

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
 Data File : BF096923.D
 Acq On : 20 Jul 2017 23:25
 Operator : SJ/JU
 Sample : I4317-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMPMSD

Manual Integrations
 APPROVED

Sohil
 7/21/2017 1:05:59 PM

Quant Time: Jul 21 08:00:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	90904	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	383589	20.00	ng	-0.04
38) Acenaphthene-d10	9.60	164	165304	20.00	ng	-0.03
63) Phenanthrene-d10	11.07	188	254494	20.00	ng	-0.03
75) Chrysene-d12	13.70	240	147663	20.00	ng	-0.03
86) Perylene-d12	15.07	264	169255	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	749412	123.96	ng	-0.01
7) Phenol-d6	6.23	99	887404	122.31	ng	-0.02
23) Nitrobenzene-d5	7.14	82	538524	86.96	ng	-0.03
41) 2,4,6-Tribromophenol	10.39	330	179780	127.41	ng	-0.03
44) 2-Fluorobiphenyl	8.93	172	959587	91.71	ng	-0.03
78) Terphenyl-d14	12.66	244	614530	72.17	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.19	88	112928	36.301	ng	# 71
3) Pyridine	2.84	79	225689	34.520	ng	# 62
4) n-Nitrosodimethylamine	2.78	42	155541	42.542	ng	# 77
6) Aniline	6.23	93	282297	31.588	ng	# 54
8) 2-Chlorophenol	6.36	128	268770	41.208	ng	98
9) Benzaldehyde	6.11	77	102936	24.547	ng	98
10) Phenol	6.25	94	349519	42.616	ng	98
11) bis(2-Chloroethyl)ether	6.32	93	251759	40.820	ng	92
12) 1,3-Dichlorobenzene	6.51	146	286457	41.318	ng	99
13) 1,4-Dichlorobenzene	6.59	146	289262	41.199	ng	96
14) 1,2-Dichlorobenzene	6.74	146	264633	41.440	ng	98
15) Benzyl Alcohol	6.72	79	208532	43.902	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.86	45	506971	39.830	ng	96
17) 2-Methylphenol	6.85	107	210917	41.586	ng	94
18) Hexachloroethane	7.08	117	100132	40.220	ng	# 84
19) n-Nitroso-di-n-propylamine	7.00	70	180768	41.357	ng	# 86
20) 3+4-Methylphenols	7.00	107	266685	43.331	ng	# 65
22) Acetophenone	6.99	105	364403	42.504	ng	96
24) Nitrobenzene	7.16	77	264106	41.235	ng	94
25) Isophorone	7.40	82	473309	41.084	ng	# 94
26) 2-Nitrophenol	7.47	139	152231	42.745	ng	91
27) 2,4-Dimethylphenol	7.53	122	243528	41.566	ng	95
28) bis(2-Chloroethoxy)methane	7.62	93	323775	41.591	ng	99
29) 2,4-Dichlorophenol	7.72	162	222293	41.915	ng	96
30) 1,2,4-Trichlorobenzene	7.80	180	215331	42.704	ng	97
31) Naphthalene	7.87	128	768838	42.310	ng	99
32) Benzoic acid	7.64	122	46184	12.333	ng	94
33) 4-Chloroaniline	7.93	127	215396	29.918	ng	97
34) Hexachlorobutadiene	8.00	225	112859	41.926	ng	97
35) Caprolactam	8.30	113	70032m	41.212	ng	
36) 4-Chloro-3-methylphenol	8.43	107	232238	40.726	ng	88
37) 2-Methylnaphthalene	8.57	142	525472	45.358	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	191234	42.796	ng	99
40) Hexachlorocyclopentadiene	8.72	237	111417	67.148	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.85	196	136489	41.409	nq	98
43) 2,4,5-Trichlorophenol	8.90	196	139400	41.934	nq	95
45) 1,1'-Biphenyl	9.03	154	591688	41.735	nq	99
46) 2-Chloronaphthalene	9.05	162	452813	43.375	nq #	92
47) 2-Nitroaniline	9.15	65	154007	42.918	nq	94
48) Acenaphthylene	9.46	152	706420	42.470	nq	99
49) Dimethylphthalate	9.34	163	622364	50.002	nq	99
50) 2,6-Dinitrotoluene	9.40	165	116281	43.131	nq #	83
51) Acenaphthene	9.64	154	407243	41.445	nq	99
52) 3-Nitroaniline	9.56	138	102166	31.989	nq	92
53) 2,4-Dinitrophenol	9.67	184	55161	44.581	nq #	76
54) Dibenzofuran	9.81	168	596138	43.294	nq	99
55) 4-Nitrophenol	9.75	139	153199	65.658	nq #	65
56) 2,4-Dinitrotoluene	9.80	165	138386	39.946	nq #	67
57) Fluorene	10.15	166	441572	43.397	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	105999	45.977	nq	97
59) Diethylphthalate	10.04	149	507705	41.900	nq	99
60) 4-Chlorophenyl-phenylether	10.15	204	188998	44.797	nq	95
61) 4-Nitroaniline	10.17	138	122776	40.937	nq	94
62) Azobenzene	10.30	77	468924	43.868	nq	91
64) 4,6-Dinitro-2-methylphenol	10.22	198	60295	37.735	nq #	76
65) n-Nitrosodiphenylamine	10.27	169	413079	45.407	nq	97
66) 4-Bromophenyl-phenylether	10.63	248	122431	47.120	nq	96
67) Hexachlorobenzene	10.70	284	126327	43.653	nq #	90
68) Atrazine	10.80	200	119242	46.008	nq	94
69) Pentachlorophenol	10.90	266	97666	69.861	nq	99
70) Phenanthrene	11.10	178	617699	44.639	nq	99
71) Anthracene	11.16	178	627306	44.837	nq	98
72) Carbazole	11.31	167	566289	41.797	nq	98
73) Di-n-butylphthalate	11.65	149	747832	44.320	nq	99
74) Fluoranthene	12.29	202	565397	42.687	nq	97
76) Benzidine	12.41	184	257598	53.250	nq #	93
77) Pyrene	12.51	202	570366	42.561	nq	98
79) Butylbenzylphthalate	13.14	149	272202	42.750	nq #	82
80) Benzo(a)anthracene	13.69	228	427847	46.502	nq	99
81) 3,3'-Dichlorobenzidine	13.66	252	132135	39.938	nq #	96
82) Chrysene	13.73	228	414656	45.780	nq	99
83) Bis(2-ethylhexyl)phthalate	13.71	149	333106	42.958	nq #	98
84) Di-n-octyl phthalate	14.32	149	592874	46.254	nq	95
85) Indeno(1,2,3-cd)pyrene	16.35	276	454370	51.796	nq	99
87) Benzo(b)fluoranthene	14.70	252	428624	41.989	nq	98
88) Benzo(k)fluoranthene	14.73	252	401823	41.569	nq #	94
89) Benzo(a)pyrene	15.02	252	419138	44.767	nq	99
90) Dibenzo(a,h)anthracene	16.36	278	371445	43.116	nq	99
91) Benzo(g,h,i)perylene	16.73	276	379851	41.175	nq	97

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

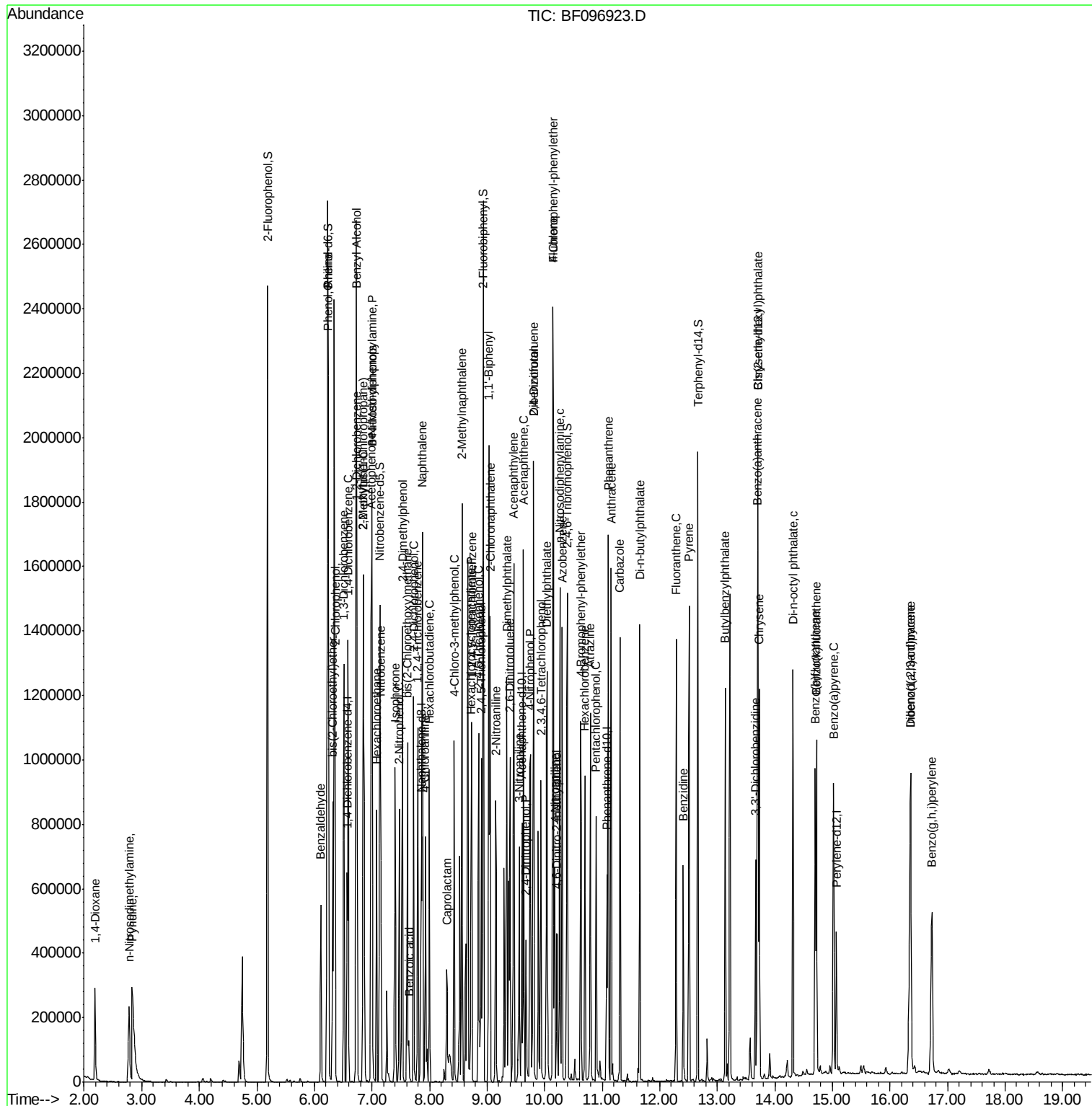
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Misc      :  
ALS Vial  : 22      Sample Multiplier: 1
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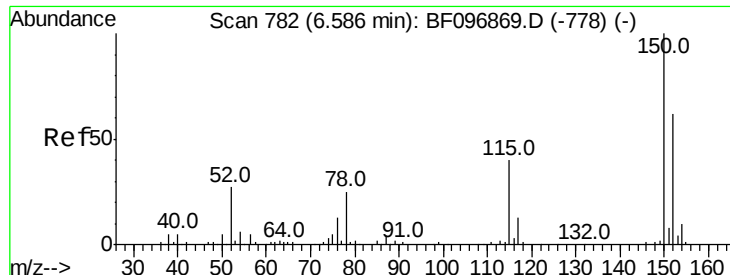
Instrument :
BNA_F
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SP-1-TP-1-2-3-COMPMSD

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#1

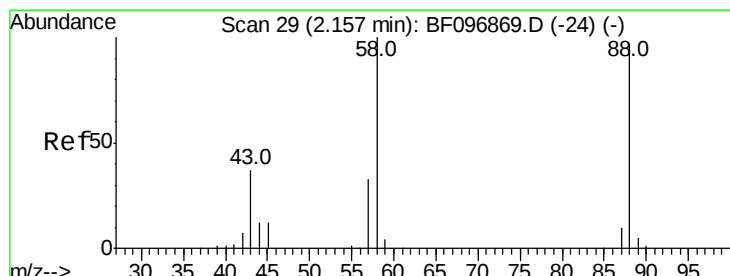
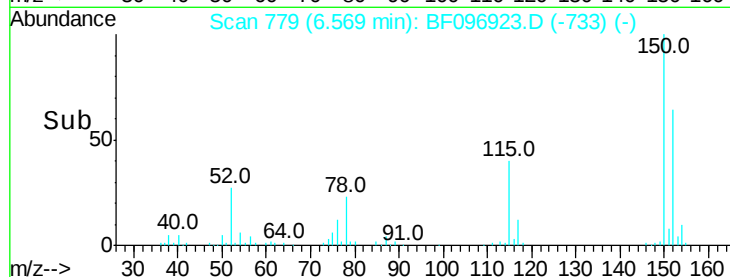
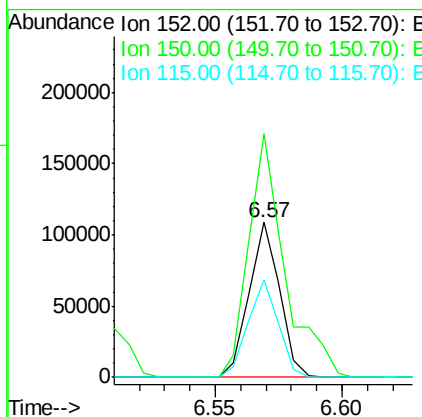
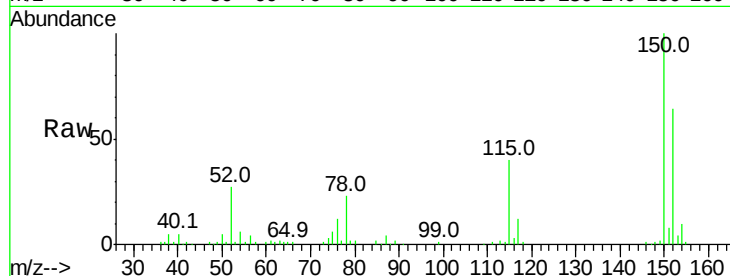
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.57 min Scan# 779
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.2	189.2
115	63.1	52.2	78.2

Manual Integrations
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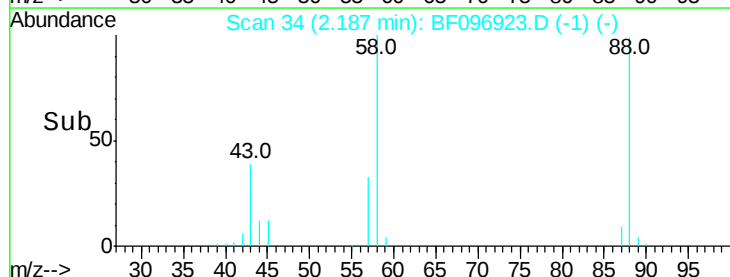
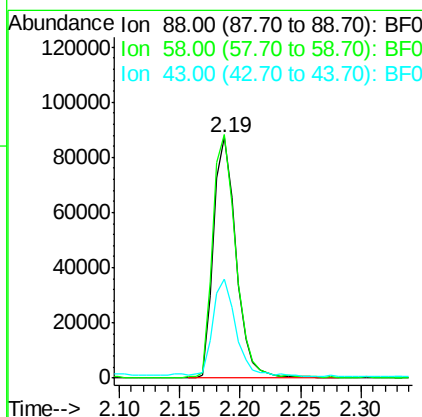
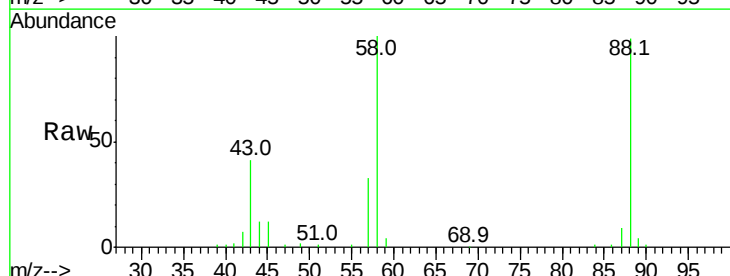
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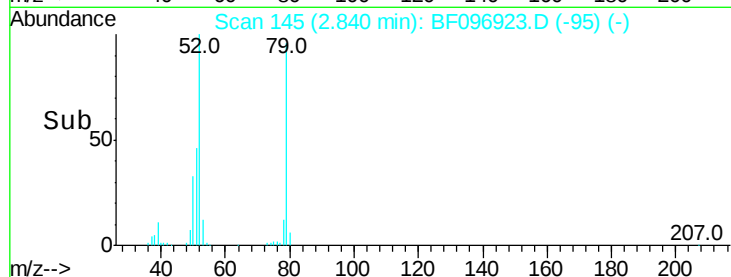
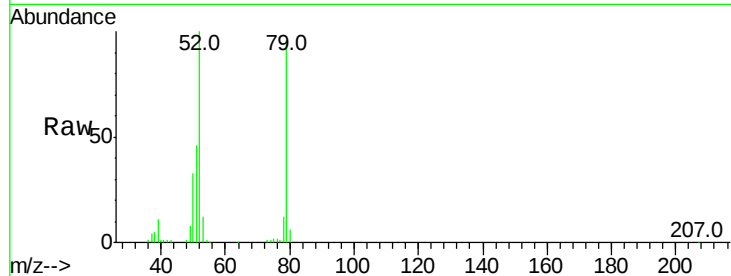
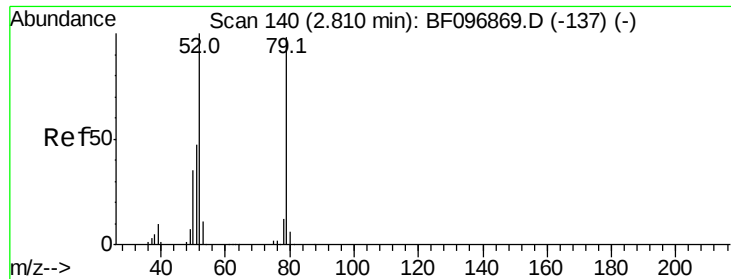


#2

1,4-Dioxane
Concen: 36.301 ng
RT: 2.19 min Scan# 34
Delta R.T. 0.00 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	104.3	61.4	92.0#
43	40.7	23.4	35.0#





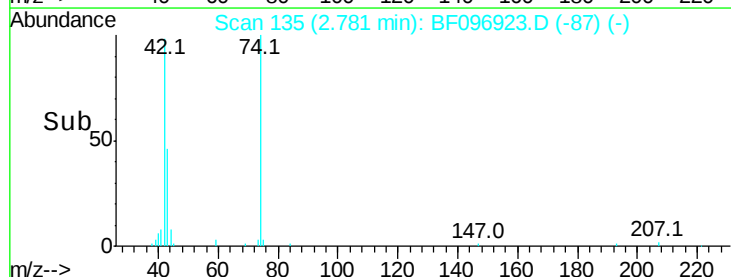
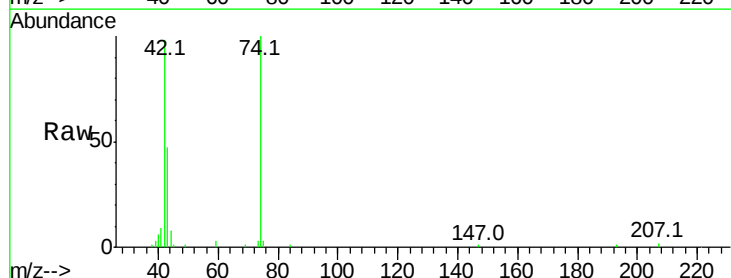
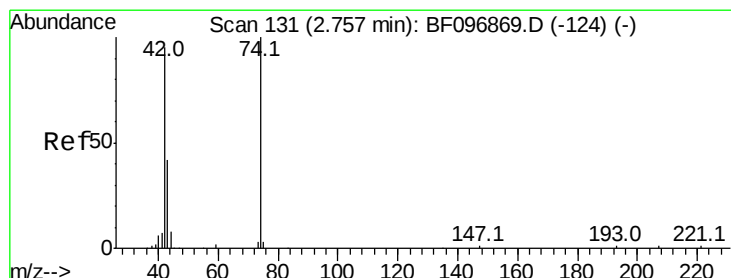
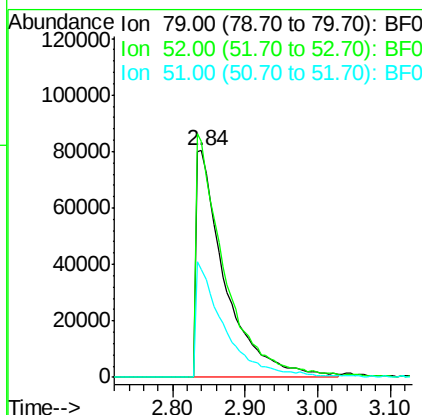
#3
 Pvridine
 Concen: 34.520 ng
 RT: 2.84 min Scan# 145
 Delta R.T. -0.01 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Tot Ion	Ratio	Lower	Upper
79	100		
52	104.3	54.8	82.2#
51	47.5	27.0	40.4#

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMPMSD

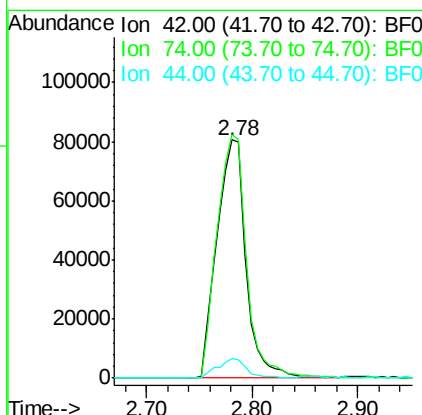
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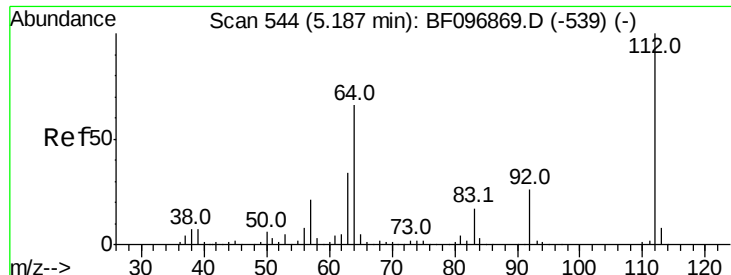
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#4
 n-Nitrosodimethylamine
 Concen: 42.542 ng
 RT: 2.78 min Scan# 135
 Delta R.T. -0.02 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Lower	Upper
42	100		
74	102.3	103.9	155.9#
44	8.0	5.7	8.5





#5

2-Fluorophenol

Concen: 123.955 ng

RT: 5.19 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Instrument :

BNA_F

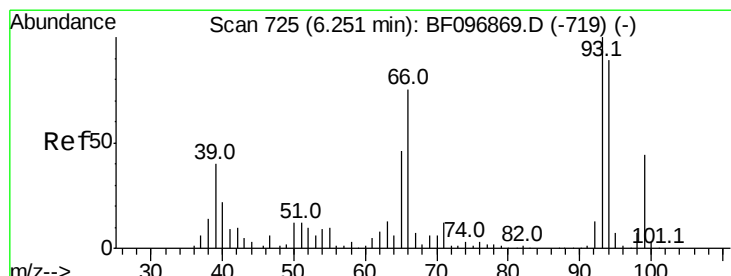
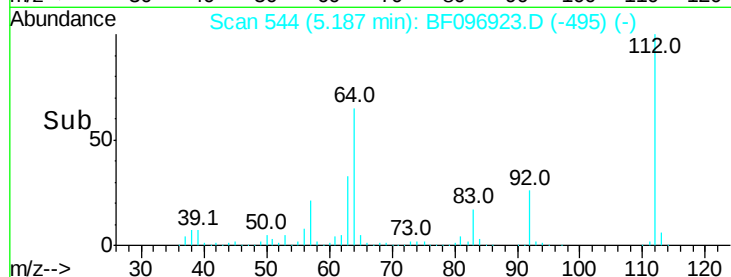
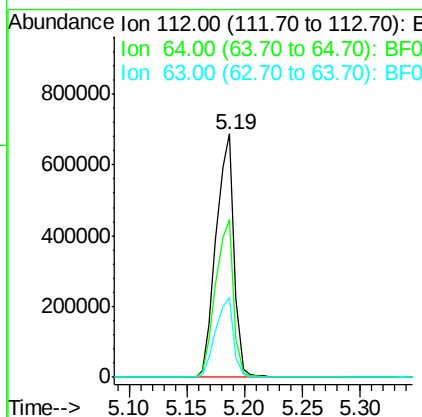
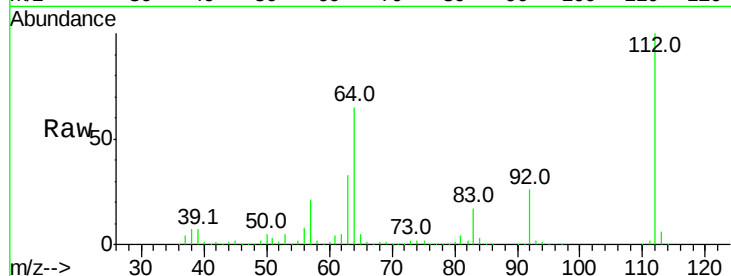
ClientSampleId :

SP-1-TP-1-2-3-COMPMSD

Tot Ion:	112	Resp:	749412
Ion Ratio	Lower	Upper	
112	100		
64	64.8	46.0	69.0
63	32.8	23.4	35.0

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#6

Aniline

Concen: 31.588 ng

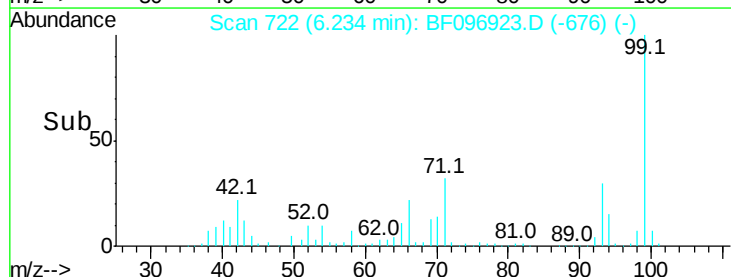
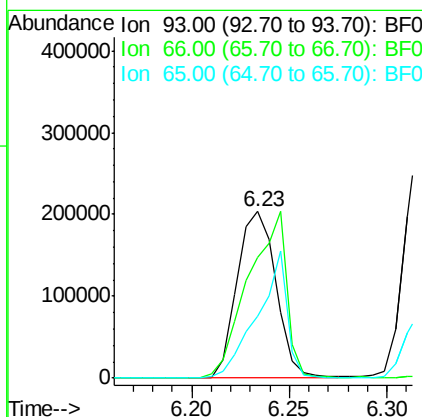
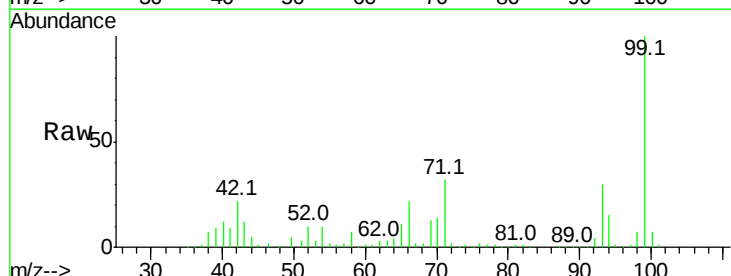
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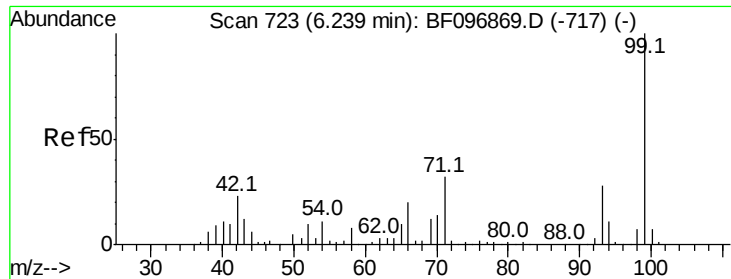
Delta R.T. -0.03 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Tgt Ion:	93	Resp:	282297
Ion Ratio	Lower	Upper	
93	100		
66	72.5	32.9	49.3#
65	36.9	16.0	24.0#





#7

Phenol-d6

Concen: 122.313 ng

RT: 6.23 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Instrument :

BNA_F

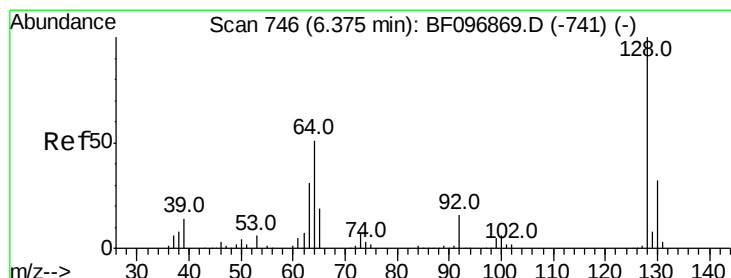
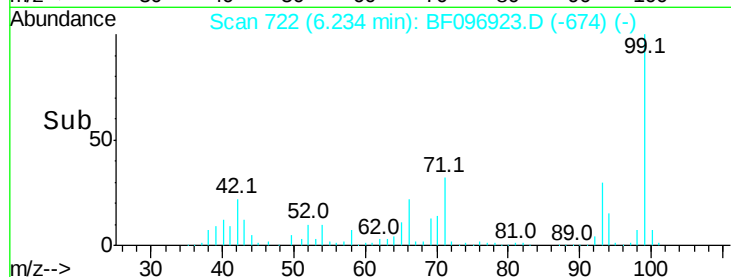
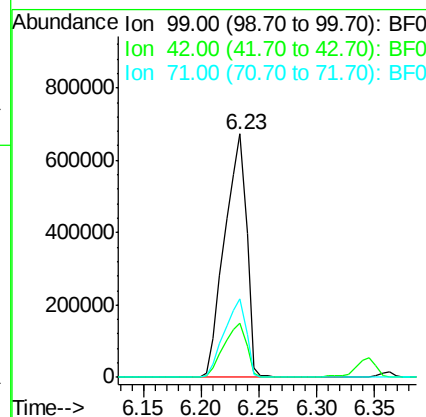
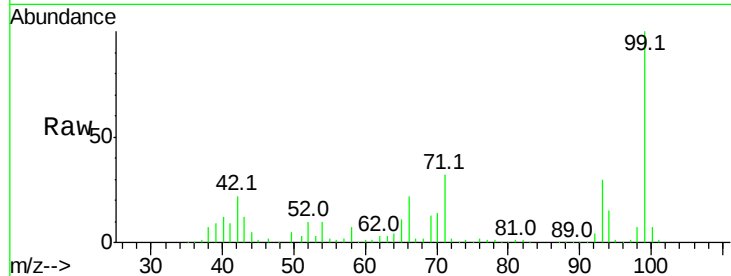
ClientSampleId :

SP-1-TP-1-2-3-COMPMSD

Tot Ion:	99	Resp:	887404
Ion Ratio	Lower	Upper	
99	100		
42	22.2	13.5	20.3#
71	32.0	24.5	36.7

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#8

2-Chlorophenol

Concen: 41.208 ng

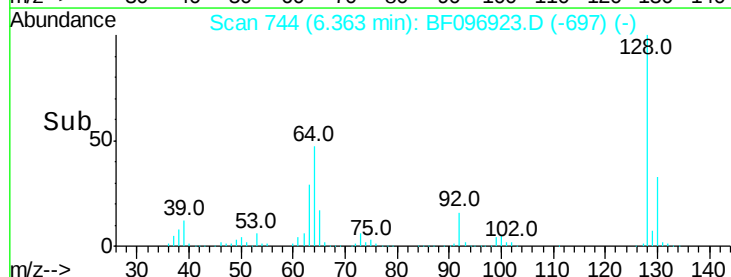
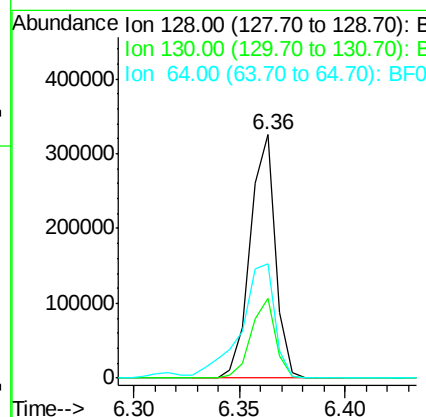
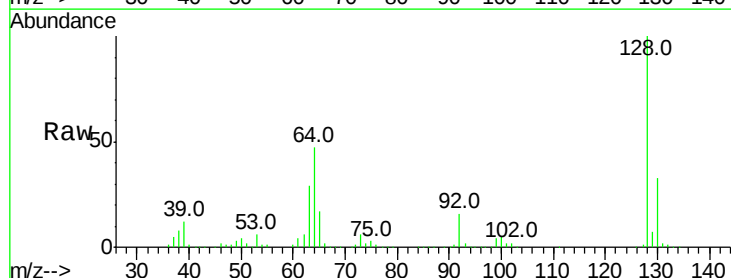
RT: 6.36 min Scan# 744

