

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
 Data File : BF096958.D
 Acq On : 21 Jul 2017 21:51
 Operator : SJ/JU
 Sample : I4352-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-AMSD

Manual Integrations
 APPROVED

Sohil
 7/24/2017 3:05:24 PM

Quant Time: Jul 22 02:05:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	120634	20.00	ng	-0.04
21) Naphthalene-d8	7.84	136	492928	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	191848	20.00	ng	-0.05
63) Phenanthrene-d10	11.06	188	313741	20.00	ng	-0.04
75) Chrysene-d12	13.69	240	195388	20.00	ng	-0.04
86) Perylene-d12	15.05	264	219166	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.17	112	835350	104.12	ng	-0.02
7) Phenol-d6	6.23	99	1041730	108.20	ng	-0.02
23) Nitrobenzene-d5	7.13	82	619061	77.79	ng	-0.04
41) 2,4,6-Tribromophenol	10.38	330	179788	109.79	ng	-0.04
44) 2-Fluorobiphenyl	8.92	172	981868	80.86	ng	-0.04
78) Terphenyl-d14	12.64	244	621349	55.15	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	119951	29.056	ng	# 72
3) Pyridine	2.82	79	369016	42.533	ng	# 63
4) n-Nitrosodimethylamine	2.76	42	237923	49.037	ng	# 80
6) Aniline	6.22	93	301609	25.432	ng	# 67
8) 2-Chlorophenol	6.35	128	325939	37.657	ng	# 95
9) Benzaldehyde	6.10	77	132563	23.822	ng	# 95
10) Phenol	6.24	94	452500	41.575	ng	# 95
11) bis(2-Chloroethyl)ether	6.30	93	339645	41.498	ng	# 92
12) 1,3-Dichlorobenzene	6.50	146	352601	38.325	ng	# 99
13) 1,4-Dichlorobenzene	6.57	146	356542	38.267	ng	# 95
14) 1,2-Dichlorobenzene	6.73	146	320168	37.780	ng	# 98
15) Benzyl Alcohol	6.72	79	250468	39.736	ng	# 97
16) 2,2'-oxybis(1-Chloropropan	6.85	45	663364	39.273	ng	# 74
17) 2-Methylphenol	6.84	107	263437	39.140	ng	# 89
18) Hexachloroethane	7.07	117	116840	35.365	ng	# 81
19) n-Nitroso-di-n-propylamine	6.99	70	232679	40.114	ng	# 83
20) 3+4-Methylphenols	7.00	107	347906	42.596	ng	# 62
22) Acetophenone	6.97	105	463623	42.082	ng	# 97
24) Nitrobenzene	7.15	77	340160	41.329	ng	# 95
25) Isophorone	7.39	82	607546	41.039	ng	# 96
26) 2-Nitrophenol	7.46	139	185350	40.501	ng	# 90
27) 2,4-Dimethylphenol	7.52	122	299587	39.792	ng	# 99
28) bis(2-Chloroethoxy)methane	7.60	93	416531	41.638	ng	# 100
29) 2,4-Dichlorophenol	7.71	162	271793	39.881	ng	# 94
30) 1,2,4-Trichlorobenzene	7.79	180	254058	39.208	ng	# 97
31) Naphthalene	7.86	128	936866	40.121	ng	# 99
32) Benzoic acid	7.66	122	119481	24.830	ng	# 95
33) 4-Chloroaniline	7.92	127	184887	19.984	ng	# 98
34) Hexachlorobutadiene	7.99	225	134331	38.834	ng	# 98
35) Caprolactam	8.29	113	81227m	37.197	ng	#
36) 4-Chloro-3-methylphenol	8.42	107	262435	35.813	ng	# 88
37) 2-Methylnaphthalene	8.56	142	570280	38.307	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	216940	41.831	ng	# 99
40) Hexachlorocyclopentadiene	8.71	237	48995	28.538	ng	# 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	153626	40.159	nq	100
43) 2,4,5-Trichlorophenol	8.89	196	157052	40.707	nq	97
45) 1,1'-Biphenyl	9.02	154	652786	39.674	nq	97
46) 2-Chloronaphthalene	9.04	162	483265	39.887	nq	# 93
47) 2-Nitroaniline	9.14	65	163803	39.332	nq	95
48) Acenaphthylene	9.45	152	744588	38.571	nq	99
49) Dimethylphthalate	9.33	163	722074	49.986	nq	99
50) 2,6-Dinitrotoluene	9.39	165	124773	39.878	nq	# 85
51) Acenaphthene	9.62	154	438707	38.470	nq	98
52) 3-Nitroaniline	9.55	138	92441	24.939	nq	88
53) 2,4-Dinitrophenol	9.66	184	60840	42.702	nq	# 74
54) Dibenzofuran	9.79	168	573562	35.891	nq	97
55) 4-Nitrophenol	9.74	139	154631	57.102	nq	# 64
56) 2,4-Dinitrotoluene	9.79	165	133870	33.296	nq	# 63
57) Fluorene	10.14	166	456144	38.627	nq	96
58) 2,3,4,6-Tetrachlorophenol	9.92	232	98234	36.714	nq	# 96
59) Diethylphthalate	10.02	149	517013	36.765	nq	99
60) 4-Chlorophenyl-phenylether	10.13	204	188088	36.571	nq	98
61) 4-Nitroaniline	10.16	138	146046	41.958	nq	92
62) Azobenzene	10.29	77	603357	48.634	nq	92
64) 4,6-Dinitro-2-methylphenol	10.20	198	59928	30.423	nq	91
65) n-Nitrosodiphenylamine	10.25	169	486516	43.381	nq	97
66) 4-Bromophenyl-phenylether	10.62	248	139081	43.420	nq	98
67) Hexachlorobenzene	10.69	284	140924	39.501	nq	# 92
68) Atrazine	10.79	200	147458	46.150	nq	94
69) Pentachlorophenol	10.88	266	113845	66.056	nq	99
70) Phenanthrene	11.09	178	696628	40.836	nq	100
71) Anthracene	11.14	178	717711	41.611	nq	99
72) Carbazole	11.30	167	678575	40.626	nq	99
73) Di-n-butylphthalate	11.64	149	909138	43.705	nq	99
74) Fluoranthene	12.27	202	608323	37.255	nq	98
76) Benzidine	12.39	184	315557	49.298	nq	# 92
77) Pyrene	12.49	202	620938	35.017	nq	99
79) Butylbenzylphthalate	13.13	149	302704	35.928	nq	# 86
80) Benzo(a)anthracene	13.68	228	522213	42.895	nq	100
81) 3,3'-Dichlorobenzidine	13.64	252	180643	41.263	nq	97
82) Chrysene	13.72	228	504981	42.135	nq	100
83) Bis(2-ethylhexyl)phthalate	13.69	149	379425	36.979	nq	99
84) Di-n-octyl phthalate	14.30	149	731869	43.151	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.32	276	451085	40.333	nq	98
87) Benzo(b)fluoranthene	14.69	252	556355	42.090	nq	97
88) Benzo(k)fluoranthene	14.71	252	462447	36.946	nq	95
89) Benzo(a)pyrene	15.00	252	498045	41.081	nq	99
90) Dibenzo(a,h)anthracene	16.33	278	375142	33.629	nq	97
91) Benzo(g,h,i)perylene	16.70	276	369888	30.964	nq	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

```

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Operator  : SJ/JU
Sample    : I4352-01MSD
Misc      :
ALS Vial  : 23      Sample Multiplier: 1

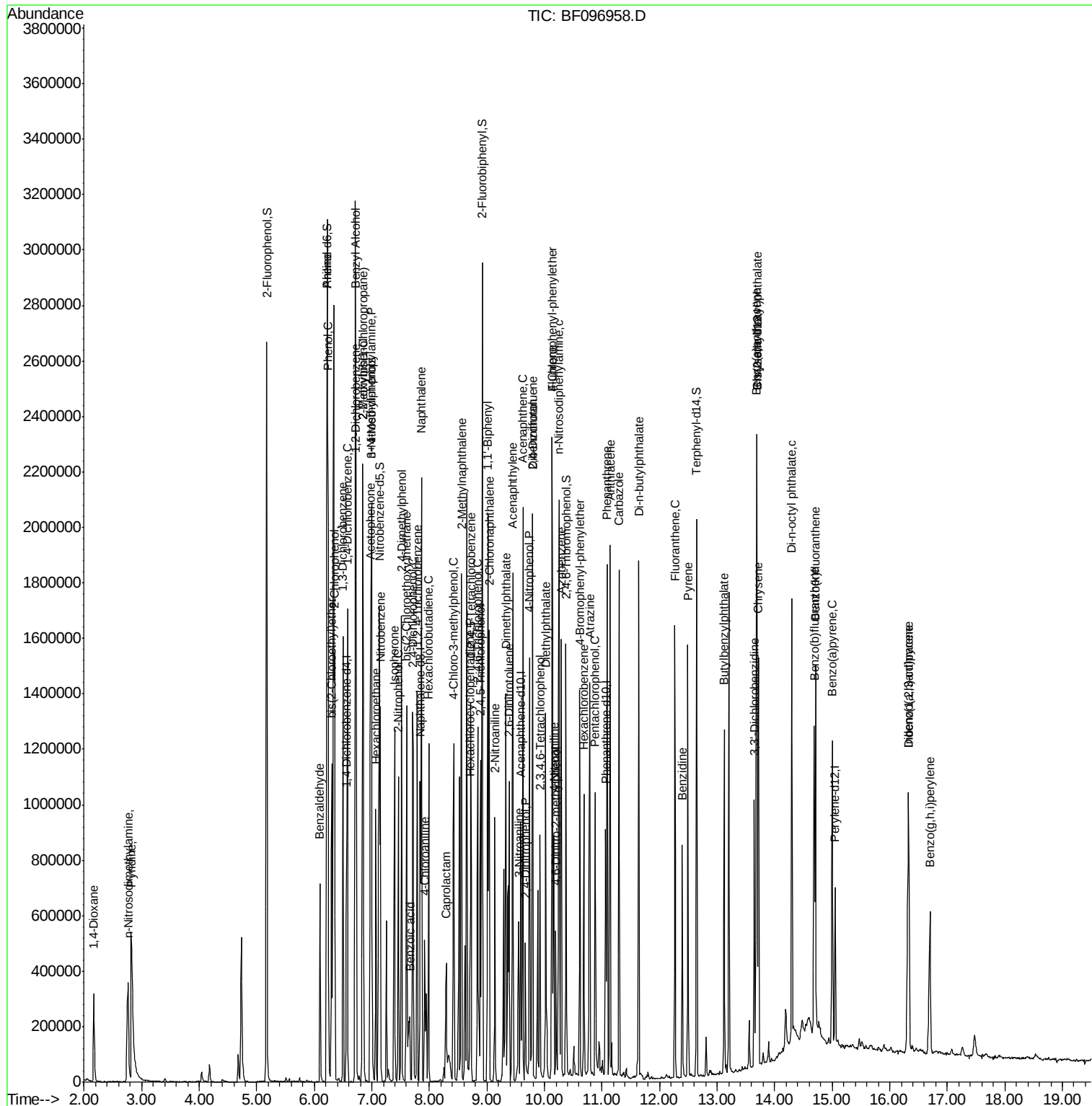
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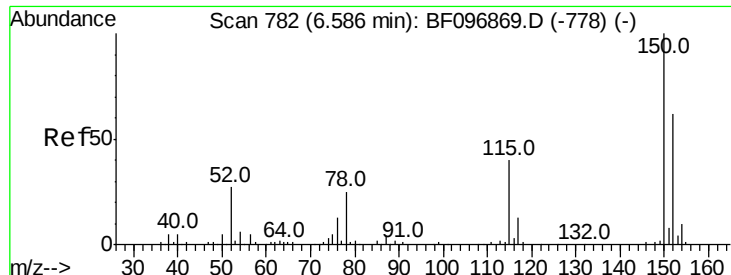
Instrument :
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Manual Integrations APPROVED

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#1

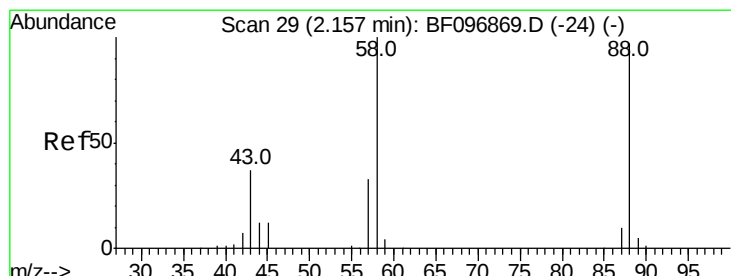
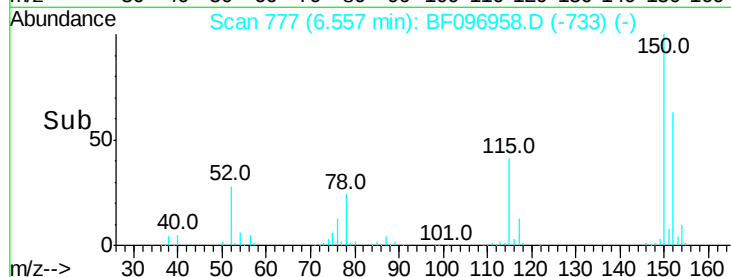
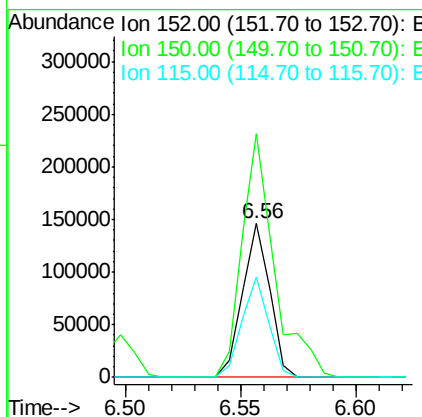
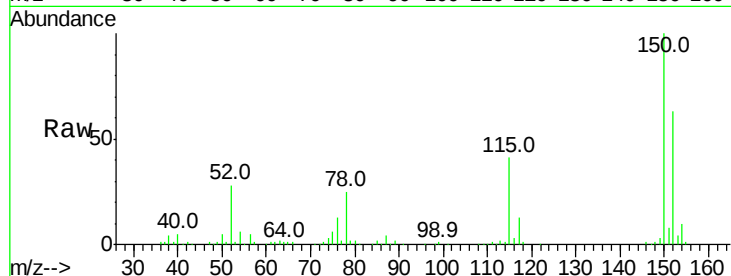
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.56 min Scan# 777
