

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
 Data File : BF113675.D
 Acq On : 9 Apr 2019 21:52
 Operator : JU/SJ
 Sample : K2294-04MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-SMSD

Manual Integrations
 APPROVED

Sohil
 4/10/2019 6:20:42 PM

Quant Time: Apr 10 07:17:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	104493	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	387210	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	178636	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	328614	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	264951	20.00	ng	-0.02
87) Perylene-d12	15.23	264	271789	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	761494	124.27	ng	0.01
7) Phenol-d6	6.34	99	894602	118.45	ng	0.00
23) Nitrobenzene-d5	7.25	82	608638	92.07	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	289674	134.99	ng	-0.01
45) 2-Fluorobiphenyl	9.04	172	1141465	102.87	ng	-0.01
79) Terphenyl-d14	12.77	244	1105082	84.92	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	110708	38.145	ng	# 82
3) Pyridine	3.15	79	211464	27.842	ng	97
4) n-Nitrosodimethylamine	3.04	42	125576	38.913	ng	93
6) Aniline	6.35	93	84887	9.273	ng	# 1
8) 2-Chlorophenol	6.47	128	293930	41.458	ng	95
9) Benzaldehyde	6.23	77	128720	28.664	ng	97
10) Phenol	6.35	94	306731	35.560	ng	# 75
11) bis(2-Chloroethyl)ether	6.42	93	280595	41.818	ng	98
12) 1,3-Dichlorobenzene	6.62	146	293295	38.414	ng	97
13) 1,4-Dichlorobenzene	6.70	146	300523	38.950	ng	98
14) 1,2-Dichlorobenzene	6.85	146	281132	40.367	ng	97
15) Benzyl Alcohol	6.83	79	154707	30.295	ng	89
16) 2,2'-oxybis(1-Chloropropan	6.96	45	432595	41.420	ng	57
17) 2-Methylphenol	6.96	107	260285	47.373	ng	# 86
18) Hexachloroethane	7.19	117	99334	35.371	ng	99
19) n-Nitroso-di-n-propylamine	7.10	70	204110	43.827	ng	96
20) 3+4-Methylphenols	7.12	107	302299	45.409	ng	# 90
22) Acetophenone	7.09	105	403286	47.421	ng	97
24) Nitrobenzene	7.27	77	300029	44.072	ng	99
25) Isophorone	7.50	82	556854	43.729	ng	98
26) 2-Nitrophenol	7.59	139	156402	42.687	ng	90
27) 2,4-Dimethylphenol	7.63	122	260630	49.758	ng	97
28) bis(2-Chloroethoxy)methane	7.72	93	358122	44.482	ng	99
29) 2,4-Dichlorophenol	7.84	162	254330	45.381	ng	99
30) 1,2,4-Trichlorobenzene	7.91	180	266192	43.738	ng	98
31) Naphthalene	7.99	128	852798	45.455	ng	99
32) Benzoic acid	7.77	122	80661	19.887	ng	98
33) 4-Chloroaniline	8.05	127	47054	6.325	ng	99
34) Hexachlorobutadiene	8.10	225	154718	41.698	ng	99
35) Caprolactam	8.41	113	63659m	35.783	ng	
36) 4-Chloro-3-methylphenol	8.54	107	253091	44.987	ng	97
37) 2-Methylnaphthalene	8.67	142	566670	45.924	ng	99
38) 1-Methylnaphthalene	8.77	142	532787	44.779	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	270936	46.897	ng	99

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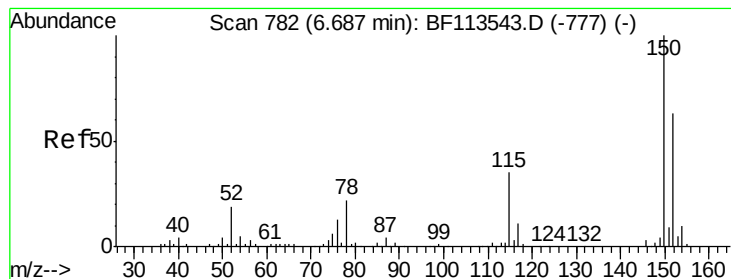
Manual Integrations
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 4/10/2019 6:20:42 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	36212	28.283	ng	97
43) 2,4,6-Trichlorophenol	8.96	196	167117	45.826	ng	99
44) 2,4,5-Trichlorophenol	9.02	196	180266	46.044	ng	98
46) 1,1'-Biphenyl	9.14	154	703739	47.741	ng	98
47) 2-Chloronaphthalene	9.16	162	520453	46.632	ng	98
48) 2-Nitroaniline	9.26	65	162145	47.479	ng	95
49) Acenaphthylene	9.57	152	826111	45.519	ng	99
50) Dimethylphthalate	9.44	163	615676	46.756	ng	99
51) 2,6-Dinitrotoluene	9.50	165	134943	46.491	ng	96
52) Acenaphthene	9.75	154	484493	46.636	ng	99
53) 3-Nitroaniline	9.68	138	42441	12.861	ng	98
54) 2,4-Dinitrophenol	9.81	184	33004	24.304	ng	91
55) Dibenzofuran	9.92	168	727291	47.724	ng	99
56) 4-Nitrophenol	9.87	139	110006	53.737	ng	95
57) 2,4-Dinitrotoluene	9.92	165	163381	46.542	ng	# 83
58) Fluorene	10.26	166	564792	46.858	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	162284	47.887	ng	96
60) Diethylphthalate	10.14	149	612982	48.283	ng	98
61) 4-Chlorophenyl-phenylether	10.25	204	288402	48.646	ng	92
62) 4-Nitroaniline	10.29	138	116586	34.742	ng	98
63) Azobenzene	10.41	77	543093	45.179	ng	98
65) 4,6-Dinitro-2-methylphenol	10.34	198	26323	15.216	ng	96
66) n-Nitrosodiphenylamine	10.37	169	513005	50.852	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	180531	48.984	ng	99
68) Hexachlorobenzene	10.82	284	197889	46.860	ng	99
69) Atrazine	10.90	200	160054	50.335	ng	95
70) Pentachlorophenol	11.02	266	131251	65.958	ng	98
71) Phenanthrene	11.22	178	770298	47.173	ng	99
72) Anthracene	11.27	178	801355	48.235	ng	99
73) Carbazole	11.43	167	728394	46.877	ng	99
74) Di-n-butylphthalate	11.76	149	933087	50.480	ng	99
75) Fluoranthene	12.40	202	790774	45.193	ng	98
77) Benzidine	12.53	184	86715	8.801	ng	98
78) Pyrene	12.63	202	792096	39.291	ng	99
80) Butylbenzylphthalate	13.24	149	346327	42.203	ng	96
81) Benzo(a)anthracene	13.82	228	680387	44.517	ng	100
82) 3,3'-Dichlorobenzidine	13.77	252	123861	21.040	ng	99
83) Chrysene	13.86	228	700778	45.231	ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	469349	47.305	ng	99
85) Di-n-octyl phthalate	14.41	149	812740	50.394	ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	669486	46.801	ng	99
88) Benzo(b)fluoranthene	14.84	252	756019	45.442	ng	99
89) Benzo(k)fluoranthene	14.86	252	696865	46.672	ng	98
90) Benzo(a)pyrene	15.18	252	687388	46.497	ng	99
91) Dibenzo(a,h)anthracene	16.60	278	583605	42.214	ng	99
92) Benzo(g,h,i)perylene	17.00	276	542828	38.469	ng	98

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



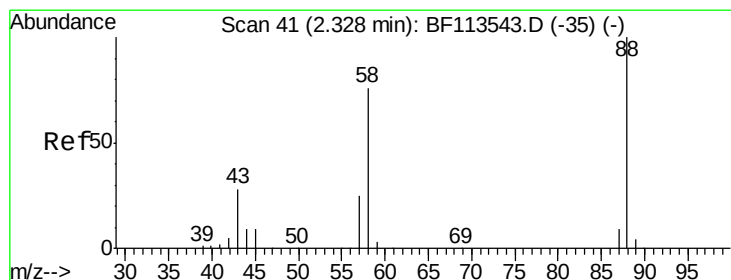
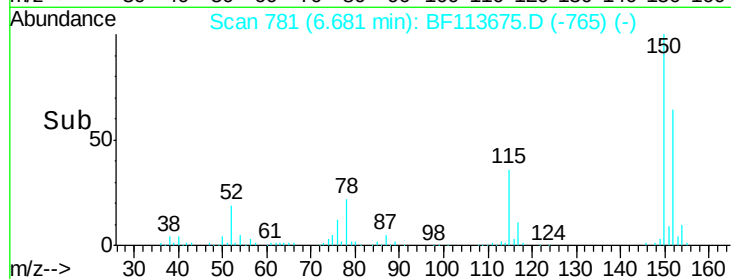
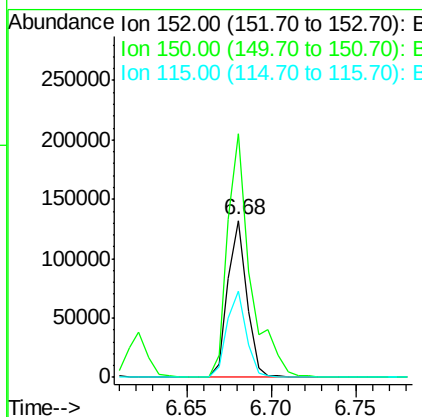
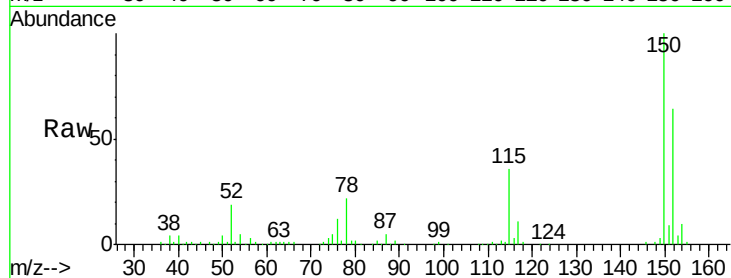
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF113675.D
 Acq: 9 Apr 2019 21:52

Instrument :
 BNA_F
 ClientSampled :
 TP-14-SMSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.7	187.1
115	55.2	46.0	69.0

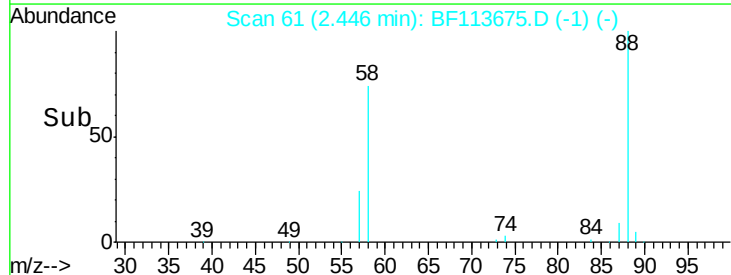
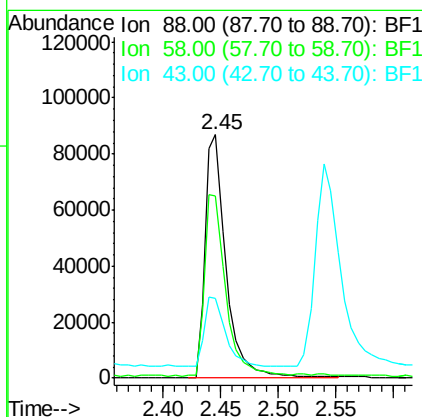
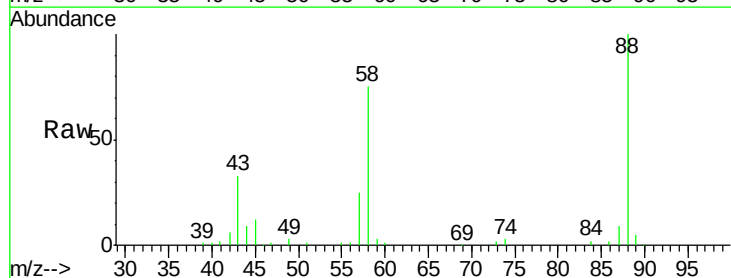
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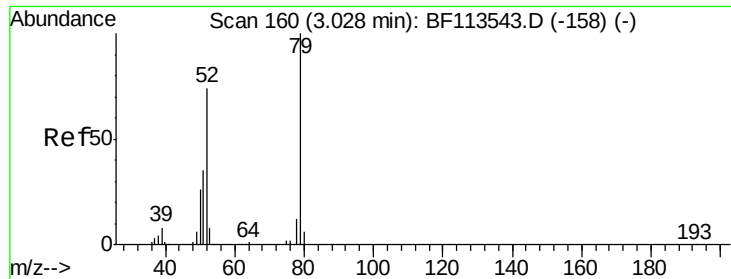
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#2
 1,4-Dioxane
 Concen: 38.145 ng
 RT: 2.45 min Scan# 61
 Delta R.T. 0.12 min
 Lab File: BF113675.D
 Acq: 9 Apr 2019 21:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.9	61.9	92.9
43	0.0	24.2	36.4#





#3

Pyridine

Concen: 27.842 ng

RT: 3.15 min Scan# 180

Delta R.T. 0.12 min

Lab File: BF113675.D

Acq: 9 Apr 2019 21:52

Instrument :

BNA_F

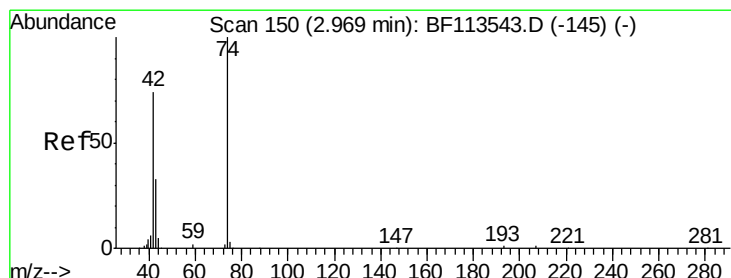
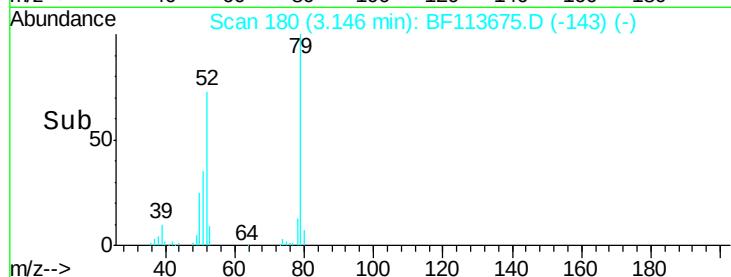
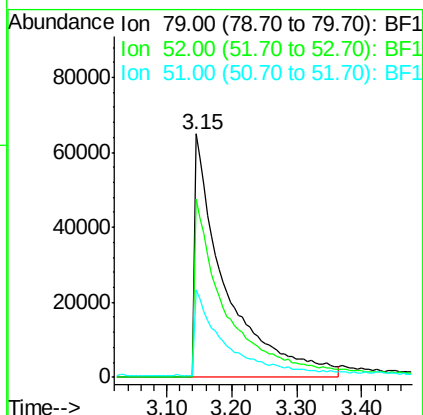
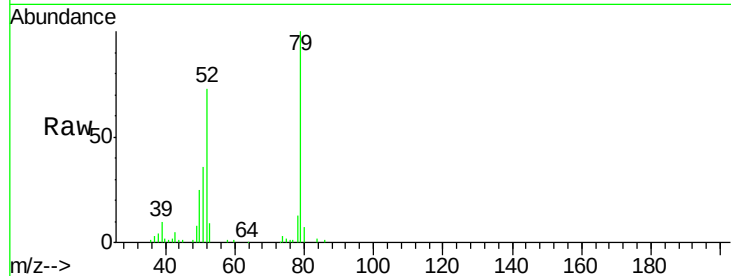
ClientSampleId :

TP-14-SMSD

Tgt Ion:	79	Resp:	211464
Ion Ratio	Lower	Upper	
79	100		
52	73.3	61.0	91.4
51	36.0	30.6	45.8