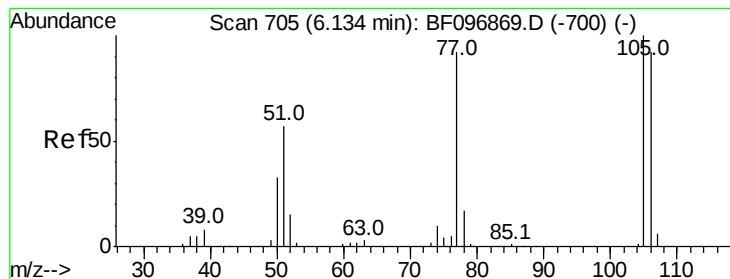
Delta R.T. -0.02 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Tgt Ion:	128	Resp:	268770
Ion Ratio	Lower	Upper	
128	100		
130	33.0	12.9	52.9
64	46.7	28.4	68.4





#9

Benzaldehyde

Concen: 24.547 ng

RT: 6.11 min Scan# 701

Delta R.T. -0.04 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Instrument :

BNA_F

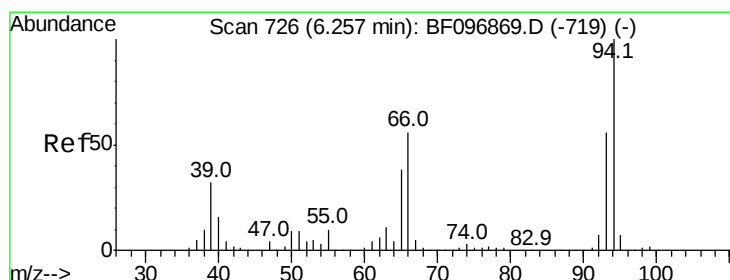
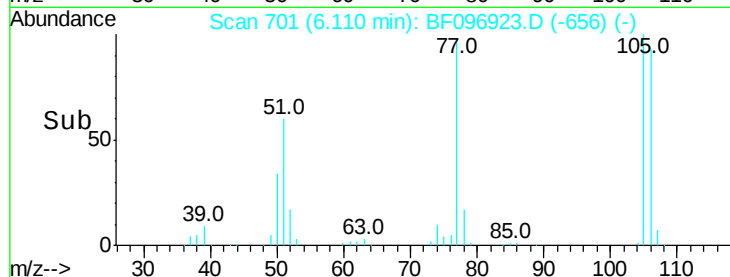
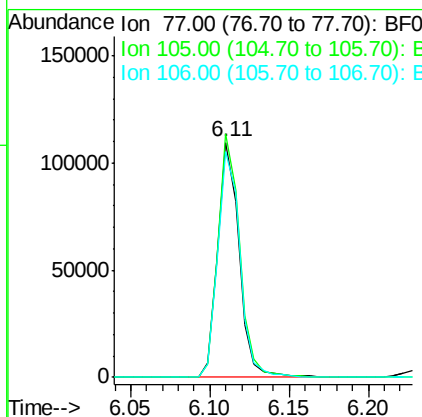
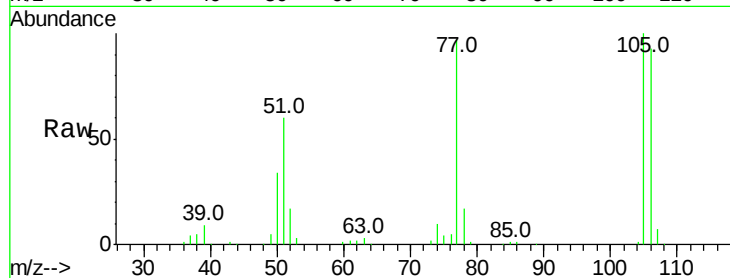
ClientSampleId :

SP-1-TP-1-2-3-COMPMSD

Tot Ion:	77	Resp:	102936
Ion Ratio	Lower	Upper	
77	100		
105	103.5	83.8	123.8
106	95.9	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 42.616 ng

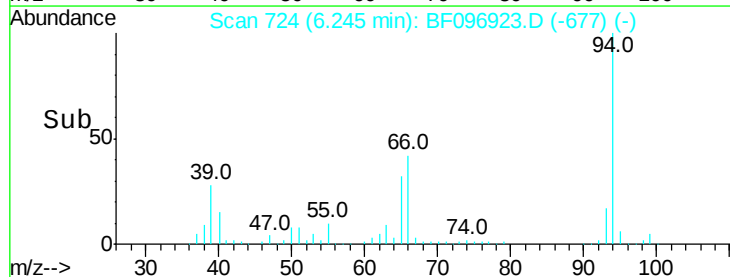
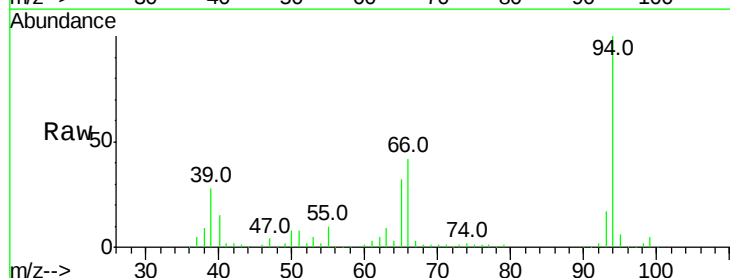
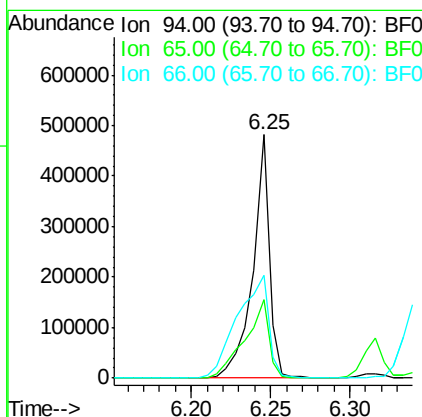
RT: 6.25 min Scan# 724

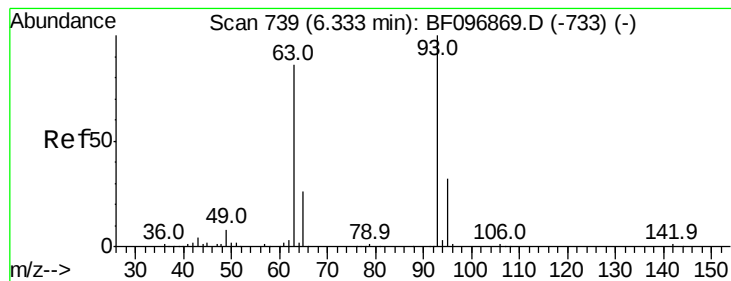
Delta R.T. -0.02 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Tgt Ion:	94	Resp:	349519
Ion Ratio	Lower	Upper	
94	100		
65	32.2	9.9	49.9
66	42.4	23.1	63.1





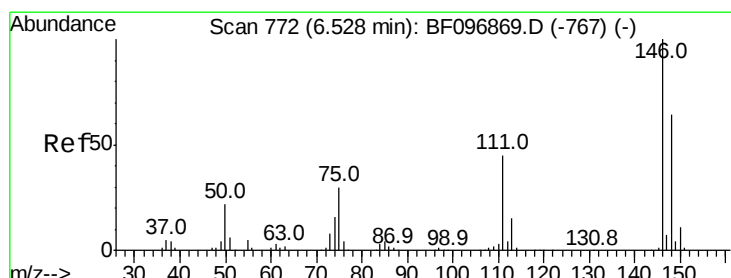
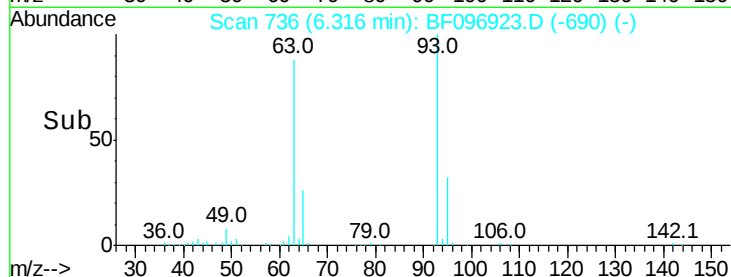
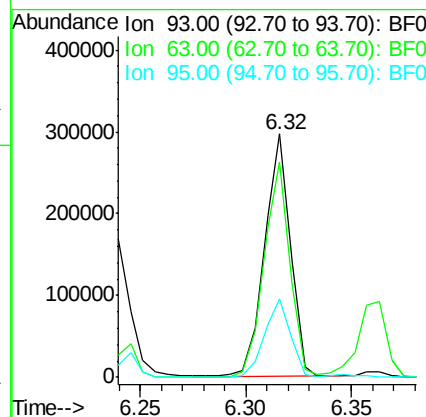
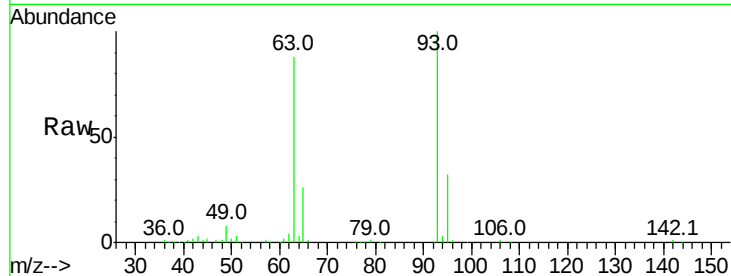
#11
bis(2-Chloroethyl)ether
Concen: 40.820 ng
RT: 6.32 min Scan# 736
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	251759		
63	88.3	59.2	99.2	
95	32.2	12.8	52.8	

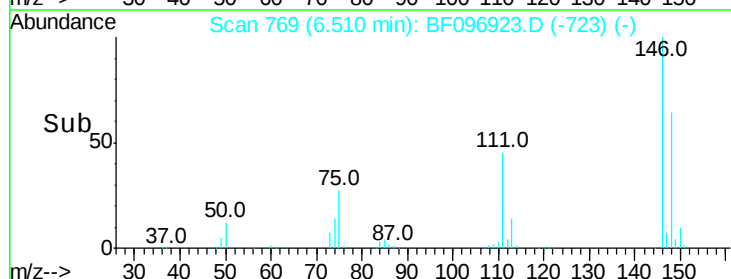
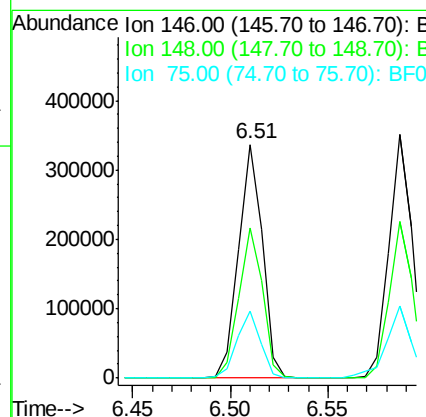
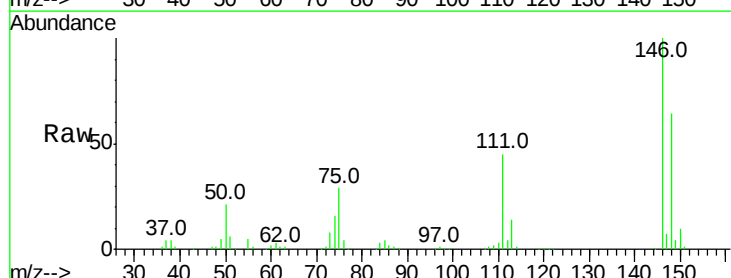
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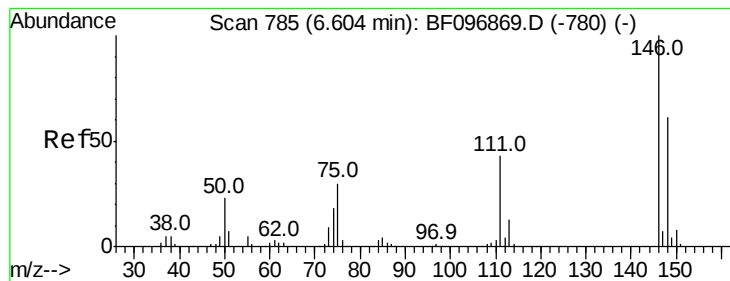
Sohil
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#12
1,3-Dichlorobenzene
Concen: 41.318 ng
RT: 6.51 min Scan# 769
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	286457		
148	64.0	51.8	77.6	
75	28.6	23.1	34.7	





#13

1,4-Dichlorobenzene

Concen: 41.199 ng

RT: 6.59 min Scan# 782

Delta R.T. -0.03 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Instrument :

BNA_F

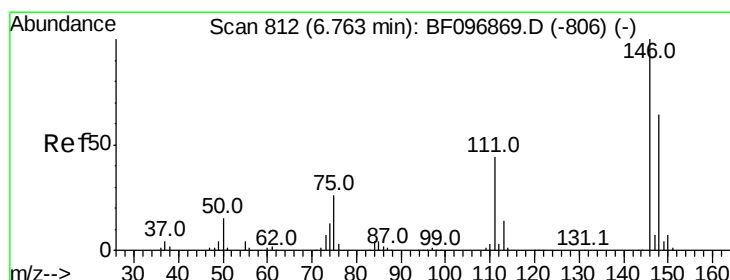
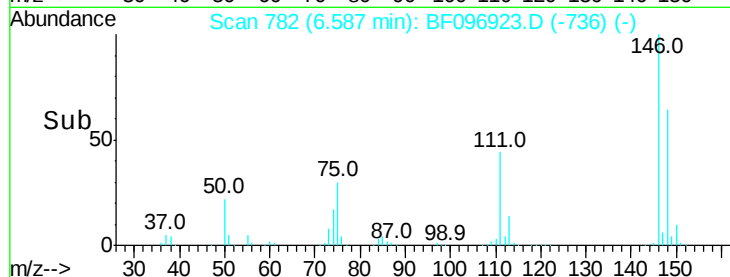
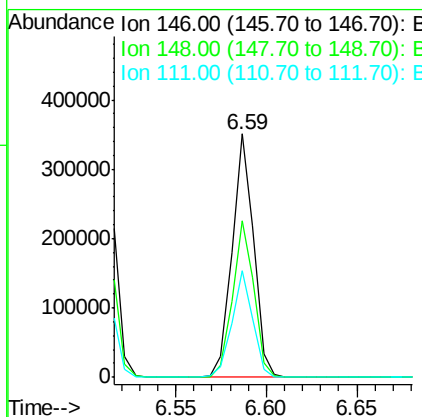
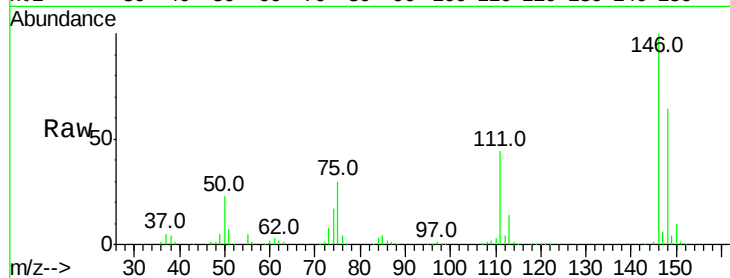
ClientSampleId :

SP-1-TP-1-2-3-COMPMSD

Tot Ion:	146	Resp:	289262
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.2	78.2
111	43.6	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 41.440 ng

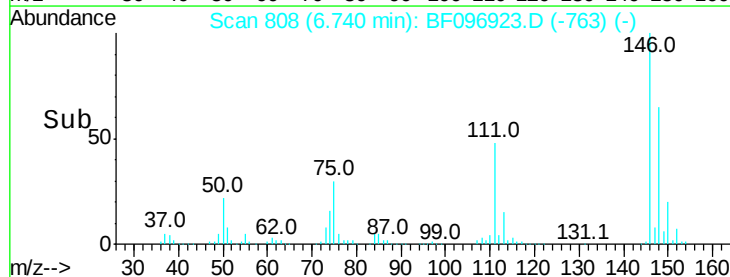
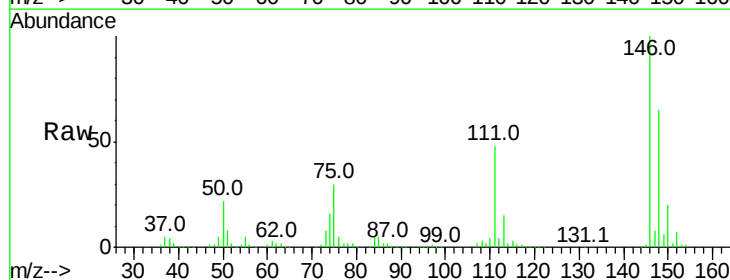
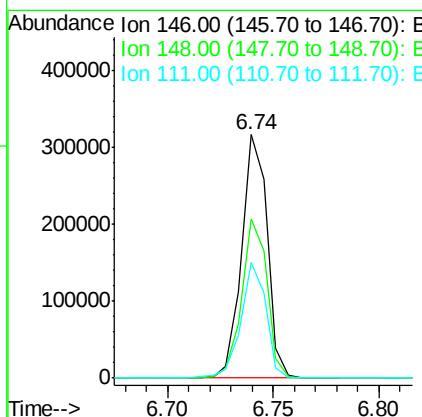
RT: 6.74 min Scan# 808

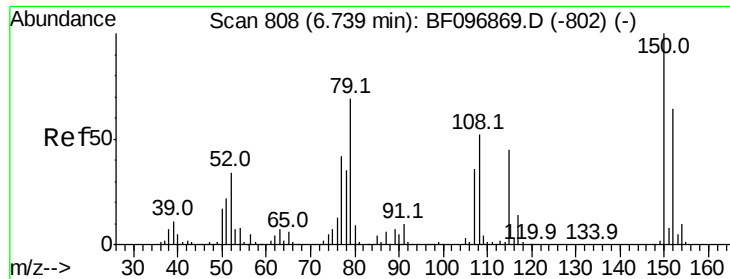
Delta R.T. -0.04 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Tgt Ion:	146	Resp:	264633
Ion Ratio	Lower	Upper	
146	100		
148	65.3	50.4	75.6
111	47.6	38.2	57.4





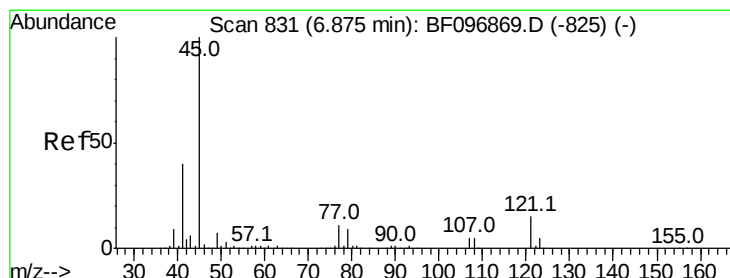
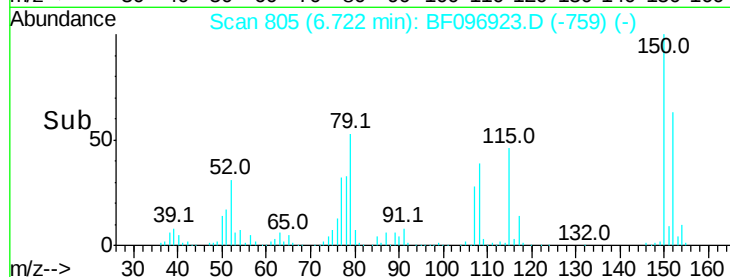
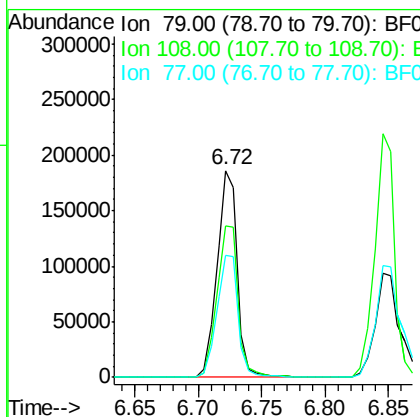
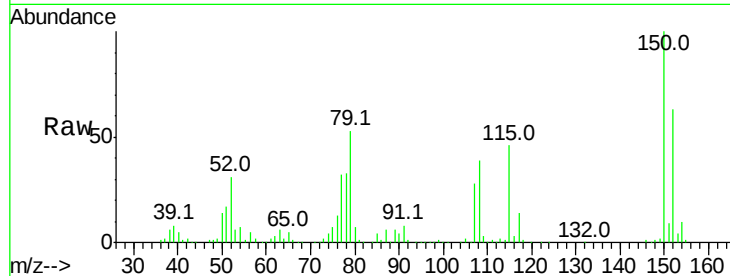
#15
Benzyl Alcohol
Concen: 43.902 ng
RT: 6.72 min Scan# 805
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

Tot Ion: 79 Resp: 208532
Ion Ratio Lower Upper
79 100
108 73.3 63.4 95.0
77 59.2 49.2 73.8

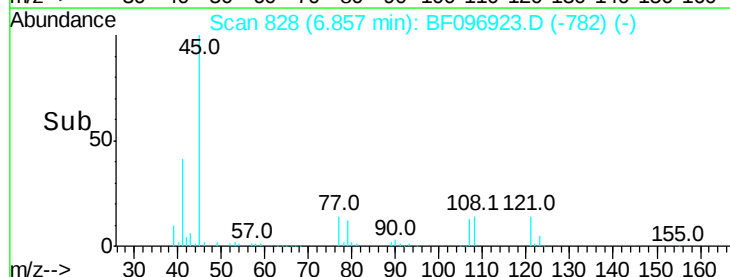
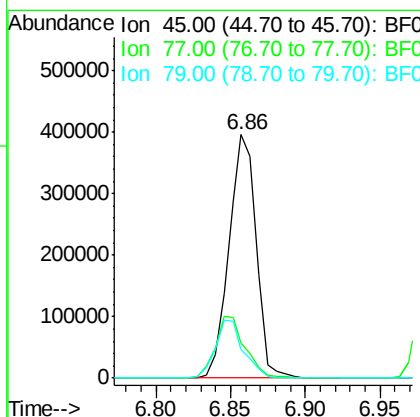
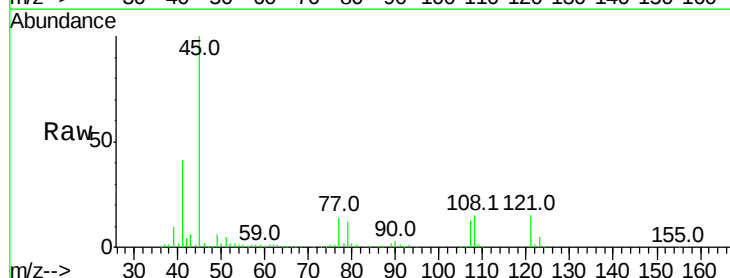
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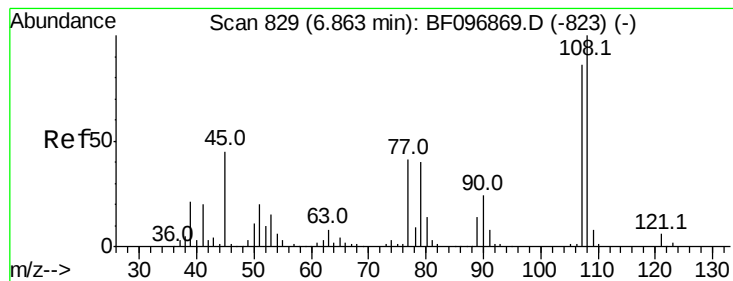
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.830 ng
RT: 6.86 min Scan# 828
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion: 45 Resp: 506971
Ion Ratio Lower Upper
45 100
77 14.4 0.0 33.2
79 12.0 0.0 30.0





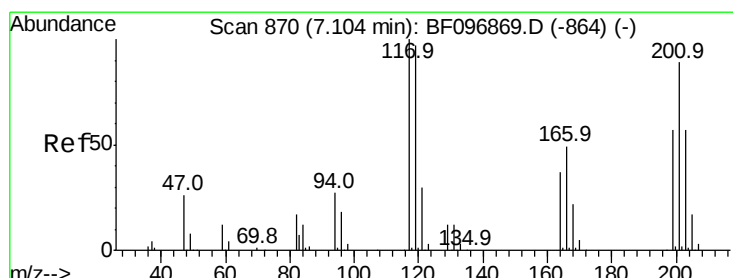
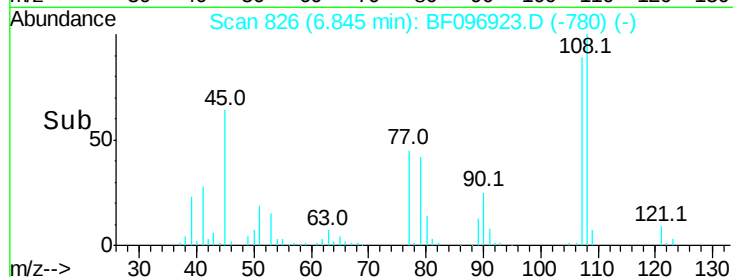
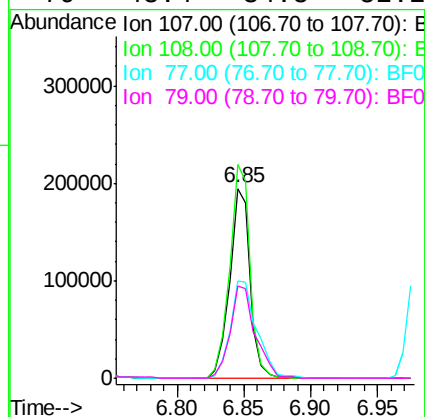
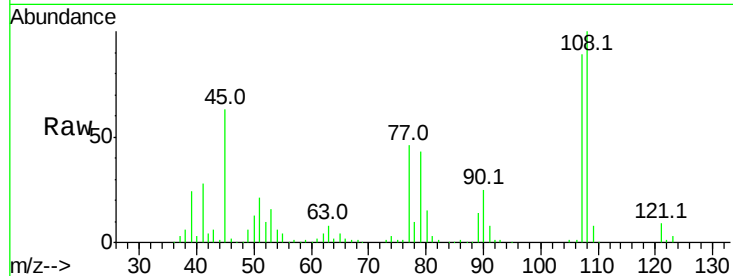
#17
2-Methylphenol
Concen: 41.586 ng
RT: 6.85 min Scan# 826
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.6	93.4	140.0
77	51.6	35.8	53.6
79	48.4	34.8	52.2

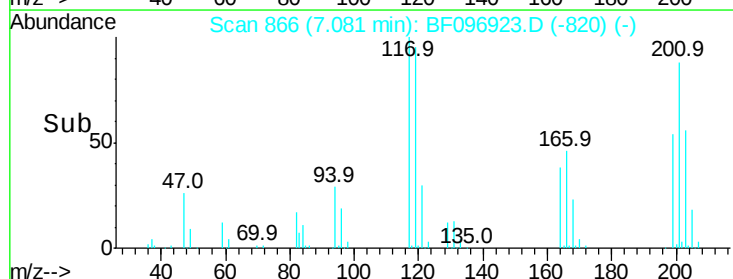
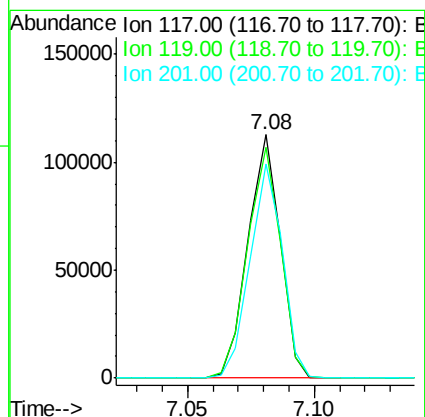
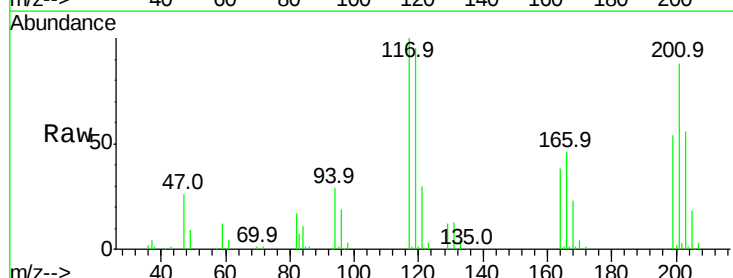
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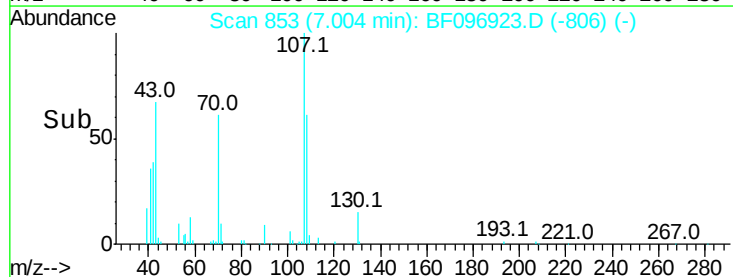
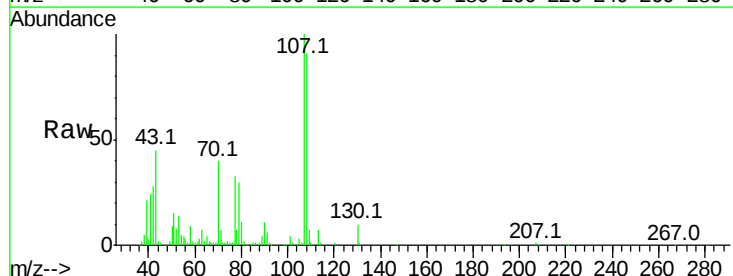
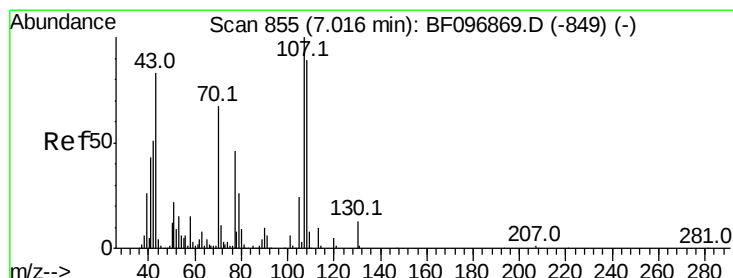
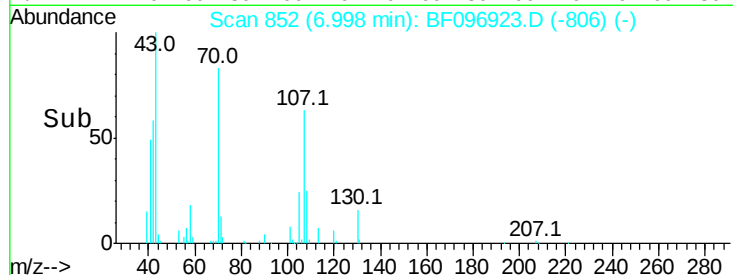
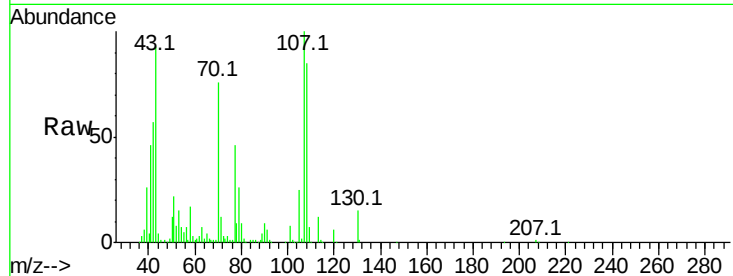
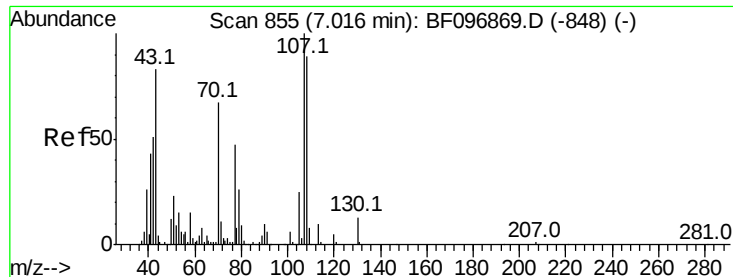
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7/21/2017 1:05:59 PM



