

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098797.D
 Acq On : 25 Sep 2017 22:01
 Operator : SJ/JU
 Sample : I5388-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MSD

Manual Integrations
 APPROVED

Sohil
 9/26/2017 4:58:38 PM

Quant Time: Sep 26 07:19:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	136080	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	589005	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	282391	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	511842	20.00	ng	0.00
75) Chrysene-d12	14.08	240	363740	20.00	ng	0.00
86) Perylene-d12	15.57	264	272960	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	1058654	123.84	ng	0.00
7) Phenol-d6	6.55	99	1329573	126.08	ng	0.00
23) Nitrobenzene-d5	7.48	82	815112	88.75	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	304872	131.94	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1489666	88.06	ng	0.00
78) Terphenyl-d14	13.03	244	1363618	85.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	145473	35.625	ng	97
3) Pyridine	3.55	79	417514	37.796	ng	99
4) n-Nitrosodimethylamine	3.49	42	198212	42.315	ng	95
6) Aniline	6.58	93	545031	38.295	ng	99
8) 2-Chlorophenol	6.70	128	419734	43.358	ng	95
9) Benzaldehyde	6.46	77	101580	16.606	ng	99
10) Phenol	6.56	94	548047	46.470	ng	96
11) bis(2-Chloroethyl)ether	6.65	93	402027	43.849	ng	99
12) 1,3-Dichlorobenzene	6.86	146	422512	41.675	ng	99
13) 1,4-Dichlorobenzene	6.93	146	426866	41.383	ng	99
14) 1,2-Dichlorobenzene	7.09	146	406157	42.614	ng	99
15) Benzyl Alcohol	7.05	79	370575	47.902	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.19	45	637453	44.625	ng	99
17) 2-Methylphenol	7.16	107	362863	45.811	ng	98
18) Hexachloroethane	7.43	117	152607	41.160	ng	95
19) n-Nitroso-di-n-propylamine	7.33	70	292193	43.399	ng	97
20) 3+4-Methylphenols	7.32	107	450369	44.945	ng	# 85
22) Acetophenone	7.33	105	576388	40.390	ng	# 95
24) Nitrobenzene	7.50	77	443872	42.604	ng	99
25) Isophorone	7.74	82	827824	43.595	ng	98
26) 2-Nitrophenol	7.81	139	237024	47.309	ng	98
27) 2,4-Dimethylphenol	7.85	122	411958	43.540	ng	97
28) bis(2-Chloroethoxy)methane	7.95	93	524556	44.327	ng	100
29) 2,4-Dichlorophenol	8.05	162	362575	44.633	ng	97
30) 1,2,4-Trichlorobenzene	8.14	180	347334	42.750	ng	98
31) Naphthalene	8.22	128	1193531	43.145	ng	100
32) Benzoic acid	7.96	122	232817	29.956	ng	97
33) 4-Chloroaniline	8.26	127	430584	37.273	ng	99
34) Hexachlorobutadiene	8.33	225	172277	41.167	ng	99
35) Caprolactam	8.64	113	140076m	53.755	ng	
36) 4-Chloro-3-methylphenol	8.75	107	408193	44.705	ng	98
37) 2-Methylnaphthalene	8.91	142	844759	46.974	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	318289	37.794	ng	99
40) Hexachlorocyclopentadiene	9.06	237	339330	88.167	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	257085	43.090	nq	100
43) 2,4,5-Trichlorophenol	9.23	196	265847	44.637	nq	96
45) 1,1'-Biphenyl	9.37	154	970613	39.993	nq	99
46) 2-Chloronaphthalene	9.40	162	765316	41.999	nq	97
47) 2-Nitroaniline	9.49	65	258485	46.326	nq	97
48) Acenaphthylene	9.82	152	1190293	42.670	nq	100
49) Dimethylphthalate	9.67	163	1087128	51.007	nq	99
50) 2,6-Dinitrotoluene	9.74	165	211277	45.533	nq	88
51) Acenaphthene	9.99	154	819780	46.393	nq	100
52) 3-Nitroaniline	9.90	138	212854	39.342	nq	97
53) 2,4-Dinitrophenol	10.01	184	196903	81.398	nq	96
54) Dibenzofuran	10.16	168	1061602	45.122	nq	99
55) 4-Nitrophenol	10.06	139	419500	91.698	nq	96
56) 2,4-Dinitrotoluene	10.14	165	288411	47.893	nq	98
57) Fluorene	10.50	166	816476	43.176	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.27	232	203994	49.583	nq	99
59) Diethylphthalate	10.37	149	925022	44.416	nq	98
60) 4-Chlorophenyl-phenylether	10.49	204	362586	42.685	nq	99
61) 4-Nitroaniline	10.52	138	241492	46.266	nq	96
62) Azobenzene	10.66	77	895153	46.746	nq	95
64) 4,6-Dinitro-2-methylphenol	10.55	198	139173	44.690	nq	82
65) n-Nitrosodiphenylamine	10.62	169	759180	42.815	nq	100
66) 4-Bromophenyl-phenylether	10.99	248	218544	43.621	nq	90
67) Hexachlorobenzene	11.05	284	219481	41.017	nq	98
68) Atrazine	11.14	200	228375	42.808	nq	99
69) Pentachlorophenol	11.24	266	264164	79.323	nq	98
70) Phenanthrene	11.47	178	1203988	43.945	nq	99
71) Anthracene	11.52	178	1224522	43.682	nq	100
72) Carbazole	11.67	167	1198491	43.658	nq	99
73) Di-n-butylphthalate	12.00	149	1443636	43.690	nq	99
74) Fluoranthene	12.66	202	1265850	45.628	nq	98
76) Benzidine	12.77	184	622253	46.252	nq	98
77) Pyrene	12.89	202	1296343	46.738	nq	99
79) Butylbenzylphthalate	13.50	149	642788	49.311	nq	93
80) Benzo(a)anthracene	14.07	228	982083	44.589	nq	100
81) 3,3'-Dichlorobenzidine	14.03	252	301379	37.326	nq	98
82) Chrysene	14.11	228	914212	43.598	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	879104	48.977	nq	100
84) Di-n-octyl phthalate	14.66	149	1377512	47.661	nq	97
85) Indeno(1,2,3-cd)pyrene	17.07	276	723534	43.134	nq	96
87) Benzo(b)fluoranthene	15.13	252	770106	45.887	nq	98
88) Benzo(k)fluoranthene	15.16	252	726498	43.827	nq	99
89) Benzo(a)pyrene	15.51	252	693943	45.046	nq	# 96
90) Dibenzo(a,h)anthracene	17.10	278	595125	48.271	nq	97
91) Benzo(g,h,i)perylene	17.54	276	613169	50.314	nq	97

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

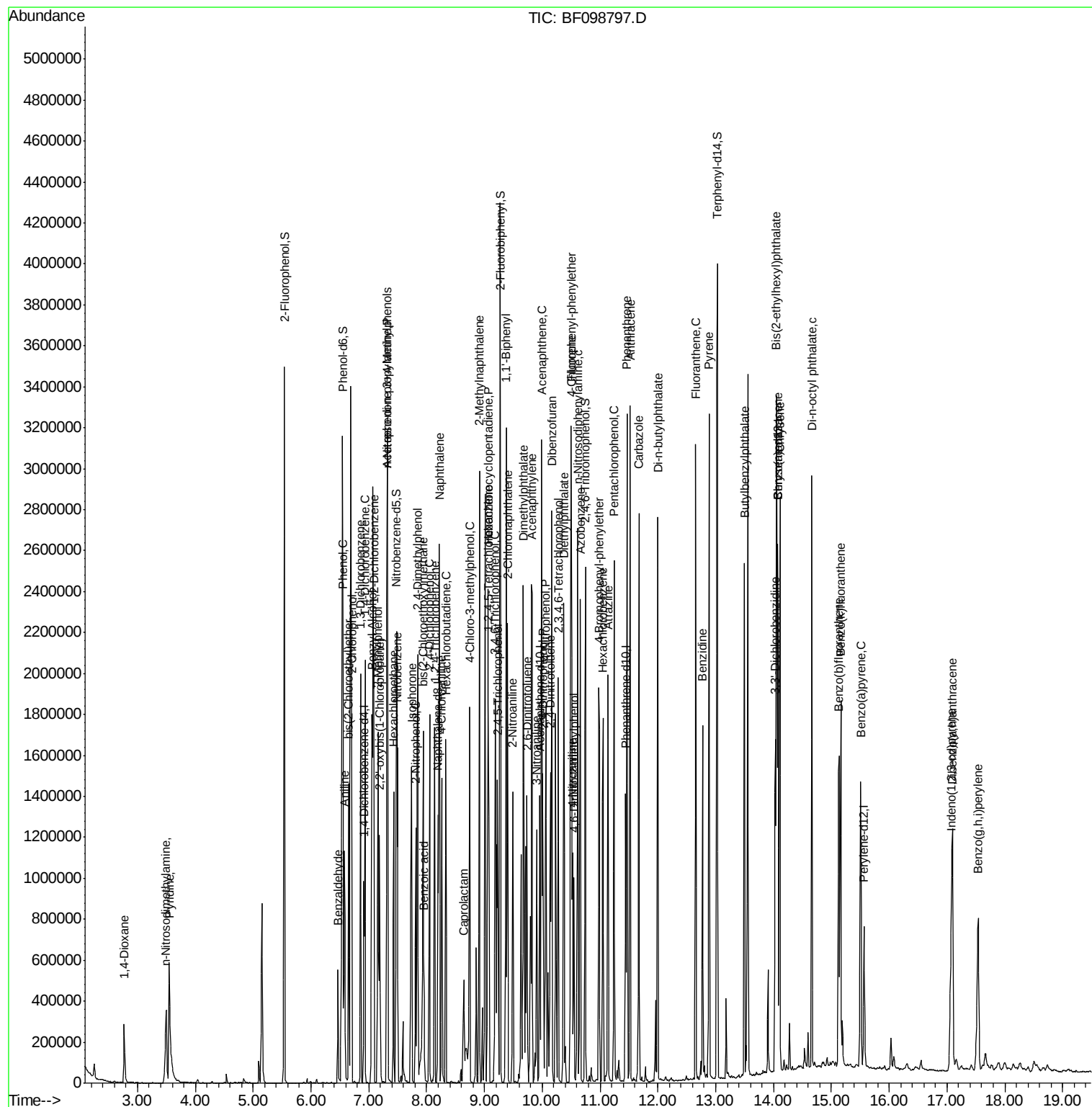
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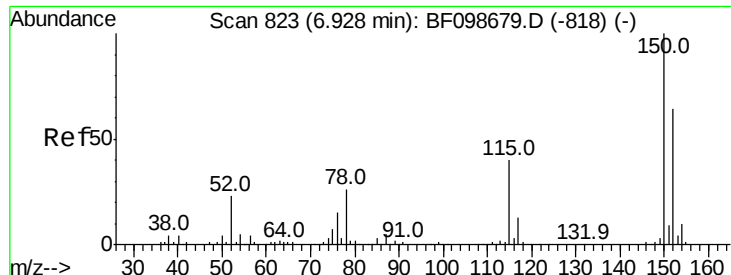
Instrument :
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#1

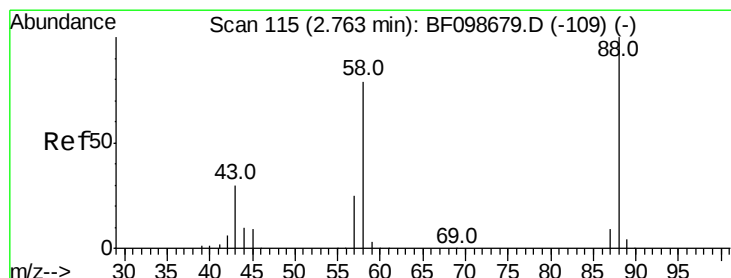
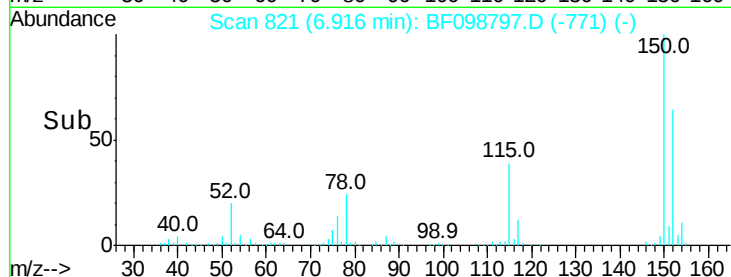
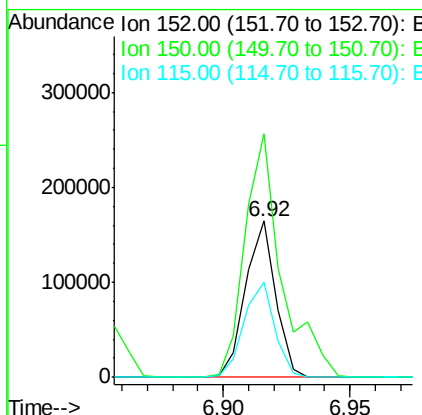
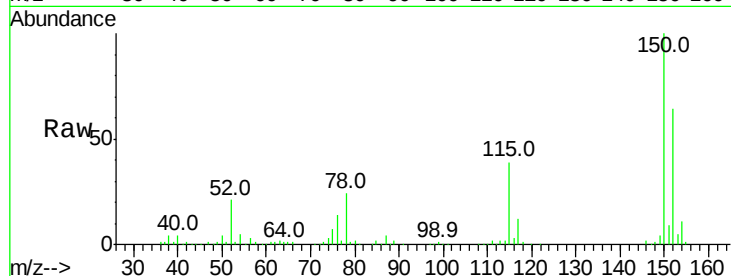
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	60.5	50.1	75.1

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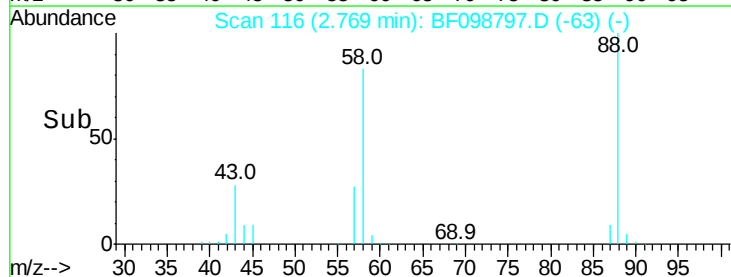
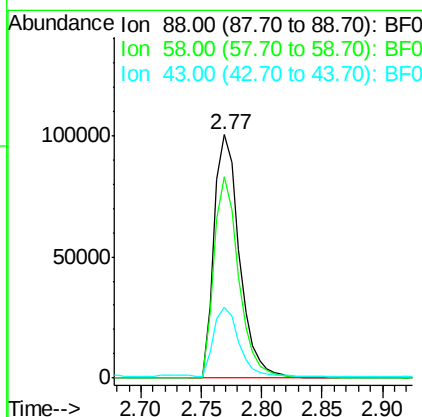
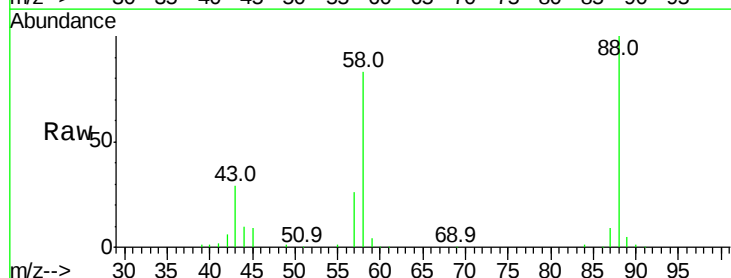
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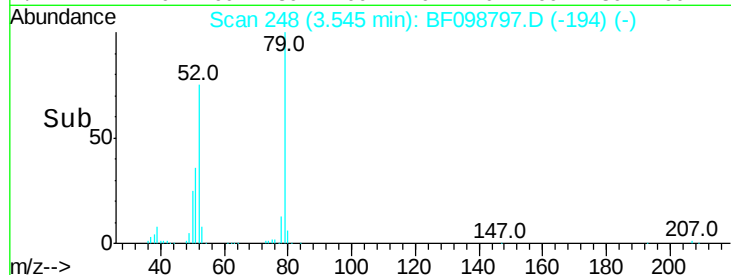
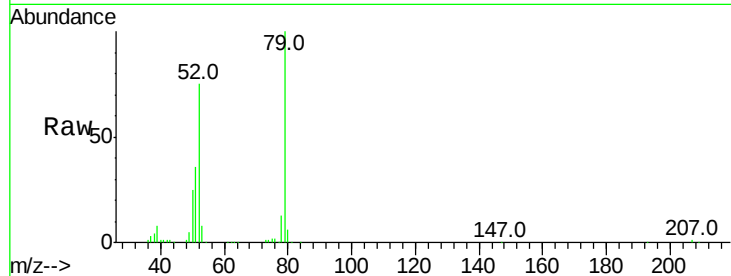
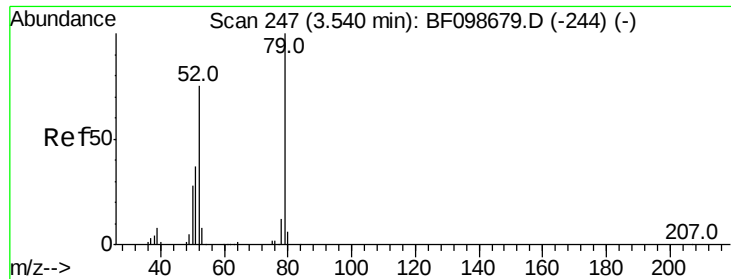


#2

1,4-Dioxane
Concen: 35.625 ng
RT: 2.77 min Scan# 116
Delta R.T. 0.01 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.7	62.6	93.8
43	28.4	24.6	37.0





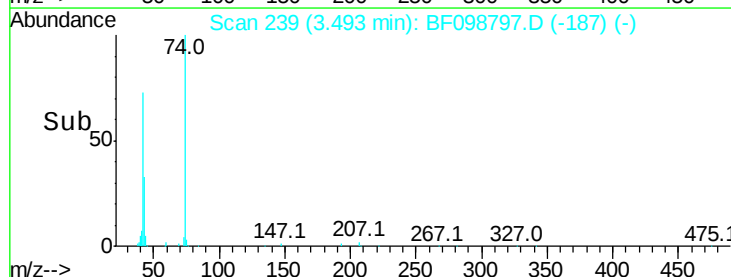
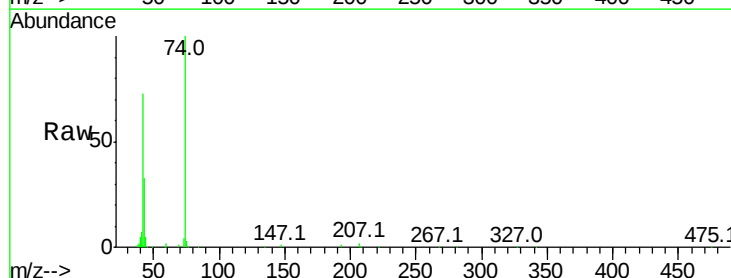
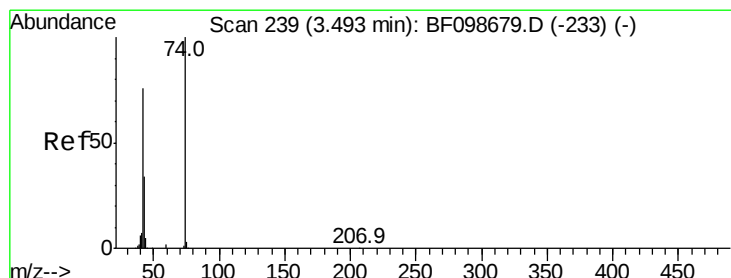
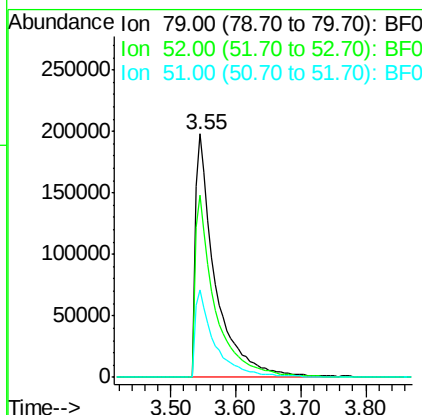
#3
Pvridine
Concen: 37.796 ng
RT: 3.55 min Scan# 248
Delta R.T. 0.02 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Tot Ion	Ratio	Lower	Upper
79	100		
52	74.8	59.8	89.6
51	36.1	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

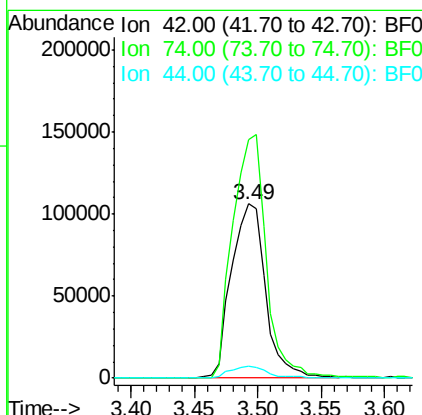
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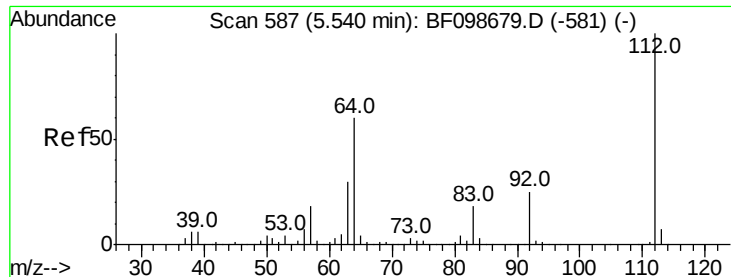
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#4
n-Nitrosodimethylamine
Concen: 42.315 ng
RT: 3.49 min Scan# 239
Delta R.T. 0.01 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Tgt Ion	Ratio	Lower	Upper
42	100		
74	137.3	104.9	157.3
44	7.2	6.9	10.3





#5

2-Fluorophenol

Concen: 123.844 ng

RT: 5.54 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF098797.D

Acq: 25 Sep 2017 22:01

Instrument :

BNA_F

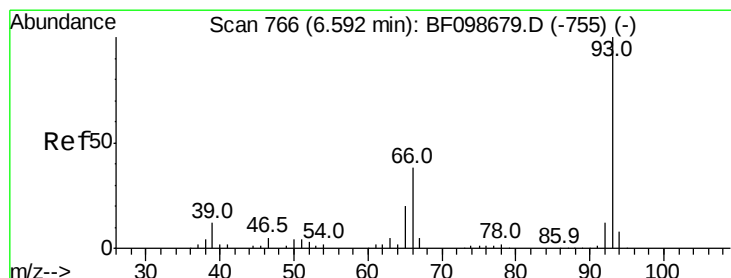
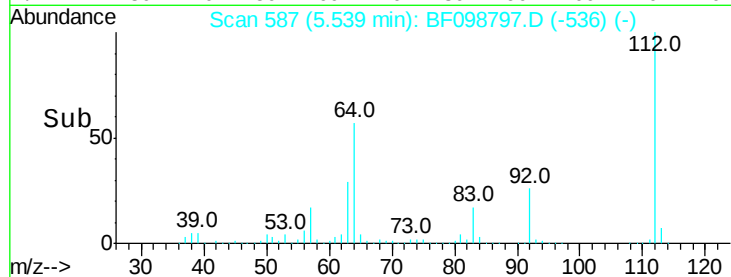
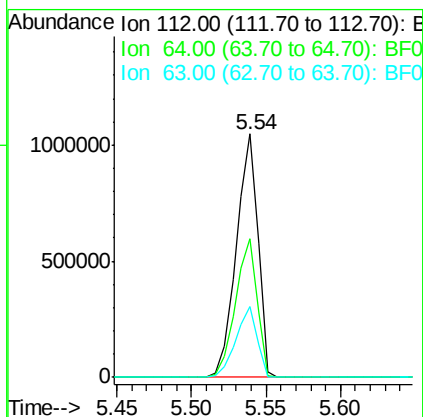
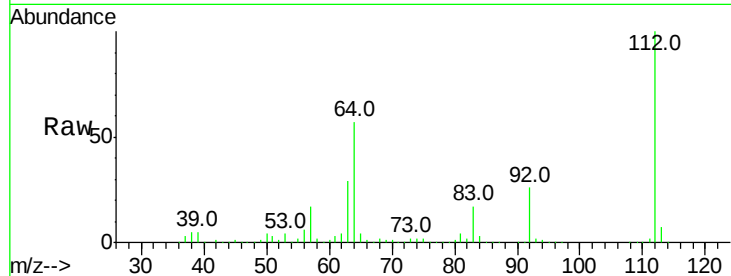
ClientSampleId :

FK-PS-01-016MSD

Tot Ion:	112	Resp:	1058654
Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.9	71.9
63	29.1	23.7	35.5

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#6

Aniline

Concen: 38.295 ng

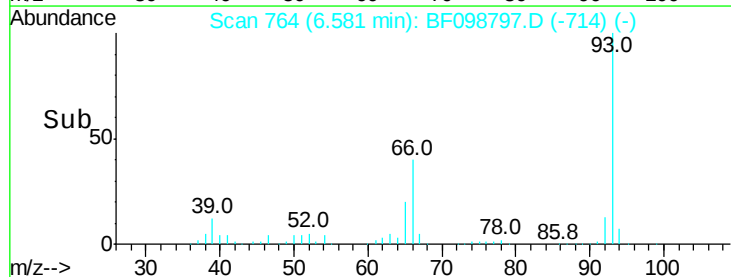
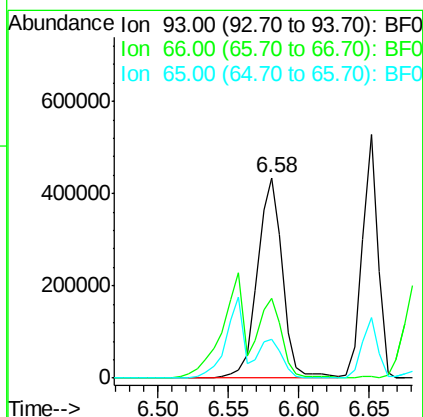
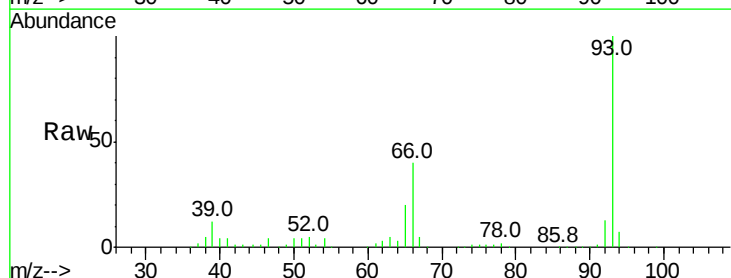
RT: 6.58 min Scan# 764

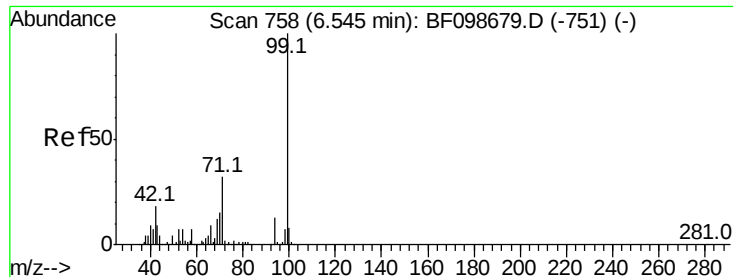
Delta R.T. -0.01 min

Lab File: BF098797.D

Acq: 25 Sep 2017 22:01

Tgt Ion:	93	Resp:	545031
Ion	Ratio	Lower	Upper
93	100		
66	39.6	32.2	48.2
65	19.7	16.4	24.6





#7

Phenol-d6

Concen: 126.083 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098797.D

Acq: 25 Sep 2017 22:01

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-016MSD

Tot Ion: 99 Resp: 1329573

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

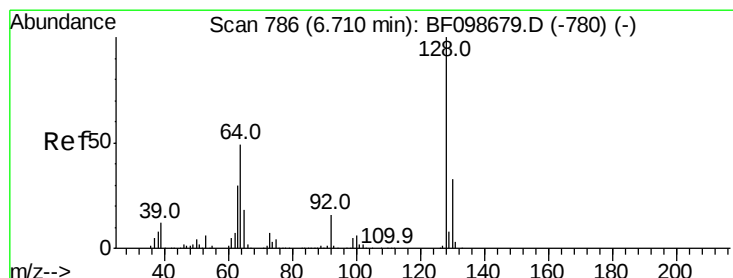
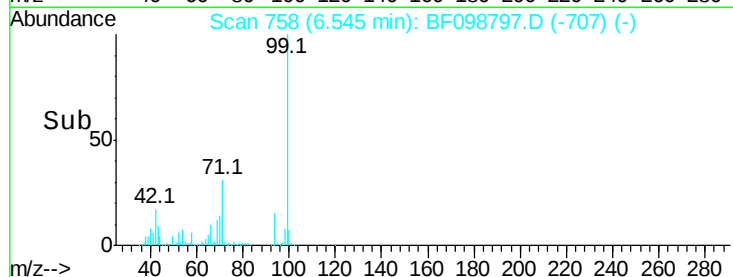
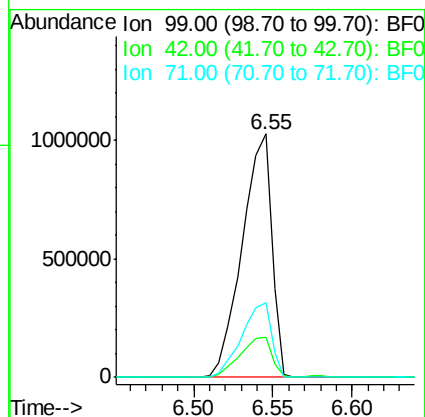
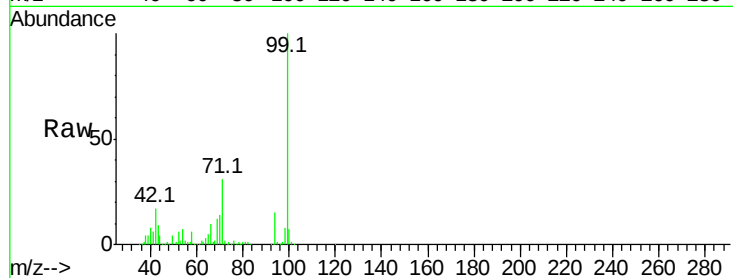
71 30.9 25.4 38.0

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#8

2-Chlorophenol

Concen: 43.358 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF098797.D

Acq: 25 Sep 2017 22:01

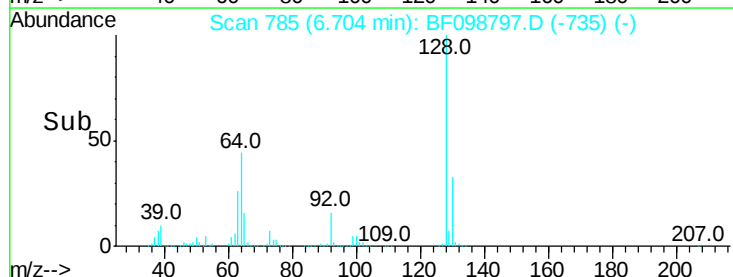
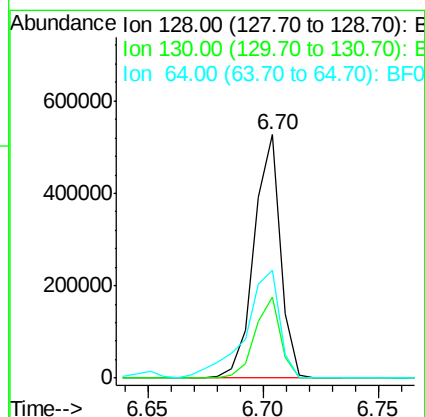
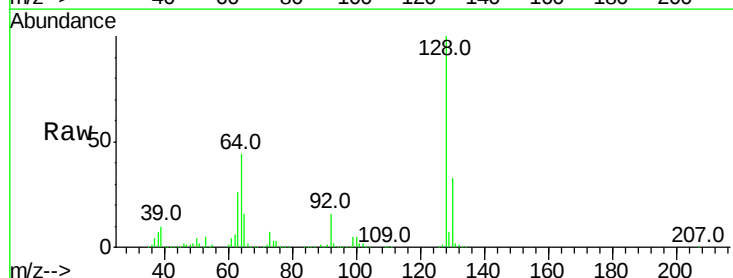
Tgt Ion: 128 Resp: 419734