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#4

n-Nitrosodimethylamine

Concen: 38.913 ng

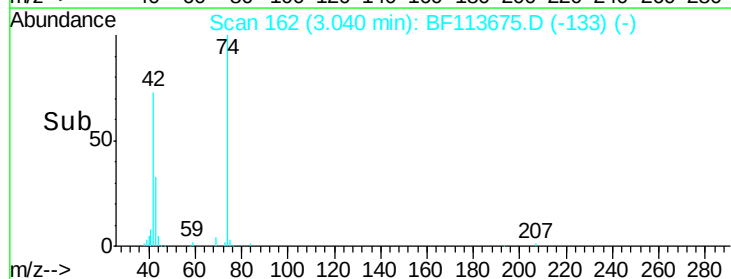
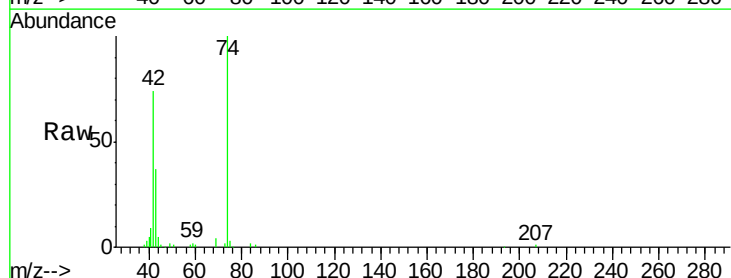
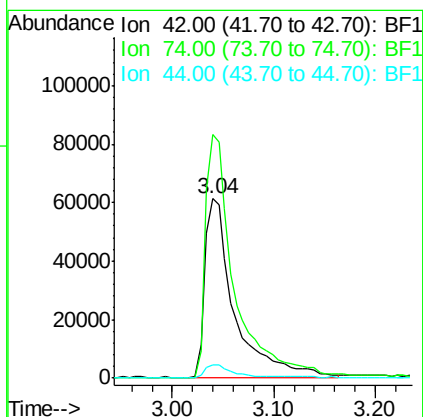
RT: 3.04 min Scan# 162

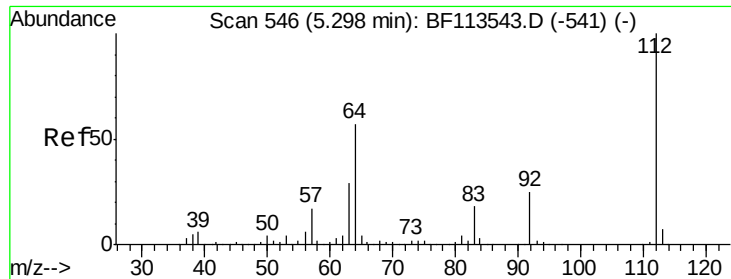
Delta R.T. 0.07 min

Lab File: BF113675.D

Acq: 9 Apr 2019 21:52

Tgt Ion:	42	Resp:	125576
Ion Ratio	Lower	Upper	
42	100		
74	135.8	102.4	153.6
44	7.4	5.5	8.3





#5

2-Fluorophenol

Concen: 124.269 ng

RT: 5.31 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF113675.D

Acq: 9 Apr 2019 21:52

Instrument :

BNA_F

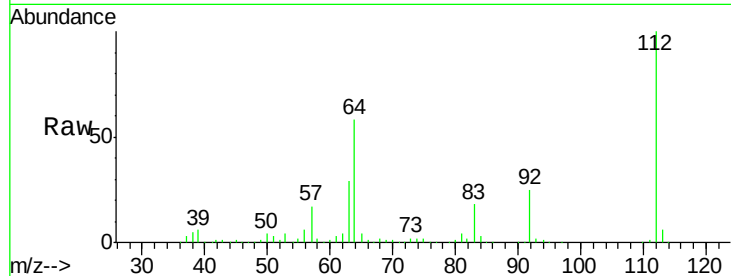
ClientSampleId :

TP-14-SMSD

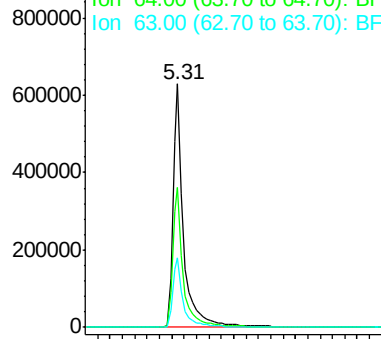
Tgt Ion:	112	Resp:	761494
Ion Ratio	Lower	Upper	
112	100		
64	57.5	49.2	73.8
63	28.6	24.9	37.3

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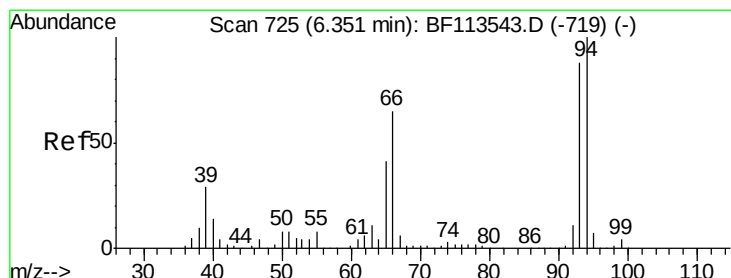
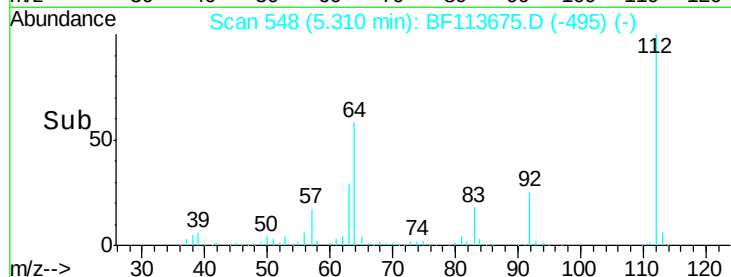
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Abundance Ion 112.00 (111.70 to 112.70): BF113543.D (-541) (-)



Time-->



#6

Aniline

Concen: 9.273 ng

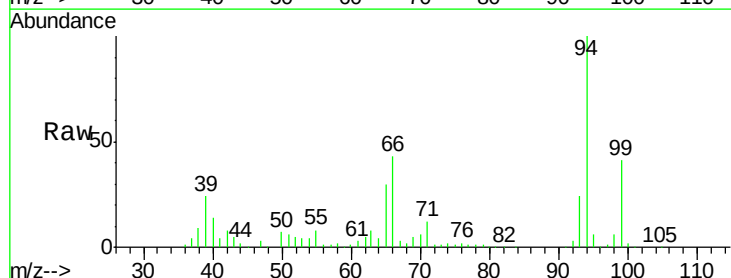
RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

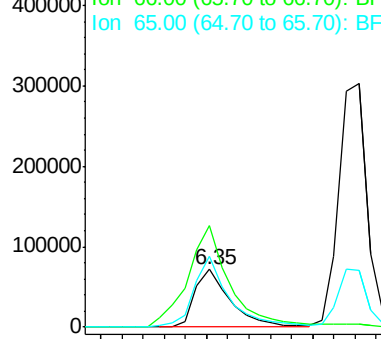
Lab File: BF113675.D

Acq: 9 Apr 2019 21:52

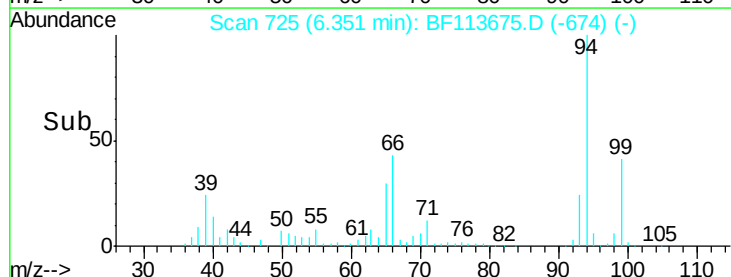
Tgt Ion:	93	Resp:	84887
Ion Ratio	Lower	Upper	
93	100		
66	177.7	62.1	93.1#
65	123.1	38.7	58.1#

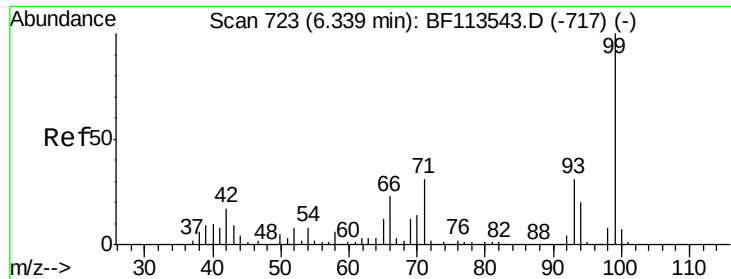


Abundance Ion 93.00 (92.70 to 93.70): BF113543.D (-719) (-)



Time-->





#7

Phenol-d6

Concen: 118.450 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF113675.D

Acq: 9 Apr 2019 21:52

Instrument :

BNA_F

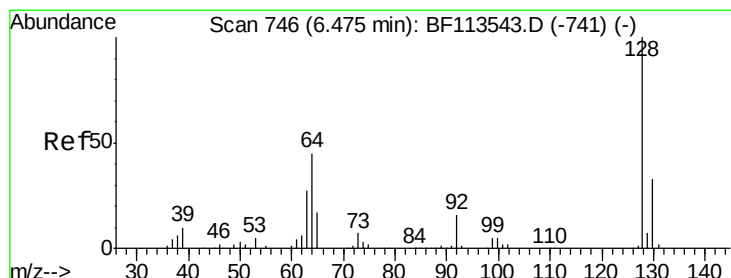
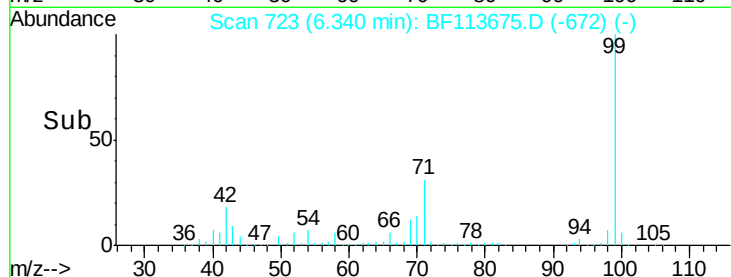
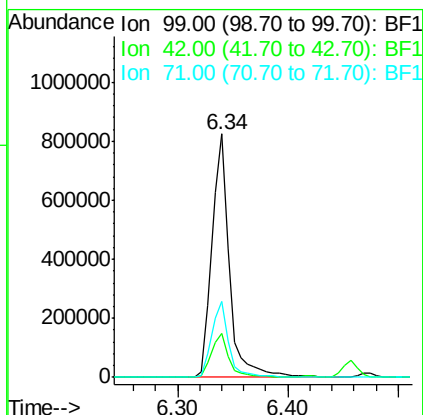
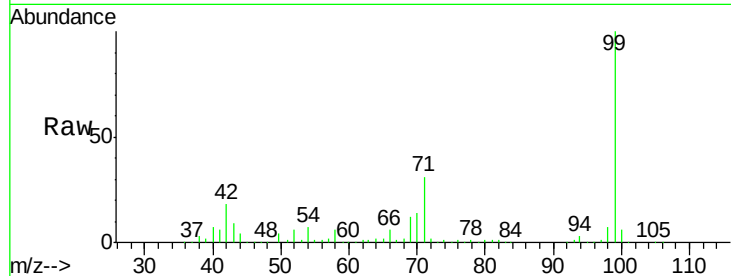
ClientSampled :

TP-14-SMSD

Tgt Ion:	99	Resp:	894602
Ion Ratio	Lower	Upper	
99	100		
42	17.9	14.8	22.2
71	31.3	24.9	37.3

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#8

2-Chlorophenol

Concen: 41.458 ng

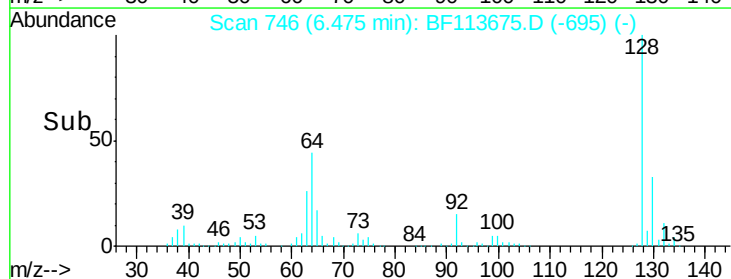
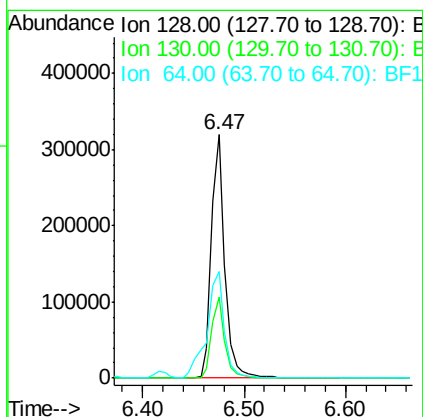
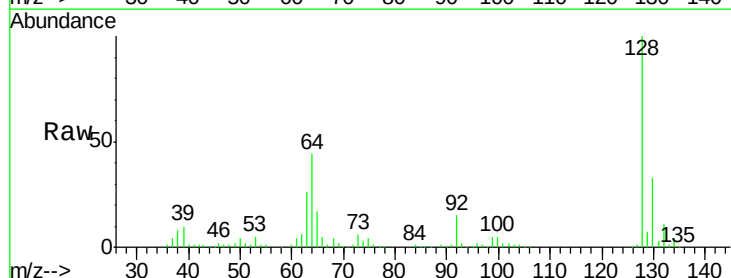
RT: 6.47 min Scan# 746

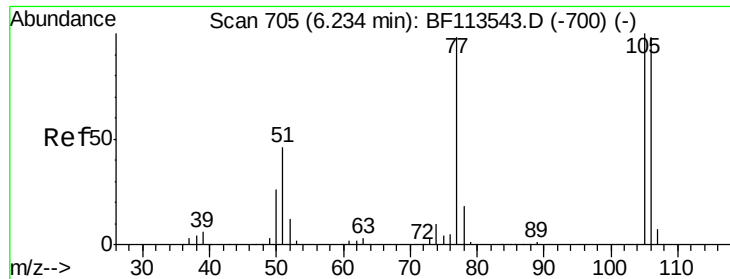
Delta R.T. 0.00 min

Lab File: BF113675.D

Acq: 9 Apr 2019 21:52

Tgt Ion:	128	Resp:	293930
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.6	52.6
64	43.8	29.4	69.4





#9

Benzaldehyde

Concen: 28.664 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF113675.D

Acq: 9 Apr 2019 21:52

Instrument :

BNA_F

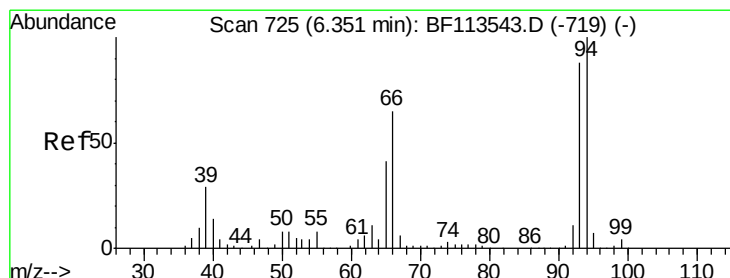
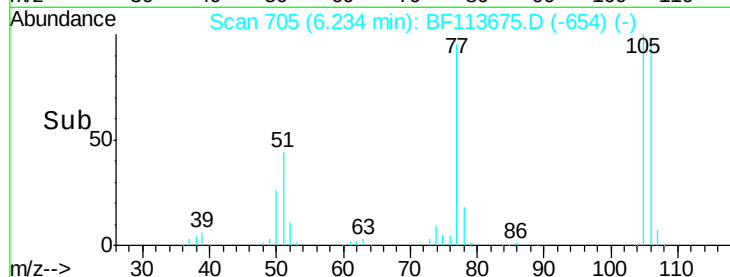
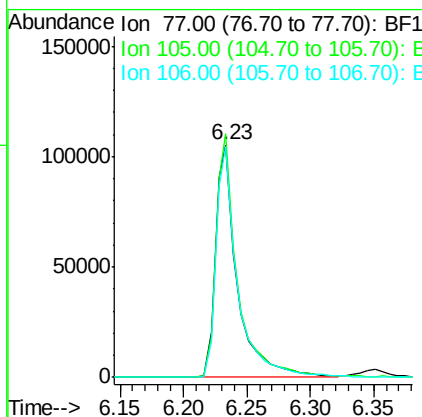
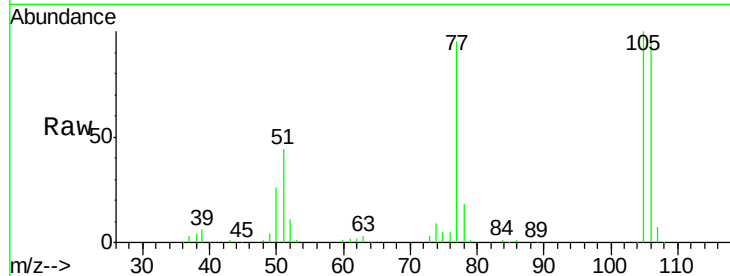
ClientSampleId :

TP-14-SMSD

Tgt Ion:	77	Resp:	128720
Ion	Ratio	Lower	Upper
77	100		
105	104.7	80.9	120.9
106	99.0	77.8	117.8