#18
Hexachloroethane
Concen: 40.220 ng
RT: 7.08 min Scan# 866
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.4	116.0
201	87.8	94.6	141.8#





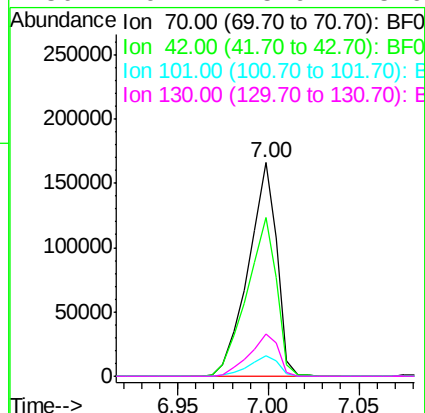
#19
n-Nitroso-di-n-propylamine
Concen: 41.357 ng
RT: 7.00 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	74.5	47.2	70.8#	
101	9.9	7.2	10.8	
130	19.7	15.9	23.9	

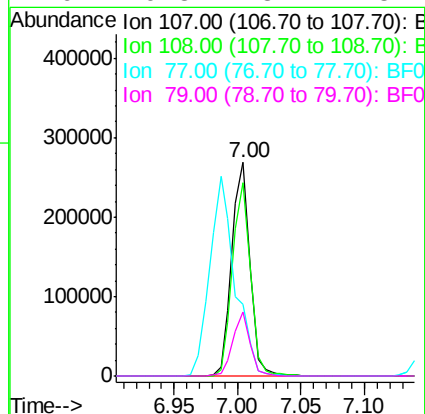
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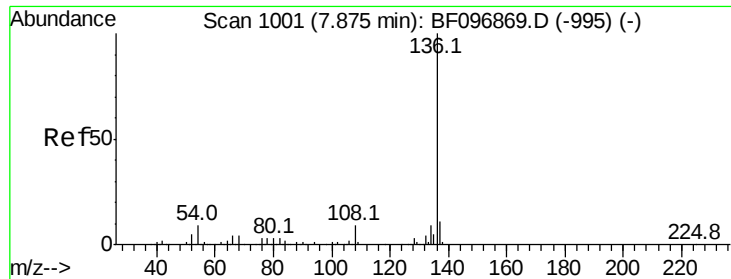
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#20
3+4-Methylphenols
Concen: 43.331 ng
RT: 7.00 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.7	71.0	111.0	
77	33.4	90.5	130.5#	
79	29.8	8.4	48.4	





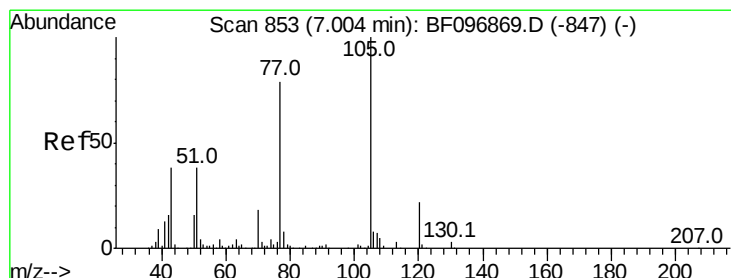
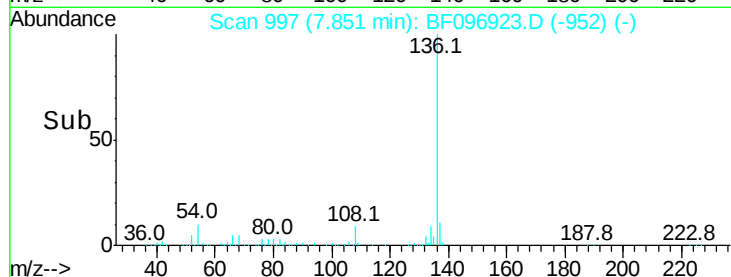
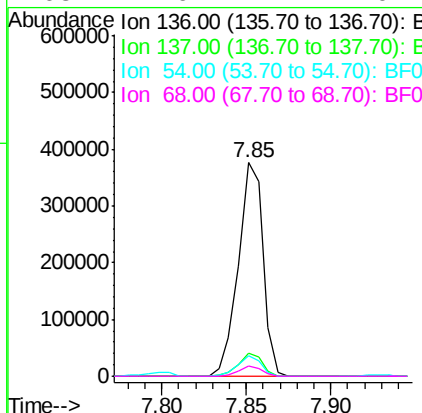
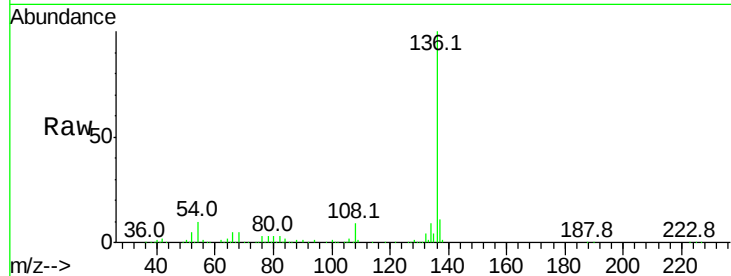
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.85 min Scan# 997
Delta R.T. -0.04 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.5	12.7	
54	9.6	4.9	7.3	
68	4.6	4.1	6.1	

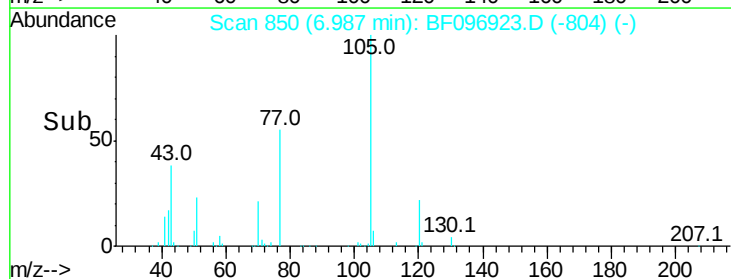
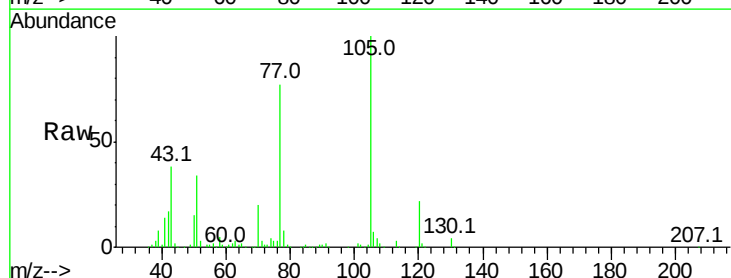
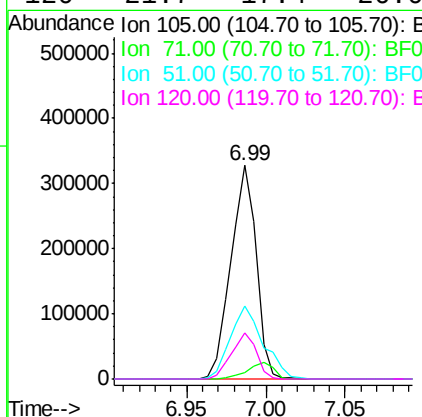
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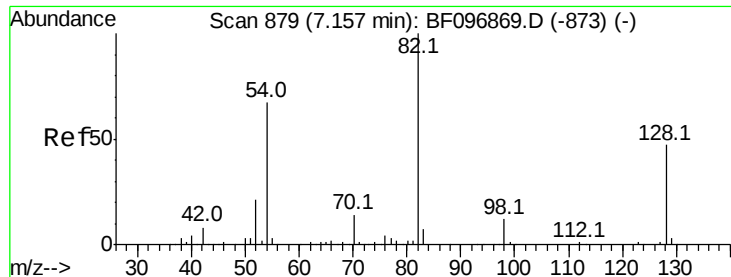
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#22
Acetophenone
Concen: 42.504 ng
RT: 6.99 min Scan# 850
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.2	2.8	4.2	
51	34.4	30.7	46.1	
120	21.7	17.4	26.0	





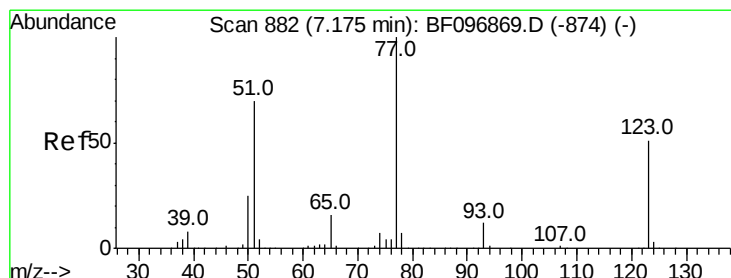
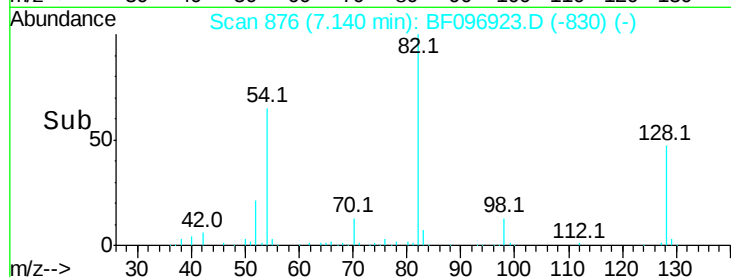
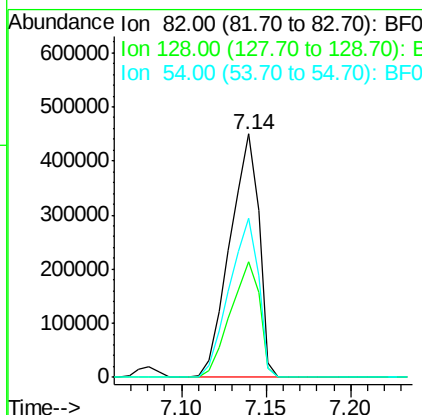
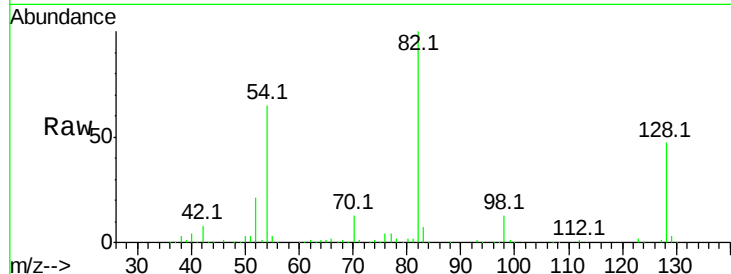
#23
 Nitrobenzene-d5
 Concen: 86.959 ng
 RT: 7.14 min Scan# 876
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMPMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.0	51.0
54	65.4	42.2	63.2

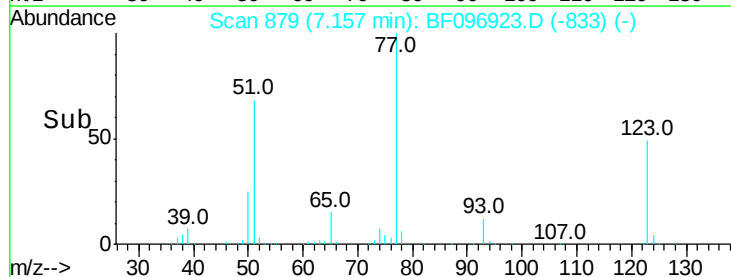
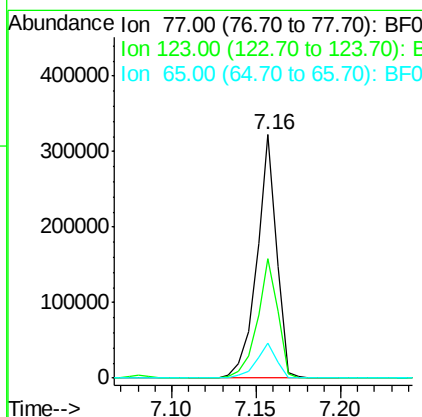
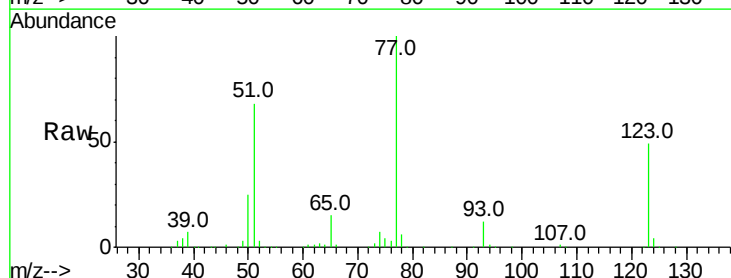
Manual Integrations
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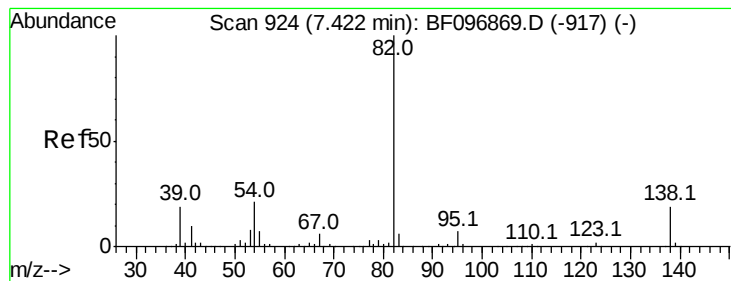
Sohil
 7/21/2017 1:05:59 PM



#24
 Nitrobenzene
 Concen: 41.235 ng
 RT: 7.16 min Scan# 879
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.8	35.8	53.8
65	14.6	10.6	15.8





#25

Isophorone

Concen: 41.084 ng

RT: 7.40 min Scan# 921

Delta R.T. -0.03 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Instrument :

BNA_F

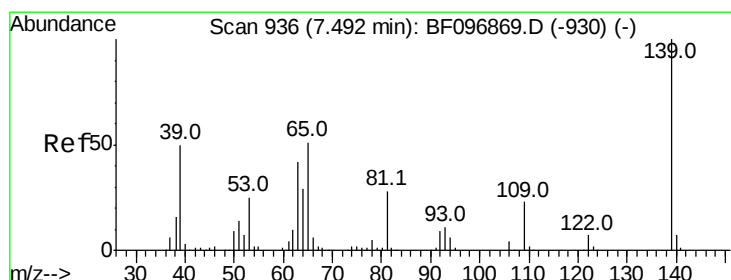
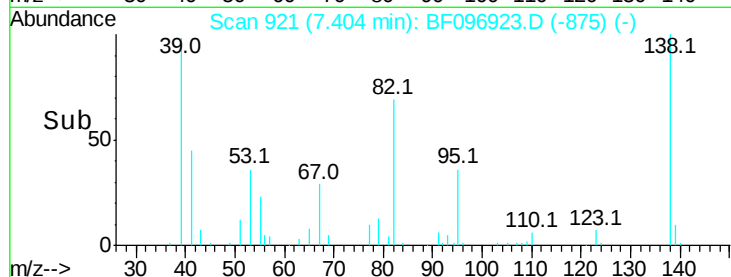
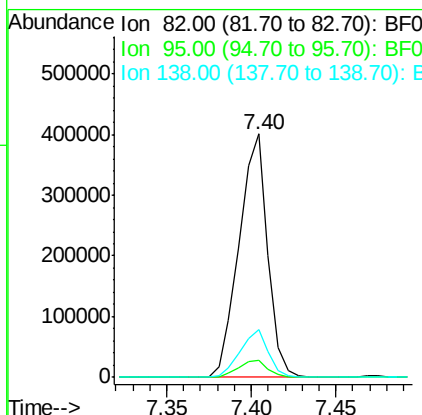
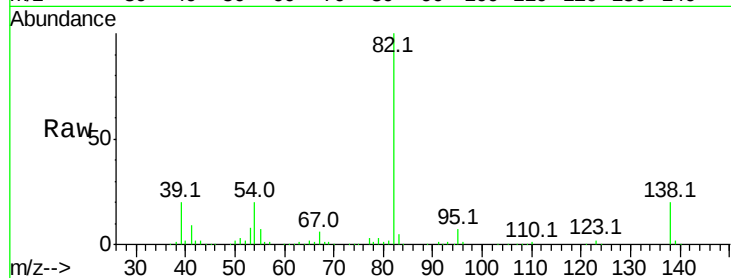
ClientSampleId :

SP-1-TP-1-2-3-COMPMSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.3	7.9
138	19.8	13.1	19.7

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#26

2-Nitrophenol

Concen: 42.745 ng

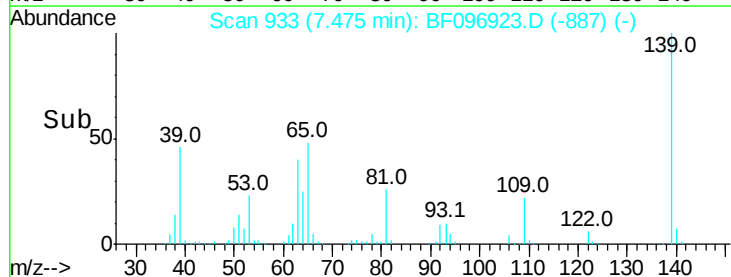
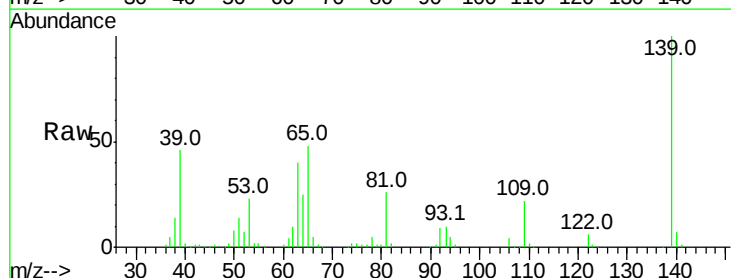
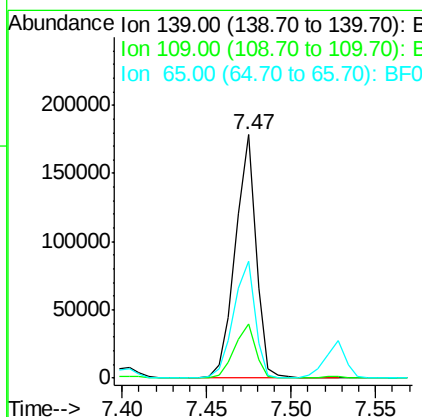
RT: 7.47 min Scan# 933

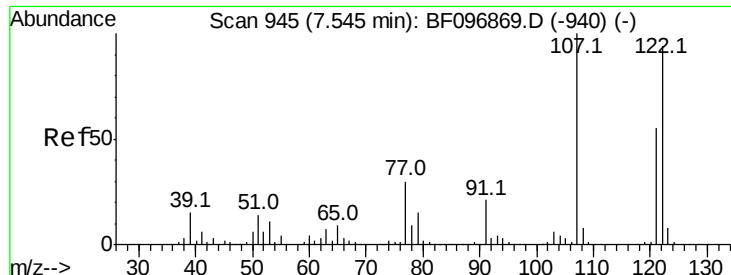
Delta R.T. -0.03 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	22.4	21.0	31.6
65	48.0	33.0	49.6





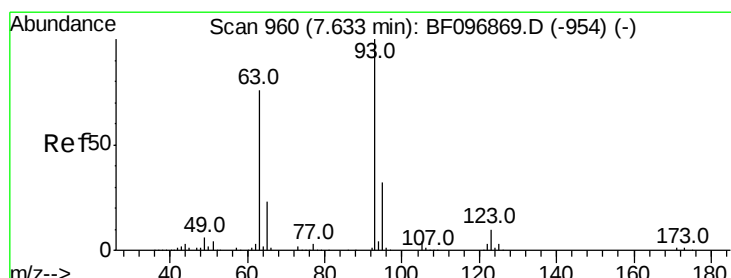
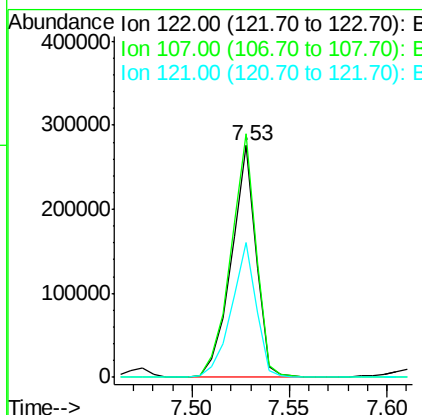
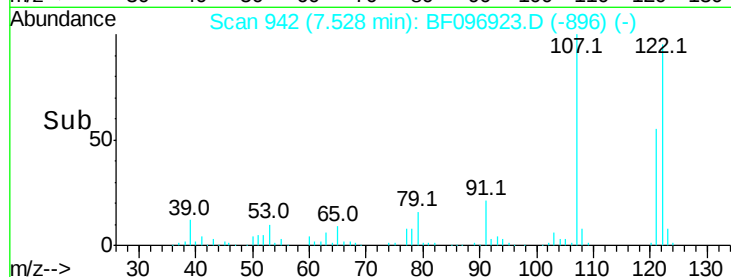
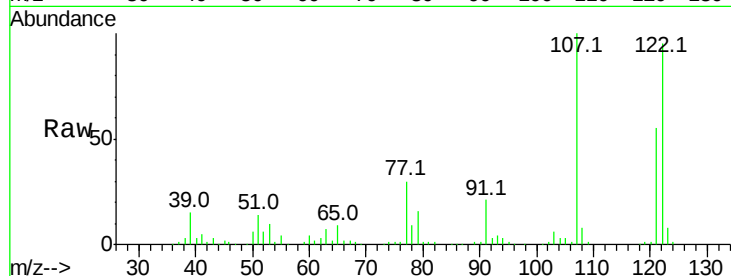
#27
2,4-Dimethylphenol
Concen: 41.566 ng
RT: 7.53 min Scan# 942
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	243528		
107	105.2	89.2	133.8	
121	58.2	45.2	67.8	

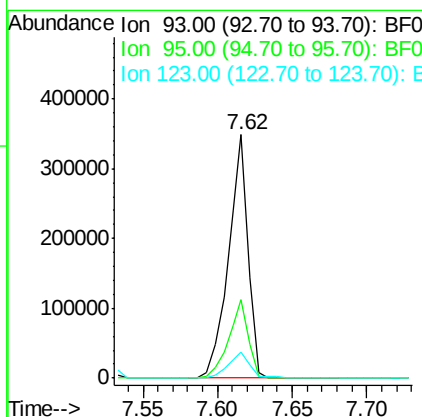
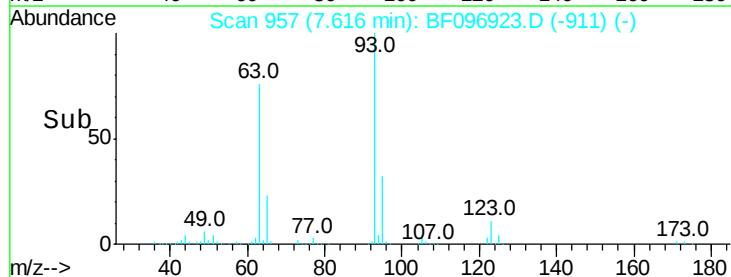
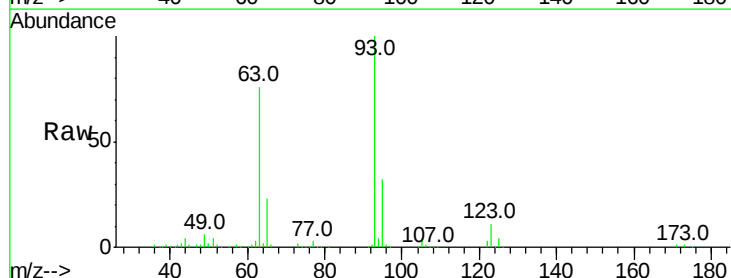
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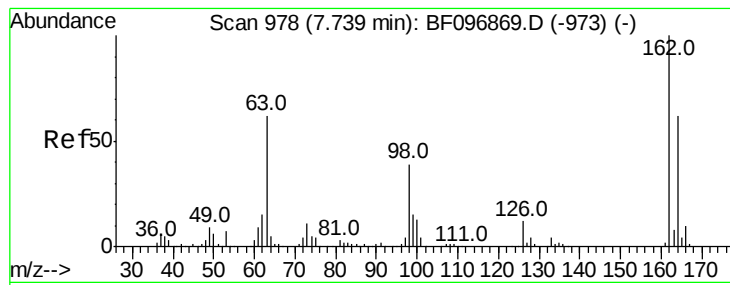
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#28
bis(2-Chloroethoxy)methane
Concen: 41.591 ng
RT: 7.62 min Scan# 957
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	323775		
95	32.5	26.5	39.7	
123	10.9	9.0	13.4	





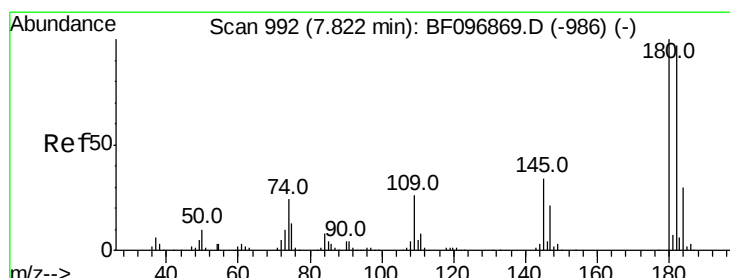
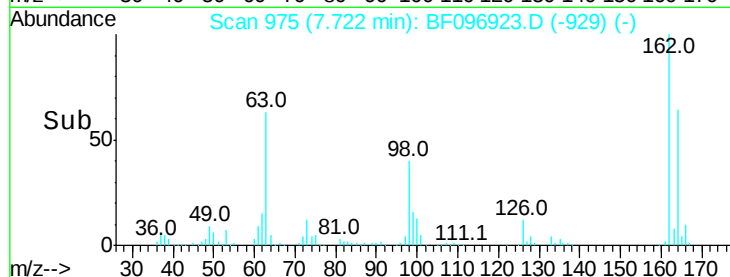
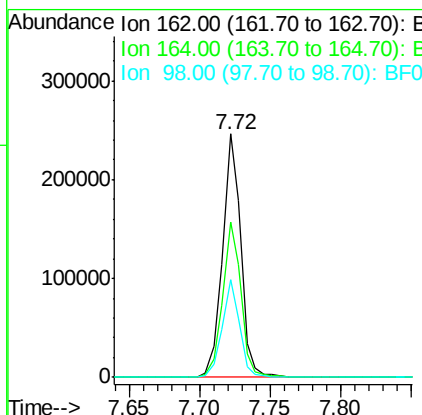
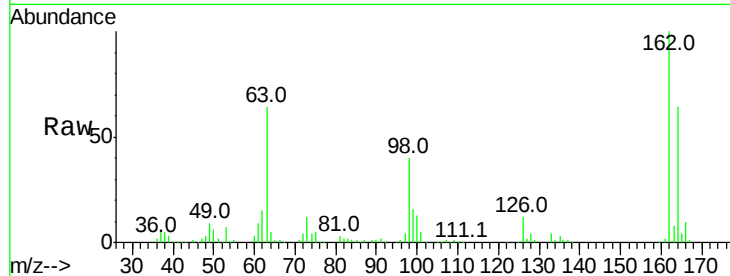
#29
 2,4-Dichlorophenol
 Concen: 41.915 ng
 RT: 7.72 min Scan# 975
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	222293		
164	64.0		44.6	84.6
98	40.2		14.8	54.8

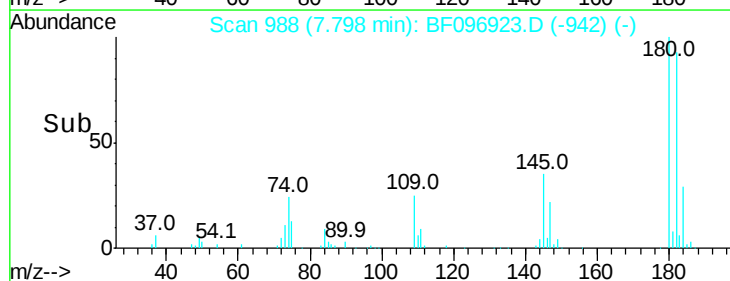
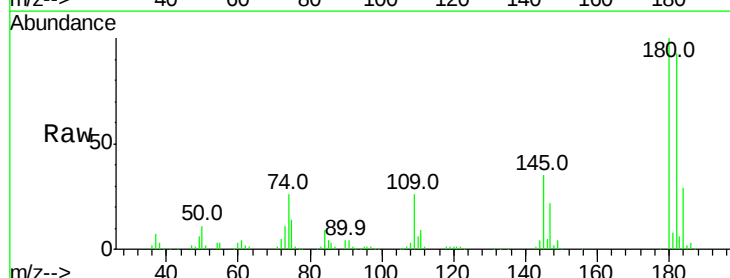
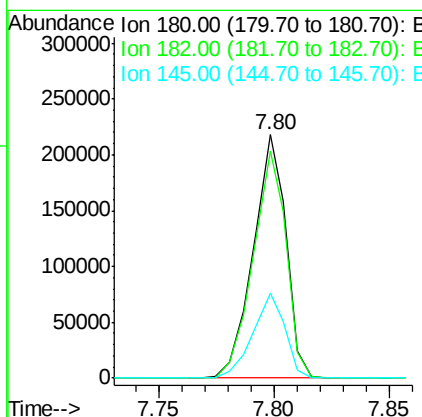
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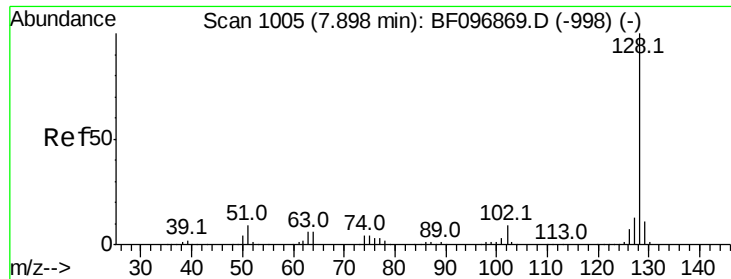
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.704 ng
 RT: 7.80 min Scan# 988
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	215331		
182	93.0		75.8	113.6
145	34.8		25.3	37.9





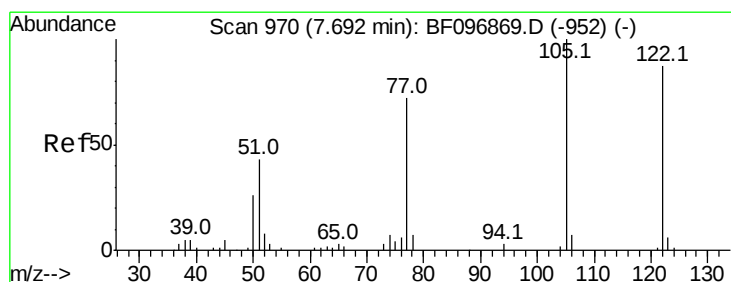
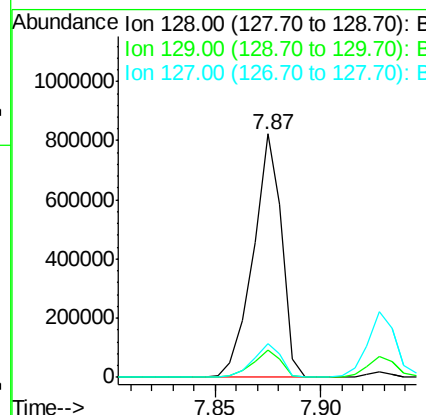
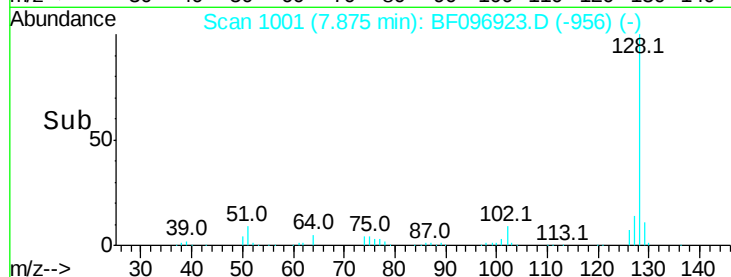
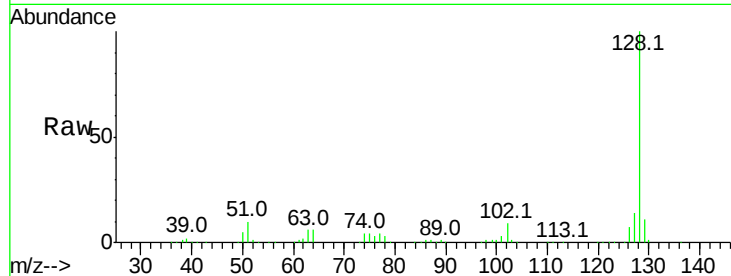
#31
Naphthalene
Concen: 42.310 ng
RT: 7.87 min Scan# 1001
Delta R.T. -0.04 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.8	10.8	16.2