Delta R.T. -0.04 min
Lab File: BF096958.D
Acq: 21 Jul 2017 21:51

Instrument :
BNA_F
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FK-SF-03-001-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.2	189.2
115	65.1	52.2	78.2

Manual Integrations
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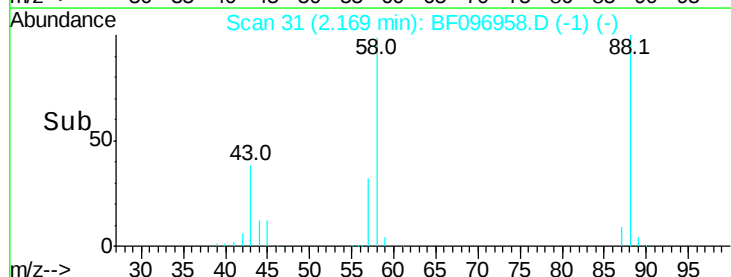
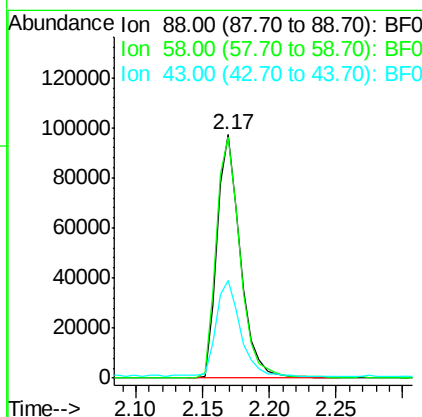
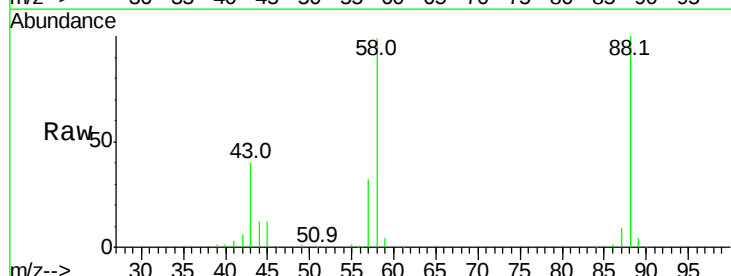
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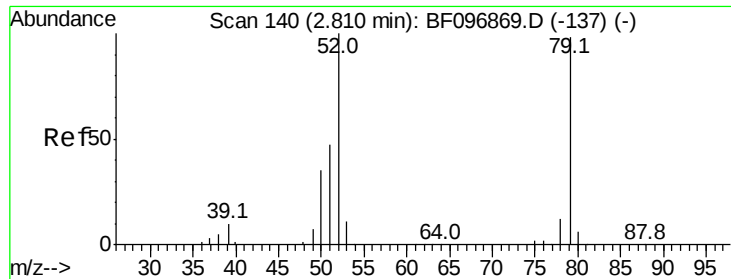


#2

1,4-Dioxane
Concen: 29.056 ng
RT: 2.17 min Scan# 31
Delta R.T. -0.02 min
Lab File: BF096958.D
Acq: 21 Jul 2017 21:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.0	61.4	92.0#
43	41.5	23.4	35.0#





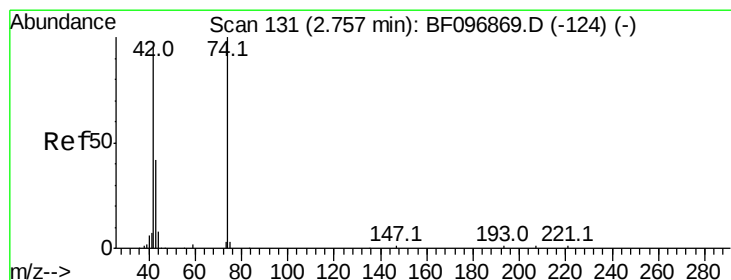
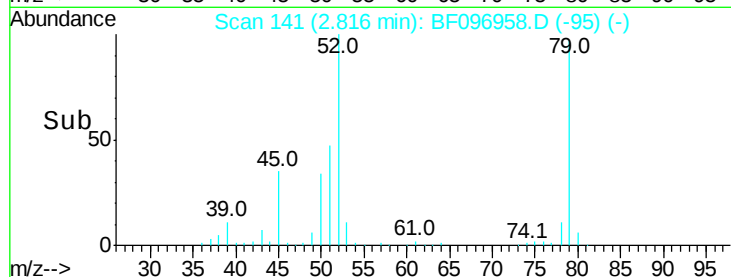
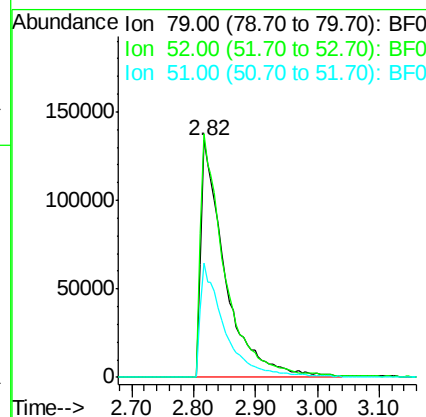
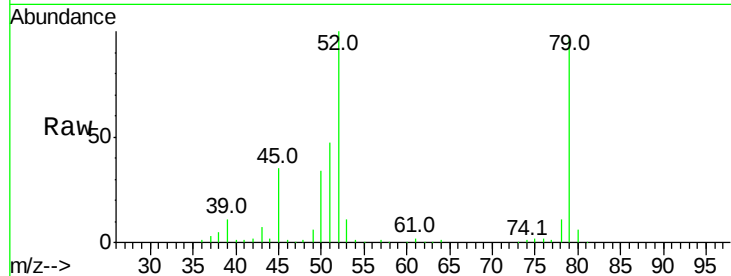
#3
 Pvridine
 Concen: 42.533 ng
 RT: 2.82 min Scan# 141
 Delta R.T. -0.03 min
 Lab File: BF096958.D
 Acq: 21 Jul 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	102.9	54.8		82.2#	
51	48.1	27.0		40.4#	

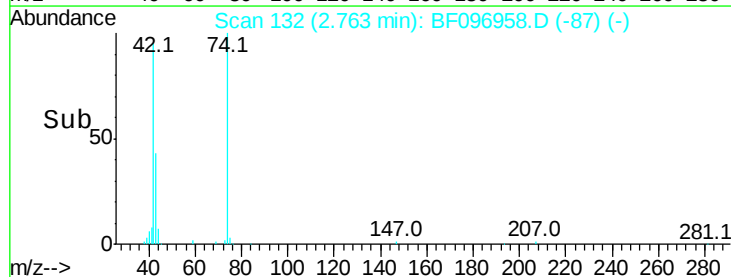
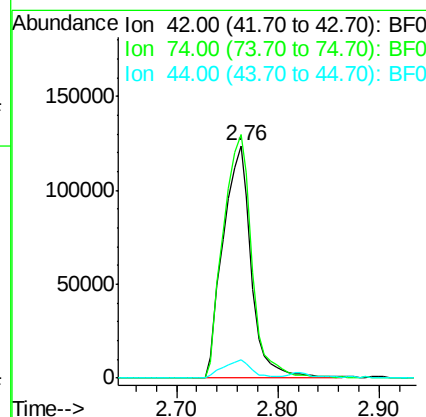
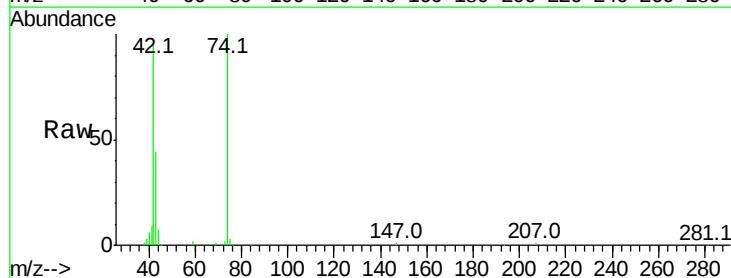
Manual Integrations
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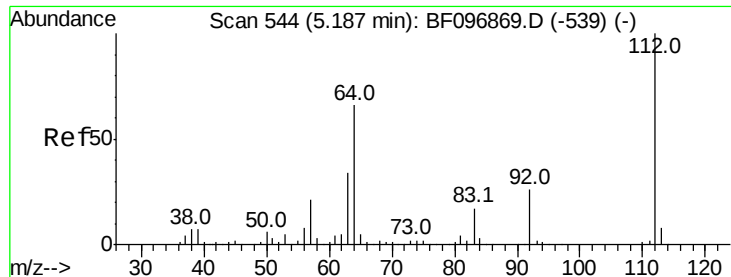
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#4
 n-Nitrosodimethylamine
 Concen: 49.037 ng
 RT: 2.76 min Scan# 132
 Delta R.T. -0.04 min
 Lab File: BF096958.D
 Acq: 21 Jul 2017 21:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	104.9	103.9		155.9	
44	7.7	5.7		8.5	





#5

2-Fluorophenol

Concen: 104.118 ng

RT: 5.17 min Scan# 542

Delta R.T. -0.02 min

Lab File: BF096958.D

Acq: 21 Jul 2017 21:51

Instrument :

BNA_F

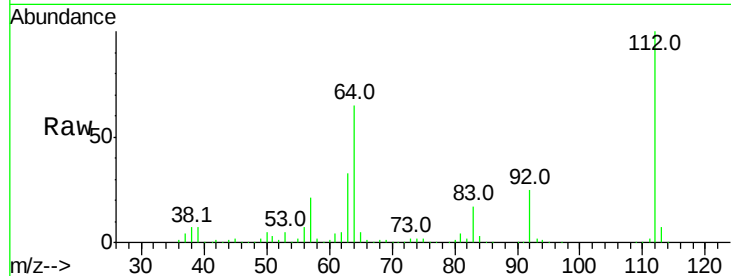
ClientSampleId :

FK-SF-03-001-AMSD

Tot Ion:	112	Resp:	835350
Ion Ratio	Lower	Upper	
112	100		
64	64.8	46.0	69.0
63	33.4	23.4	35.0

Manual Integrations
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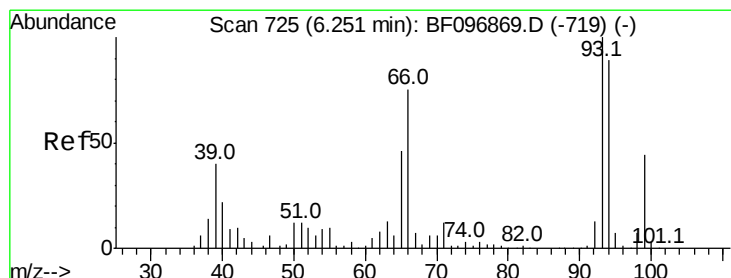
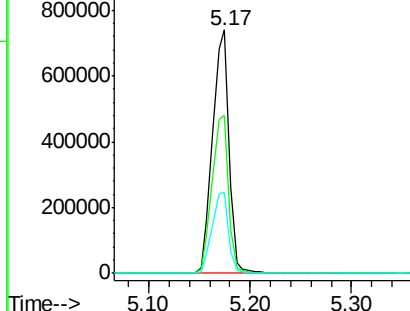
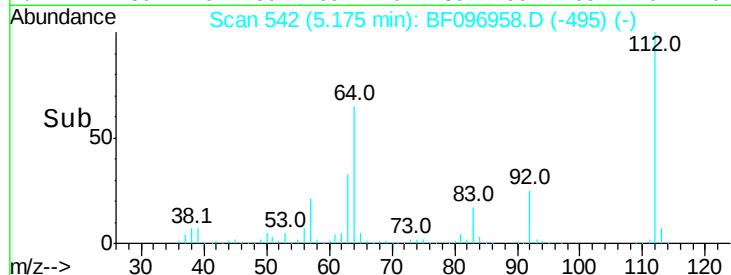
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.432 ng

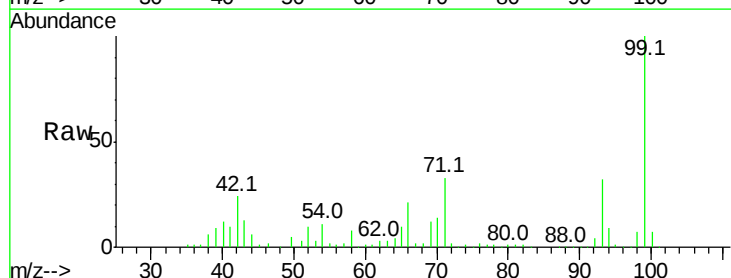
RT: 6.22 min Scan# 720

Delta R.T. -0.04 min

Lab File: BF096958.D

Acq: 21 Jul 2017 21:51

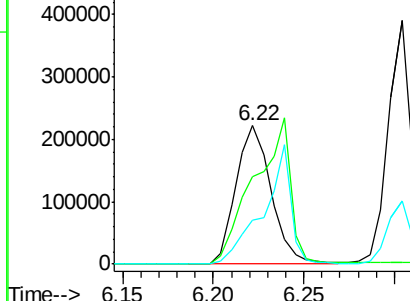
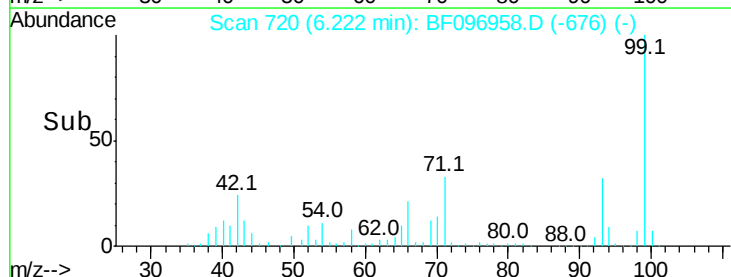
Tgt Ion:	93	Resp:	301609
Ion Ratio	Lower	Upper	
93	100		
66	63.7	32.9	49.3#
65	31.5	16.0	24.0#

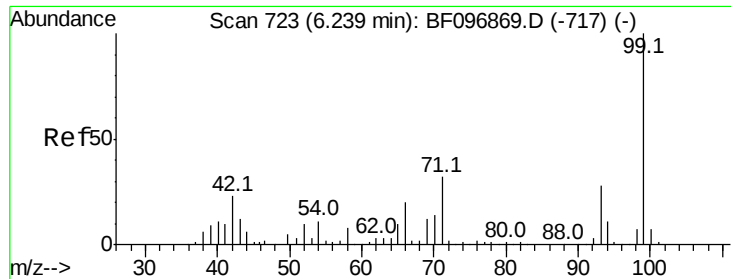


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 108.199 ng

RT: 6.23 min Scan# 721

Delta R.T. -0.02 min

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BNA_F

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FK-SF-03-001-AMSD

Tot Ion: 99 Resp: 1041730

Ion Ratio Lower Upper

99 100

42 23.6 13.5 20.3#

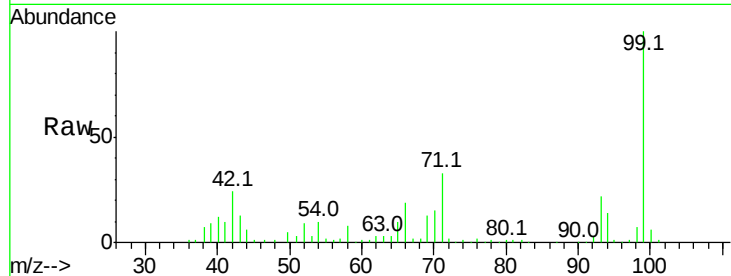
71 32.8 24.5 36.7

Manual Integrations

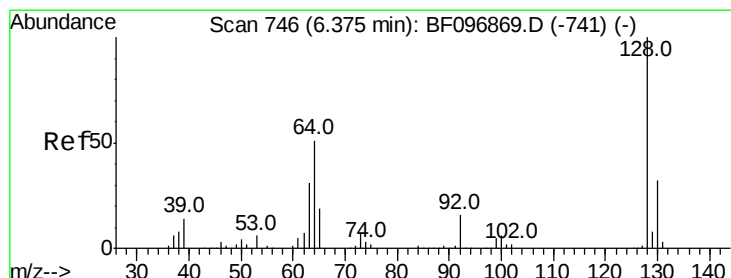
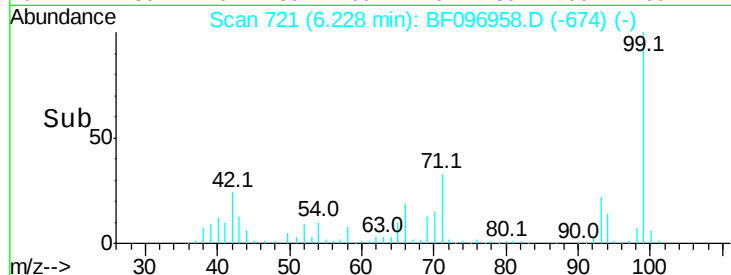
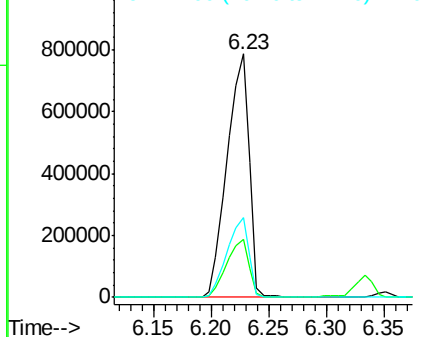
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.657 ng

RT: 6.35 min Scan# 742

Delta R.T. -0.04 min

Lab File: BF096958.D

Acq: 21 Jul 2017 21:51

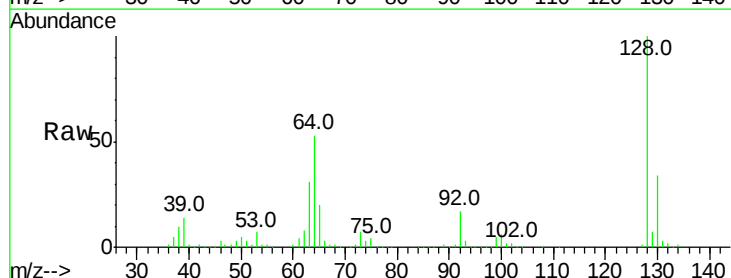
Tgt Ion:128 Resp: 325939

Ion Ratio Lower Upper

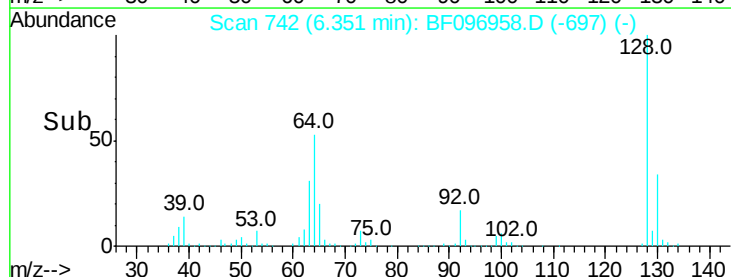
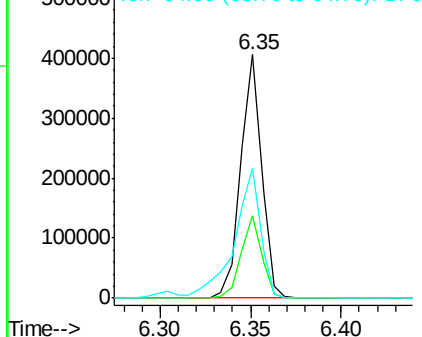
128 100

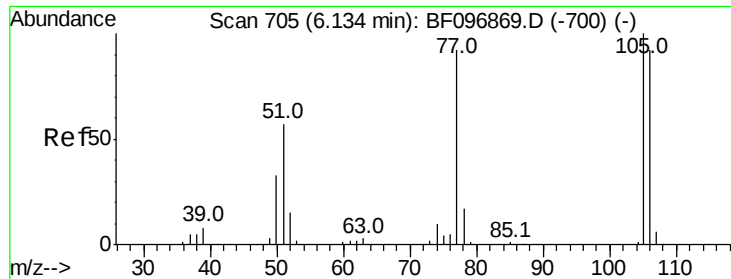
130 34.1 12.9 52.9

64 53.2 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





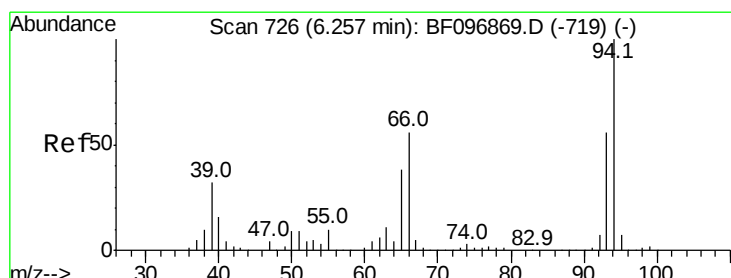
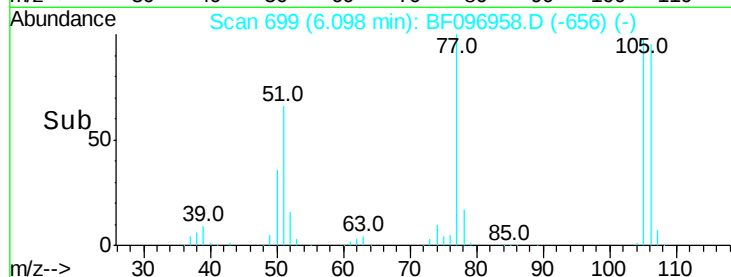
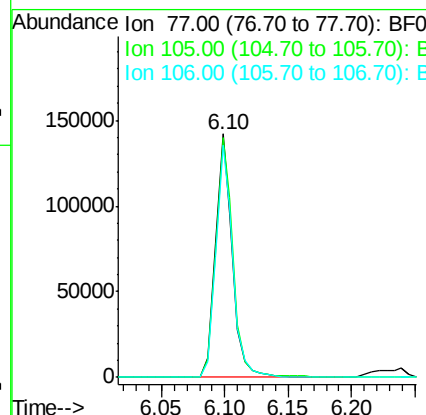
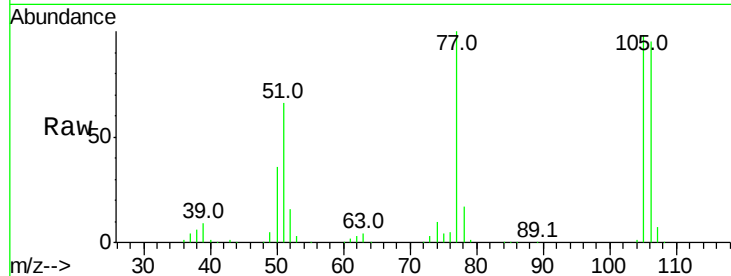
#9
Benzaldehyde
Concen: 23.822 ng
RT: 6.10 min Scan# 699
Delta R.T. -0.05 min
Lab File: BF096958.D
Acq: 21 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.2	83.8	123.8
106	95.2	79.1	119.1

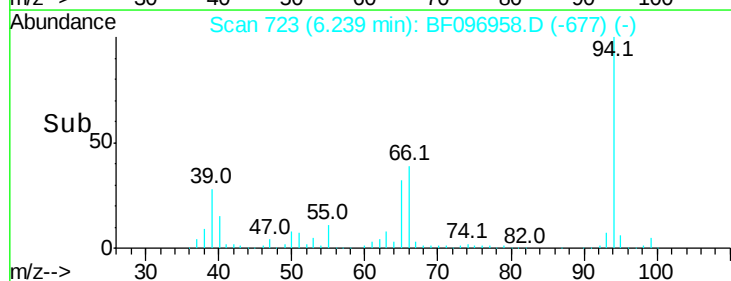
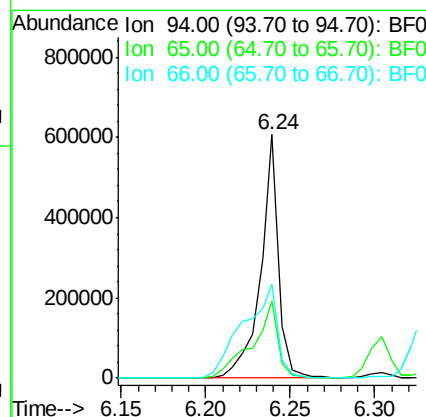
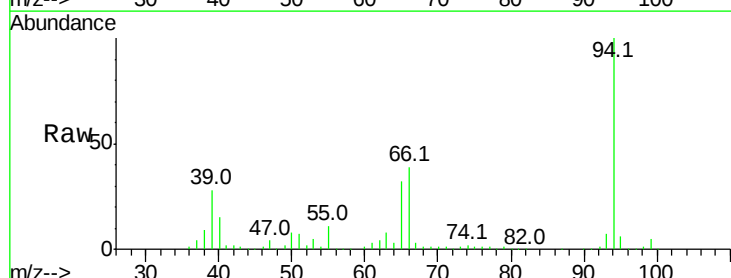
Manual Integrations
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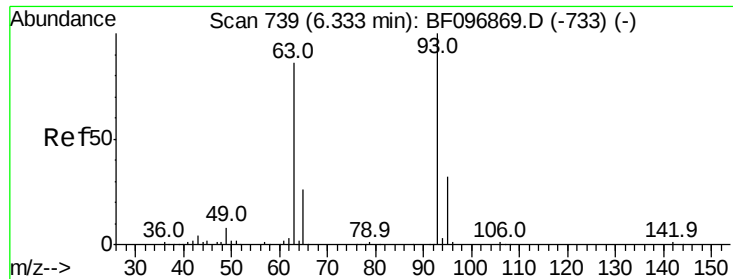
Sohil
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#10
Phenol
Concen: 41.575 ng
RT: 6.24 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF096958.D
Acq: 21 Jul 2017 21:51

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.5	9.9	49.9
66	38.8	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 41.498 ng

RT: 6.30 min Scan# 734

Delta R.T. -0.04 min

Lab File: BF096958.D

Acq: 21 Jul 2017 21:51

Instrument :

BNA_F

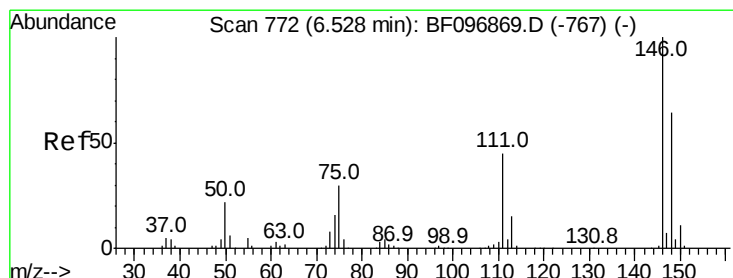
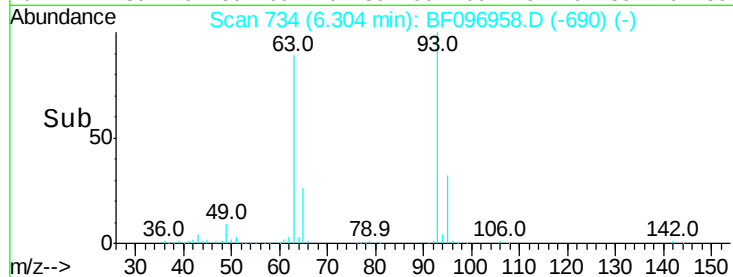
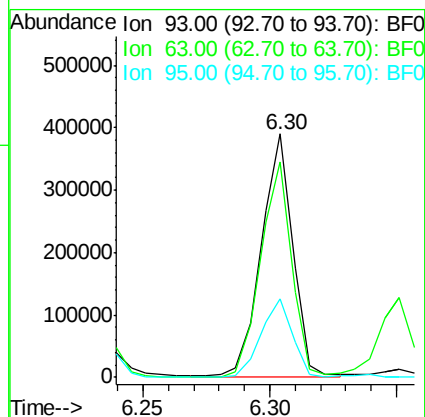
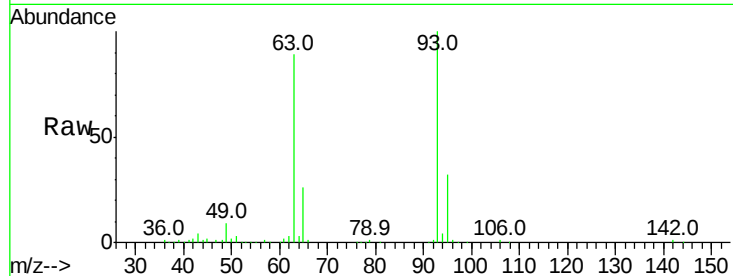
ClientSampleId :

FK-SF-03-001-AMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.7	59.2	99.2
95	32.2	12.8	52.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 38.325 ng

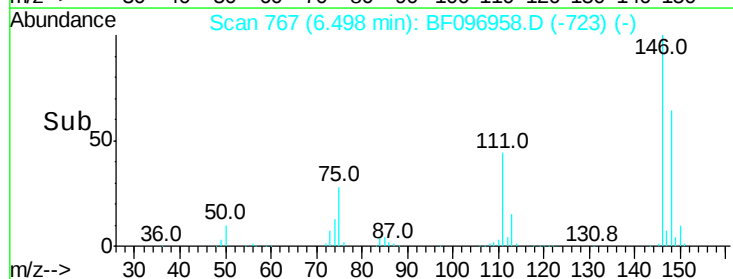
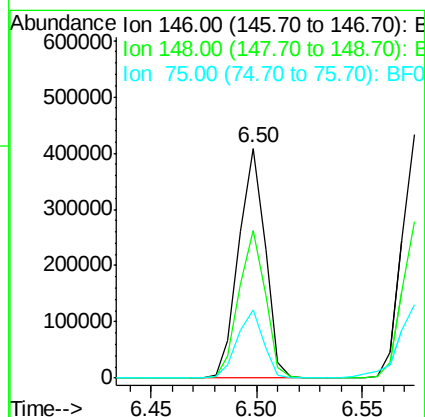
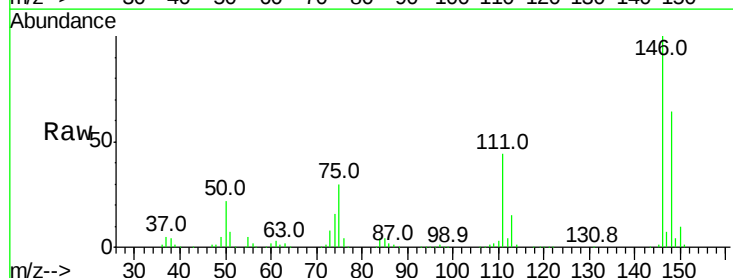
RT: 6.50 min Scan# 767

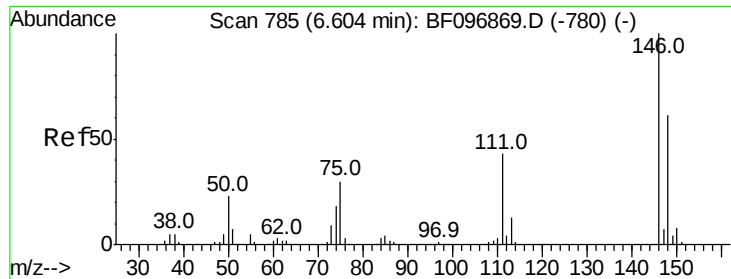
Delta R.T. -0.04 min

Lab File: BF096958.D

Acq: 21 Jul 2017 21:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.6
75	29.8	23.1	34.7





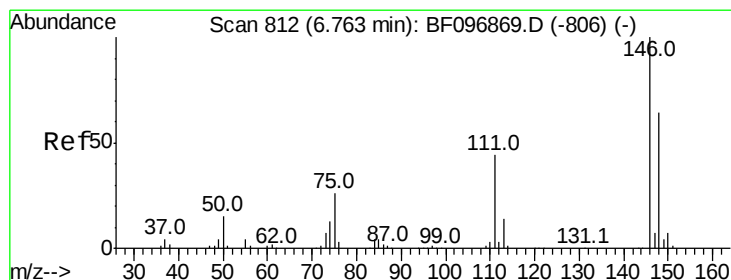
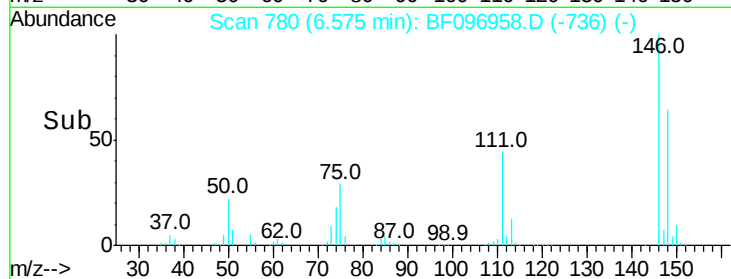
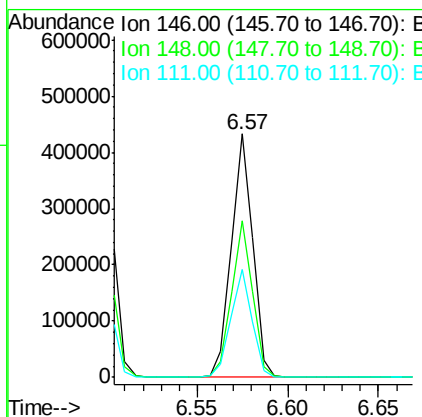
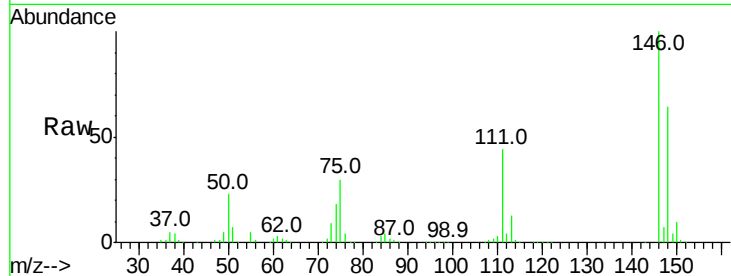
#13
 1,4-Dichlorobenzene
 Concen: 38.267 ng
 RT: 6.57 min Scan# 780
 Delta R.T. -0.04 min
 Lab File: BF096958.D
 Acq: 21 Jul 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.2
111	44.5	30.3	45.5

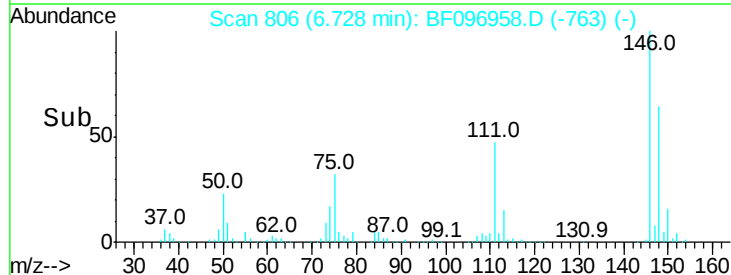
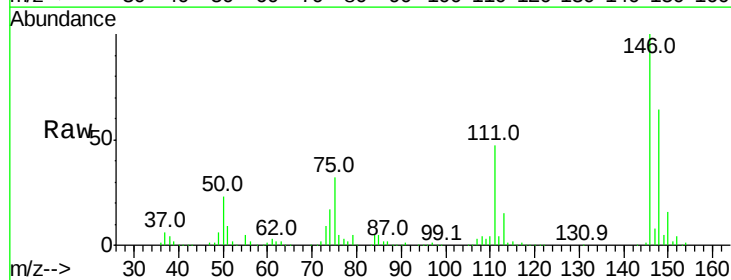
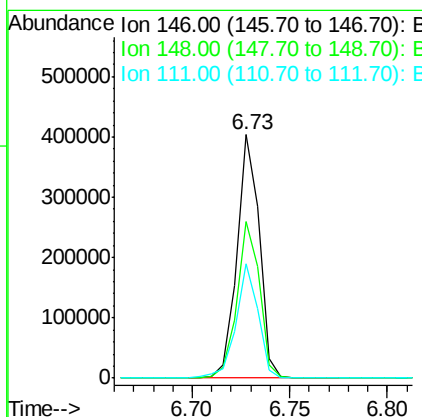
Manual Integrations
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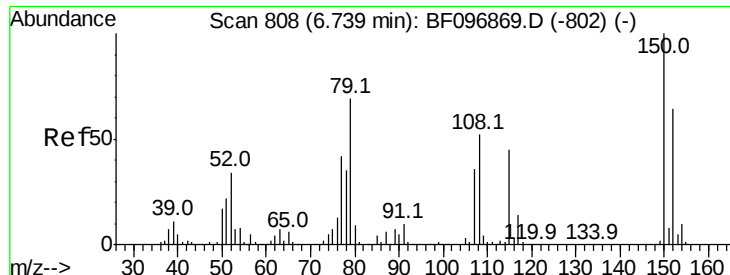