Manual Integrations
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#10

Phenol

Concen: 35.560 ng

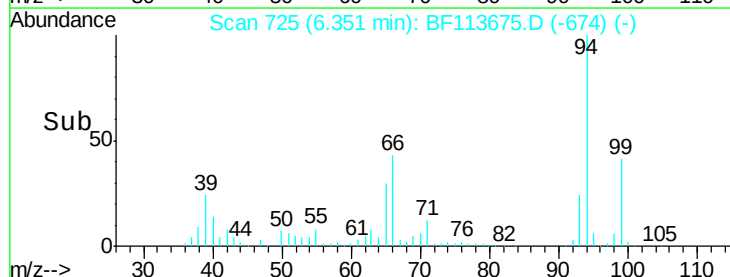
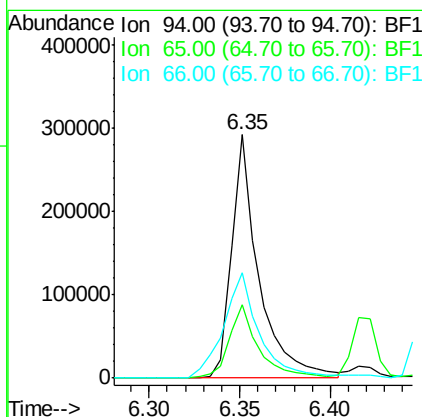
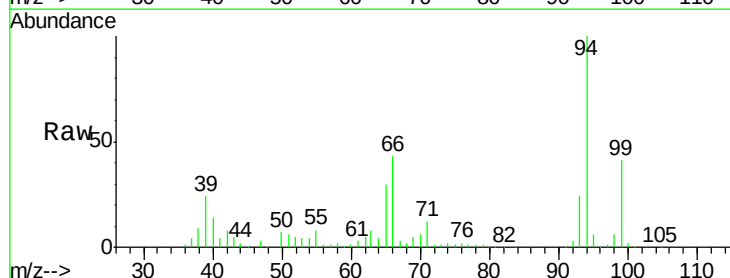
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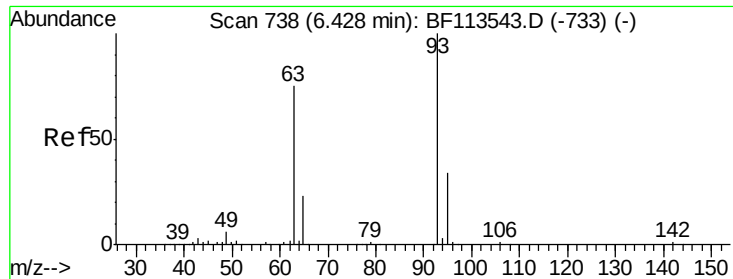
Delta R.T. 0.00 min

Lab File: BF113675.D

Acq: 9 Apr 2019 21:52

Tgt Ion:	94	Resp:	306731
Ion	Ratio	Lower	Upper
94	100		
65	30.1	21.4	61.4
66	43.5	46.4	86.4#





#11

bis(2-Chloroethyl)ether

Concen: 41.818 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF113675.D

Acq: 9 Apr 2019 21:52

Instrument :

BNA_F

ClientSampleId :

TP-14-SMSD

Tgt Ion: 93 Resp: 280595
Ion Ratio Lower Upper

93 100

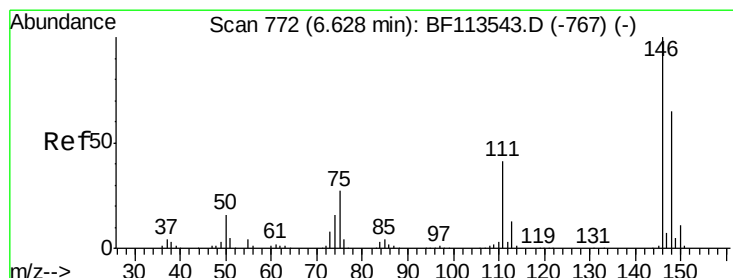
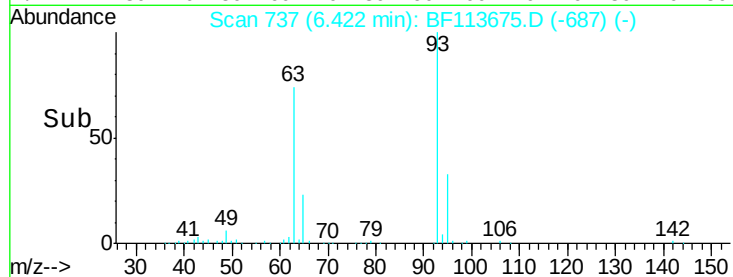
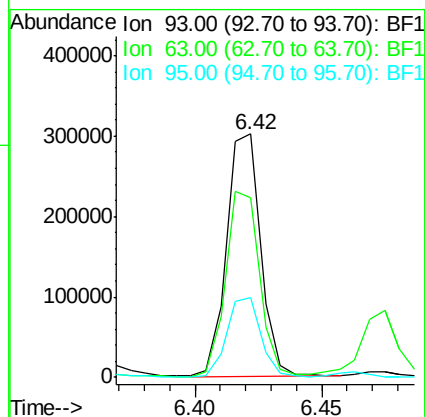
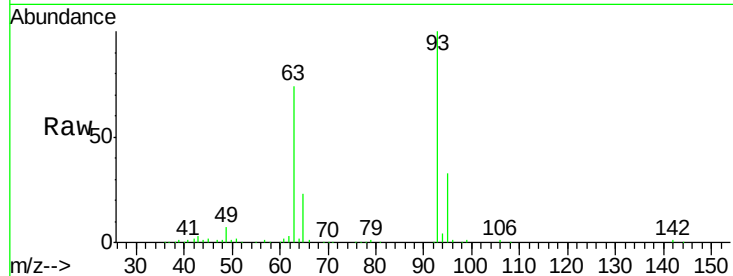
63 73.9 56.1 96.1

95 32.7 12.8 52.8

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#12

1,3-Dichlorobenzene

Concen: 38.414 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF113675.D

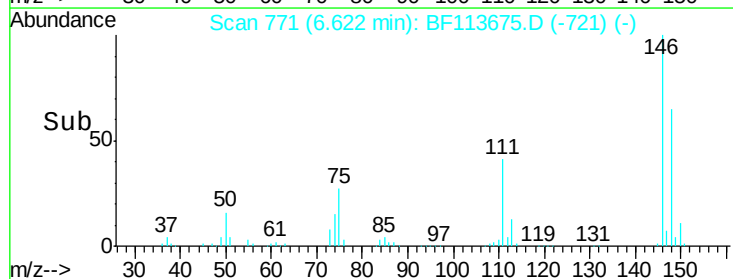
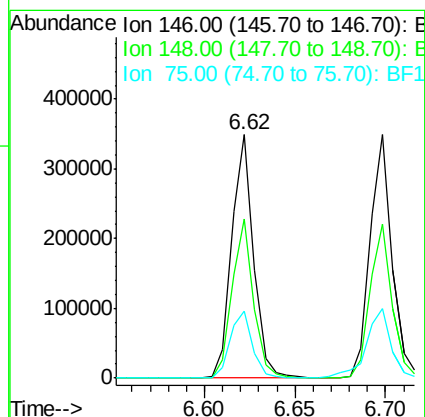
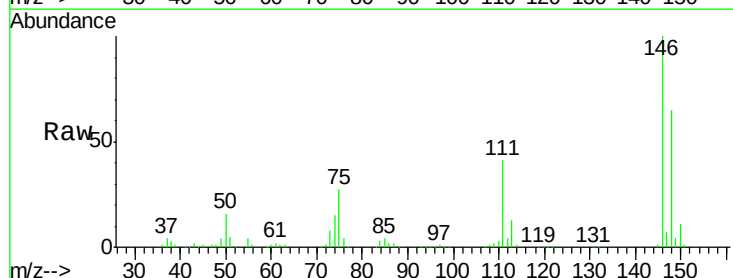
Acq: 9 Apr 2019 21:52

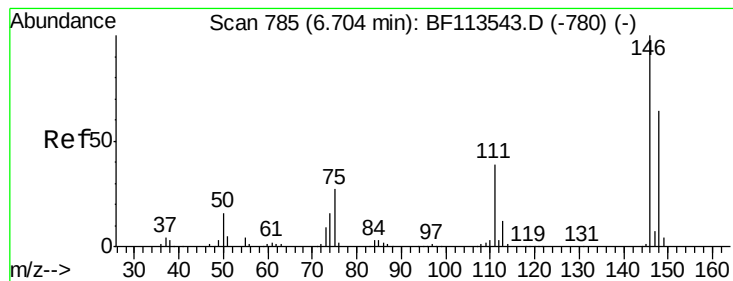
Tgt Ion: 146 Resp: 293295
Ion Ratio Lower Upper

146 100

148 65.4 51.4 77.0

75 27.4 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 38.950 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF113675.D

Acq: 9 Apr 2019 21:52

Instrument :

BNA_F

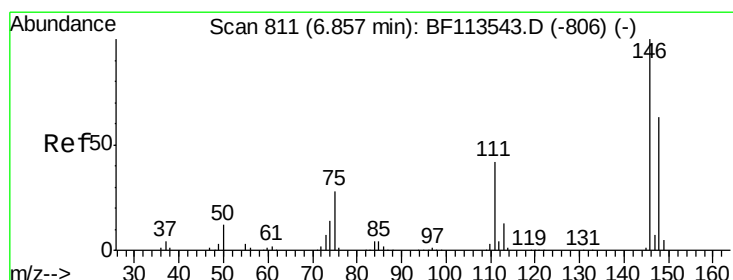
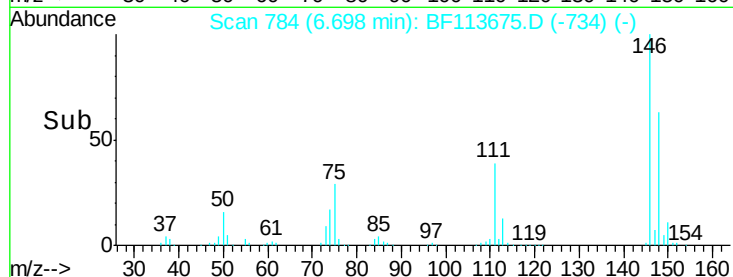
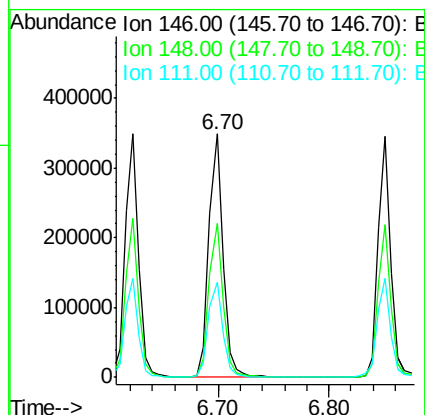
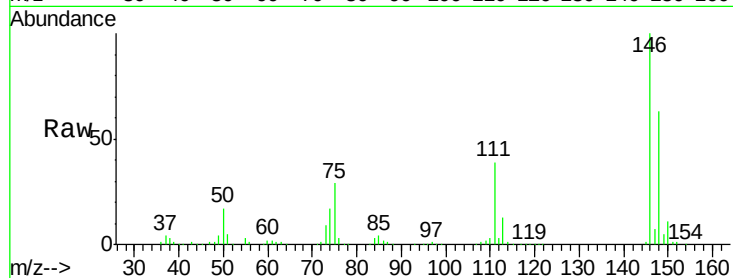
ClientSampleId :

TP-14-SMSD

Tgt Ion:	146	Resp:	300523
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.1	76.7
111	39.0	32.8	49.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.367 ng

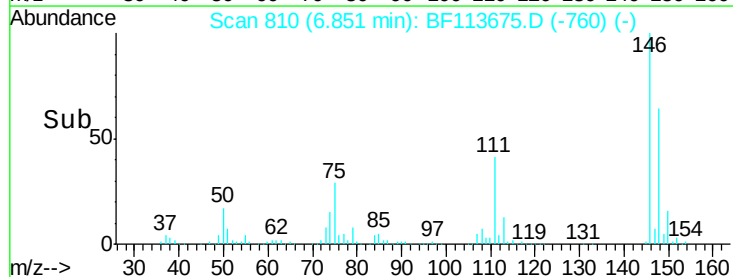
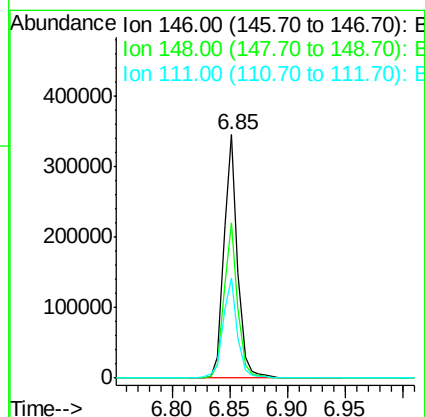
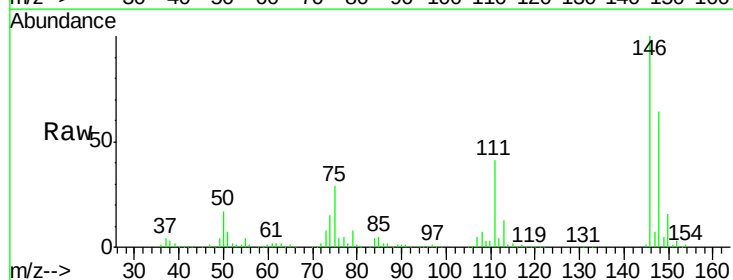
RT: 6.85 min Scan# 810

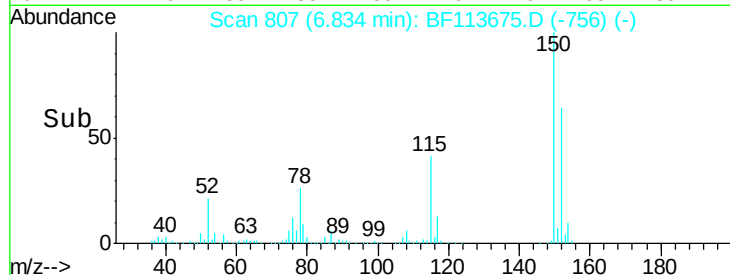
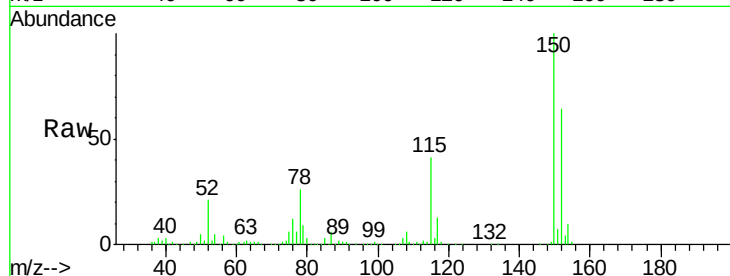
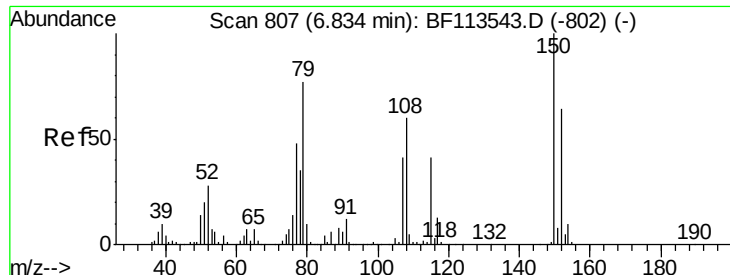
Delta R.T. -0.01 min

Lab File: BF113675.D

Acq: 9 Apr 2019 21:52

Tgt Ion:	146	Resp:	281132
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.2	75.4
111	41.3	35.4	53.2