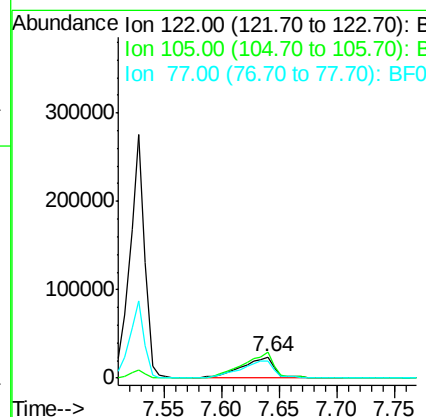
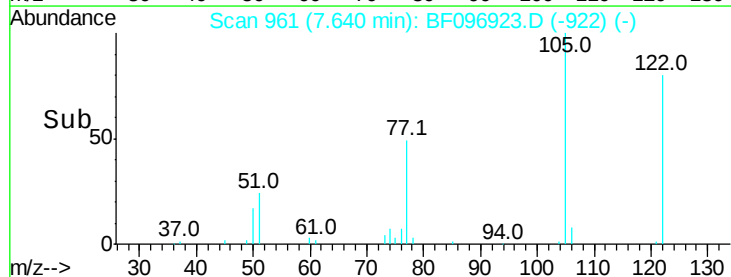
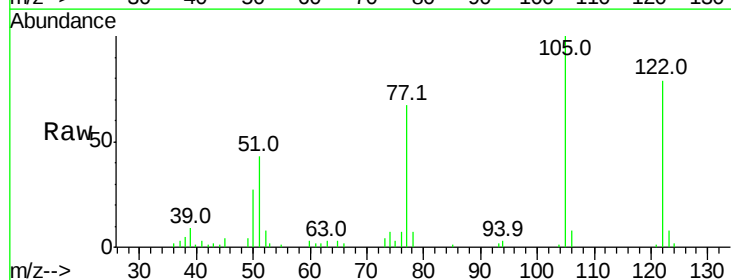
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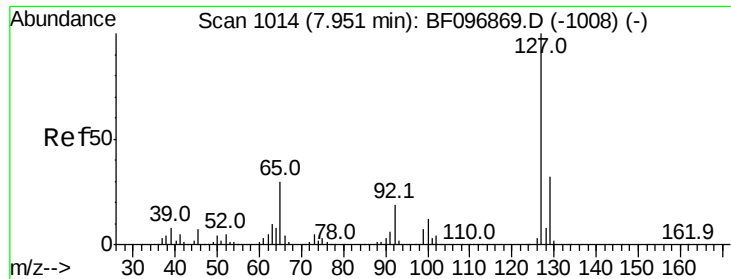
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#32
Benzoic acid
Concen: 12.333 ng
RT: 7.64 min Scan# 961
Delta R.T. -0.07 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.2	103.3	143.3
77	84.1	73.7	113.7





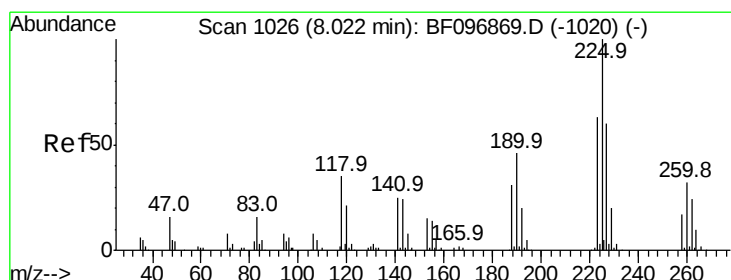
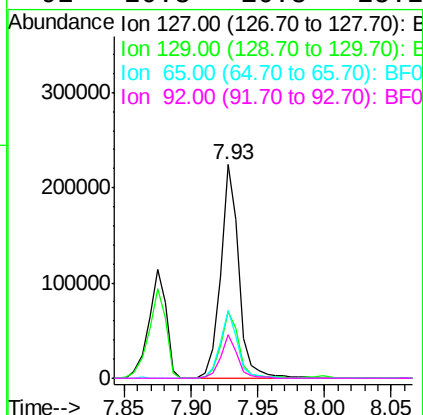
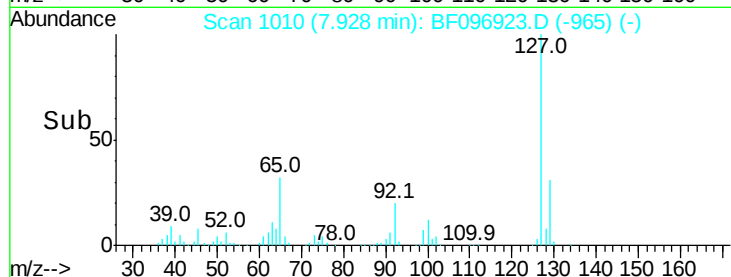
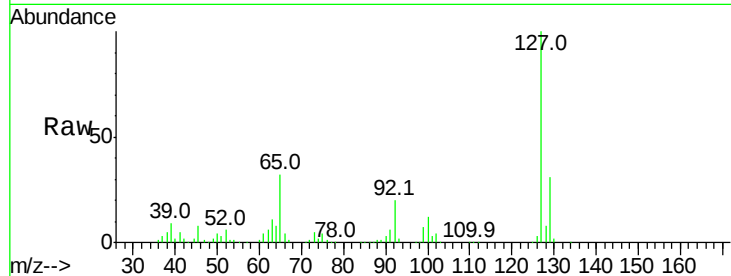
#33
4-Chloroaniline
Concen: 29.918 ng
RT: 7.93 min Scan# 1010
Delta R.T. -0.04 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.4	26.2	39.2	
65	31.8	27.8	41.8	
92	20.3	16.8	25.2	

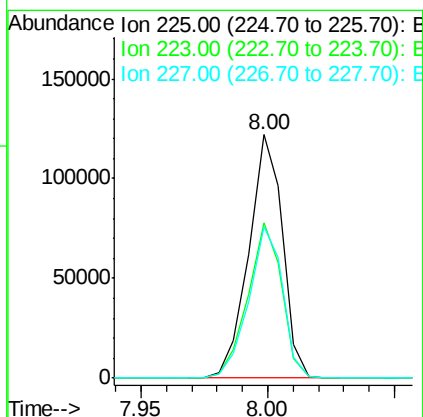
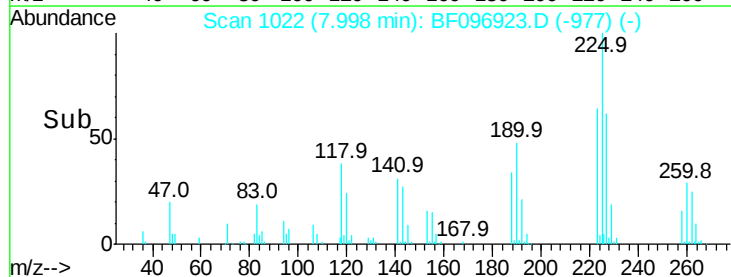
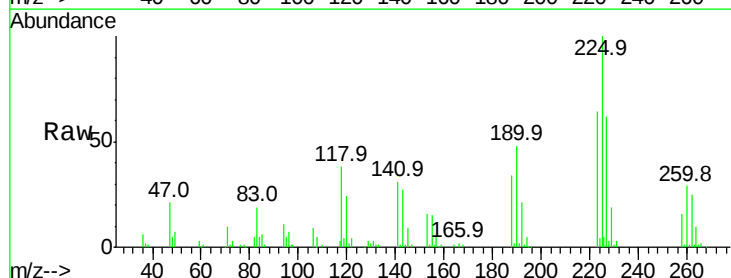
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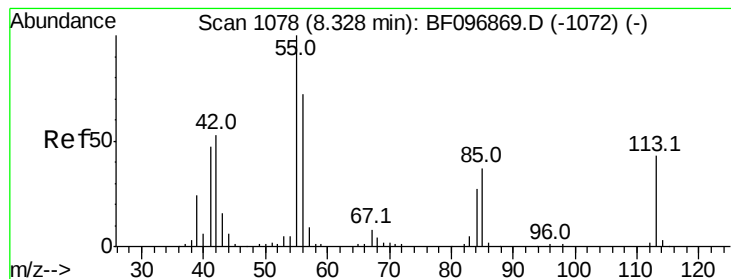
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#34
Hexachlorobutadiene
Concen: 41.926 ng
RT: 8.00 min Scan# 1022
Delta R.T. -0.04 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.5	48.8	73.2	
227	62.1	51.1	76.7	





#35

Caprolactam

Concen: 41.212 ng/ml

RT: 8.30 min Scan# 1074

Delta R.T. -0.04 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Instrument :

BNA_F

ClientSampleId :

SP-1-TP-1-2-3-COMPMSD

Tot Ion:113 Resp: 70032

Ion Ratio Lower Upper

113 100

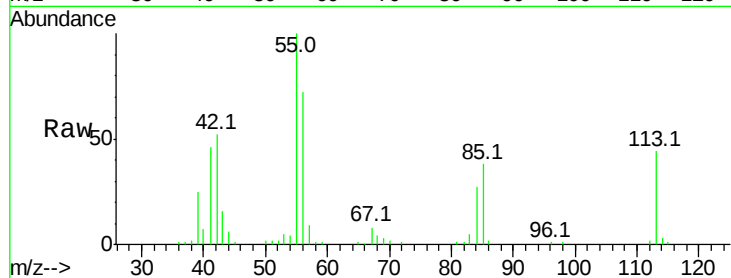
55 229.8 150.2 190.2#

56 165.5 107.8 147.8#

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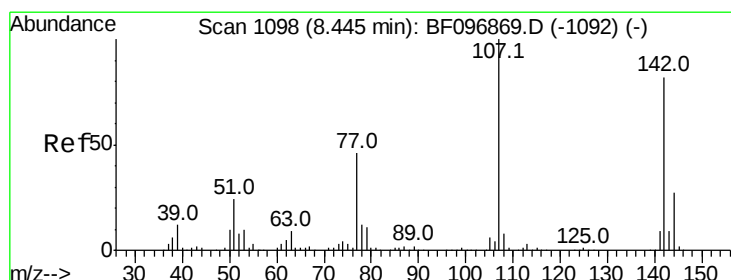
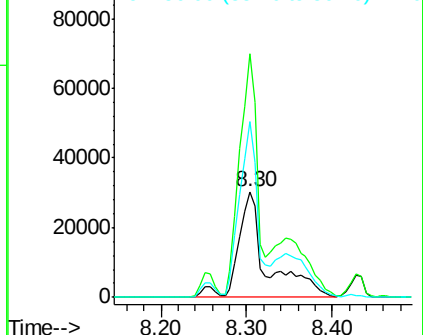
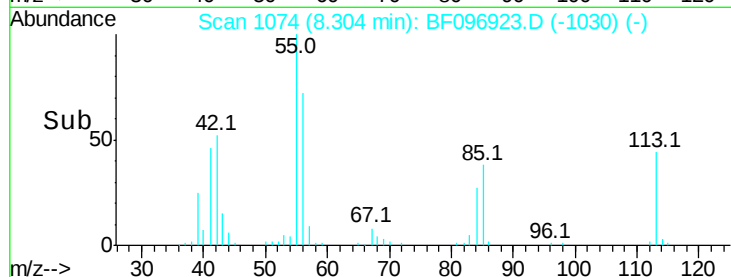
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.726 ng/ml

RT: 8.43 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

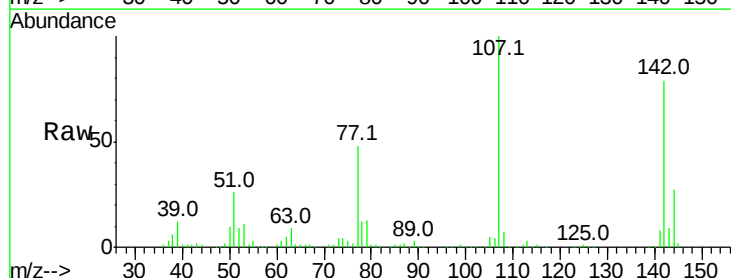
Tgt Ion:107 Resp: 232238

Ion Ratio Lower Upper

107 100

144 26.6 24.2 36.4

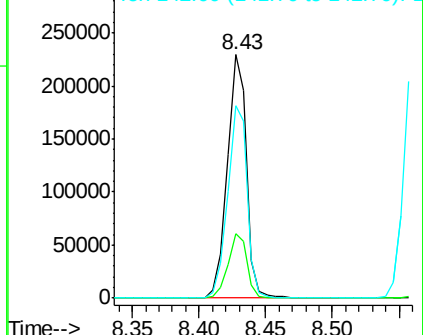
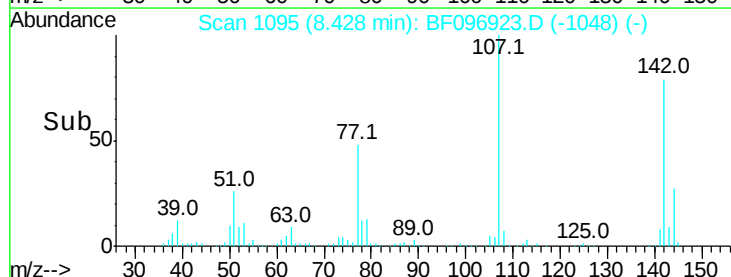
142 79.1 73.4 110.0

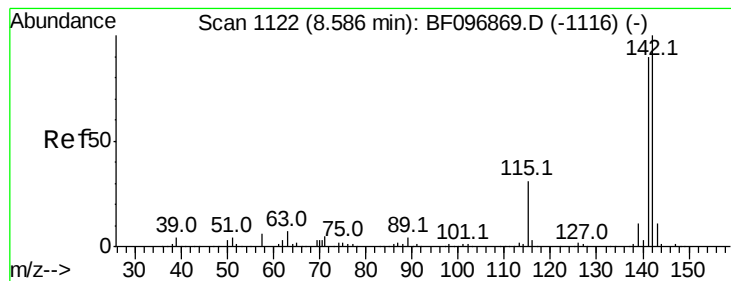


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





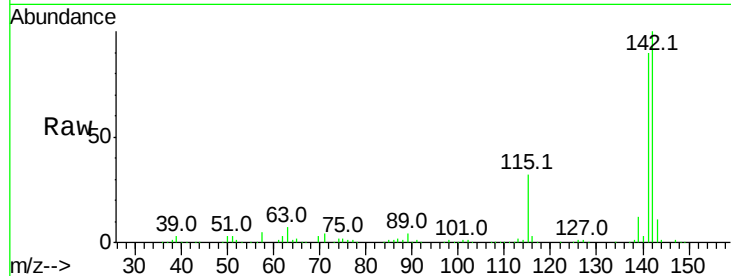
#37
2-Methylnaphthalene
Concen: 45.358 ng
RT: 8.57 min Scan# 1119
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

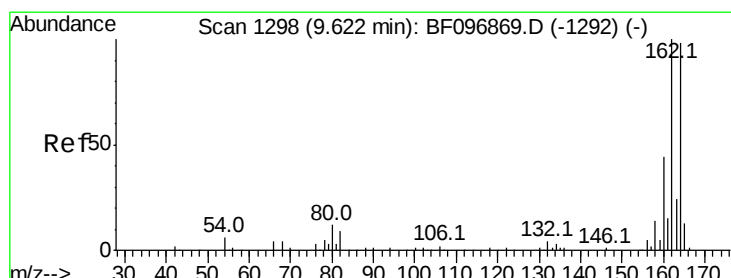
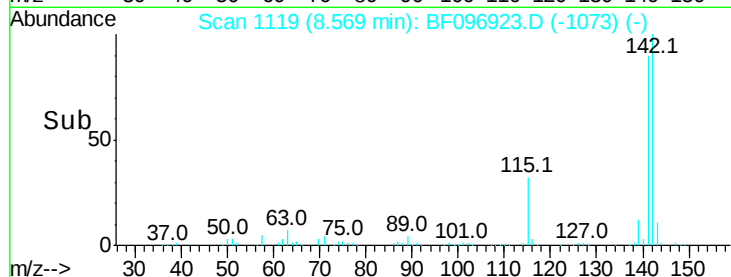
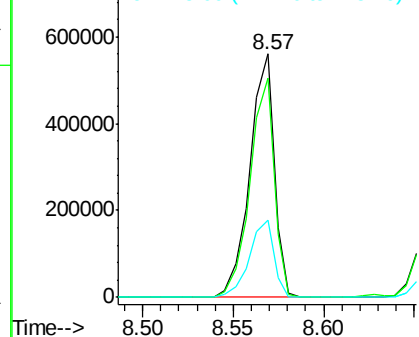
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.3	106.9
115	31.5	27.1	40.7

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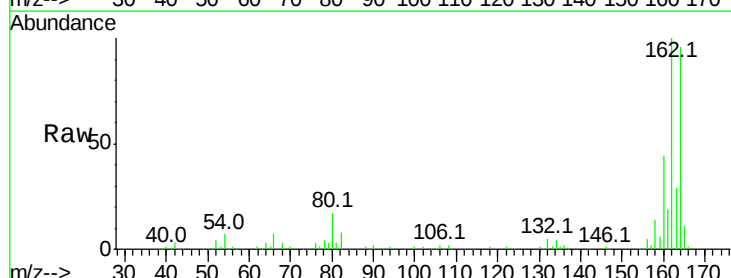


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

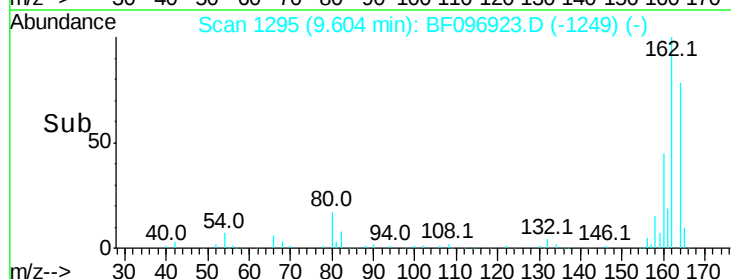
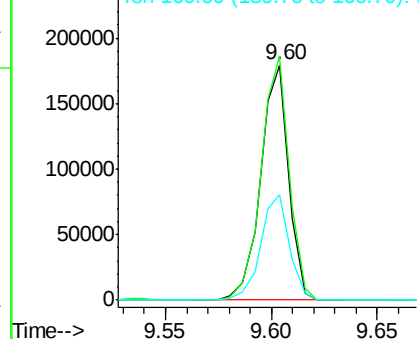


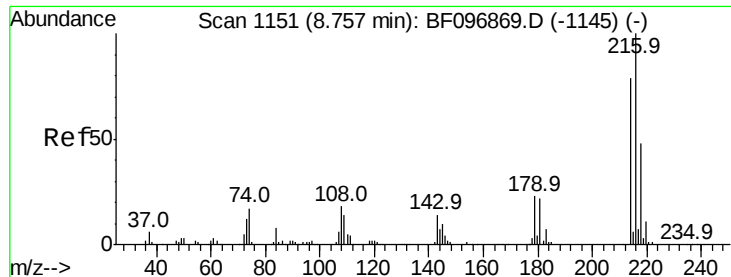
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.60 min Scan# 1295
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	45.2	36.2	54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.796 ng

RT: 8.74 min Scan# 1148

Delta R.T. -0.03 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Instrument :

BNA_F

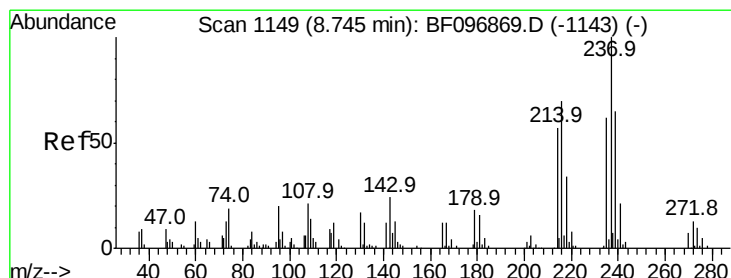
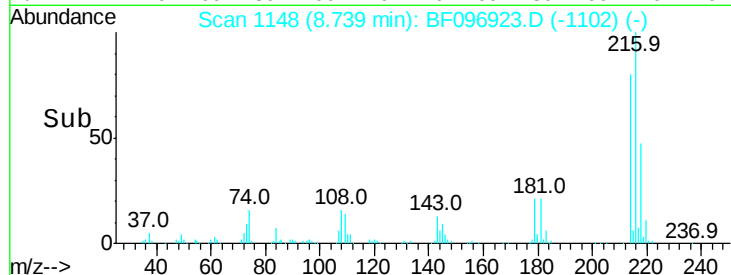
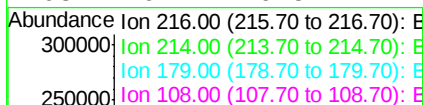
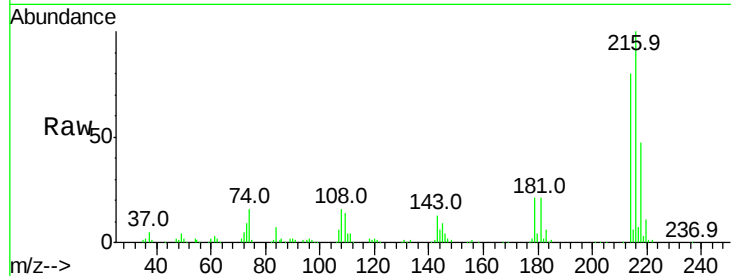
ClientSampleId :

SP-1-TP-1-2-3-COMPMSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.2	63.4	95.2
179	22.5	17.9	26.9
108	20.2	16.5	24.7

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#40

Hexachlorocyclopentadiene

Concen: 67.148 ng

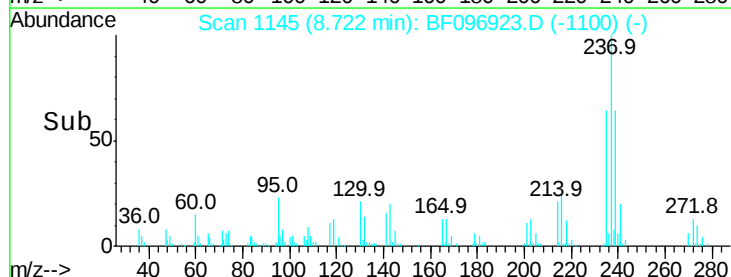
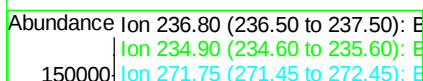
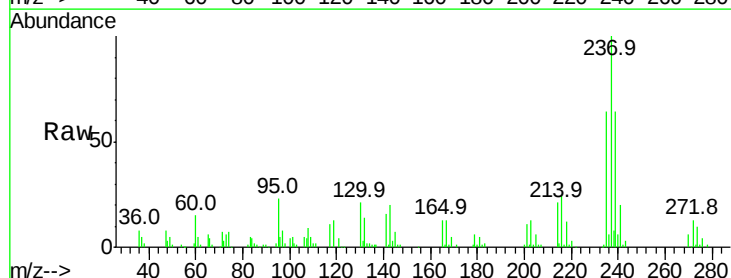
RT: 8.72 min Scan# 1145

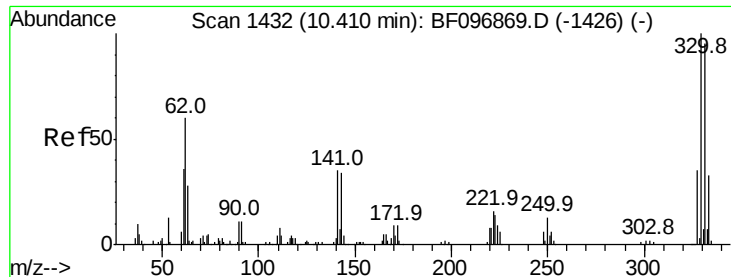
Delta R.T. -0.04 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.8	42.6	82.6
272	12.8	0.0	31.9





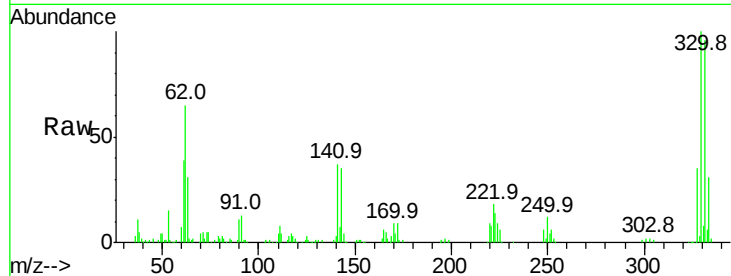
#41
 2,4,6-Tribromophenol
 Concen: 127.412 ng
 RT: 10.39 min Scan# 1429
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMPMSD

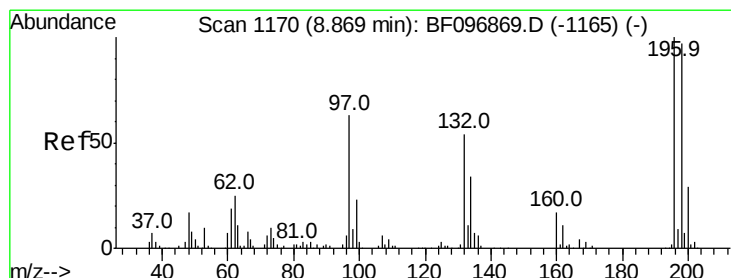
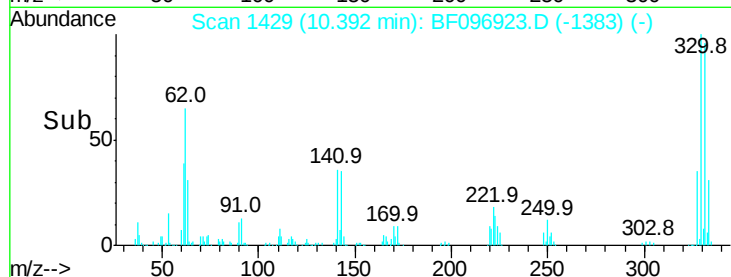
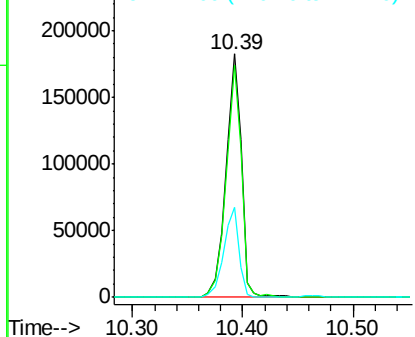
Tot Ion	Ratio	Resp	Lower	Upper
330	100	179780		
332	94.7	76.6	115.0	
141	36.4	31.4	47.2	

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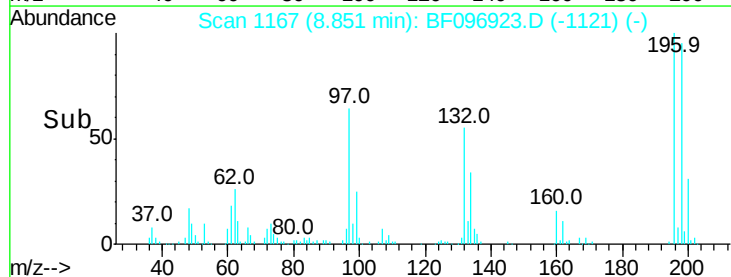
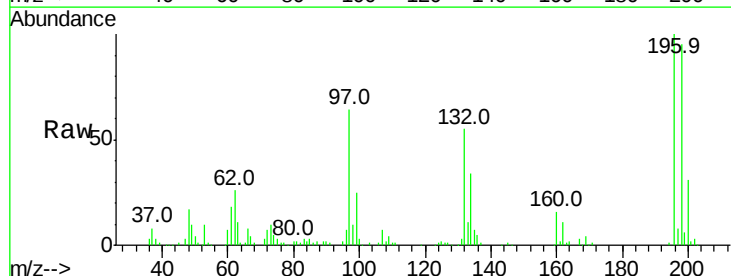
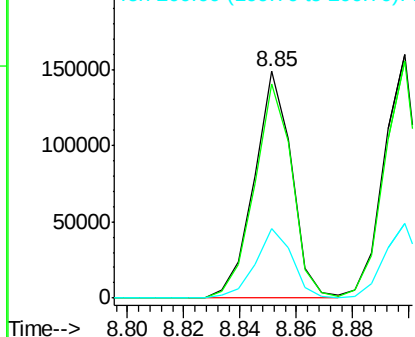
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

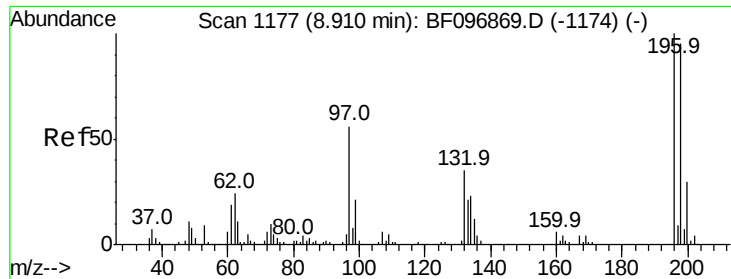


#42
 2,4,6-Trichlorophenol
 Concen: 41.409 ng
 RT: 8.85 min Scan# 1167
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	136489		
198	94.7	74.2	111.4	
200	30.7	24.0	36.0	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





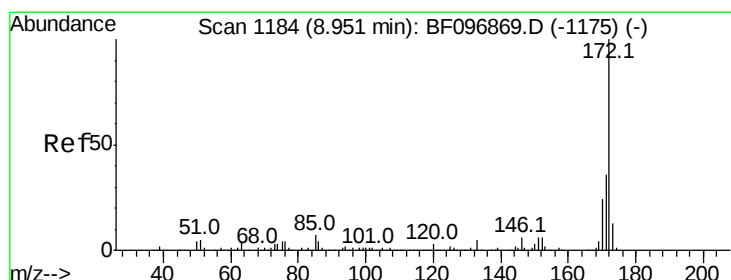
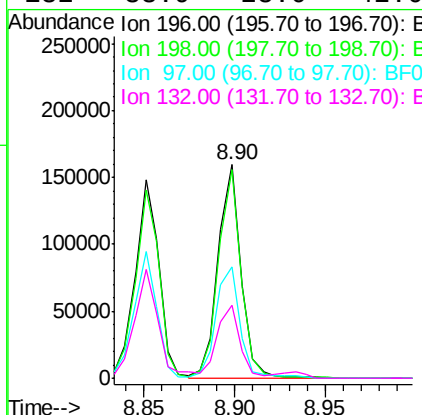
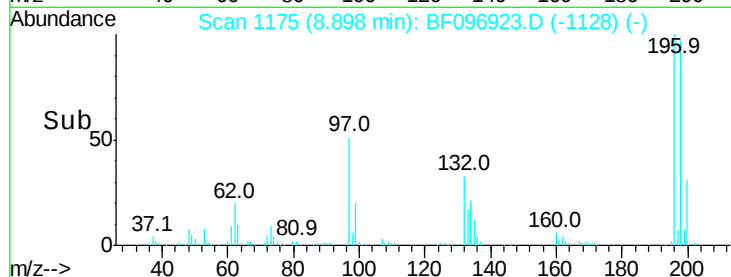
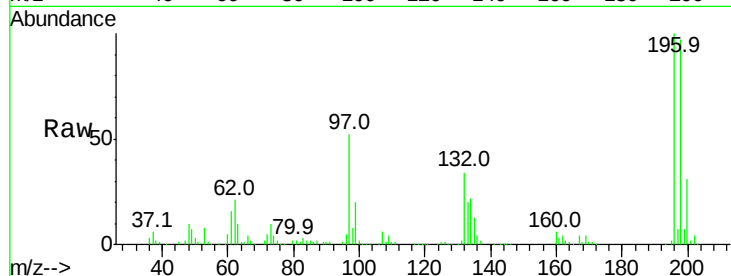
#43
 2,4,5-Trichlorophenol
 Concen: 41.934 ng
 RT: 8.90 min Scan# 1175
 Delta R.T. -0.02 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMPMSD

Tot Ion:	196	Resp:	139400
Ion Ratio	Lower	Upper	
196	100		
198	97.4	75.7	113.5
97	52.1	47.7	71.5
132	33.9	28.0	42.0

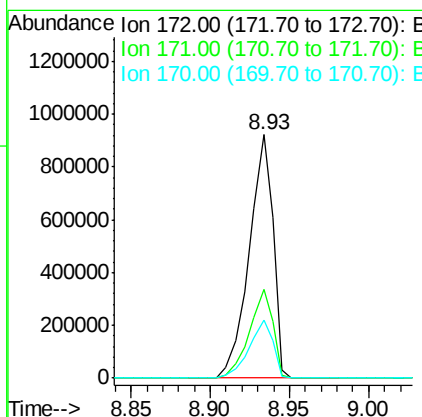
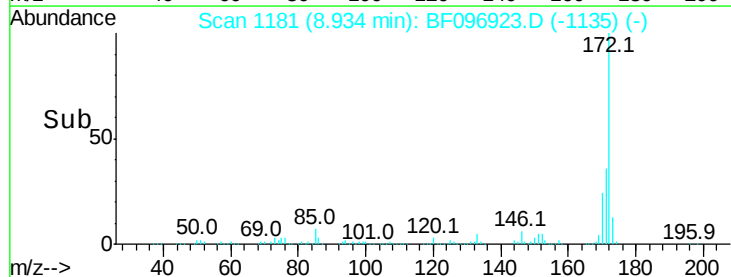
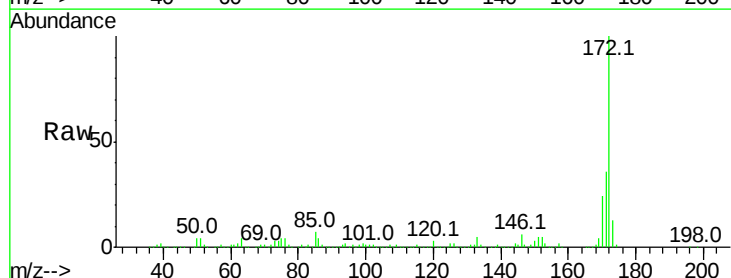
Manual Integrations
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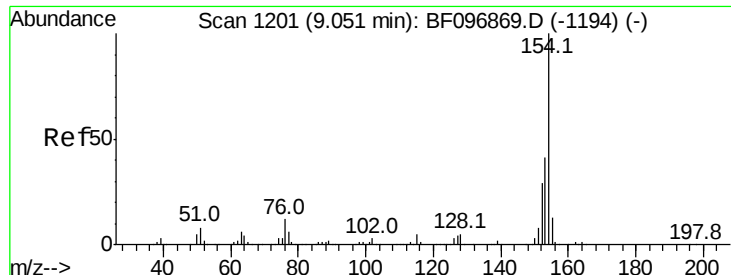
Sohil
 7/21/2017 1:05:59 PM



#44
 2-Fluorobiphenyl
 Concen: 91.714 ng
 RT: 8.93 min Scan# 1181
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Tgt Ion:	172	Resp:	959587
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.6	44.4
170	23.6	19.8	29.8





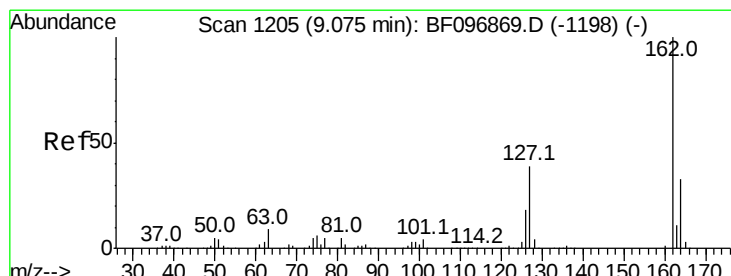
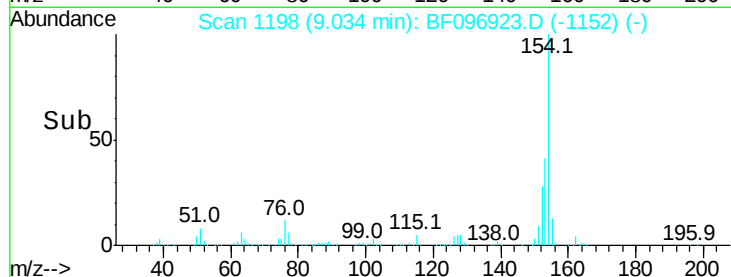
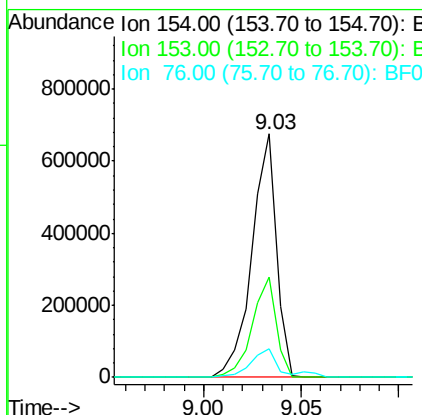
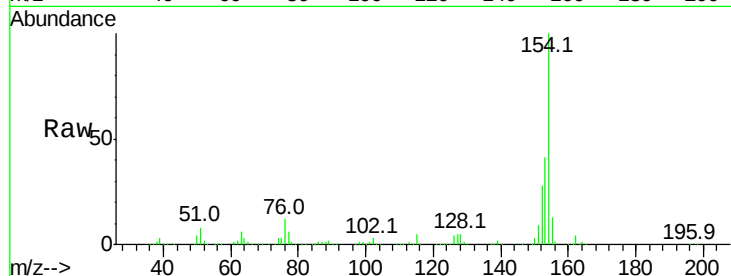
#45
 1,1'-Biphenyl
 Concen: 41.735 ng
 RT: 9.03 min Scan# 1198
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.2	21.2	61.2	
76	11.6	0.0	29.9	

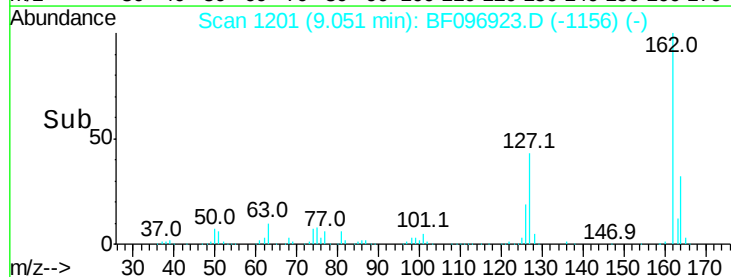
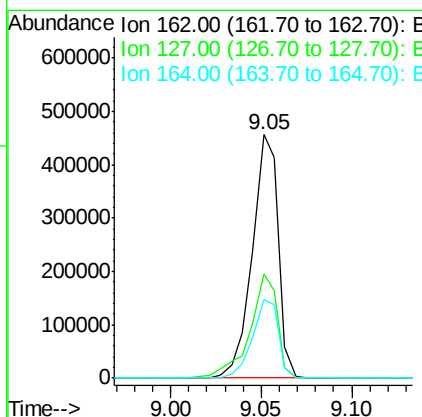
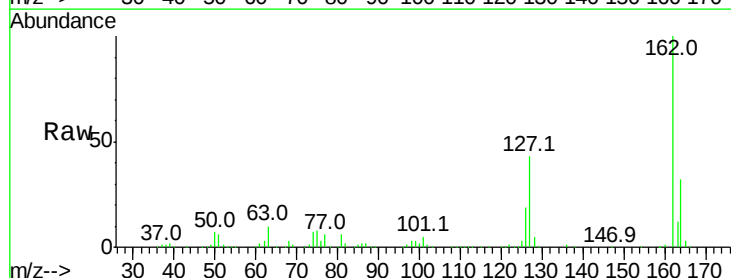
Manual Integrations
 APPROVED

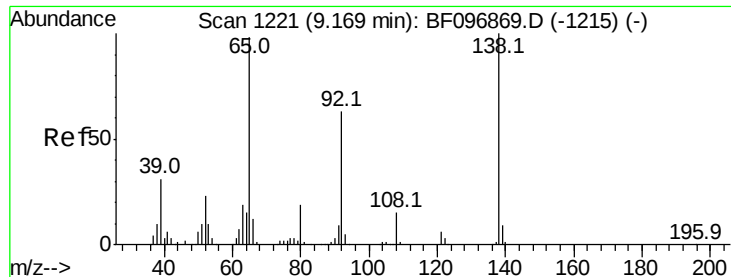
Sohil
 7/21/2017 1:05:59 PM



#46
 2-Chloronaphthalene
 Concen: 43.375 ng
 RT: 9.05 min Scan# 1201
 Delta R.T. -0.04 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.6	28.3	42.5#	
164	32.2	27.0	40.4	





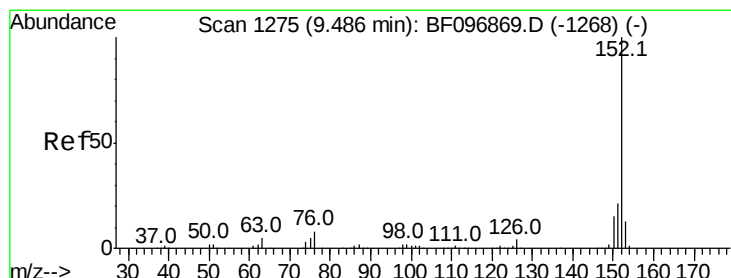
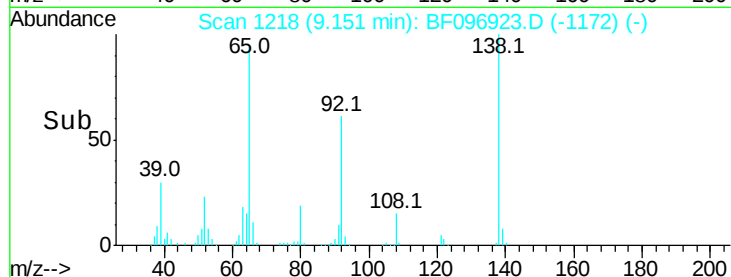
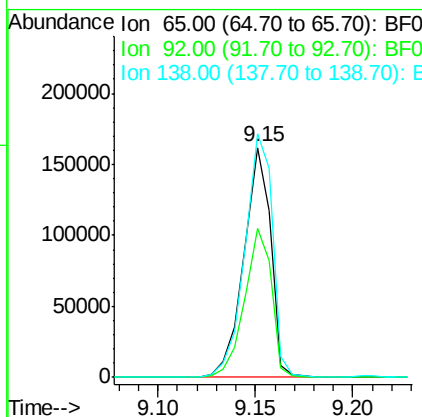
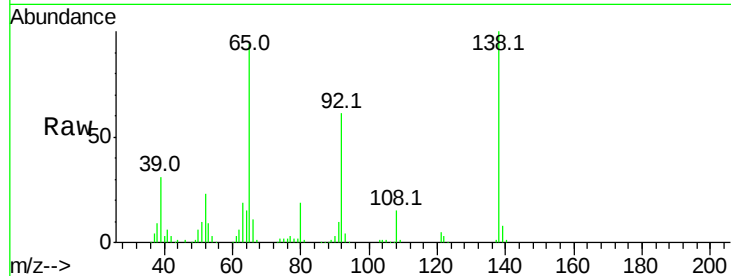
#47
2-Nitroaniline
Concen: 42.918 ng
RT: 9.15 min Scan# 1218
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.7	53.9	80.9
138	106.0	78.8	118.2

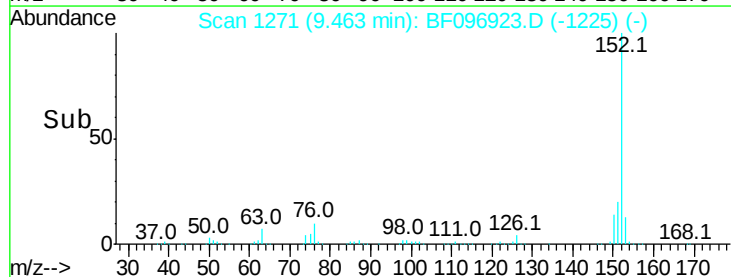
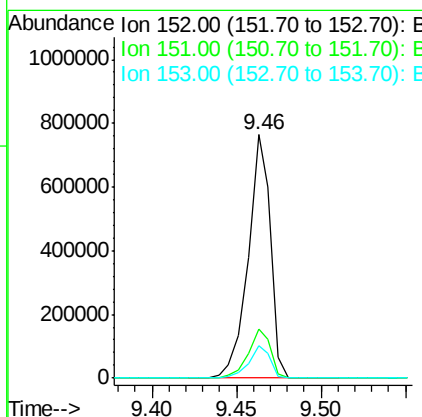
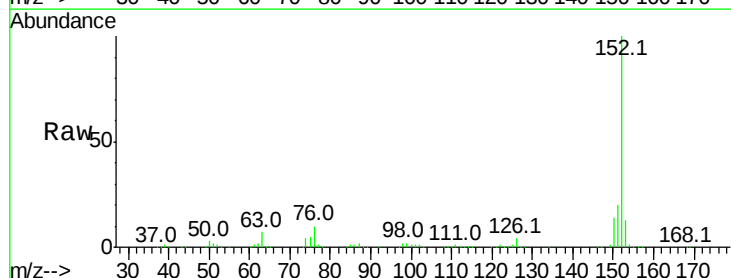
Manual Integrations
APPROVED

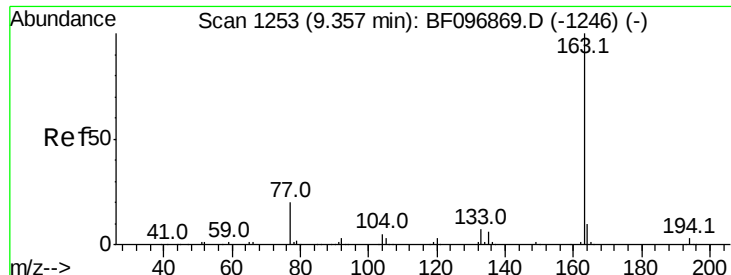
Sohil
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#48
Acenaphthylene
Concen: 42.470 ng
RT: 9.46 min Scan# 1271
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	13.3	10.8	16.2





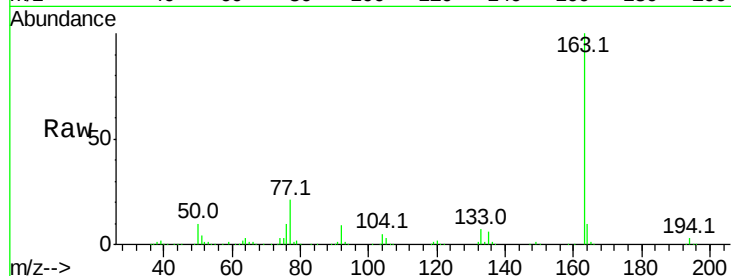
#49
Dimethylphthalate
Concen: 50.002 ng
RT: 9.34 min Scan# 1250
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

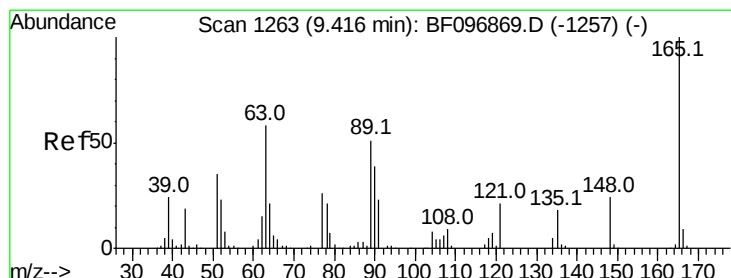
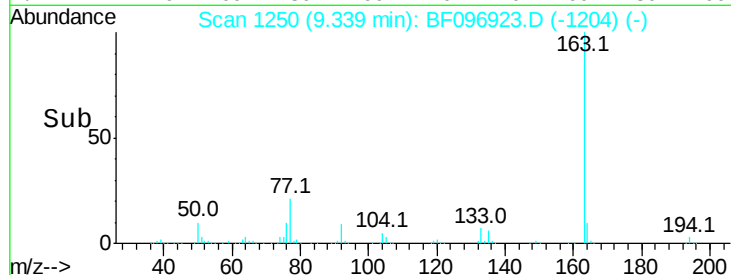
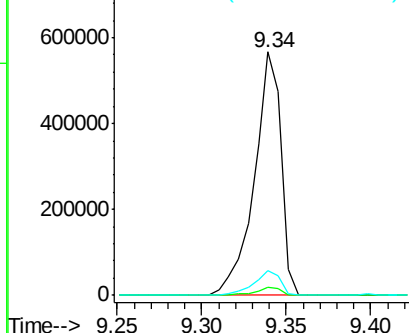
Tot Ion	Ratio	Resp	Lower	Upper
163	100	622364		
194	3.1		2.6	4.0
164	10.0		8.4	12.6

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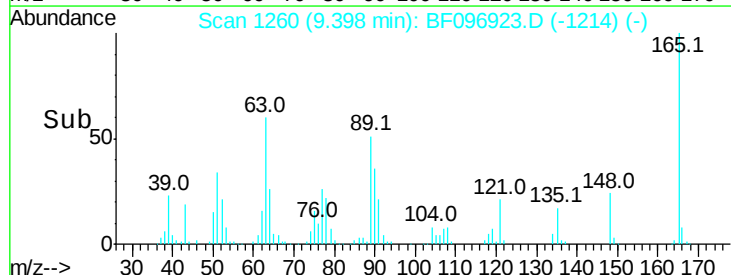
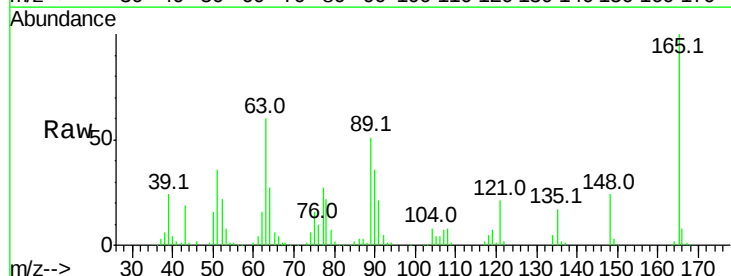
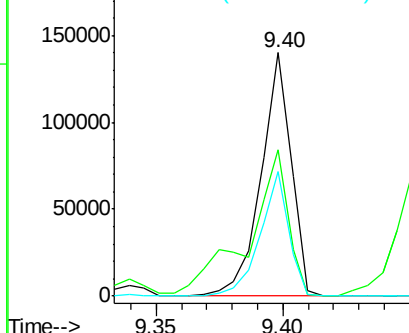
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

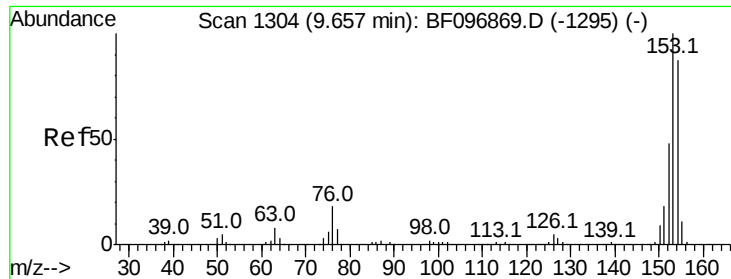


#50
2,6-Dinitrotoluene
Concen: 43.131 ng
RT: 9.40 min Scan# 1260
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	116281		
63	60.3		34.3	51.5#
89	51.1		37.1	55.7

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





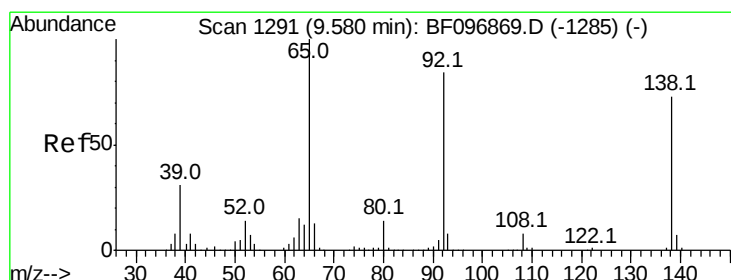
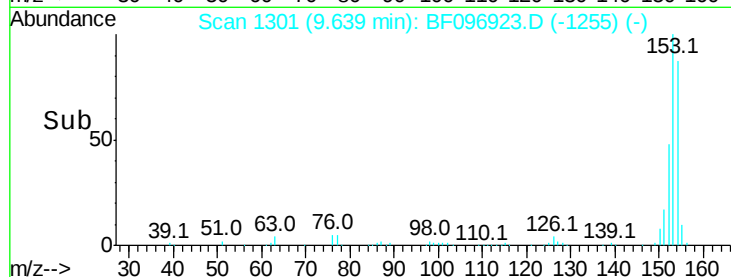
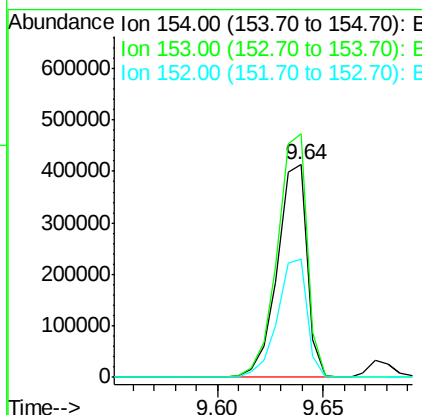
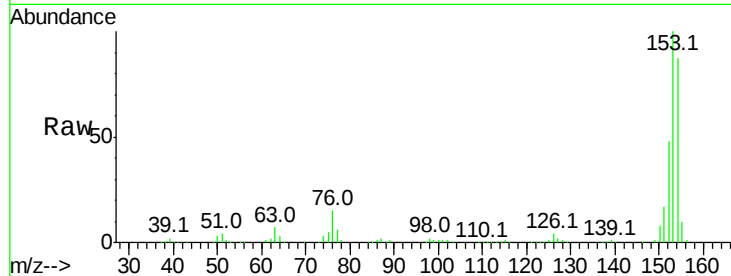
#51
Acenaphthene
Concen: 41.445 ng
RT: 9.64 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.4	90.5	135.7
152	55.2	43.6	65.4

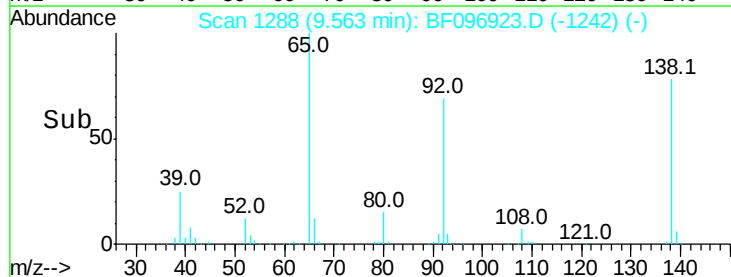
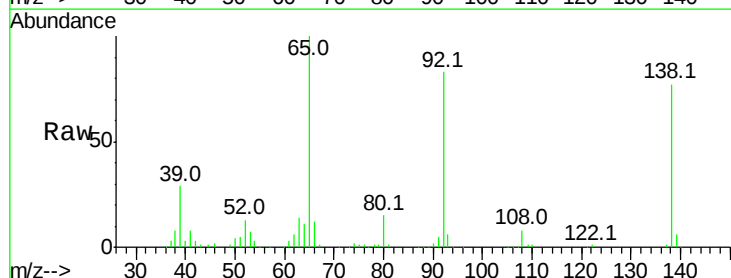
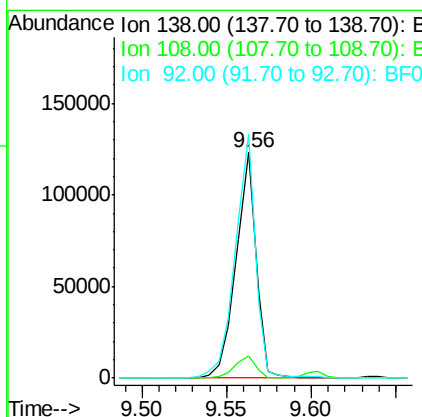
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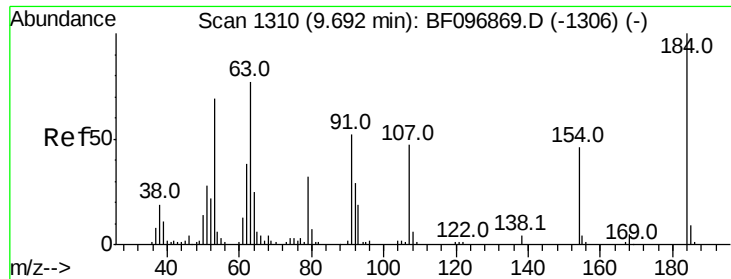
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#52
3-Nitroaniline
Concen: 31.989 ng
RT: 9.56 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.1	9.1	13.7
92	108.0	93.8	140.6





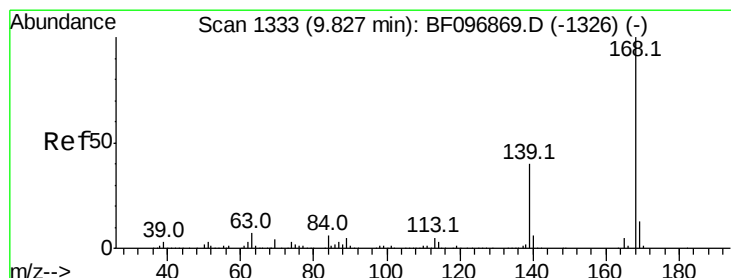
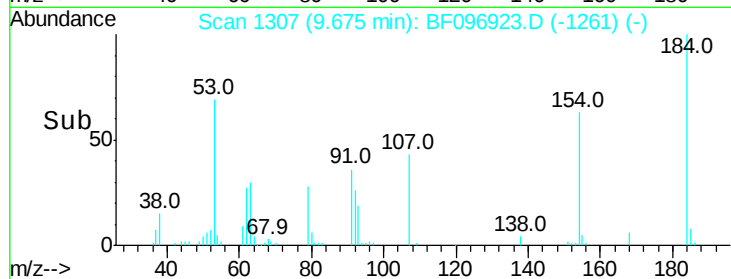
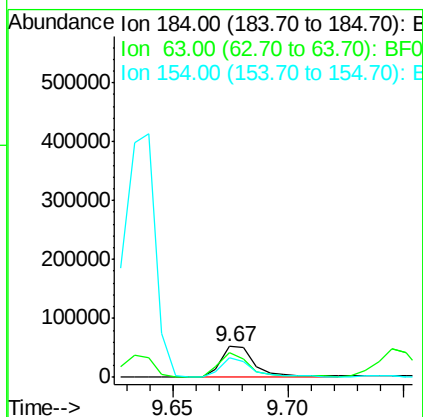
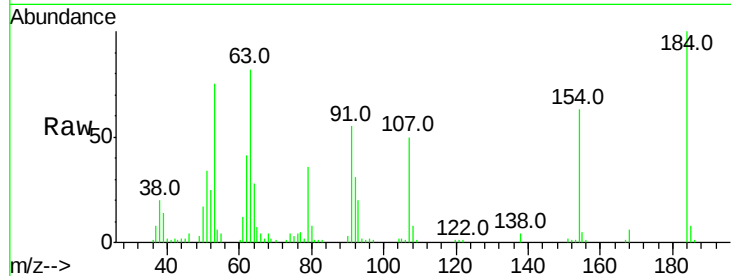
#53
 2,4-Dinitrophenol
 Concen: 44.581 ng
 RT: 9.67 min Scan# 1307
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	55161		
63	82.2	62.7	94.1	
154	62.6	81.1	121.7	

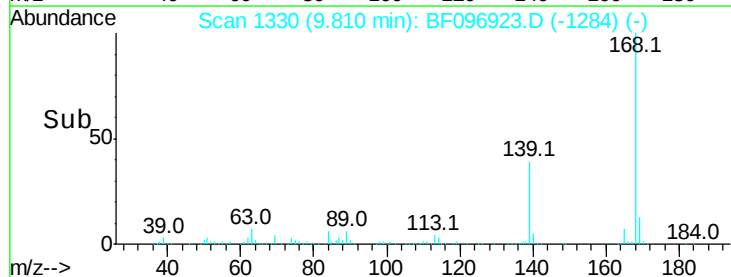
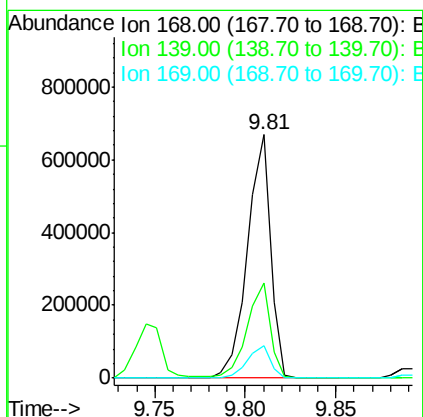
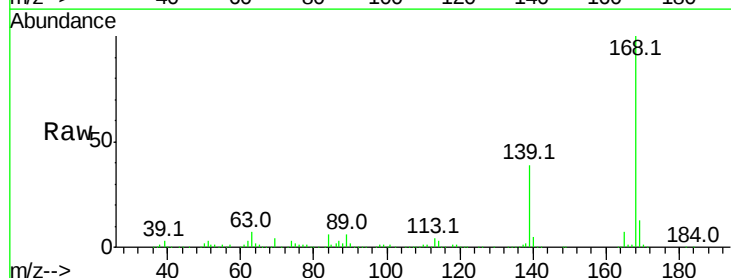
Manual Integrations
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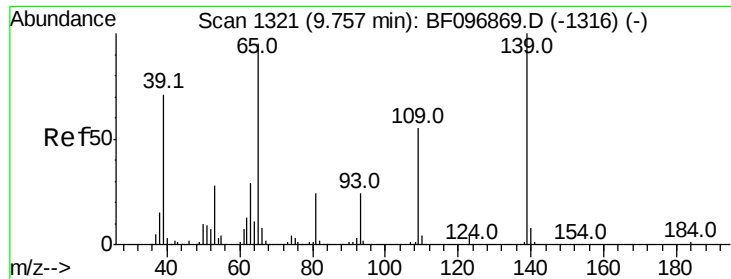
Sohil
 7/21/2017 1:05:59 PM



#54
 Dibenzofuran
 Concen: 43.294 ng
 RT: 9.81 min Scan# 1330
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	596138		
139	38.9	30.6	45.8	
169	13.1	10.8	16.2	