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#14
 1,2-Dichlorobenzene
 Concen: 37.780 ng
 RT: 6.73 min Scan# 806
 Delta R.T. -0.05 min
 Lab File: BF096958.D
 Acq: 21 Jul 2017 21:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.4	75.6
111	46.8	38.2	57.4





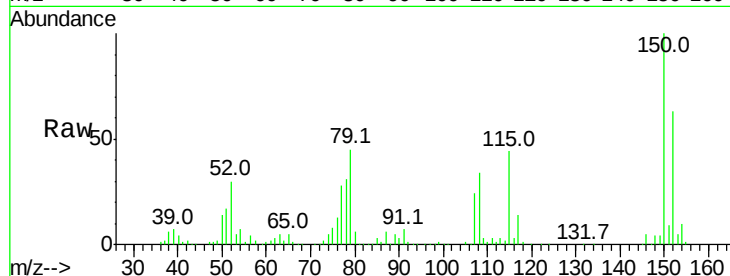
#15
Benzyl Alcohol
Concen: 39.736 ng
RT: 6.72 min Scan# 804
Delta R.T. -0.04 min
Lab File: BF096958.D
Acq: 21 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMSD

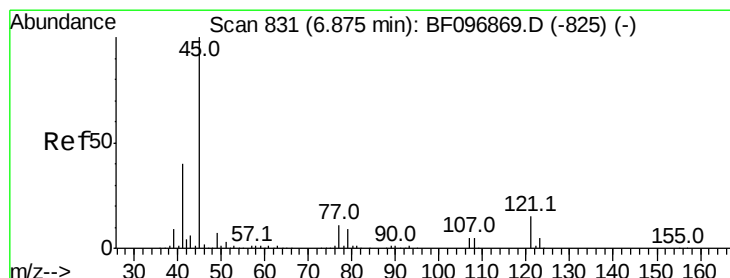
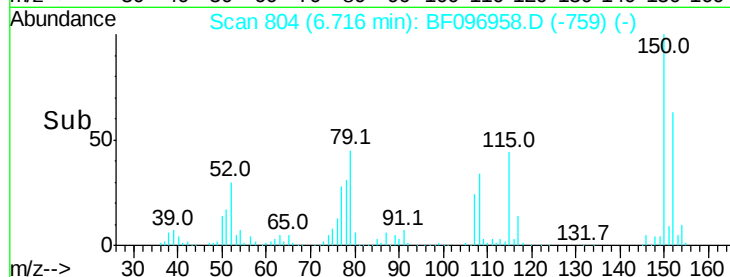
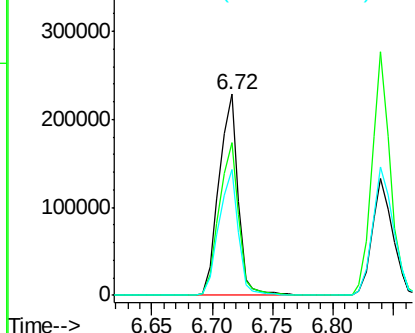
Tot Ion	Ratio	Lower	Upper
79	100		
108	75.8	63.4	95.0
77	62.4	49.2	73.8

Manual Integrations
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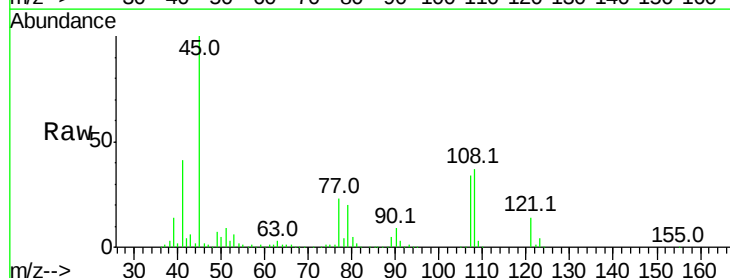


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

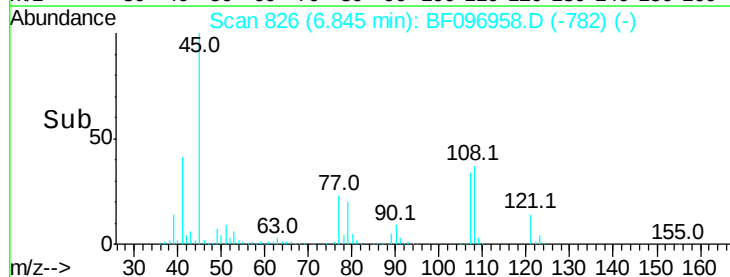
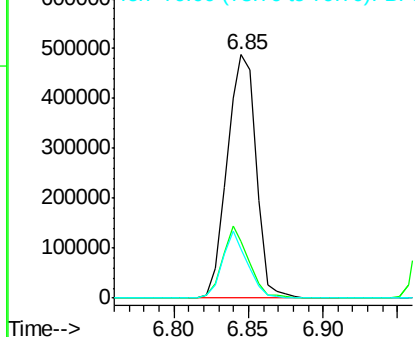


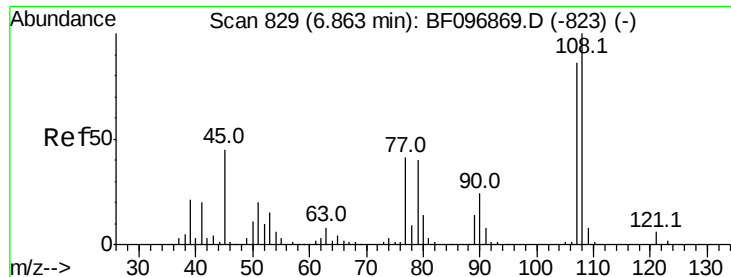
#16
2,2'-oxybis(1-chloropropane)
Concen: 39.273 ng
RT: 6.85 min Scan# 826
Delta R.T. -0.04 min
Lab File: BF096958.D
Acq: 21 Jul 2017 21:51

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.4	0.0	33.2
79	19.9	0.0	30.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





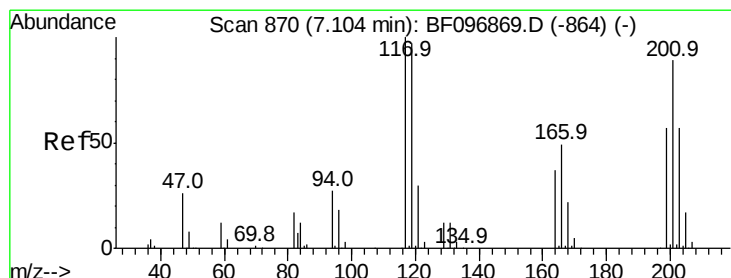
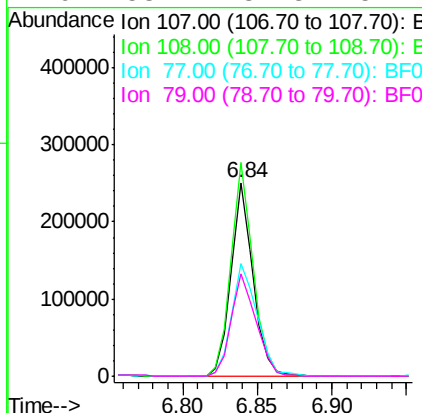
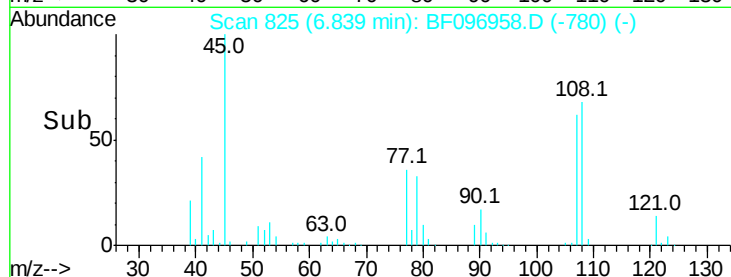
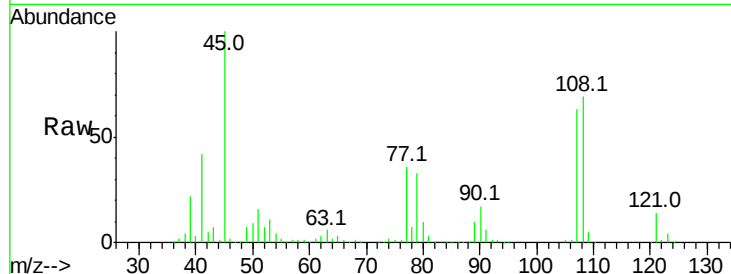
#17
2-Methylphenol
Concen: 39.140 ng
RT: 6.84 min Scan# 825
Delta R.T. -0.04 min
Lab File: BF096958.D
Acq: 21 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.2	93.4	140.0
77	58.0	35.8	53.6#
79	53.1	34.8	52.2#

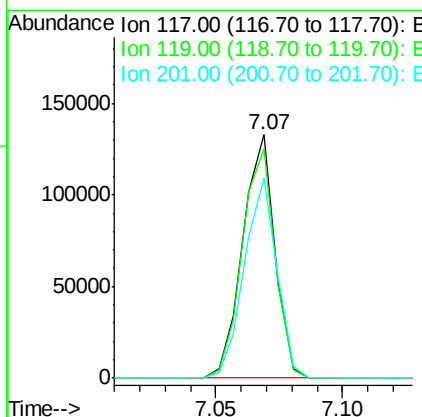
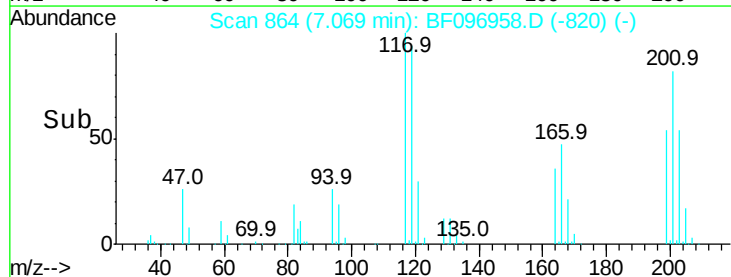
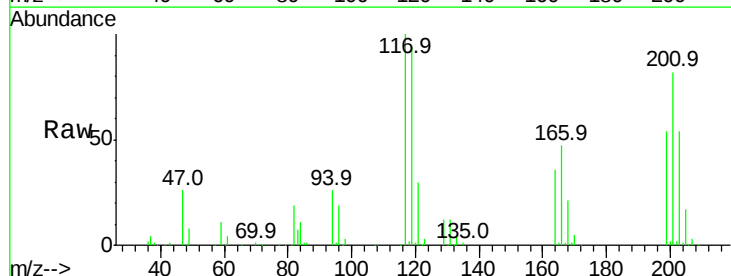
Manual Integrations
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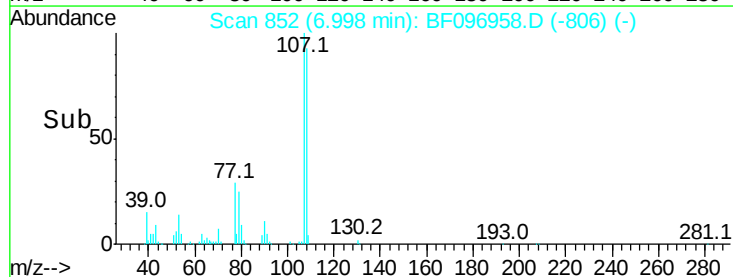
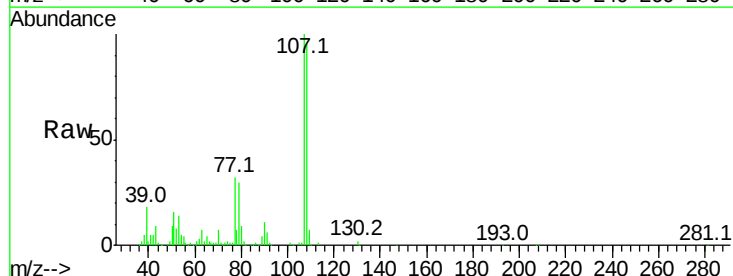
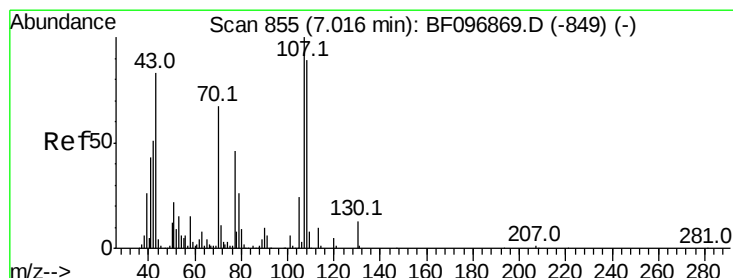
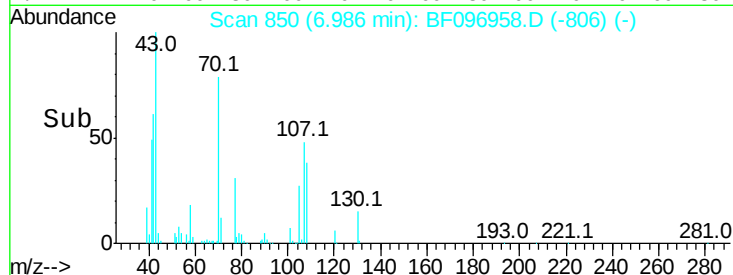
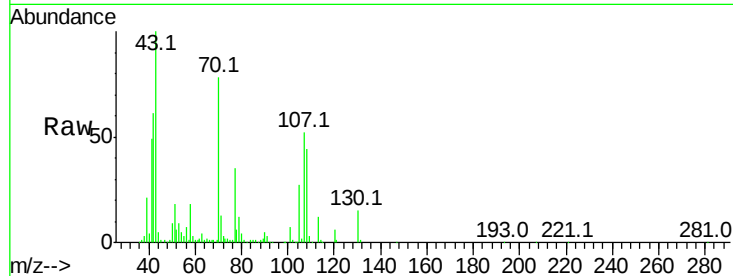
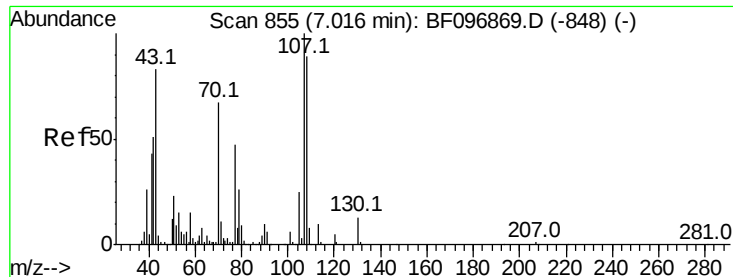
Sohil
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#18
Hexachloroethane
Concen: 35.365 ng
RT: 7.07 min Scan# 864
Delta R.T. -0.04 min
Lab File: BF096958.D
Acq: 21 Jul 2017 21:51

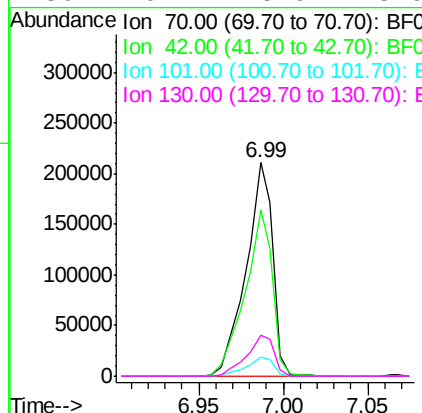
Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.4	116.0
201	82.1	94.6	141.8#





#19
n-Nitroso-di-n-propylamine
Concen: 40.114 ng
RT: 6.99 min Scan# 850
Delta R.T. -0.04 min
Lab File: BF096958.D
Acq: 21 Jul 2017 21:51

Tot Ion	Ratio	Lower	Upper
70	100		
42	78.1	47.2	70.8#
101	8.7	7.2	10.8
130	19.4	15.9	23.9



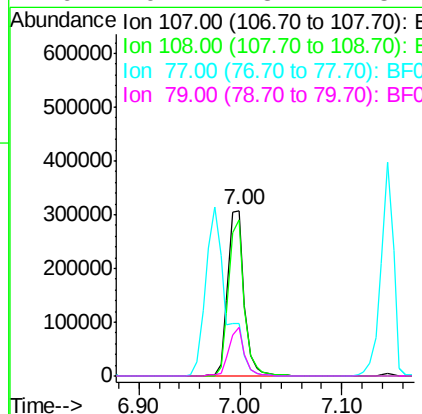
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMSD

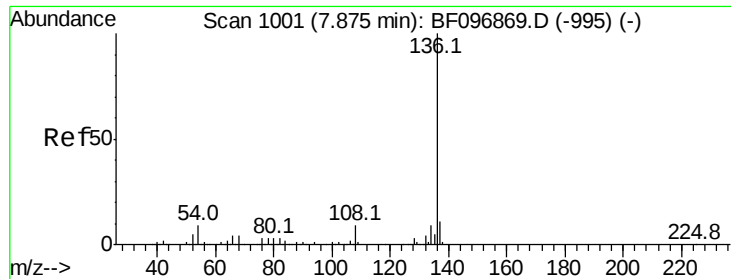
Manual Integrations
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#20
3+4-Methylphenols
Concen: 42.596 ng
RT: 7.00 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF096958.D
Acq: 21 Jul 2017 21:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.5	71.0	111.0
77	31.5	90.5	130.5#
79	29.7	8.4	48.4





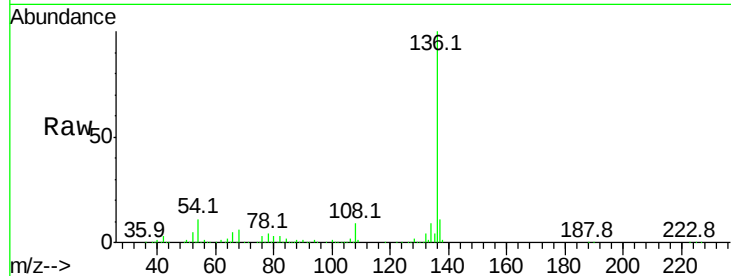
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.84 min Scan# 995
Delta R.T. -0.05 min
Lab File: BF096958.D
Acq: 21 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMSD

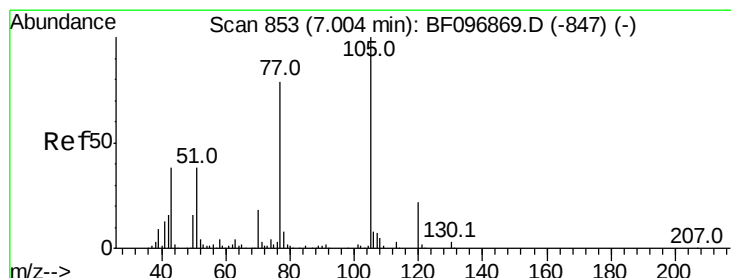
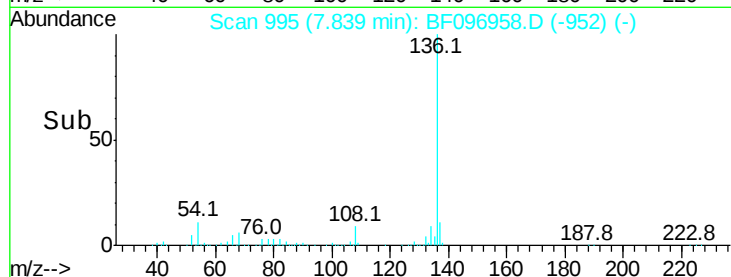
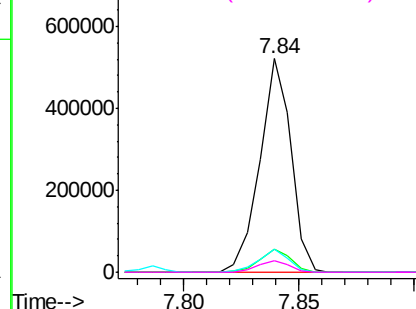
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.5	12.7	
54	10.8	4.9	7.3	
68	5.5	4.1	6.1	

Manual Integrations
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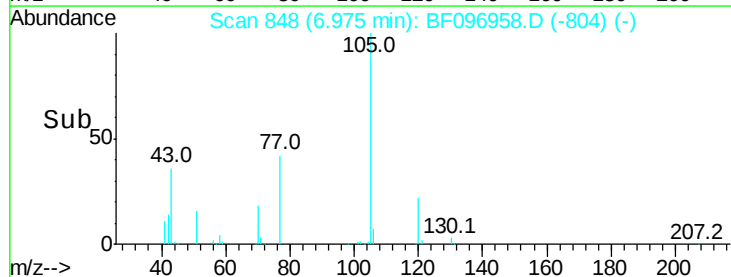
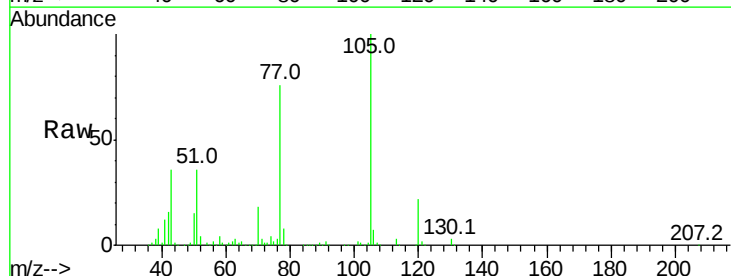
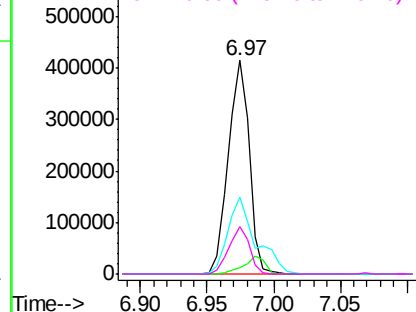
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

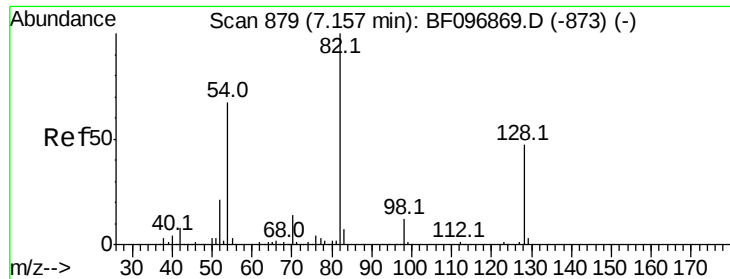


#22
Acetophenone
Concen: 42.082 ng
RT: 6.97 min Scan# 848
Delta R.T. -0.04 min
Lab File: BF096958.D
Acq: 21 Jul 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.0	2.8	4.2	
51	35.7	30.7	46.1	
120	21.9	17.4	26.0	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





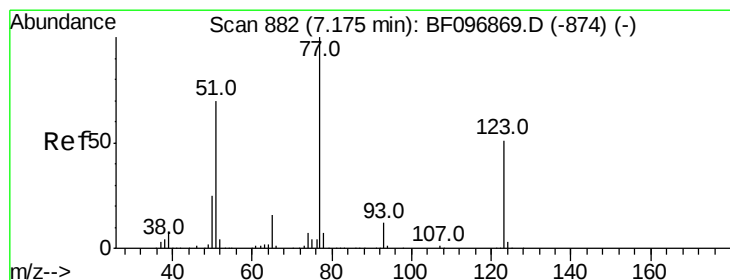
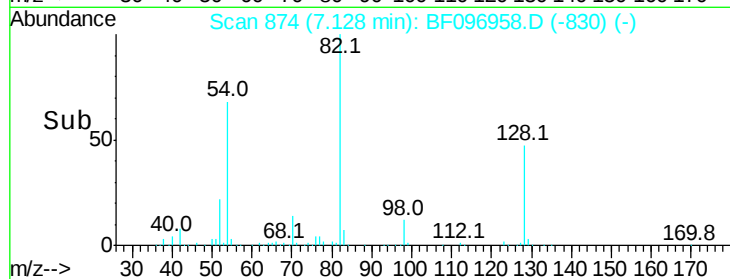
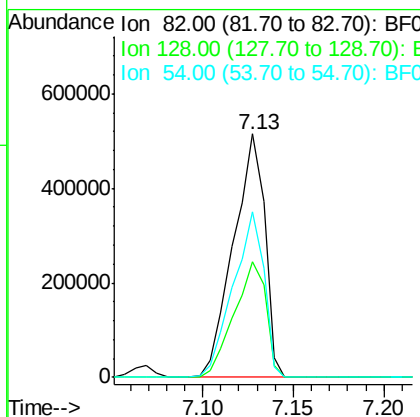
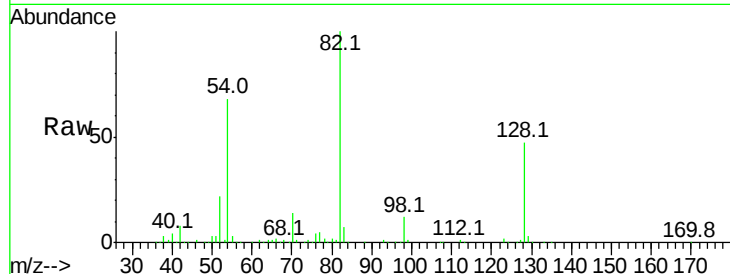
#23
Nitrobenzene-d5
Concen: 77.791 ng
RT: 7.13 min Scan# 874
Delta R.T. -0.04 min
Lab File: BF096958.D
Acq: 21 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.0	51.0
54	67.8	42.2	63.2

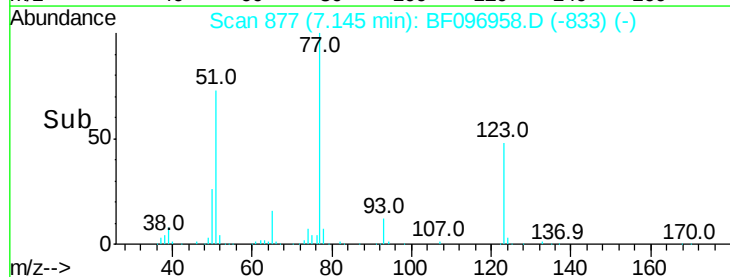
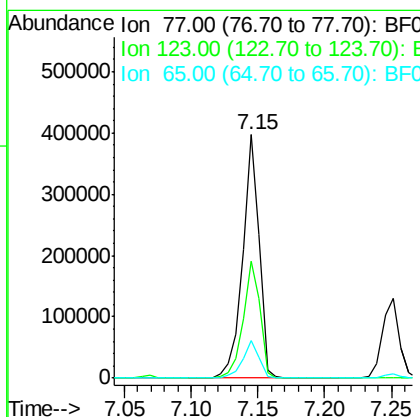
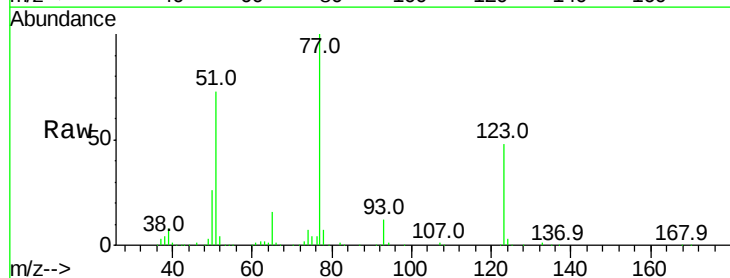
Manual Integrations
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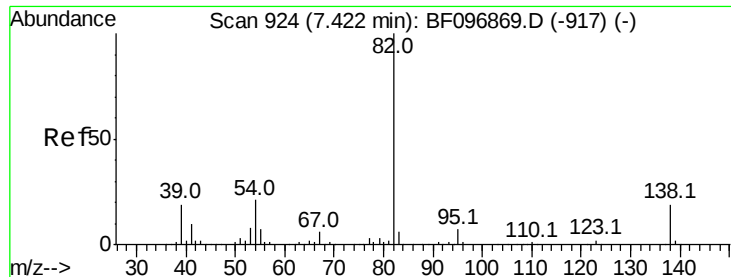
Sohil
7/24/2017 3:05:24 PM



#24
Nitrobenzene
Concen: 41.329 ng
RT: 7.15 min Scan# 877
Delta R.T. -0.04 min
Lab File: BF096958.D
Acq: 21 Jul 2017 21:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.1	35.8	53.8
65	15.6	10.6	15.8





#25

Isophorone

Concen: 41.039 ng

RT: 7.39 min Scan# 919

Delta R.T. -0.04 min

Lab File: BF096958.D

Acq: 21 Jul 2017 21:51

Instrument :

BNA_F

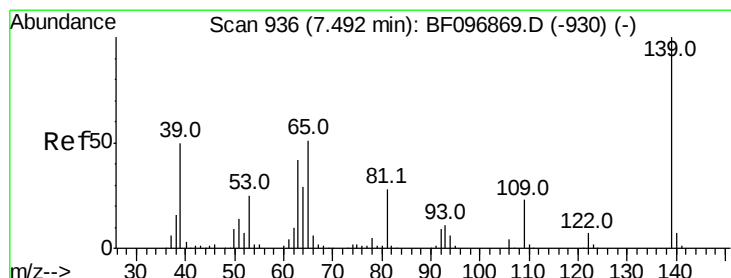
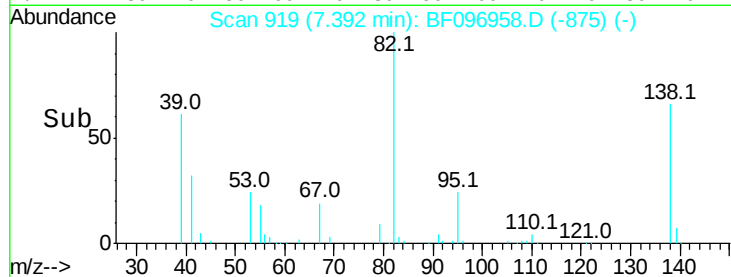
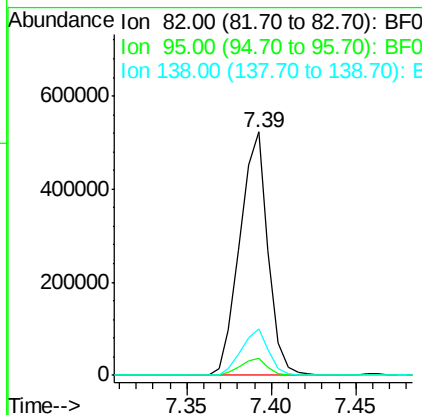
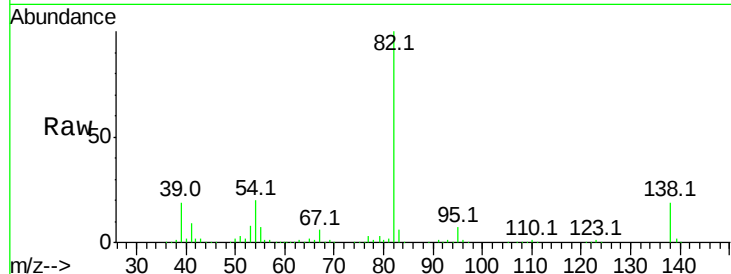
ClientSampleId :

FK-SF-03-001-AMSD

Tot Ion:	82	Resp:	607546
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.3	7.9
138	18.9	13.1	19.7

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#26

2-Nitrophenol

Concen: 40.501 ng

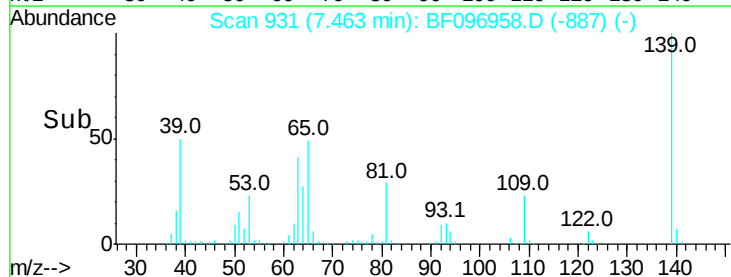
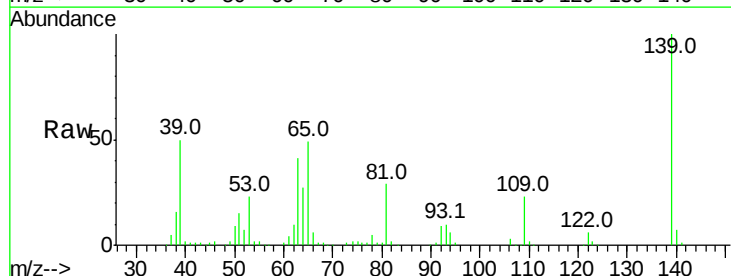
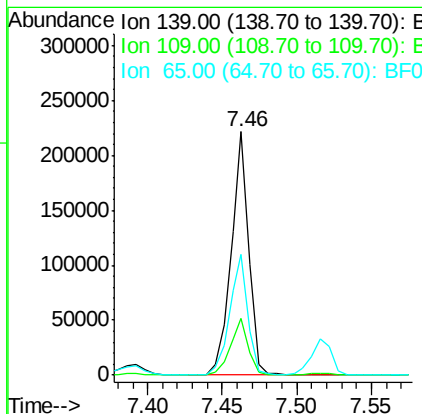
RT: 7.46 min Scan# 931

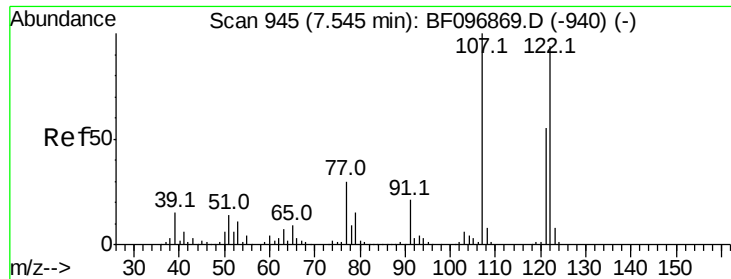
Delta R.T. -0.04 min

Lab File: BF096958.D

Acq: 21 Jul 2017 21:51

Tgt Ion:	139	Resp:	185350
Ion Ratio		Lower	Upper
139	100		
109	23.5	21.0	31.6