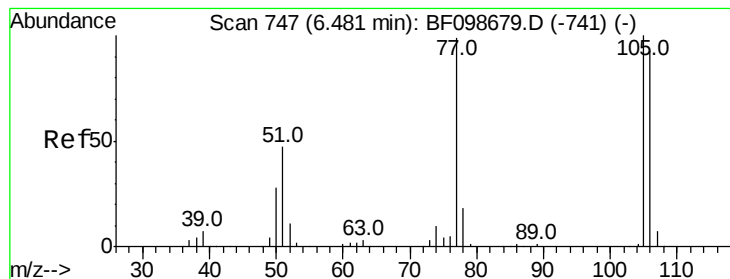
Ion Ratio Lower Upper

128 100

130 33.5 13.0 53.0

64 44.2 29.4 69.4





#9

Benzaldehyde

Concen: 16.606 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF098797.D

Acq: 25 Sep 2017 22:01

Instrument :

BNA_F

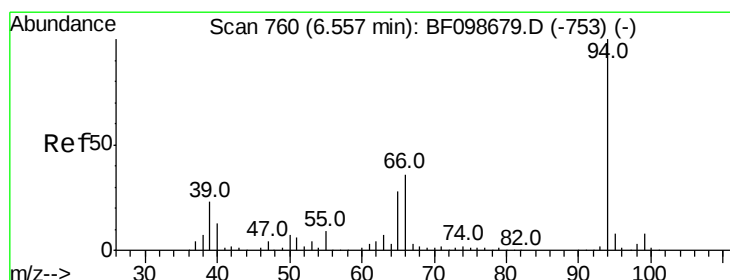
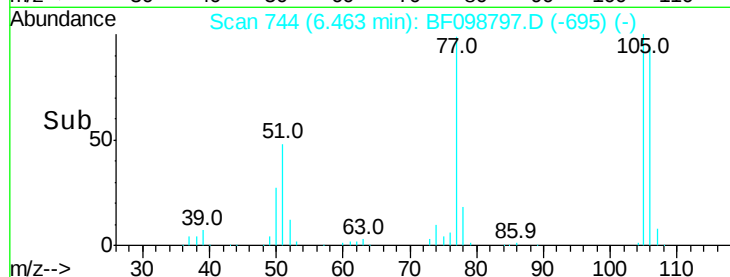
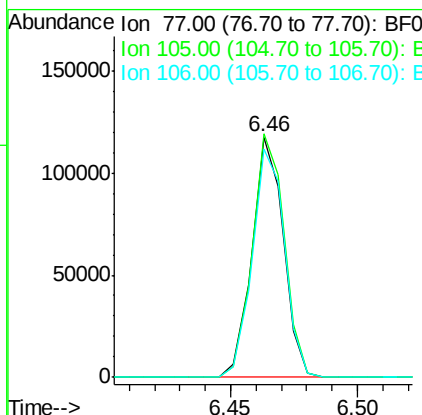
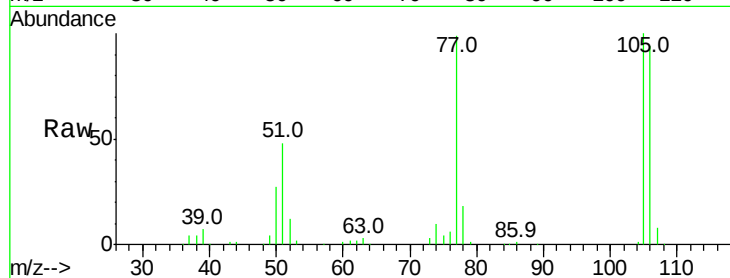
ClientSampleId :

FK-PS-01-016MSD

Tot Ion:	77	Resp:	101580
Ion	Ratio	Lower	Upper
77	100		
105	101.4	81.1	121.1
106	95.3	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 46.470 ng

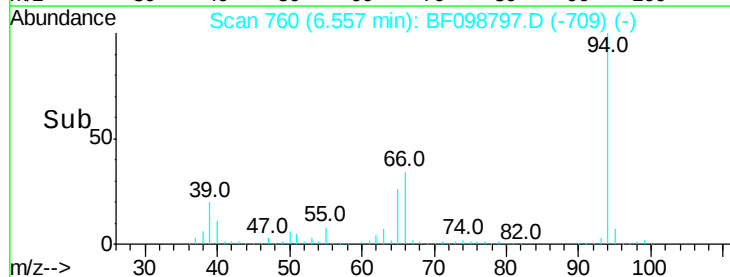
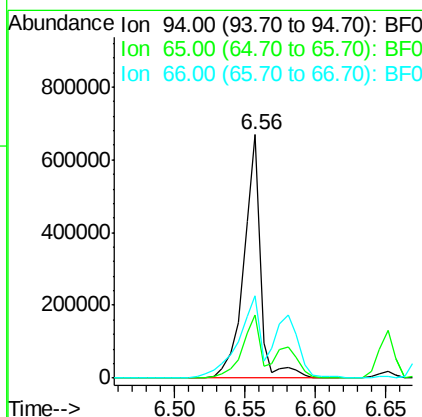
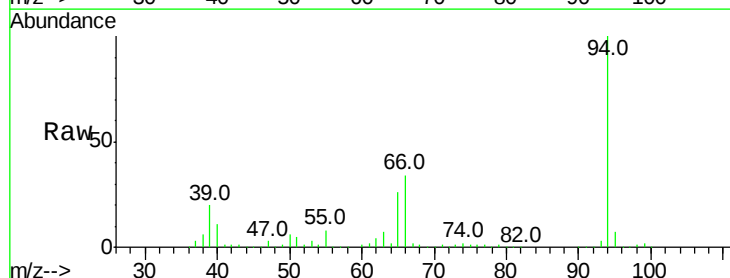
RT: 6.56 min Scan# 760

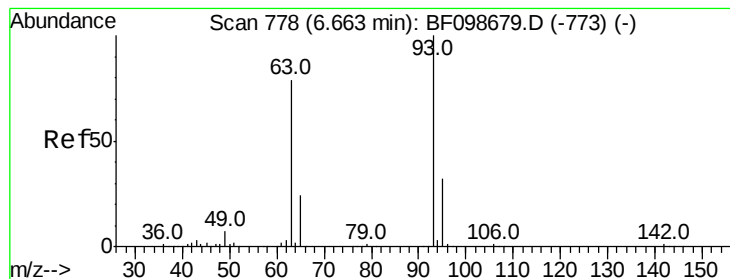
Delta R.T. -0.00 min

Lab File: BF098797.D

Acq: 25 Sep 2017 22:01

Tgt Ion:	94	Resp:	548047
Ion	Ratio	Lower	Upper
94	100		
65	26.2	7.9	47.9
66	33.9	16.2	56.2





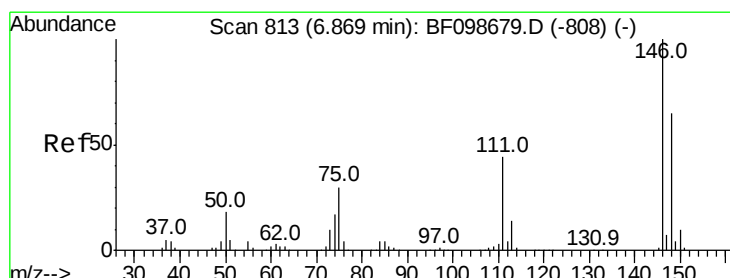
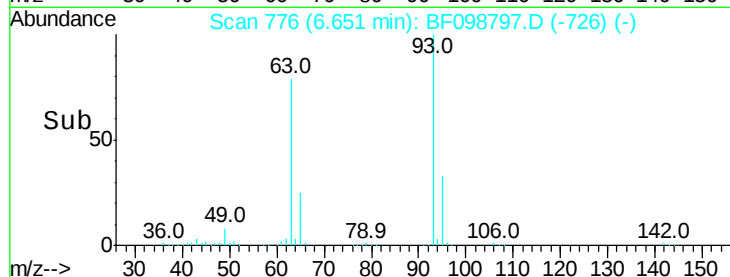
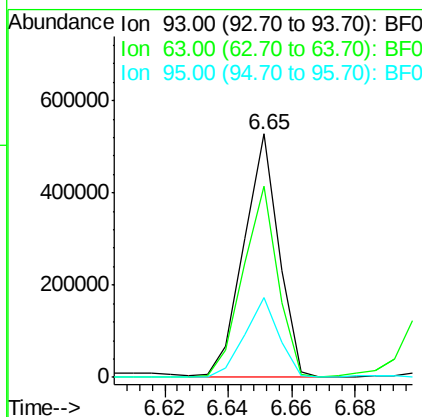
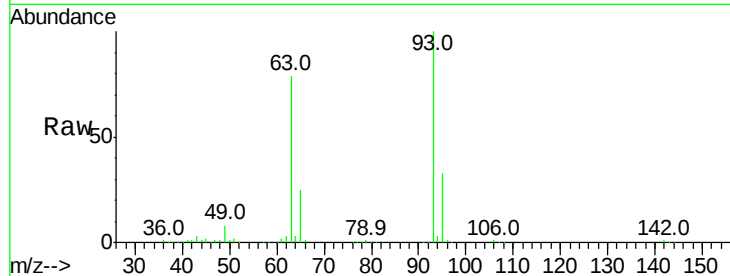
#11
bis(2-Chloroethyl)ether
Concen: 43.849 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.7	58.6	98.6
95	32.7	11.8	51.8

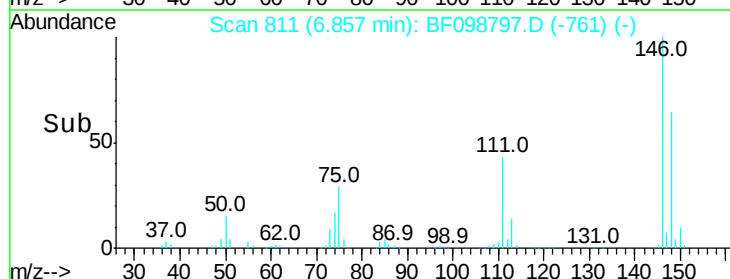
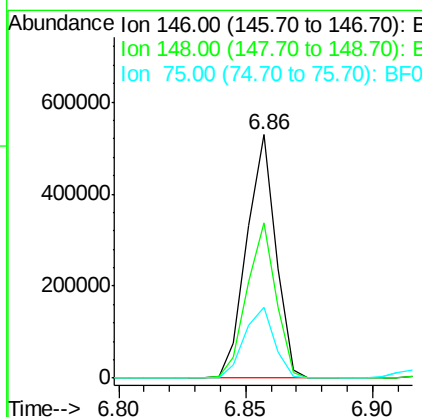
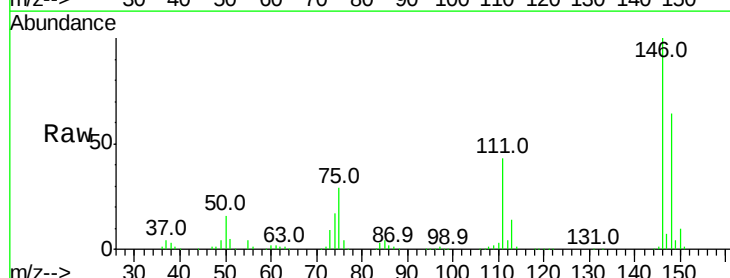
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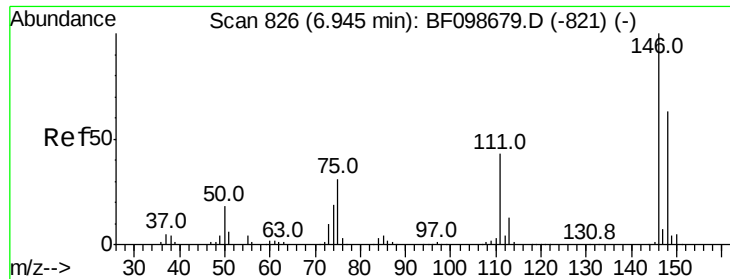
Sohil
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#12
1,3-Dichlorobenzene
Concen: 41.675 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.8
75	29.0	24.2	36.4





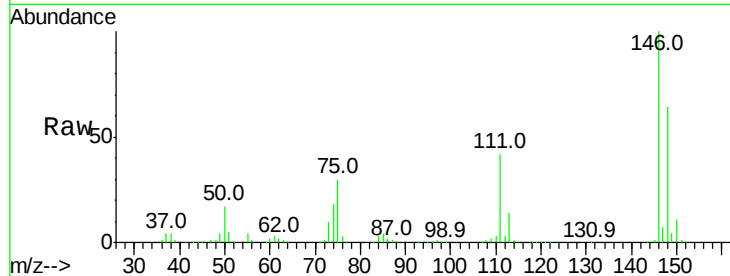
#13
 1,4-Dichlorobenzene
 Concen: 41.383 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF098797.D
 Acq: 25 Sep 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MSD

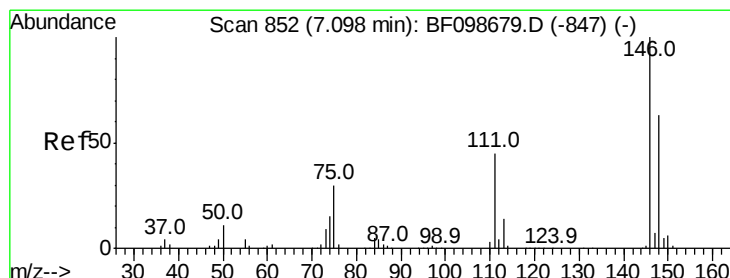
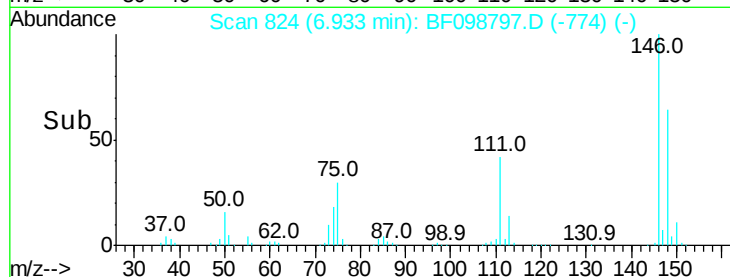
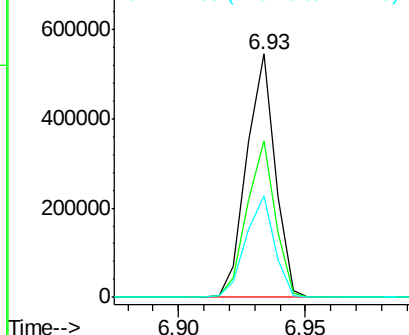
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.8	76.2
111	41.5	34.2	51.2

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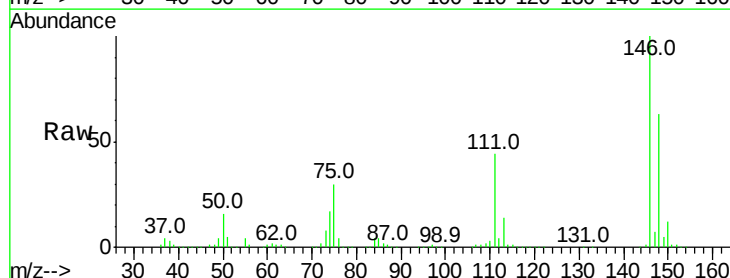


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

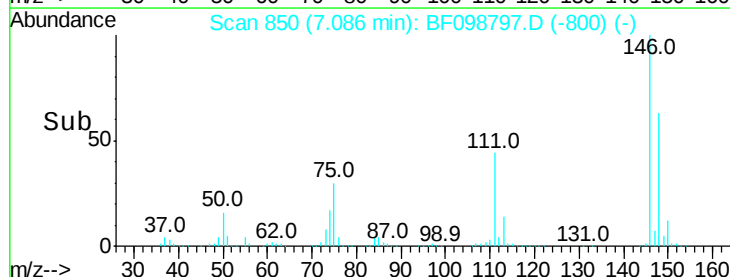
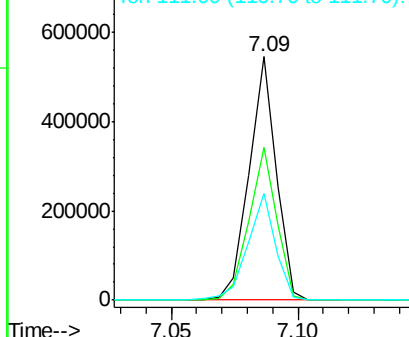


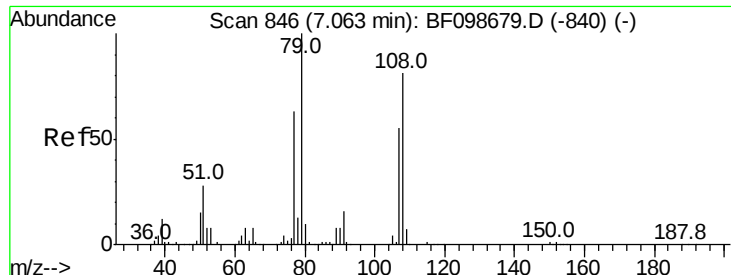
#14
 1,2-Dichlorobenzene
 Concen: 42.614 ng
 RT: 7.09 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BF098797.D
 Acq: 25 Sep 2017 22:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.6	75.8
111	43.8	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.902 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF098797.D

Acq: 25 Sep 2017 22:01

Instrument :

BNA_F

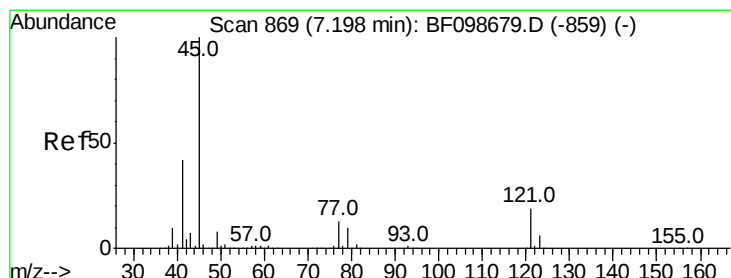
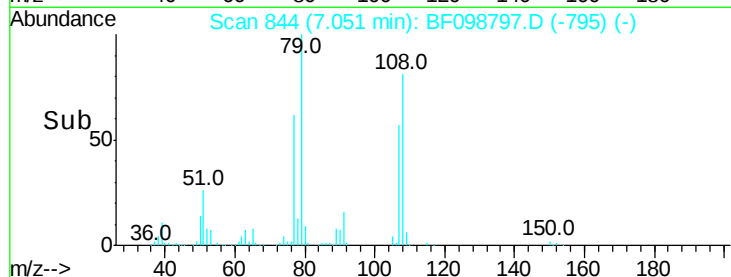
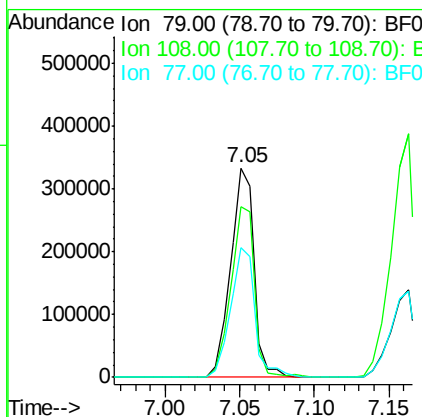
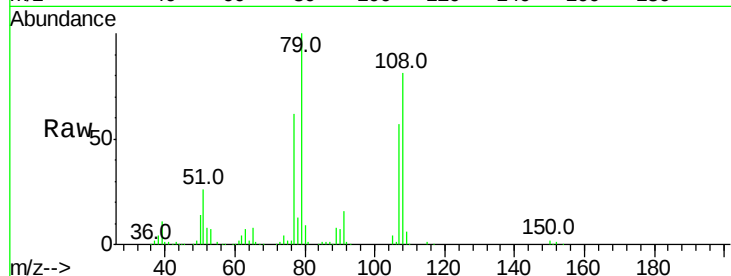
ClientSampleId :

FK-PS-01-016MSD

Tot Ion	79	Resp	370575
Ion Ratio	Lower	Upper	
79	100		
108	81.3	65.1	97.7
77	61.8	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 44.625 ng

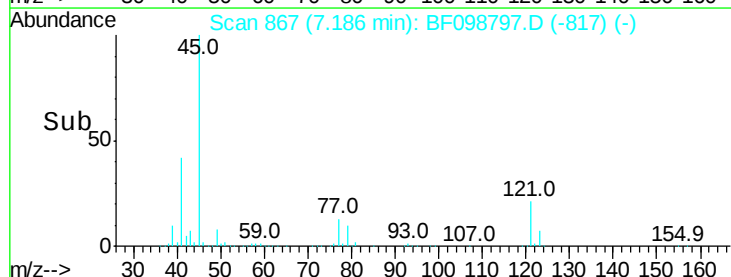
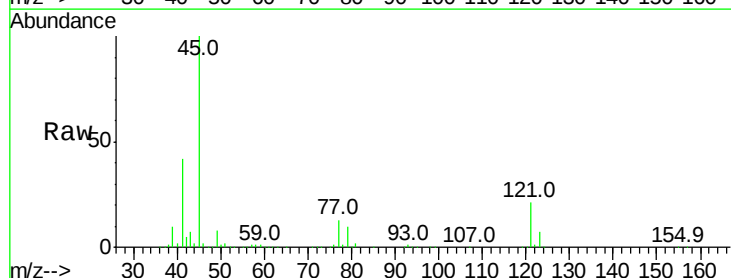
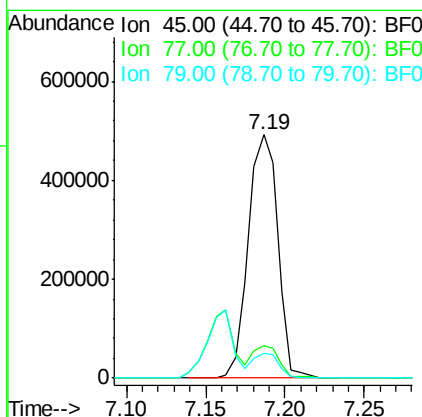
RT: 7.19 min Scan# 867

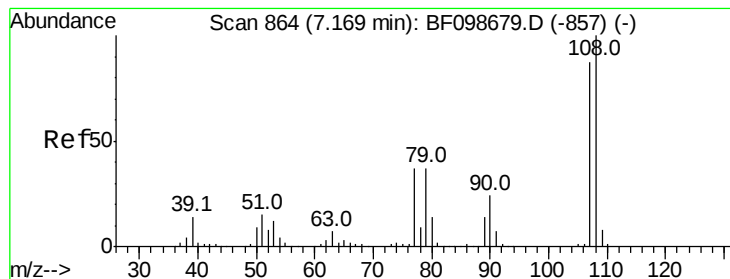
Delta R.T. -0.01 min

Lab File: BF098797.D

Acq: 25 Sep 2017 22:01

Tgt Ion	45	Resp	637453
Ion Ratio	Lower	Upper	
45	100		
77	13.4	0.0	32.9
79	10.0	0.0	29.6





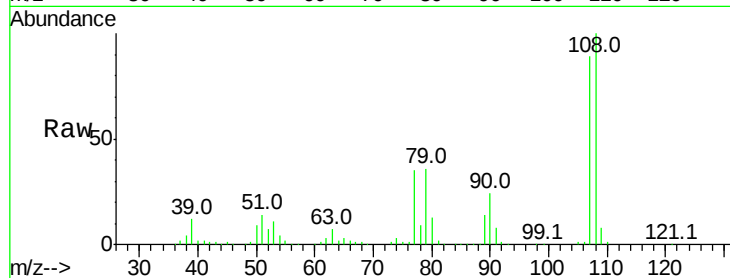
#17
2-Methylphenol
Concen: 45.811 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

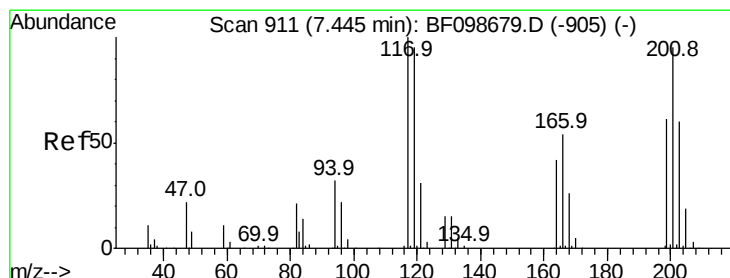
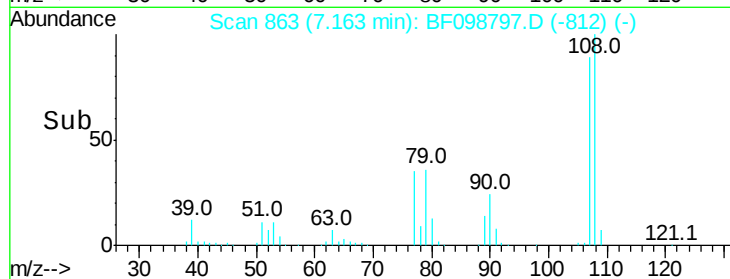
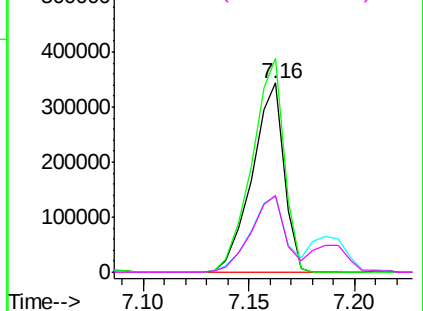
Tot Ion	107	Resp	362863
Ion Ratio	Lower	Upper	
107	100		
108	112.8	91.7	137.5
77	40.0	33.8	50.8
79	40.3	33.8	50.8

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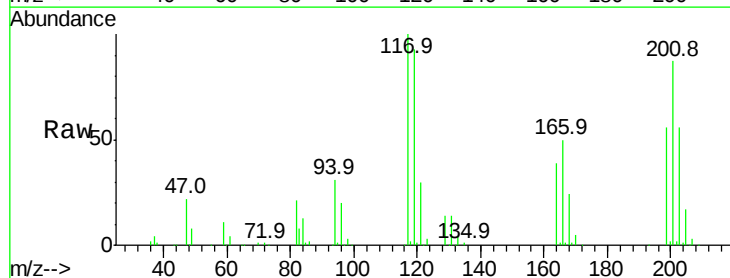


Abundance Ion 107.00 (106.70 to 107.70): E
600000 Ion 108.00 (107.70 to 108.70): E
500000 Ion 77.00 (76.70 to 77.70): BF0
400000 Ion 79.00 (78.70 to 79.70): BF0
300000
200000
100000
0

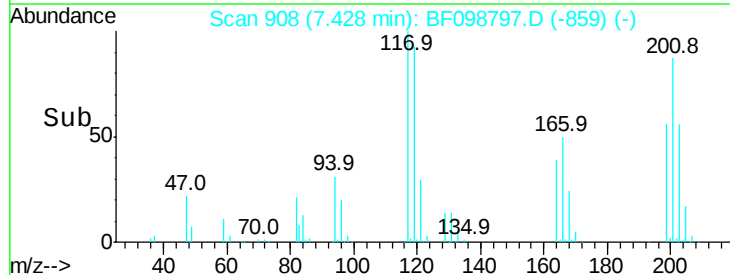
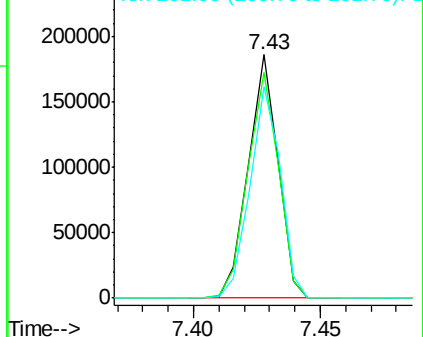


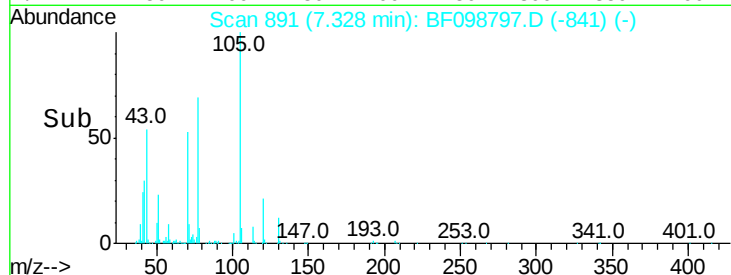
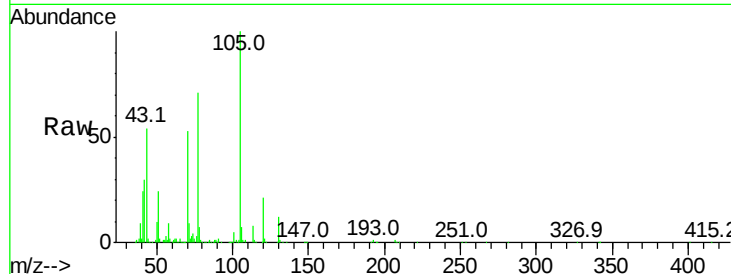
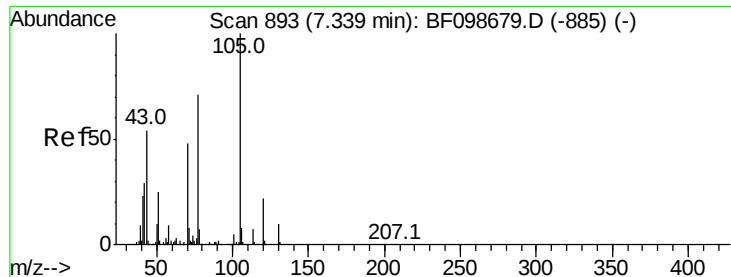
#18
Hexachloroethane
Concen: 41.160 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Tgt Ion	117	Resp	152607
Ion Ratio	Lower	Upper	
117	100		
119	92.6	75.8	113.8
201	86.8	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
250000 Ion 119.00 (118.70 to 119.70): E
200000 Ion 201.00 (200.70 to 201.70): E
150000
100000
50000
0





#19

n-Nitroso-di-n-propylamine

Concen: 43.399 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF098797.D

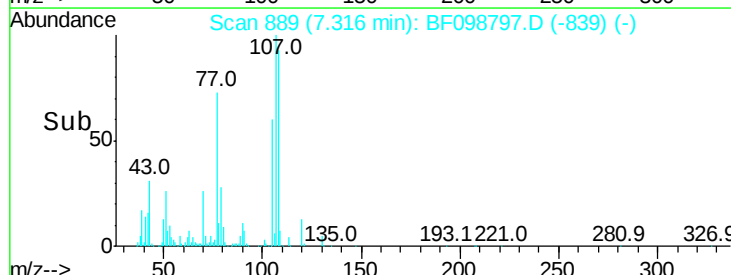
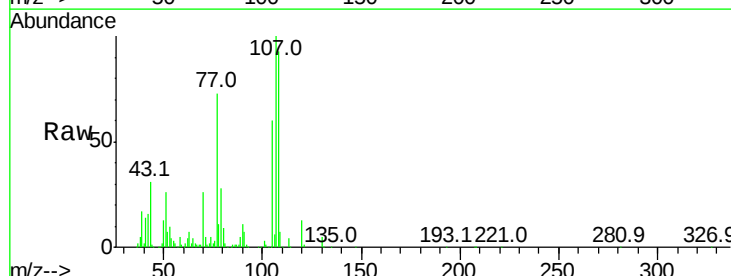
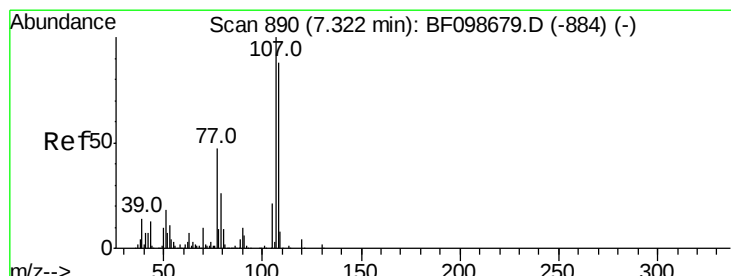
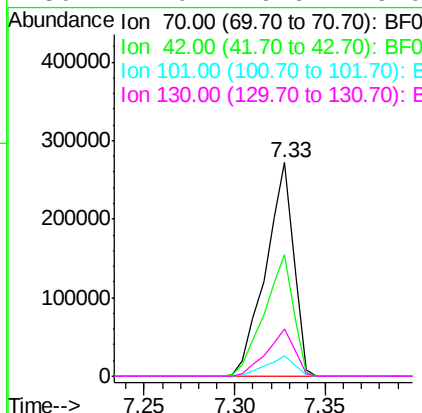
Acq: 25 Sep 2017 22:01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		292193		
42	56.9	47.5	71.3		
101	9.7	7.4	11.2		
130	22.0	16.6	25.0		