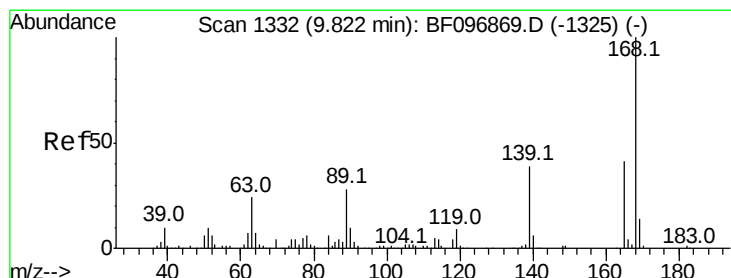
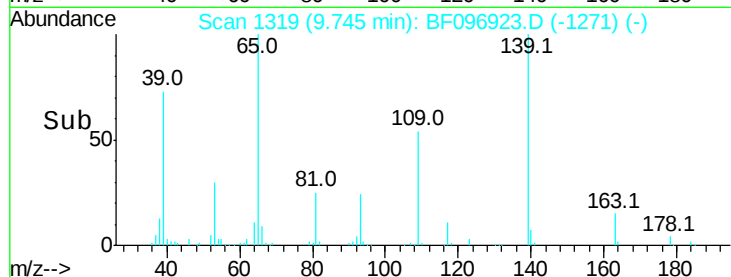
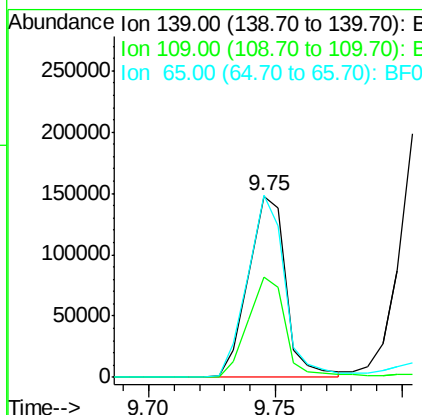
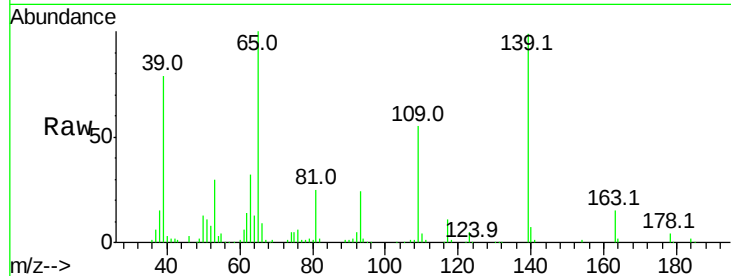
#55
4-Nitrophenol
Concen: 65.658 ng
RT: 9.75 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	55.3	34.1	74.1
65	100.9	31.4	71.4#

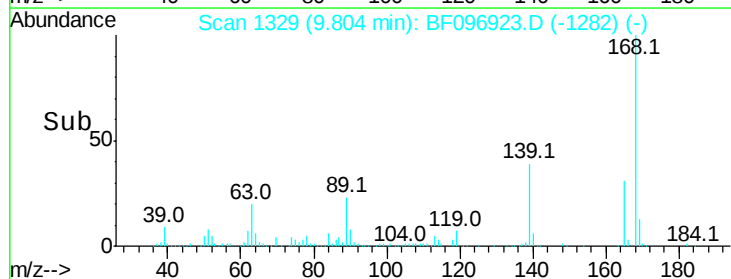
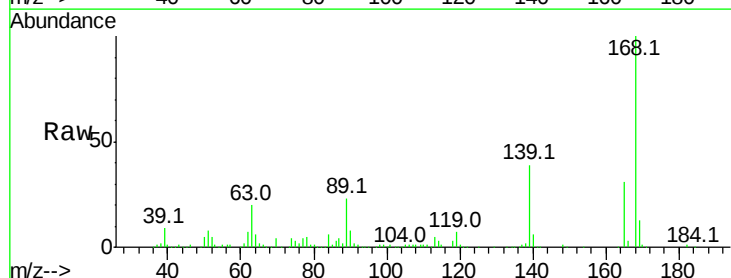
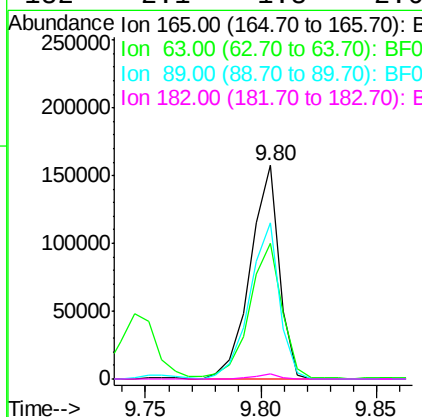
Manual Integrations
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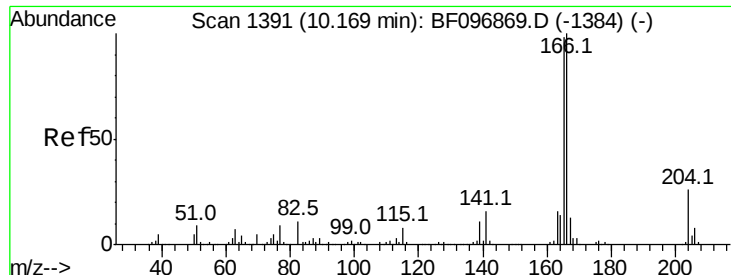
Sohil
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#56
2,4-Dinitrotoluene
Concen: 39.946 ng
RT: 9.80 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	63.8	25.4	38.0#
89	72.8	46.4	69.6#
182	2.1	1.8	2.6





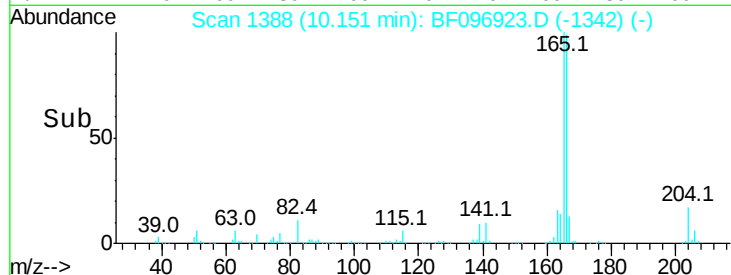
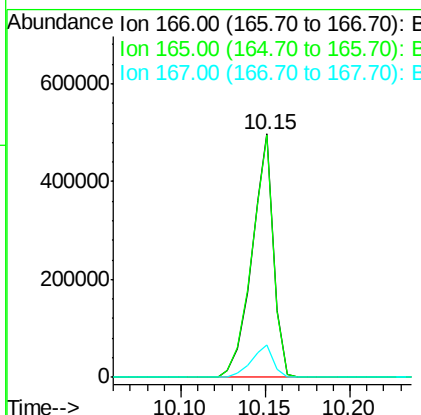
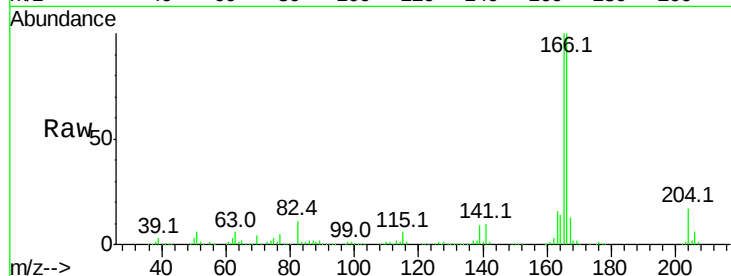
#57
Fluorene
 Concen: 43.397 ng
 RT: 10.15 min Scan# 1388
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.5	78.8	118.2	
167	13.1	10.6	16.0	

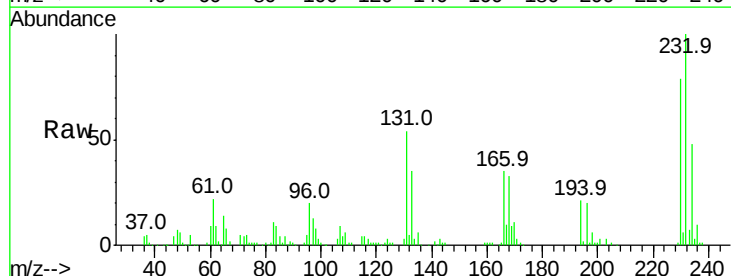
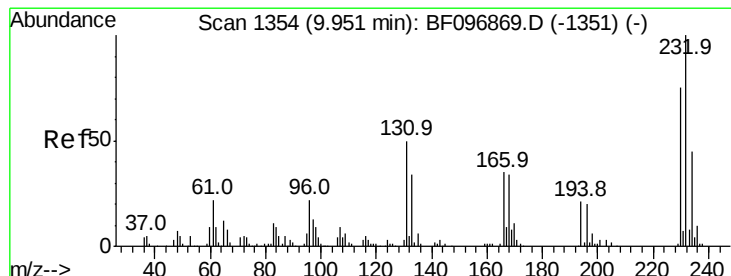
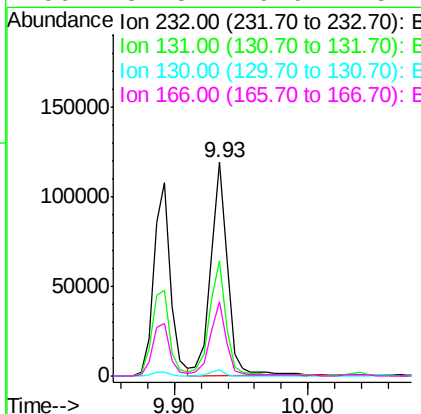
Manual Integrations
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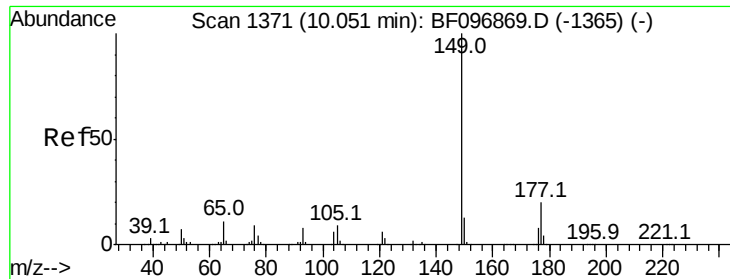
Sohil
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 45.977 ng
 RT: 9.93 min Scan# 1351
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	53.4	44.8	67.2	
130	2.5	2.3	3.5	
166	34.8	29.0	43.4	





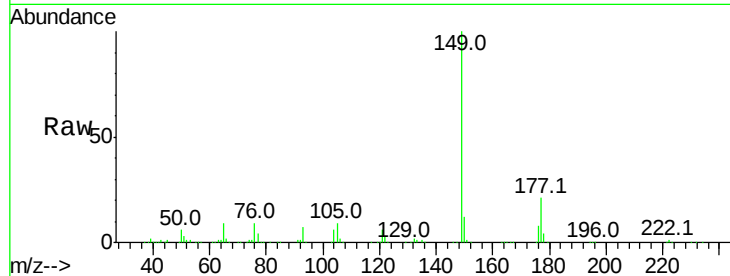
#59
Diethylphthalate
Concen: 41.900 ng
RT: 10.04 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

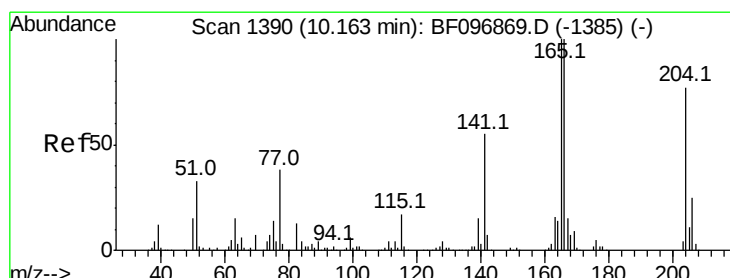
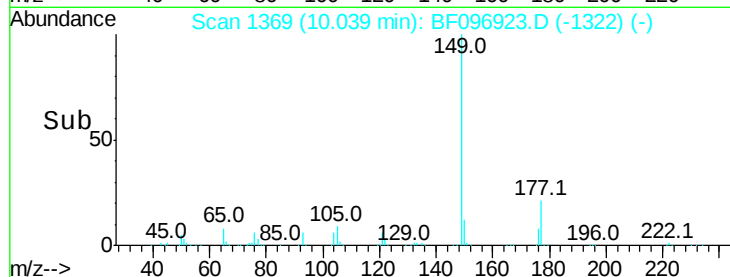
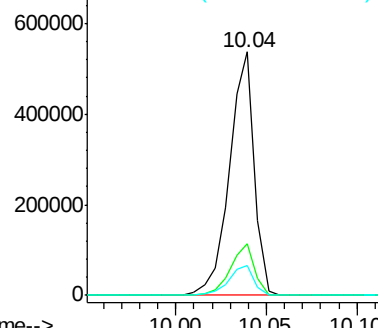
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.7	25.1
150	12.4	10.2	15.2

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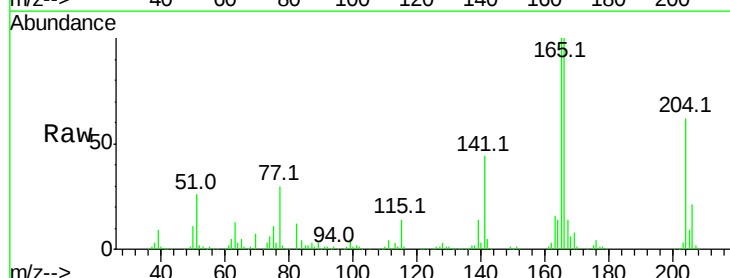


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

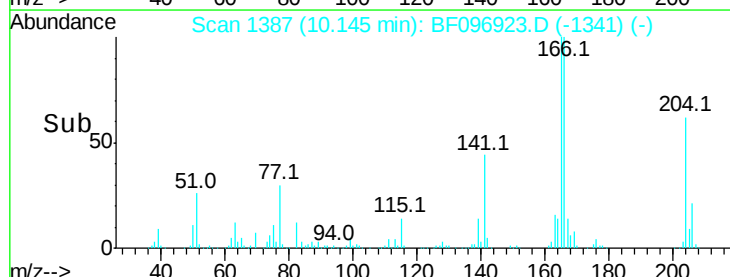
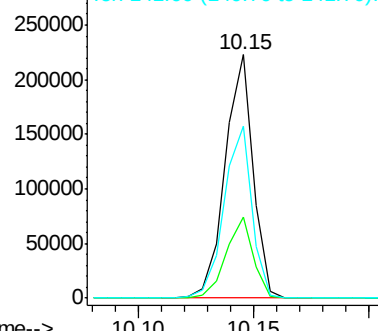


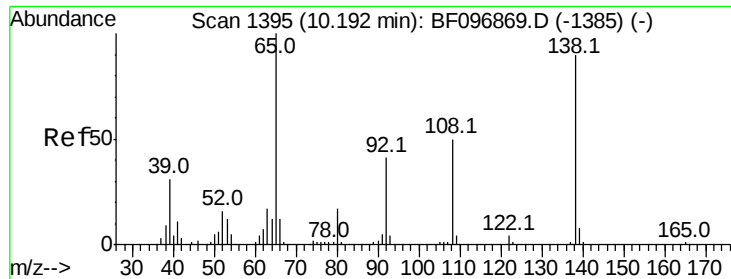
#60
4-Chlorophenyl-phenylether
Concen: 44.797 ng
RT: 10.15 min Scan# 1387
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.2	39.2
141	70.6	60.8	91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





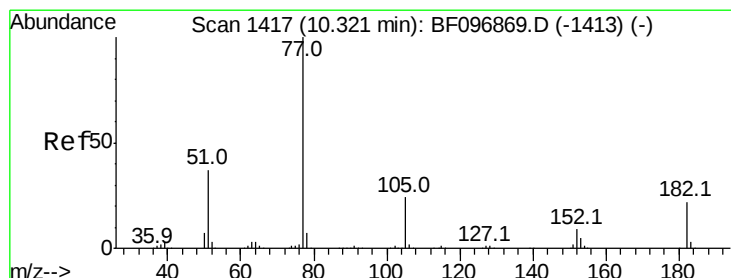
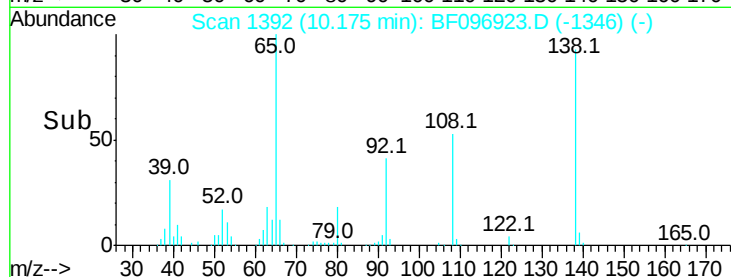
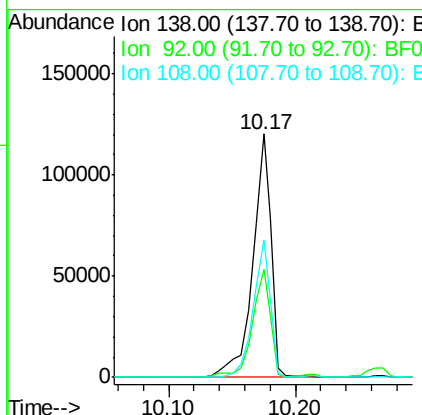
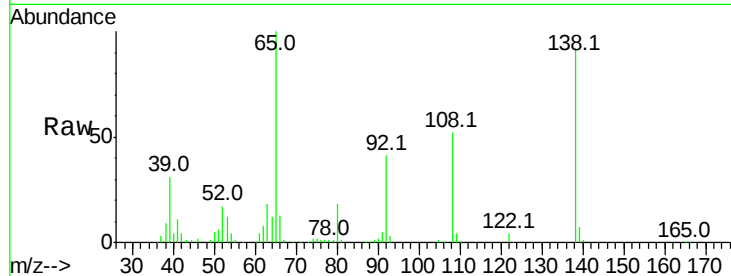
#61
4-Nitroaniline
Concen: 40.937 ng
RT: 10.17 min Scan# 1392
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.1	21.8	61.8
108	56.7	42.3	82.3

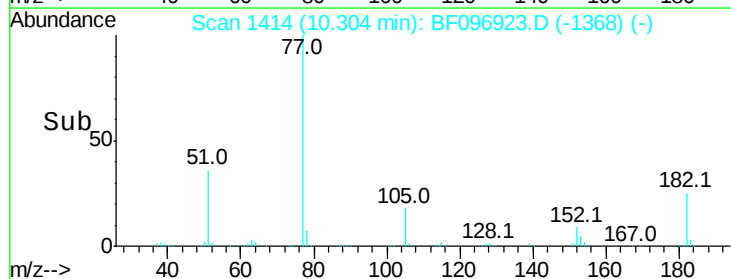
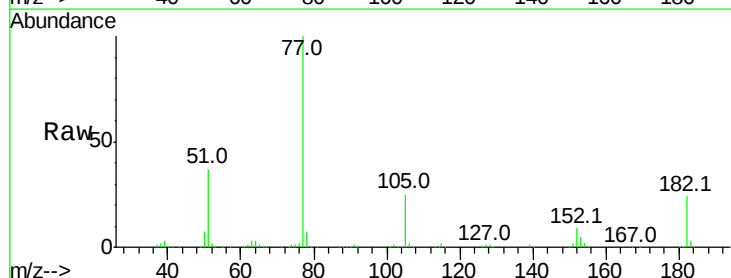
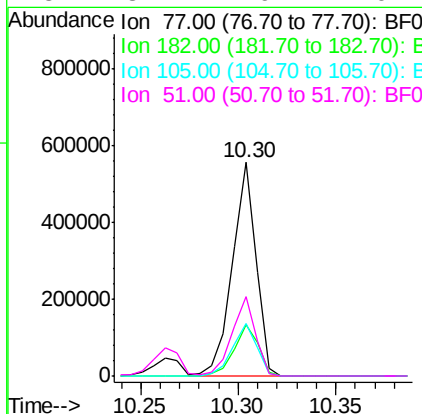
Manual Integrations
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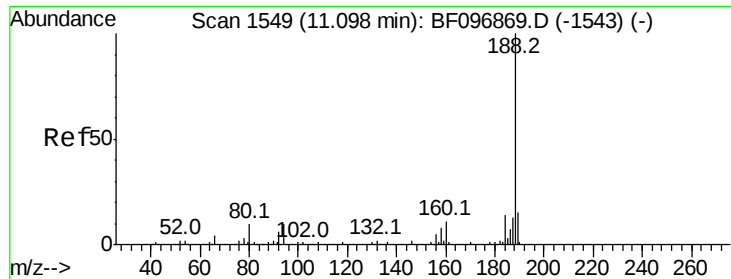
Sohil
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#62
Azobenzene
Concen: 43.868 ng
RT: 10.30 min Scan# 1414
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.7	0.1	40.1
105	24.7	3.6	43.6
51	37.1	9.4	49.4





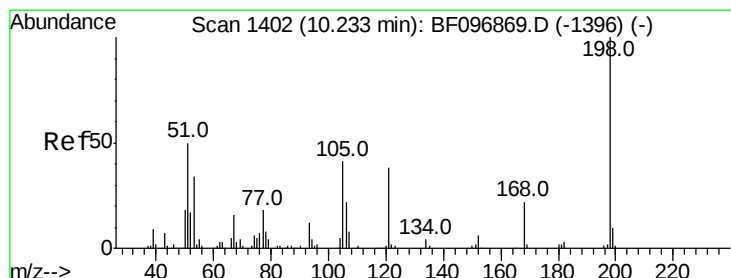
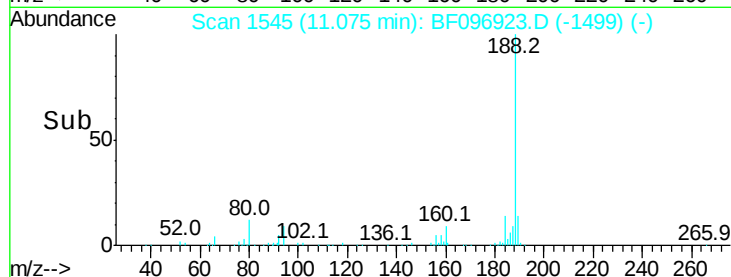
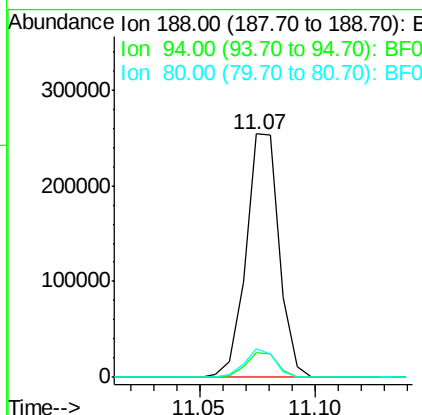
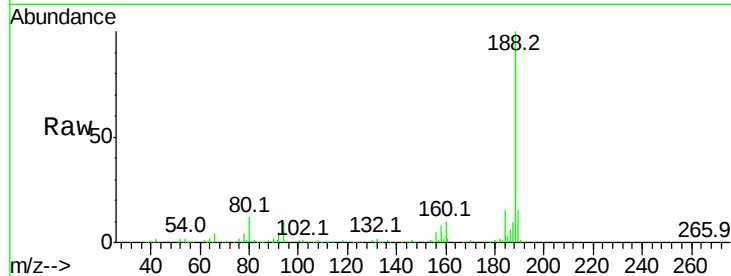
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.07 min Scan# 1545
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	254494		
94	10.2		9.4	14.2
80	11.7		10.2	15.2

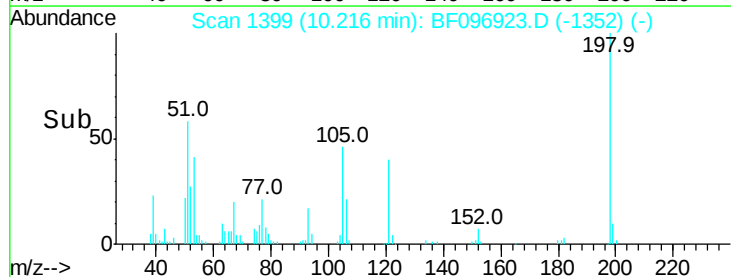
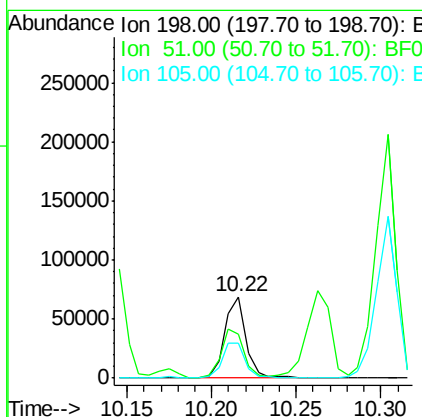
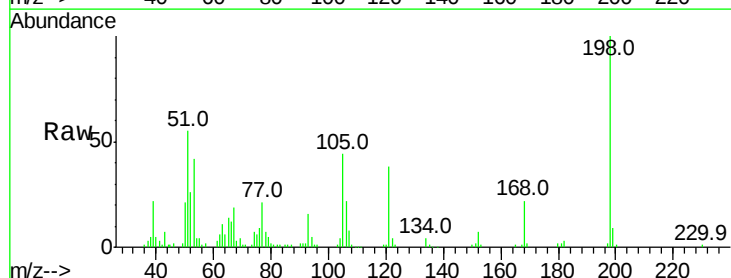
Manual Integrations
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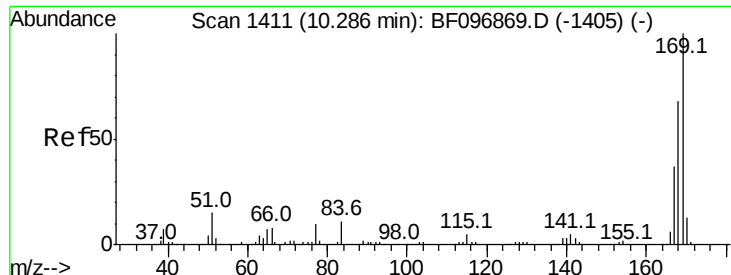
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 37.735 ng
RT: 10.22 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	60295		
51	55.0		53.2	93.2
105	43.9		45.8	85.8#





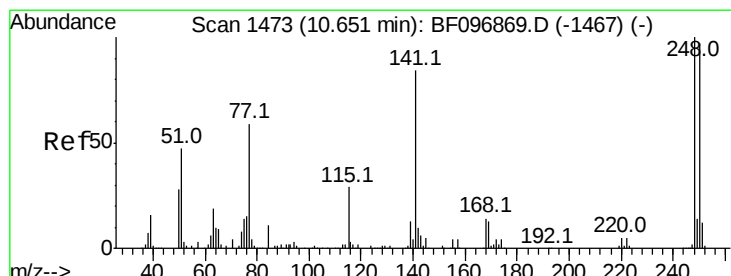
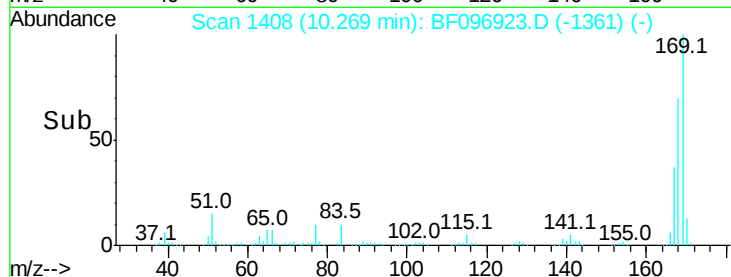
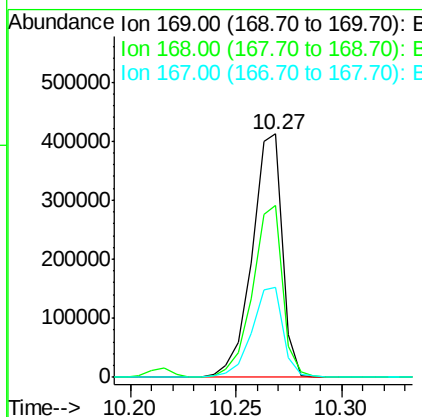
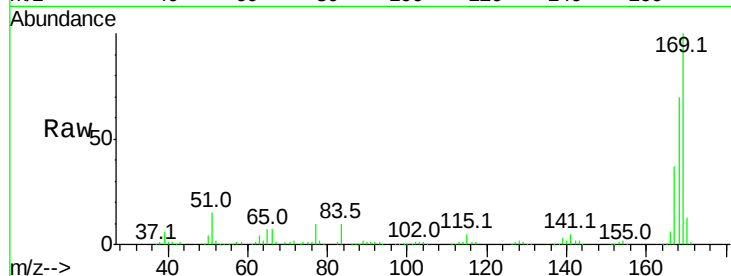
#65
n-Nitrosodiphenylamine
Concen: 45.407 ng
RT: 10.27 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	70.4	53.2	79.8
167	36.9	29.5	44.3

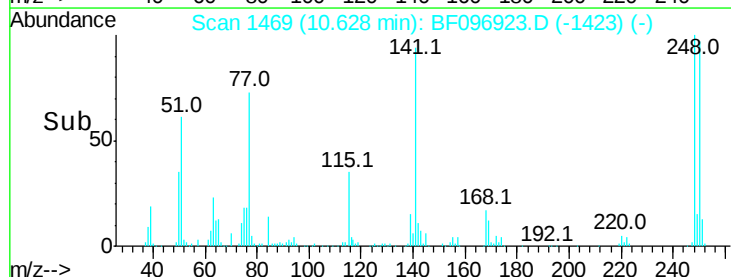
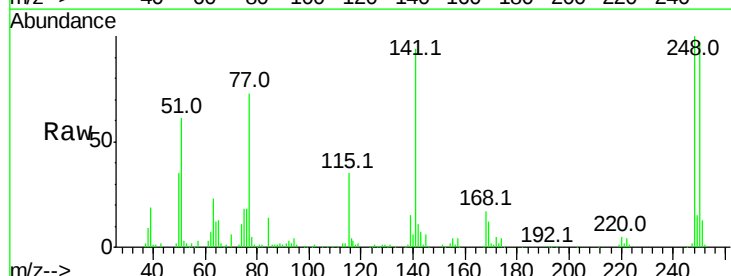
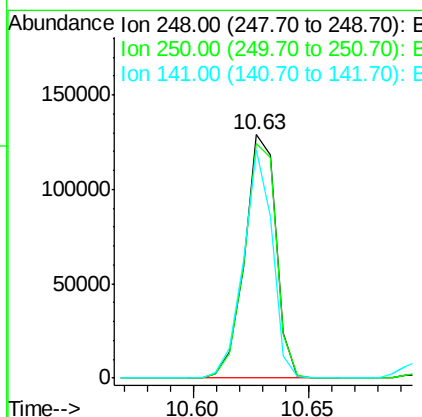
Manual Integrations
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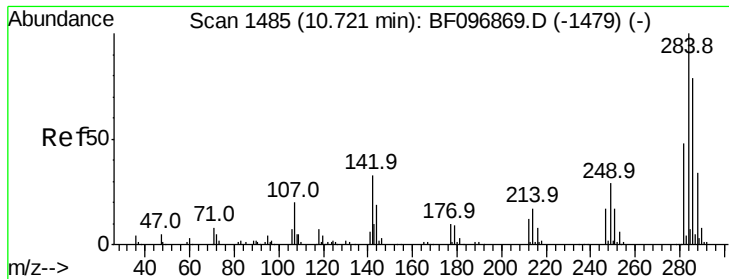
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 47.120 ng
RT: 10.63 min Scan# 1469
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.6	76.8	115.2
141	93.8	68.6	103.0





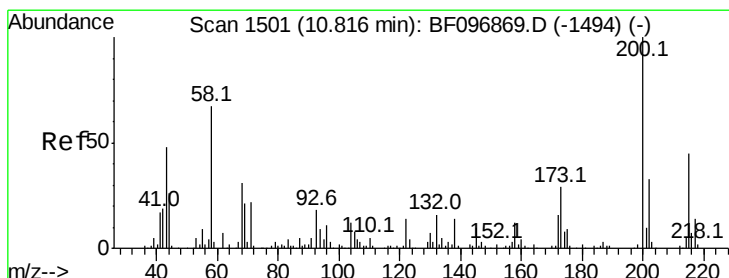
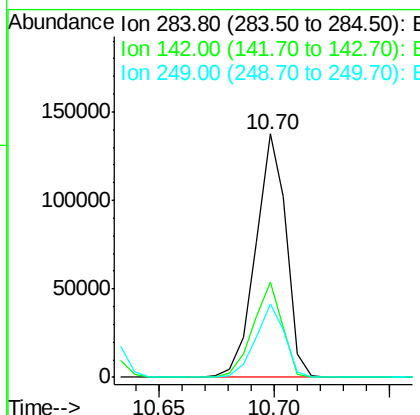
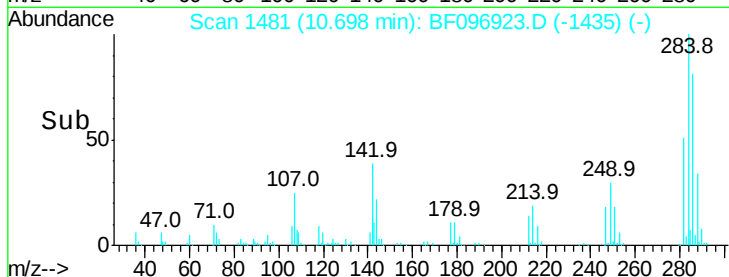
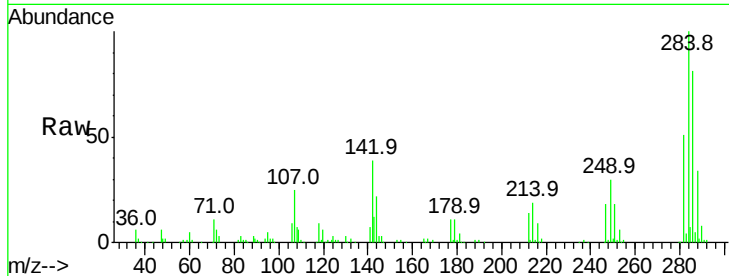
#67
Hexachlorobenzene
Concen: 43.653 ng
RT: 10.70 min Scan# 1481
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	39.3	22.8	34.2#	
249	30.3	24.0	36.0	