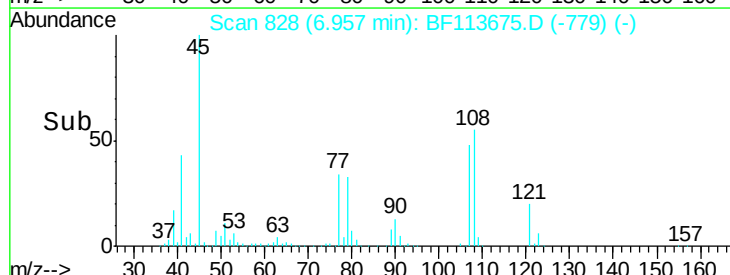
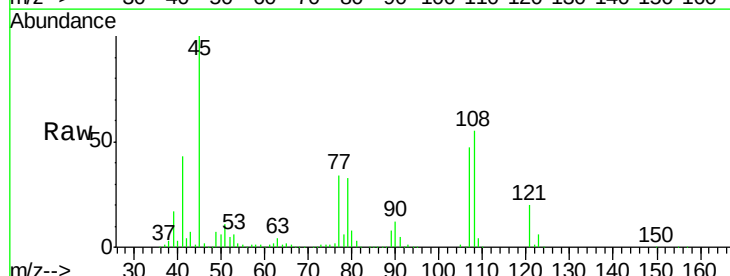
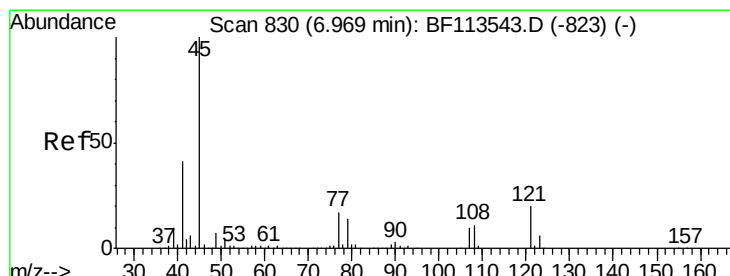
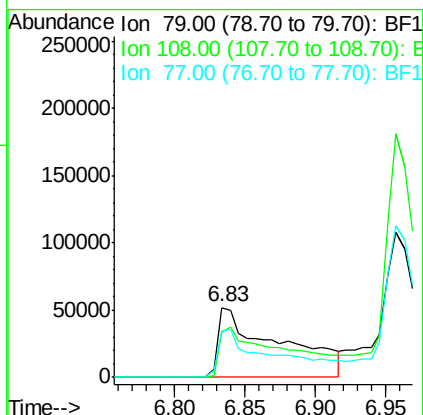
#15
Benzyl Alcohol
Concen: 30.295 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF113675.D
Acq: 9 Apr 2019 21:52

Tgt Ion	Ratio	Lower	Upper
79	100		
108	65.0	62.0	93.0
77	67.0	49.9	74.9

Instrument :
BNA_F
ClientSampled :
TP-14-SMSD

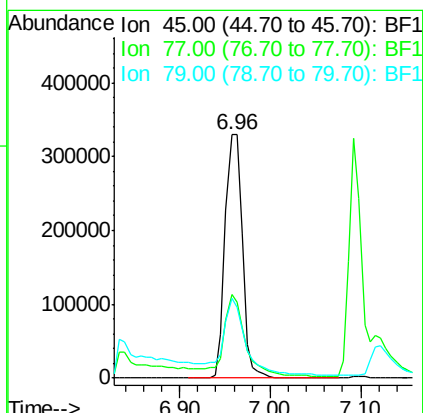
Manual Integrations
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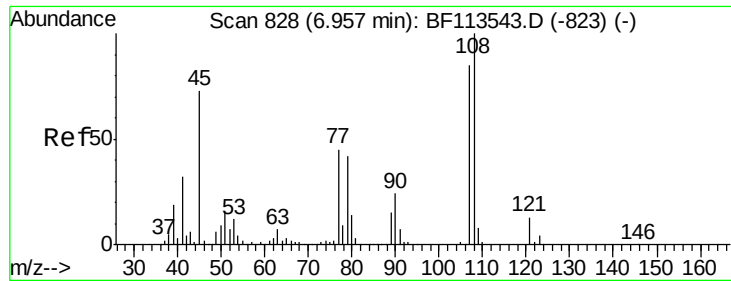
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.420 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF113675.D
Acq: 9 Apr 2019 21:52

Tgt Ion	Ratio	Lower	Upper
45	100		
77	34.3	0.0	36.6
79	32.7	0.0	34.0





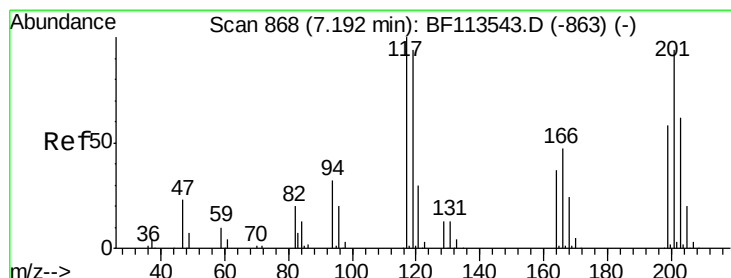
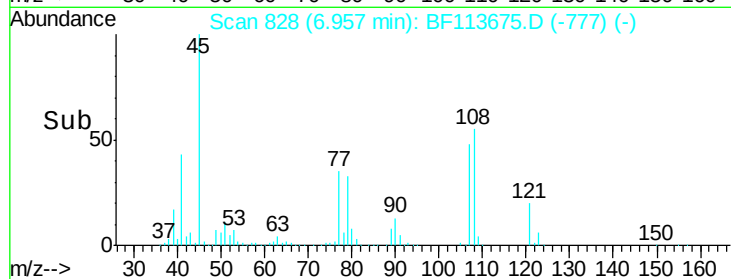
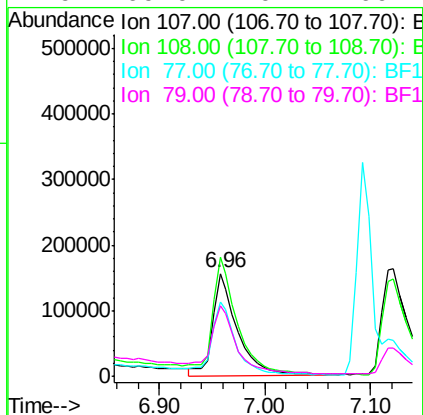
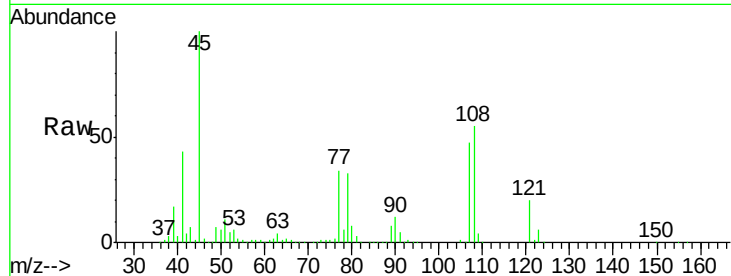
#17
 2-Methylphenol
 Concen: 47.373 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF113675.D
 Acq: 9 Apr 2019 21:52

Instrument :
 BNA_F
 ClientSampled :
 TP-14-SMSD

Tgt Ion:	107	Resp:	260285
Ion Ratio	Lower	Upper	
107	100		
108	115.6	93.4	140.0
77	72.2	41.2	61.8#
79	69.0	40.1	60.1#

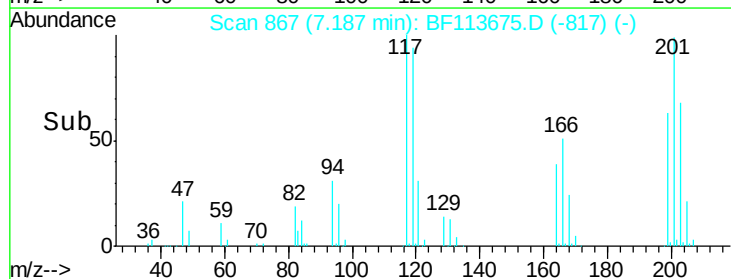
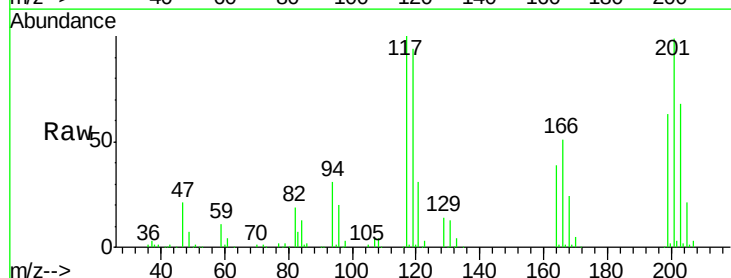
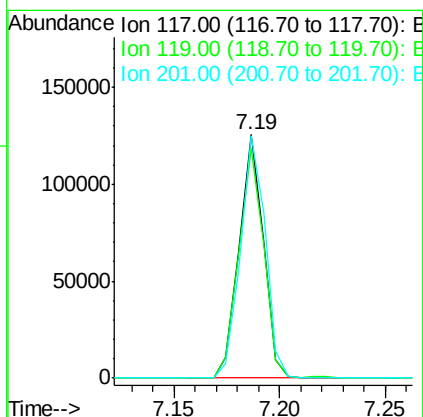
Manual Integrations
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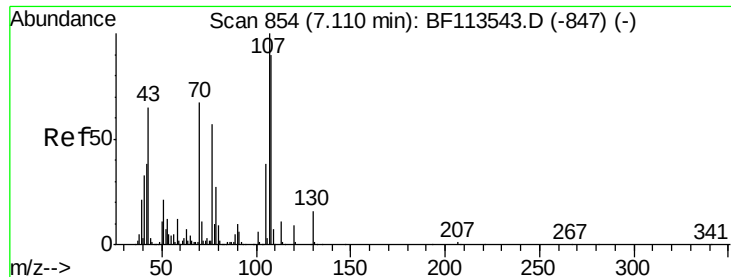
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#18
 Hexachloroethane
 Concen: 35.371 ng
 RT: 7.19 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BF113675.D
 Acq: 9 Apr 2019 21:52

Tgt Ion:	117	Resp:	99334
Ion Ratio	Lower	Upper	
117	100		
119	94.3	76.9	115.3
201	99.5	78.7	118.1





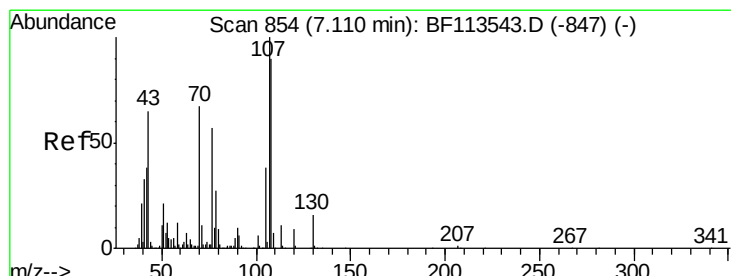
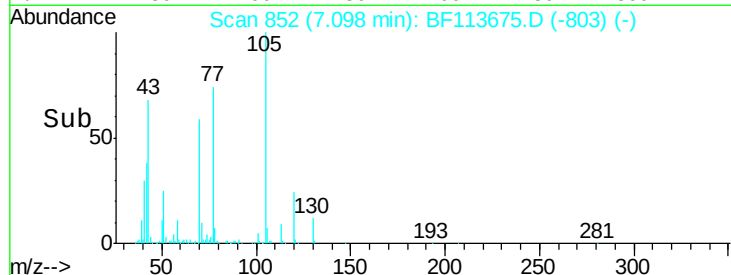
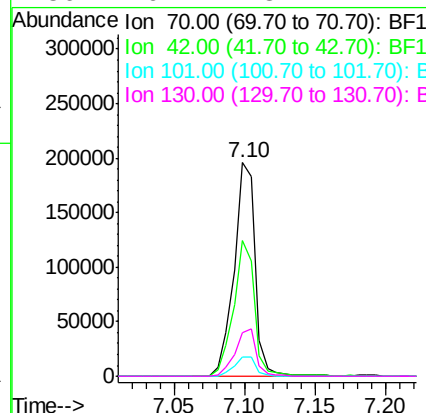
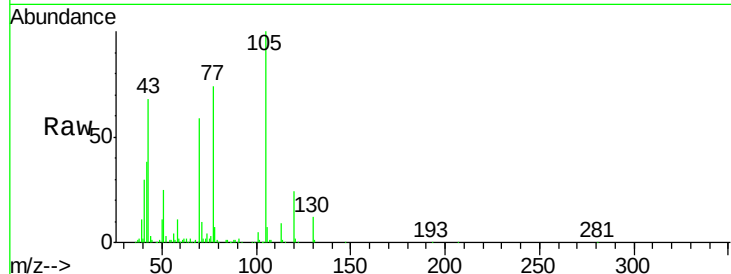
#19
n-Nitroso-di-n-propylamine
Concen: 43.827 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF113675.D
Acq: 9 Apr 2019 21:52

Instrument :
BNA_F
ClientSampleId :
TP-14-SMSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	63.4	48.4	72.6
101	9.2	7.8	11.8
130	20.4	18.2	27.4

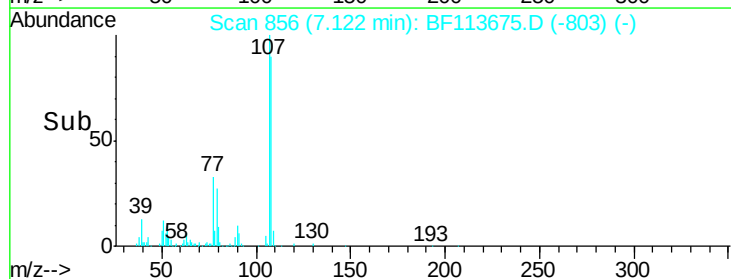
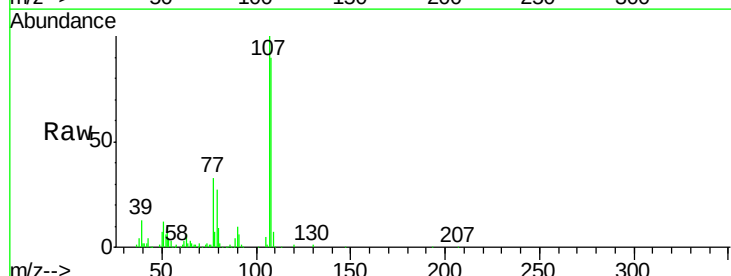
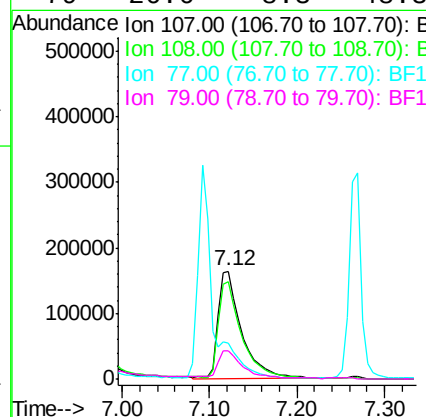
Manual Integrations
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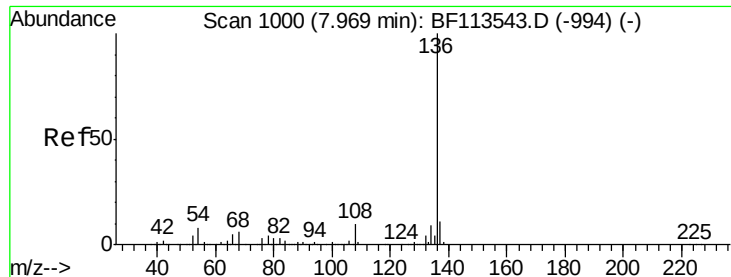
Sohil
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#20
3+4-Methylphenols
Concen: 45.409 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF113675.D
Acq: 9 Apr 2019 21:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.4	71.4	111.4
77	33.5	33.5	73.5#
79	26.6	8.3	48.3





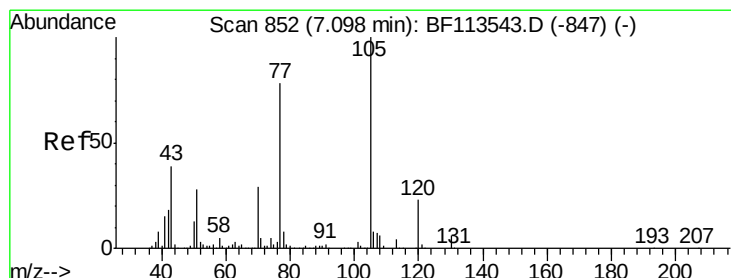
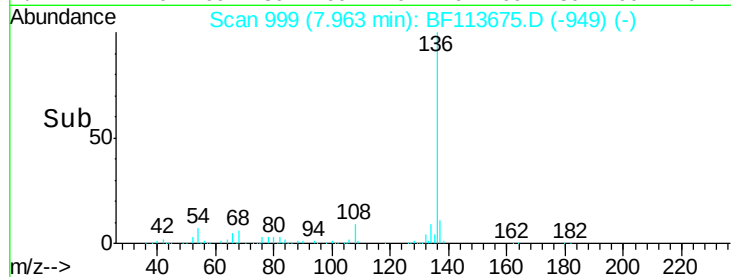
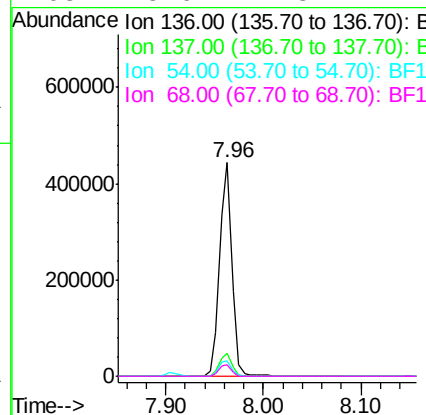
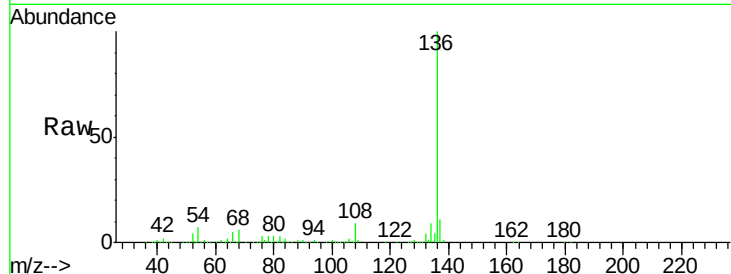
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF113675.D
Acq: 9 Apr 2019 21:52