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

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#20

3+4-Methylphenols

Concen: 44.945 ng

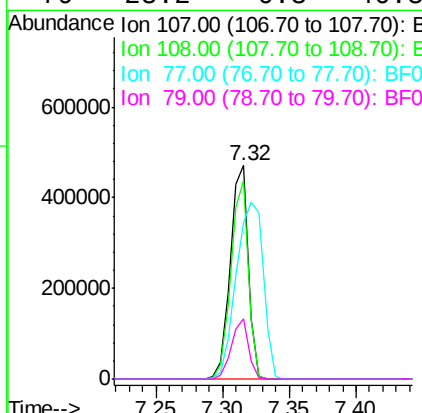
RT: 7.32 min Scan# 889

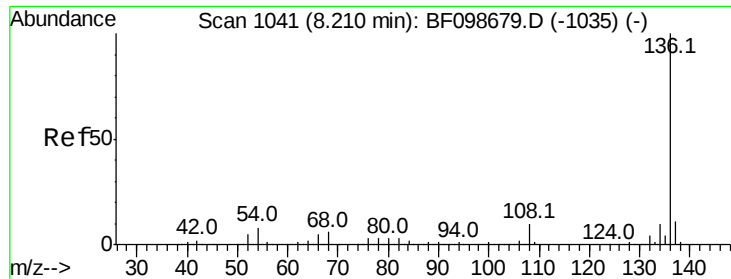
Delta R.T. -0.01 min

Lab File: BF098797.D

Acq: 25 Sep 2017 22:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		450369		
108	93.2	68.2	108.2		
77	73.2	26.7	66.7#		
79	28.2	6.3	46.3		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098797.D

Acq: 25 Sep 2017 22:01

Instrument :

BNA_F

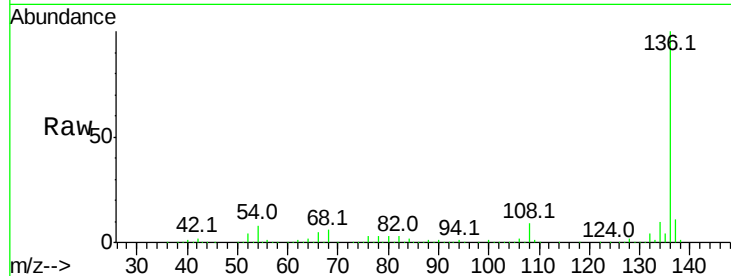
ClientSampleId :

FK-PS-01-016MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	589005		
137	11.0		8.9	13.3
54	7.7		6.6	9.8
68	5.9		5.0	7.4

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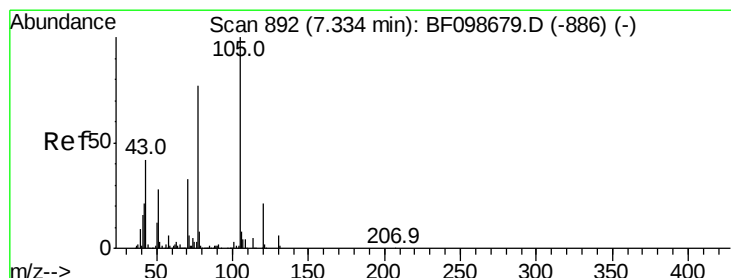
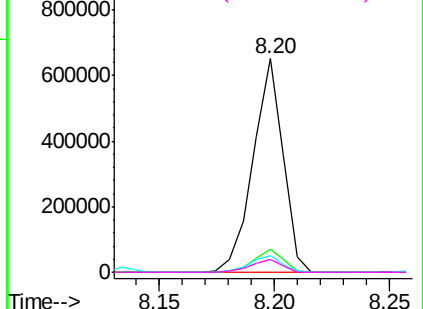
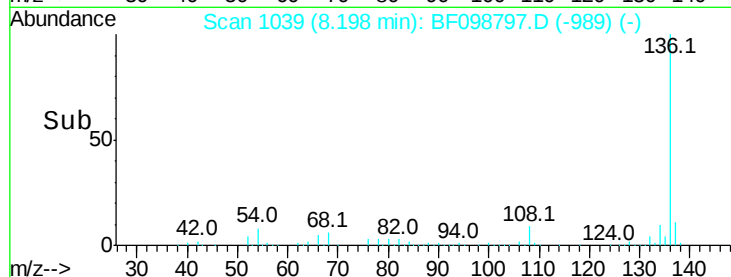


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.390 ng

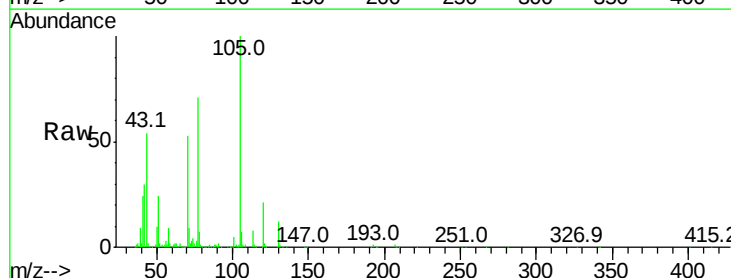
RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF098797.D

Acq: 25 Sep 2017 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	576388		
71	9.0		4.4	6.6#
51	24.2		22.3	33.5
120	21.3		16.9	25.3

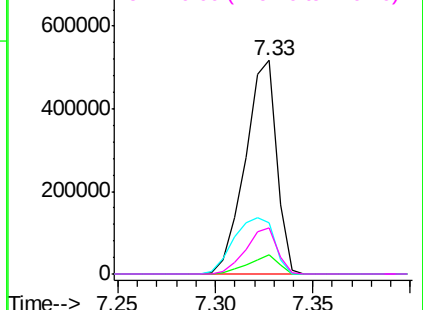
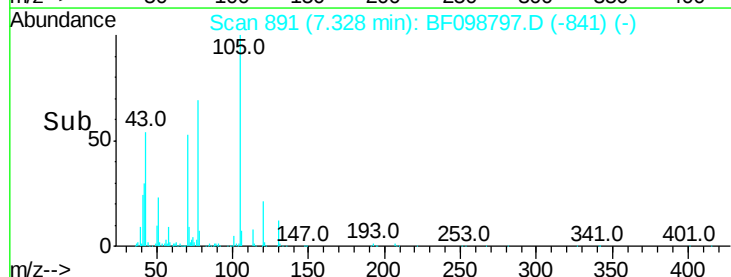


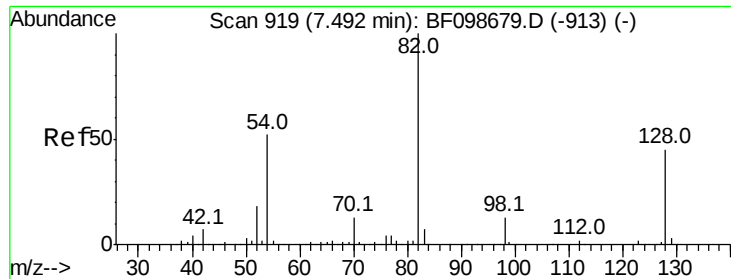
Abundance Ion 105.00 (104.70 to 105.70): E

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





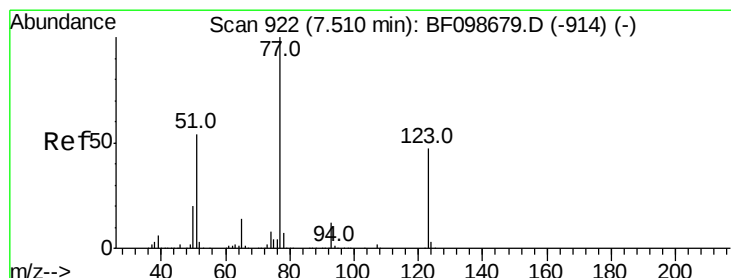
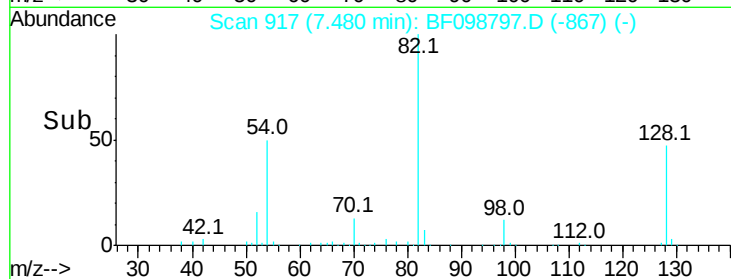
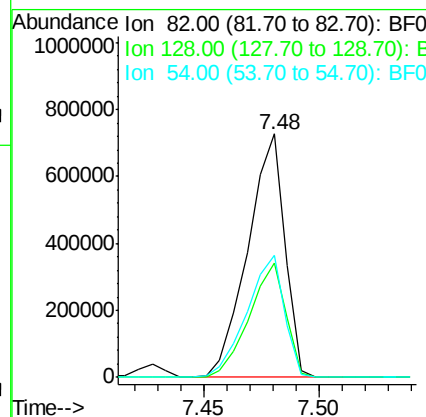
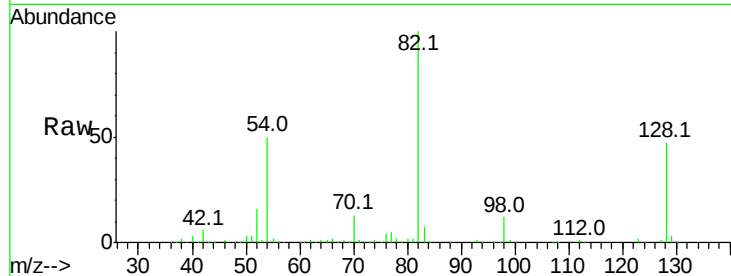
#23
Nitrobenzene-d5
Concen: 88.748 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.9	36.1	54.1	
54	50.1	41.4	62.2	

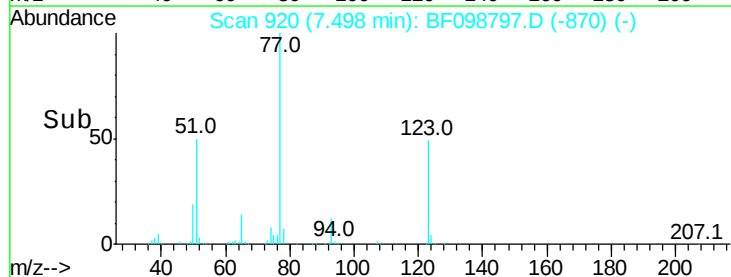
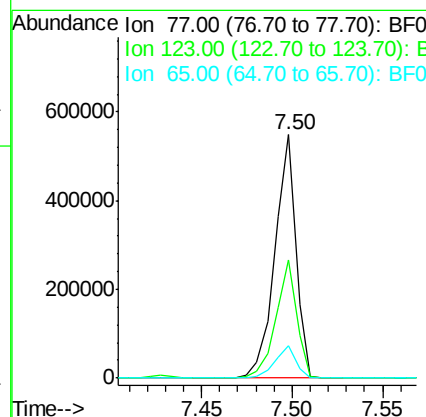
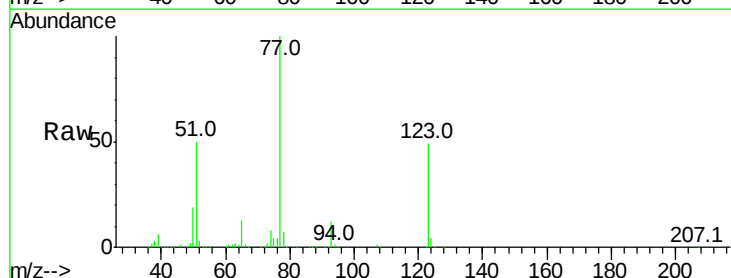
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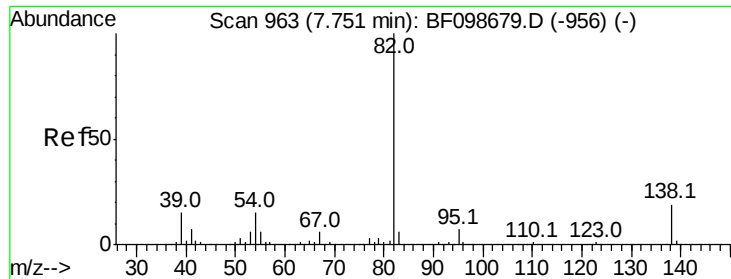
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#24
Nitrobenzene
Concen: 42.604 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.5	37.9	56.9	
65	13.5	11.0	16.4	





#25

Isophorone

Concen: 43.595 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF098797.D

Acq: 25 Sep 2017 22:01

Instrument :

BNA_F

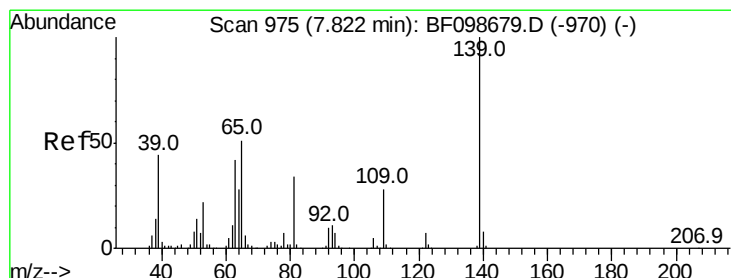
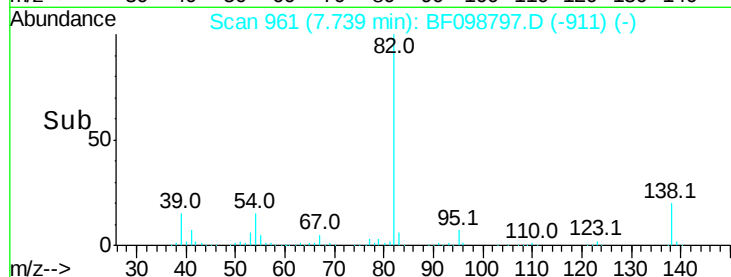
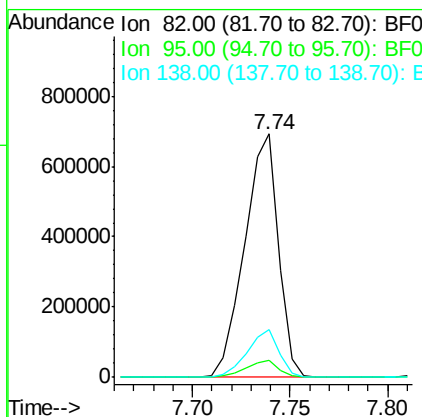
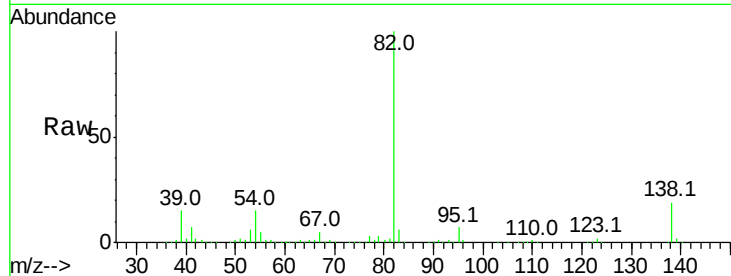
ClientSampleId :

FK-PS-01-016MSD

Tot Ion	82	Resp	827824
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.2	7.8
138	19.5	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.309 ng

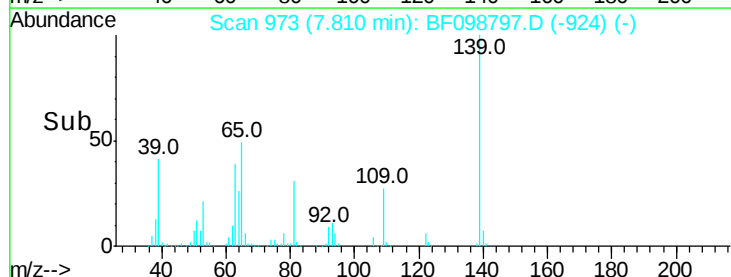
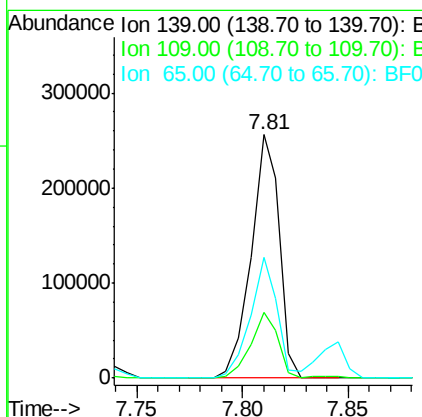
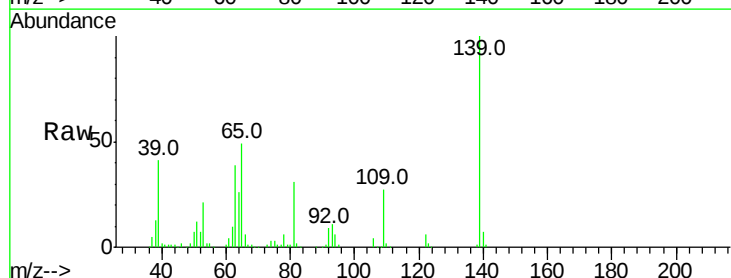
RT: 7.81 min Scan# 973

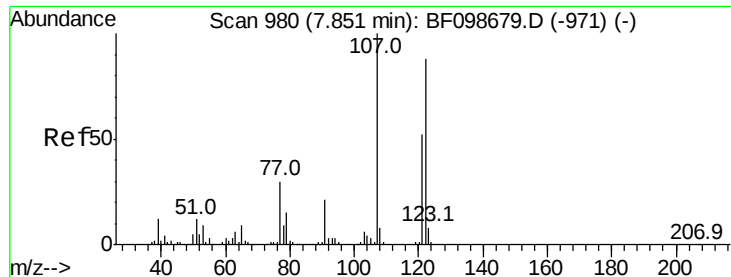
Delta R.T. -0.01 min

Lab File: BF098797.D

Acq: 25 Sep 2017 22:01

Tgt Ion	139	Resp	237024
Ion Ratio	Lower	Upper	
139	100		
109	27.2	22.7	34.1
65	49.3	40.5	60.7





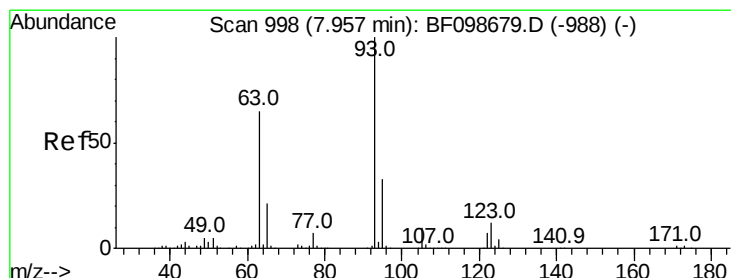
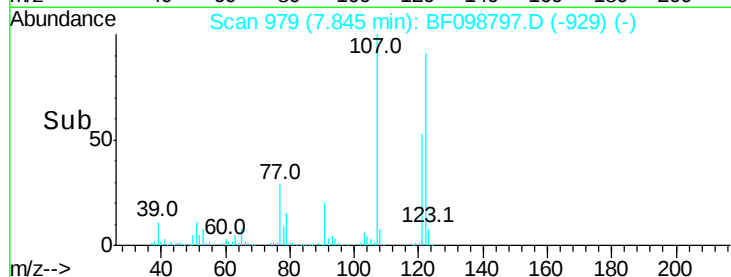
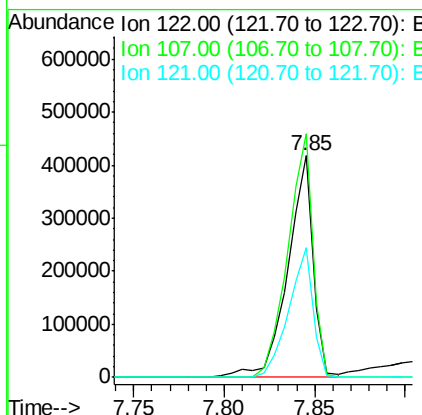
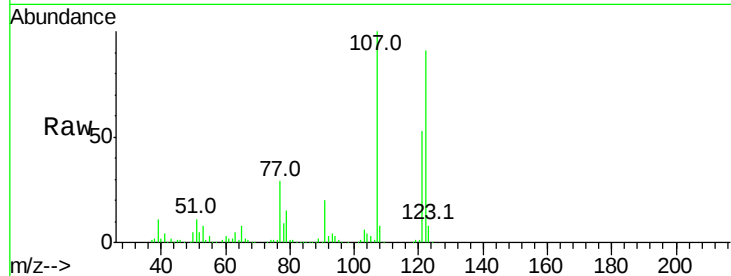
#27
 2,4-Dimethylphenol
 Concen: 43.540 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF098797.D
 Acq: 25 Sep 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.1	91.2	136.8
121	58.5	47.2	70.8

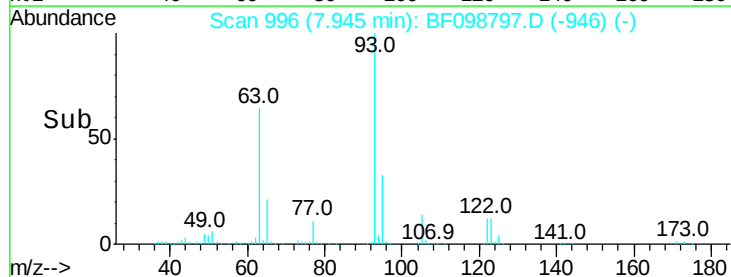
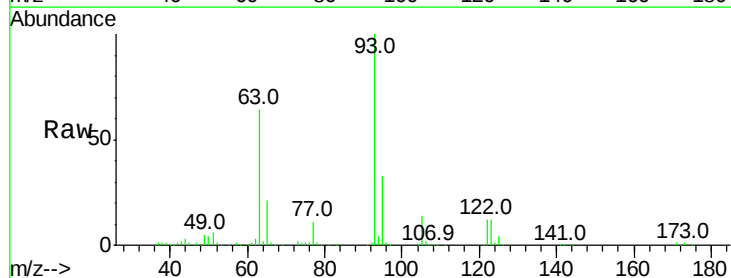
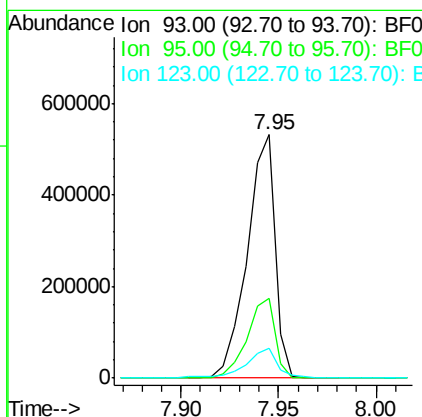
Manual Integrations
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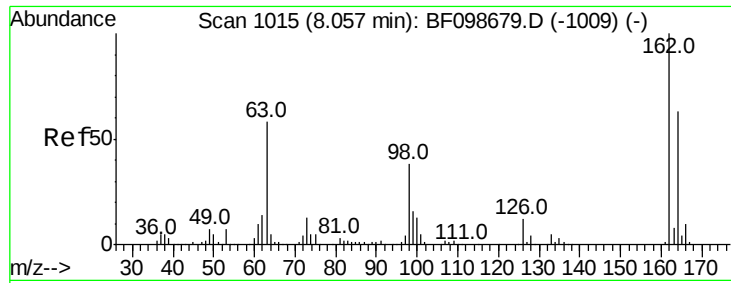
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 44.327 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF098797.D
 Acq: 25 Sep 2017 22:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	12.3	9.8	14.6





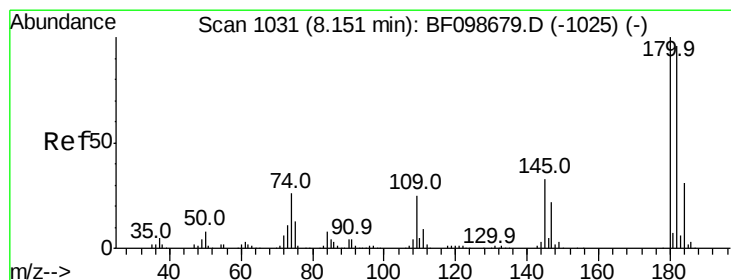
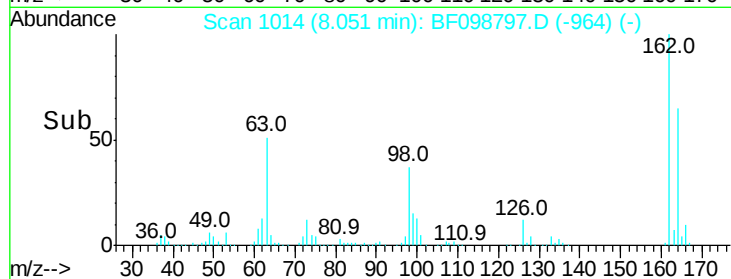
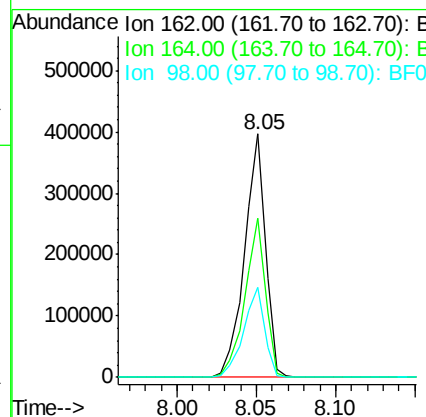
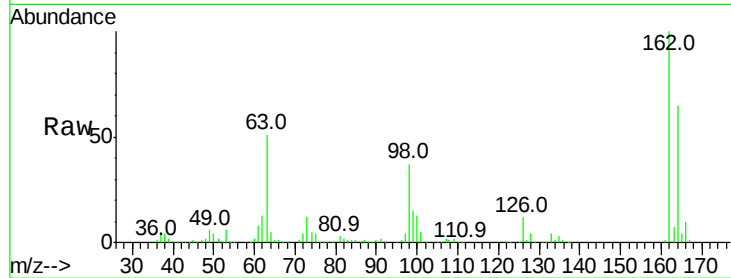
#29
 2,4-Dichlorophenol
 Concen: 44.633 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BF098797.D
 Acq: 25 Sep 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	362575		
164	65.3	42.7	82.7	
98	36.9	18.1	58.1	

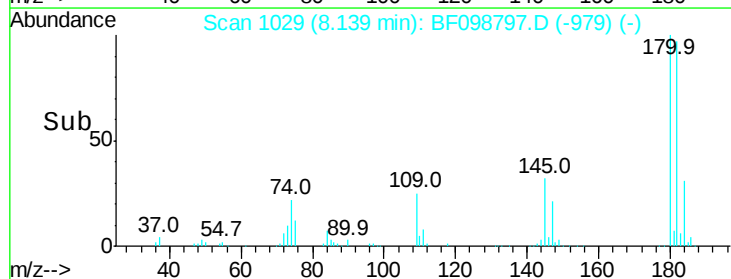
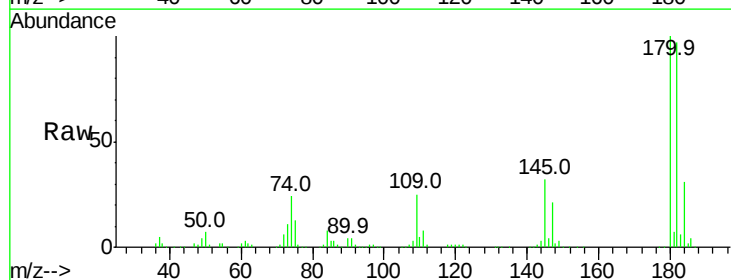
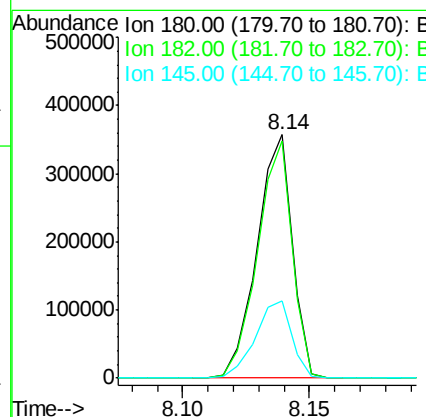
Manual Integrations
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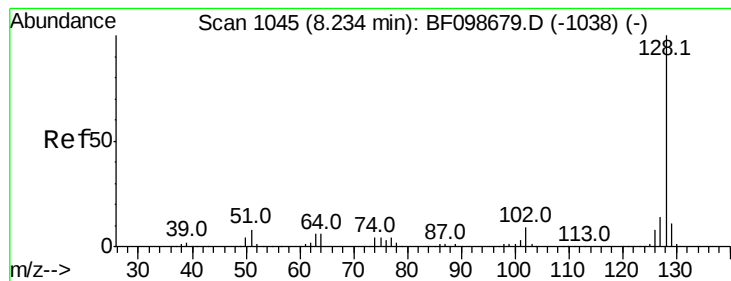
Sohil
 9/26/2017 4:58:38 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.750 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF098797.D
 Acq: 25 Sep 2017 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	347334		
182	97.4	76.8	115.2	
145	31.8	26.5	39.7	





#31

Naphthalene

Concen: 43.145 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF098797.D

Acq: 25 Sep 2017 22:01

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-016MSD

Tot Ion:128 Resp: 1193531

Ion Ratio Lower Upper

128 100

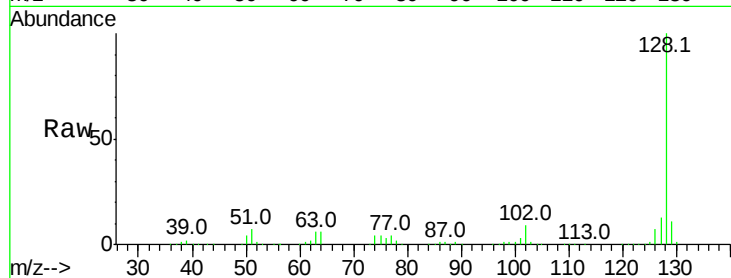
129 11.1 8.8 13.2

127 13.4 10.9 16.3

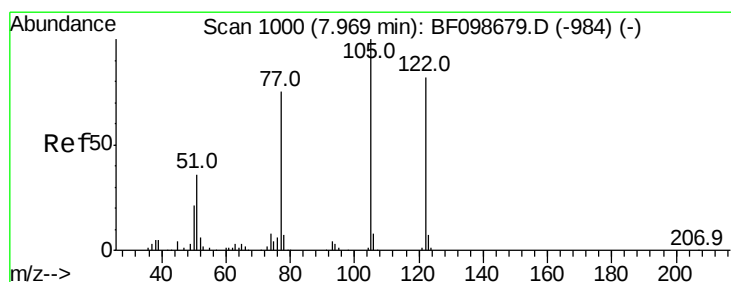
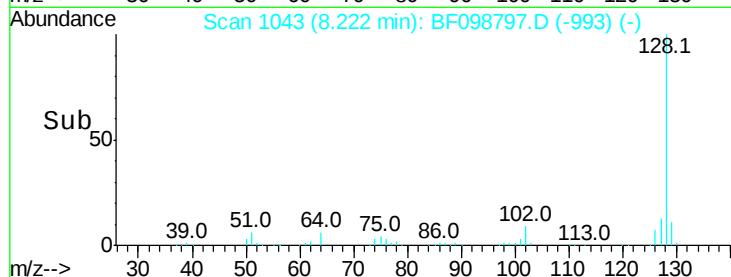
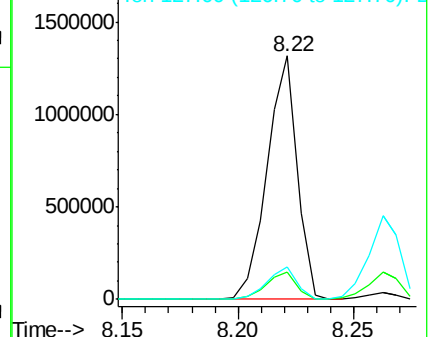
Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.956 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.02 min