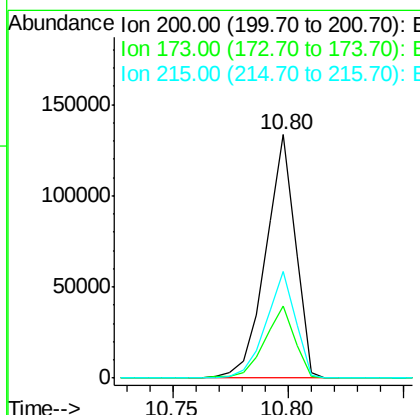
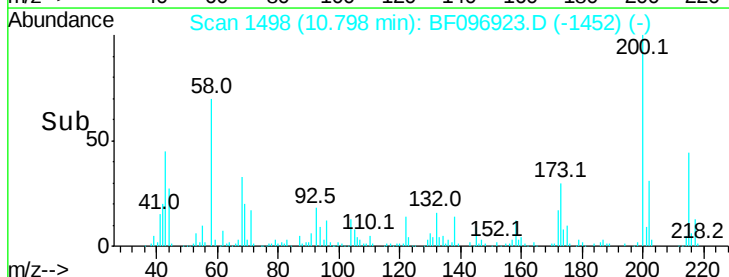
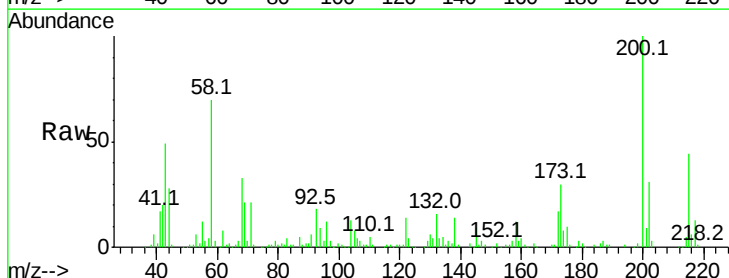
Manual Integrations
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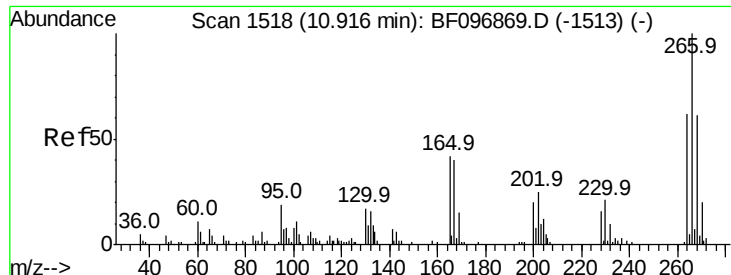
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#68
Atrazine
Concen: 46.008 ng
RT: 10.80 min Scan# 1498
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	29.6	6.3	46.3	
215	43.7	27.2	67.2	





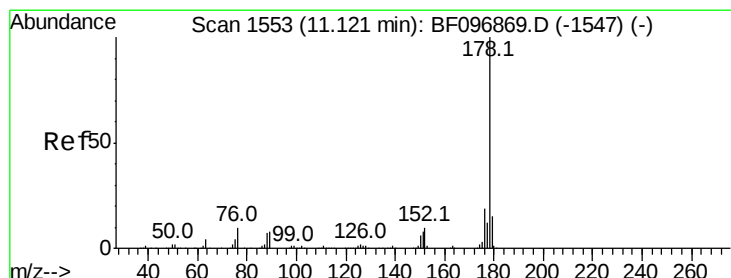
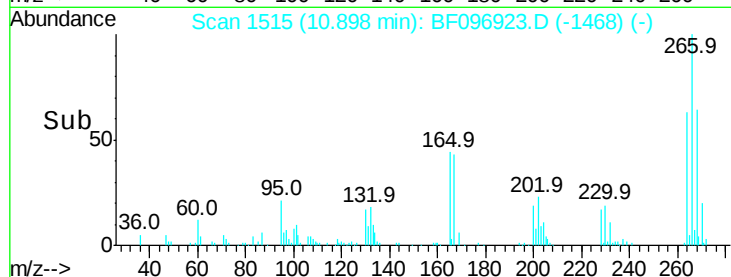
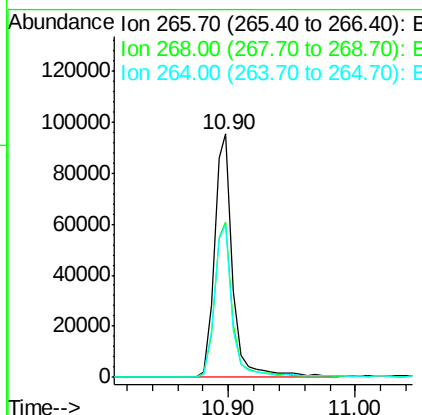
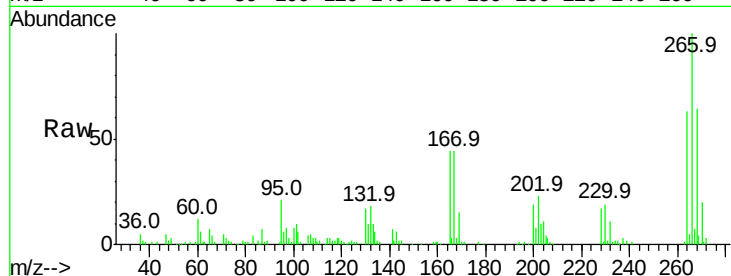
#69
 Pentachlorophenol
 Concen: 69.861 ng
 RT: 10.90 min Scan# 1515
 Delta R.T. -0.02 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.5	51.1	76.7	
264	62.8	51.7	77.5	

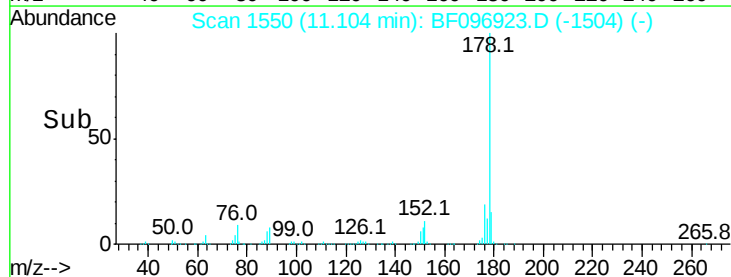
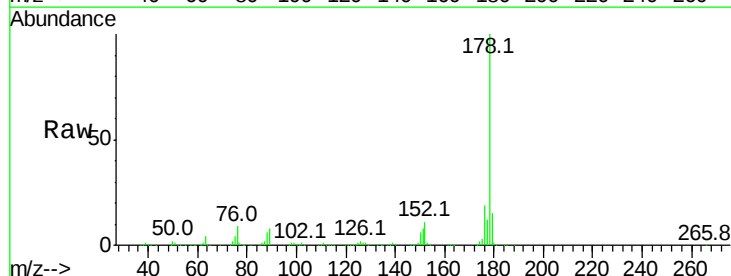
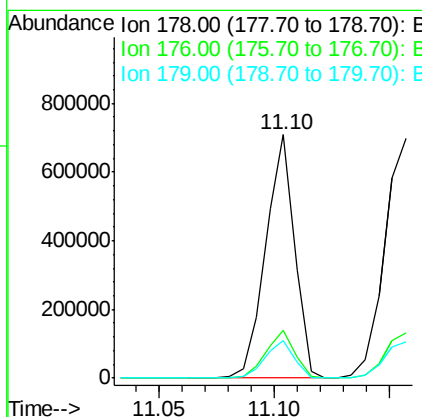
Manual Integrations
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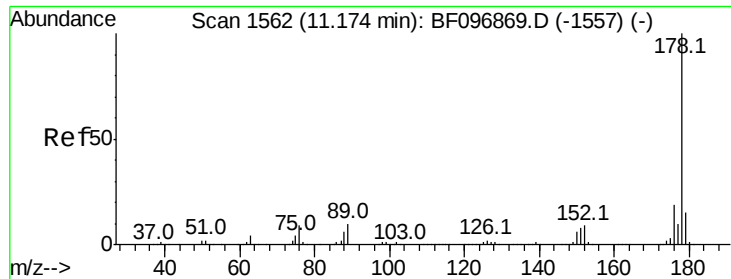
Sohil
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#70
 Phenanthrene
 Concen: 44.639 ng
 RT: 11.10 min Scan# 1550
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.5	16.2	24.4	
179	15.5	12.6	19.0	





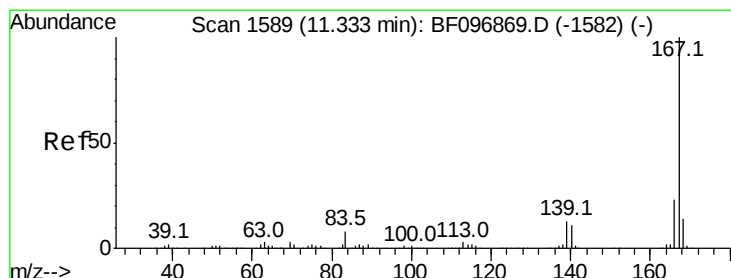
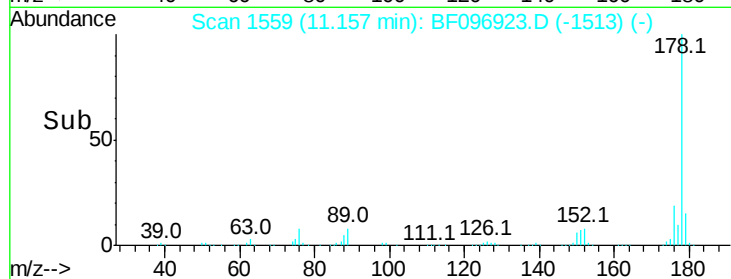
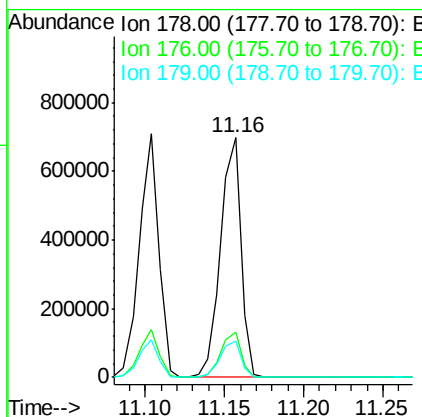
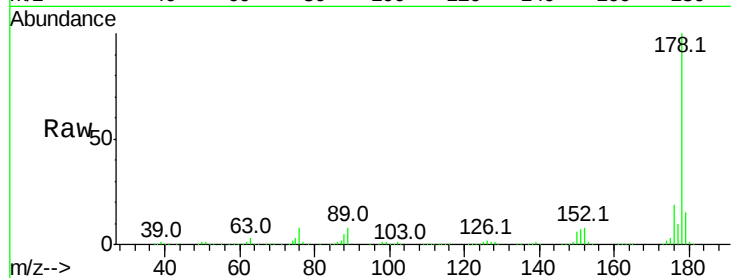
#71
 Anthracene
 Concen: 44.837 ng
 RT: 11.16 min Scan# 1559
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMPMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.1	12.7	19.1

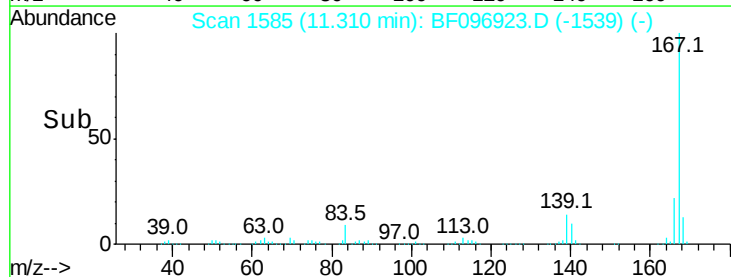
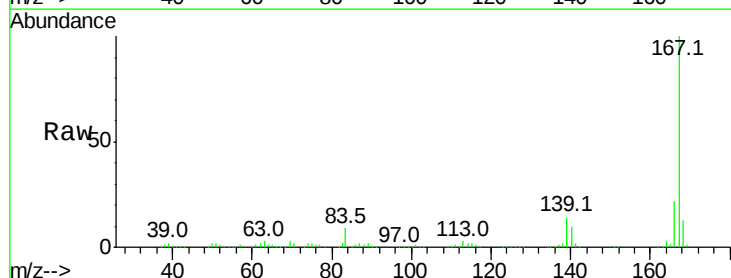
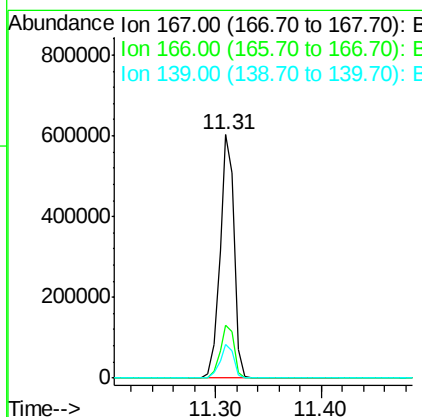
Manual Integrations
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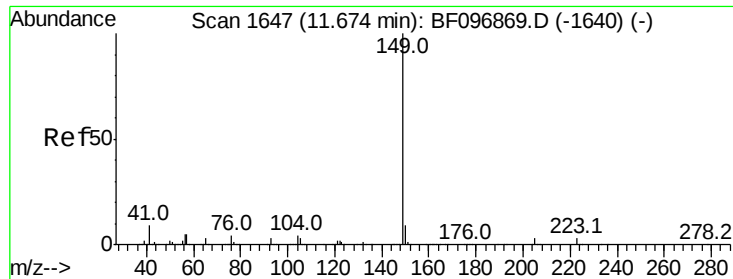
Sohil
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#72
 Carbazole
 Concen: 41.797 ng
 RT: 11.31 min Scan# 1585
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.1	27.1
139	13.7	11.7	17.5





#73

Di-n-butylphthalate

Concen: 44.320 ng

RT: 11.65 min Scan# 1643

Delta R.T. -0.03 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Instrument :

BNA_F

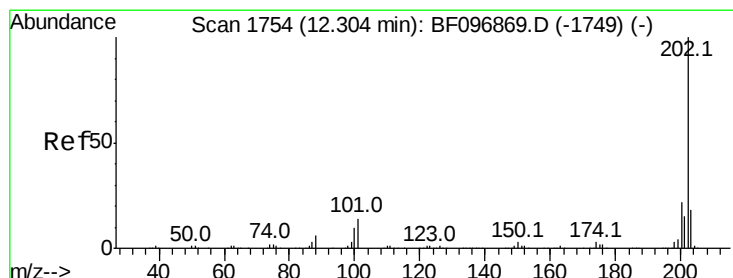
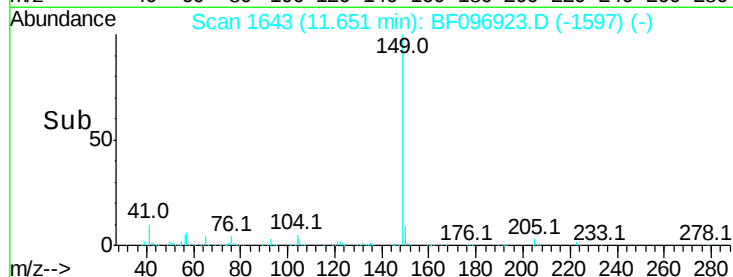
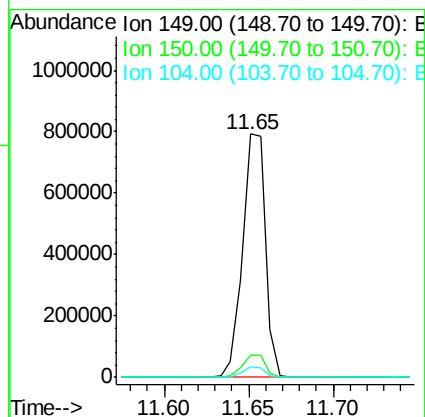
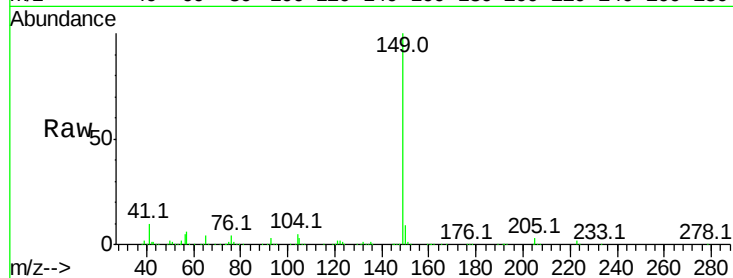
ClientSampleId :

SP-1-TP-1-2-3-COMPMSD

Tot Ion:	149	Resp:	747832
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.7	11.5
104	4.5	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 42.687 ng

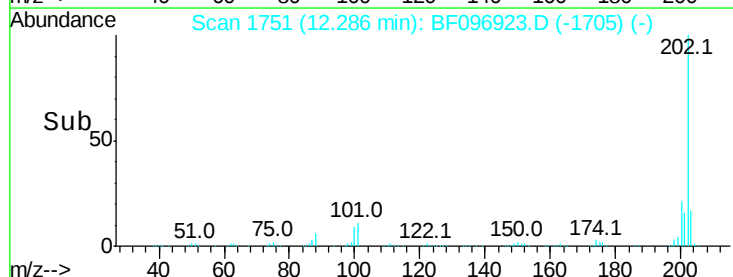
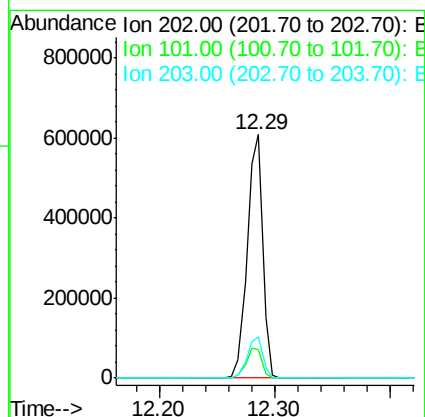
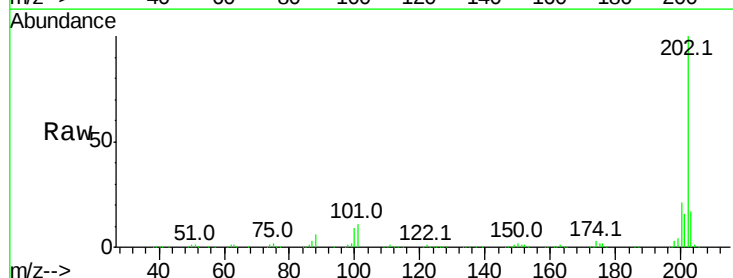
RT: 12.29 min Scan# 1751

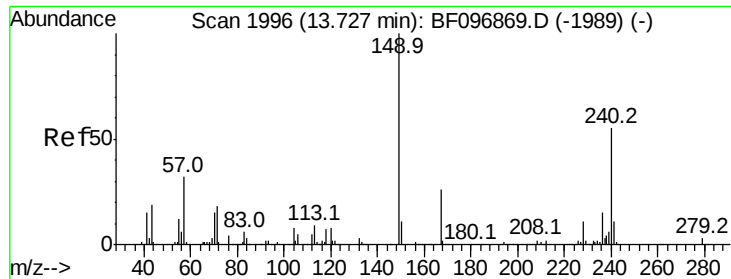
Delta R.T. -0.03 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Tgt Ion:	202	Resp:	565397
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	33.2
203	17.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.70 min Scan# 1992

Delta R.T. -0.03 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Instrument :

BNA_F

ClientSampleId :

SP-1-TP-1-2-3-COMPMSD

Tot Ion:240 Resp: 147663

Ion Ratio Lower Upper

240 100

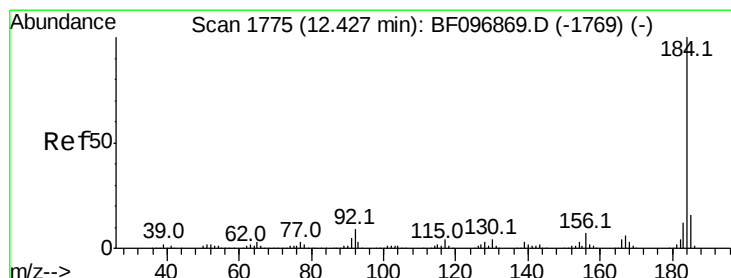
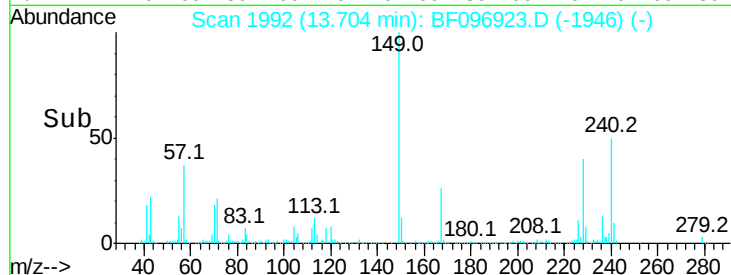
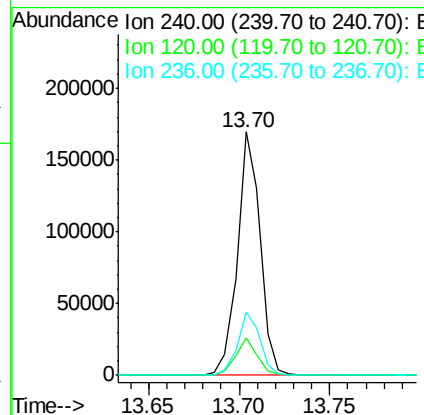
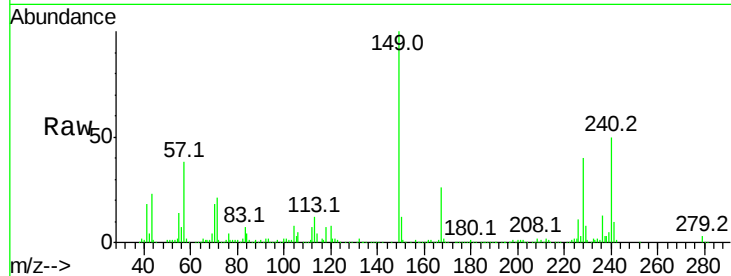
120 15.4 5.8 8.8#

236 26.1 20.5 30.7

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#76

Benzidine

Concen: 53.250 ng

RT: 12.41 min Scan# 1772

Delta R.T. -0.02 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

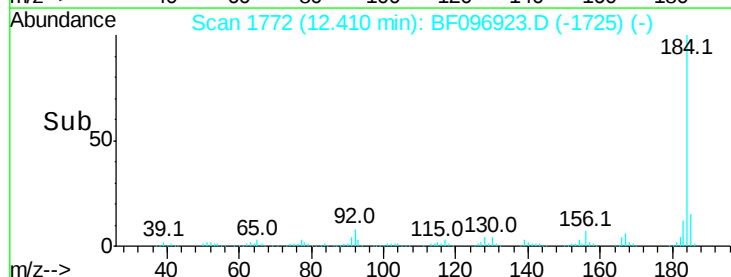
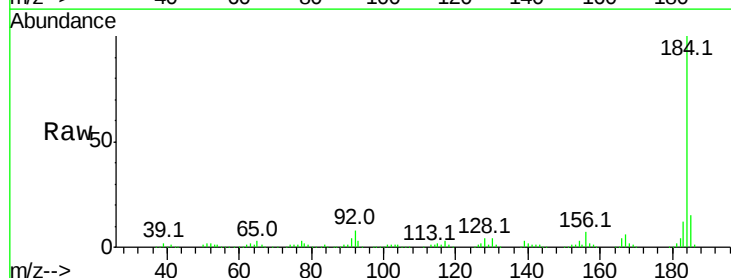
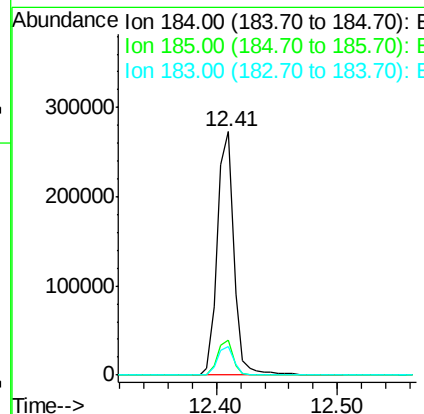
Tgt Ion:184 Resp: 257598

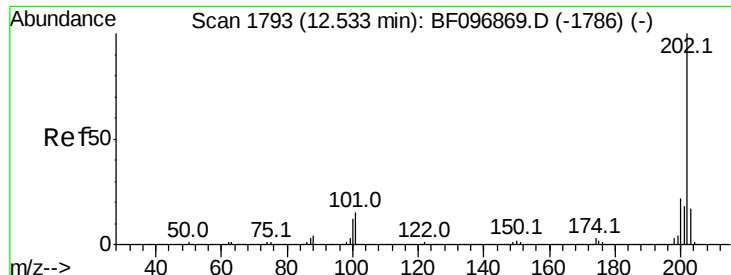
Ion Ratio Lower Upper

184 100

185 14.5 15.5 23.3#

183 11.7 9.8 14.6





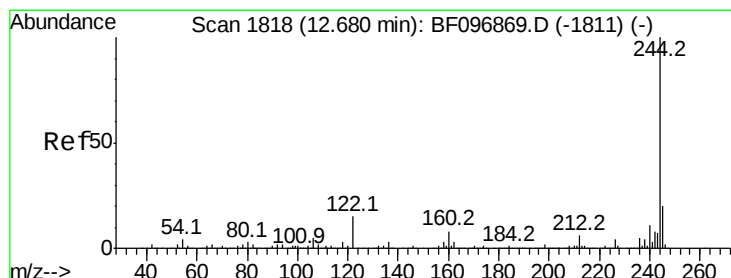
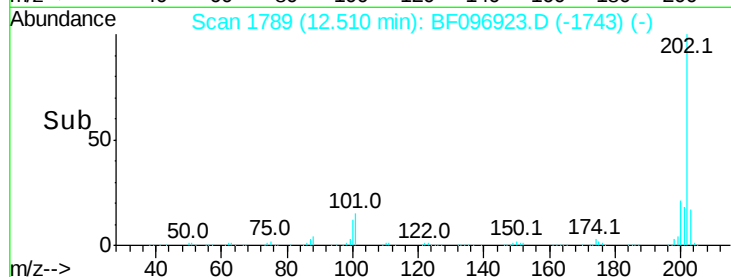
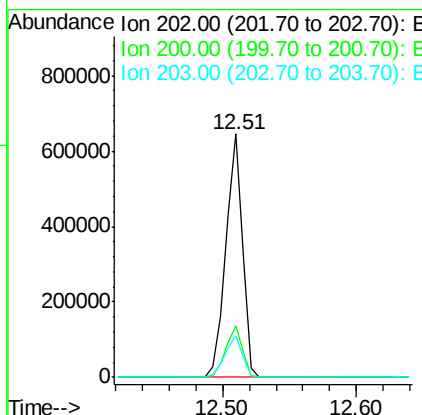
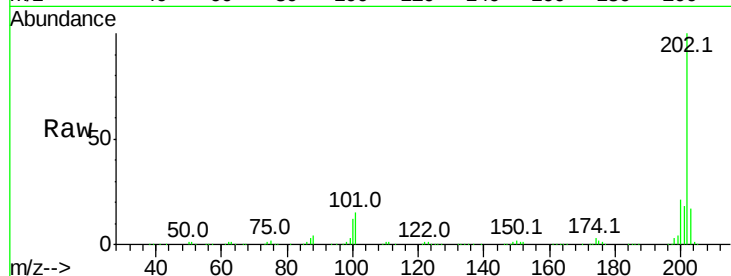
#77
Pvrene
Concen: 42.561 ng
RT: 12.51 min Scan# 1789
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	17.0	14.4	21.6

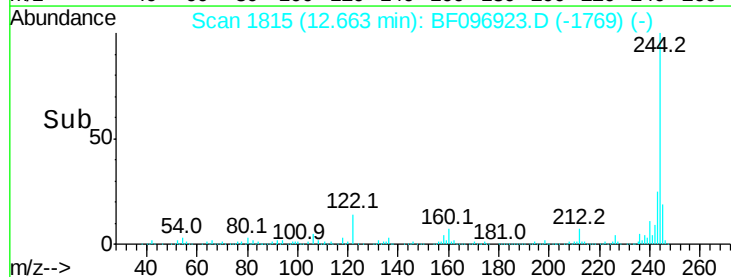
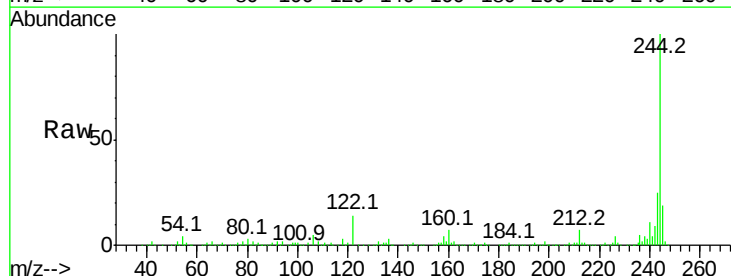
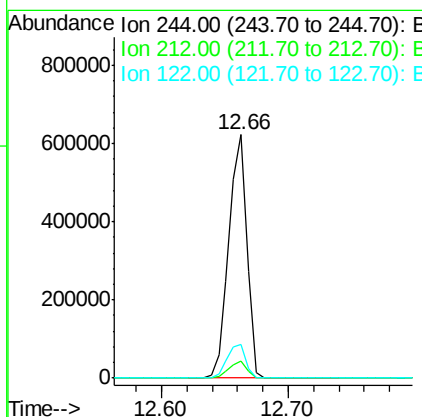
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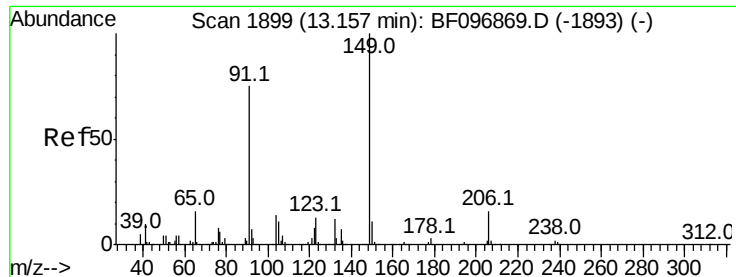
Sohil
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#78
Terphenyl-d14
Concen: 72.175 ng
RT: 12.66 min Scan# 1815
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.1	10.3	15.5