Instrument :
BNA_F
ClientSampleId :
TP-14-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	387210		
137	10.8	8.9	13.3	
54	7.5	7.0	10.6	
68	5.6	4.8	7.2	

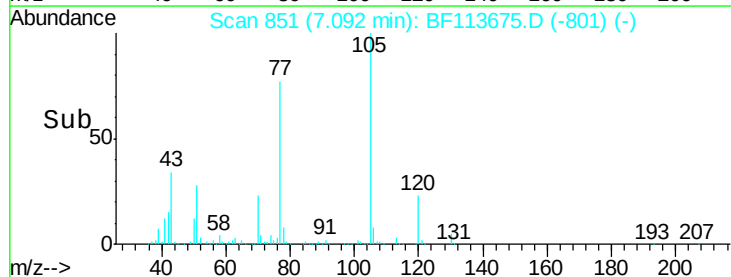
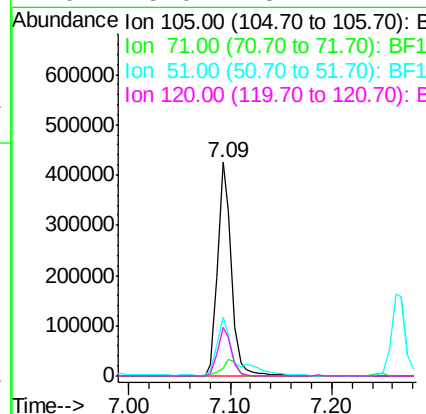
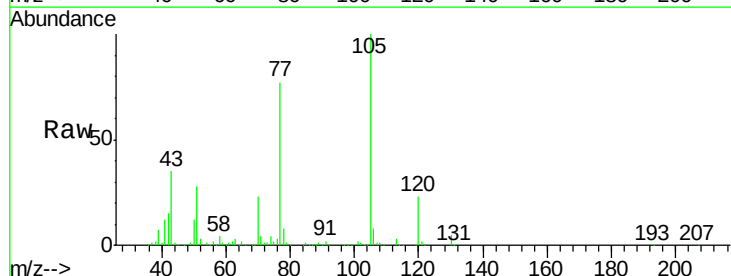
Manual Integrations
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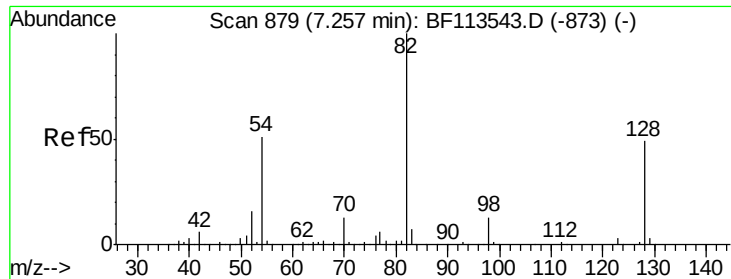
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#22
Acetophenone
Concen: 47.421 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF113675.D
Acq: 9 Apr 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	403286		
71	3.9	3.3	4.9	
51	27.7	24.2	36.2	
120	23.0	18.1	27.1	





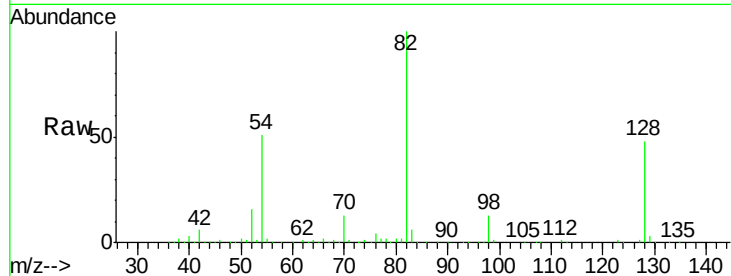
#23
 Nitrobenzene-d5
 Concen: 92.072 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF113675.D
 Acq: 9 Apr 2019 21:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-SMSD

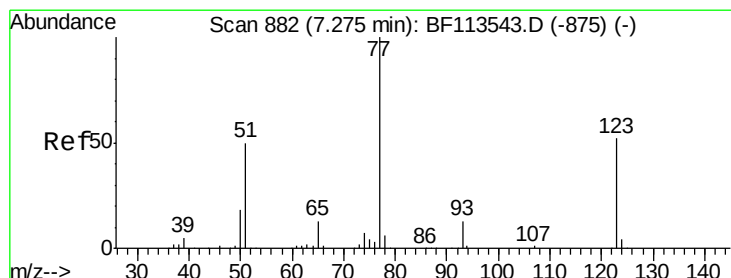
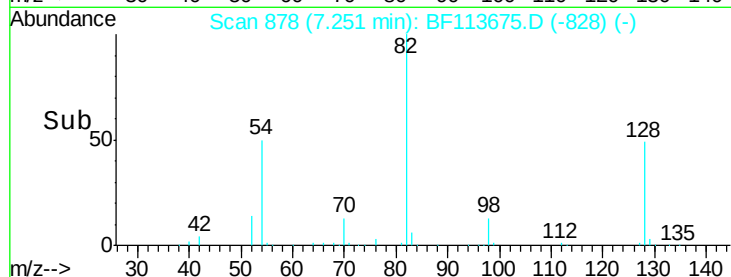
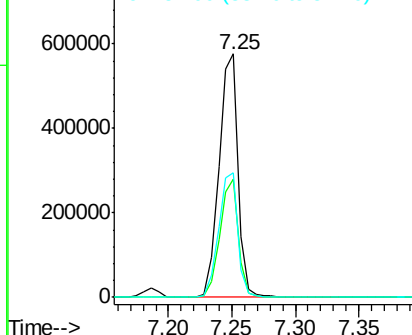
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	608638		
128	48.4	36.5	54.7	
54	51.1	42.2	63.2	

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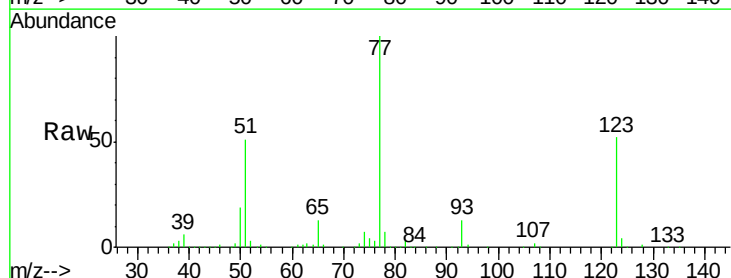


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

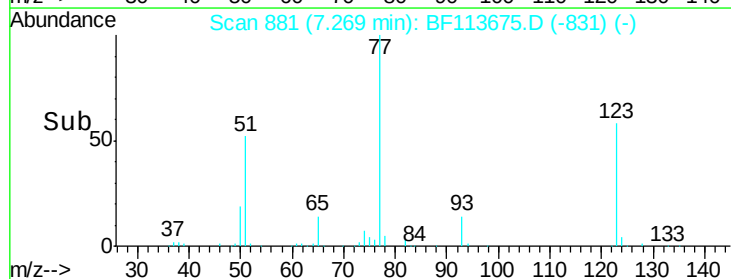
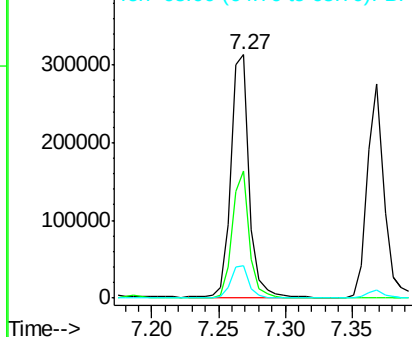


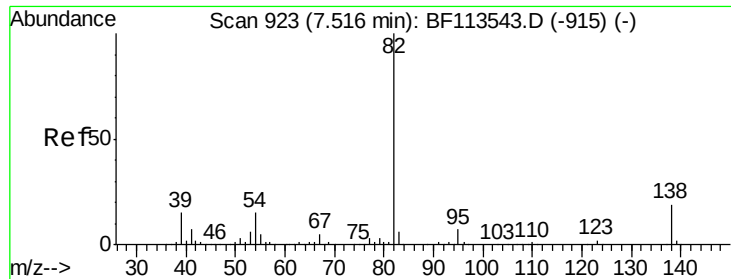
#24
 Nitrobenzene
 Concen: 44.072 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF113675.D
 Acq: 9 Apr 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	300029		
123	52.1	40.8	61.2	
65	13.1	10.6	16.0	



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





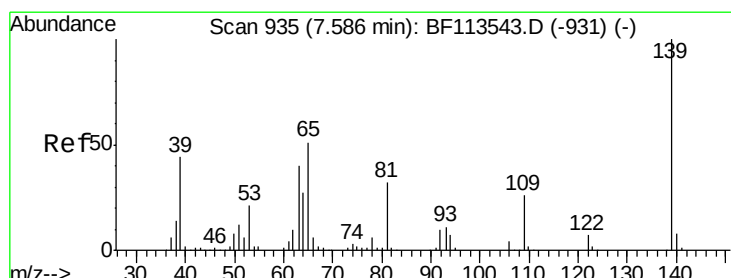
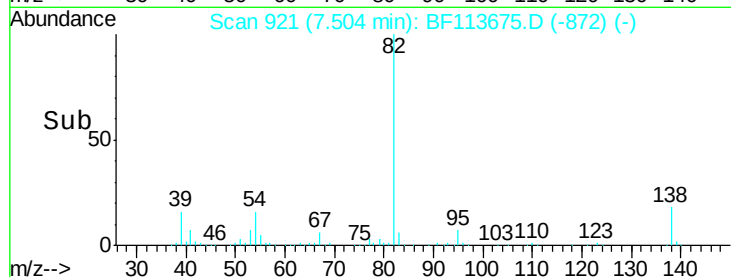
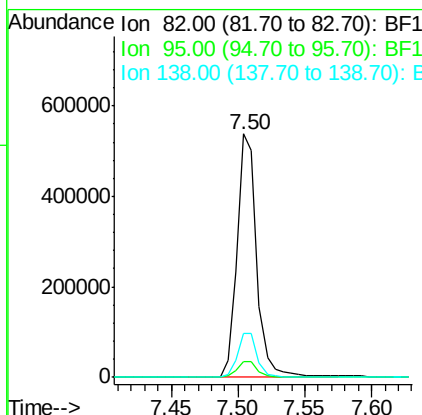
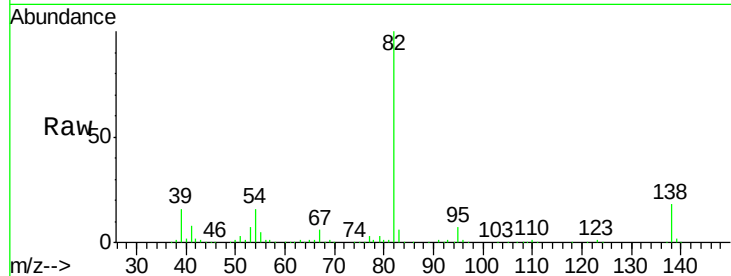
#25
Isophorone
Concen: 43.729 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF113675.D
Acq: 9 Apr 2019 21:52

Instrument :
BNA_F
ClientSampleId :
TP-14-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	556854		
95	6.7	5.5	8.3	
138	17.9	15.2	22.8	

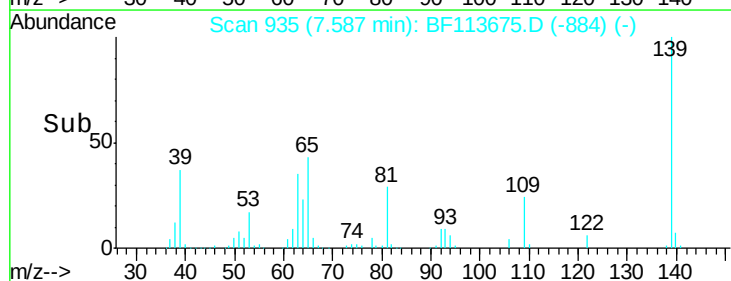
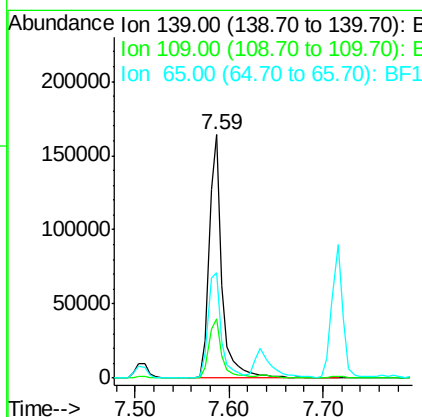
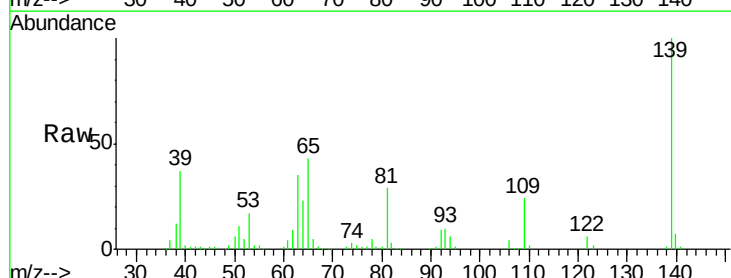
Manual Integrations
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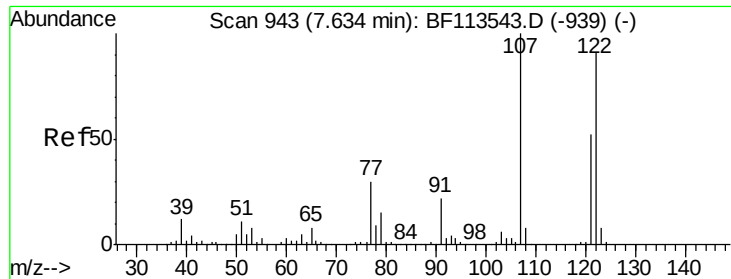
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#26
2-Nitrophenol
Concen: 42.687 ng
RT: 7.59 min Scan# 935
Delta R.T. 0.00 min
Lab File: BF113675.D
Acq: 9 Apr 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	156402		
109	24.4	21.7	32.5	
65	43.5	41.6	62.4	





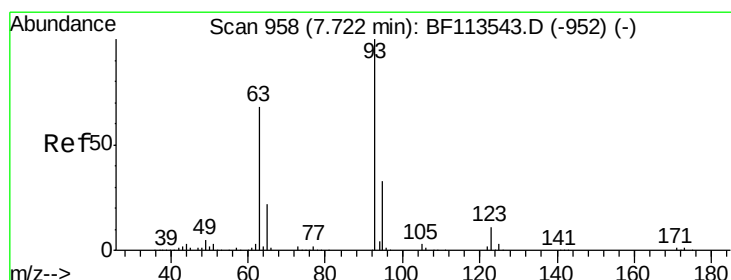
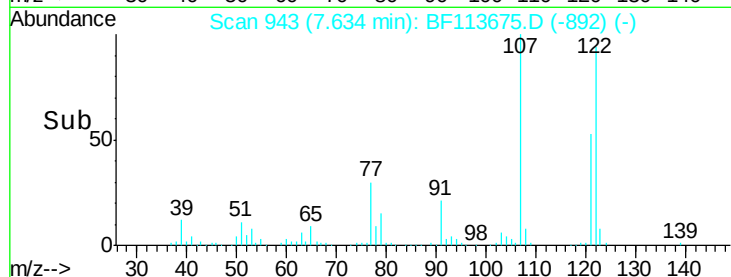
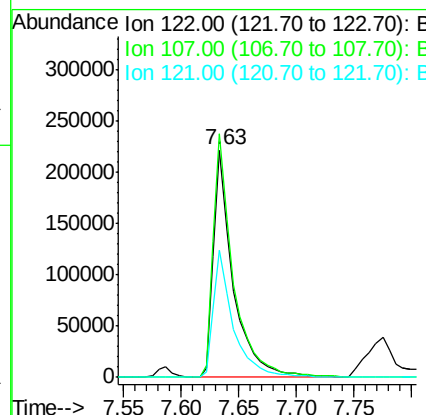
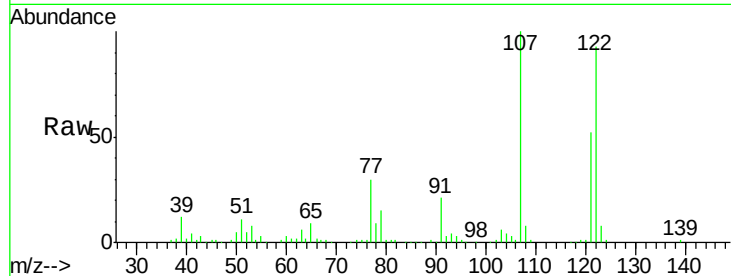
#27
 2,4-Dimethylphenol
 Concen: 49.758 ng
 RT: 7.63 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF113675.D
 Acq: 9 Apr 2019 21:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	260630		
107	107.1	88.8	133.2	
121	56.1	45.5	68.3	