Lab File: BF098797.D

Acq: 25 Sep 2017 22:01

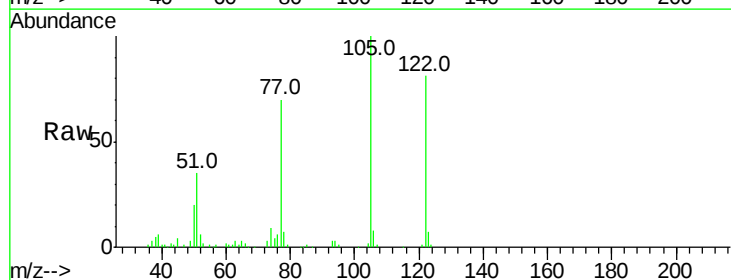
Tgt Ion:122 Resp: 232817

Ion Ratio Lower Upper

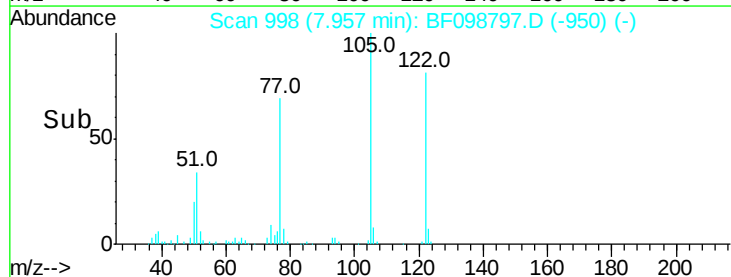
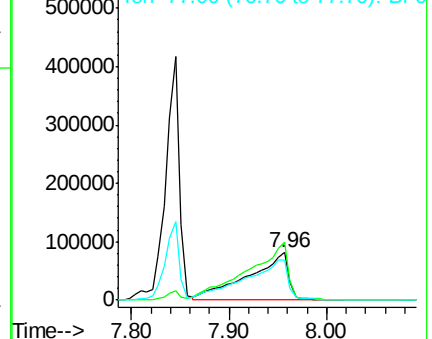
122 100

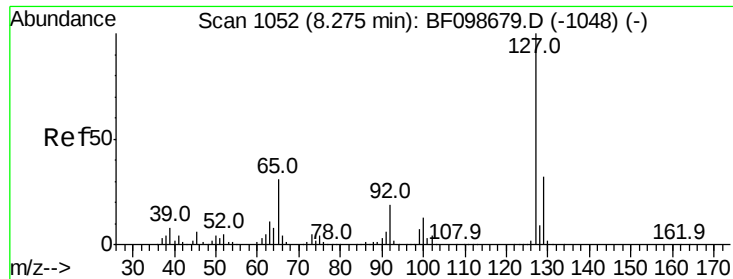
105 123.2 101.1 141.1

77 85.6 70.7 110.7



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





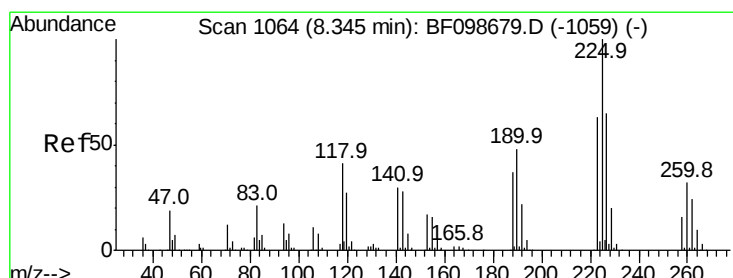
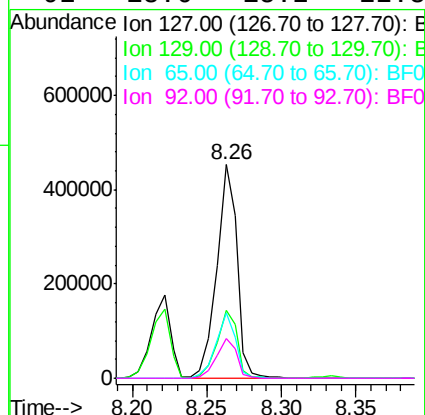
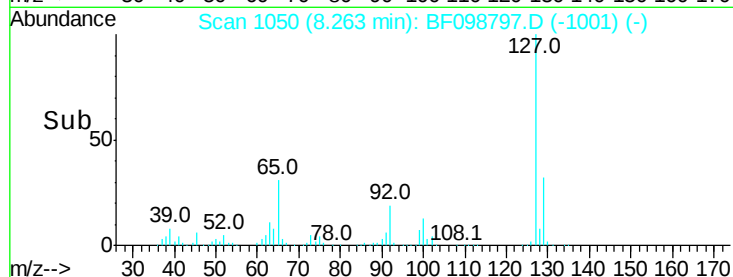
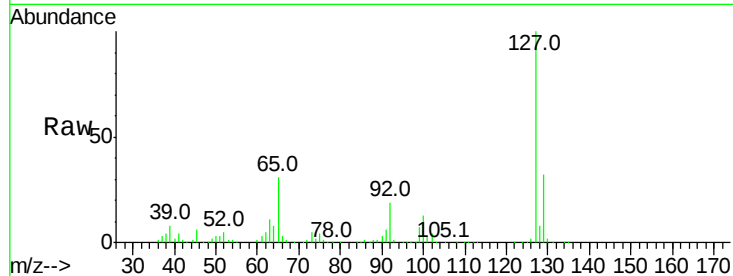
#33
4-Chloroaniline
Concen: 37.273 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	25.9	38.9		
65	30.7	25.0	37.4		
92	18.6	15.2	22.8		

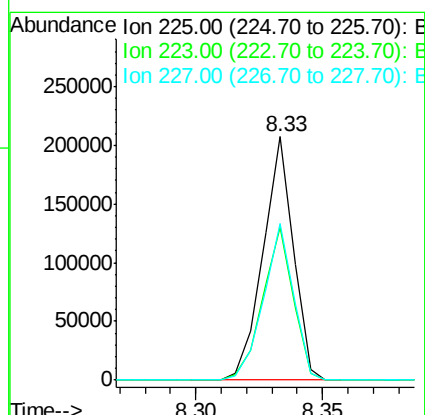
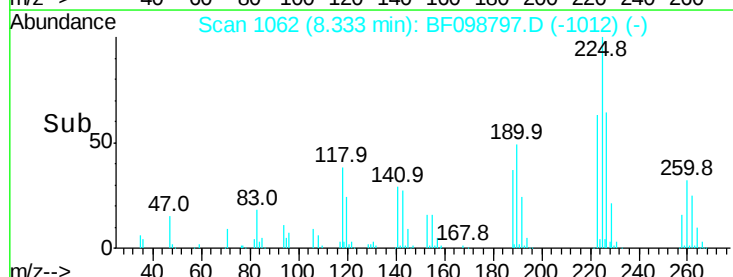
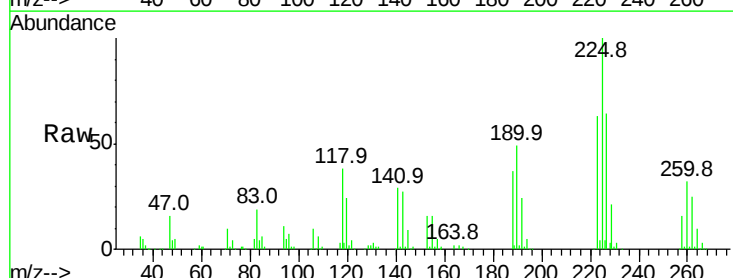
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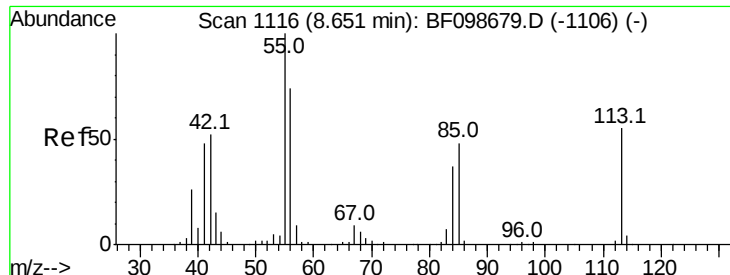
Sohil
9/26/2017 4:58:38 PM



#34
Hexachlorobutadiene
Concen: 41.167 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	50.6	76.0		
227	64.1	51.9	77.9		





#35

Caprolactam

Concen: 53.755 ng/mL

RT: 8.64 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF098797.D

Acq: 25 Sep 2017 22:01

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-016MSD

Tot Ion:113 Resp: 140076

Ion Ratio Lower Upper

113 100

55 187.5 163.3 203.3

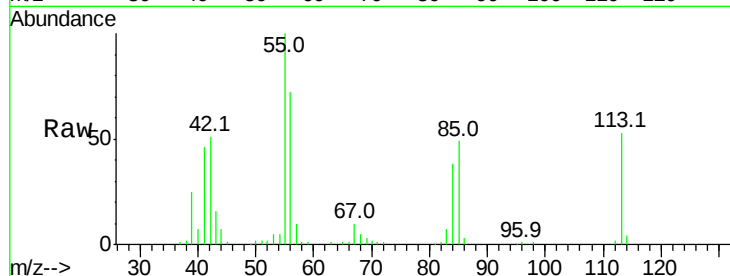
56 135.5 115.7 155.7

Manual Integrations

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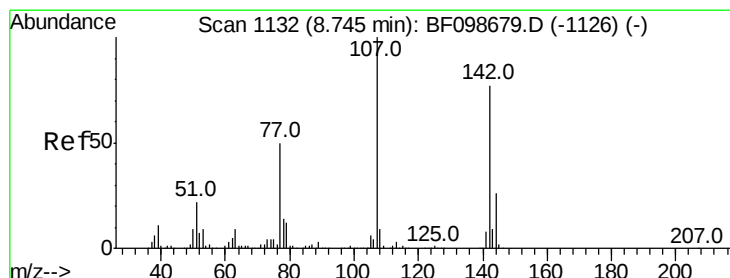
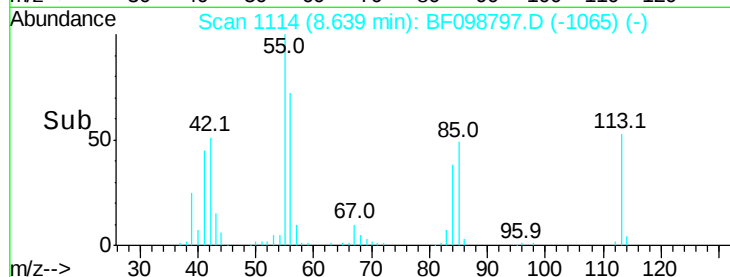
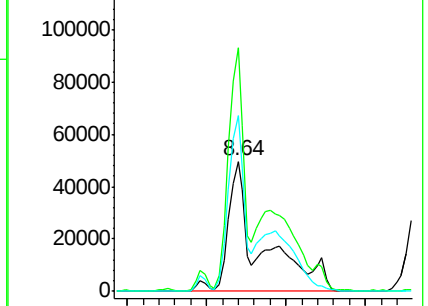
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.705 ng/mL

RT: 8.75 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BF098797.D

Acq: 25 Sep 2017 22:01

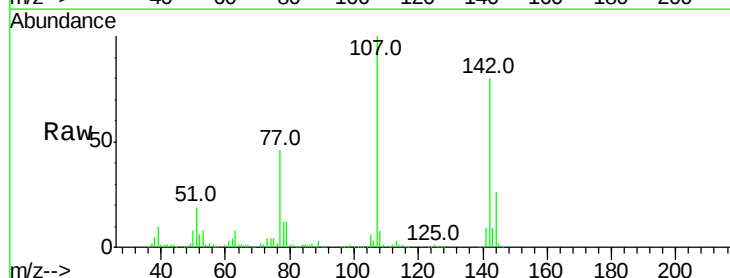
Tgt Ion:107 Resp: 408193

Ion Ratio Lower Upper

107 100

144 26.1 20.5 30.7

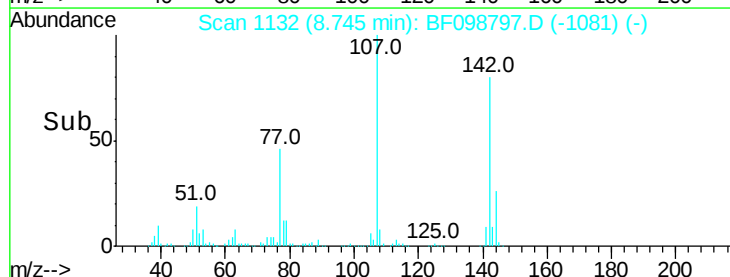
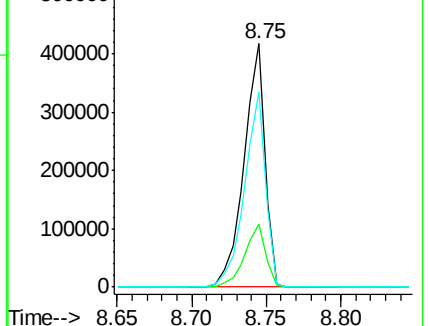
142 80.1 62.0 93.0

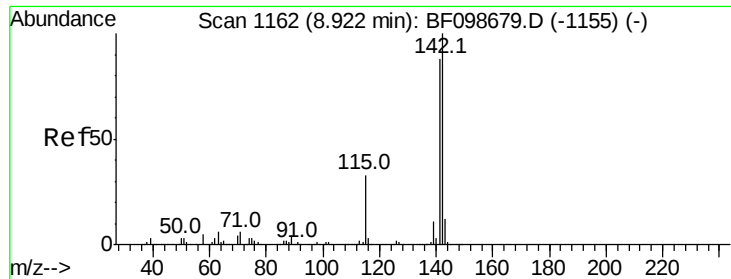


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.974 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF098797.D

Acq: 25 Sep 2017 22:01

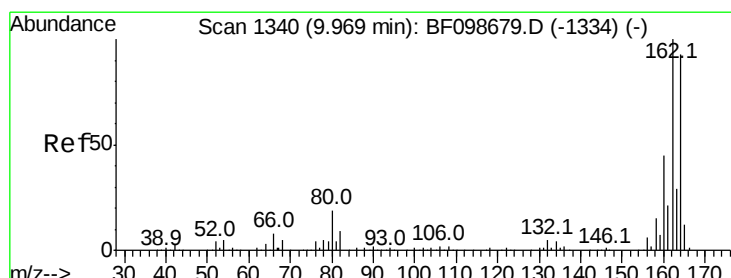
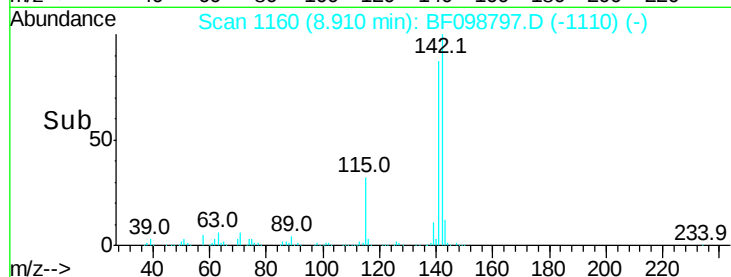
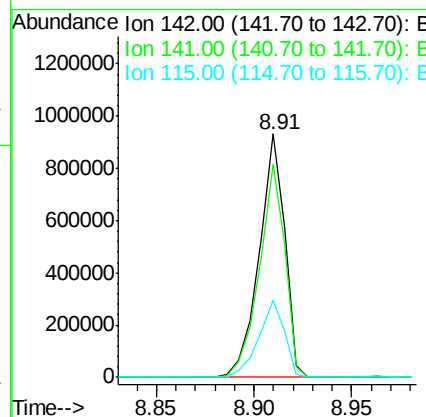
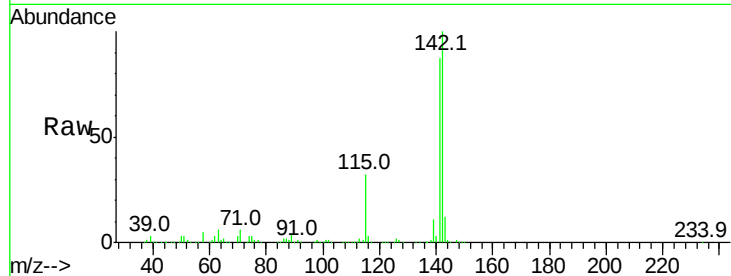
Instrument :
BNA_F

ClientSampleId :
FK-PS-01-016MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.8	106.2
115	31.8	26.1	39.1

Manual Integrations
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#38

Acenaphthene-d10

Concen: 20.000 ng

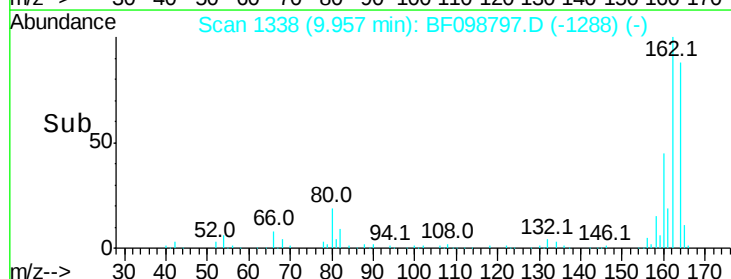
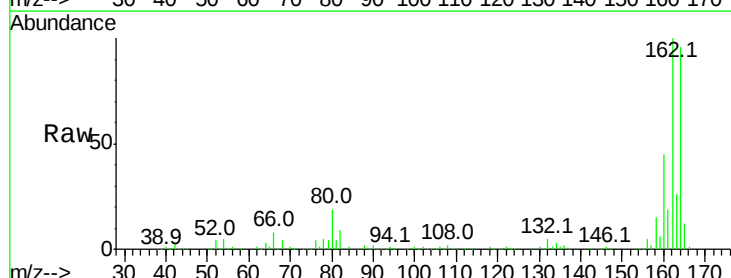
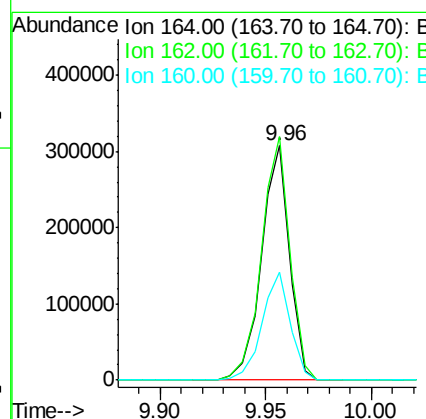
RT: 9.96 min Scan# 1338

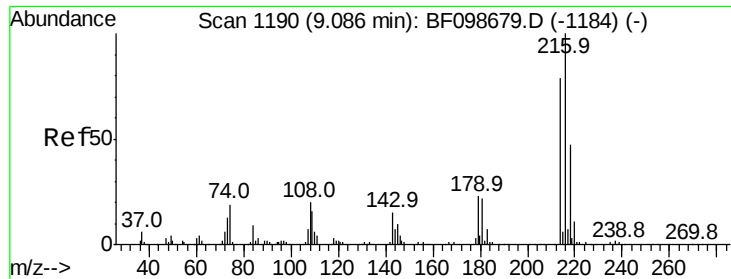
Delta R.T. -0.01 min

Lab File: BF098797.D

Acq: 25 Sep 2017 22:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	46.3	38.3	57.5





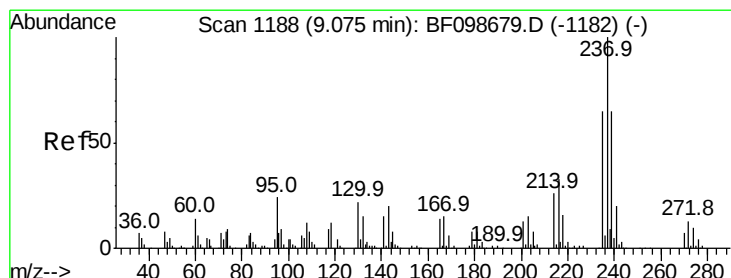
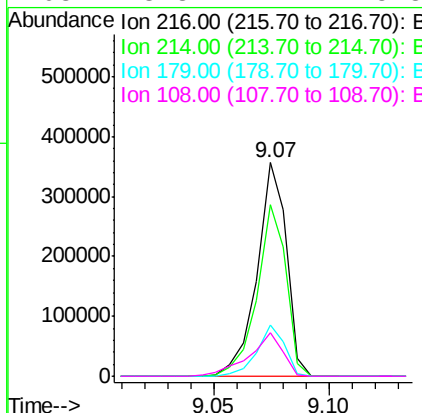
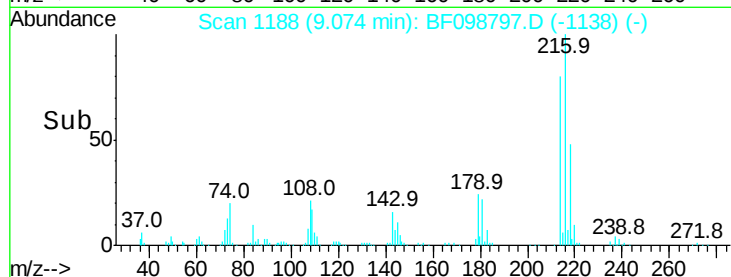
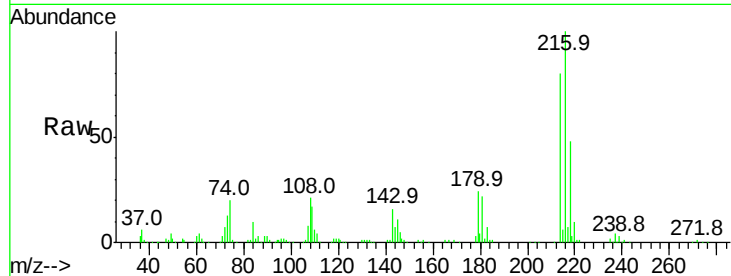
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.794 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF098797.D
 Acq: 25 Sep 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	63.0	94.4	
179	22.8	18.1	27.1	
108	23.3	17.2	25.8	

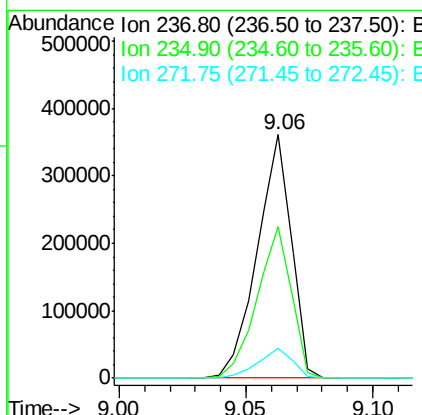
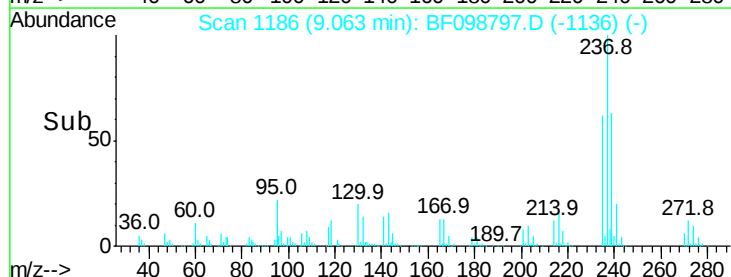
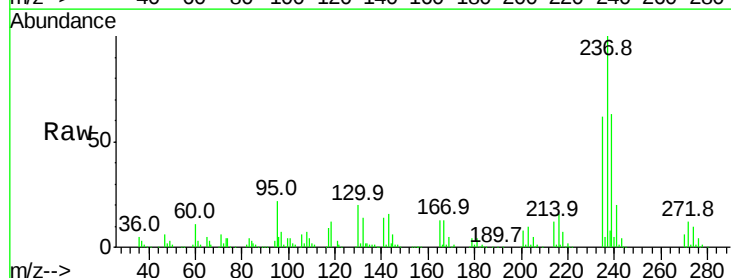
Manual Integrations
 APPROVED

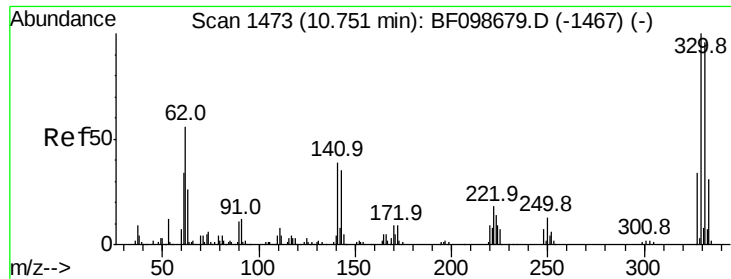
Sohil
 9/26/2017 4:58:38 PM



#40
 Hexachlorocyclopentadiene
 Concen: 88.167 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF098797.D
 Acq: 25 Sep 2017 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.1	44.8	84.8	
272	12.5	0.0	33.3	





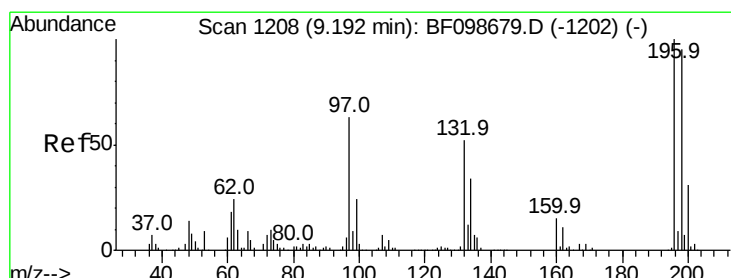
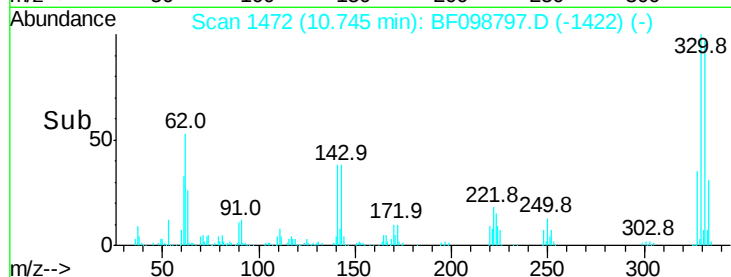
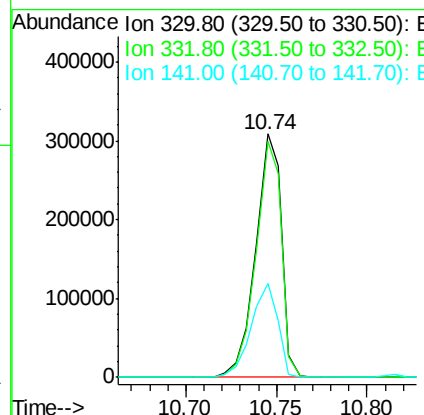
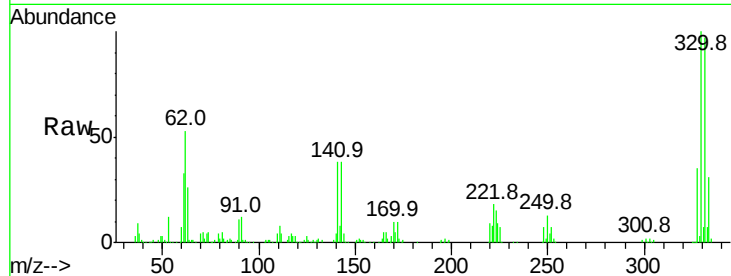
#41
 2,4,6-Tribromophenol
 Concen: 131.938 ng
 RT: 10.74 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098797.D
 Acq: 25 Sep 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	77.0	115.6	
141	39.9	29.9	44.9	

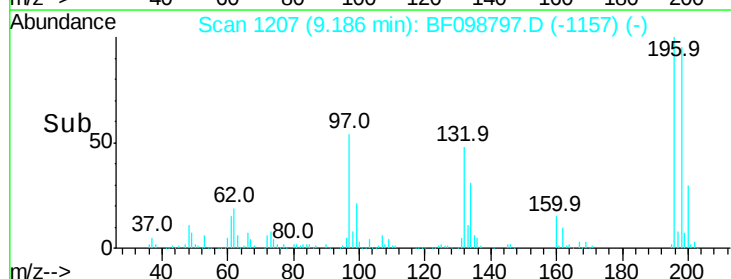
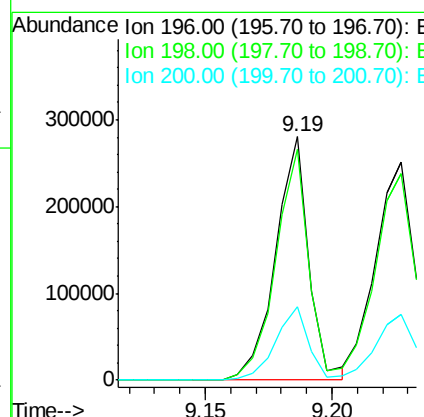
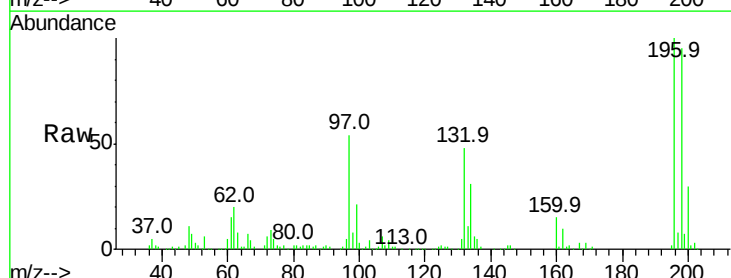
Manual Integrations
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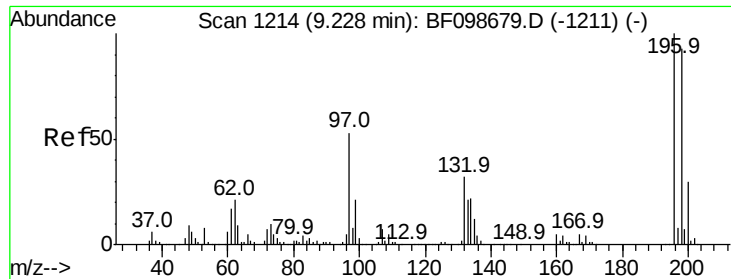
Sohil
 9/26/2017 4:58:38 PM



#42
 2,4,6-Trichlorophenol
 Concen: 43.090 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF098797.D
 Acq: 25 Sep 2017 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.9	75.7	113.5	
200	30.0	24.5	36.7	





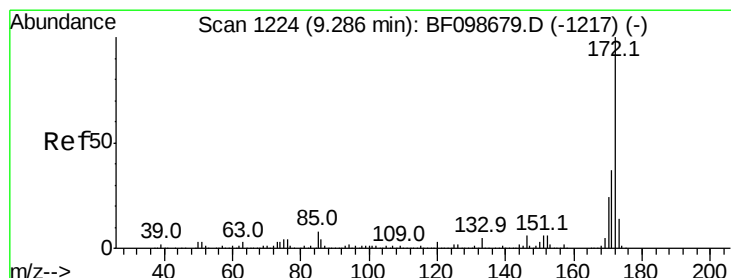
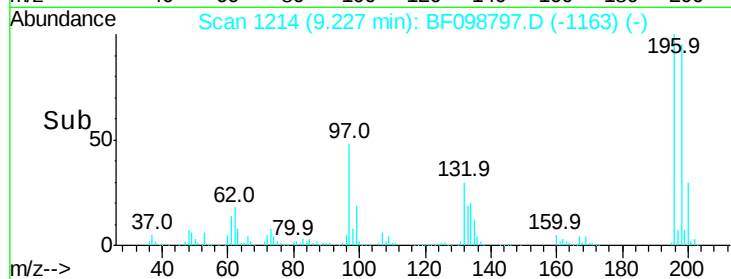
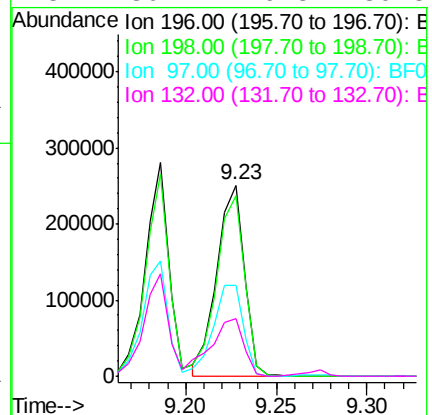
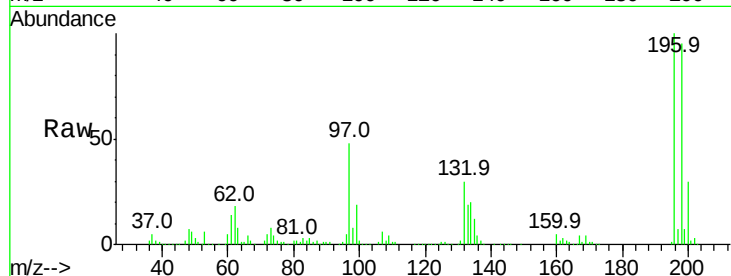
#43
 2,4,5-Trichlorophenol
 Concen: 44.637 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF098797.D
 Acq: 25 Sep 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	265847		
198	94.7	74.6	112.0	
97	47.6	42.9	64.3	
132	30.2	26.3	39.5	