65	49.4	33.0	49.6





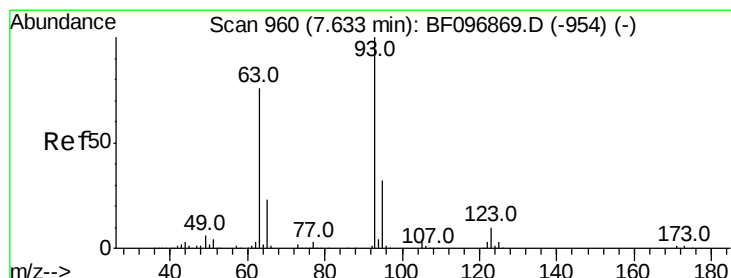
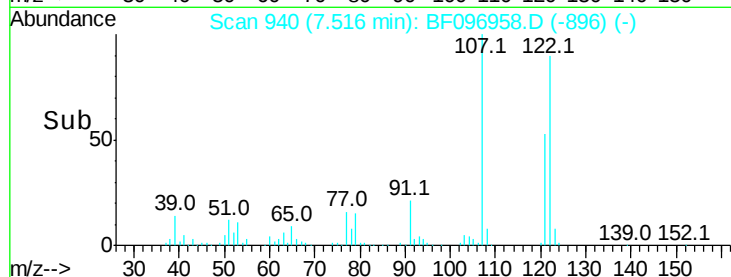
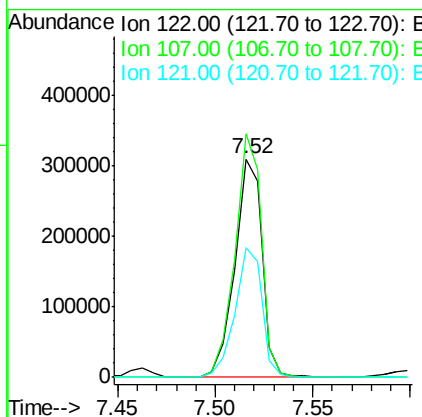
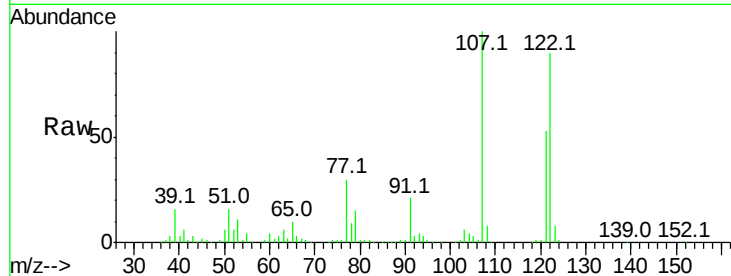
#27
2,4-Dimethylphenol
Concen: 39.792 ng
RT: 7.52 min Scan# 940
Delta R.T. -0.04 min
Lab File: BF096958.D
Acq: 21 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	299587		
107	111.6	89.2	133.8	
121	59.3	45.2	67.8	

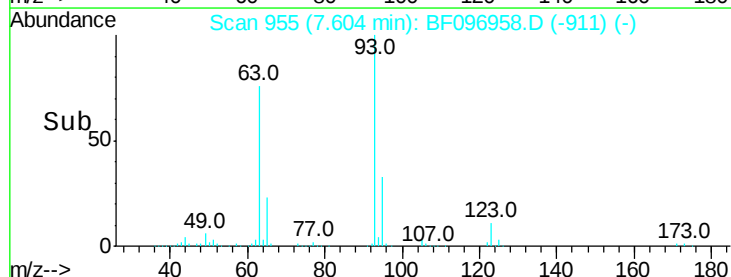
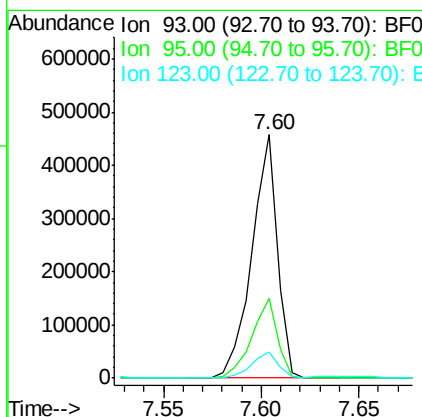
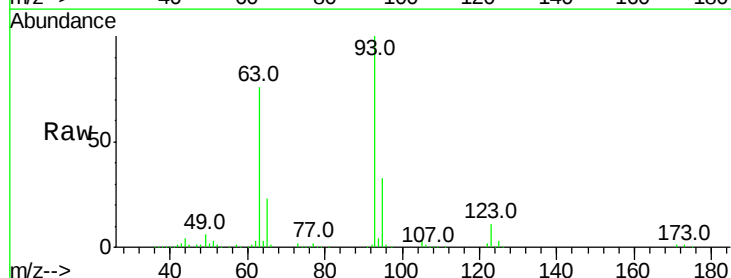
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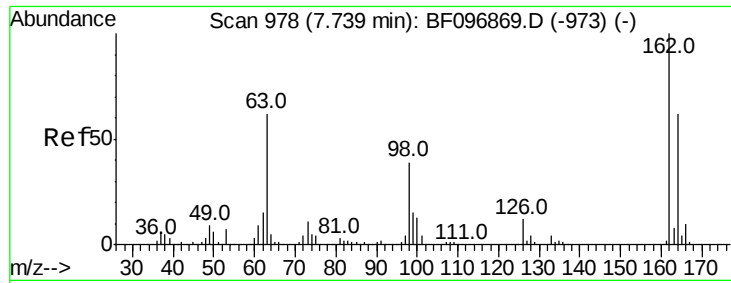
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#28
bis(2-Chloroethoxy)methane
Concen: 41.638 ng
RT: 7.60 min Scan# 955
Delta R.T. -0.04 min
Lab File: BF096958.D
Acq: 21 Jul 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	416531		
95	33.0	26.5	39.7	
123	10.7	9.0	13.4	





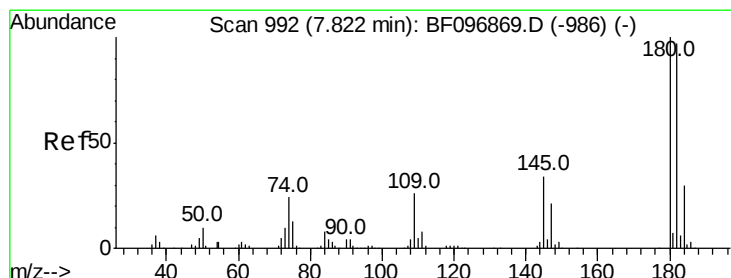
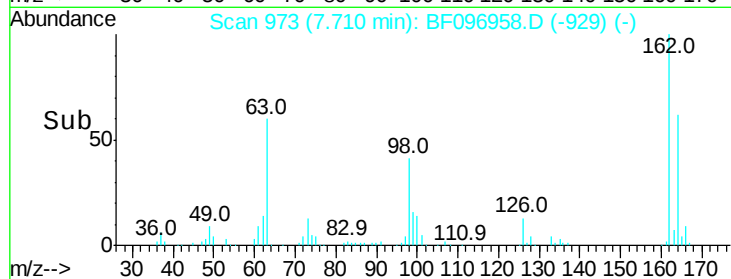
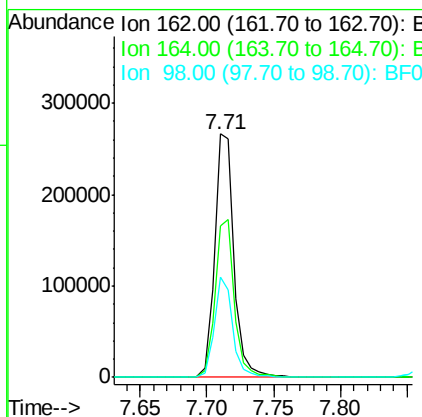
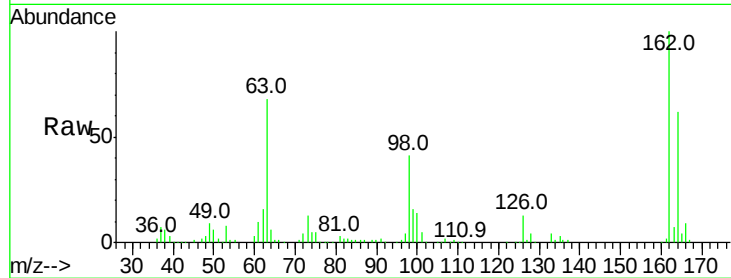
#29
 2,4-Dichlorophenol
 Concen: 39.881 ng
 RT: 7.71 min Scan# 973
 Delta R.T. -0.04 min
 Lab File: BF096958.D
 Acq: 21 Jul 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-AMSD

Tot Ion:	162	Resp:	271793
Ion Ratio	Lower	Upper	
162	100		
164	62.1	44.6	84.6
98	41.0	14.8	54.8

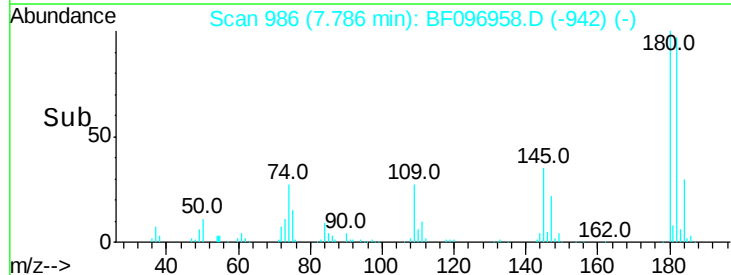
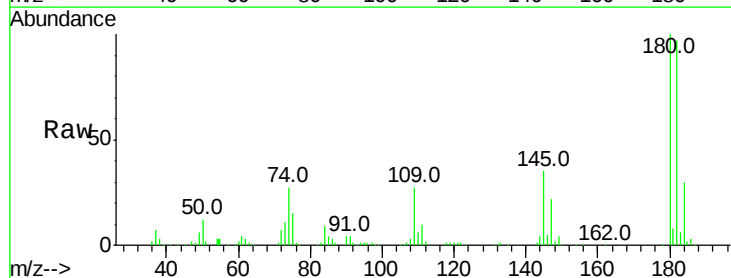
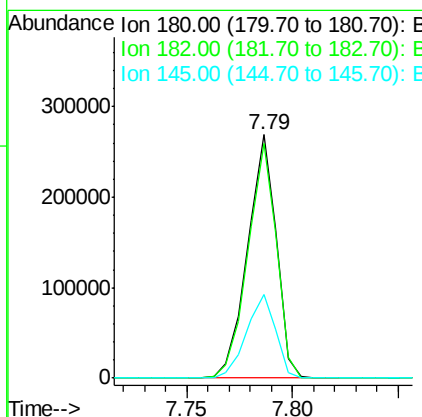
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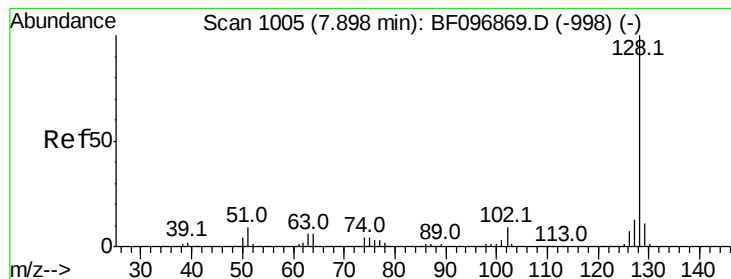
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.208 ng
 RT: 7.79 min Scan# 986
 Delta R.T. -0.04 min
 Lab File: BF096958.D
 Acq: 21 Jul 2017 21:51

Tgt Ion:	180	Resp:	254058
Ion Ratio	Lower	Upper	
180	100		
182	96.5	75.8	113.6
145	34.6	25.3	37.9





#31

Naphthalene

Concen: 40.121 ng

RT: 7.86 min Scan# 999

Delta R.T. -0.05 min

Lab File: BF096958.D

Acq: 21 Jul 2017 21:51

Instrument :

BNA_F

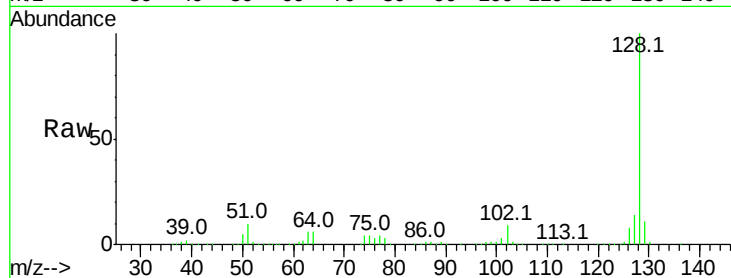
ClientSampleId :

FK-SF-03-001-AMSD

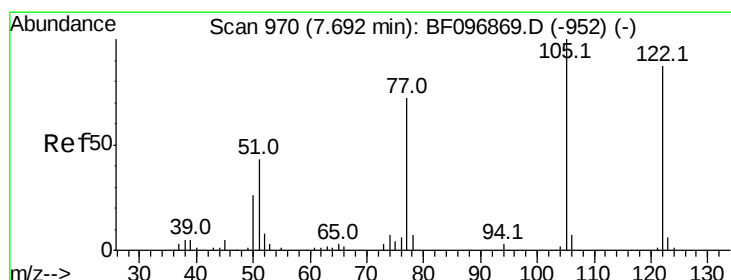
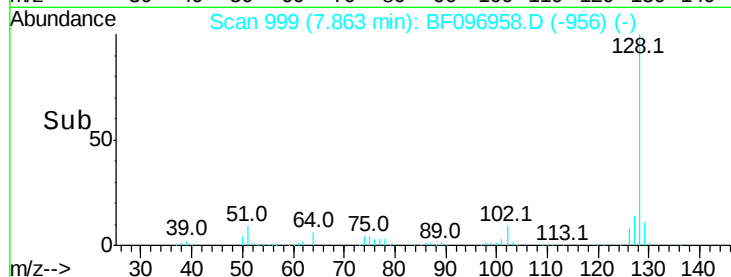
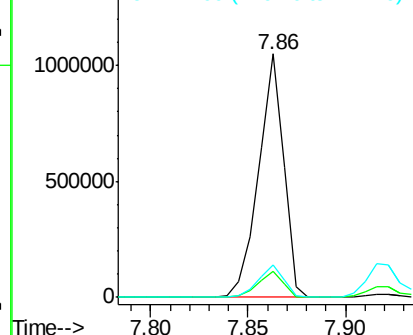
Tot Ion:	128	Resp:	936866
Ion Ratio	Lower	Upper	
128	100		
129	10.9	9.0	13.6
127	13.6	10.8	16.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 24.830 ng

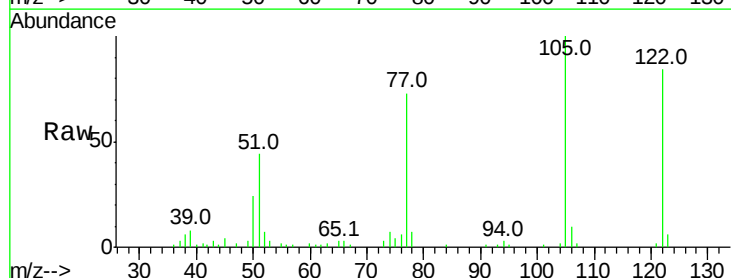
RT: 7.66 min Scan# 964

Delta R.T. -0.05 min

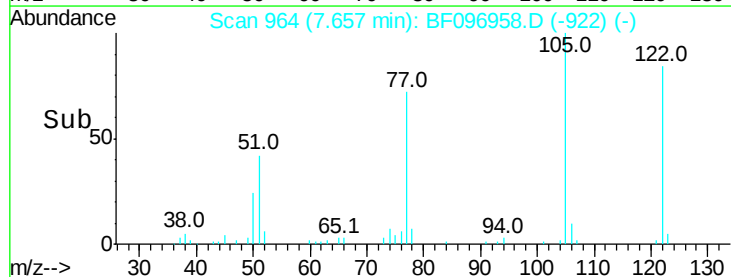
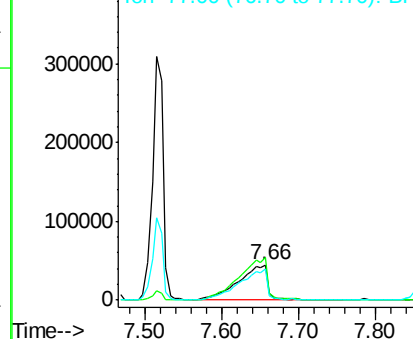
Lab File: BF096958.D

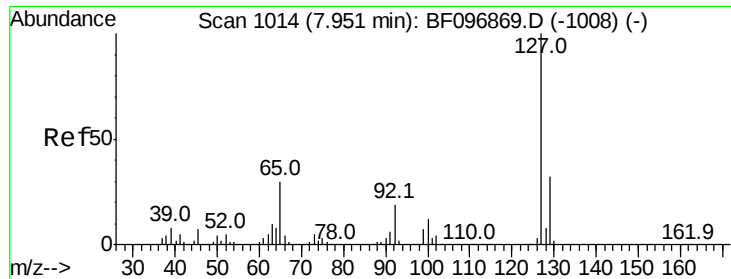
Acq: 21 Jul 2017 21:51

Tgt Ion:	122	Resp:	119481
Ion Ratio	Lower	Upper	
122	100		
105	118.8	103.3	143.3
77	86.5	73.7	113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





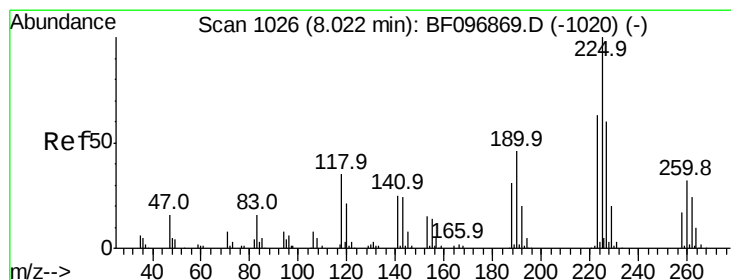
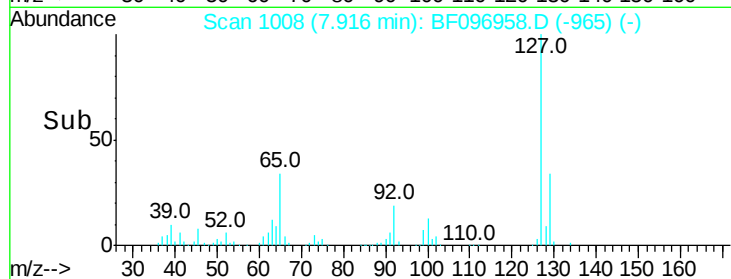
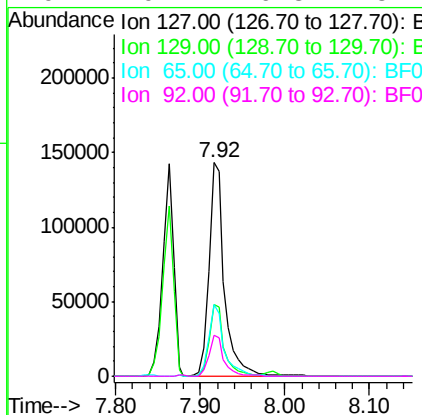
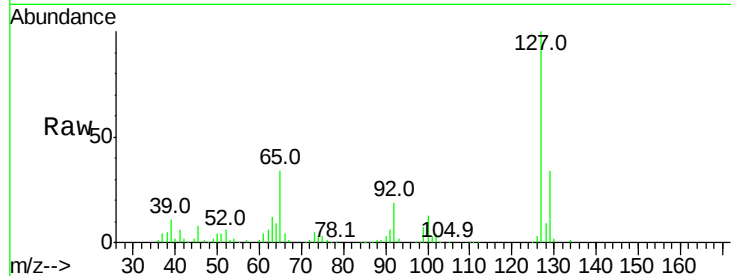
#33
 4-Chloroaniline
 Concen: 19.984 ng
 RT: 7.92 min Scan# 1008
 Delta R.T. -0.05 min
 Lab File: BF096958.D
 Acq: 21 Jul 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.6	26.2	39.2		
65	33.8	27.8	41.8		
92	19.4	16.8	25.2		

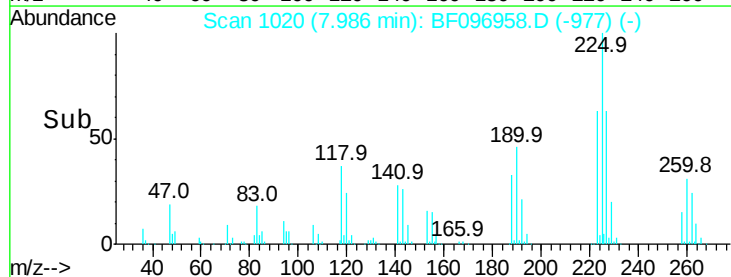
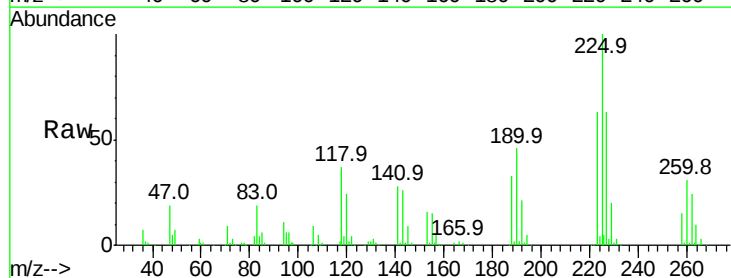
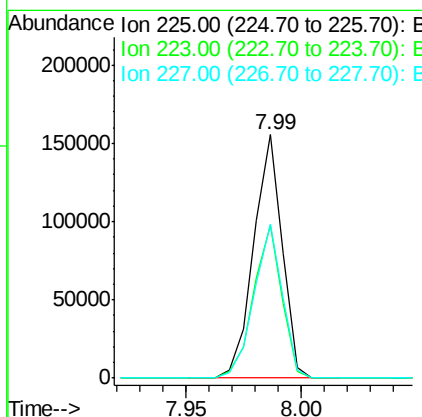
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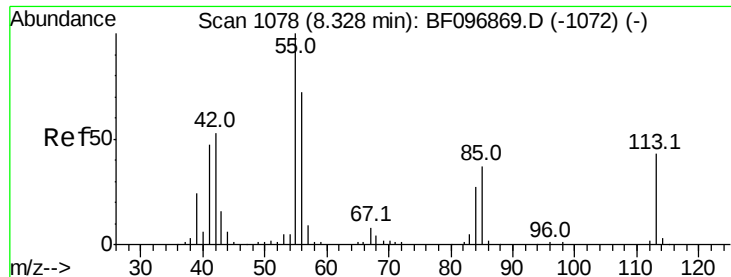
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#34
 Hexachlorobutadiene
 Concen: 38.834 ng
 RT: 7.99 min Scan# 1020
 Delta R.T. -0.05 min
 Lab File: BF096958.D
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	48.8	73.2		
227	63.4	51.1	76.7		





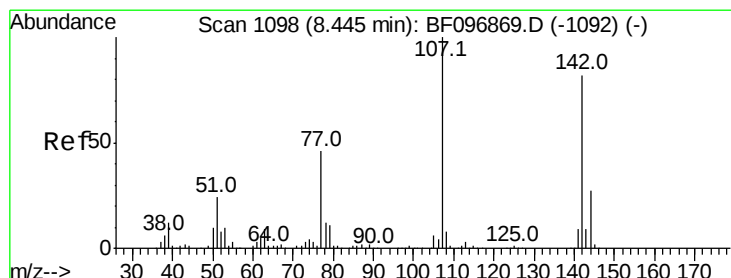
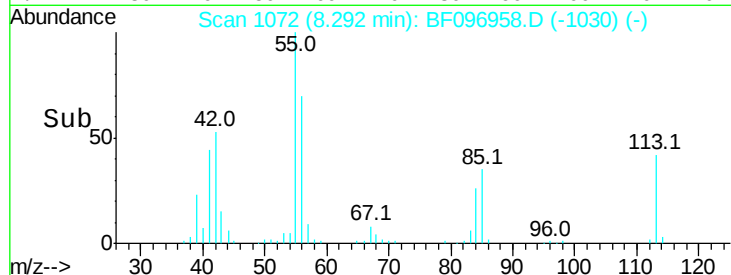
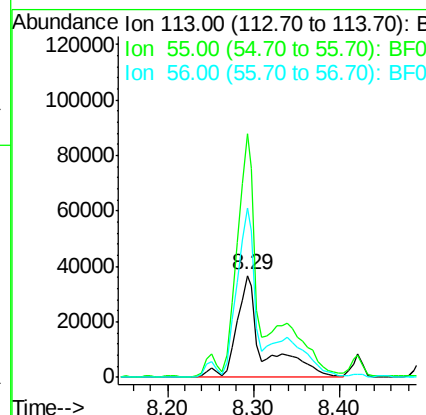
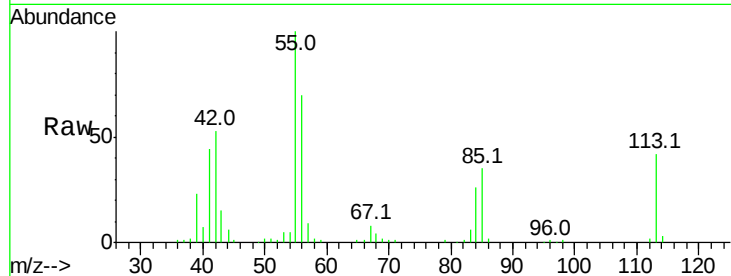
#35
 Caprolactam
 Concen: 37.197 ng/ml
 RT: 8.29 min Scan# 1072
 Delta R.T. -0.05 min
 Lab File: BF096958.D
 Acq: 21 Jul 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-AMSD

Tot Ion:113 Resp: 81227
 Ion Ratio Lower Upper
 113 100
 55 239.8 150.2 190.2#
 56 166.7 107.8 147.8#

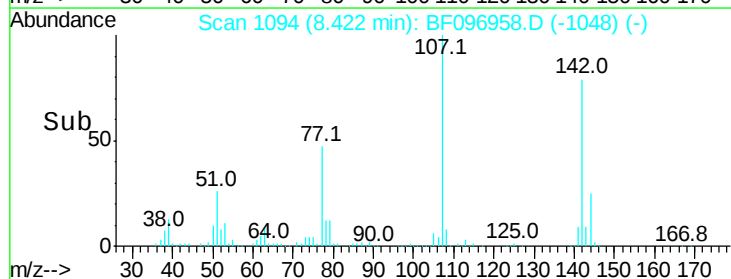
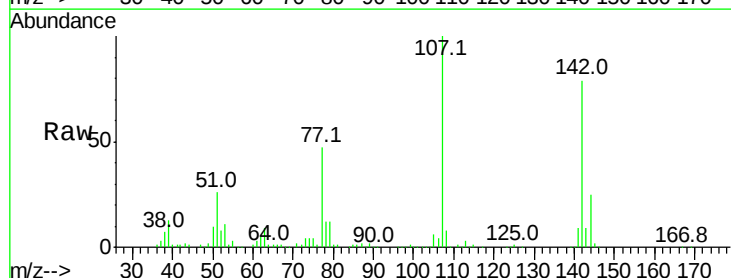
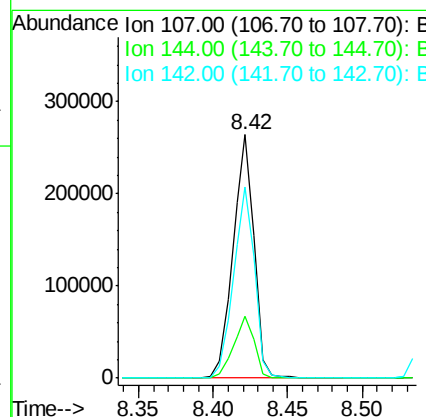
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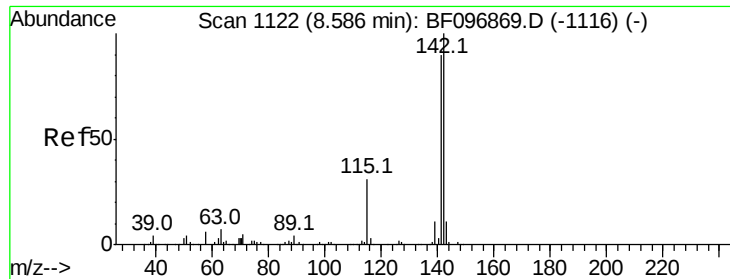
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#36
 4-Chloro-3-methylphenol
 Concen: 35.813 ng/ml
 RT: 8.42 min Scan# 1094
 Delta R.T. -0.03 min
 Lab File: BF096958.D
 Acq: 21 Jul 2017 21:51

Tgt Ion:107 Resp: 262435
 Ion Ratio Lower Upper
 107 100
 144 25.4 24.2 36.4
 142 78.7 73.4 110.0





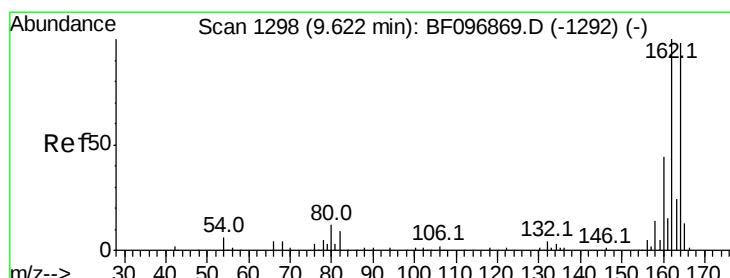
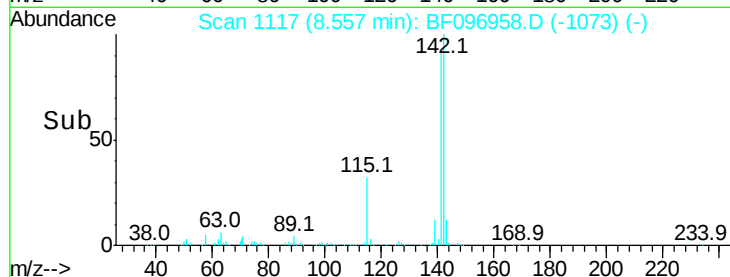
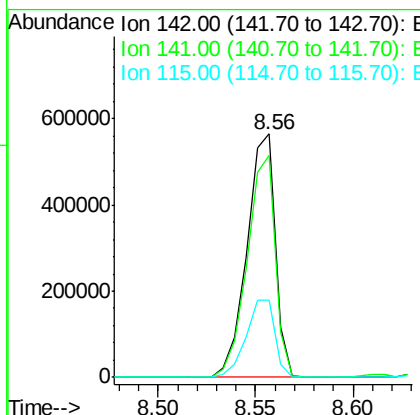
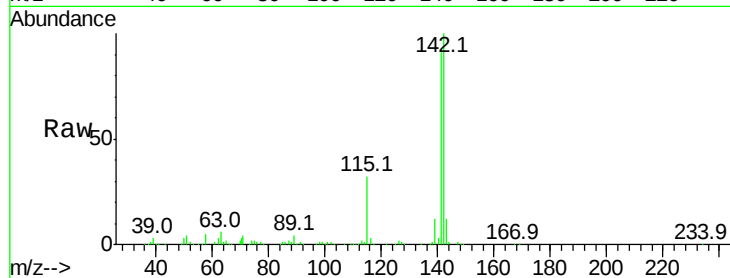
#37
 2-Methylnaphthalene
 Concen: 38.307 ng
 RT: 8.56 min Scan# 1117
 Delta R.T. -0.04 min
 Lab File: BF096958.D
 Acq: 21 Jul 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.3	106.9
115	31.8	27.1	40.7

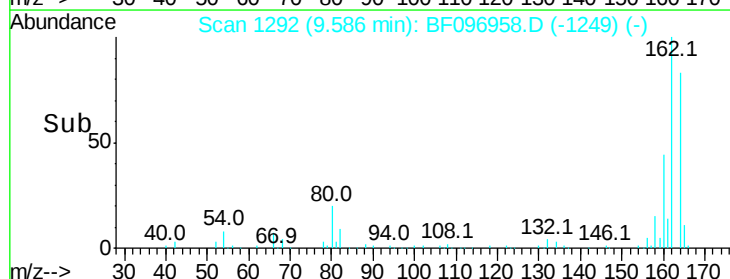
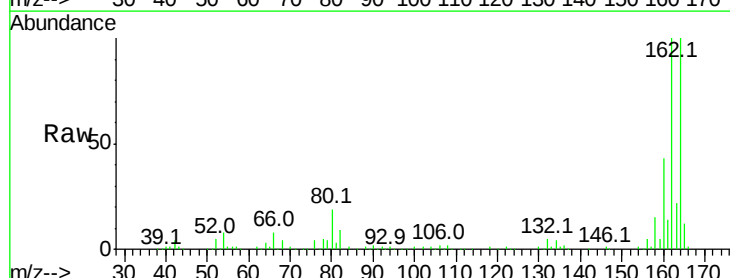
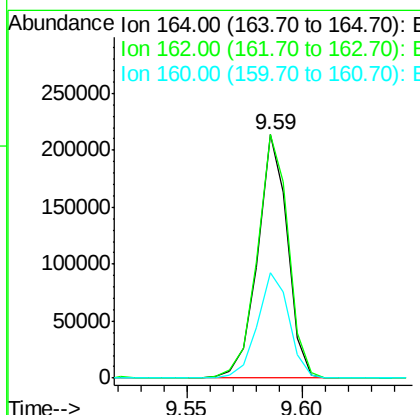
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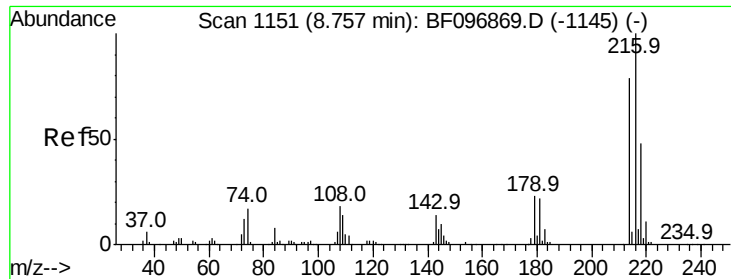
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.59 min Scan# 1292
 Delta R.T. -0.05 min
 Lab File: BF096958.D
 Acq: 21 Jul 2017 21:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.6	123.8
160	43.1	36.2	54.2





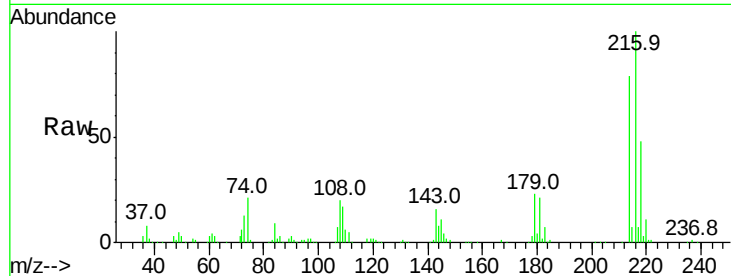
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.831 ng
 RT: 8.72 min Scan# 1145
 Delta R.T. -0.05 min
 Lab File: BF096958.D
 Acq: 21 Jul 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-AMSD

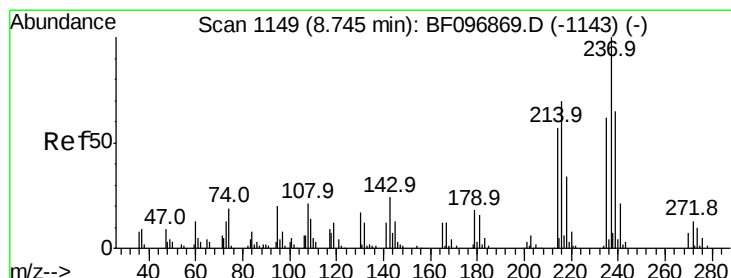
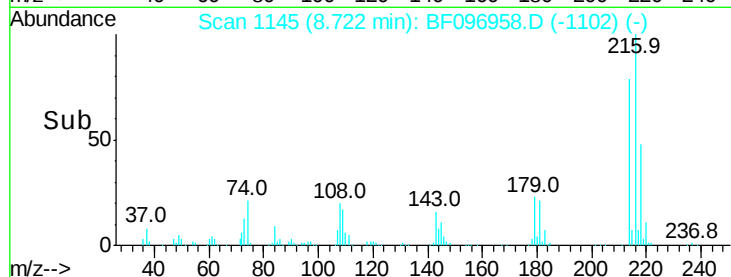
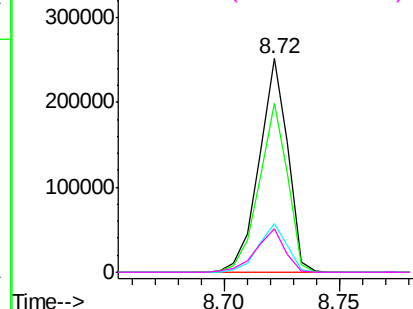
Tot Ion	Ratio	Resp	Lower	Upper
216	100	216940		
214	78.9	63.4	95.2	