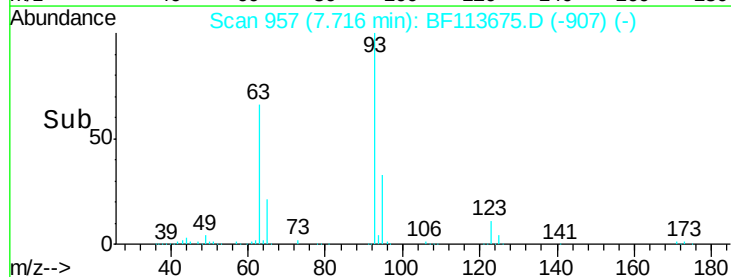
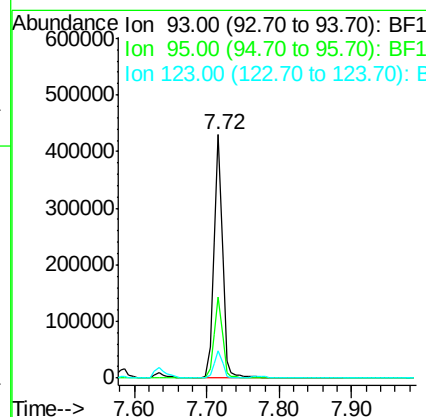
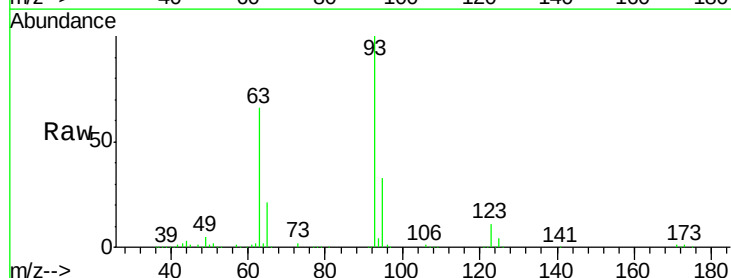
Manual Integrations
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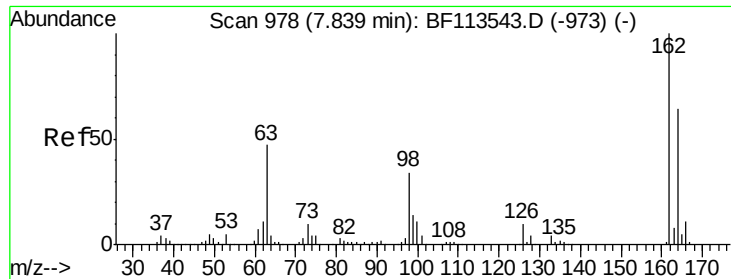
Sohil
 4/10/2019 6:20:42 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.482 ng
 RT: 7.72 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BF113675.D
 Acq: 9 Apr 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	358122		
95	33.0	26.0	39.0	
123	11.2	9.1	13.7	





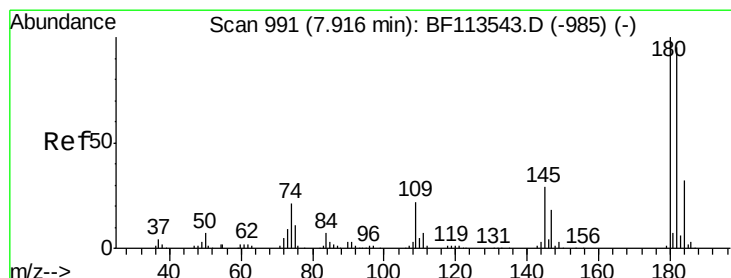
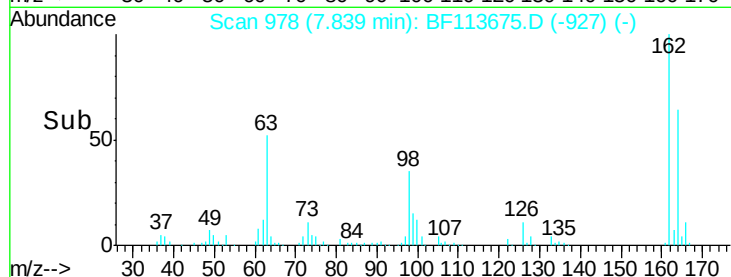
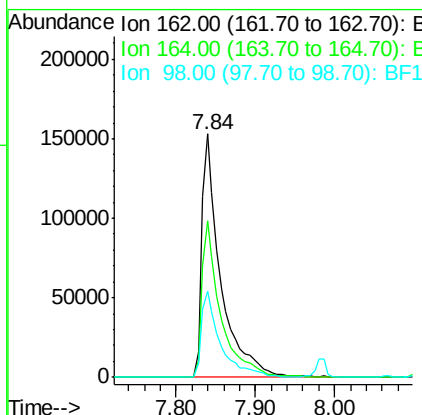
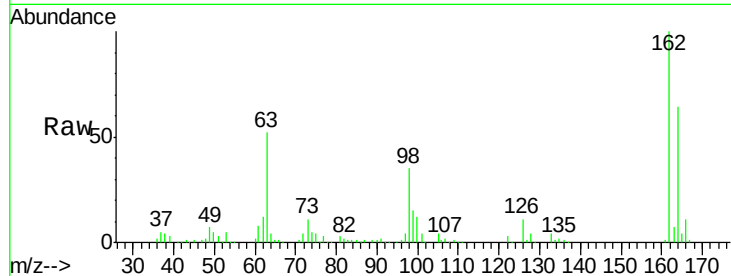
#29
 2,4-Dichlorophenol
 Concen: 45.381 ng
 RT: 7.84 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF113675.D
 Acq: 9 Apr 2019 21:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-SMSD

Tgt Ion:	162	Resp:	254330
Ion Ratio	Lower	Upper	
162	100		
164	64.2	44.6	84.6
98	35.2	15.6	55.6

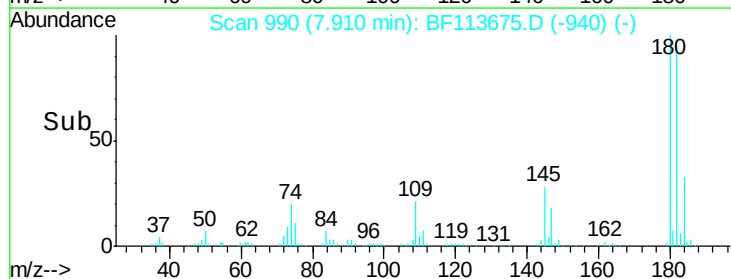
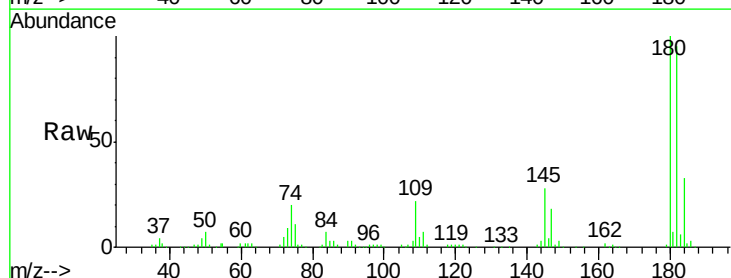
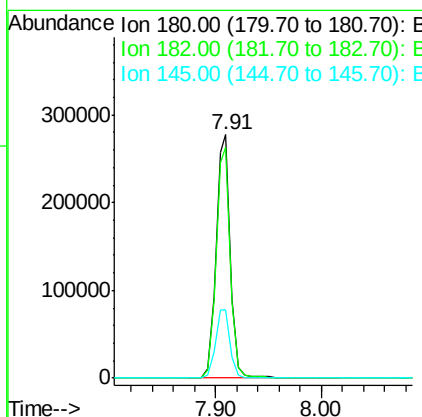
Manual Integrations
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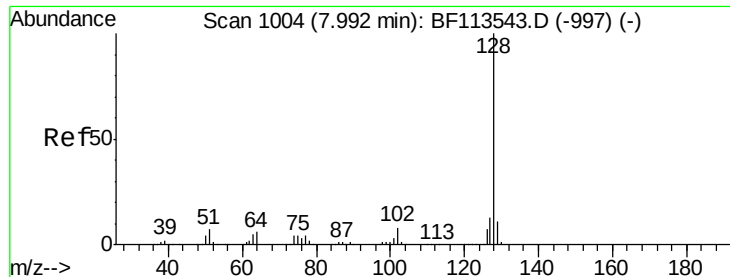
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.738 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF113675.D
 Acq: 9 Apr 2019 21:52

Tgt Ion:	180	Resp:	266192
Ion Ratio	Lower	Upper	
180	100		
182	94.6	74.6	111.8
145	28.0	23.4	35.0





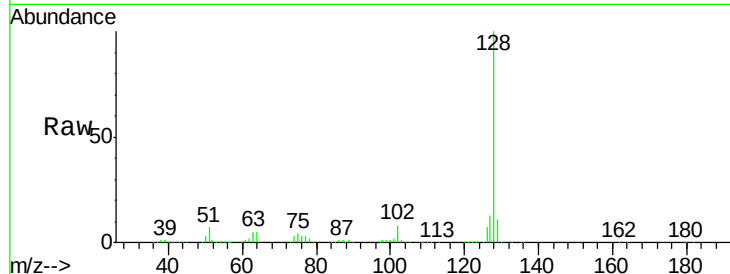
#31
Naphthalene
Concen: 45.455 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF113675.D
Acq: 9 Apr 2019 21:52

Instrument :
BNA_F
ClientSampleId :
TP-14-SMSD

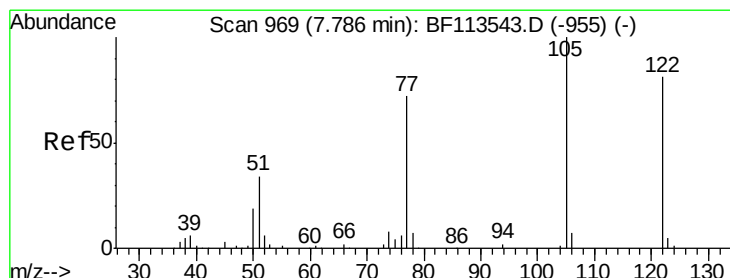
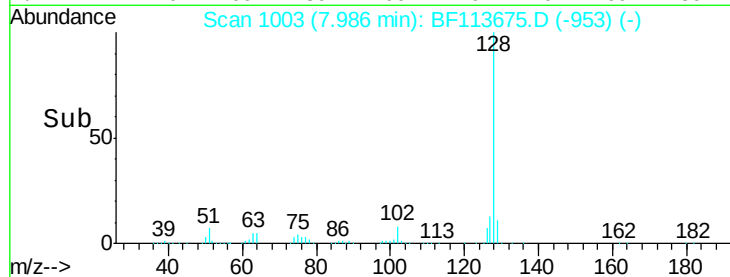
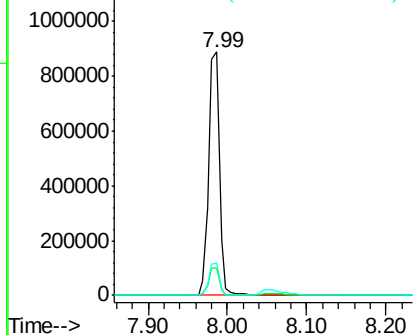
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	852798		
129	11.0	9.3	13.9	
127	13.1	10.9	16.3	

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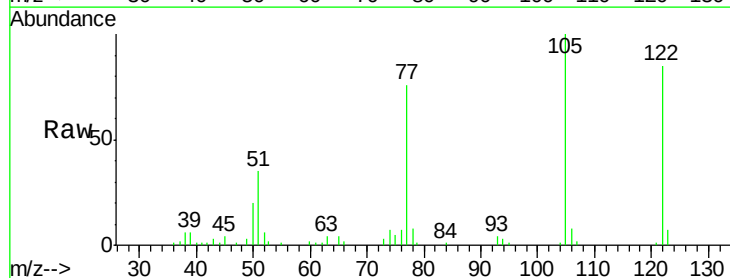


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

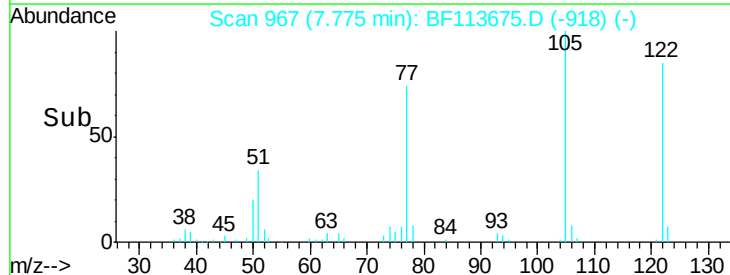
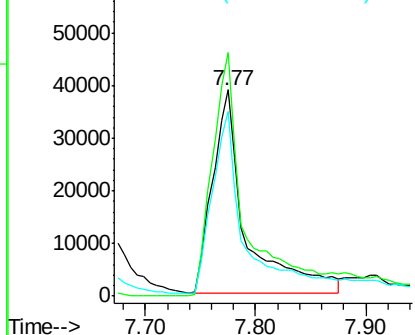


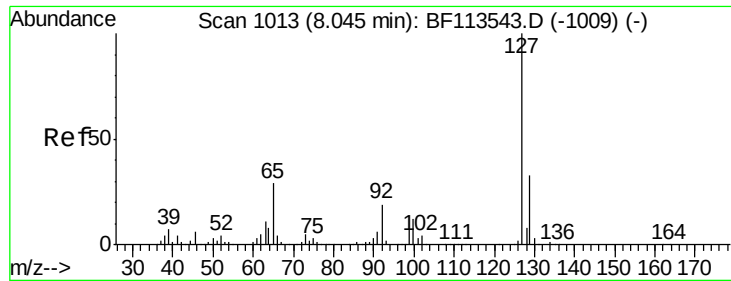
#32
Benzoic acid
Concen: 19.887 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF113675.D
Acq: 9 Apr 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	80661		
105	118.2	100.4	140.4	
77	89.9	69.0	109.0	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





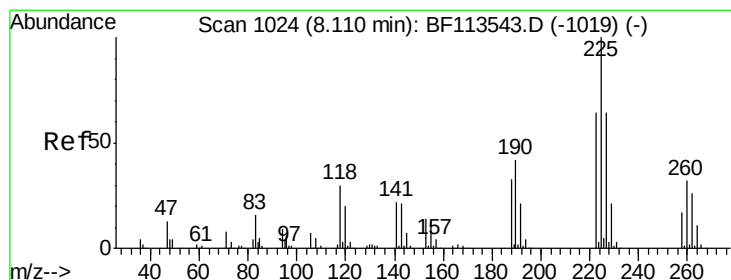
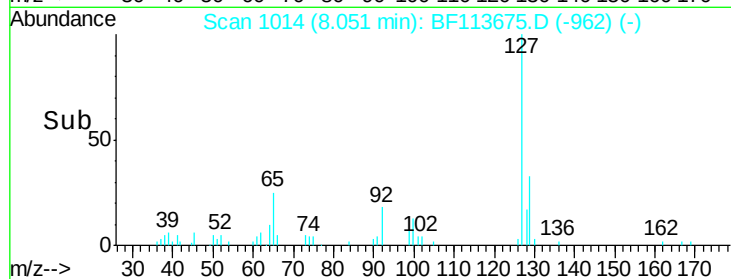
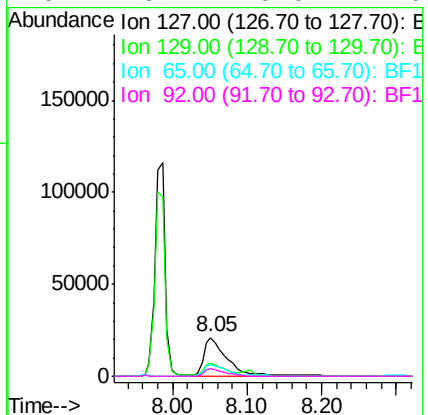
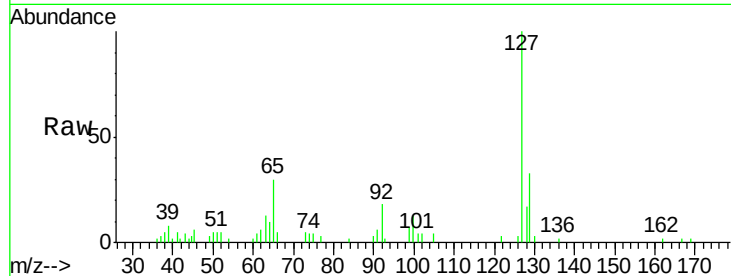
#33
4-Chloroaniline
Concen: 6.325 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BF113675.D
Acq: 9 Apr 2019 21:52