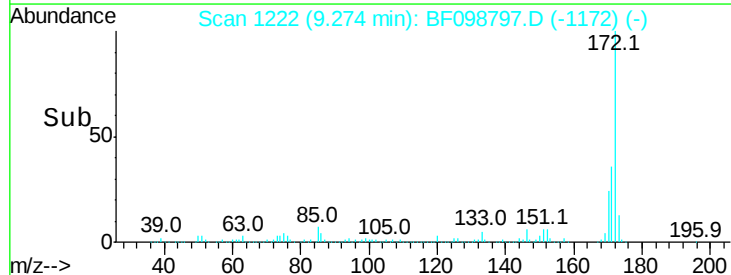
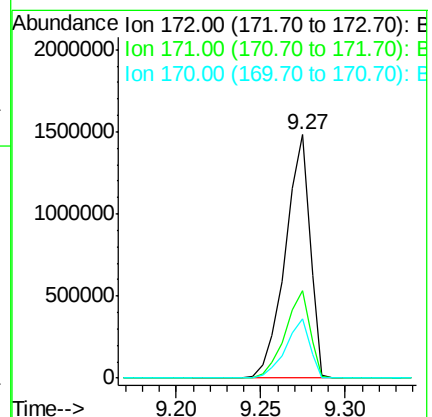
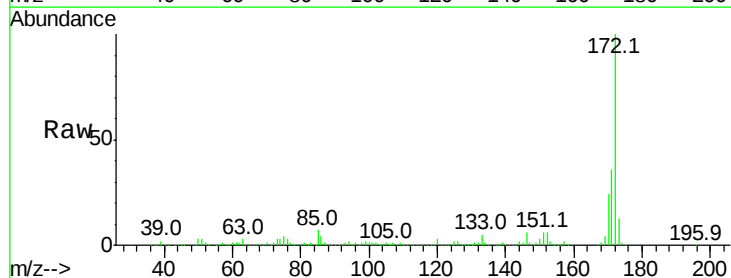
Manual Integrations
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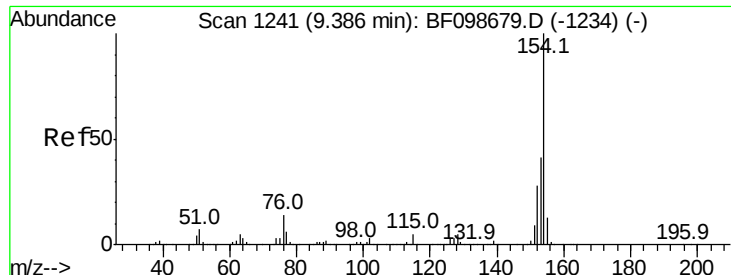
Sohil
 9/26/2017 4:58:38 PM



#44
 2-Fluorobiphenyl
 Concen: 88.065 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098797.D
 Acq: 25 Sep 2017 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1489666		
171	36.2	29.7	44.5	
170	24.1	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 39.993 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BF098797.D

Acq: 25 Sep 2017 22:01

Instrument :

BNA_F

ClientSampleId :

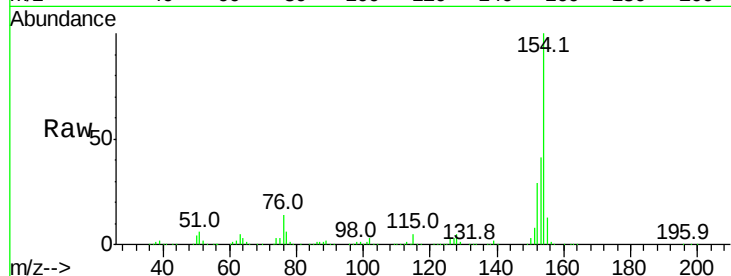
FK-PS-01-016MSD

Tot Ion:	154	Resp:	970613
Ion Ratio	Lower	Upper	
154	100		
153	40.8	21.3	61.3
76	14.0	0.0	34.0

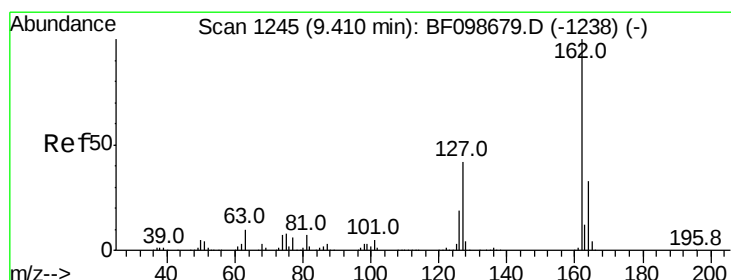
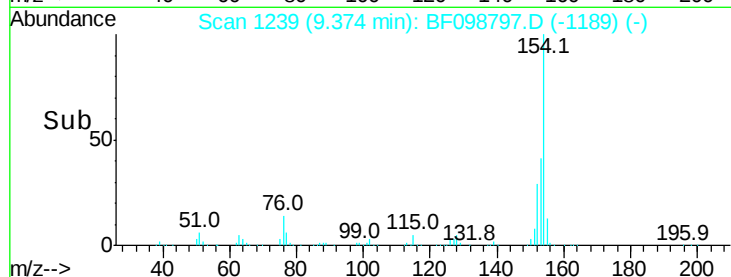
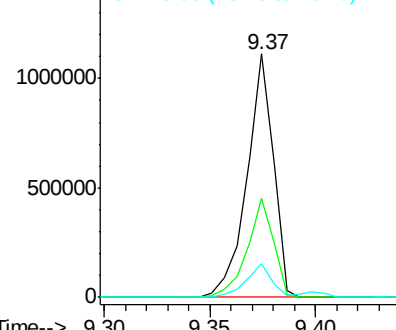
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.999 ng

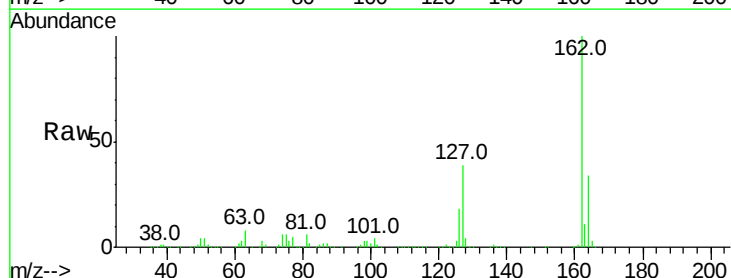
RT: 9.40 min Scan# 1244

Delta R.T. -0.01 min

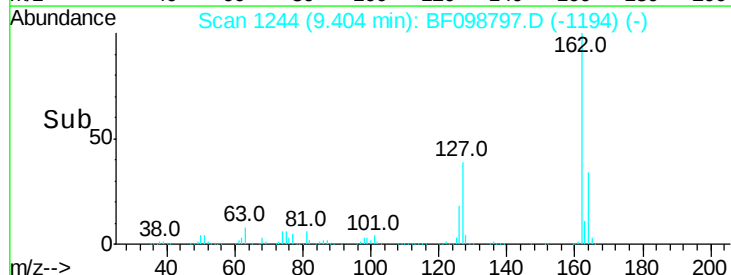
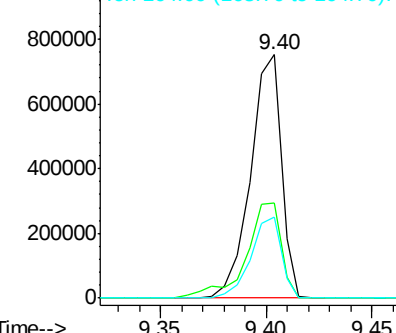
Lab File: BF098797.D

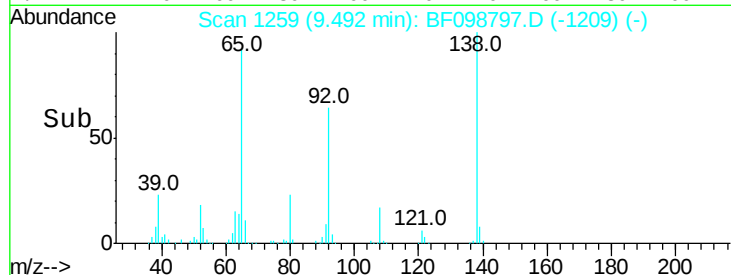
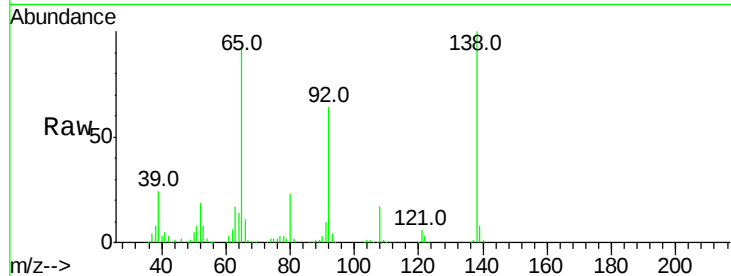
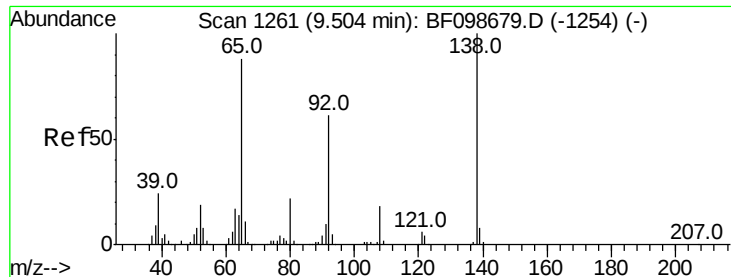
Acq: 25 Sep 2017 22:01

Tgt Ion:	162	Resp:	765316
Ion Ratio	Lower	Upper	
162	100		
127	39.1	33.9	50.9
164	33.5	26.5	39.7



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





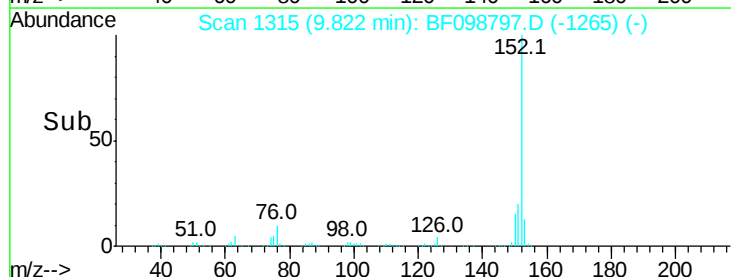
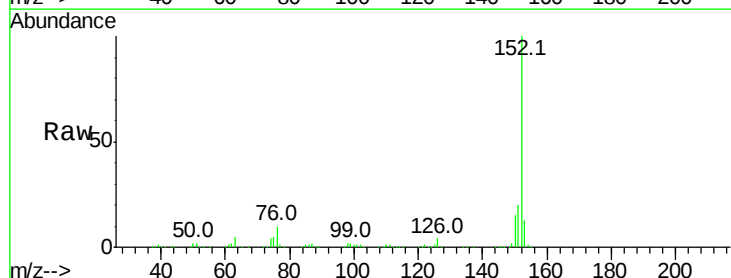
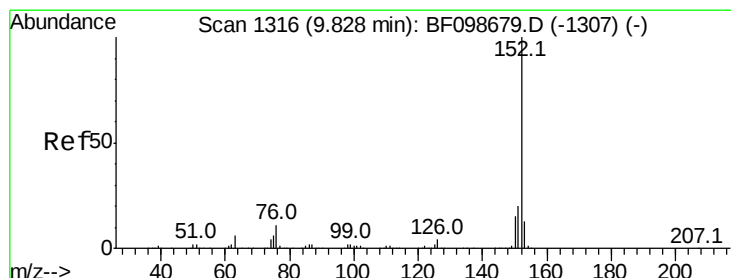
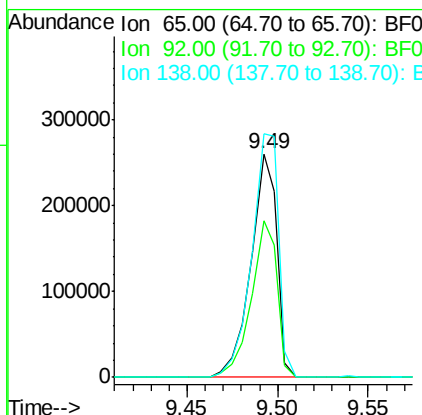
#47
2-Nitroaniline
Concen: 46.326 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	258485		
92	69.9	55.8	83.6	
138	109.1	91.2	136.8	

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

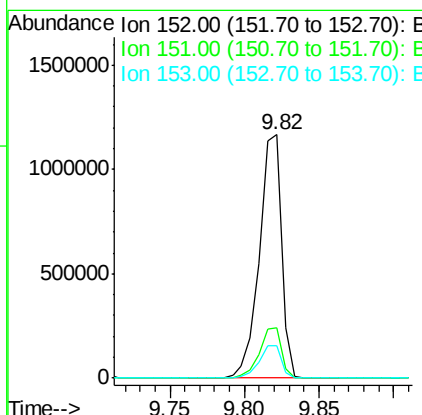
Manual Integrations
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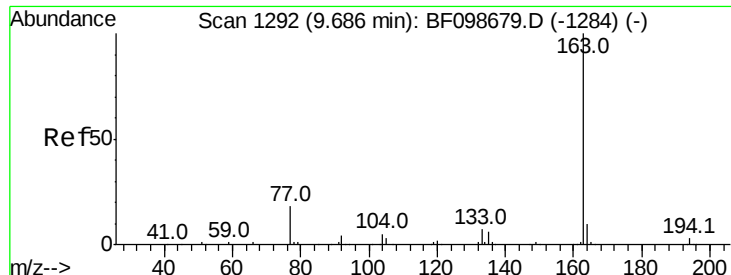
Sohil
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#48
Acenaphthylene
Concen: 42.670 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1190293		
151	20.5	16.3	24.5	
153	13.2	10.7	16.1	





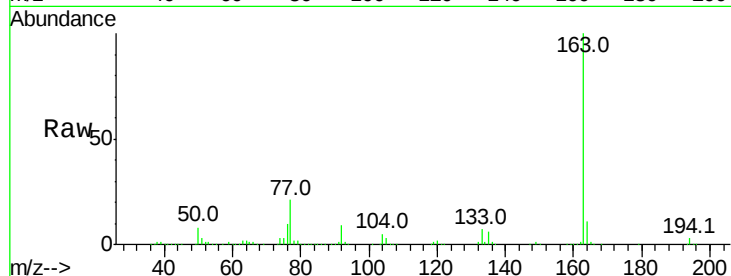
#49
Dimethylphthalate
Concen: 51.007 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

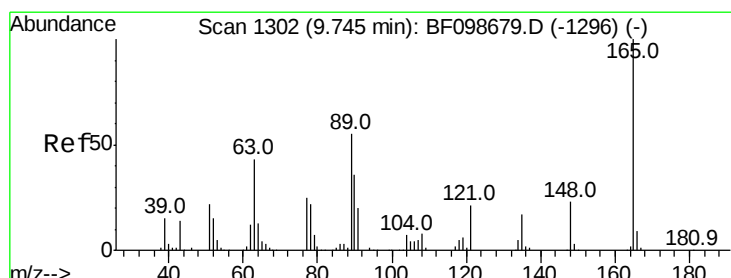
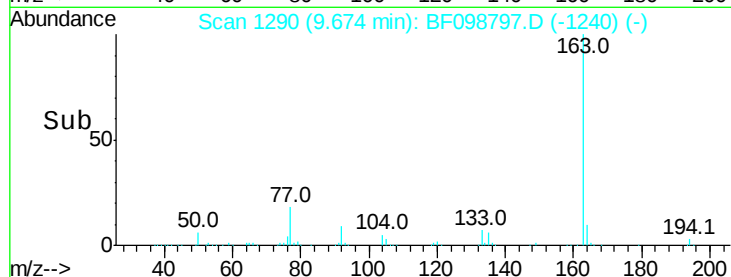
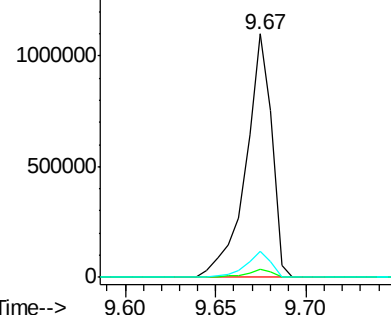
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.9	8.2	12.2

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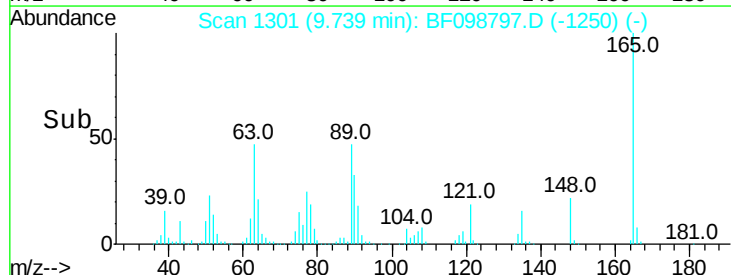
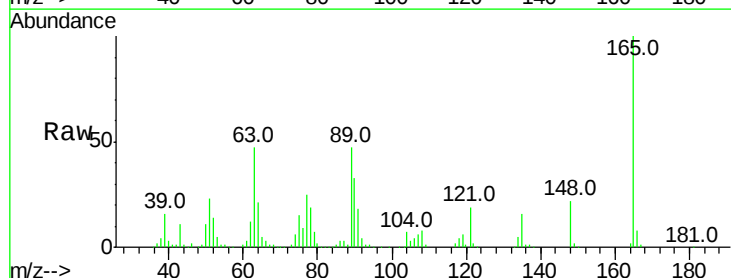
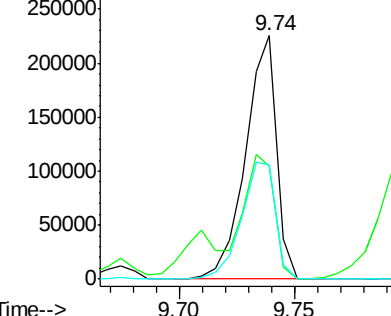
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

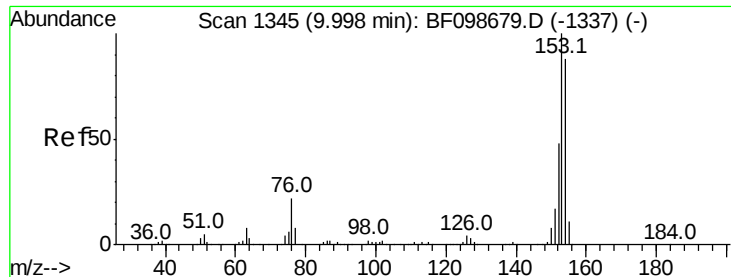


#50
2,6-Dinitrotoluene
Concen: 45.533 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.6	44.7	67.1
89	47.0	44.0	66.0

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.393 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF098797.D

Acq: 25 Sep 2017 22:01

Instrument :

BNA_F

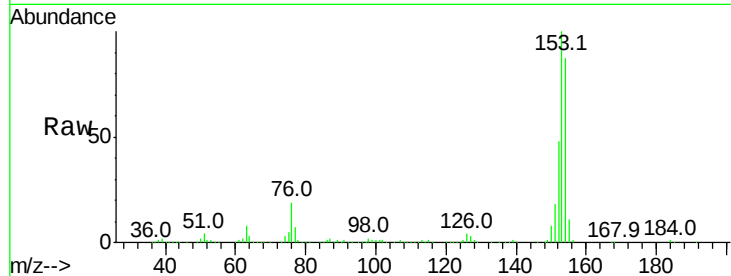
ClientSampleId :

FK-PS-01-016MSD

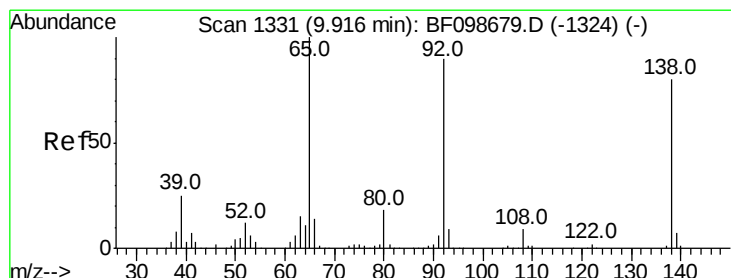
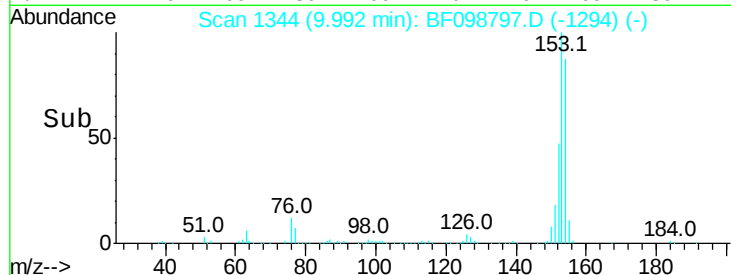
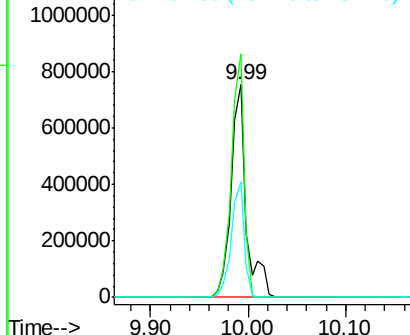
Tot Ion:	154	Resp:	819780
Ion Ratio	Lower	Upper	
154	100		
153	114.6	91.2	136.8
152	54.6	43.8	65.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.342 ng

RT: 9.90 min Scan# 1329

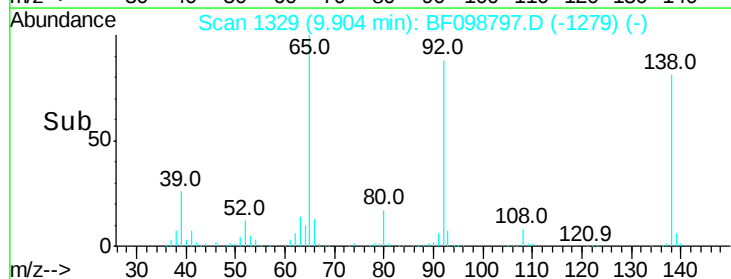
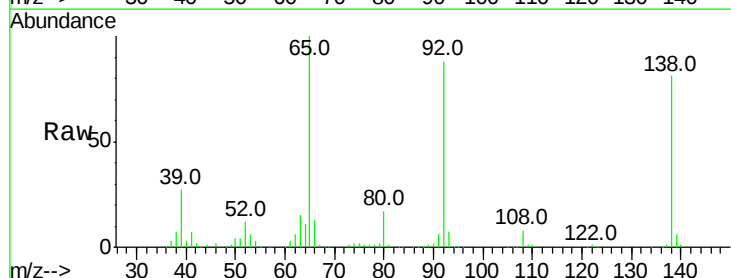
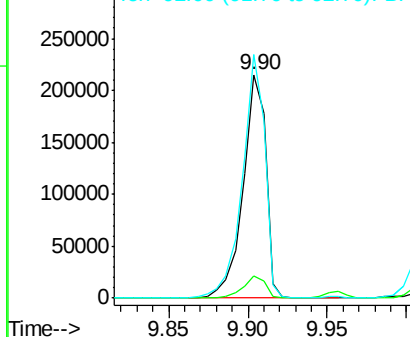
Delta R.T. -0.01 min

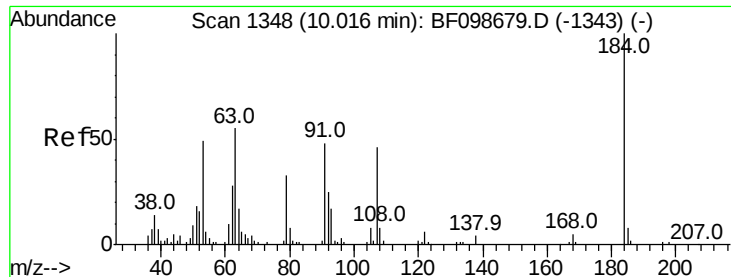
Lab File: BF098797.D

Acq: 25 Sep 2017 22:01

Tgt Ion:	138	Resp:	212854
Ion Ratio	Lower	Upper	
138	100		
108	9.7	9.4	14.0
92	109.0	89.4	134.2

Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





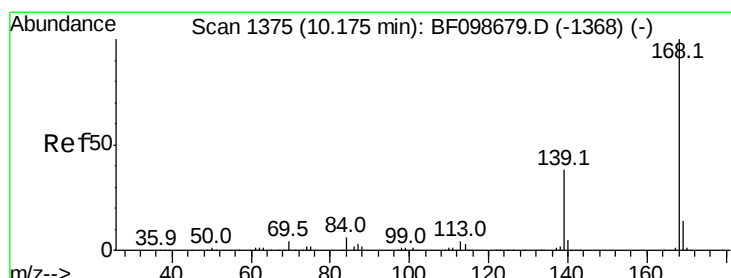
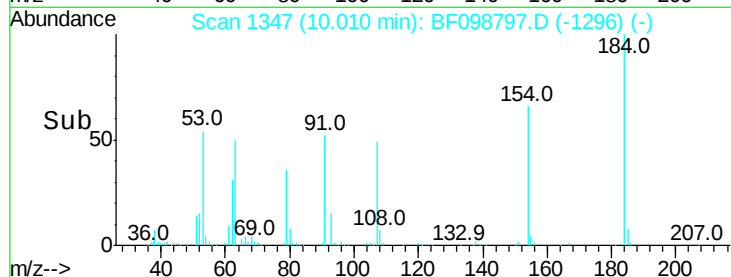
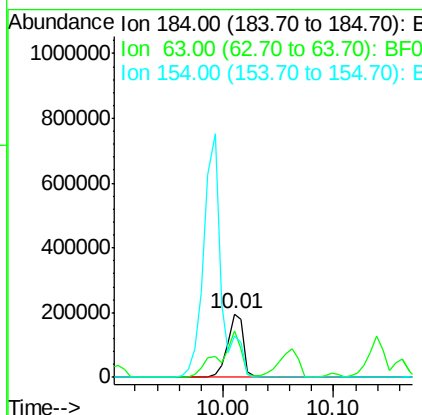
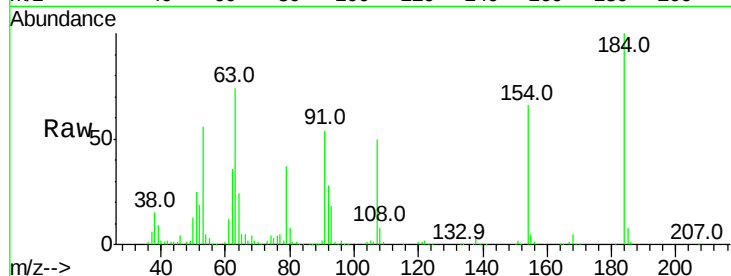
#53
2,4-Dinitrophenol
Concen: 81.398 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	196903		
63	73.7	54.2	81.2	
154	66.2	53.5	80.3	

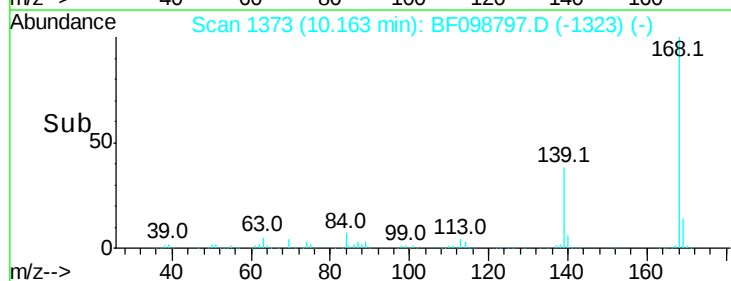
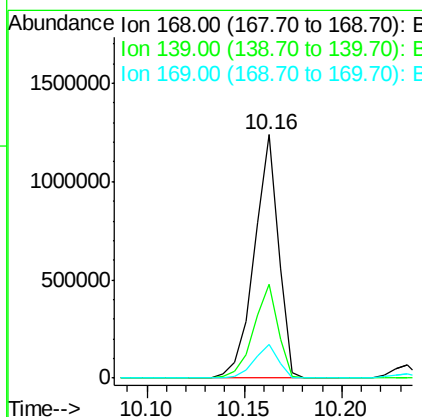
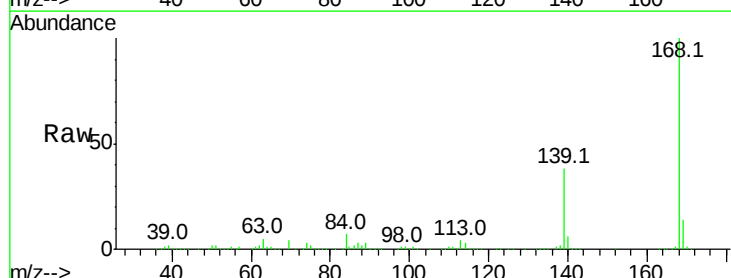
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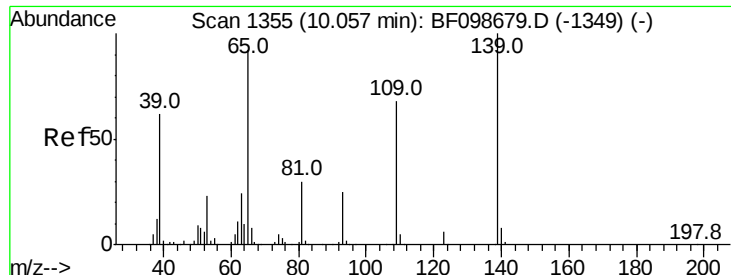
Sohil
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#54
Dibenzofuran
Concen: 45.122 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1061602		
139	38.4	30.1	45.1	
169	13.6	10.9	16.3	





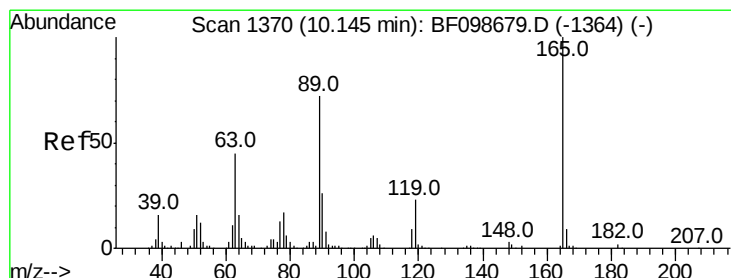
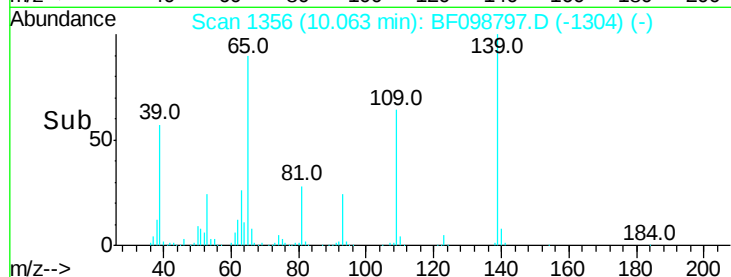
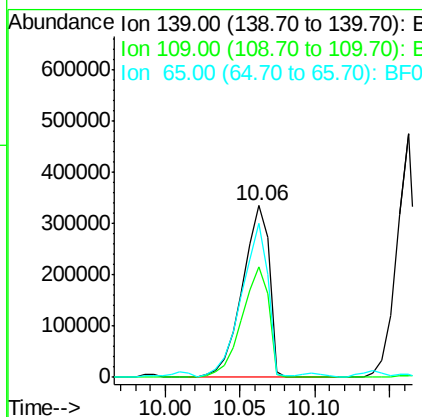
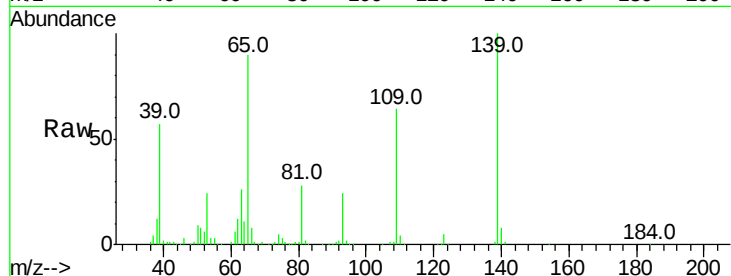
#55
4-Nitrophenol
Concen: 91.698 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	419500		
109	64.3	48.4	88.4	
65	90.1	72.6	112.6	