179	22.7	17.9	26.9	
108	20.2	16.5	24.7	

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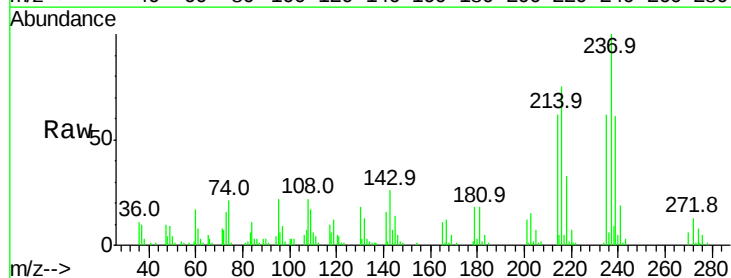


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

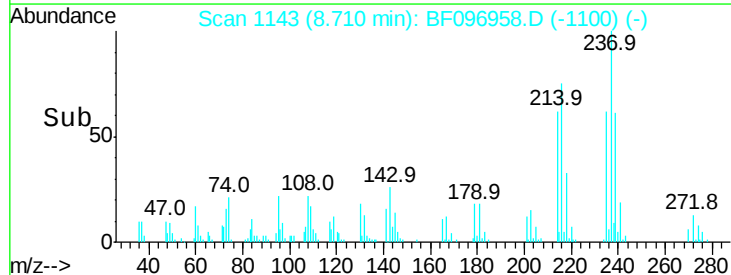
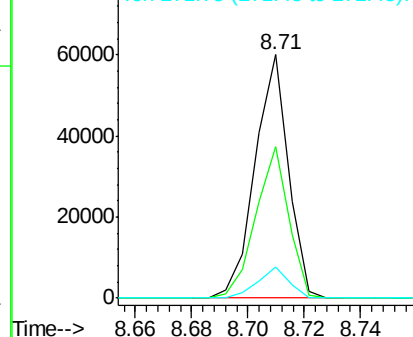


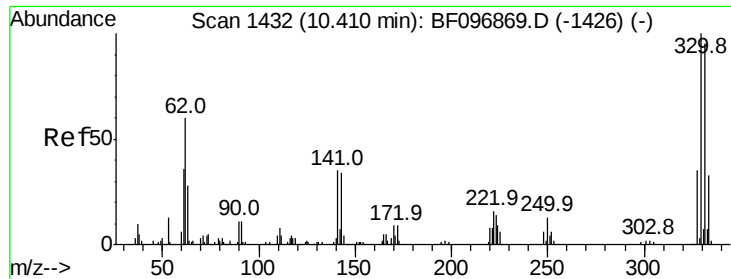
#40
 Hexachlorocyclopentadiene
 Concen: 28.538 ng
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.05 min
 Lab File: BF096958.D
 Acq: 21 Jul 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	48995		
235	62.4	42.6	82.6	
272	12.9	0.0	31.9	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





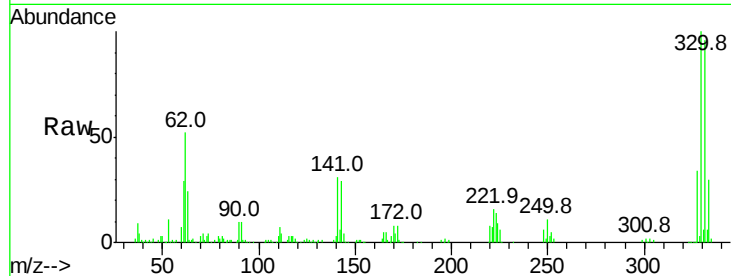
#41
 2,4,6-Tribromophenol
 Concen: 109.788 ng
 RT: 10.38 min Scan# 1427
 Delta R.T. -0.04 min
 Lab File: BF096958.D
 Acq: 21 Jul 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.2	76.6	115.0	
141	40.1	31.4	47.2	

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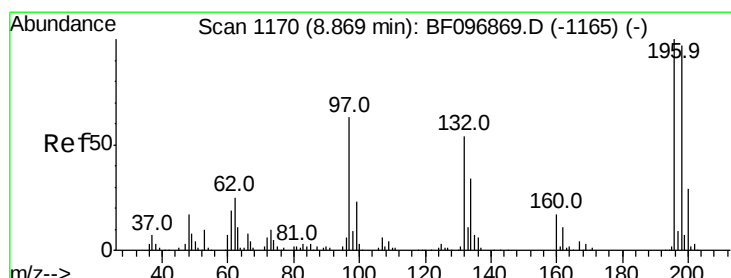
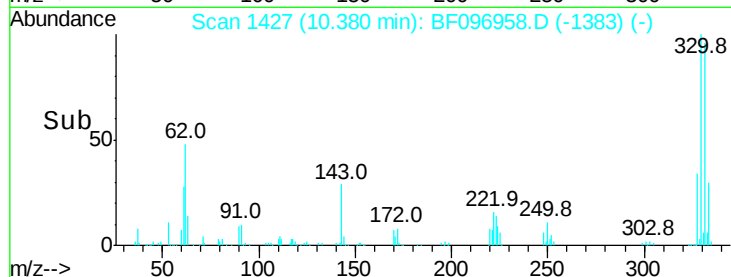
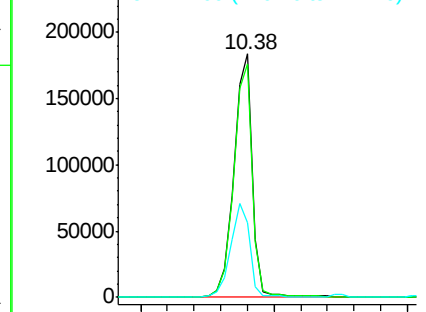


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 40.159 ng
 RT: 8.84 min Scan# 1165
 Delta R.T. -0.04 min
 Lab File: BF096958.D
 Acq: 21 Jul 2017 21:51

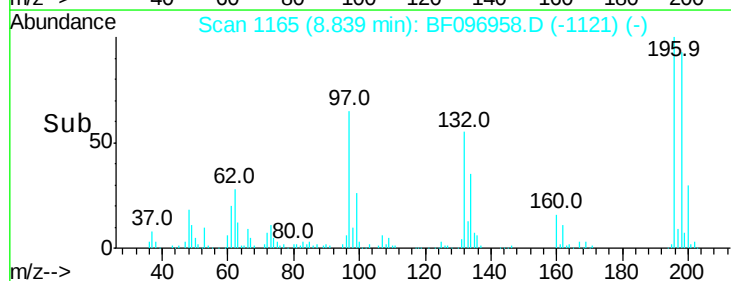
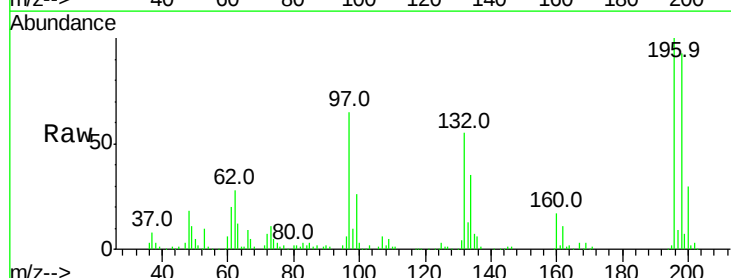
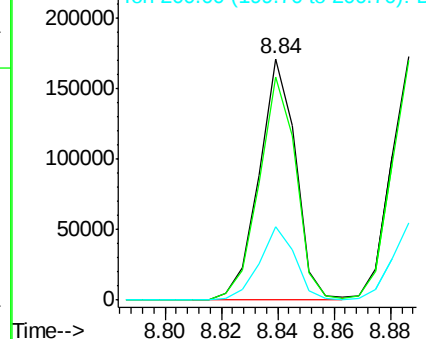
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	92.5	74.2	111.4	
200	30.3	24.0	36.0	

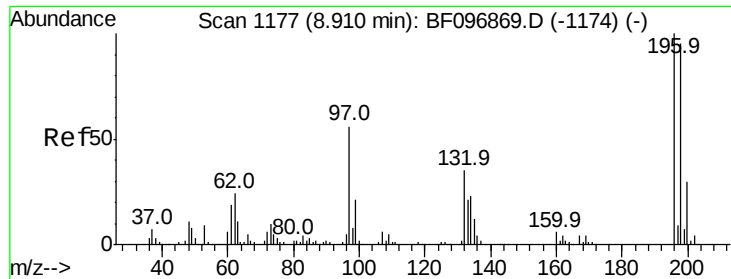
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





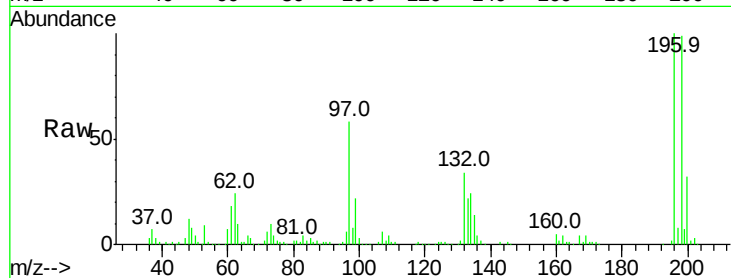
#43
 2,4,5-Trichlorophenol
 Concen: 40.707 ng
 RT: 8.89 min Scan# 1173
 Delta R.T. -0.04 min
 Lab File: BF096958.D
 Acq: 21 Jul 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-AMSD

Tot Ion	196	Resp	157052
Ion Ratio	Lower	Upper	
196	100		
198	98.7	75.7	113.5
97	57.6	47.7	71.5
132	34.4	28.0	42.0

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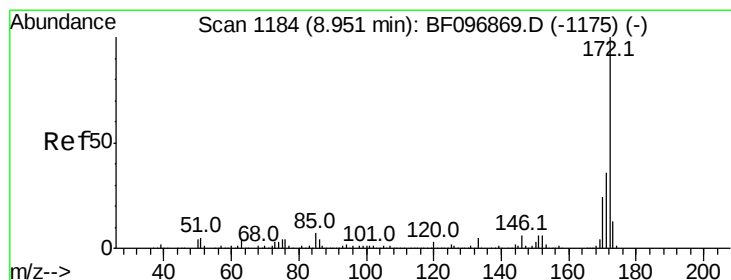
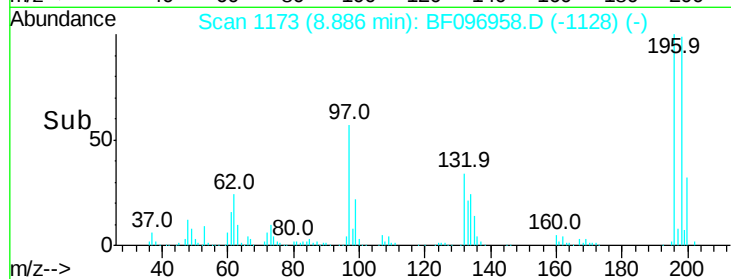
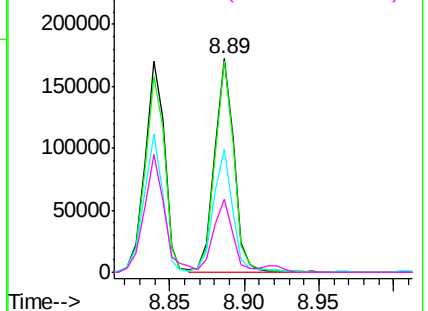
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.860 ng
 RT: 8.92 min Scan# 1179
 Delta R.T. -0.04 min
 Lab File: BF096958.D
 Acq: 21 Jul 2017 21:51

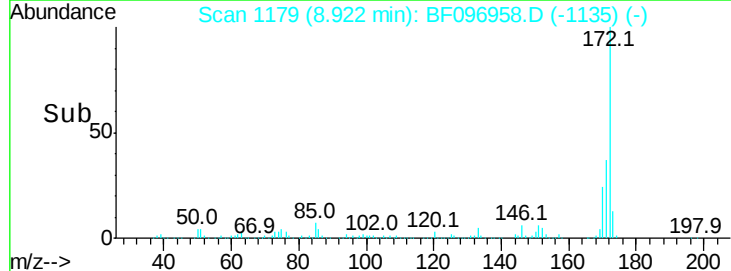
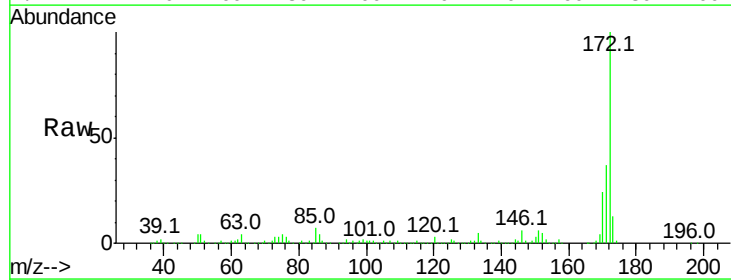
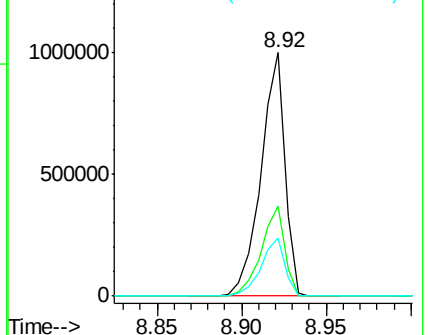
Tgt Ion	172	Resp	981868
Ion Ratio	Lower	Upper	
172	100		
171	36.9	29.6	44.4
170	23.8	19.8	29.8

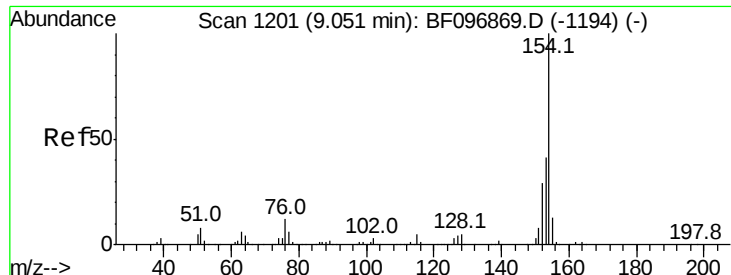
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.674 ng

RT: 9.02 min Scan# 1195

Delta R.T. -0.05 min

Lab File: BF096958.D

Acq: 21 Jul 2017 21:51

Instrument :

BNA_F

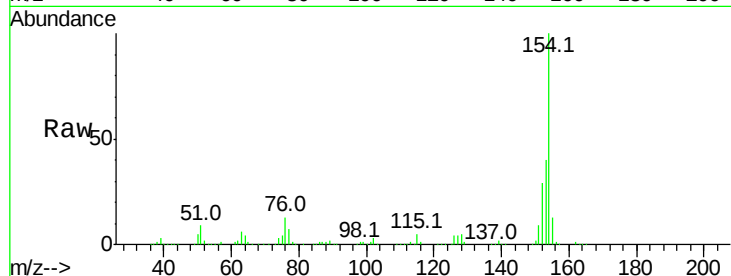
ClientSampleId :

FK-SF-03-001-AMSD

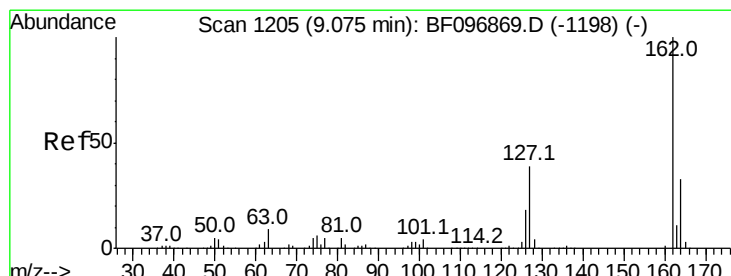
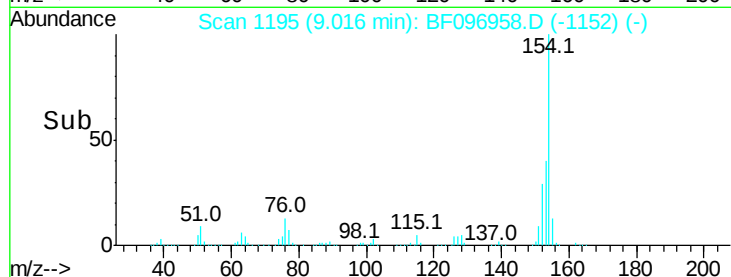
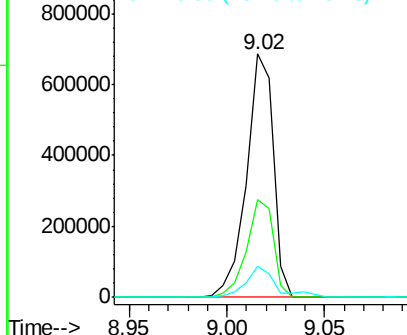
Tot Ion:	154	Resp:	652786
Ion Ratio	Lower	Upper	
154	100		
153	40.3	21.2	61.2
76	12.9	0.0	29.9

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.887 ng

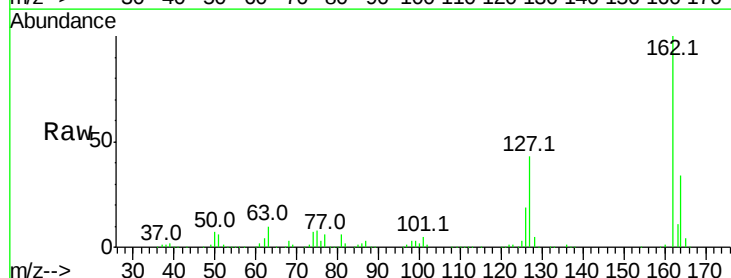
RT: 9.04 min Scan# 1199

Delta R.T. -0.05 min

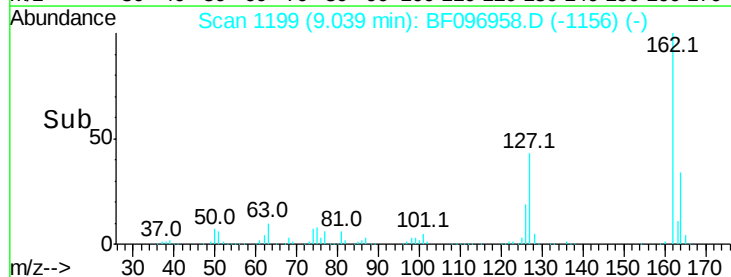
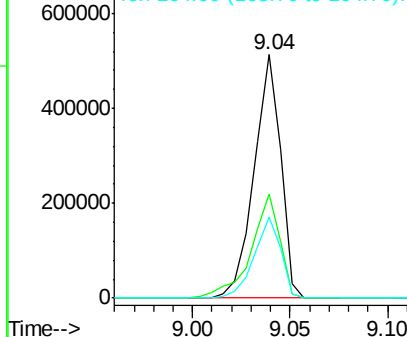
Lab File: BF096958.D

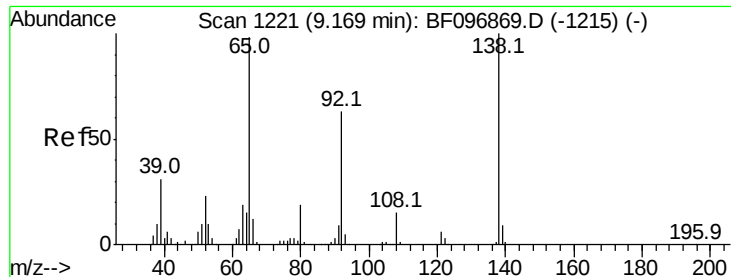
Acq: 21 Jul 2017 21:51

Tgt Ion:	162	Resp:	483265
Ion Ratio	Lower	Upper	
162	100		
127	42.6	28.3	42.5#
164	33.5	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





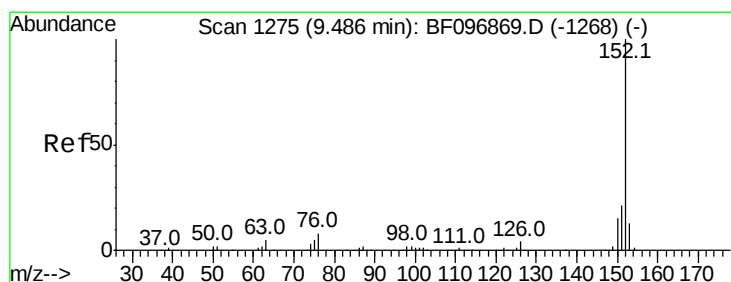
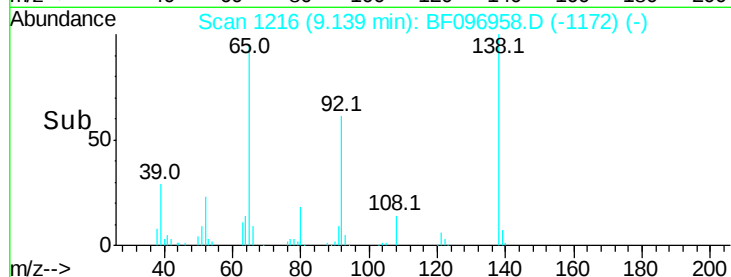
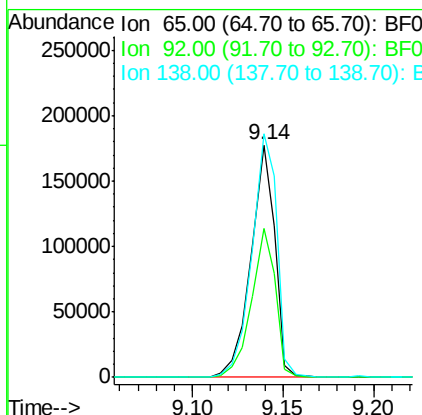
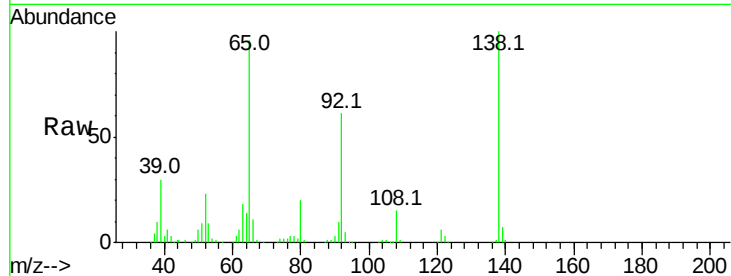
#47
2-Nitroaniline
Concen: 39.332 ng
RT: 9.14 min Scan# 1216
Delta R.T. -0.04 min
Lab File: BF096958.D
Acq: 21 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.1	53.9	80.9
138	104.6	78.8	118.2

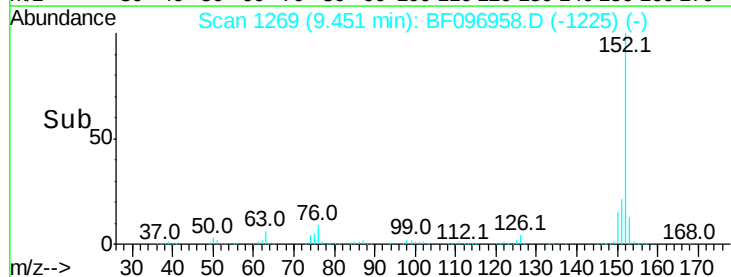
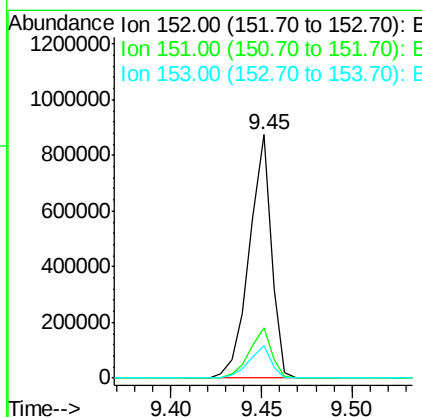
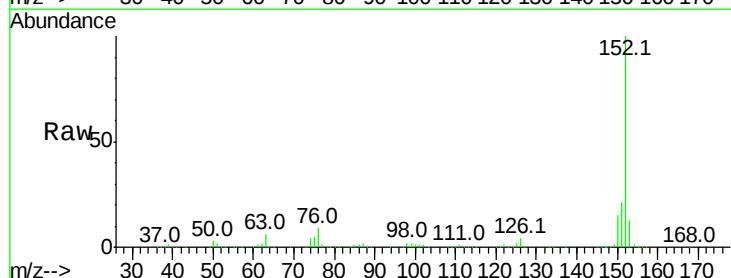
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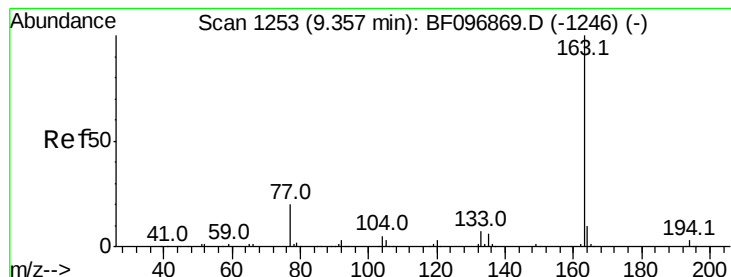
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#48
Acenaphthylene
Concen: 38.571 ng
RT: 9.45 min Scan# 1269
Delta R.T. -0.04 min
Lab File: BF096958.D
Acq: 21 Jul 2017 21:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.2	10.8	16.2





#49

Dimethylphthalate

Concen: 49.986 ng

RT: 9.33 min Scan# 1248

Delta R.T. -0.04 min

Lab File: BF096958.D

Acq: 21 Jul 2017 21:51

Instrument :

BNA_F

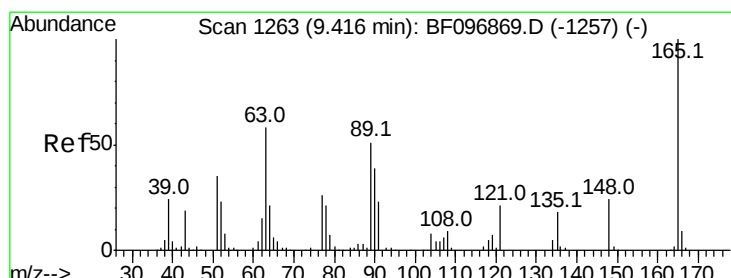
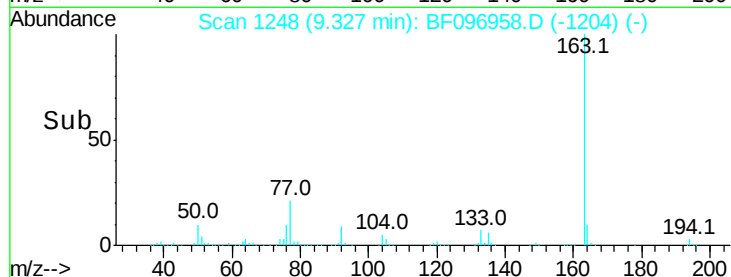
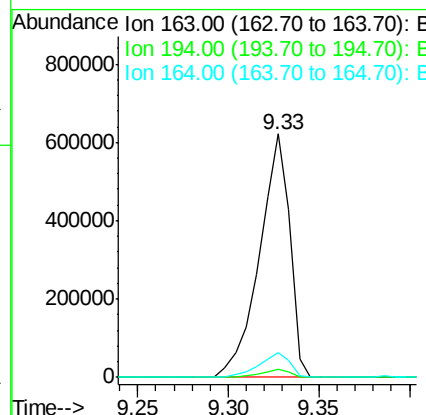
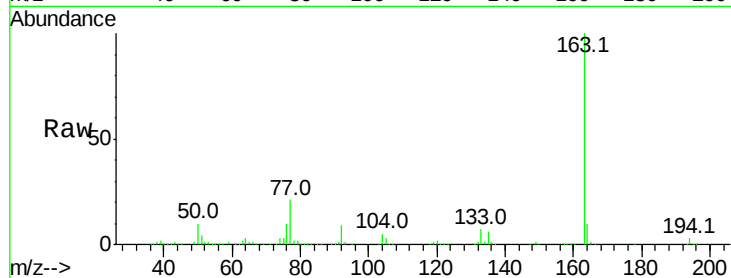
ClientSampleId :

FK-SF-03-001-AMSD

Tot Ion:	163	Resp:	722074
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.6	4.0
164	10.1	8.4	12.6

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#50

2,6-Dinitrotoluene

Concen: 39.878 ng

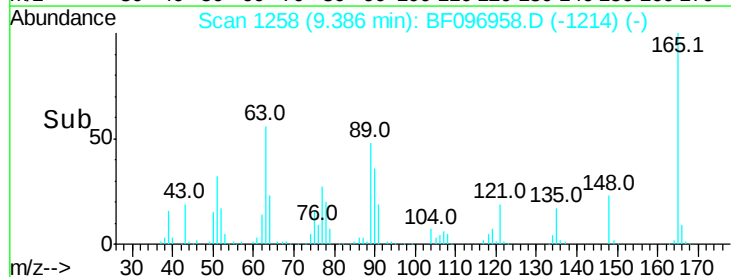
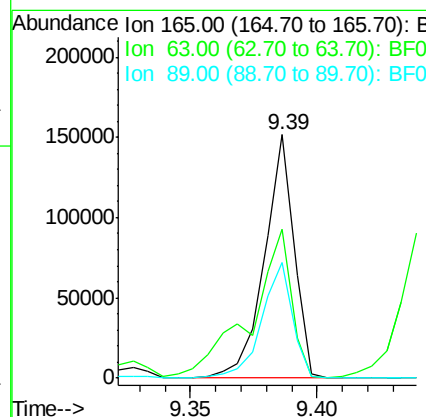
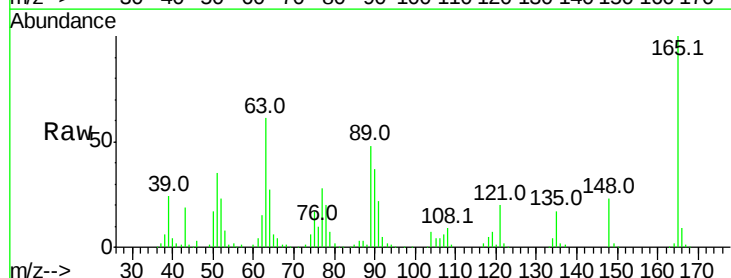
RT: 9.39 min Scan# 1258

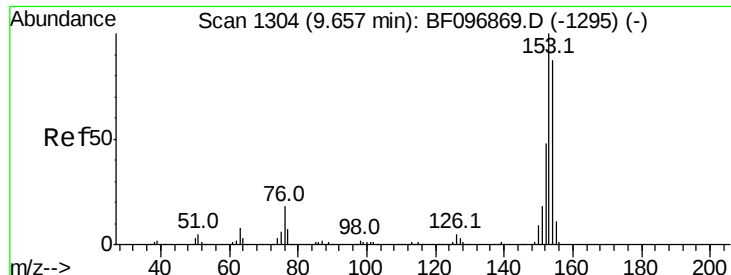
Delta R.T. -0.04 min

Lab File: BF096958.D

Acq: 21 Jul 2017 21:51

Tgt Ion:	165	Resp:	124773
Ion Ratio	Lower	Upper	
165	100		
63	61.0	34.3	51.5#
89	47.6	37.1	55.7





#51

Acenaphthene

Concen: 38.470 ng

RT: 9.62 min Scan# 1298

Delta R.T. -0.05 min

Lab File: BF096958.D

Acq: 21 Jul 2017 21:51

Instrument :

BNA_F

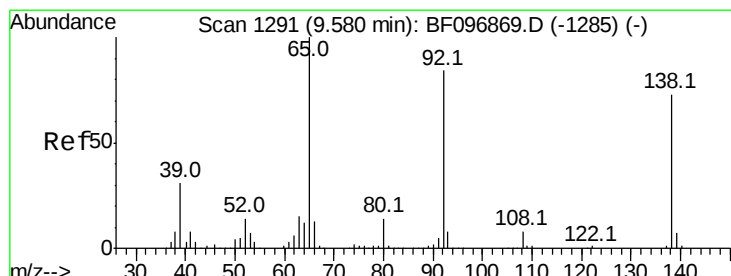
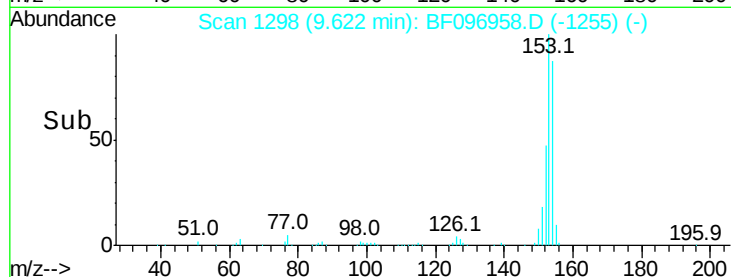
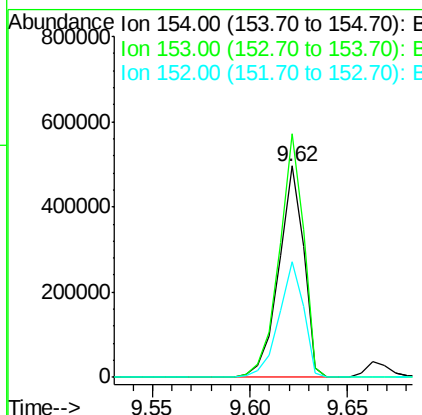
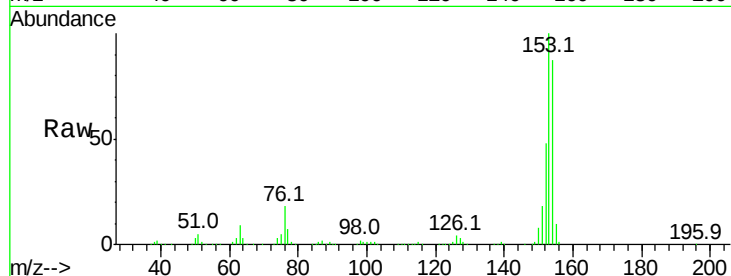
ClientSampleId :

FK-SF-03-001-AMSD

Tot Ion:	154	Resp:	438707
Ion Ratio	Lower	Upper	
154	100		
153	115.4	90.5	135.7
152	55.0	43.6	65.4

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#52

3-Nitroaniline

Concen: 24.939 ng

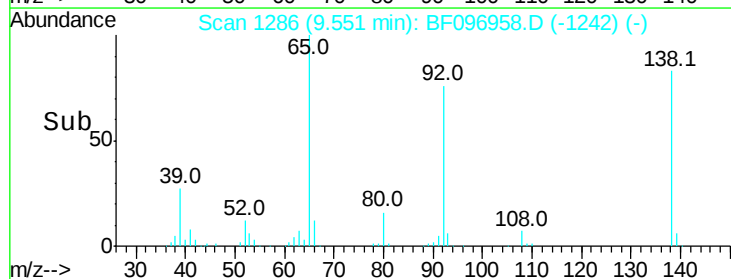
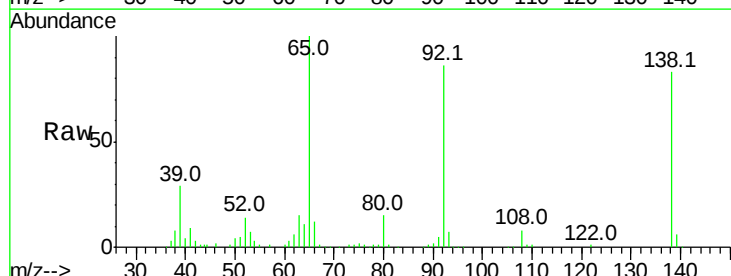
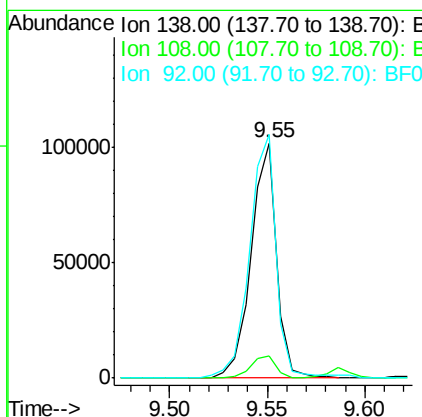