Instrument :
BNA_F
ClientSampleId :
TP-14-SMSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.3	39.5
65	29.6	24.2	36.4
92	18.2	15.0	22.6

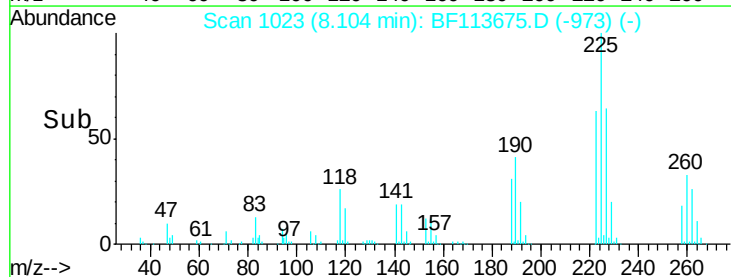
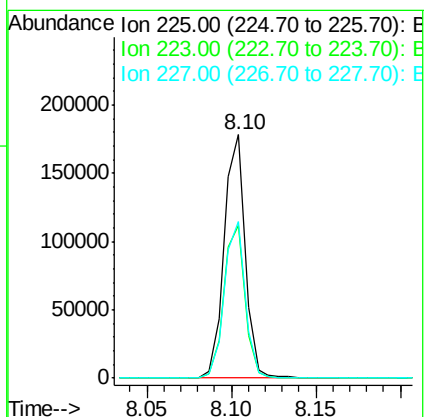
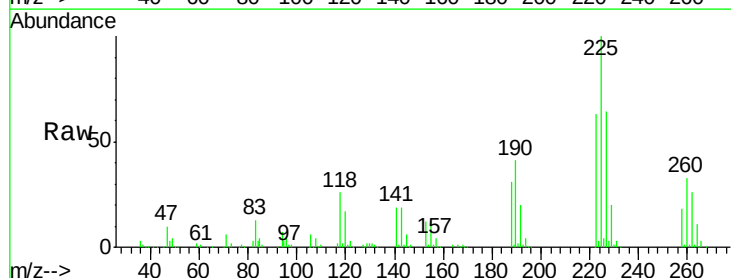
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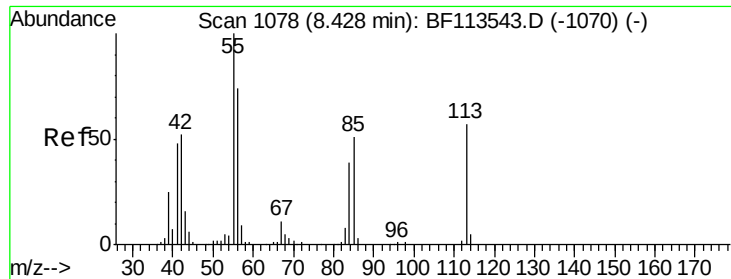
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#34
Hexachlorobutadiene
Concen: 41.698 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF113675.D
Acq: 9 Apr 2019 21:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.4	77.2
227	64.2	51.1	76.7





#35

Caprolactam

Concen: 35.783 ng m

RT: 8.41 min Scan# 1075

Delta R.T. -0.02 min

Lab File: BF113675.D

Acq: 9 Apr 2019 21:52

Instrument :

BNA_F

ClientSampleId :

TP-14-SMSD

Tgt Ion:113 Resp: 63659

Ion Ratio Lower Upper

113 100

55 177.3 152.7 192.7

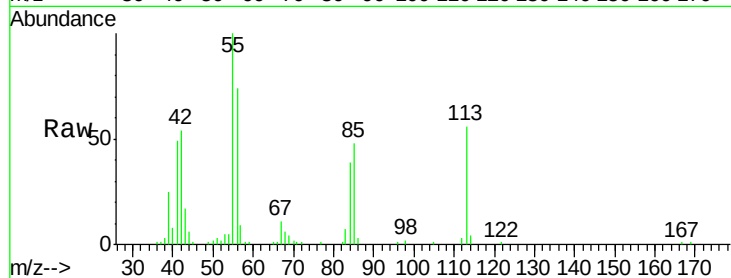
56 131.1 108.3 148.3

Manual Integrations

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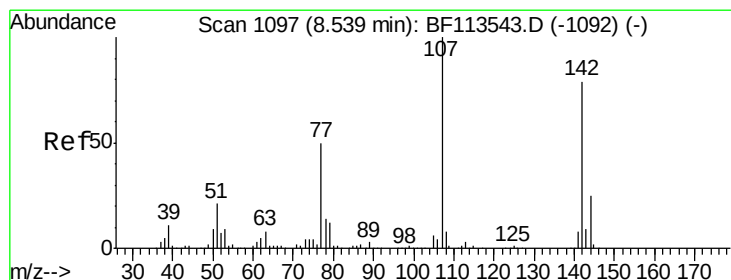
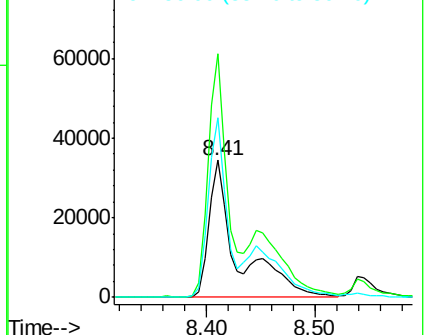
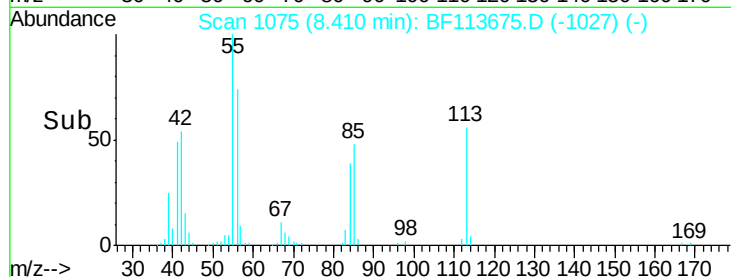
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 44.987 ng

RT: 8.54 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BF113675.D

Acq: 9 Apr 2019 21:52

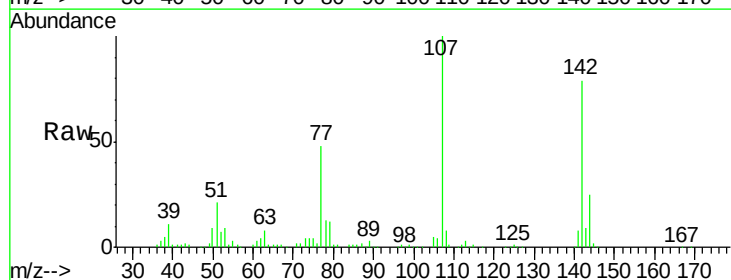
Tgt Ion:107 Resp: 253091

Ion Ratio Lower Upper

107 100

144 24.8 21.4 32.0

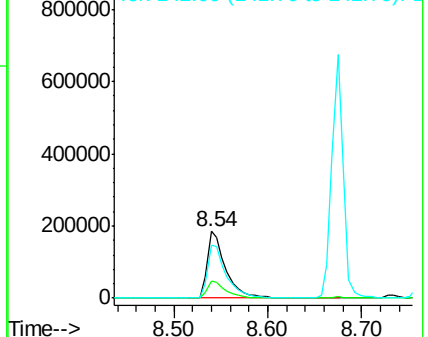
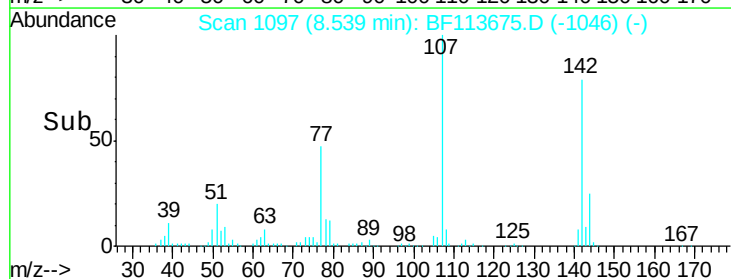
142 79.5 65.6 98.4

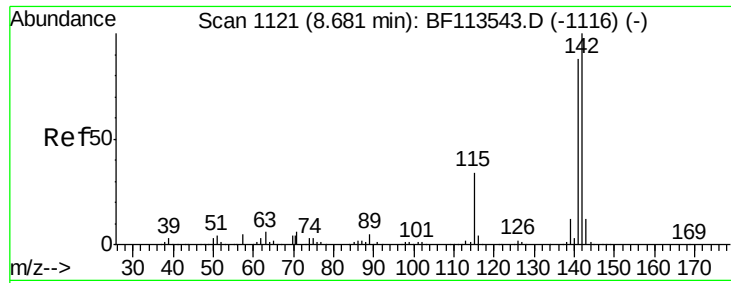


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





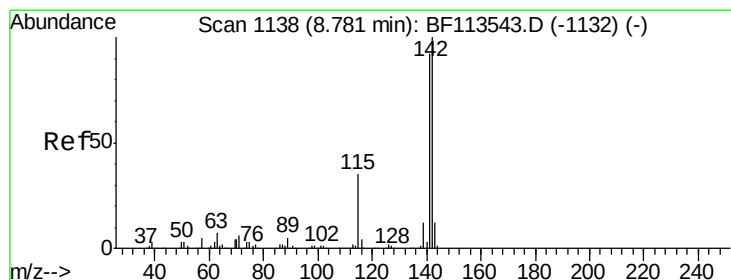
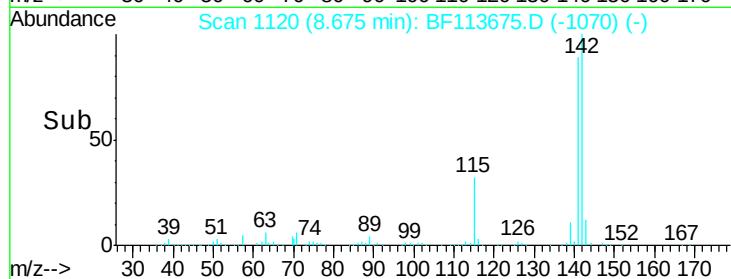
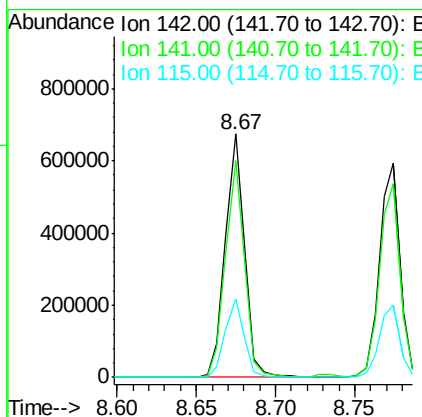
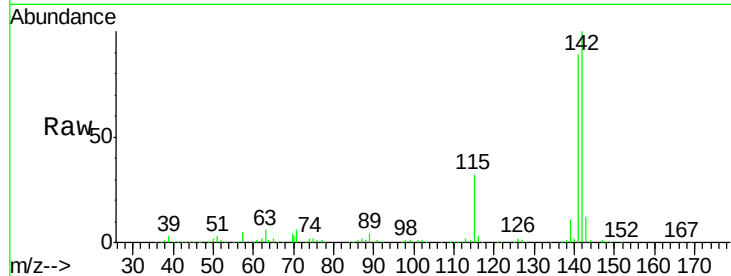
#37
2-Methylnaphthalene
Concen: 45.924 ng
RT: 8.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF113675.D
Acq: 9 Apr 2019 21:52

Instrument :
BNA_F
ClientSampleId :
TP-14-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	566670		
141	89.2	71.0	106.6	
115	32.4	26.6	39.8	

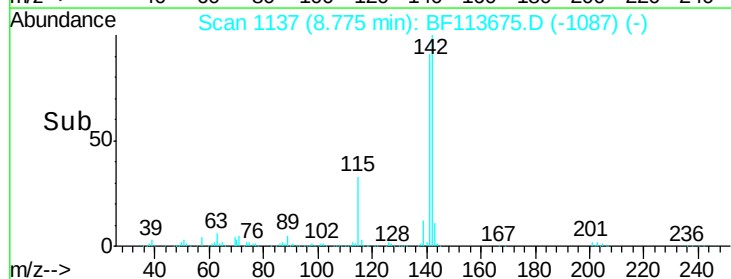
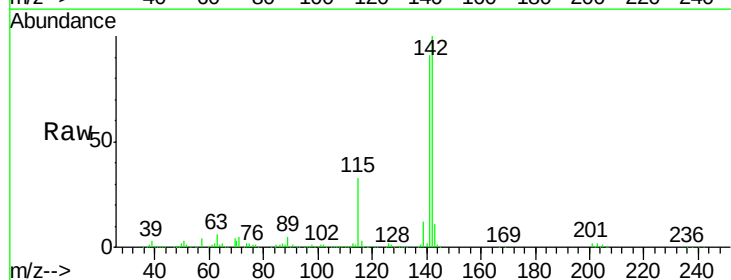
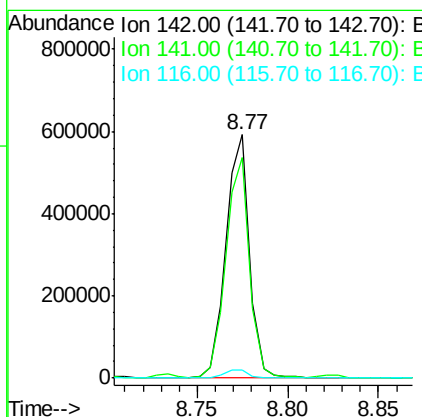
Manual Integrations
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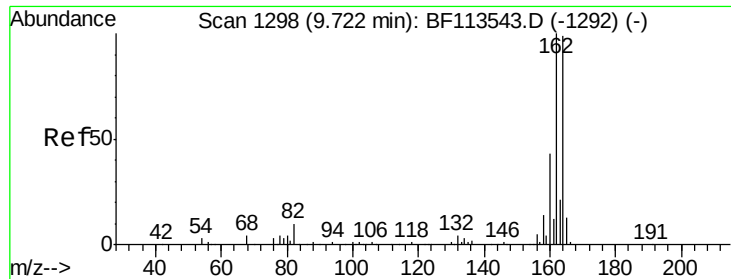
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#38
1-Methylnaphthalene
Concen: 44.779 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF113675.D
Acq: 9 Apr 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	532787		
141	90.6	73.2	109.8	
116	3.5	3.0	4.4	