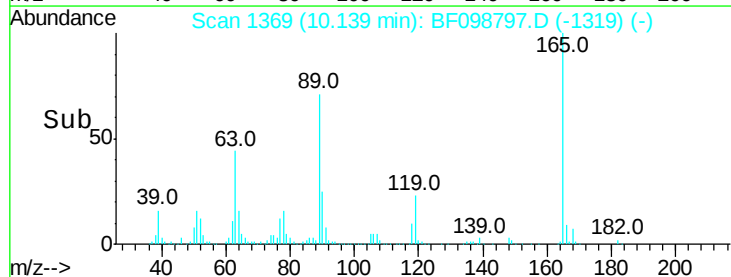
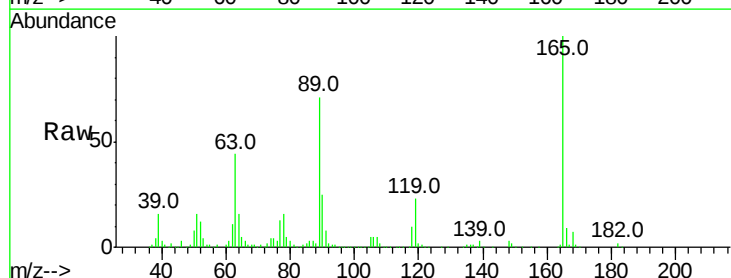
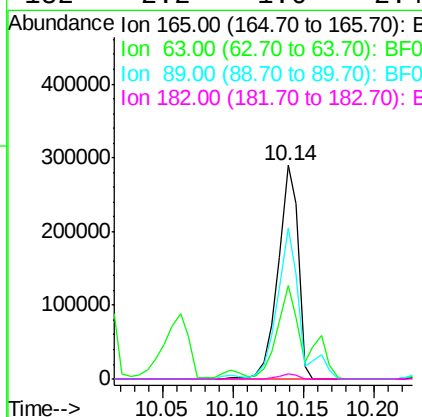
Manual Integrations
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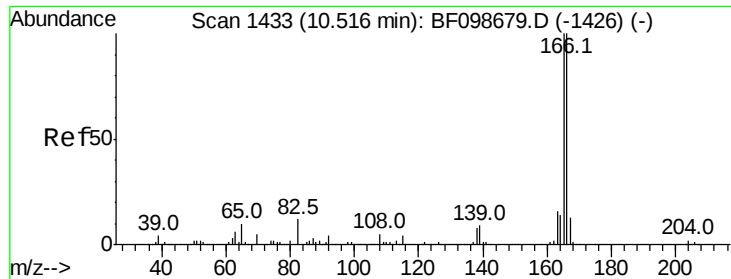
Sohil
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#56
2,4-Dinitrotoluene
Concen: 47.893 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	288411		
63	43.8	36.4	54.6	
89	70.7	57.8	86.6	
182	2.2	1.6	2.4	





#57

Fluorene

Concen: 43.176 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF098797.D

Acq: 25 Sep 2017 22:01

Instrument :

BNA_F

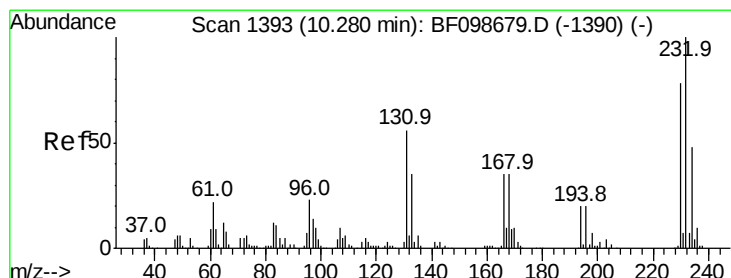
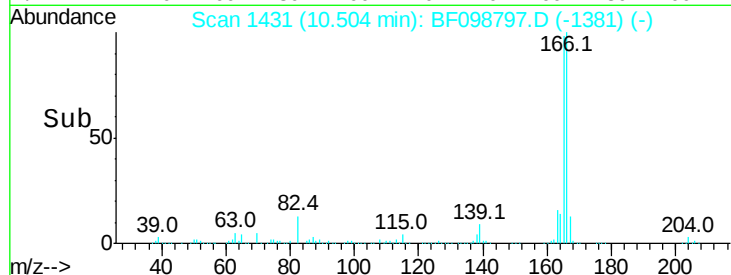
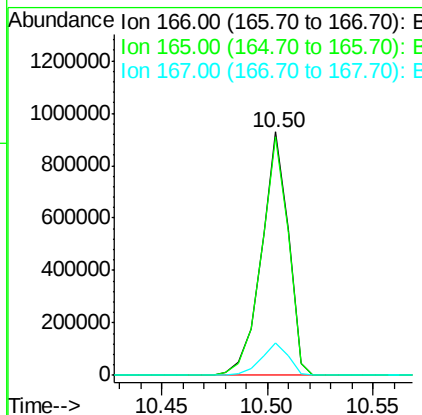
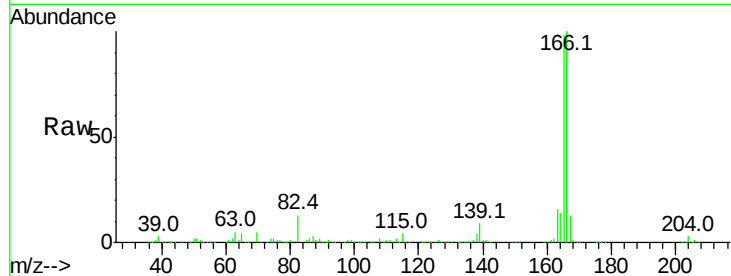
ClientSampleId :

FK-PS-01-016MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.9	79.8	119.8	
167	13.4	10.6	16.0	

Manual Integrations
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Sohil
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#58

2,3,4,6-Tetrachlorophenol

Concen: 49.583 ng

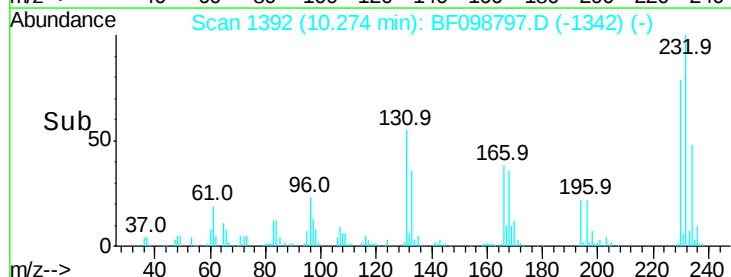
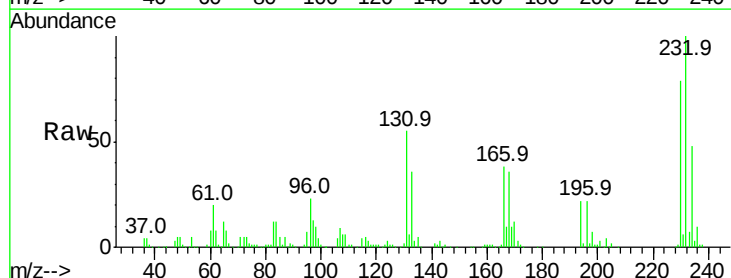
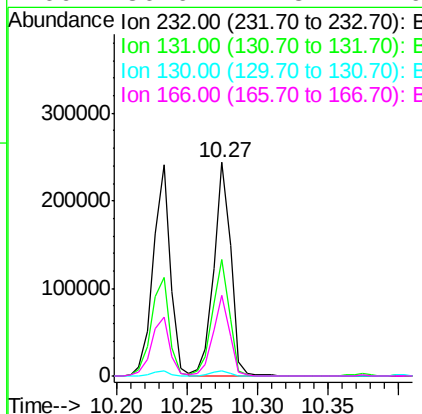
RT: 10.27 min Scan# 1392

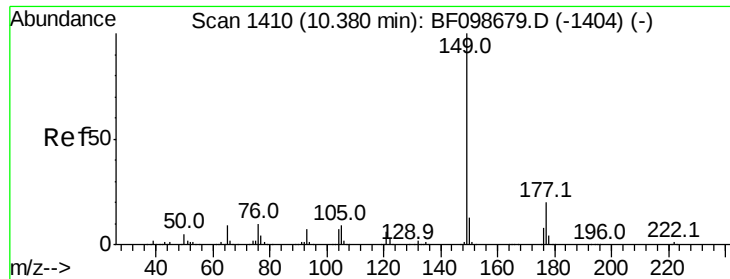
Delta R.T. -0.01 min

Lab File: BF098797.D

Acq: 25 Sep 2017 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	55.0	43.8	65.8	
130	2.6	2.1	3.1	
166	36.6	27.8	41.6	





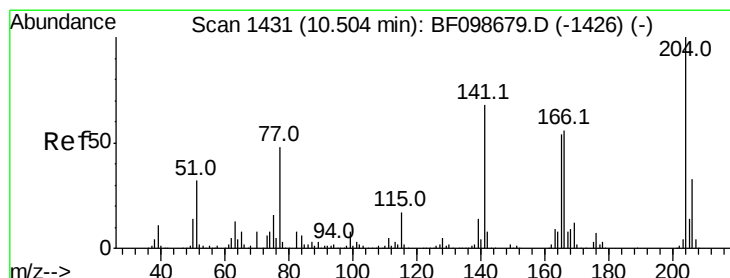
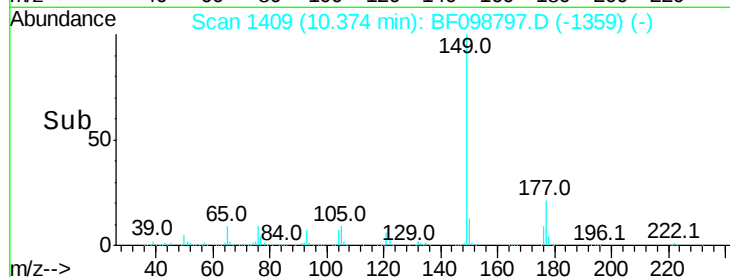
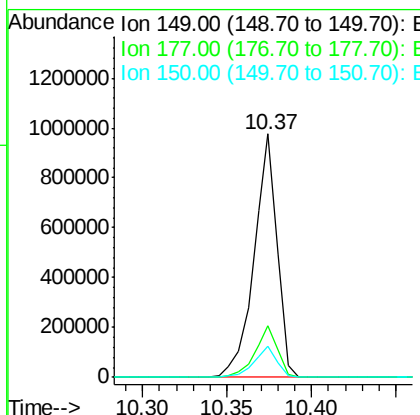
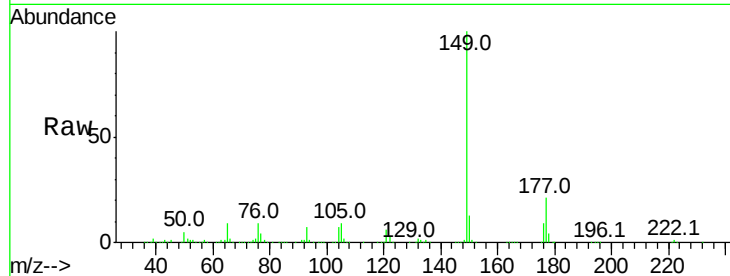
#59
Diethylphthalate
Concen: 44.416 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	925022		
177	21.2	16.1	24.1	
150	12.9	10.1	15.1	

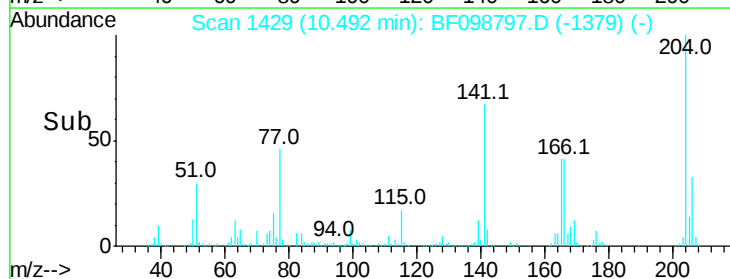
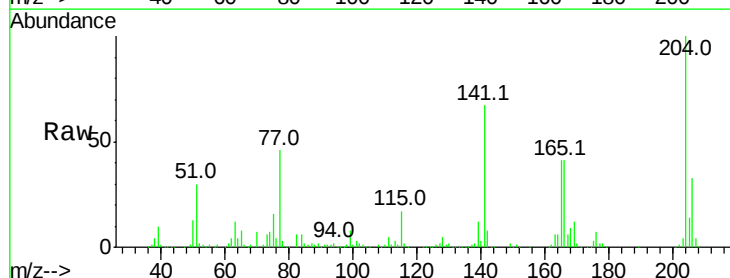
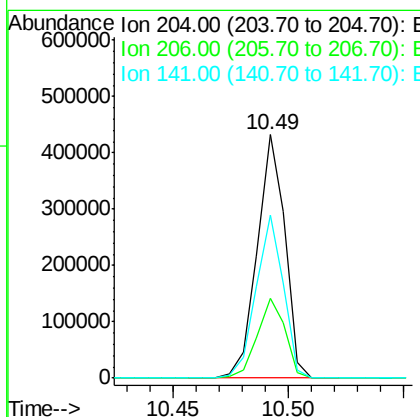
Manual Integrations
APPROVED

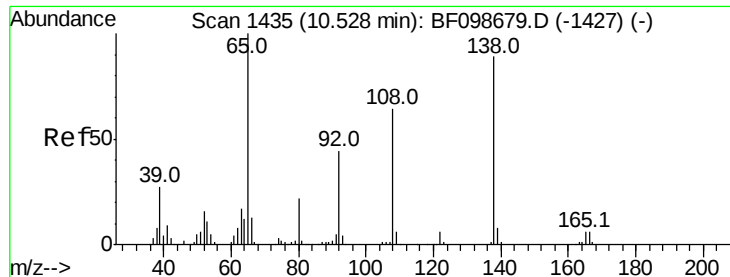
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 42.685 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	362586		
206	32.6	26.5	39.7	
141	66.8	54.6	81.8	





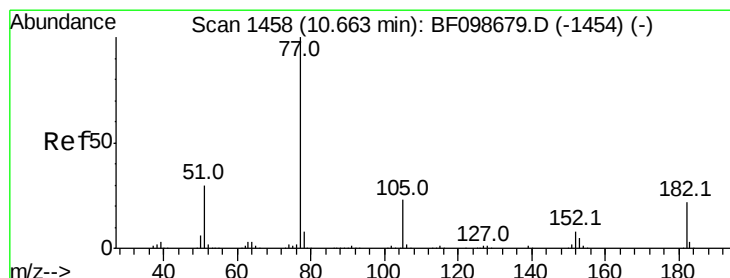
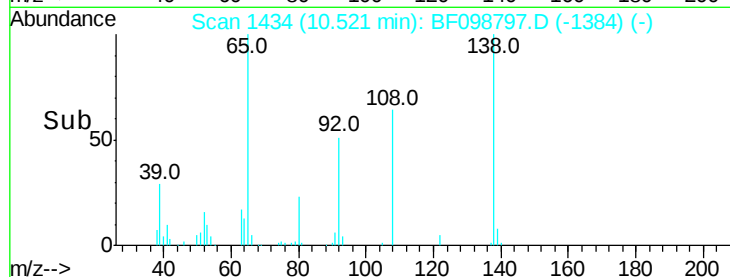
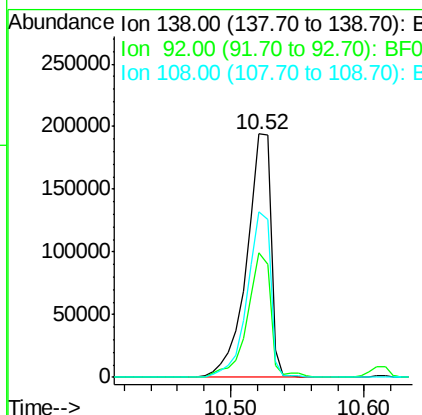
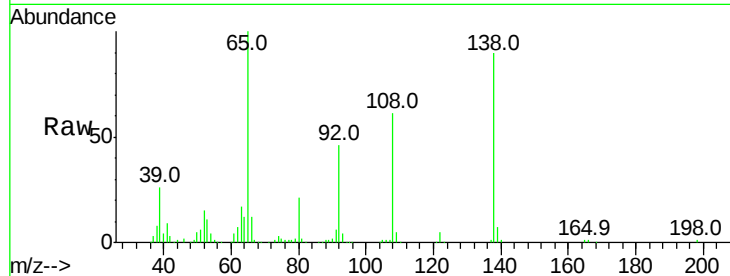
#61
4-Nitroaniline
Concen: 46.266 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.2	30.2	70.2
108	67.9	52.5	92.5

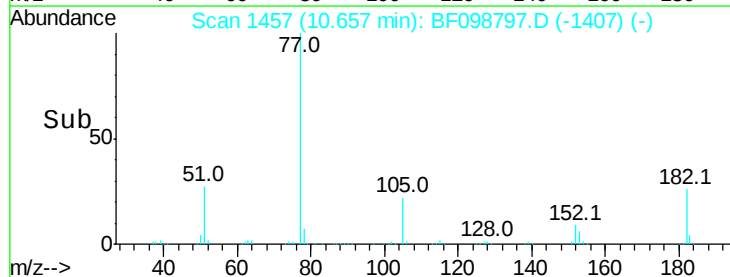
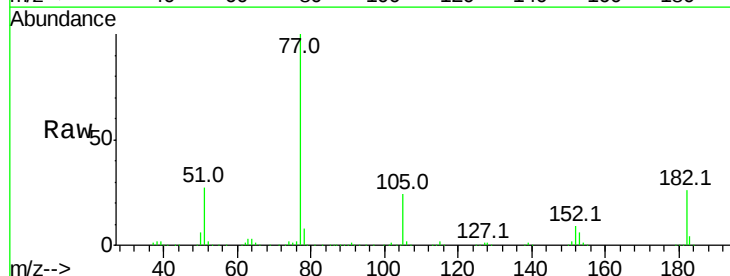
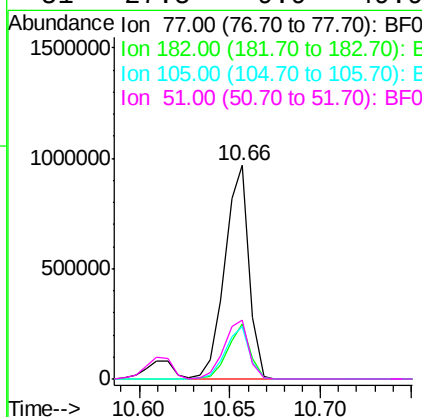
Manual Integrations
APPROVED

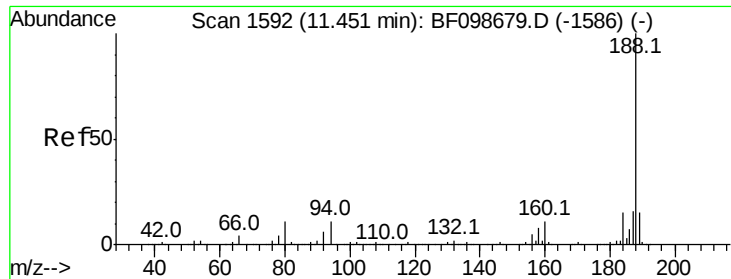
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#62
Azobenzene
Concen: 46.746 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.8	1.7	41.7
105	24.4	3.0	43.0
51	27.5	9.9	49.9





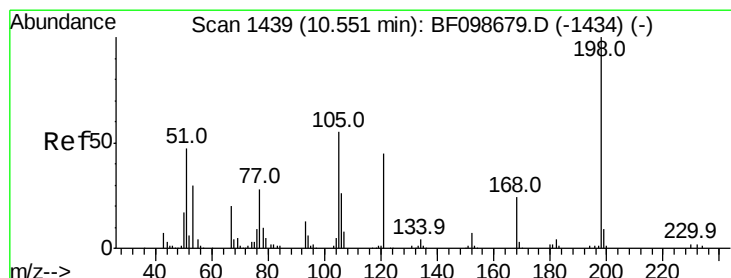
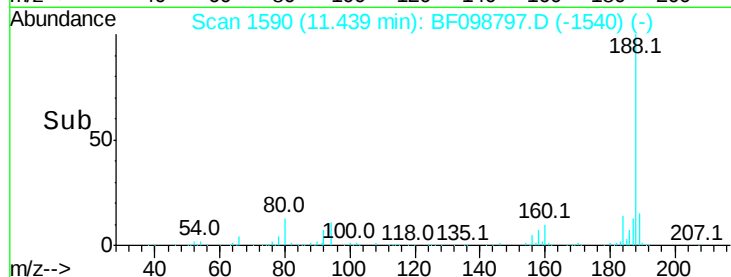
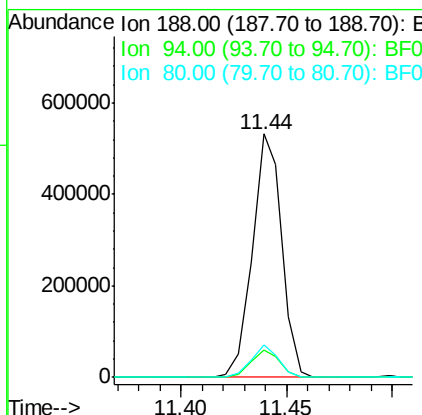
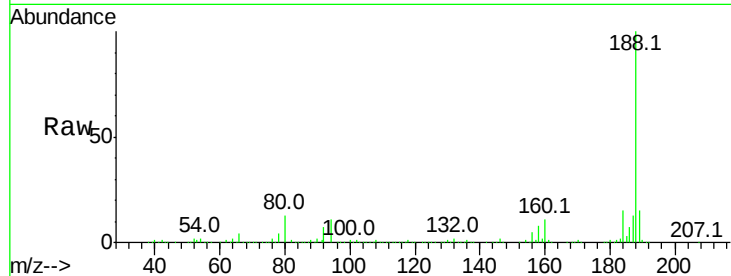
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	511842		
94	11.4		8.5	12.7
80	13.1		9.2	13.8

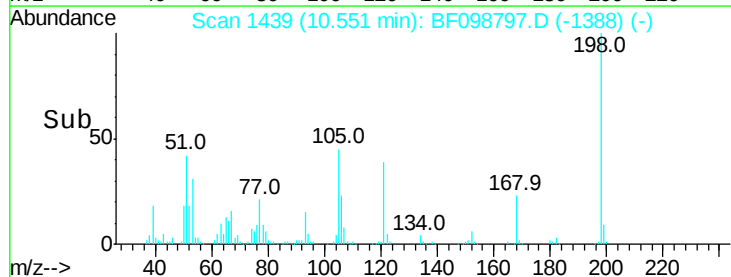
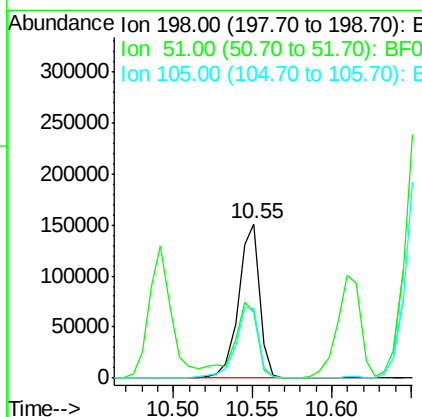
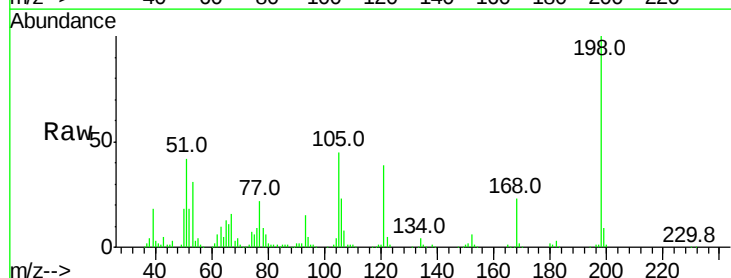
Manual Integrations
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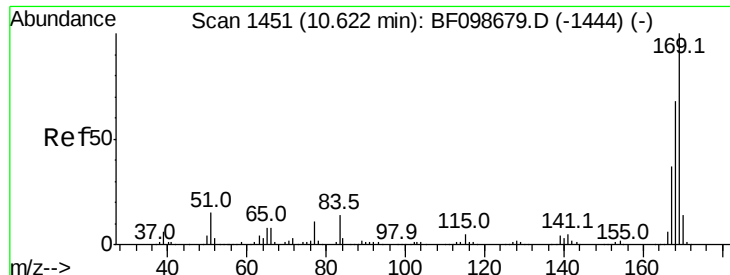
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.690 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	139173		
51	42.2		37.7	77.7
105	44.6		36.3	76.3





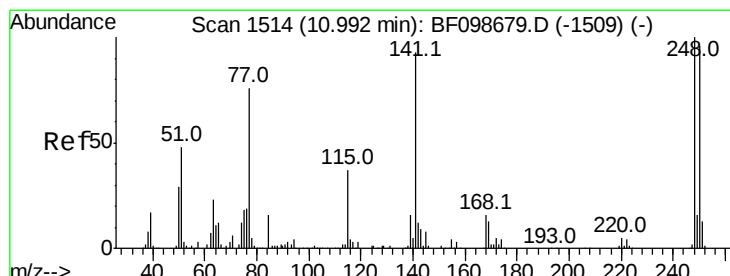
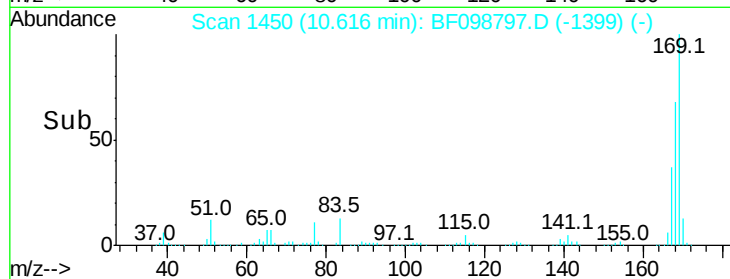
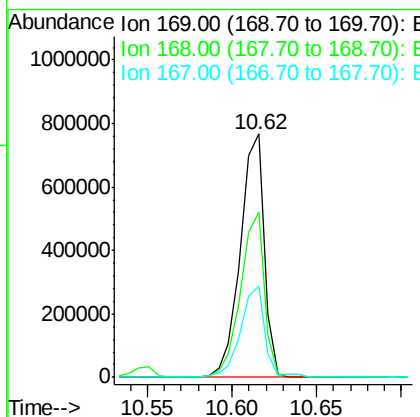
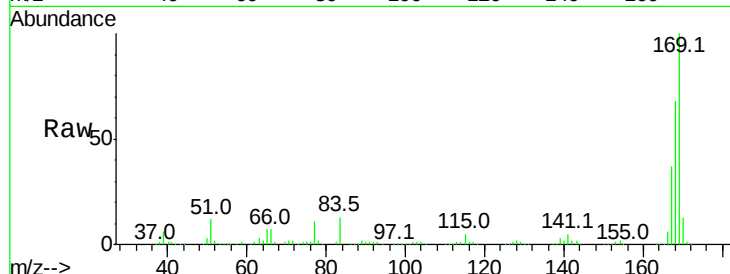
#65
n-Nitrosodiphenylamine
Concen: 42.815 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	759180		
168	68.1		54.4	81.6
167	37.5		29.8	44.6

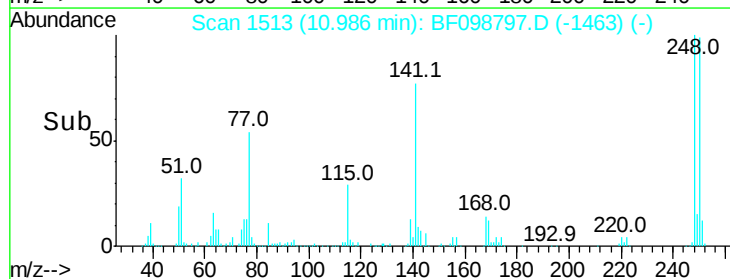
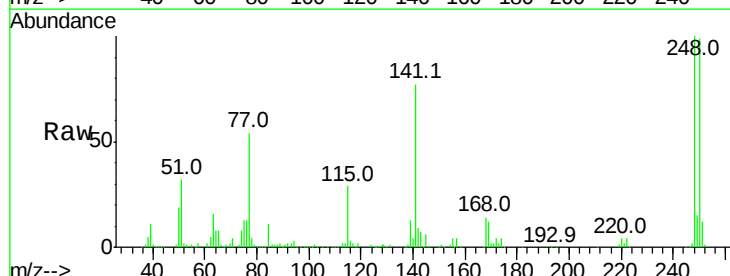
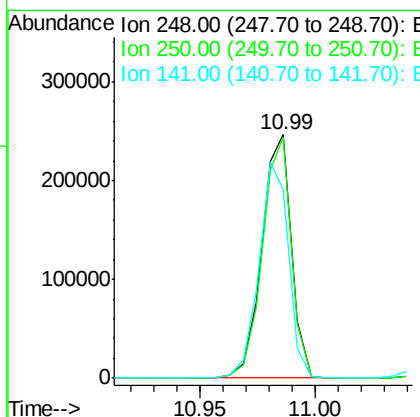
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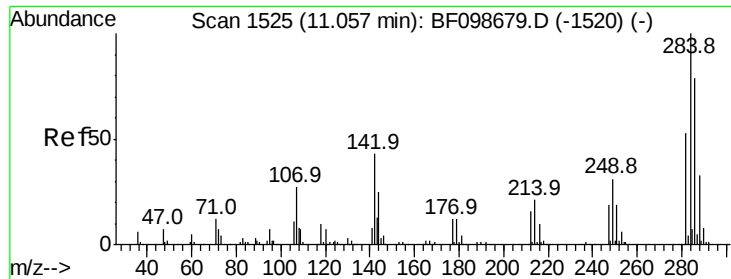
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 43.621 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	218544		
250	99.0		76.9	115.3
141	77.2		74.4	111.6





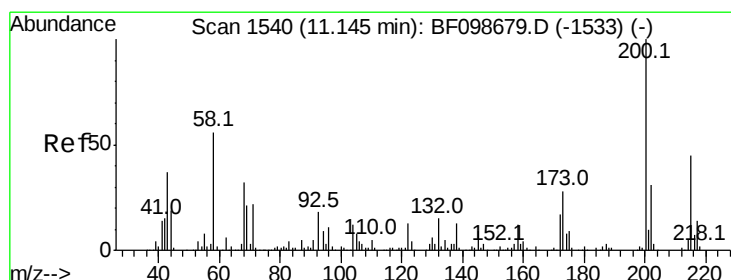
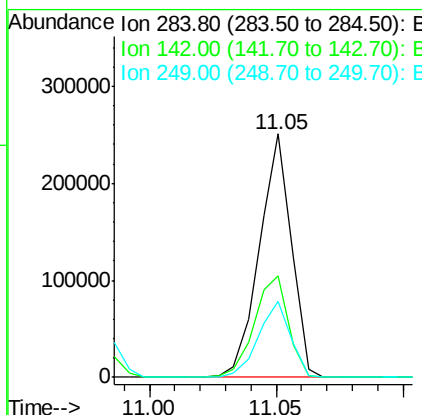
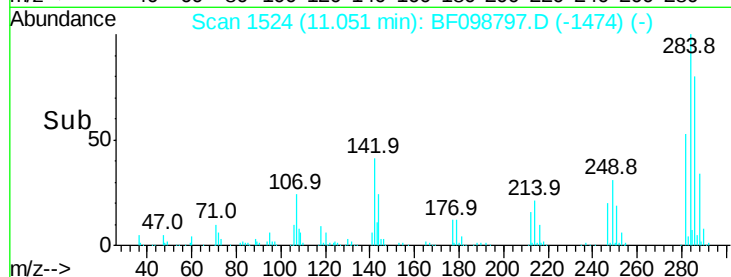
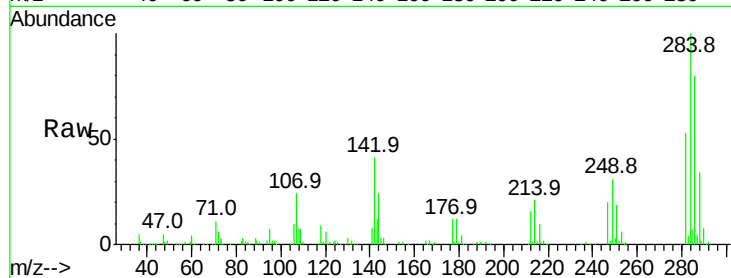
#67
Hexachlorobenzene
Concen: 41.017 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	219481		
142	41.5	34.6	52.0	
249	31.2	24.8	37.2	