RT: 9.55 min Scan# 1286

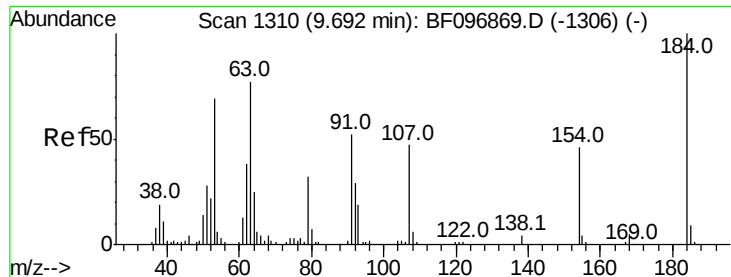
Delta R.T. -0.04 min

Lab File: BF096958.D

Acq: 21 Jul 2017 21:51

Tgt Ion:	138	Resp:	92441
Ion Ratio	Lower	Upper	
138	100		
108	9.2	9.1	13.7
92	103.6	93.8	140.6





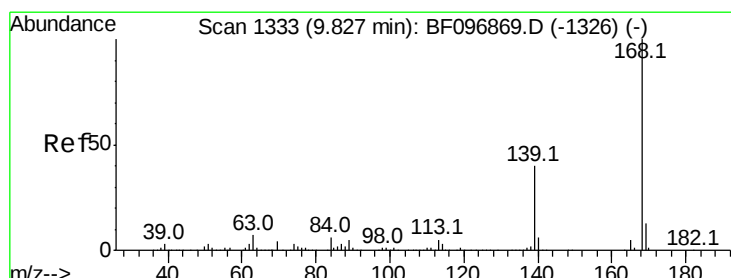
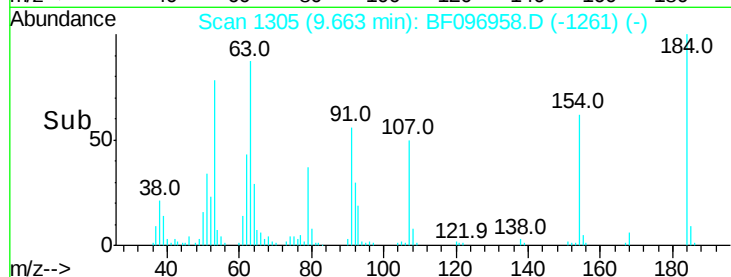
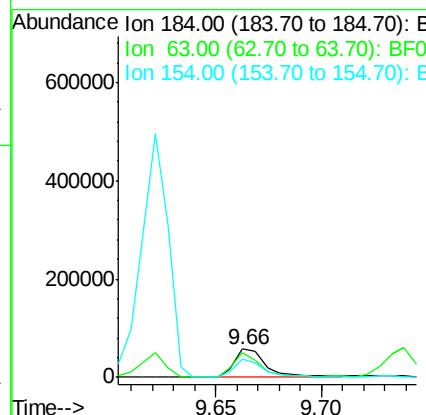
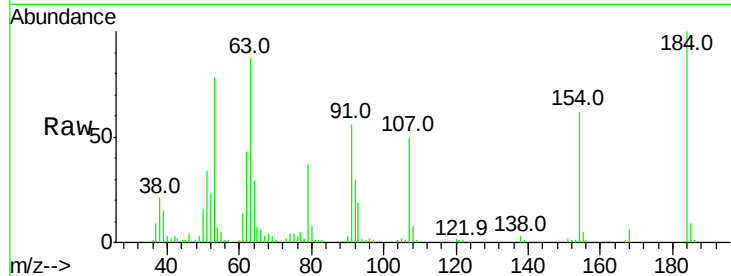
#53
 2,4-Dinitrophenol
 Concen: 42.702 ng
 RT: 9.66 min Scan# 1305
 Delta R.T. -0.04 min
 Lab File: BF096958.D
 Acq: 21 Jul 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	60840		
63	86.7	62.7	94.1	
154	62.4	81.1	121.7#	

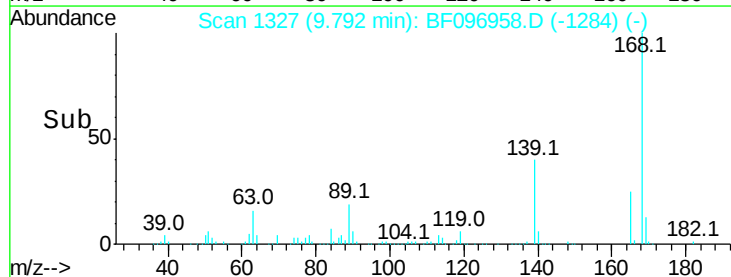
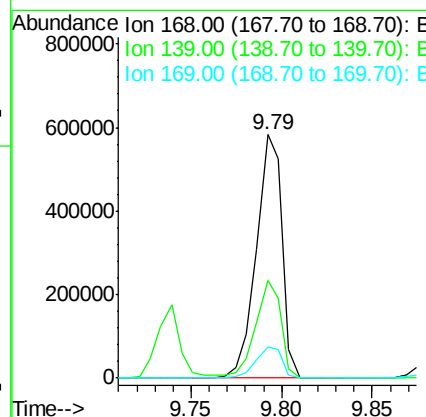
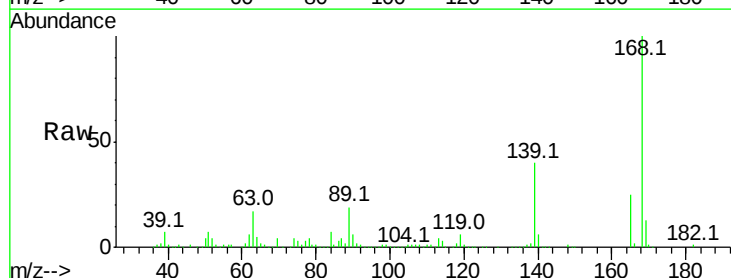
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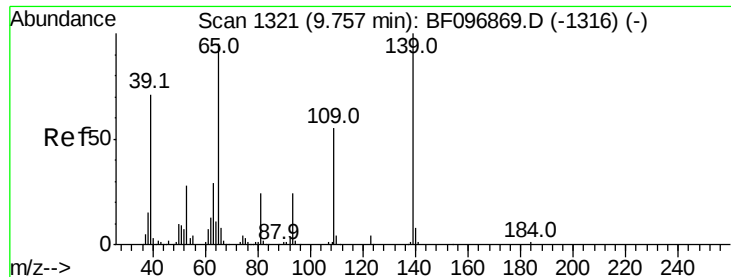
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#54
 Dibenzofuran
 Concen: 35.891 ng
 RT: 9.79 min Scan# 1327
 Delta R.T. -0.05 min
 Lab File: BF096958.D
 Acq: 21 Jul 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	573562		
139	40.3	30.6	45.8	
169	12.9	10.8	16.2	





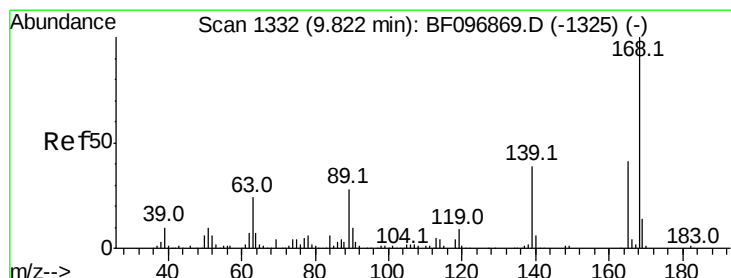
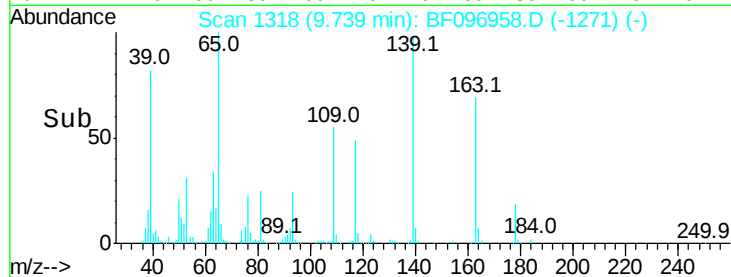
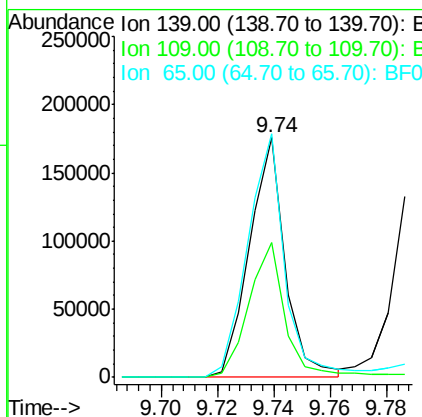
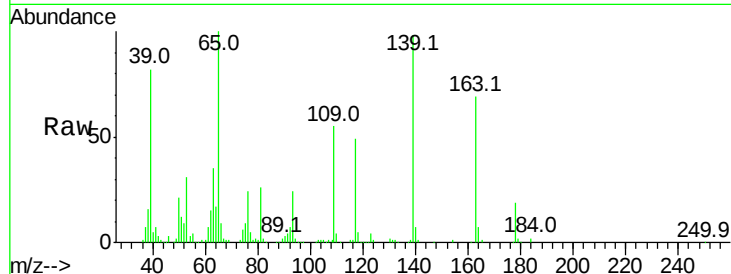
#55
4-Nitrophenol
Concen: 57.102 ng
RT: 9.74 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF096958.D
Acq: 21 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	154631		
109	56.0	34.1	74.1	
65	101.6	31.4	71.4#	

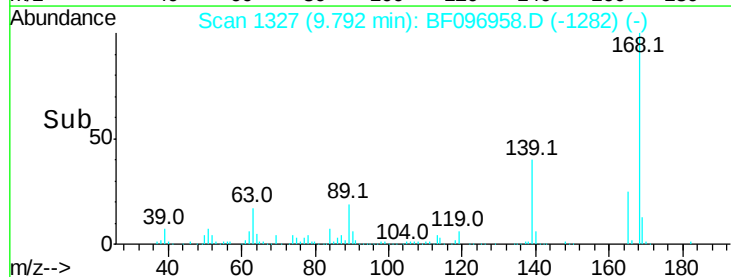
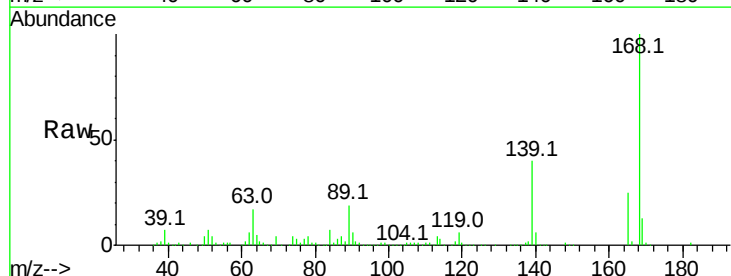
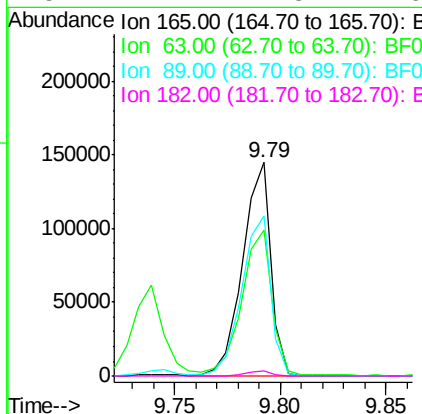
Manual Integrations
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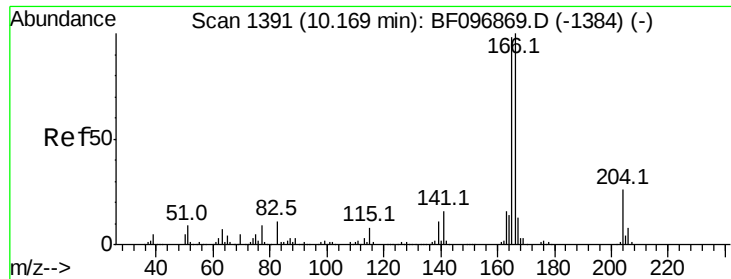
Sohil
7/24/2017 3:05:24 PM



#56
2,4-Dinitrotoluene
Concen: 33.296 ng
RT: 9.79 min Scan# 1327
Delta R.T. -0.04 min
Lab File: BF096958.D
Acq: 21 Jul 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	133870		
63	68.1	25.4	38.0#	
89	75.1	46.4	69.6#	
182	2.2	1.8	2.6	





#57

Fluorene

Concen: 38.627 ng

RT: 10.14 min Scan# 1386

Delta R.T. -0.04 min

Lab File: BF096958.D

Acq: 21 Jul 2017 21:51

Instrument :

BNA_F

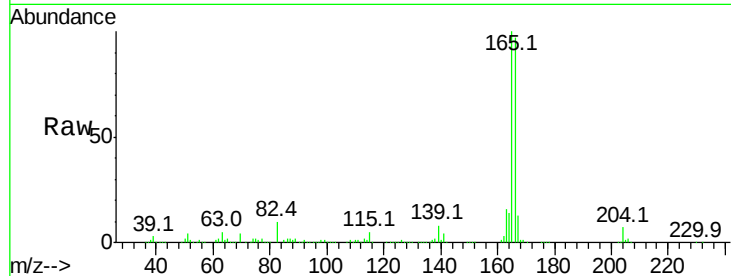
ClientSampleId :

FK-SF-03-001-AMSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	103.0	78.8	118.2
167	13.0	10.6	16.0

Manual Integrations
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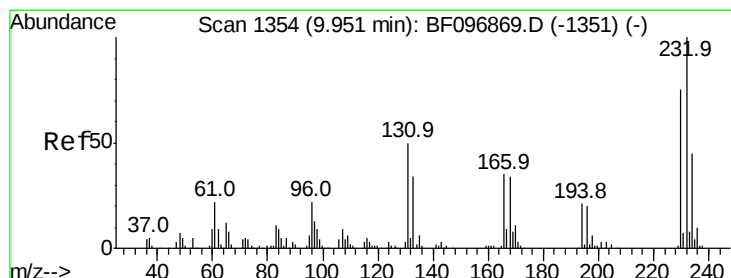
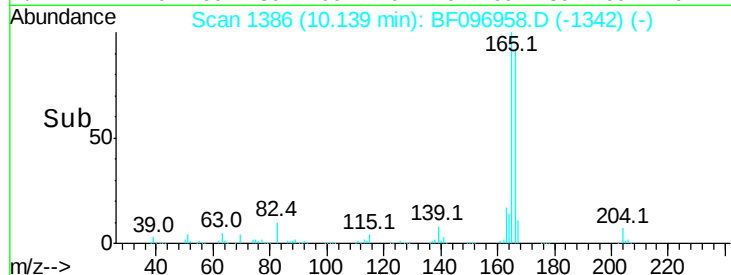
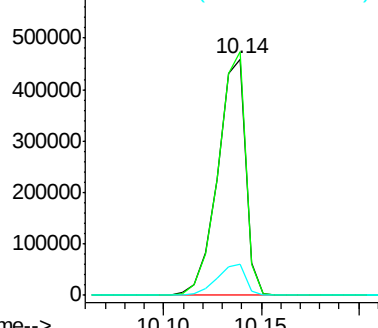


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.714 ng

RT: 9.92 min Scan# 1349

Delta R.T. -0.04 min

Lab File: BF096958.D

Acq: 21 Jul 2017 21:51

Tgt Ion	Ratio	Lower	Upper
232	100		
131	52.9	44.8	67.2
130	2.3	2.3	3.5#
166	33.8	29.0	43.4

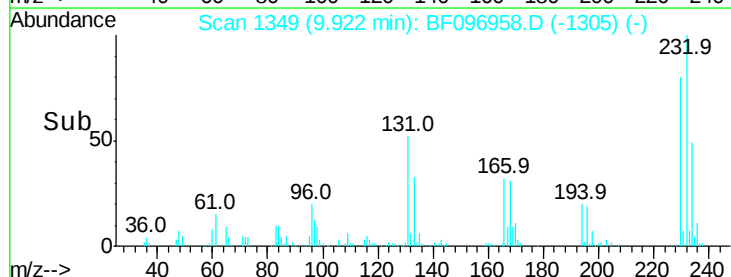
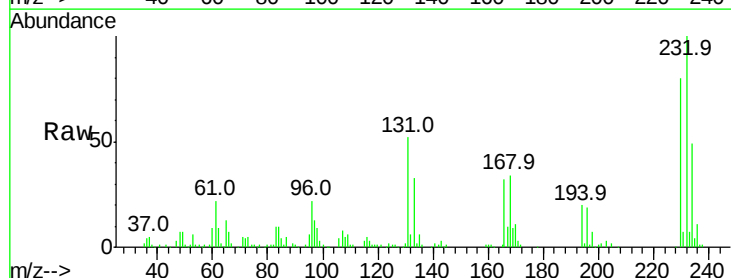
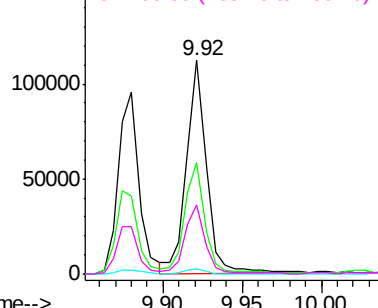
Abundance

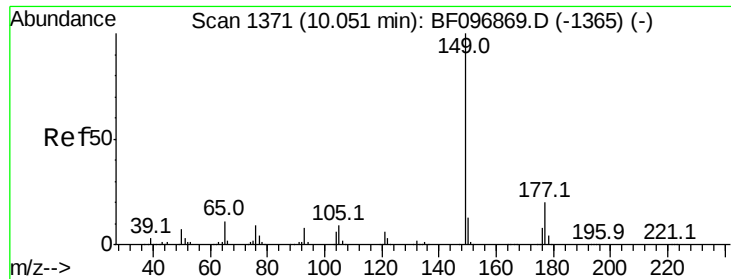
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





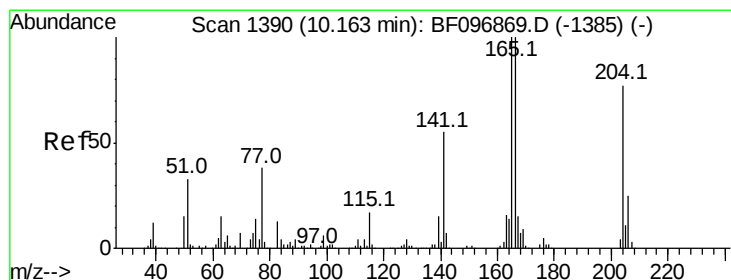
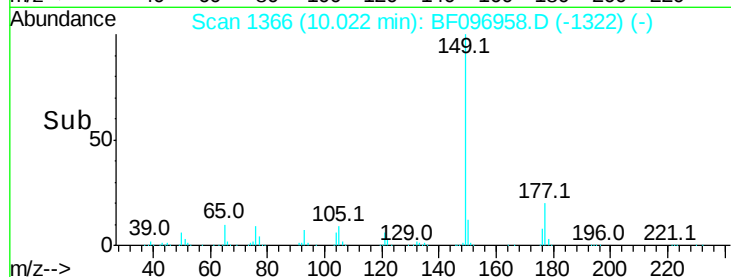
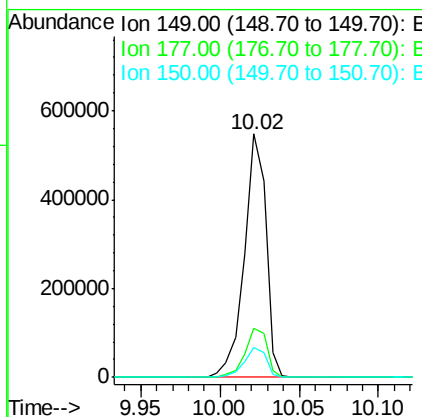
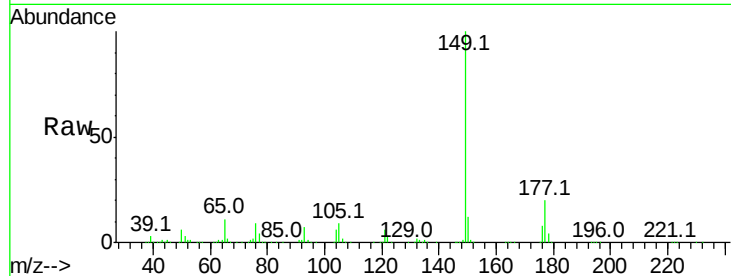
#59
Diethylphthalate
Concen: 36.765 ng
RT: 10.02 min Scan# 1366
Delta R.T. -0.04 min
Lab File: BF096958.D
Acq: 21 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.1	16.7	25.1
150	12.3	10.2	15.2

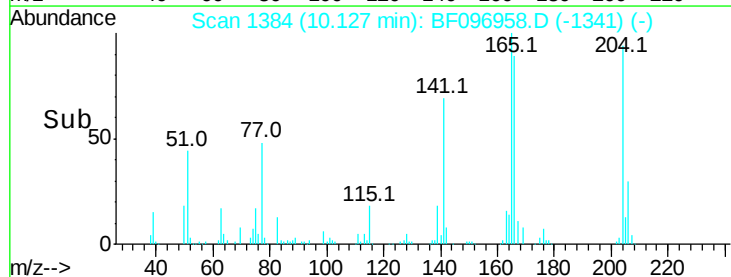
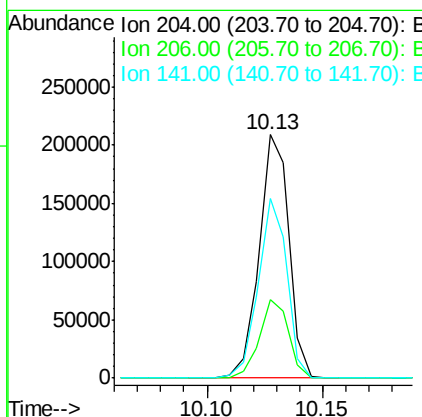
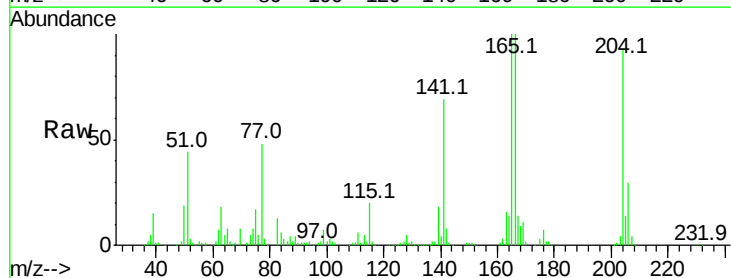
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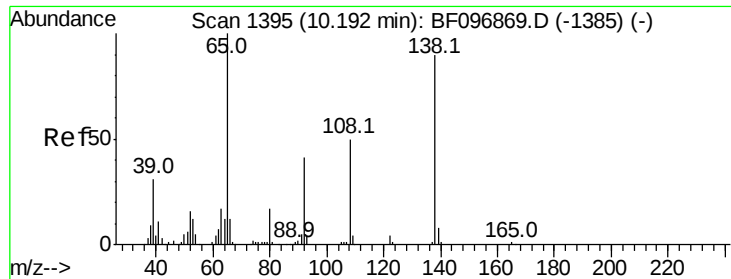
Sohil
7/24/2017 3:05:24 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.571 ng
RT: 10.13 min Scan# 1384
Delta R.T. -0.05 min
Lab File: BF096958.D
Acq: 21 Jul 2017 21:51

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.2	39.2
141	73.9	60.8	91.2





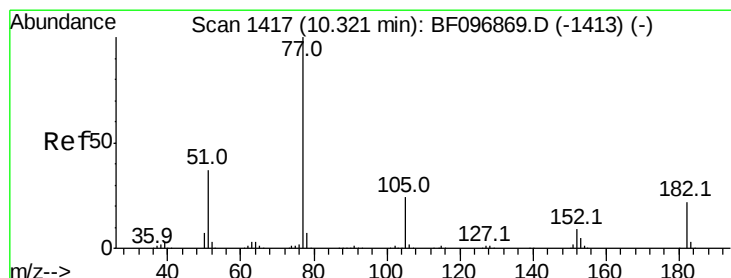
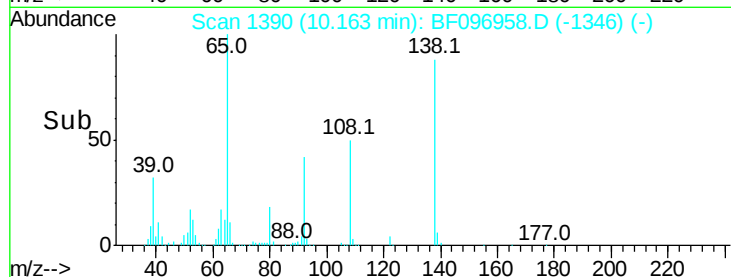
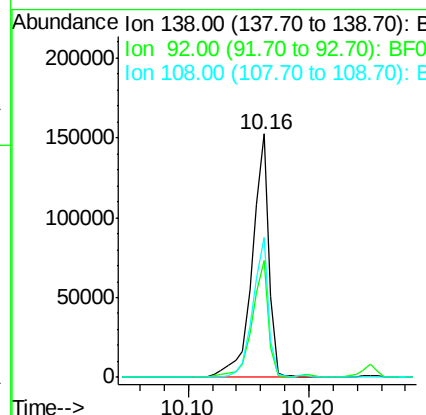
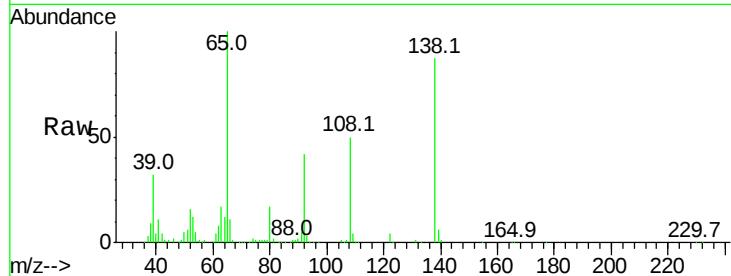
#61
4-Nitroaniline
Concen: 41.958 ng
RT: 10.16 min Scan# 1390
Delta R.T. -0.04 min
Lab File: BF096958.D
Acq: 21 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.9	21.8	61.8
108	57.3	42.3	82.3

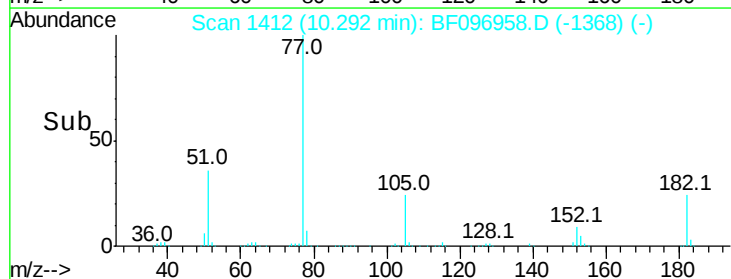
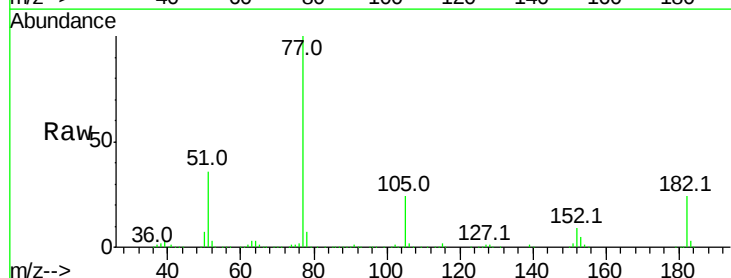
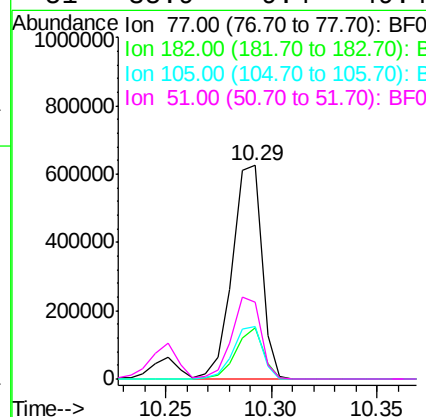
Manual Integrations
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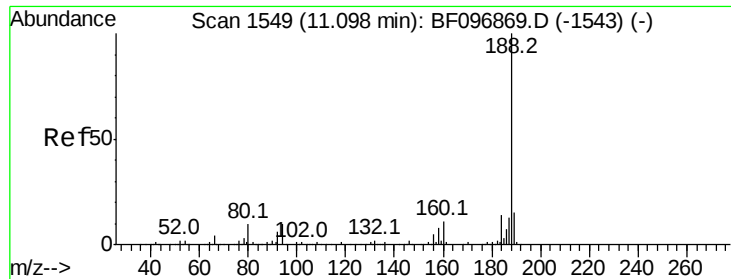
Sohil
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#62
Azobenzene
Concen: 48.634 ng
RT: 10.29 min Scan# 1412
Delta R.T. -0.04 min
Lab File: BF096958.D
Acq: 21 Jul 2017 21:51

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.3	0.1	40.1
105	24.4	3.6	43.6
51	35.9	9.4	49.4





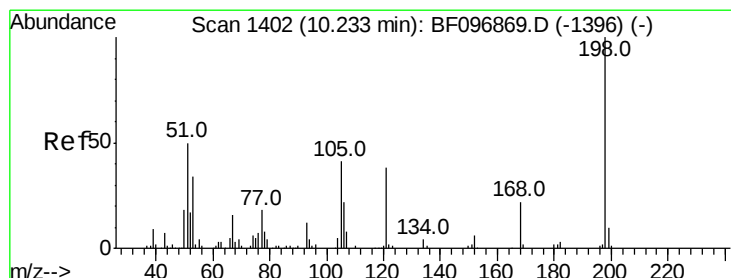
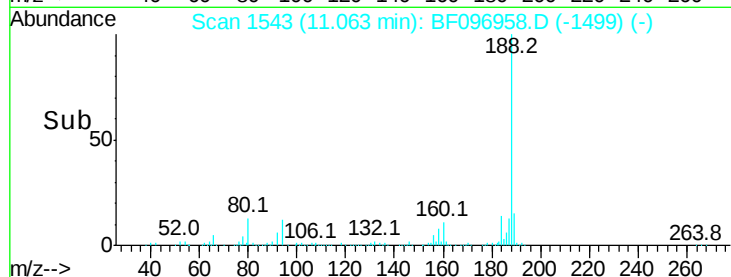
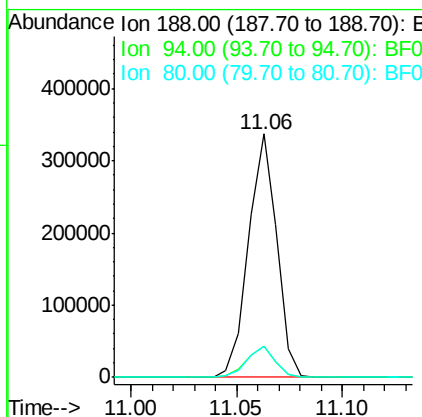
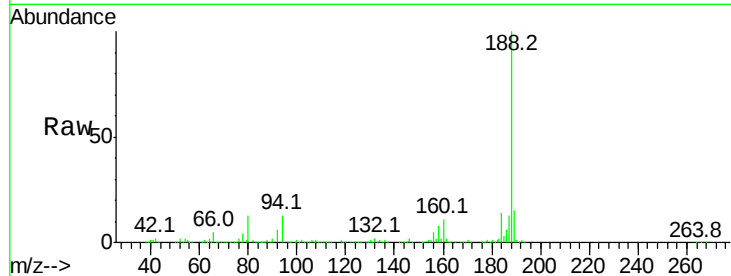
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.06 min Scan# 1543
Delta R.T. -0.04 min
Lab File: BF096958.D
Acq: 21 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	12.5	9.4	14.2	
80	13.0	10.2	15.2	

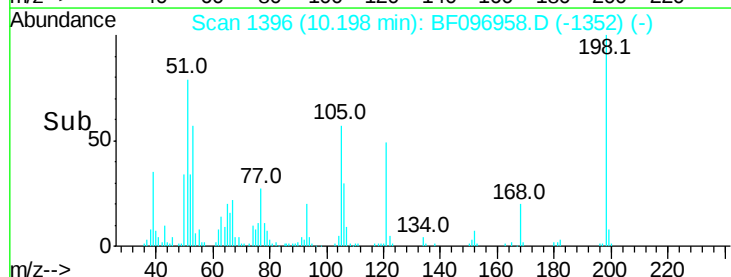
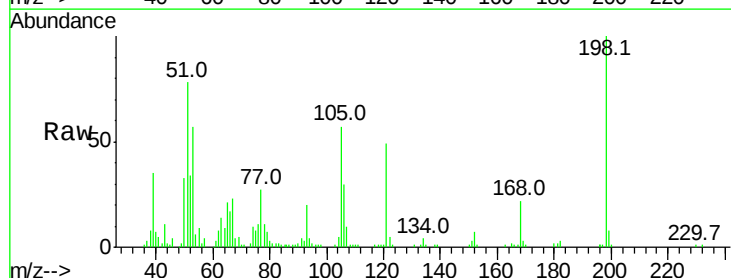
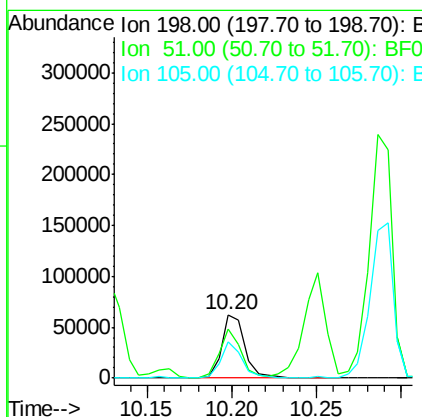
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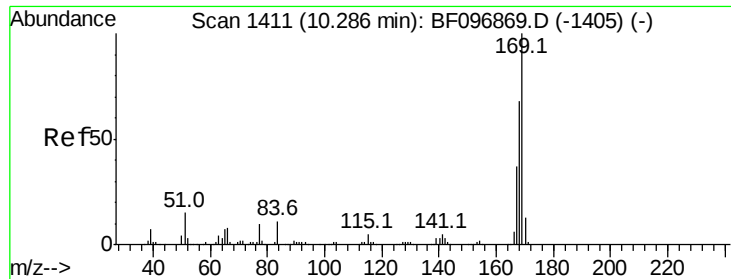
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 30.423 ng
RT: 10.20 min Scan# 1396
Delta R.T. -0.04 min
Lab File: BF096958.D
Acq: 21 Jul 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	78.4	53.2	93.2	
105	56.6	45.8	85.8	





#65

n-Nitrosodiphenylamine

Concen: 43.381 ng

RT: 10.25 min Scan# 1405

Delta R.T. -0.04 min

Lab File: BF096958.D

Acq: 21 Jul 2017 21:51

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-001-AMSD

Tot Ion:169 Resp: 486516

Ion Ratio Lower Upper