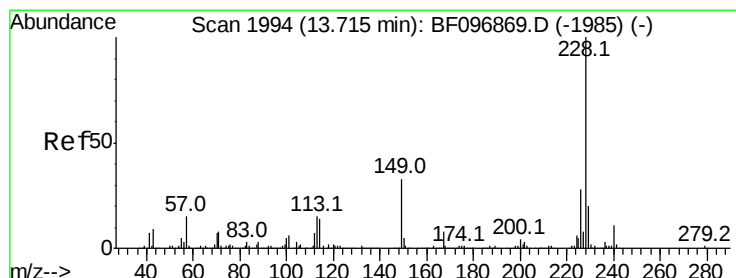
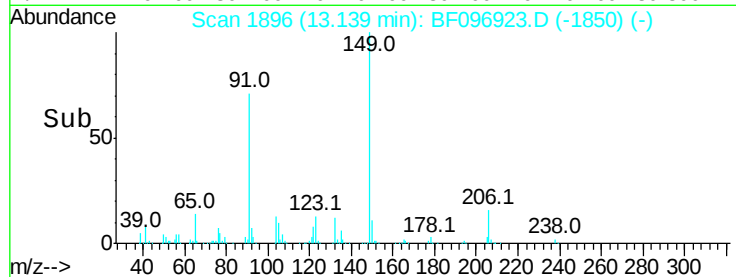
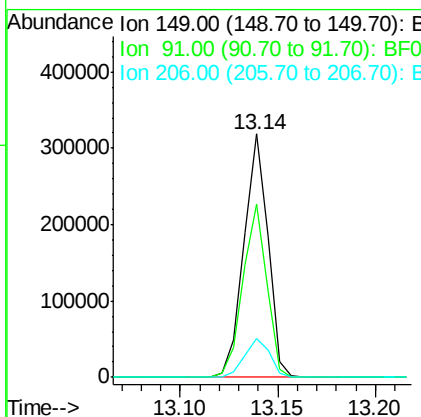
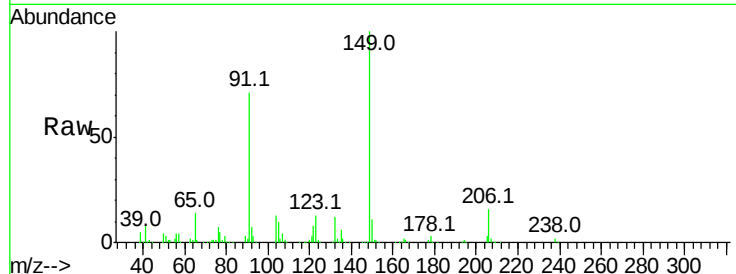
#79
 Butylbenzylphthalate
 Concen: 42.750 ng
 RT: 13.14 min Scan# 1896
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMPMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.2	45.0	67.4#
206	16.2	17.0	25.6#

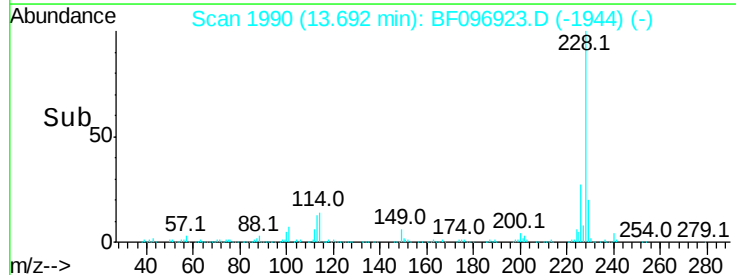
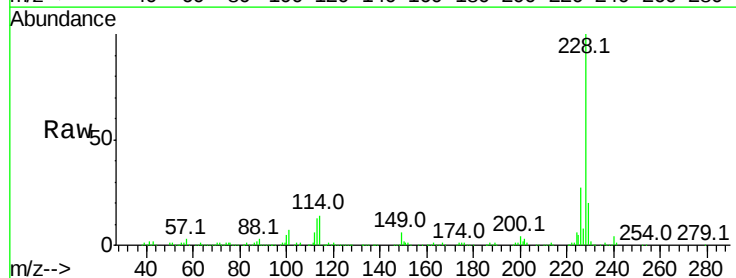
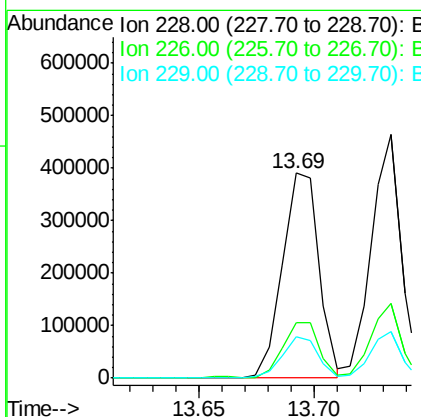
Manual Integrations
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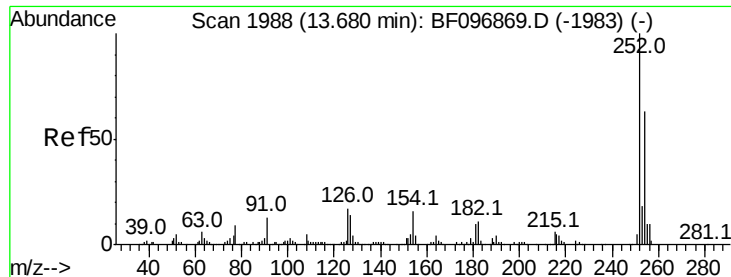
Sohil
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#80
 Benzo(a)anthracene
 Concen: 46.502 ng
 RT: 13.69 min Scan# 1990
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	20.1	16.3	24.5





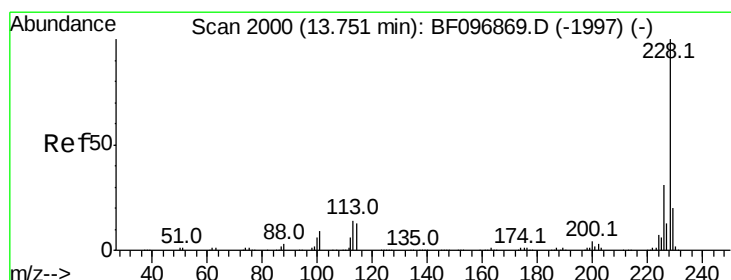
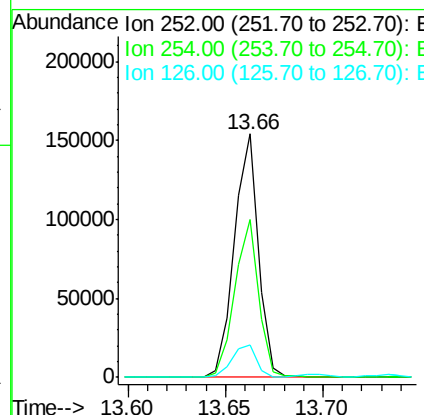
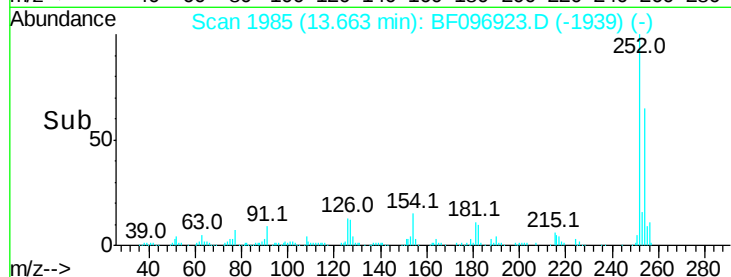
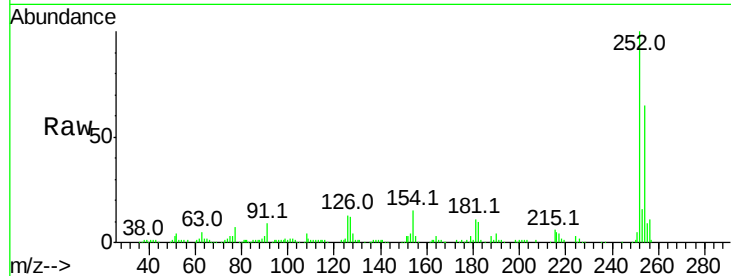
#81
 3,3'-Dichlorobenzidine
 Concen: 39.938 ng
 RT: 13.66 min Scan# 1985
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMPMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.6	51.5	77.3
126	13.1	15.8	23.8

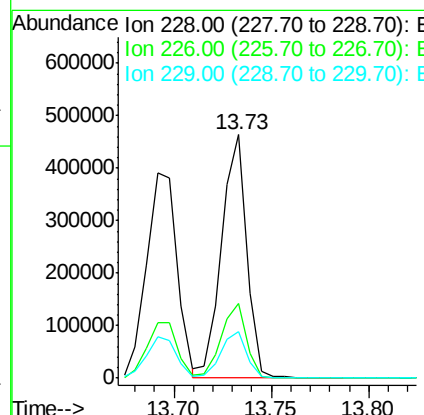
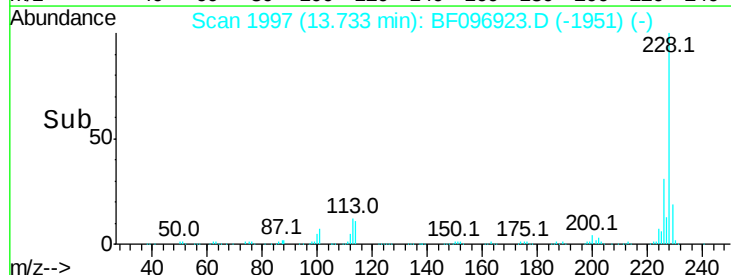
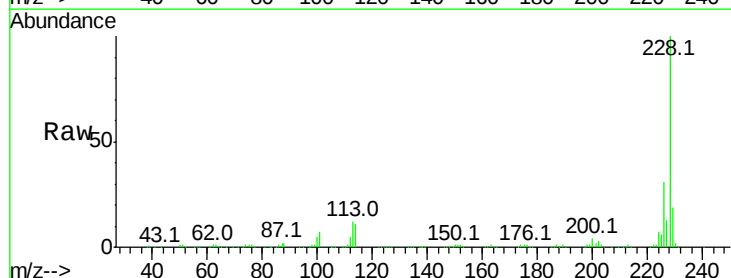
Manual Integrations
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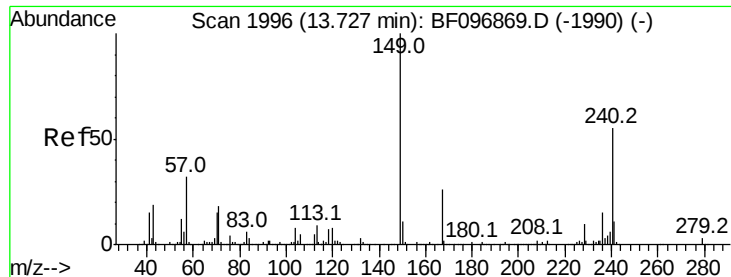
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#82
 Chrysene
 Concen: 45.780 ng
 RT: 13.73 min Scan# 1997
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.7	24.9	37.3
229	19.2	15.8	23.6





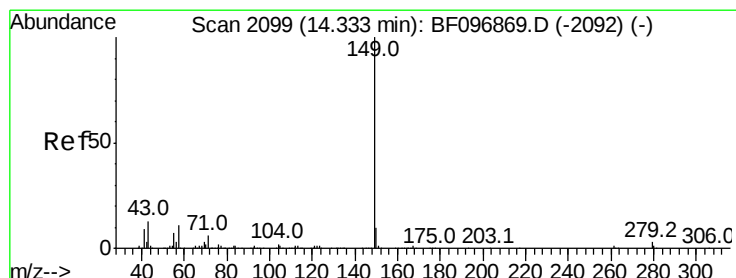
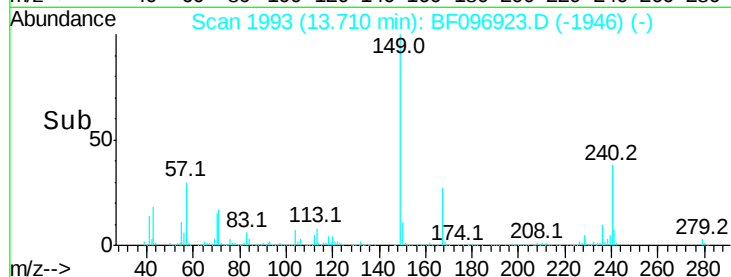
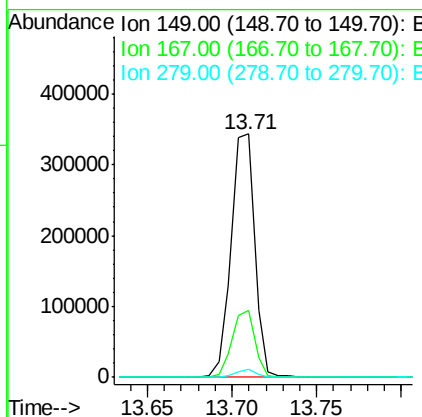
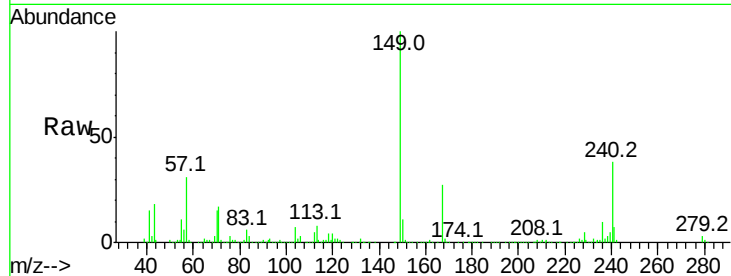
#83
Bis(2-ethylhexyl)phthalate
Concen: 42.958 ng
RT: 13.71 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.3	21.0	31.4	
279	3.1	1.9	2.9	

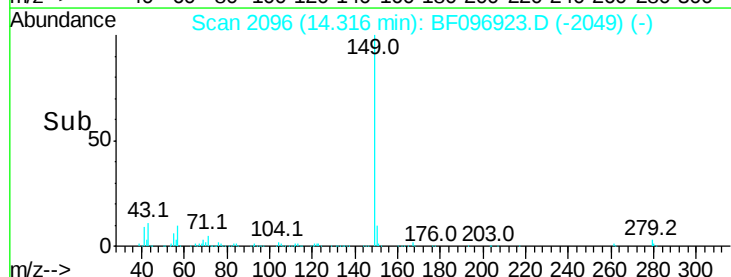
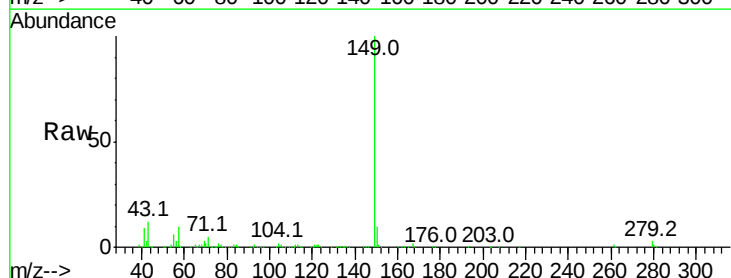
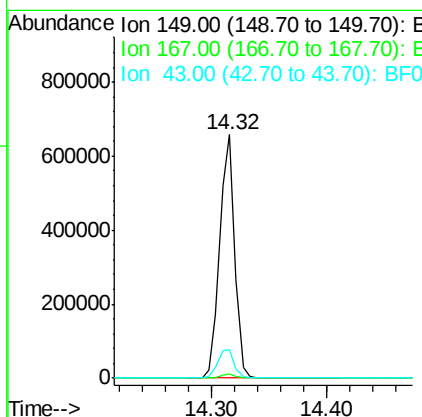
Manual Integrations
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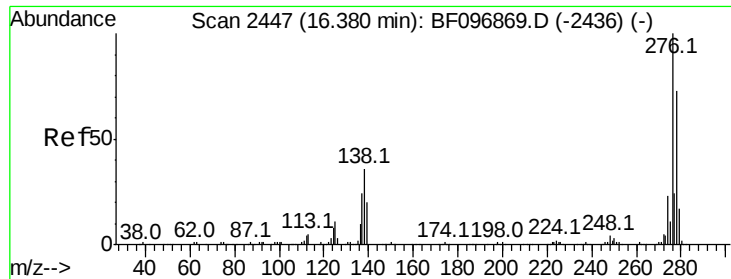
Sohil
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#84
Di-n-octyl phthalate
Concen: 46.254 ng
RT: 14.32 min Scan# 2096
Delta R.T. -0.02 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	12.5	8.5	12.7	





#85

Indeno(1,2,3-cd)pyrene

Concen: 51.796 ng

RT: 16.35 min Scan# 2442

Delta R.T. -0.04 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Instrument :

BNA_F

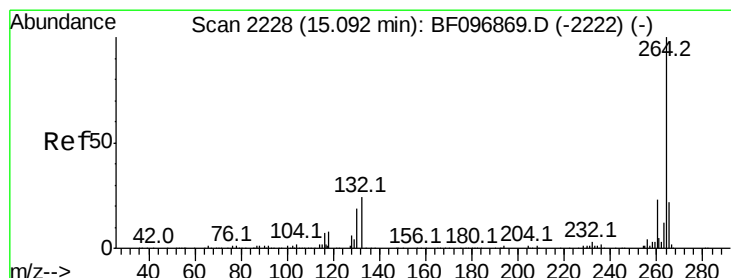
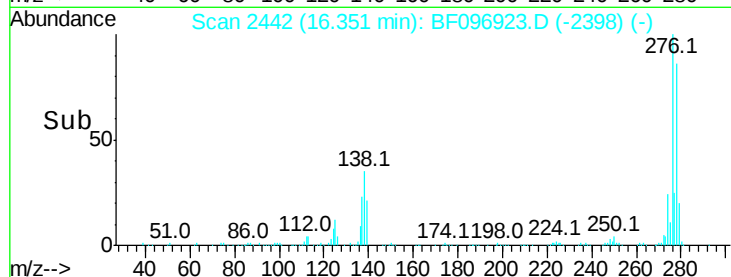
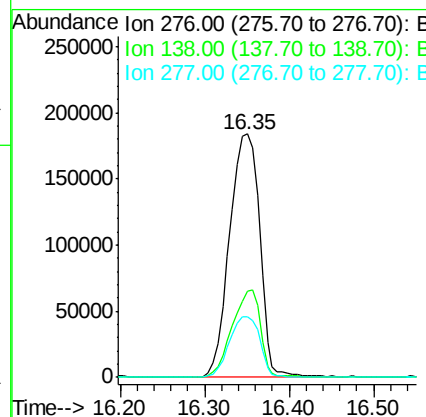
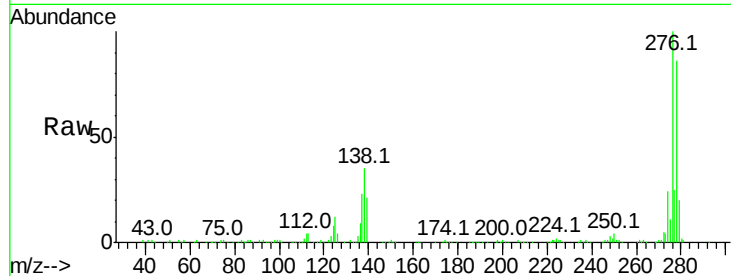
ClientSampleId :

SP-1-TP-1-2-3-COMPMSD

Tot Ion:	276	Resp:	454370
Ion Ratio	Lower	Upper	
276	100		
138	33.8	27.8	41.6
277	25.2	20.2	30.4

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

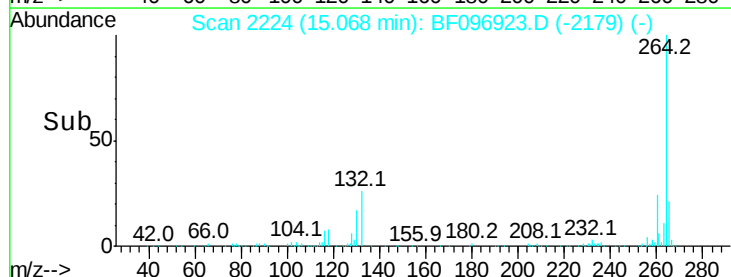
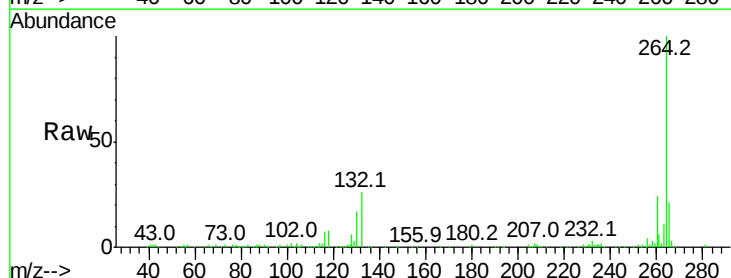
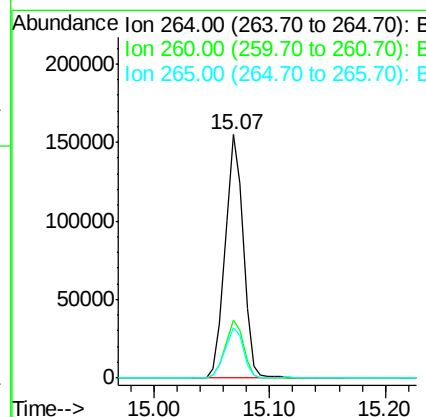
RT: 15.07 min Scan# 2224

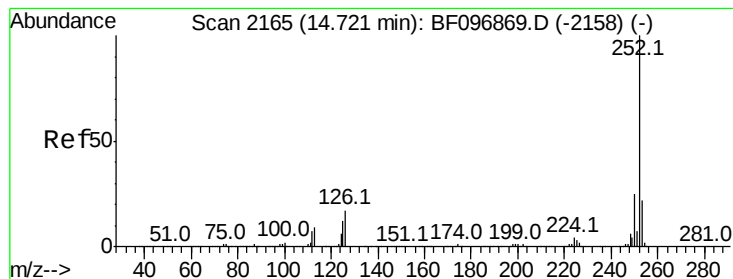
Delta R.T. -0.04 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Tgt Ion:	264	Resp:	169255
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.5	29.3
265	20.8	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 41.989 ng

RT: 14.70 min Scan# 2161

Delta R.T. -0.03 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Instrument :

BNA_F

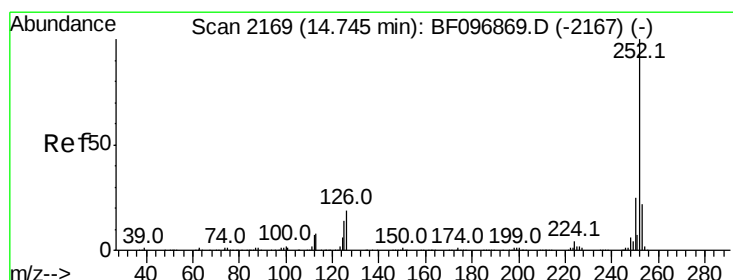
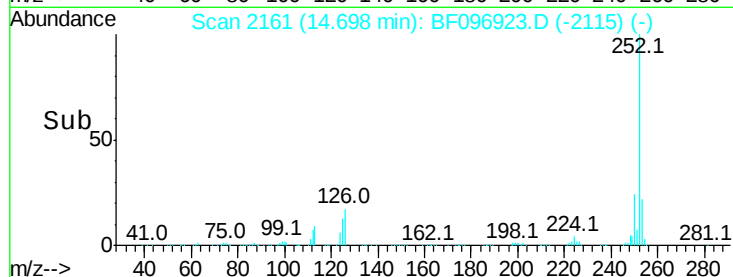
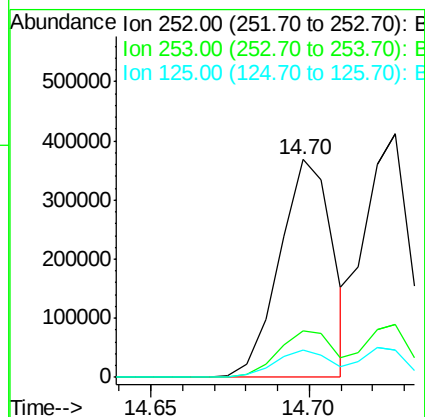
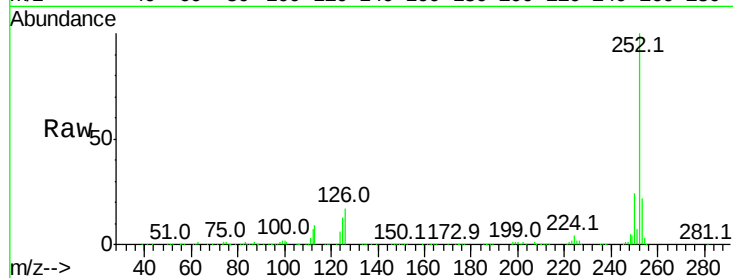
ClientSampleId :

SP-1-TP-1-2-3-COMPMSD

Tot Ion:	252	Resp:	428624
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.1	27.1
125	12.6	9.8	14.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 41.569 ng

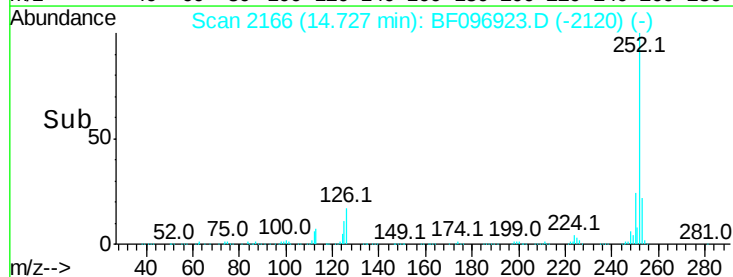
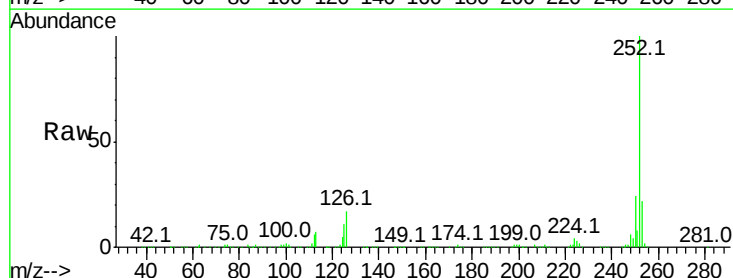
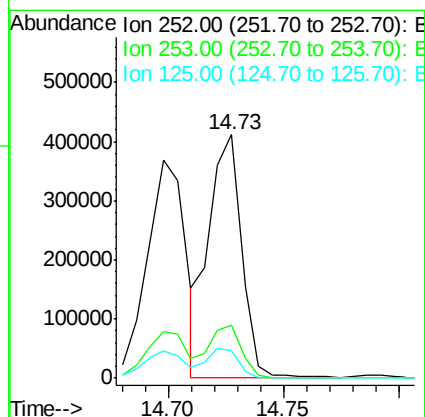
RT: 14.73 min Scan# 2166

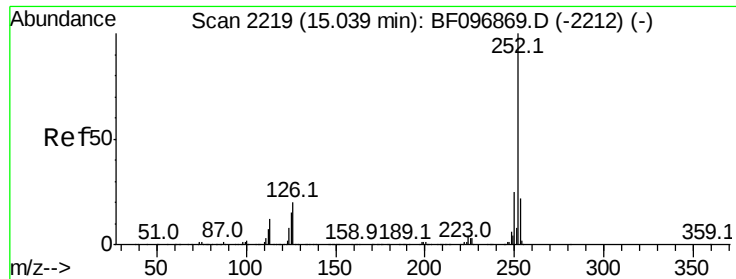
Delta R.T. -0.03 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Tgt Ion:	252	Resp:	401823
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.4	27.6
125	11.4	13.1	19.7#





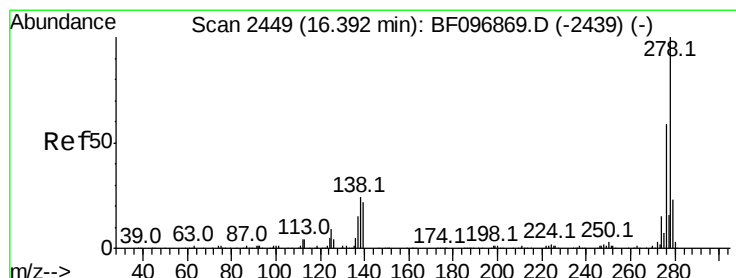
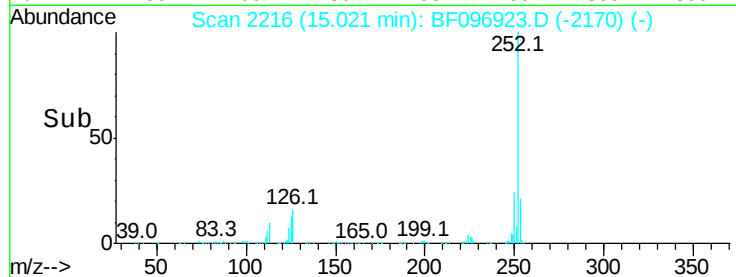
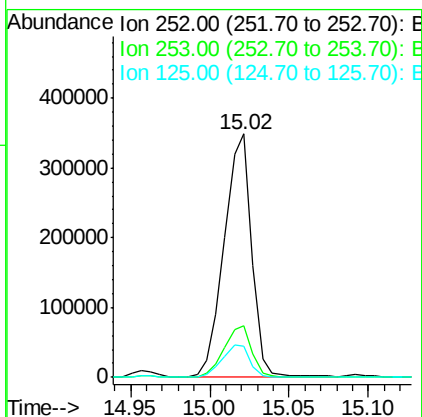
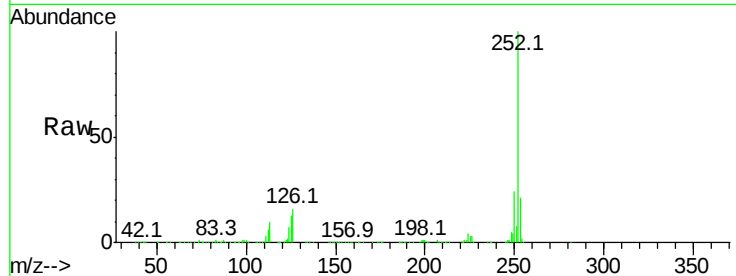
#89
Benzo(a)pyrene
Concen: 44.767 ng
RT: 15.02 min Scan# 2216
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	12.9	11.0	16.4

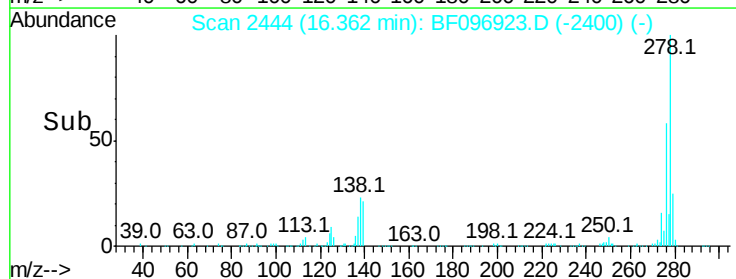
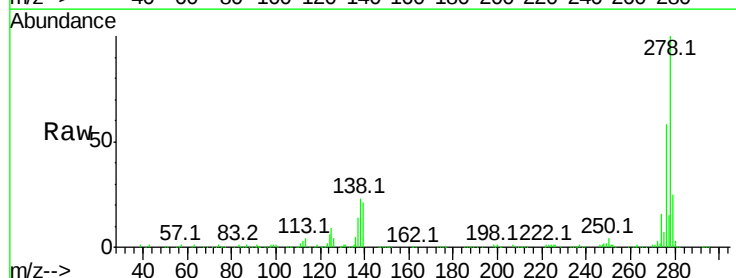
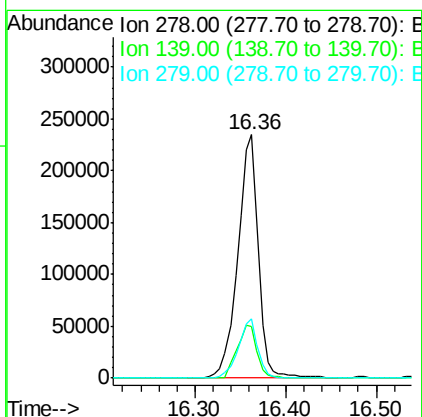
Manual Integrations
APPROVED

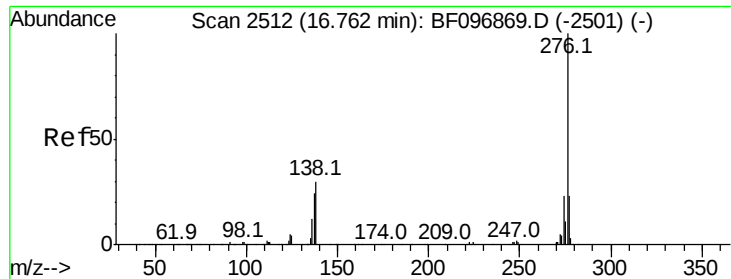
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 43.116 ng
RT: 16.36 min Scan# 2444
Delta R.T. -0.04 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	16.6	24.8
279	24.5	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 41.175 ng
 RT: 16.73 min Scan# 2506
 Delta R.T. -0.05 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMPMSD

Tot Ion:	276	Resp:	379851
Ion Ratio	Lower	Upper	
276	100		
277	22.2	18.6	28.0
138	29.7	25.4	38.0

Manual Integrations
 APPROVED

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