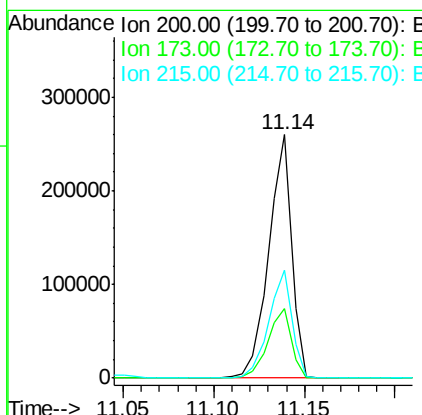
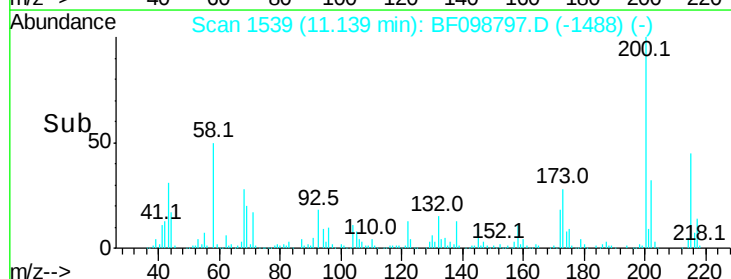
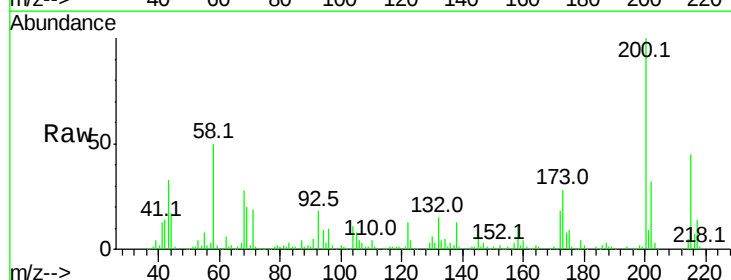
Manual Integrations
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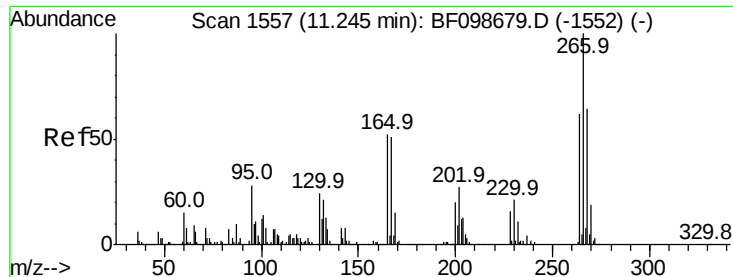
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#68
Atrazine
Concen: 42.808 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	228375		
173	28.5	8.6	48.6	
215	44.6	25.1	65.1	





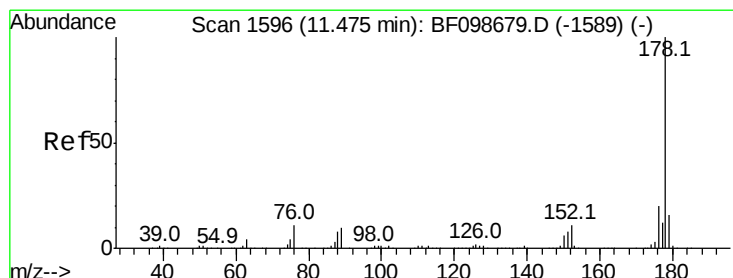
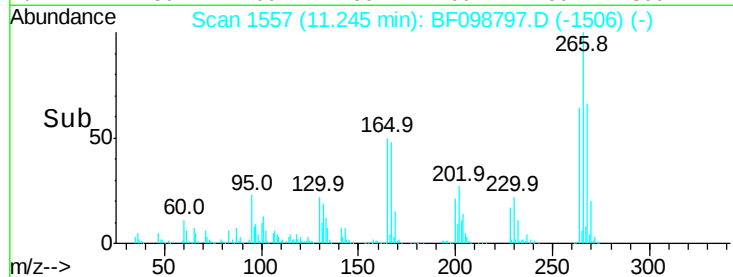
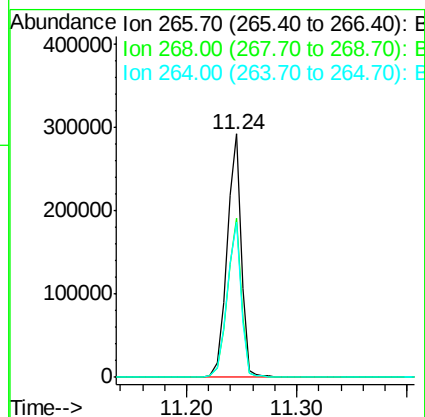
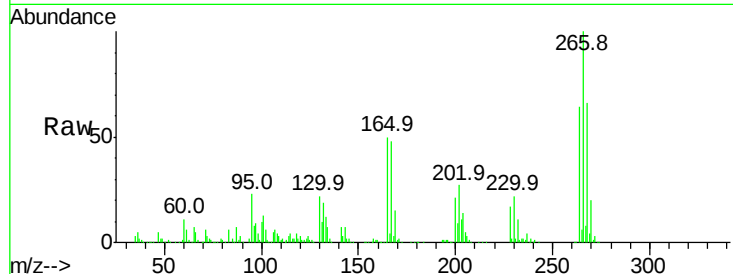
#69
 Pentachlorophenol
 Concen: 79.323 ng
 RT: 11.24 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: BF098797.D
 Acq: 25 Sep 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MSD

Tot Ion:	266	Resp:	264164
Ion Ratio		Lower	Upper
266	100		
268	65.5	51.1	76.7
264	63.7	49.5	74.3

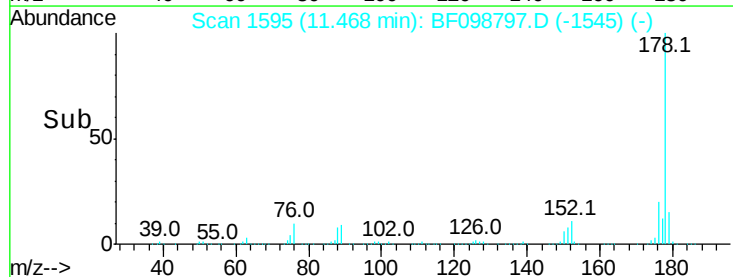
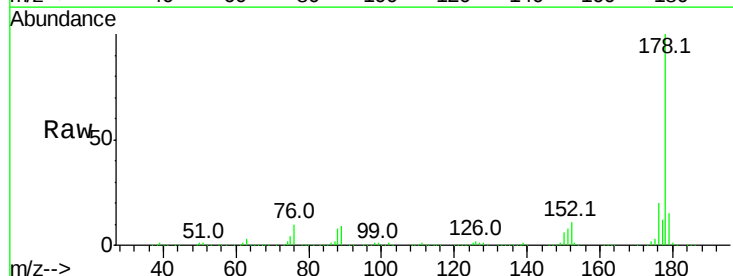
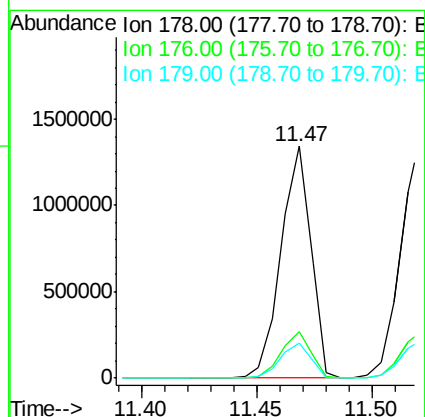
Manual Integrations
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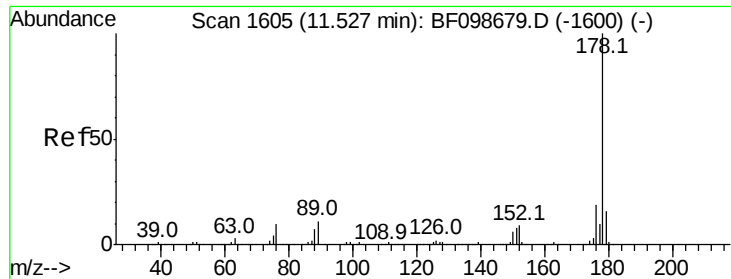
Sohil
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#70
 Phenanthrene
 Concen: 43.945 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF098797.D
 Acq: 25 Sep 2017 22:01

Tgt Ion:	178	Resp:	1203988
Ion Ratio		Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.3	13.0	19.6





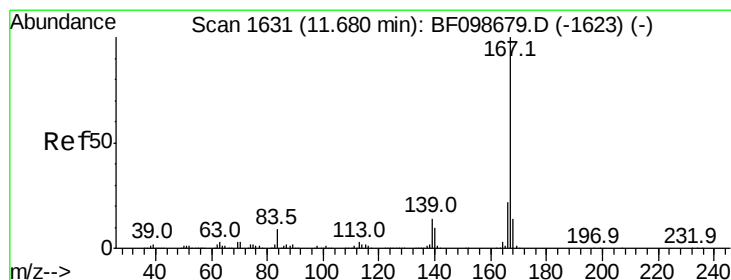
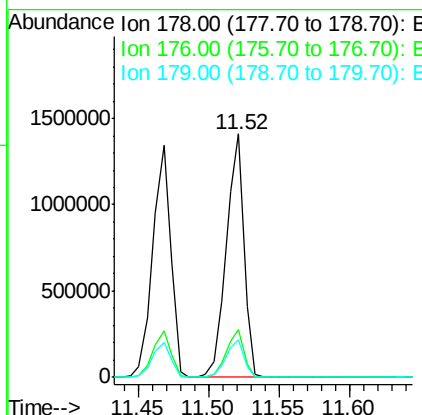
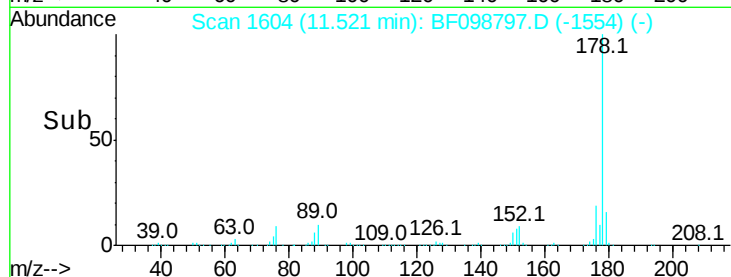
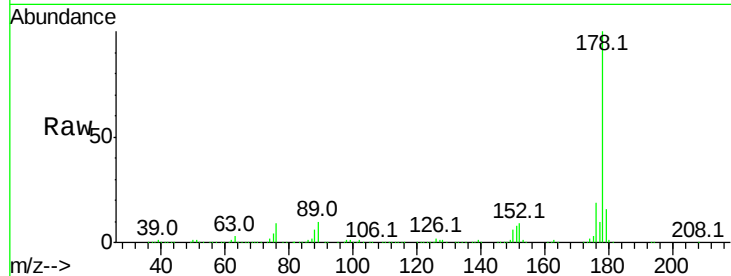
#71
 Anthracene
 Concen: 43.682 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF098797.D
 Acq: 25 Sep 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.5	12.6	19.0

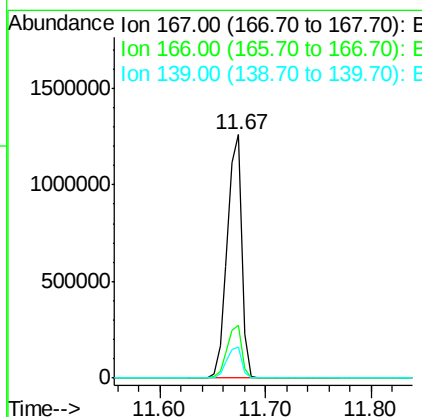
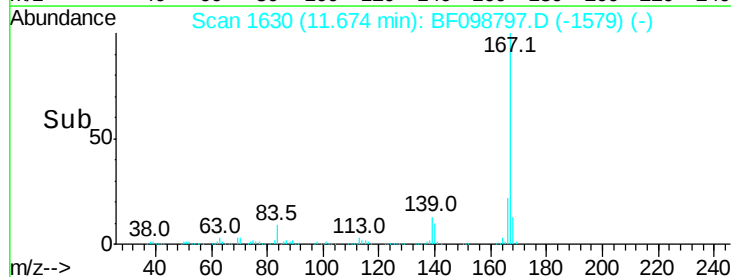
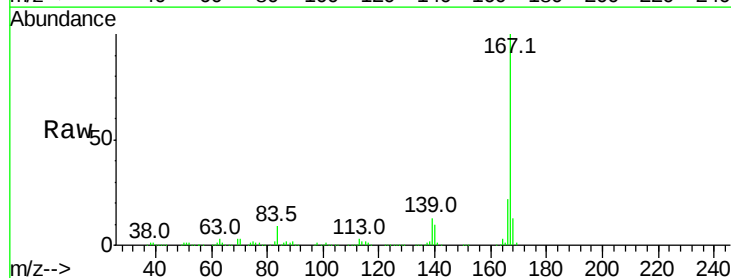
Manual Integrations
 APPROVED

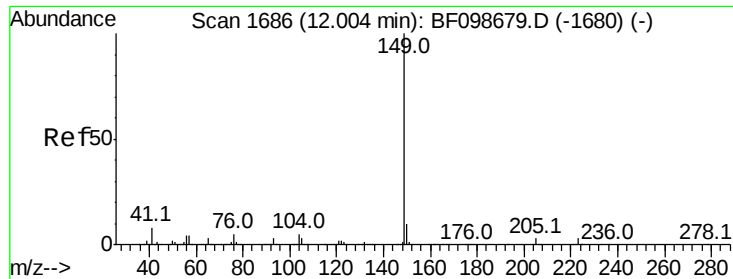
Sohil
 9/26/2017 4:58:38 PM



#72
 Carbazole
 Concen: 43.658 ng
 RT: 11.67 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BF098797.D
 Acq: 25 Sep 2017 22:01

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	13.0	10.9	16.3





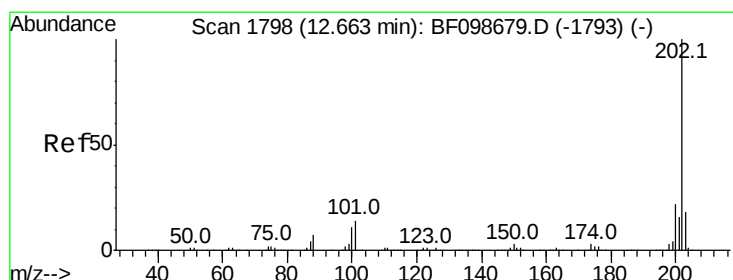
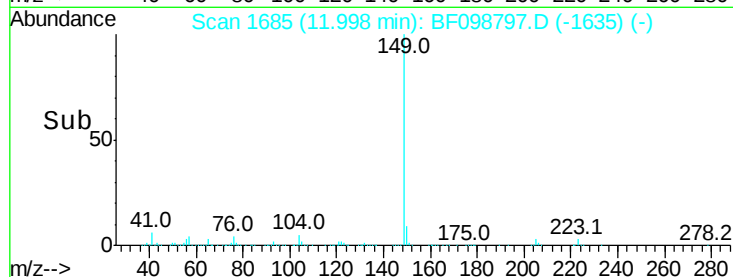
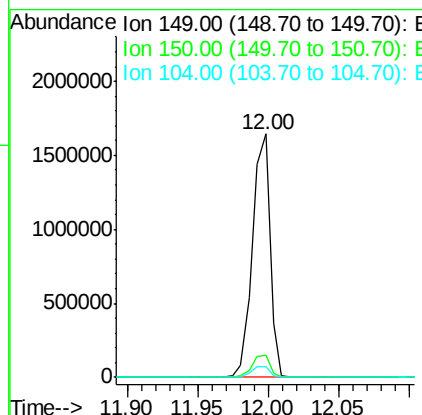
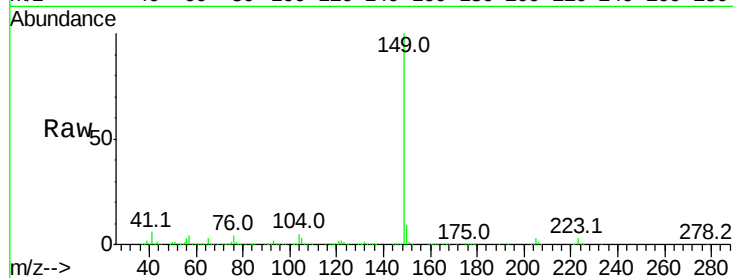
#73
Di-n-butylphthalate
Concen: 43.690 ng
RT: 12.00 min Scan# 1685
Delta R.T. -0.01 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	4.6	3.8	5.8

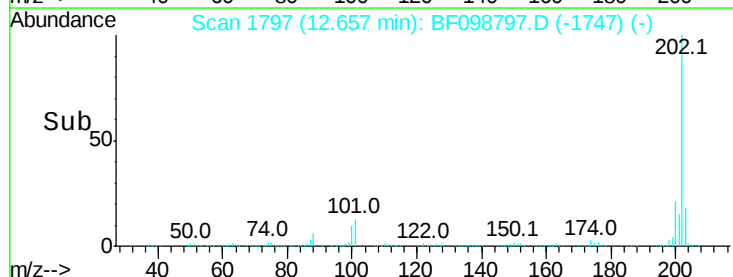
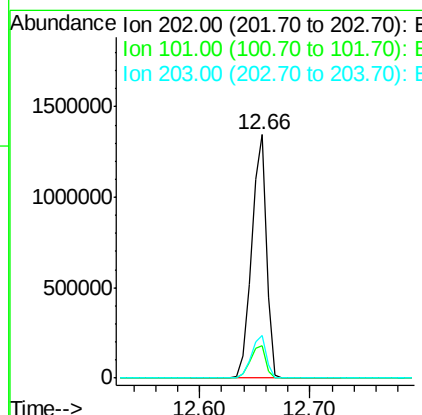
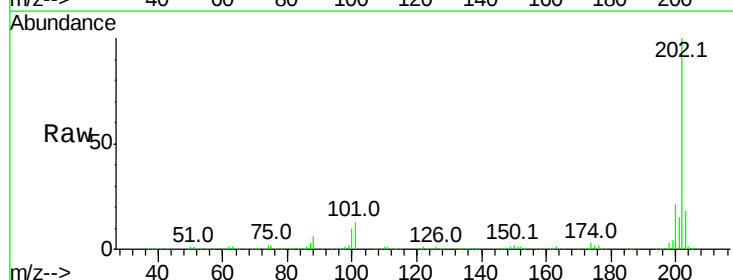
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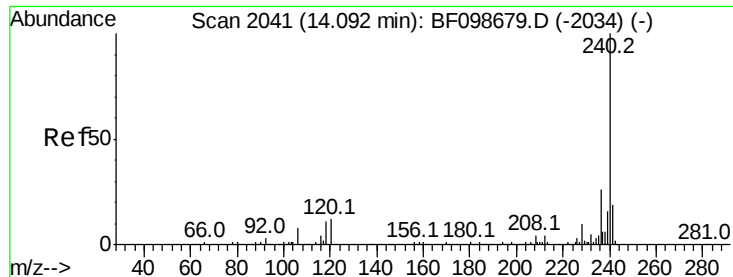
Sohil
9/26/2017 4:58:38 PM



#74
Fluoranthene
Concen: 45.628 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	34.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098797.D

Acq: 25 Sep 2017 22:01

Instrument :

BNA_F

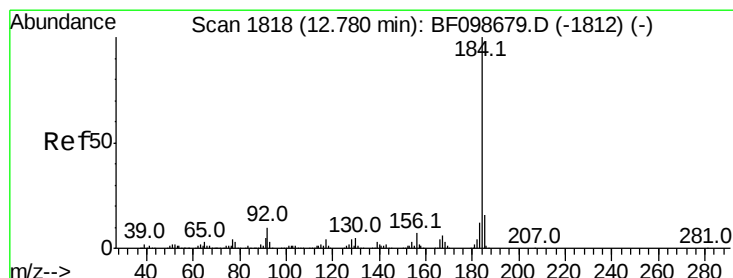
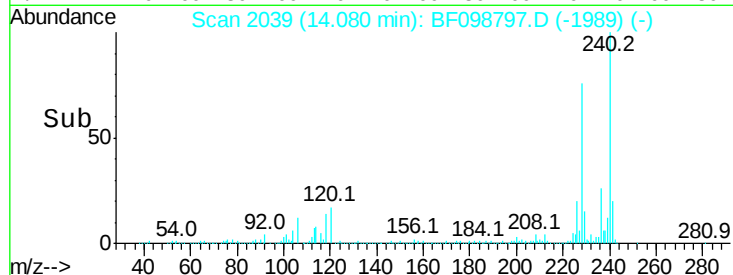
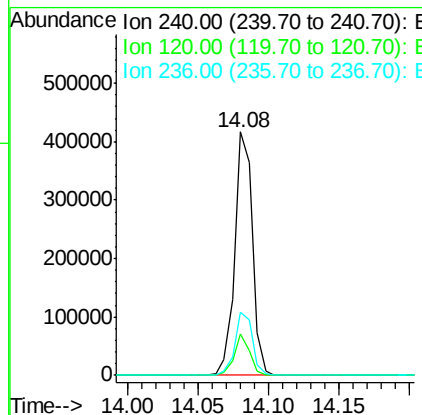
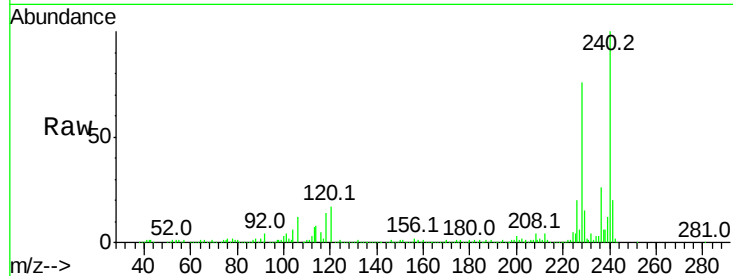
ClientSampleId :

FK-PS-01-016MSD

Tot Ion:	240	Resp:	363740
Ion Ratio	Lower	Upper	
240	100		
120	16.8	9.5	14.3#
236	26.0	20.7	31.1

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#76

Benzidine

Concen: 46.252 ng

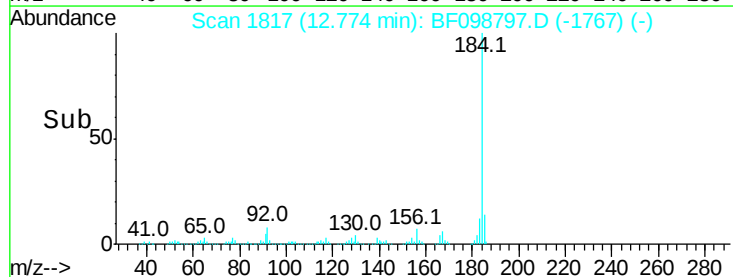
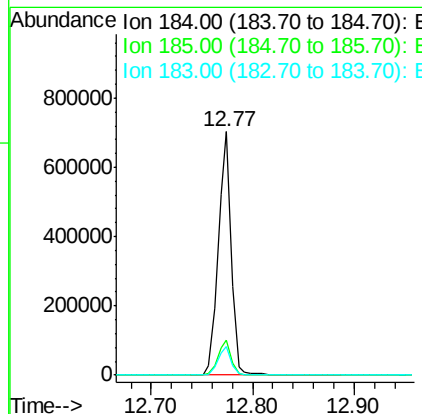
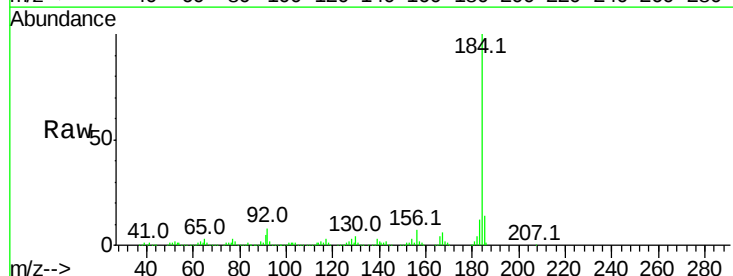
RT: 12.77 min Scan# 1817

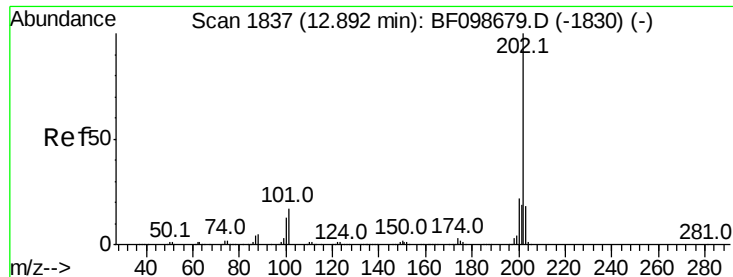
Delta R.T. -0.01 min

Lab File: BF098797.D

Acq: 25 Sep 2017 22:01

Tgt Ion:	184	Resp:	622253
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.6	18.8
183	11.8	9.3	13.9





#77

Pvrene

Concen: 46.738 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF098797.D

Acq: 25 Sep 2017 22:01

Instrument :

BNA_F

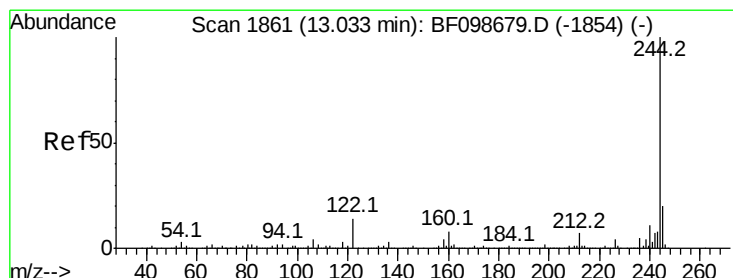
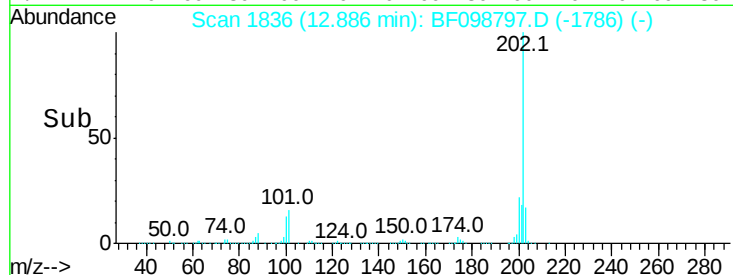
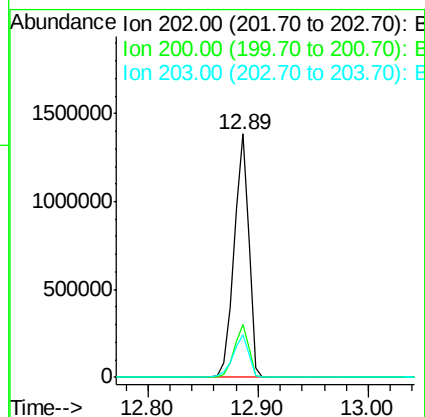
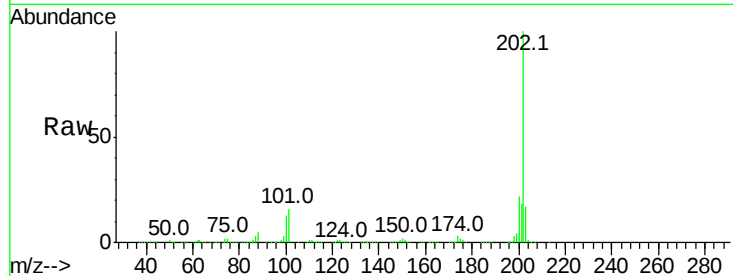
ClientSampleId :

FK-PS-01-016MSD

Tot Ion:	202	Resp:	1296343
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.4	26.2
203	17.3	14.3	21.5

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#78

Terphenyl-d14

Concen: 85.257 ng

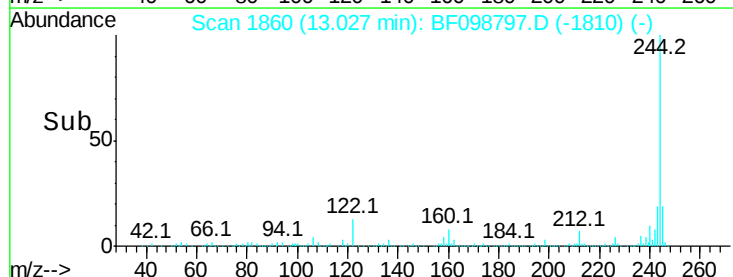
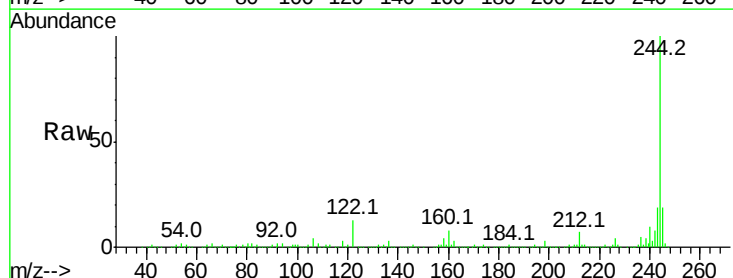
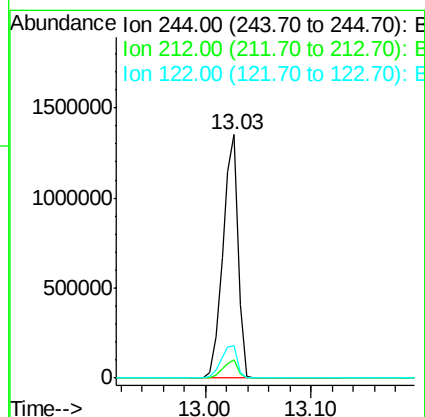
RT: 13.03 min Scan# 1860

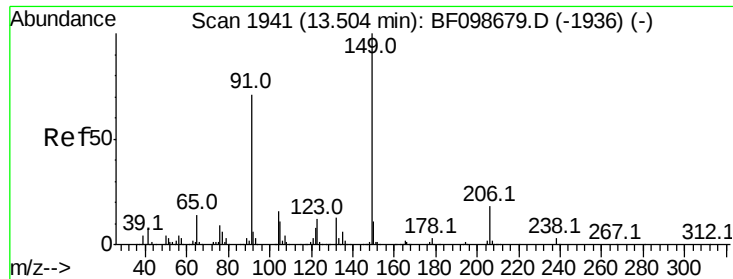
Delta R.T. -0.01 min

Lab File: BF098797.D

Acq: 25 Sep 2017 22:01

Tgt Ion:	244	Resp:	1363618
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.4	8.0
122	13.2	11.0	16.4





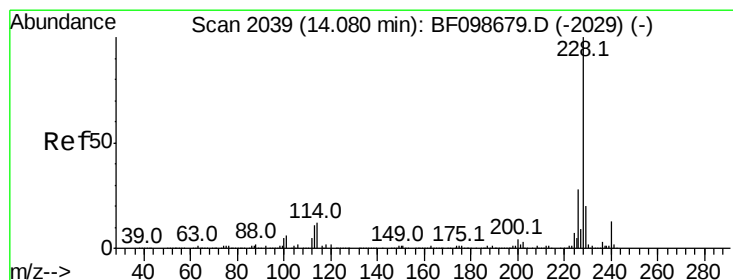
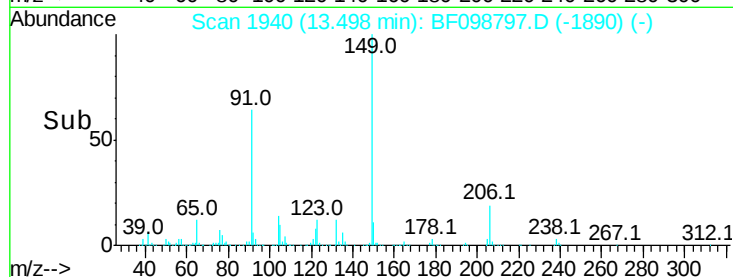
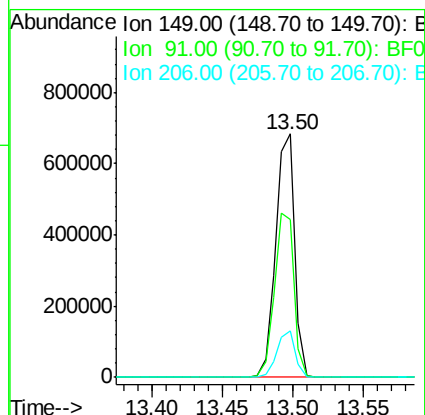
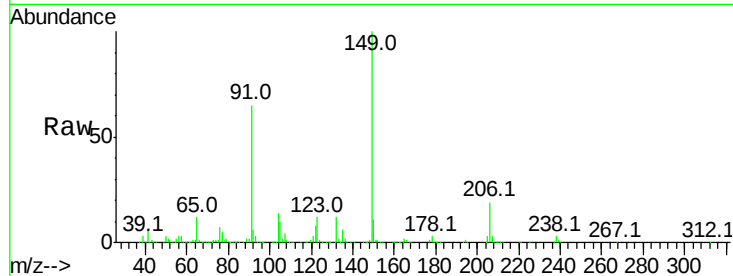
#79
Butylbenzylphthalate
Concen: 49.311 ng
RT: 13.50 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	642788		
91	64.6	56.8	85.2	
206	19.2	14.1	21.1	