169 100

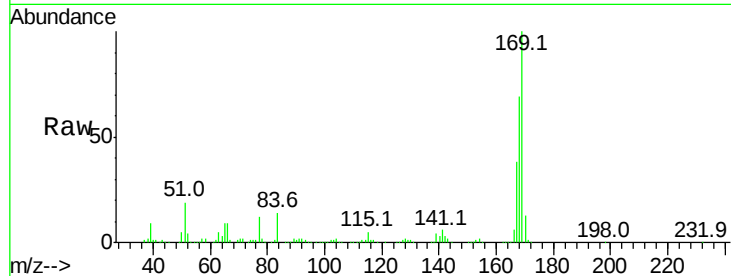
168 69.2 53.2 79.8

167 38.2 29.5 44.3

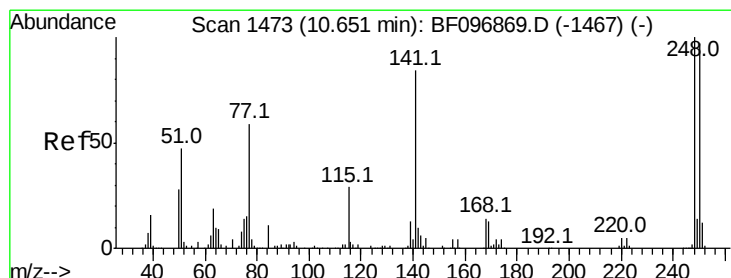
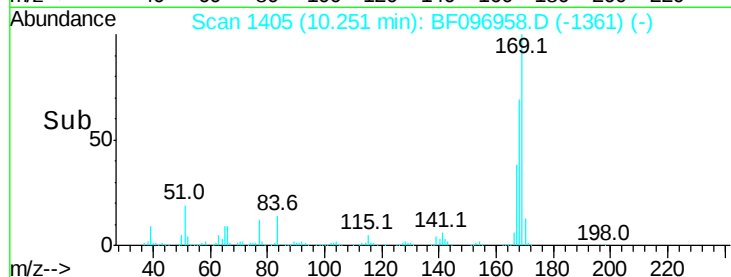
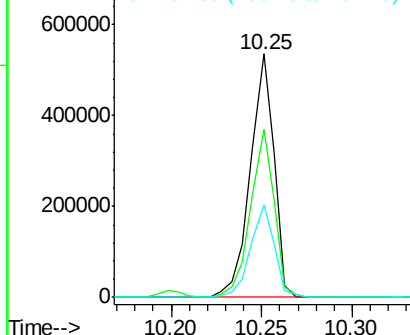
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.420 ng

RT: 10.62 min Scan# 1467

Delta R.T. -0.04 min

Lab File: BF096958.D

Acq: 21 Jul 2017 21:51

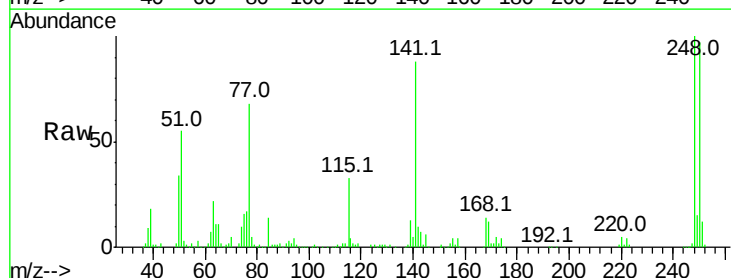
Tgt Ion:248 Resp: 139081

Ion Ratio Lower Upper

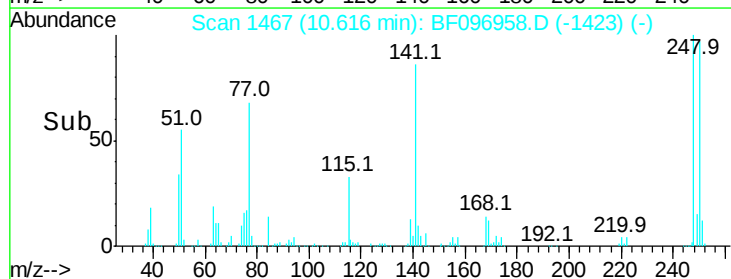
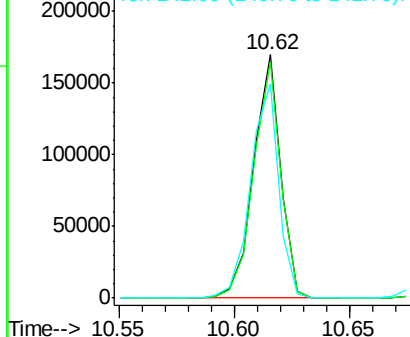
248 100

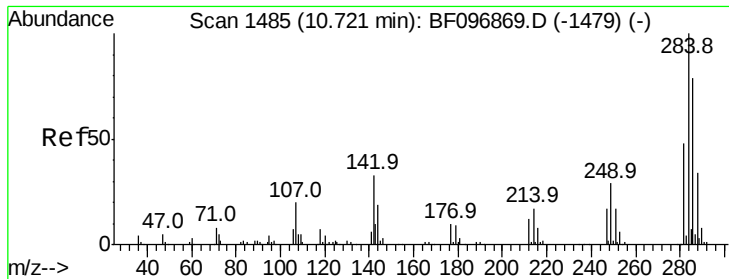
250 96.9 76.8 115.2

141 87.9 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.501 ng

RT: 10.69 min Scan# 1479

Delta R.T. -0.04 min

Lab File: BF096958.D

Acq: 21 Jul 2017 21:51

Instrument :

BNA_F

ClientSampleId :

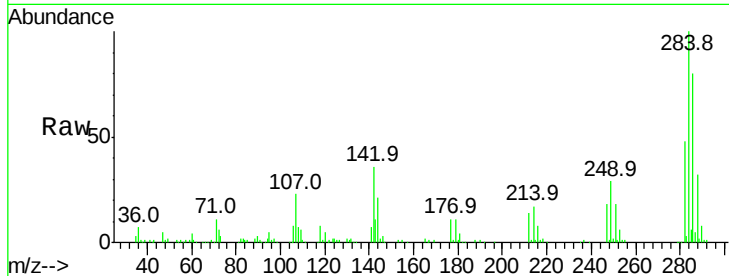
FK-SF-03-001-AMSD

Tot Ion:	284	Resp:	140924
Ion Ratio	Lower	Upper	
284	100		
142	36.4	22.8	34.2#
249	28.7	24.0	36.0

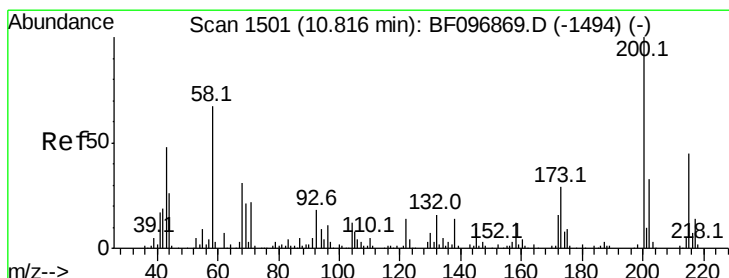
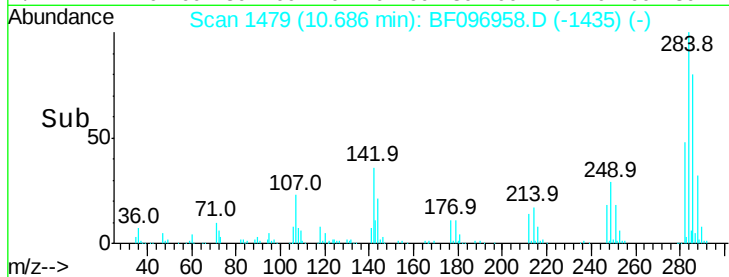
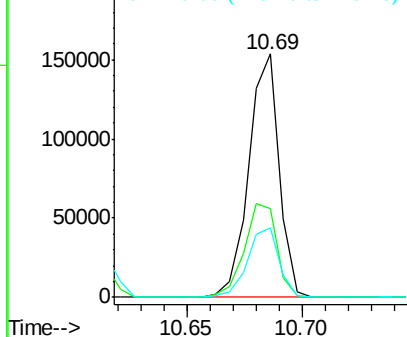
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.150 ng

RT: 10.79 min Scan# 1496

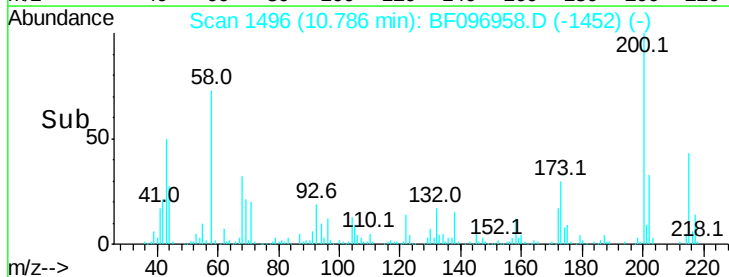
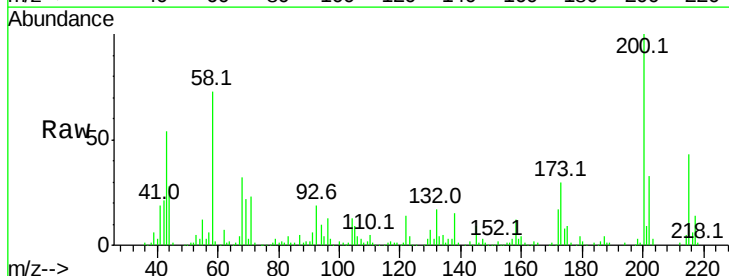
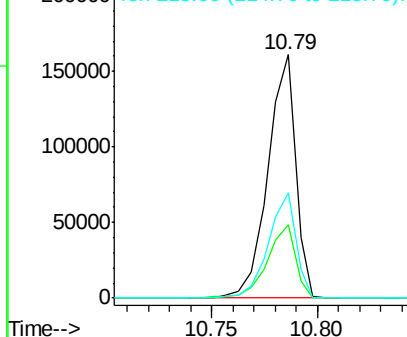
Delta R.T. -0.04 min

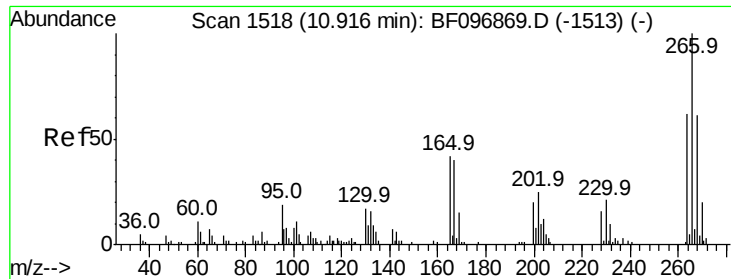
Lab File: BF096958.D

Acq: 21 Jul 2017 21:51

Tgt Ion:	200	Resp:	147458
Ion Ratio	Lower	Upper	
200	100		
173	29.9	6.3	46.3
215	43.2	27.2	67.2

Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





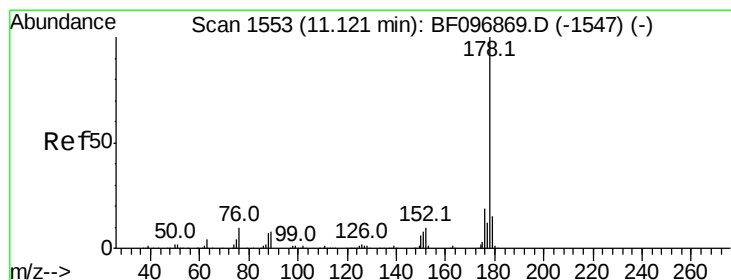
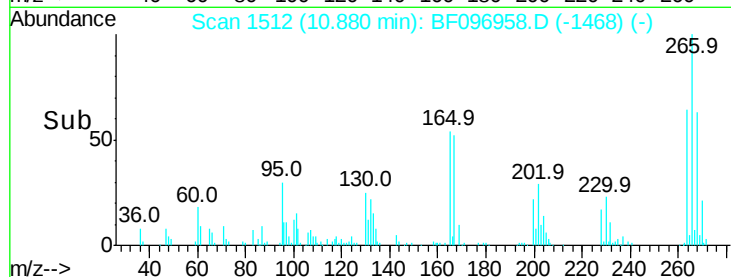
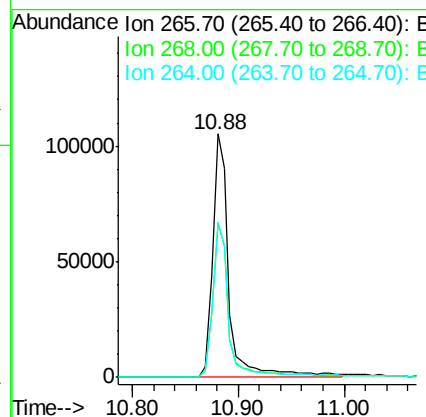
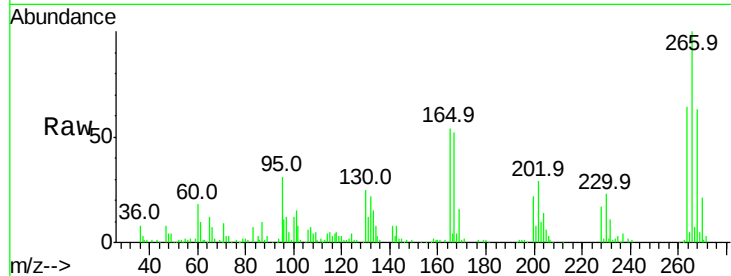
#69
 Pentachlorophenol
 Concen: 66.056 ng
 RT: 10.88 min Scan# 1512
 Delta R.T. -0.04 min
 Lab File: BF096958.D
 Acq: 21 Jul 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.4	51.1	76.7	
264	63.6	51.7	77.5	

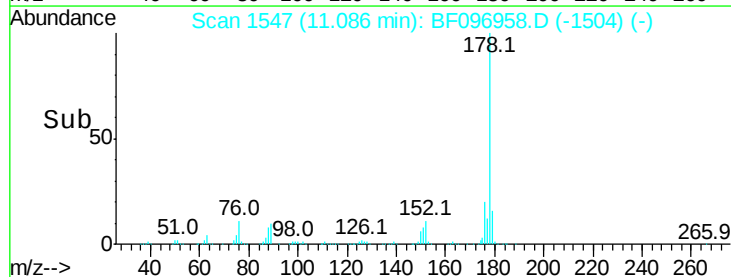
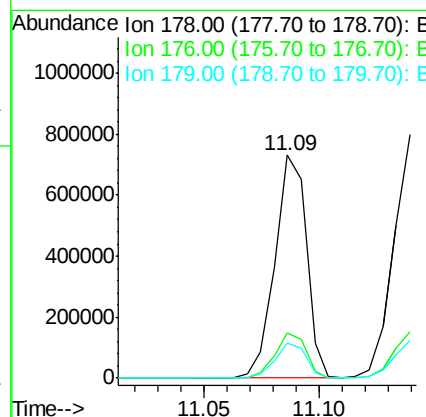
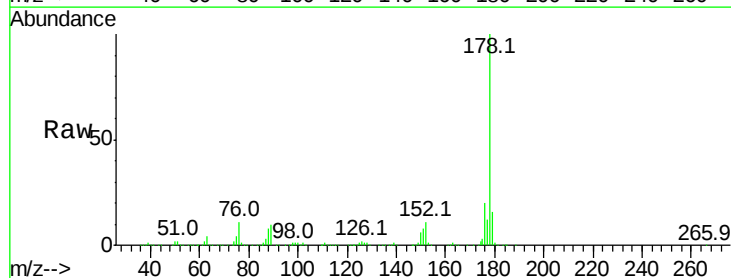
Manual Integrations
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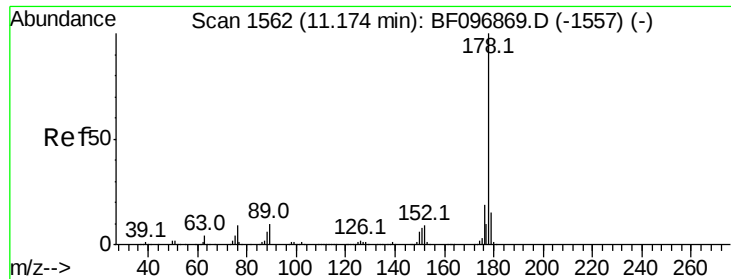
Sohil
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#70
 Phenanthrene
 Concen: 40.836 ng
 RT: 11.09 min Scan# 1547
 Delta R.T. -0.05 min
 Lab File: BF096958.D
 Acq: 21 Jul 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.3	16.2	24.4	
179	15.7	12.6	19.0	





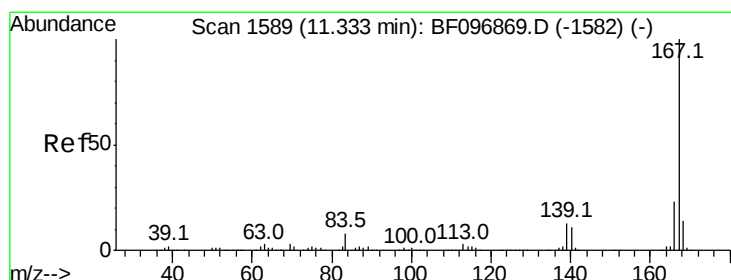
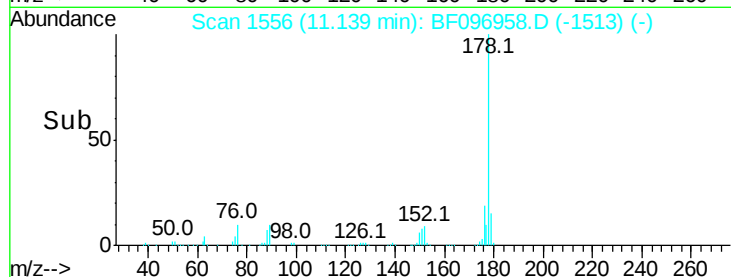
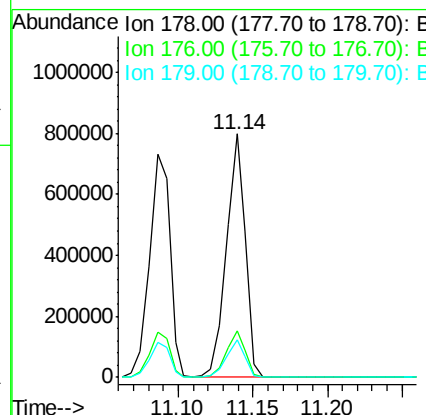
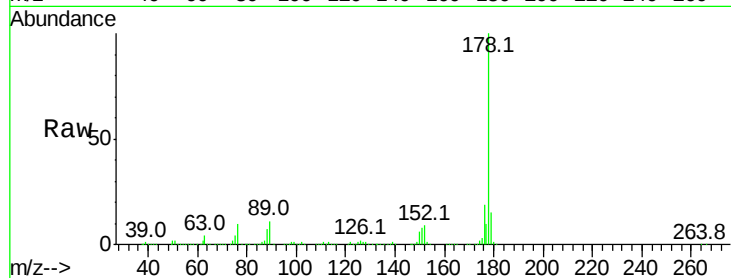
#71
 Anthracene
 Concen: 41.611 ng
 RT: 11.14 min Scan# 1556
 Delta R.T. -0.05 min
 Lab File: BF096958.D
 Acq: 21 Jul 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-AMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.5	12.7	19.1

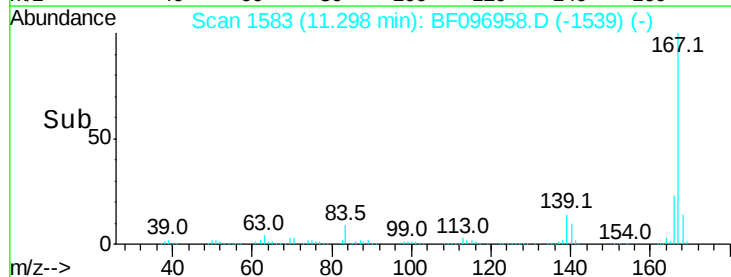
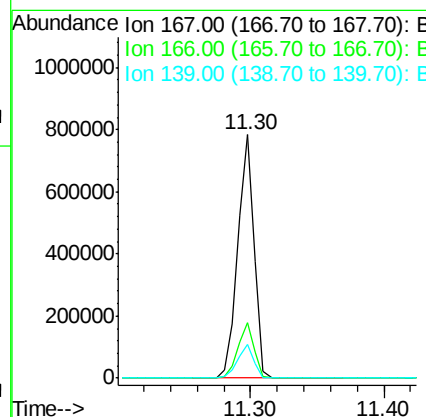
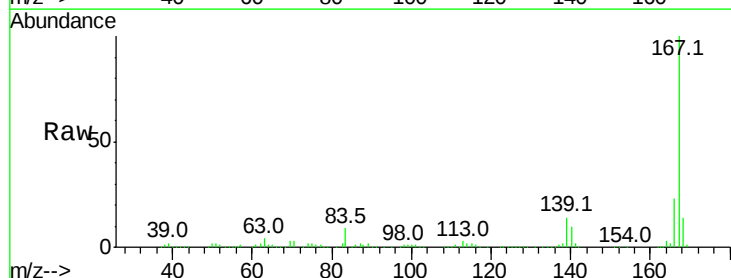
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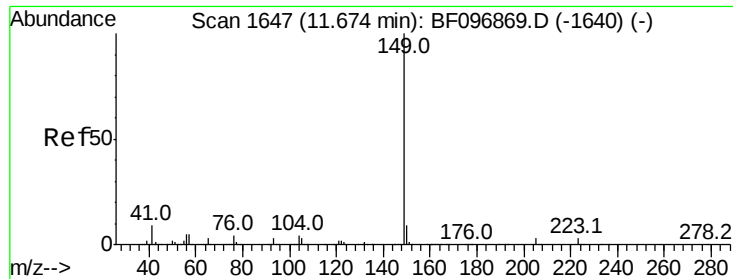
Sohil
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#72
 Carbazole
 Concen: 40.626 ng
 RT: 11.30 min Scan# 1583
 Delta R.T. -0.04 min
 Lab File: BF096958.D
 Acq: 21 Jul 2017 21:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.1	27.1
139	13.9	11.7	17.5





#73

Di-n-butylphthalate

Concen: 43.705 ng

RT: 11.64 min Scan# 1641

Delta R.T. -0.04 min

Lab File: BF096958.D

Acq: 21 Jul 2017 21:51

Instrument :

BNA_F

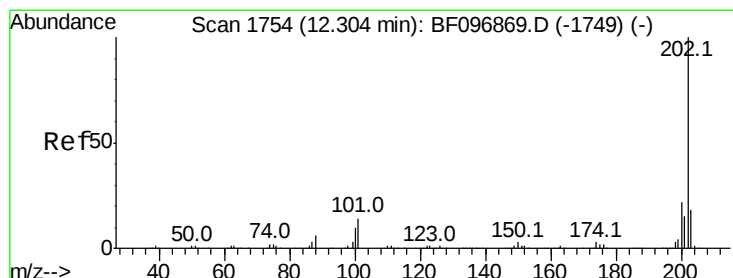
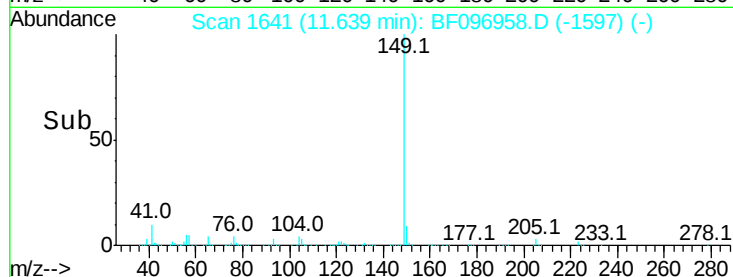
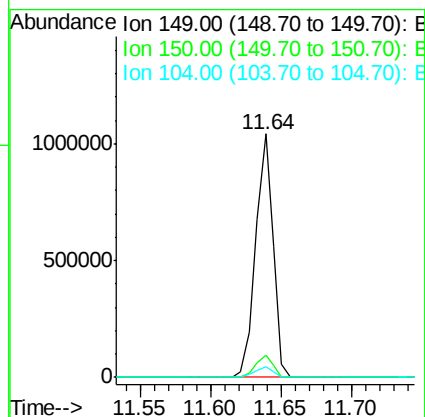
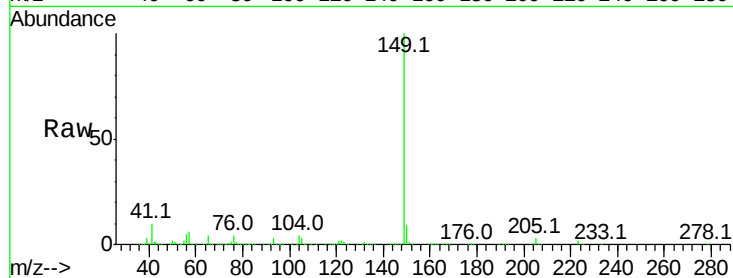
ClientSampleId :

FK-SF-03-001-AMSD

Tot Ion:	149	Resp:	909138
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.7	11.5
104	4.3	4.0	6.0

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#74

Fluoranthene

Concen: 37.255 ng

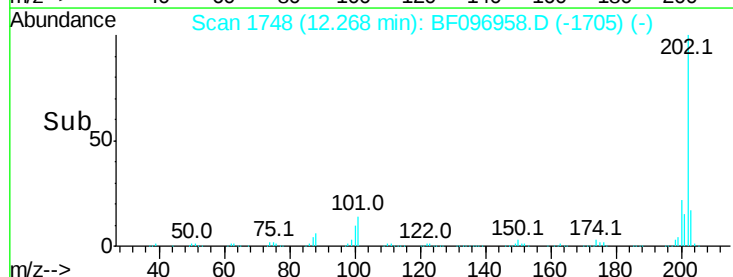
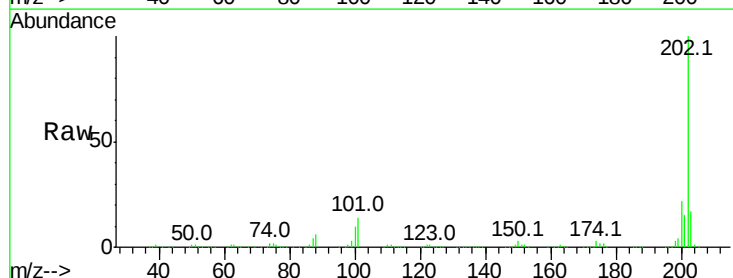
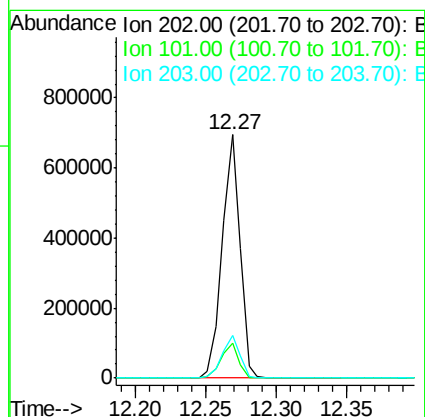
RT: 12.27 min Scan# 1748

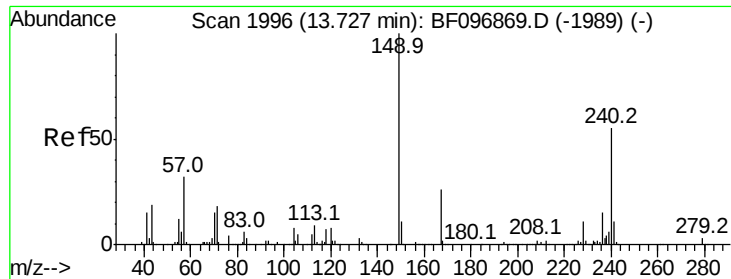
Delta R.T. -0.05 min

Lab File: BF096958.D

Acq: 21 Jul 2017 21:51

Tgt Ion:	202	Resp:	608323
Ion Ratio	Lower	Upper	
202	100		
101	14.3	0.0	33.2
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.69 min Scan# 1990

Delta R.T. -0.04 min

Lab File: BF096958.D

Acq: 21 Jul 2017 21:51

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-001-AMSD

Tot Ion:240 Resp: 195388

Ion Ratio Lower Upper

240 100

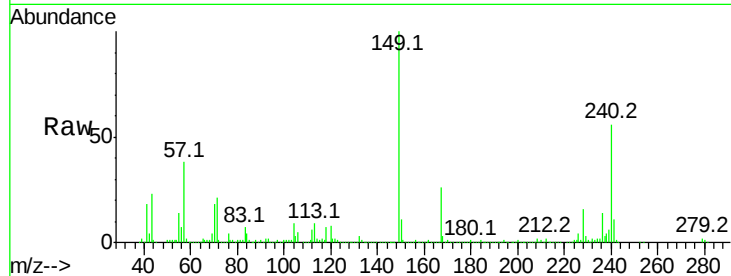
120 14.6 5.8 8.8#

236 25.8 20.5 30.7

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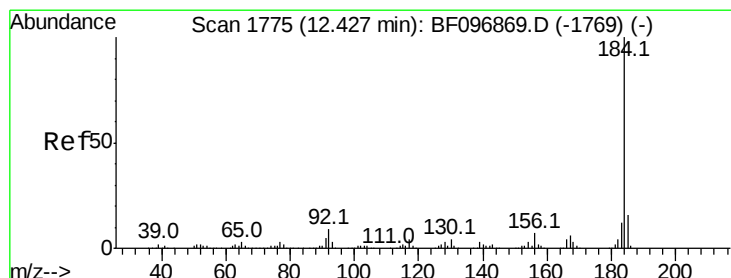
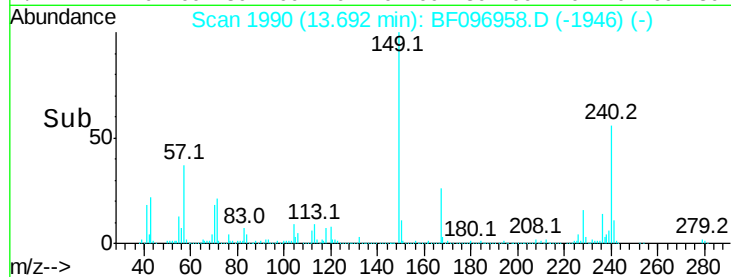
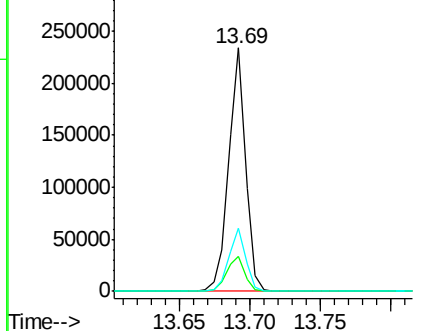
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 49.298 ng

RT: 12.39 min Scan# 1769

Delta R.T. -0.04 min

Lab File: BF096958.D

Acq: 21 Jul 2017 21:51

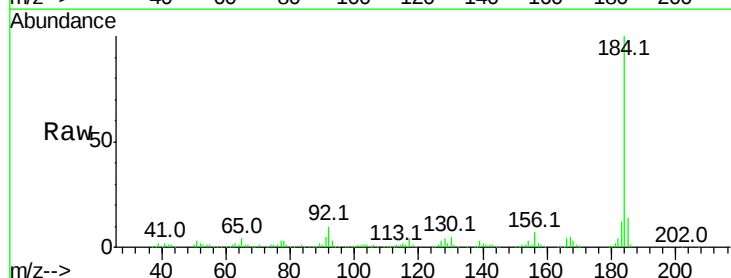
Tgt Ion:184 Resp: 315557

Ion Ratio Lower Upper

184 100

185 13.9 15.5 23.3#

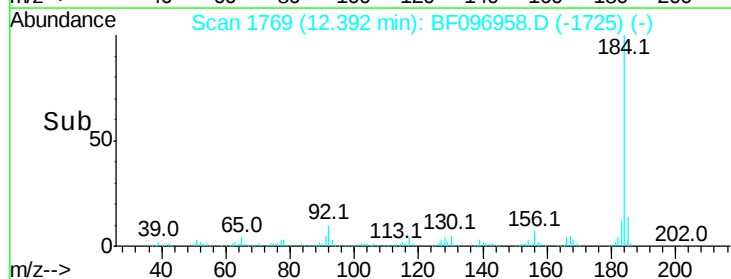
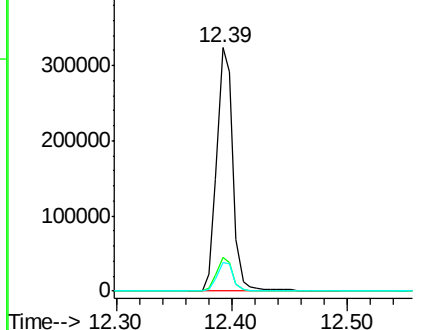
183 11.8 9.8 14.6

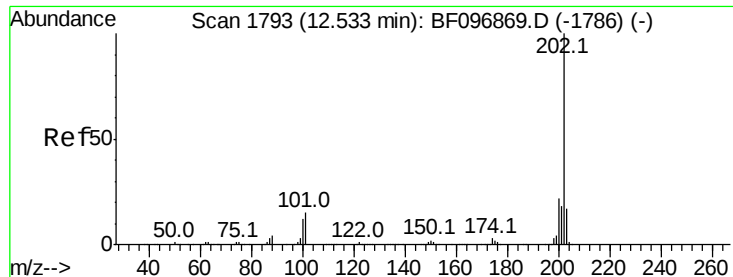


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.017 ng

RT: 12.49 min Scan# 1786

Delta R.T. -0.05 min

Lab File: BF096958.D

Acq: 21 Jul 2017 21:51

Instrument :

BNA_F

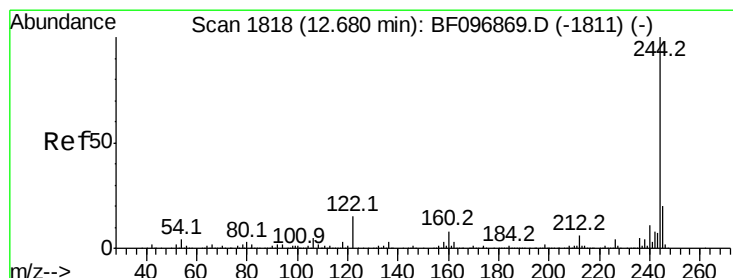
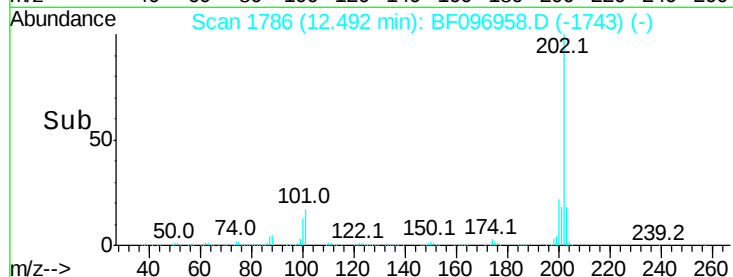
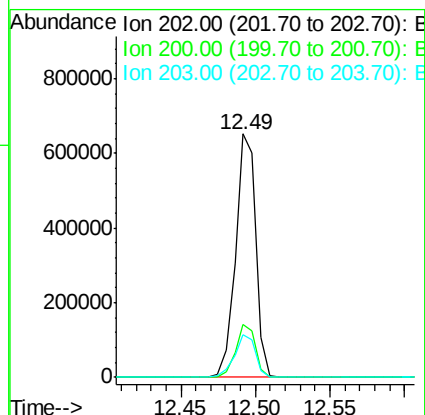
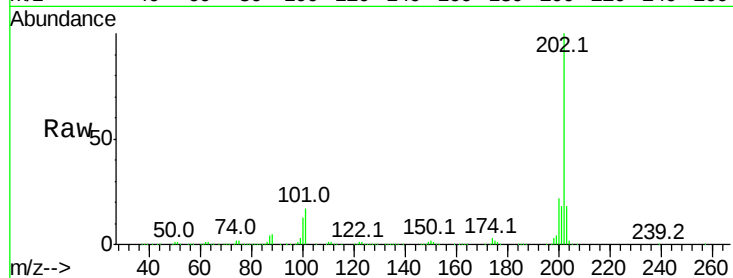
ClientSampleId :

FK-SF-03-001-AMSD

Tot Ion:	202	Resp:	620938
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.6	26.4
203	17.8	14.4	21.6

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#78

Terphenyl-d14

Concen: 55.151 ng

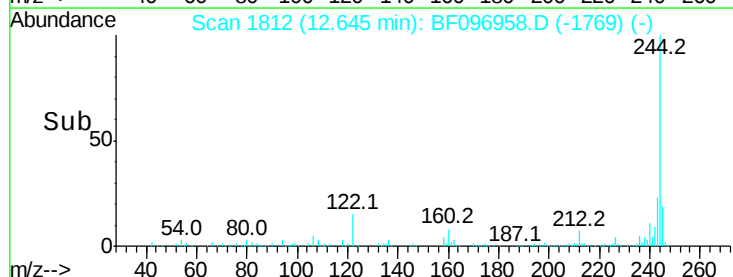
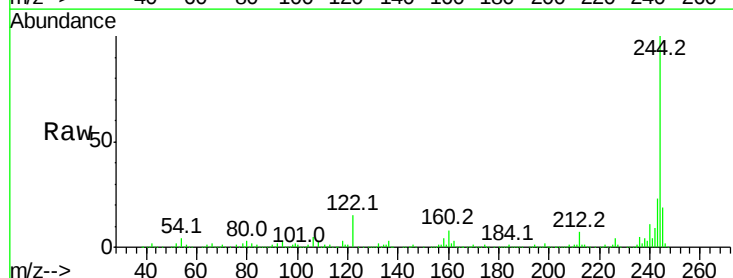