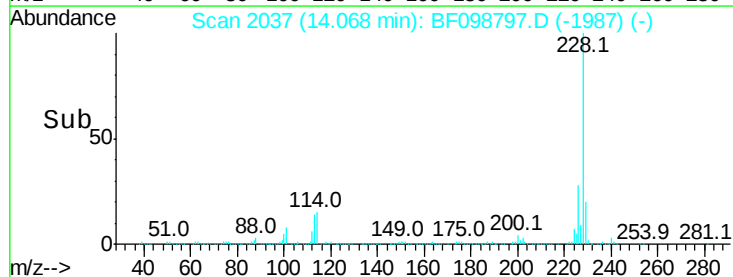
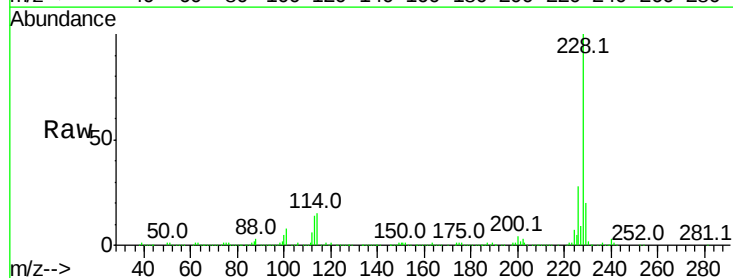
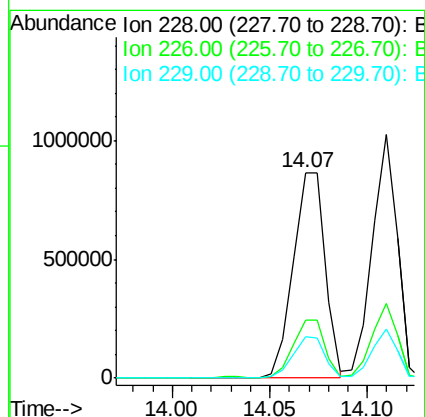
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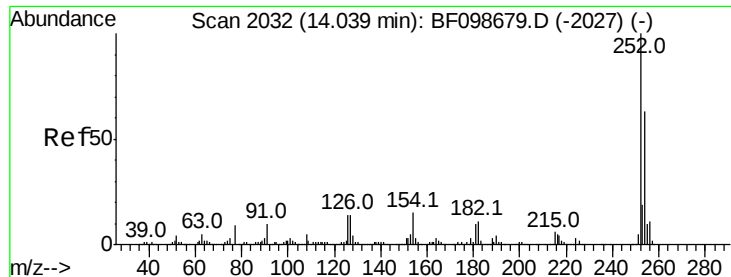
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#80
Benzo(a)anthracene
Concen: 44.589 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	982083		
226	28.2	22.6	33.8	
229	20.0	15.8	23.6	





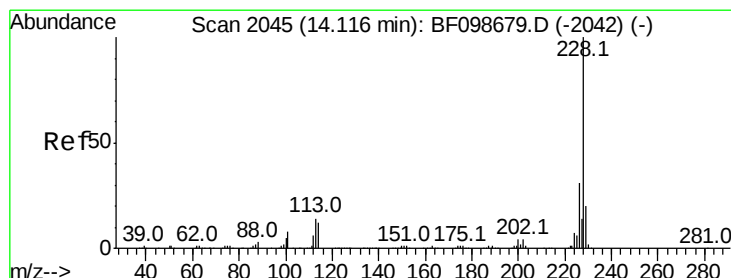
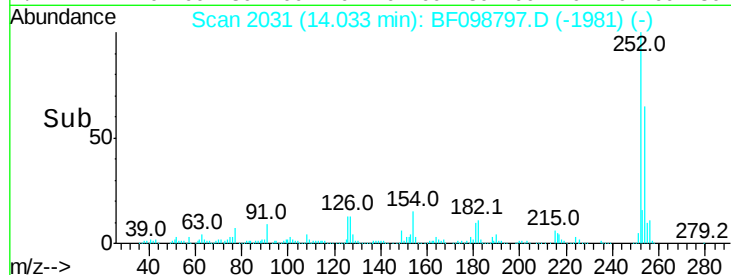
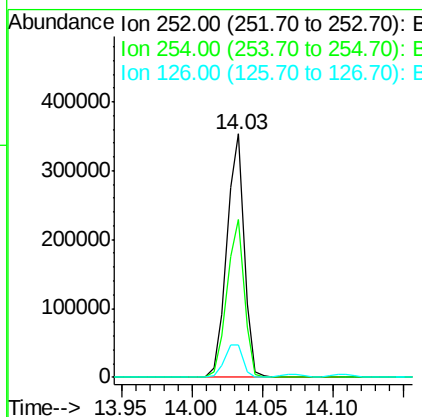
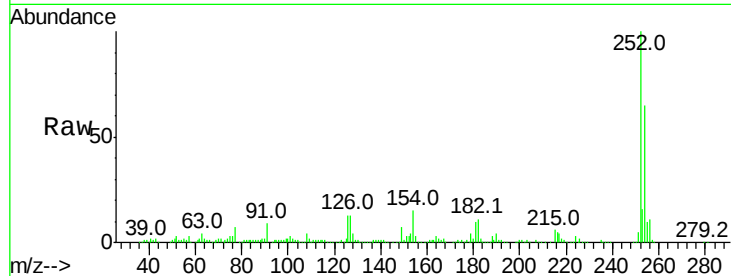
#81
 3,3'-Dichlorobenzidine
 Concen: 37.326 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF098797.D
 Acq: 25 Sep 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	301379		
254	64.6	50.4	75.6	
126	13.2	11.3	16.9	

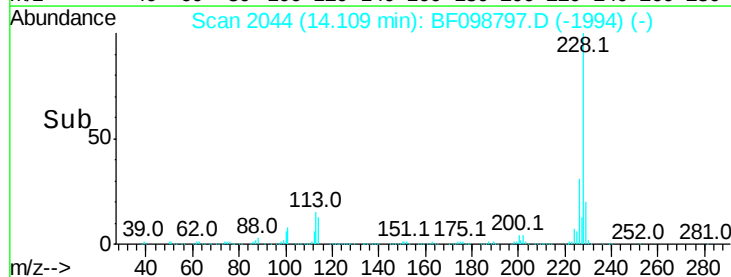
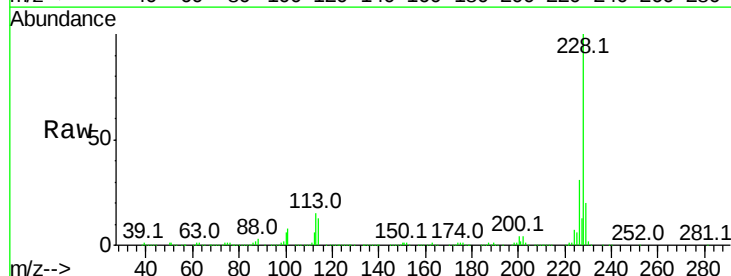
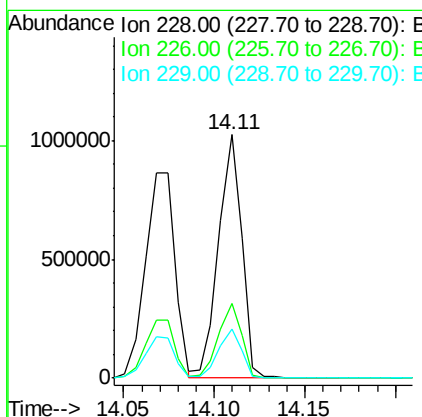
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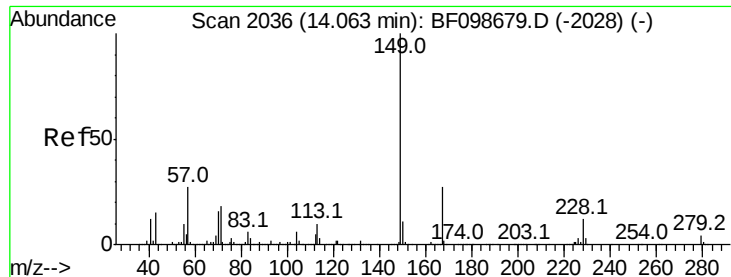
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#82
 Chrysene
 Concen: 43.598 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF098797.D
 Acq: 25 Sep 2017 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	914212		
226	30.8	25.0	37.6	
229	20.1	16.2	24.4	





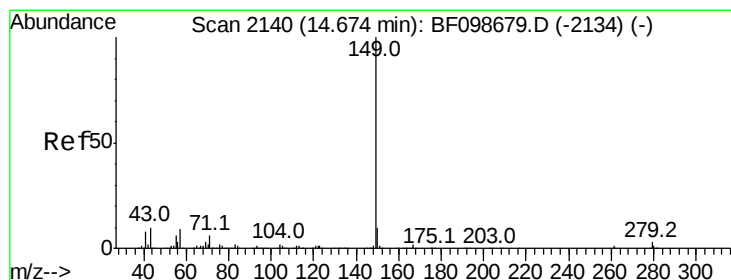
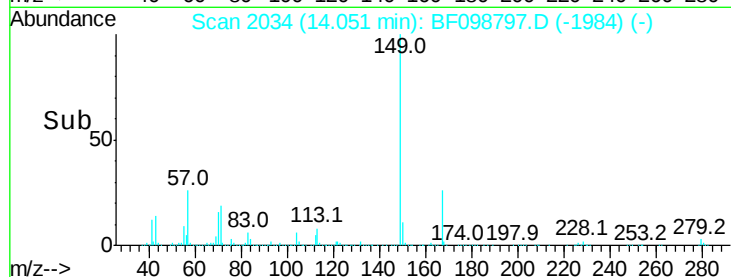
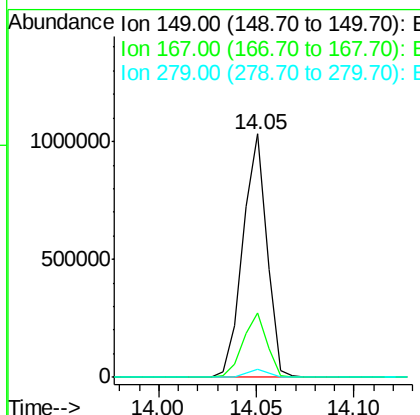
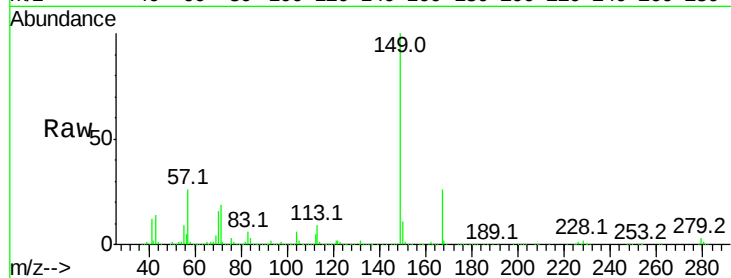
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.977 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF098797.D
 Acq: 25 Sep 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	3.2	3.0	4.4

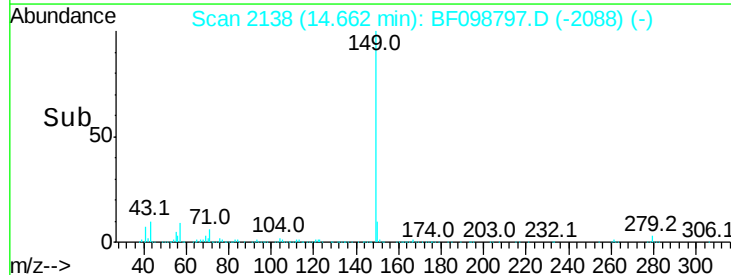
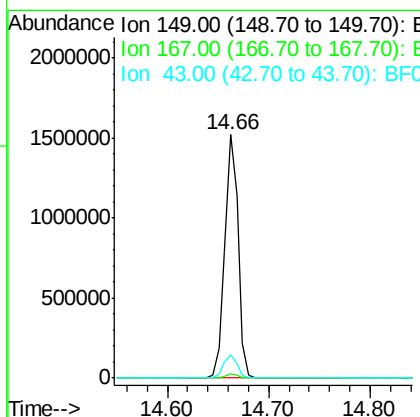
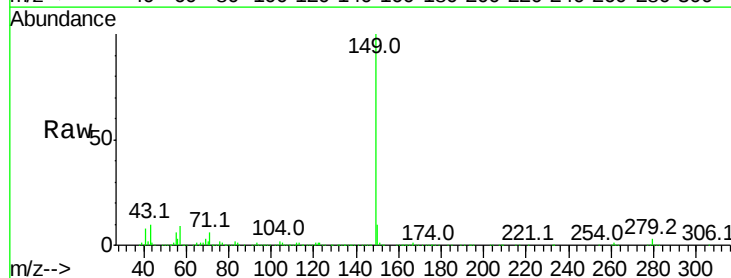
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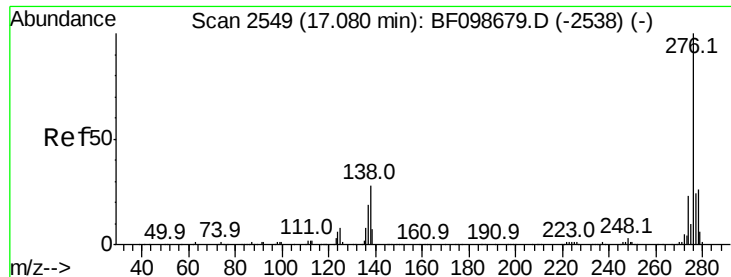
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 47.661 ng
 RT: 14.66 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BF098797.D
 Acq: 25 Sep 2017 22:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.4	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.134 ng

RT: 17.07 min Scan# 2548

Delta R.T. -0.01 min

Lab File: BF098797.D

Acq: 25 Sep 2017 22:01

Instrument :

BNA_F

ClientSampleId :

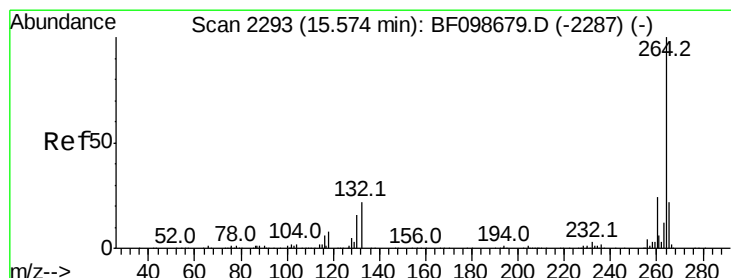
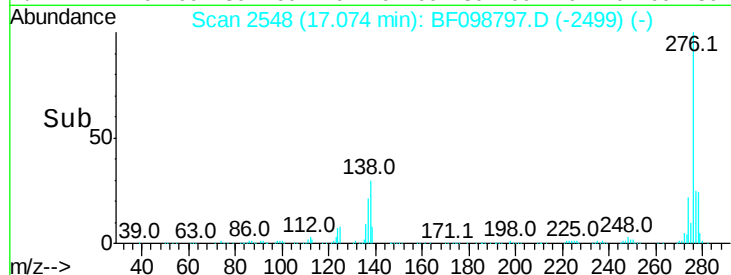
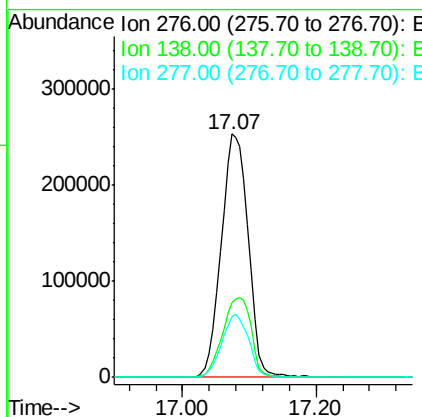
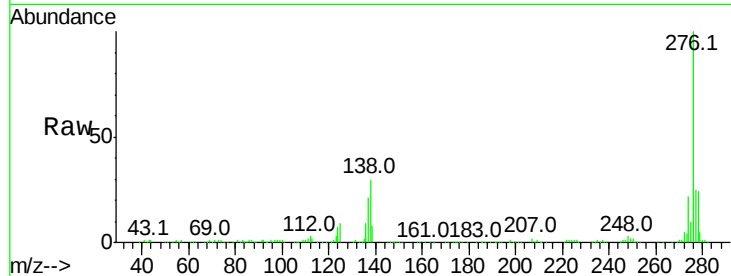
FK-PS-01-016MSD

Tot Ion:	276	Resp:	723534
Ion Ratio	Lower	Upper	
276	100		
138	34.8	25.0	37.6
277	25.5	20.1	30.1

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#86

Perylene-d12

Concen: 20.000 ng

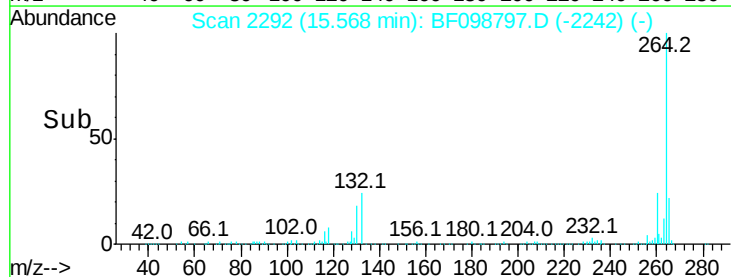
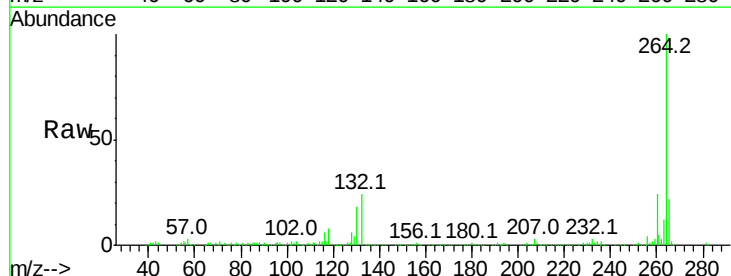
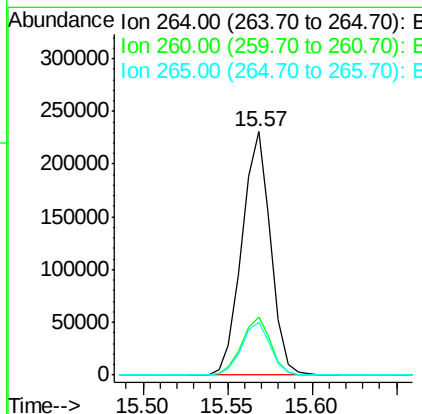
RT: 15.57 min Scan# 2292

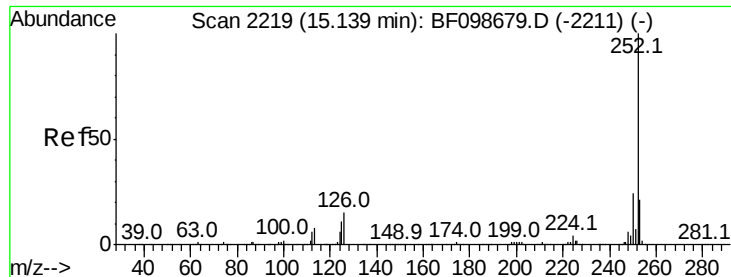
Delta R.T. -0.01 min

Lab File: BF098797.D

Acq: 25 Sep 2017 22:01

Tgt Ion:	264	Resp:	272960
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.2	28.8
265	22.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 45.887 ng

RT: 15.13 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BF098797.D

Acq: 25 Sep 2017 22:01

Instrument :

BNA_F

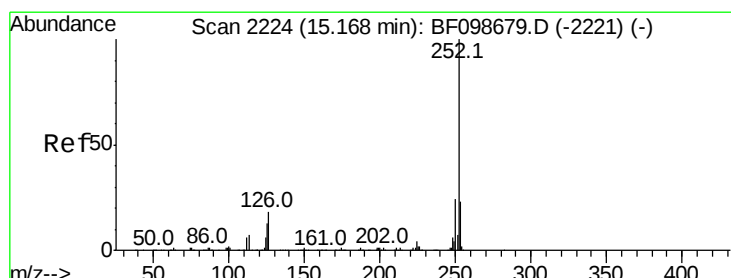
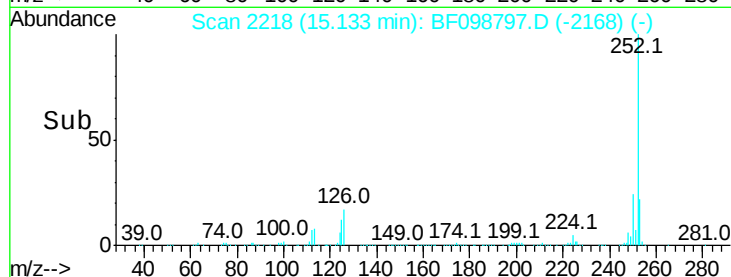
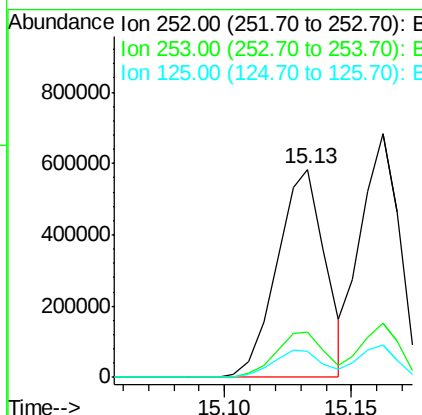
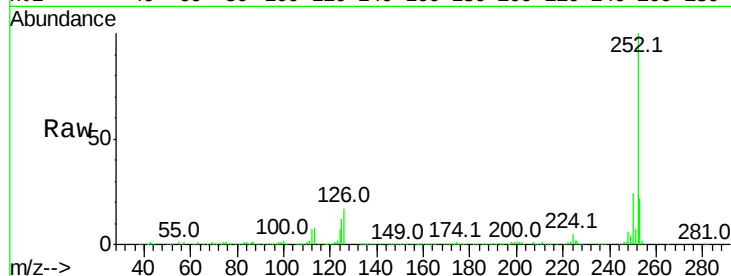
ClientSampleId :

FK-PS-01-016MSD

Tot Ion:	252	Resp:	770106
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.0	25.6
125	12.5	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 43.827 ng

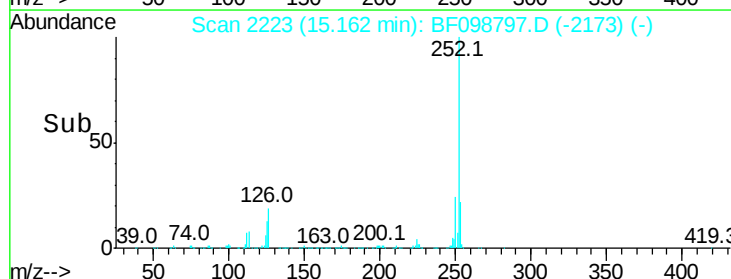
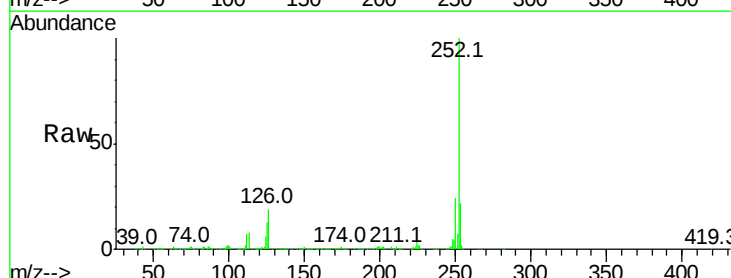
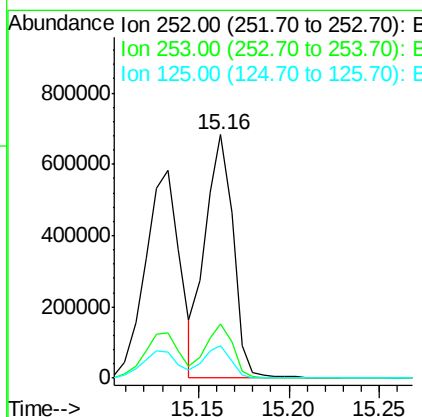
RT: 15.16 min Scan# 2223

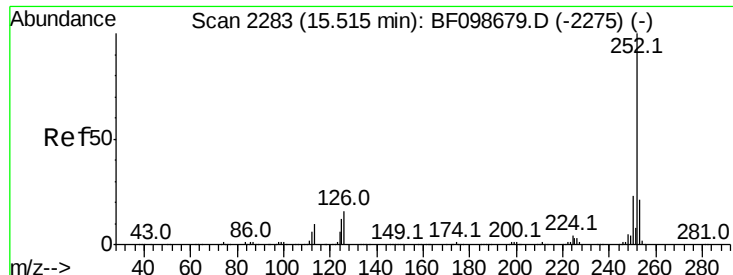
Delta R.T. -0.01 min

Lab File: BF098797.D

Acq: 25 Sep 2017 22:01

Tgt Ion:	252	Resp:	726498
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.9	26.9
125	13.4	10.2	15.2





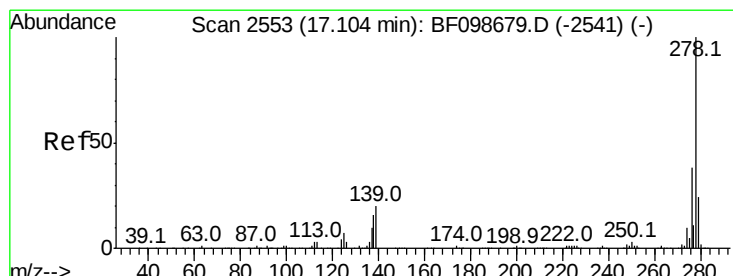
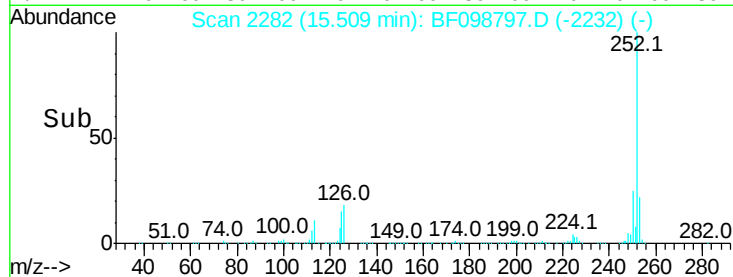
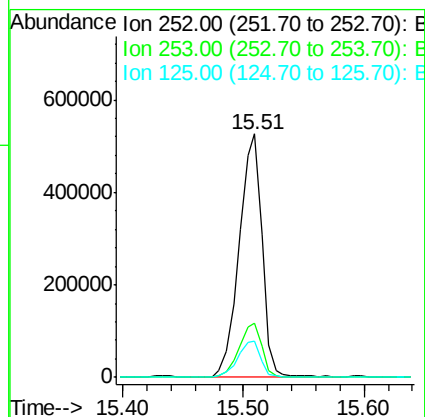
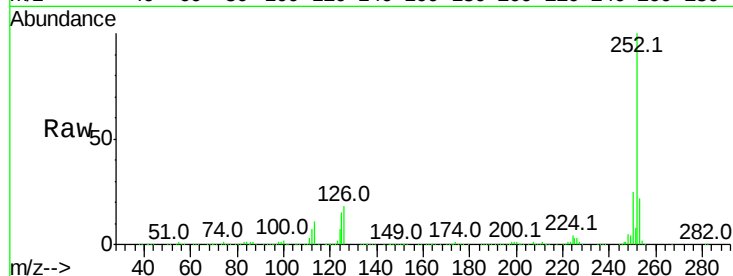
#89
Benzo(a)pyrene
Concen: 45.046 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	14.8	9.8	14.6

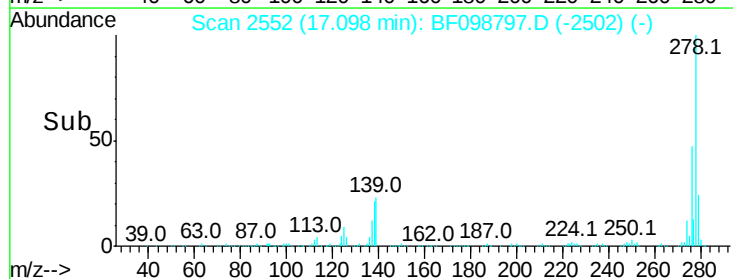
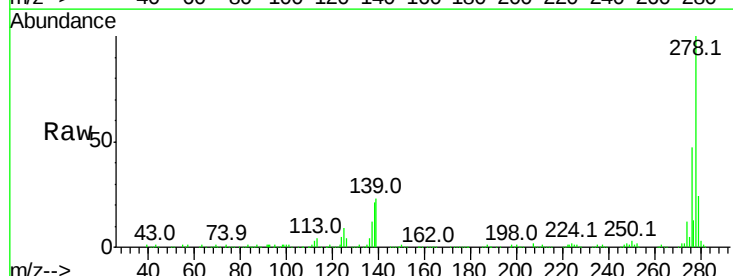
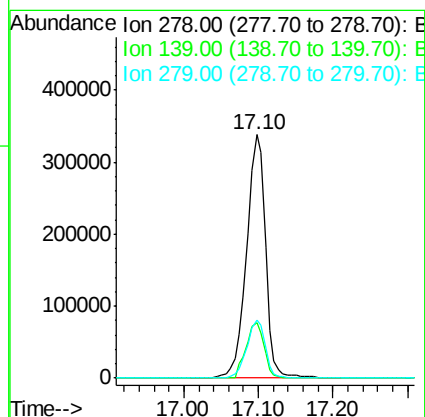
Manual Integrations
APPROVED

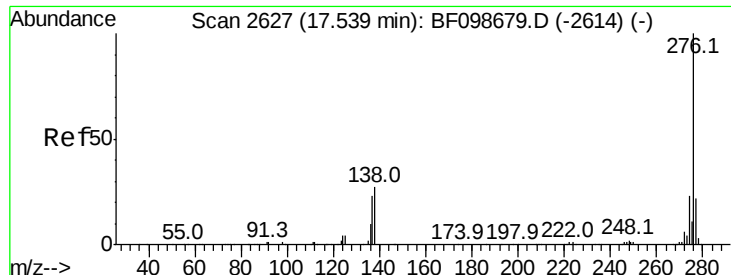
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 48.271 ng
RT: 17.10 min Scan# 2552
Delta R.T. -0.01 min
Lab File: BF098797.D
Acq: 25 Sep 2017 22:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.6	15.9	23.9
279	23.9	19.0	28.4





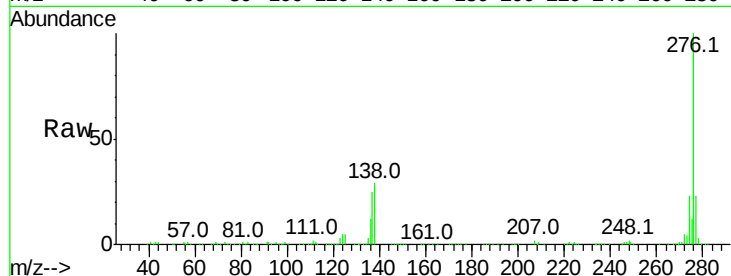
#91
 Benzo(a,h,i)perylene
 Concen: 50.314 ng
 RT: 17.54 min Scan# 2627
 Delta R.T. -0.01 min
 Lab File: BF098797.D
 Acq: 25 Sep 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MSD

Tot Ion:	276	Resp:	613169
Ion Ratio		Lower	Upper
276	100		
277	23.2	17.9	26.9
138	29.2	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 9/26/2017 4:58:38 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