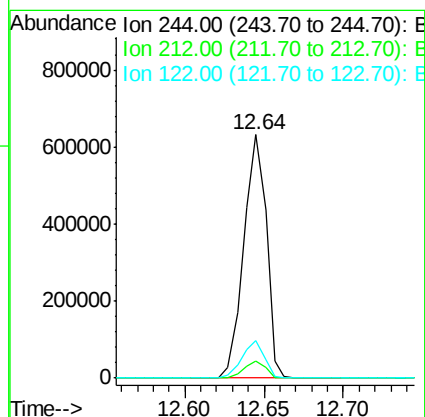
RT: 12.64 min Scan# 1812

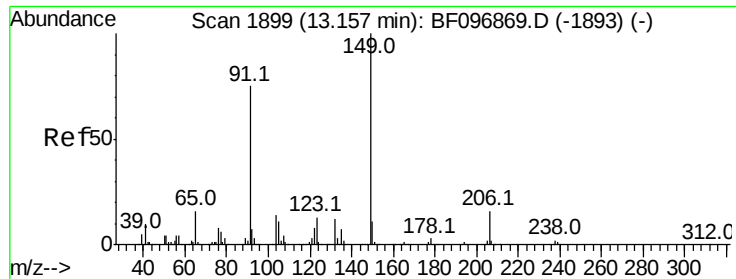
Delta R.T. -0.05 min

Lab File: BF096958.D

Acq: 21 Jul 2017 21:51

Tgt Ion:	244	Resp:	621349
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.0	9.0
122	15.3	10.3	15.5





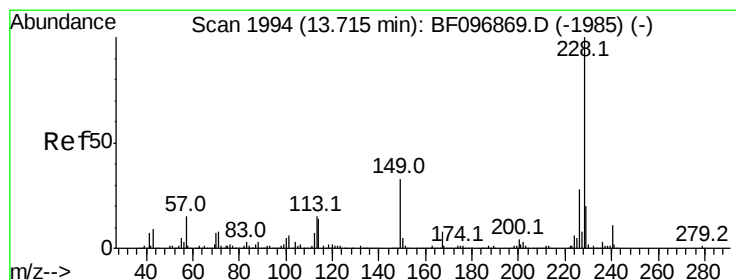
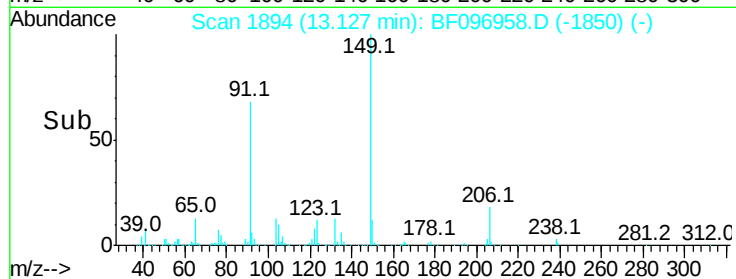
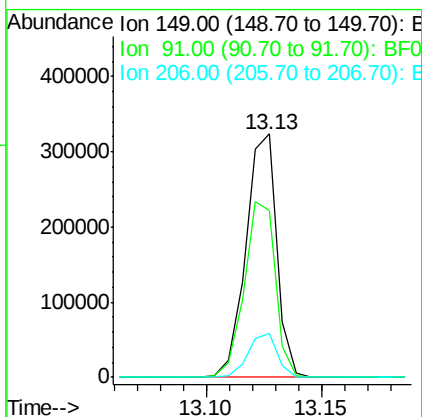
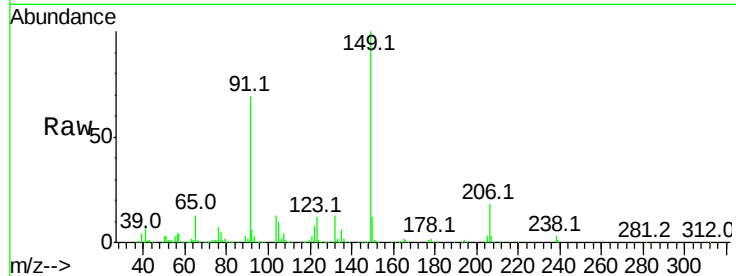
#79
Butylbenzylphthalate
Concen: 35.928 ng
RT: 13.13 min Scan# 1894
Delta R.T. -0.04 min
Lab File: BF096958.D
Acq: 21 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.6	45.0	67.4#
206	18.2	17.0	25.6

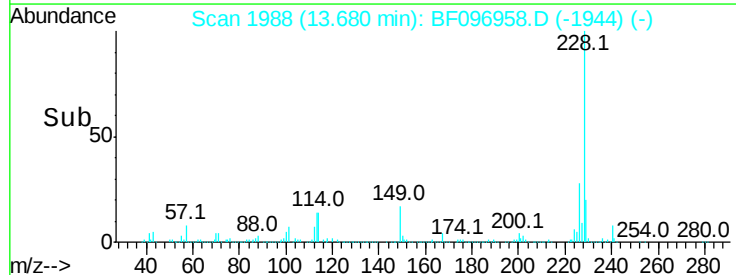
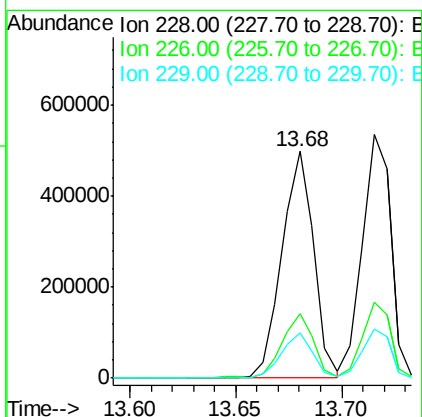
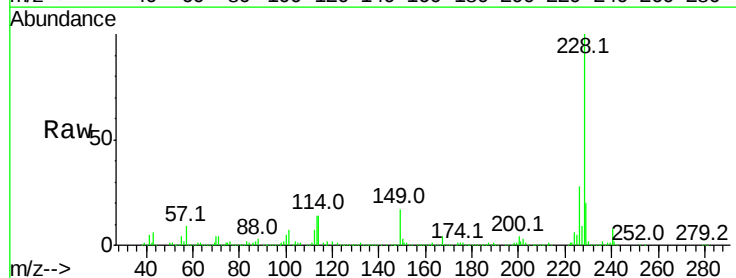
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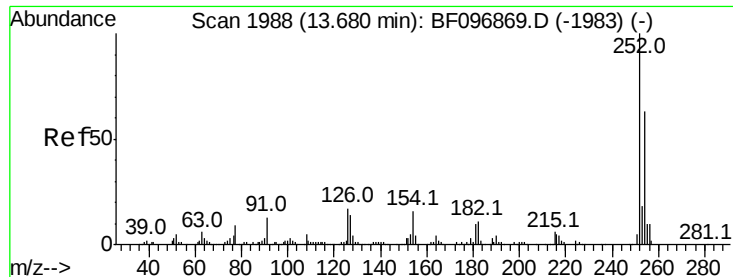
Sohil
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#80
Benzo(a)anthracene
Concen: 42.895 ng
RT: 13.68 min Scan# 1988
Delta R.T. -0.04 min
Lab File: BF096958.D
Acq: 21 Jul 2017 21:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.2	16.3	24.5





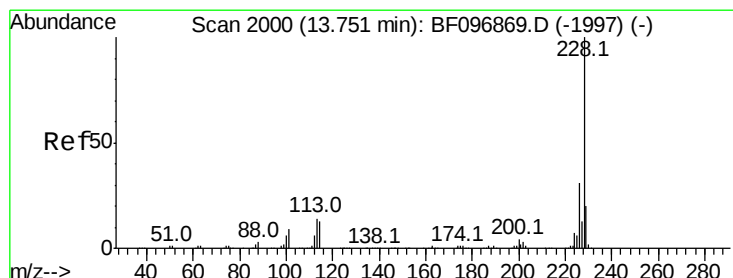
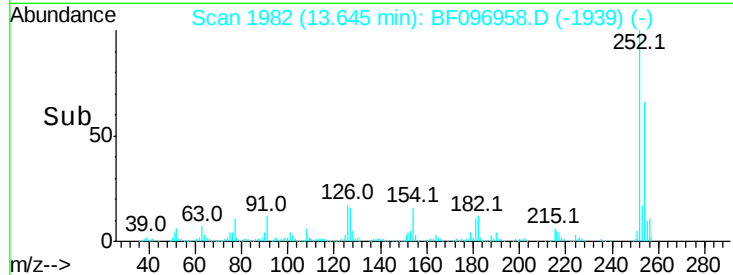
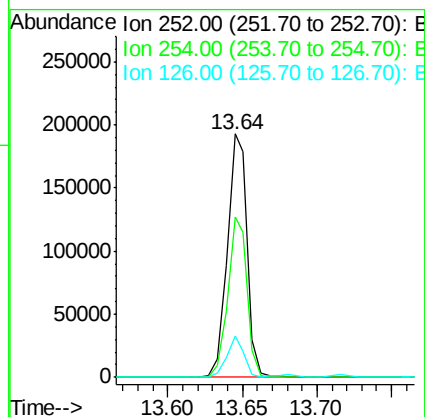
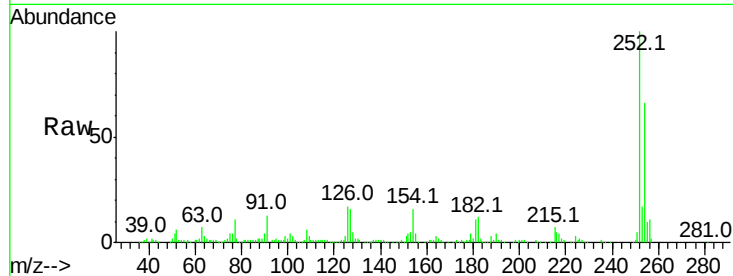
#81
 3,3'-Dichlorobenzidine
 Concen: 41.263 ng
 RT: 13.64 min Scan# 1982
 Delta R.T. -0.05 min
 Lab File: BF096958.D
 Acq: 21 Jul 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	180643		
254	65.9		51.5	77.3
126	16.9		15.8	23.8

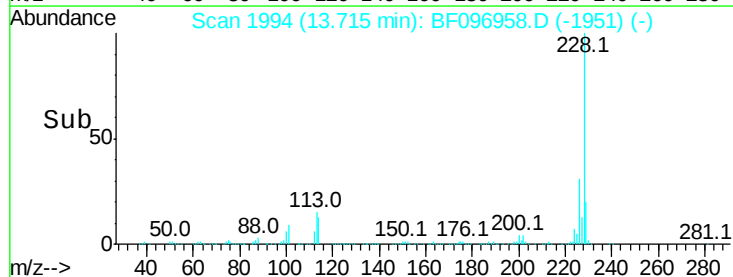
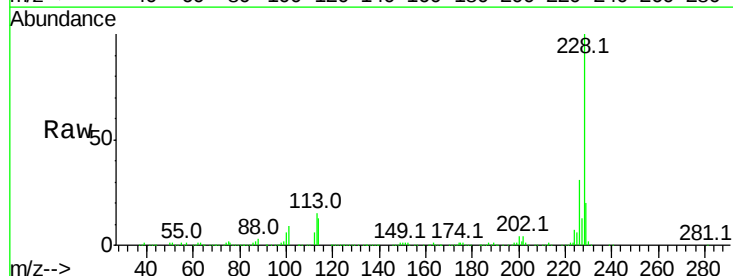
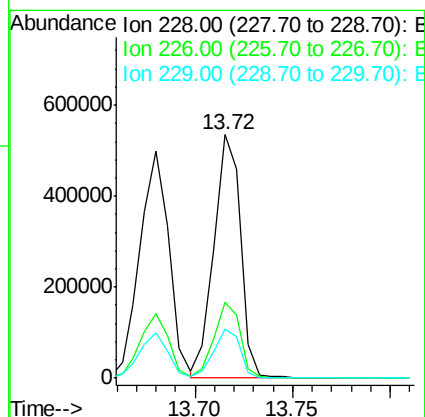
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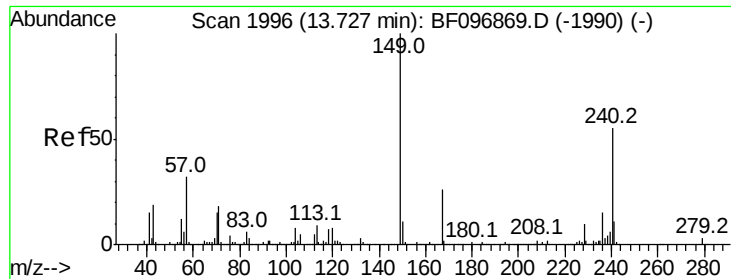
Sohil
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#82
 Chrysene
 Concen: 42.135 ng
 RT: 13.72 min Scan# 1994
 Delta R.T. -0.05 min
 Lab File: BF096958.D
 Acq: 21 Jul 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	504981		
226	30.9		24.9	37.3
229	20.0		15.8	23.6





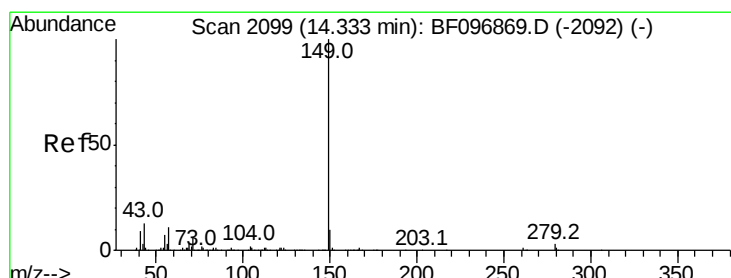
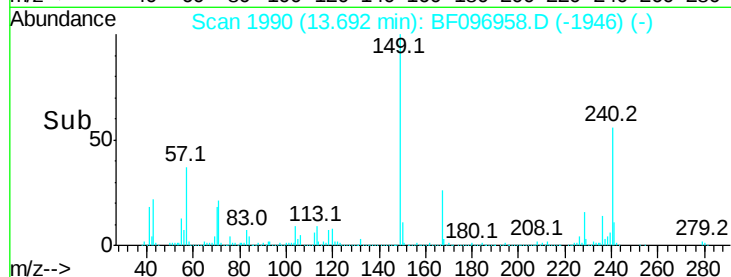
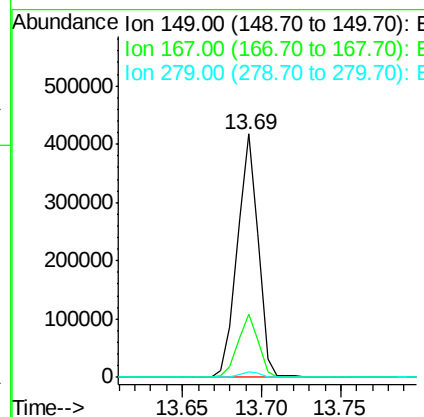
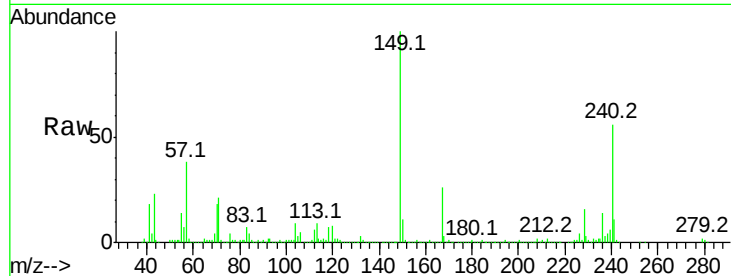
#83
Bis(2-ethylhexyl)phthalate
Concen: 36.979 ng
RT: 13.69 min Scan# 1990
Delta R.T. -0.04 min
Lab File: BF096958.D
Acq: 21 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	379425		
167	25.9		21.0	31.4
279	2.3		1.9	2.9

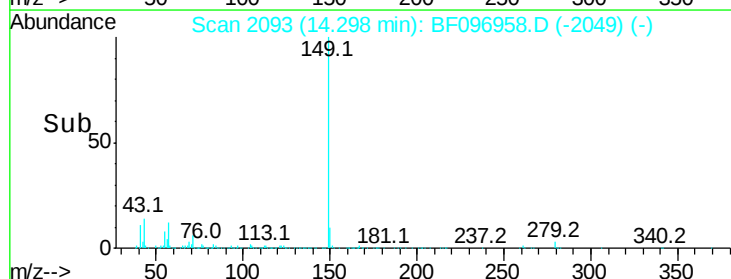
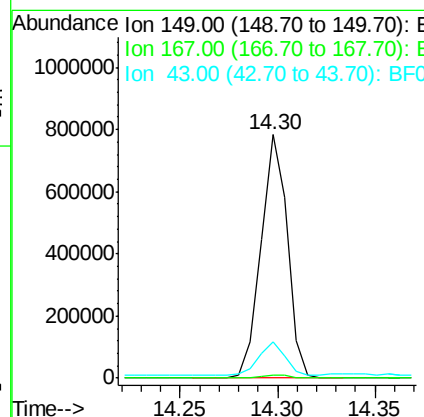
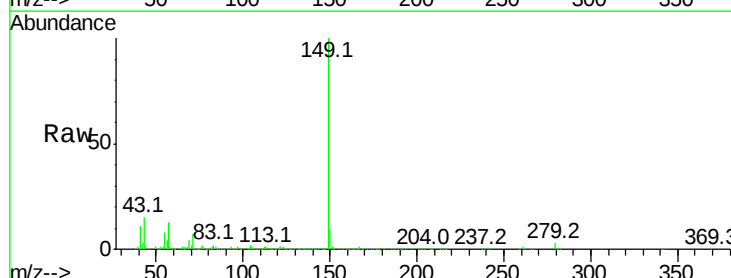
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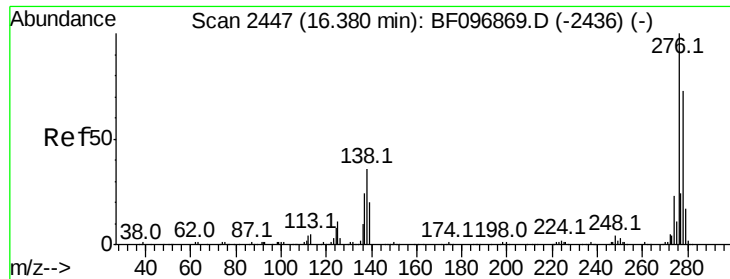
Sohil
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#84
Di-n-octyl phthalate
Concen: 43.151 ng
RT: 14.30 min Scan# 2093
Delta R.T. -0.04 min
Lab File: BF096958.D
Acq: 21 Jul 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	731869		
167	1.5		1.2	1.8
43	14.1		8.5	12.7#





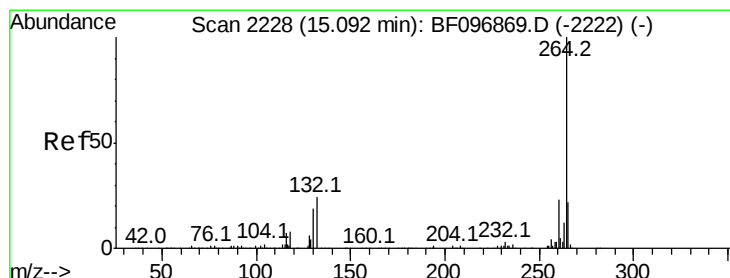
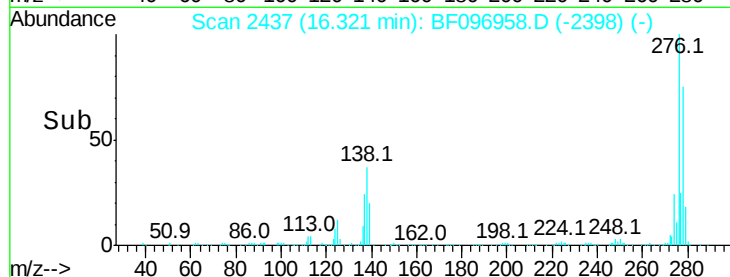
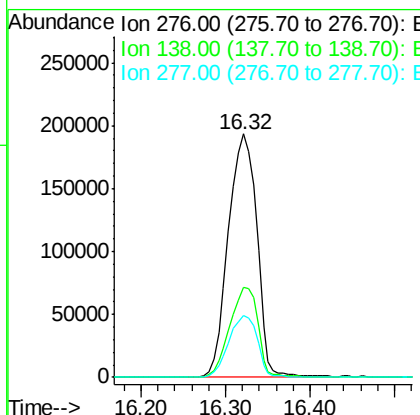
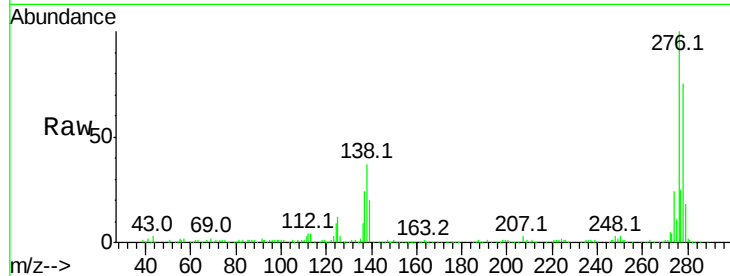
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.333 ng
 RT: 16.32 min Scan# 2437
 Delta R.T. -0.07 min
 Lab File: BF096958.D
 Acq: 21 Jul 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-AMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	36.7	27.8	41.6
277	25.4	20.2	30.4

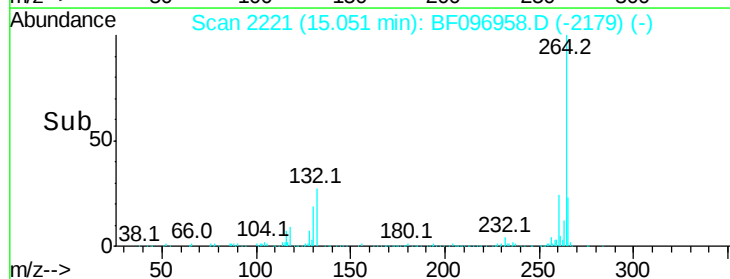
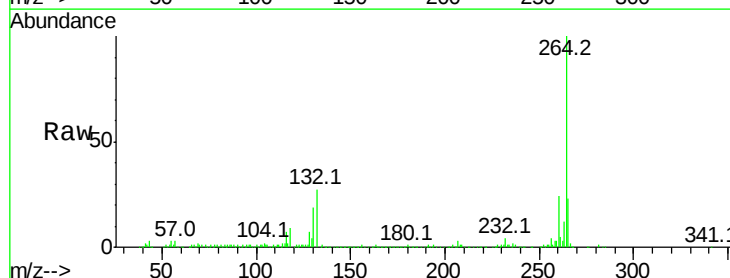
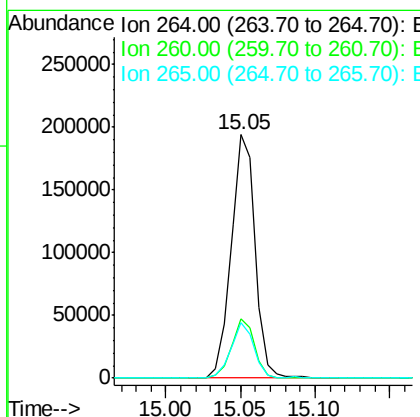
Manual Integrations
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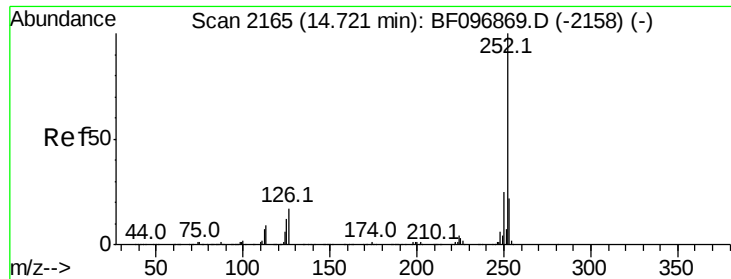
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.05 min Scan# 2221
 Delta R.T. -0.05 min
 Lab File: BF096958.D
 Acq: 21 Jul 2017 21:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.5	17.2	25.8





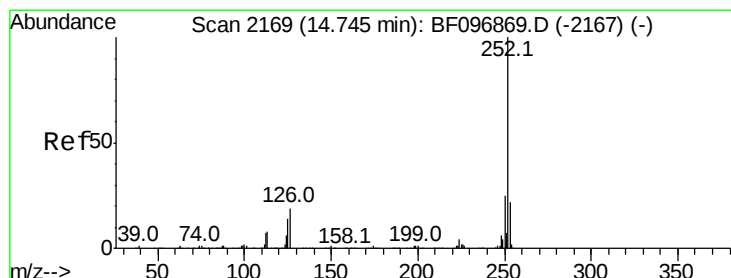
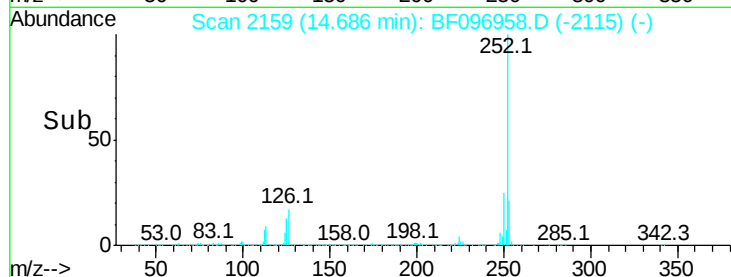
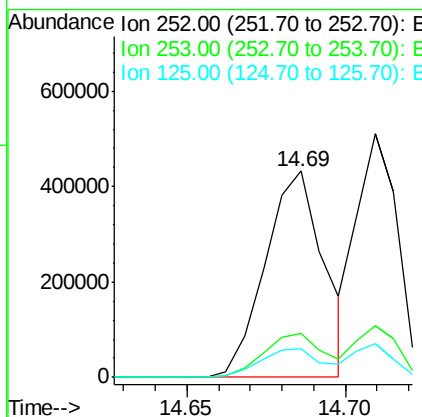
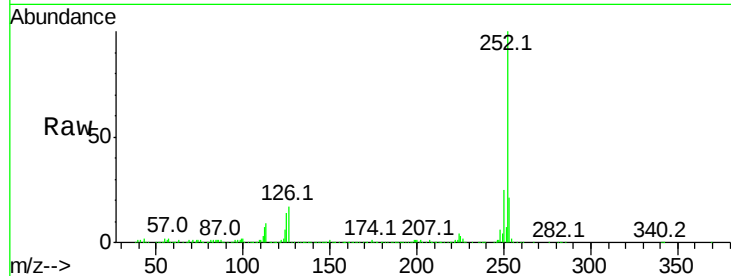
#87
Benzo(b)fluoranthene
Concen: 42.090 ng
RT: 14.69 min Scan# 2159
Delta R.T. -0.04 min
Lab File: BF096958.D
Acq: 21 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.1	27.1
125	13.7	9.8	14.8

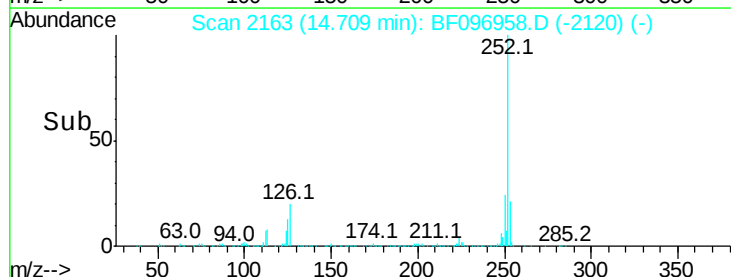
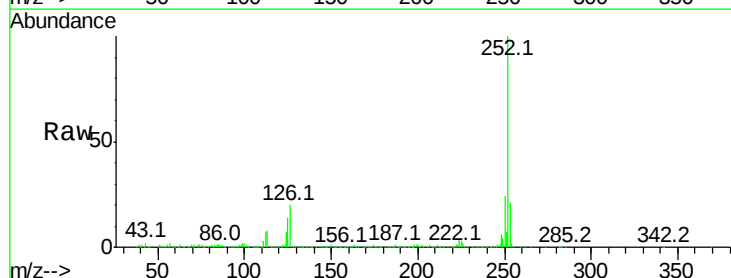
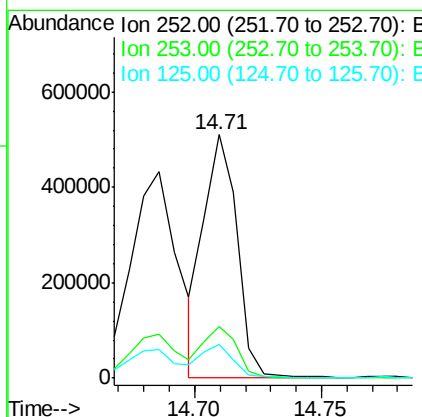
Manual Integrations
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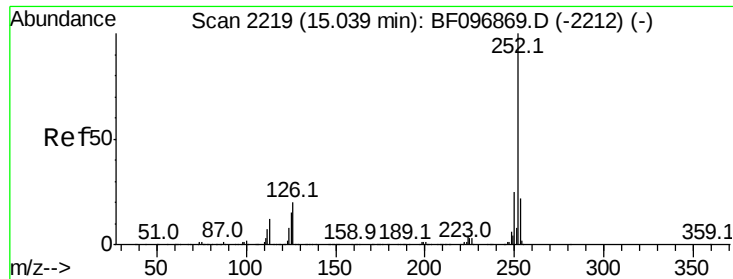
Sohil
7/24/2017 3:05:24 PM



#88
Benzo(k)fluoranthene
Concen: 36.946 ng
RT: 14.71 min Scan# 2163
Delta R.T. -0.05 min
Lab File: BF096958.D
Acq: 21 Jul 2017 21:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.4	27.6
125	13.6	13.1	19.7





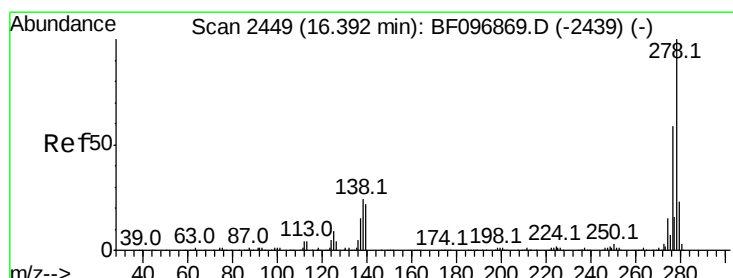
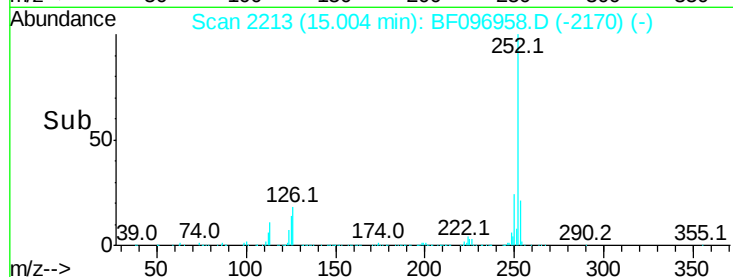
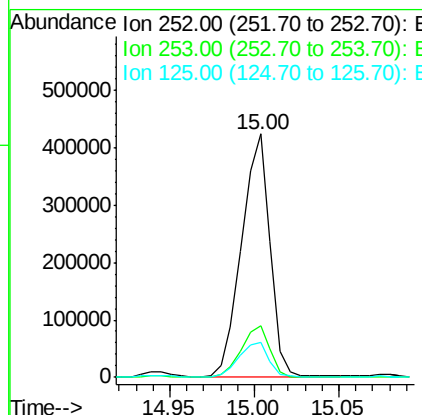
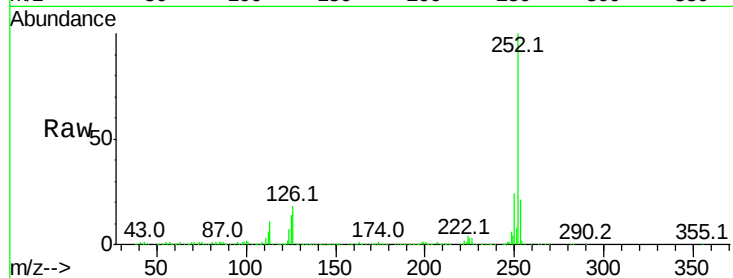
#89
Benzo(a)pyrene
Concen: 41.081 ng
RT: 15.00 min Scan# 2213
Delta R.T. -0.05 min
Lab File: BF096958.D
Acq: 21 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	14.2	11.0	16.4

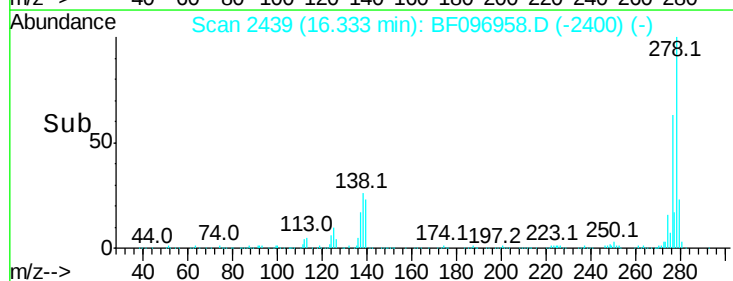
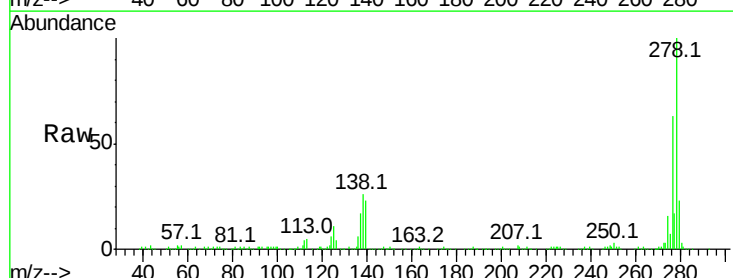
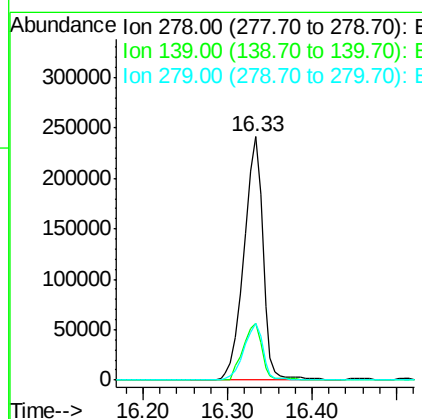
Manual Integrations
APPROVED

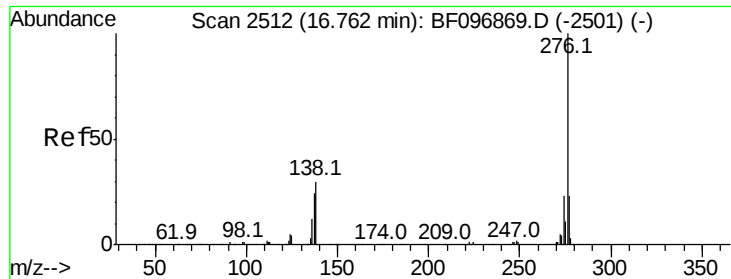
Sohil
7/24/2017 3:05:24 PM



#90
Dibenzo(a,h)anthracene
Concen: 33.629 ng
RT: 16.33 min Scan# 2439
Delta R.T. -0.07 min
Lab File: BF096958.D
Acq: 21 Jul 2017 21:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.2	16.6	24.8
279	23.2	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 30.964 ng
 RT: 16.70 min Scan# 2501
 Delta R.T. -0.08 min
 Lab File: BF096958.D
 Acq: 21 Jul 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-AMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.0	18.6	28.0
138	31.5	25.4	38.0

Manual Integrations
 APPROVED

Sohil
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