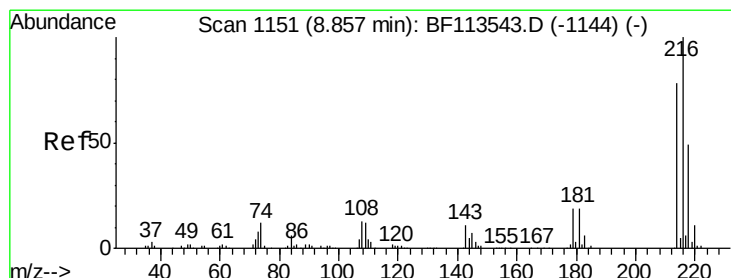
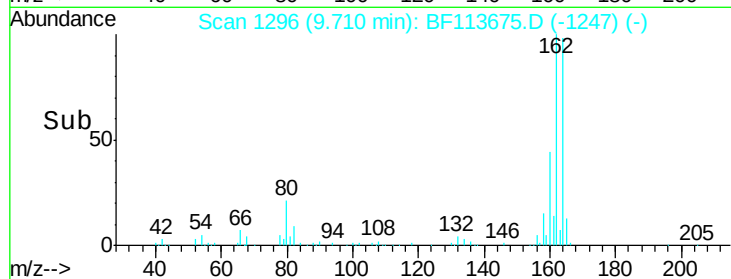
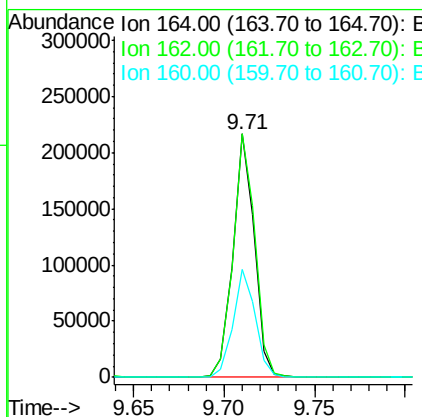
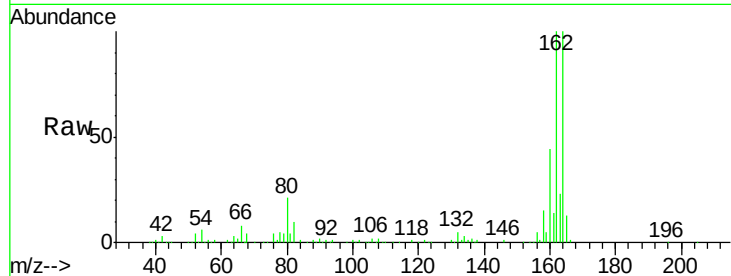
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF113675.D
 Acq: 9 Apr 2019 21:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.1	178636	81.8	122.6
160	44.3		36.4	54.6

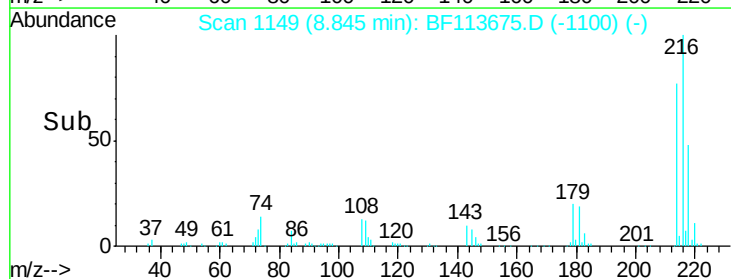
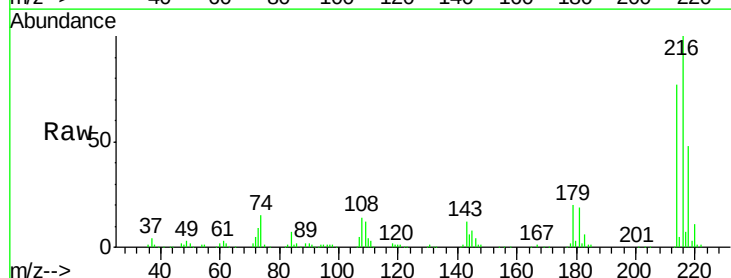
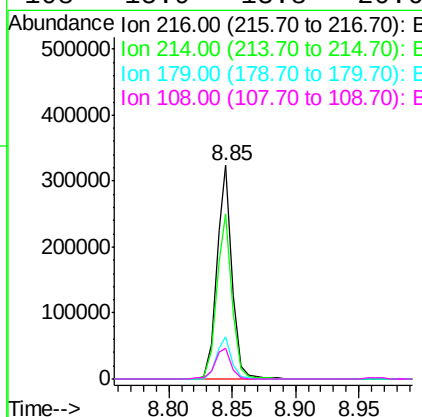
Manual Integrations
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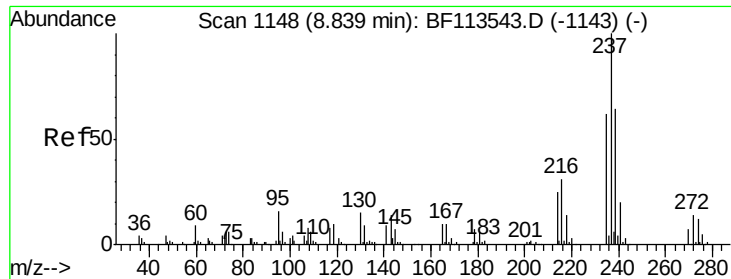
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.897 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF113675.D
 Acq: 9 Apr 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	270936		
214	78.5		63.0	94.6
179	19.9		16.8	25.2
108	15.9		13.8	20.6





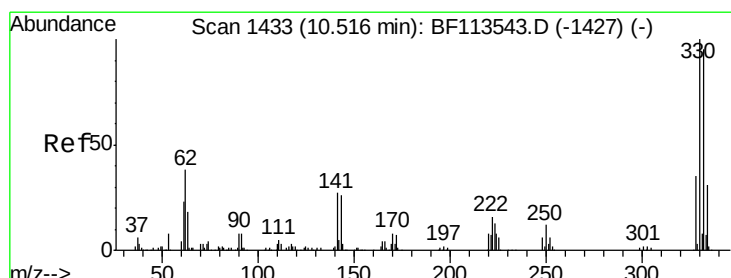
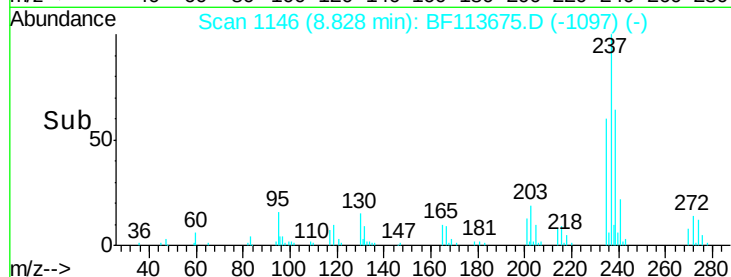
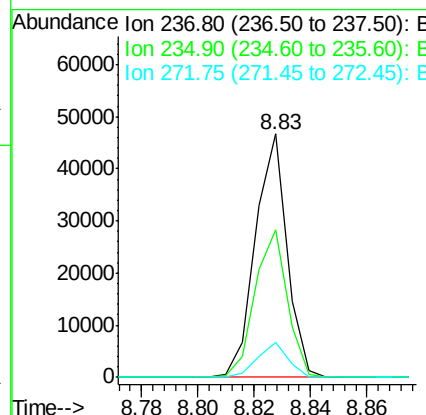
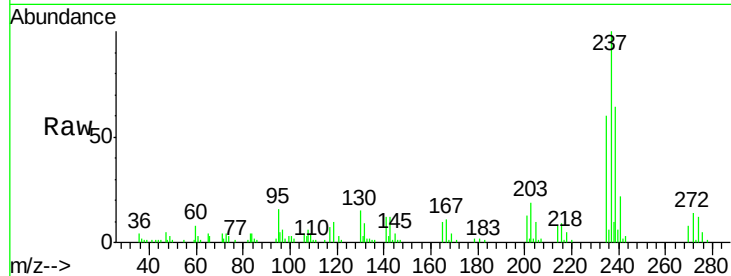
#41
Hexachlorocyclopentadiene
Concen: 28.283 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF113675.D
Acq: 9 Apr 2019 21:52

Instrument :
BNA_F
ClientSampleId :
TP-14-SMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	60.5	43.4	83.4
272	14.2	0.0	33.7

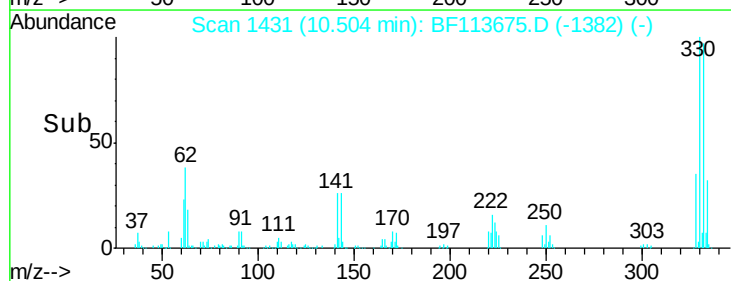
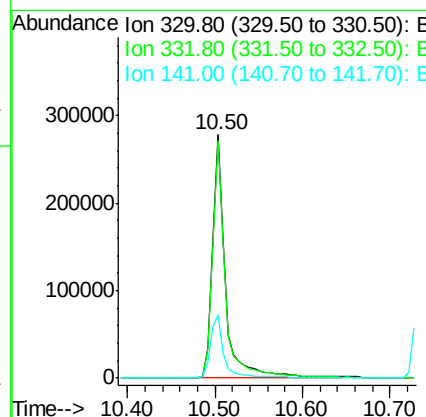
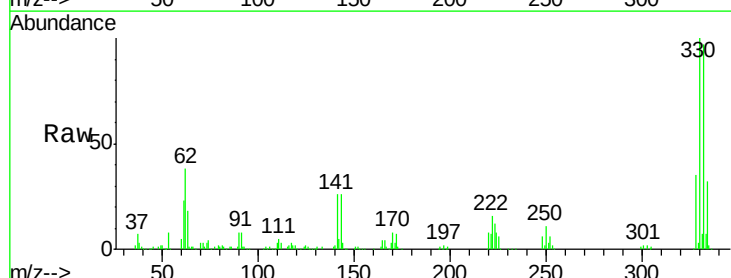
Manual Integrations
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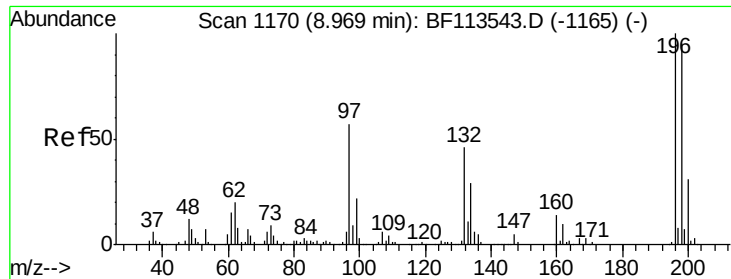
Sohil
4/10/2019 6:20:42 PM



#42
2,4,6-Tribromophenol
Concen: 134.992 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF113675.D
Acq: 9 Apr 2019 21:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	98.2	77.8	116.6
141	26.0	22.7	34.1





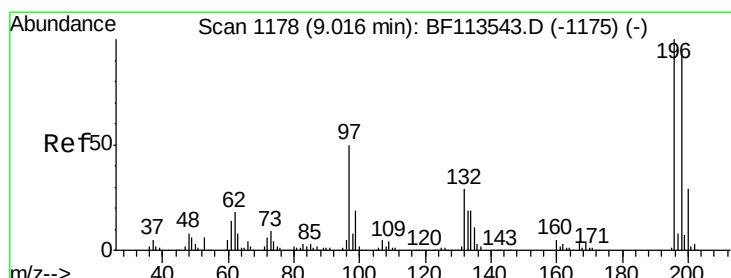
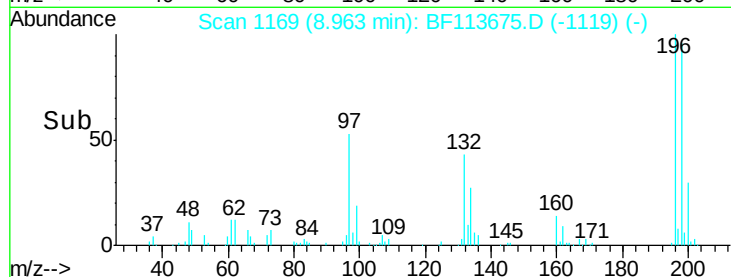
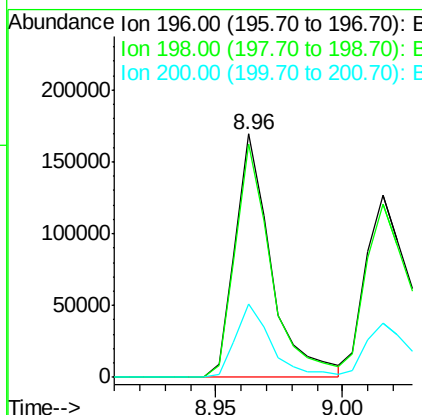
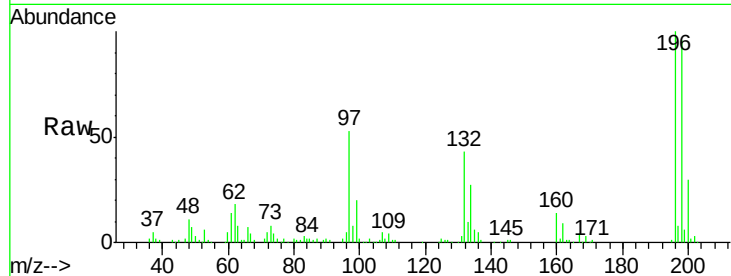
#43
 2,4,6-Trichlorophenol
 Concen: 45.826 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF113675.D
 Acq: 9 Apr 2019 21:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	167117		
198	95.8	77.7	116.5	
200	30.1	24.9	37.3	

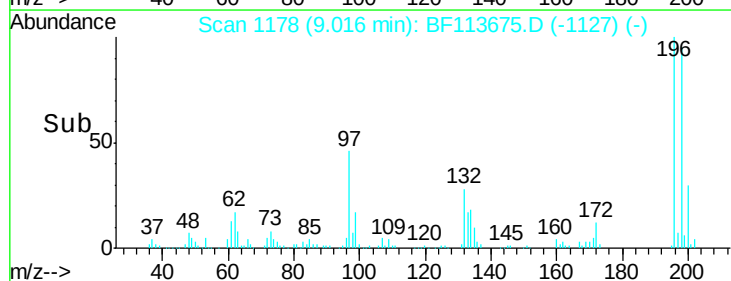
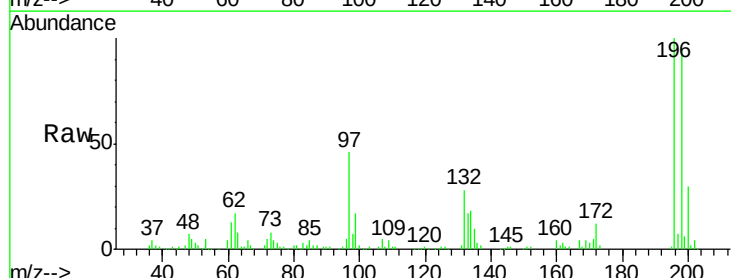
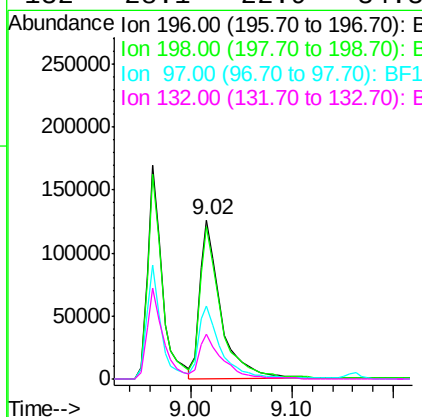
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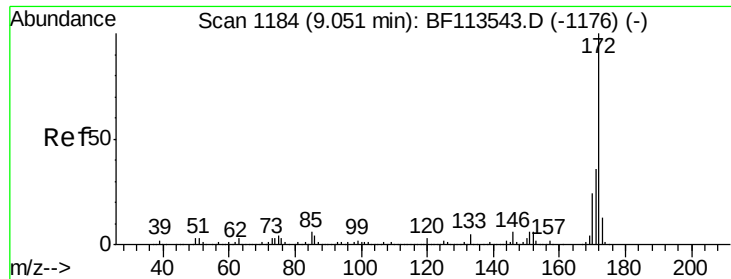
Sohil
 4/10/2019 6:20:42 PM



#44
 2,4,5-Trichlorophenol
 Concen: 46.044 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF113675.D
 Acq: 9 Apr 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	180266		
198	95.3	75.4	113.2	
97	45.8	38.6	58.0	
132	28.1	22.9	34.3	





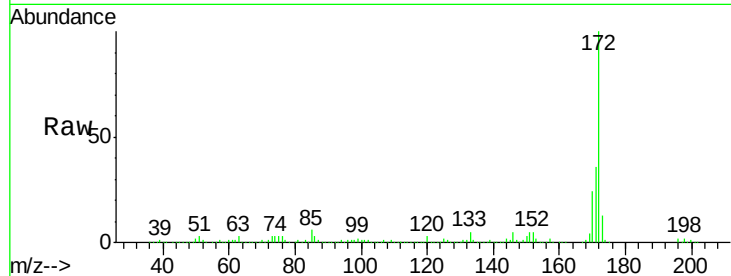
#45
2-Fluorobiphenyl
Concen: 102.870 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF113675.D
Acq: 9 Apr 2019 21:52

Instrument :
BNA_F
ClientSampleId :
TP-14-SMSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.3	19.5	29.3

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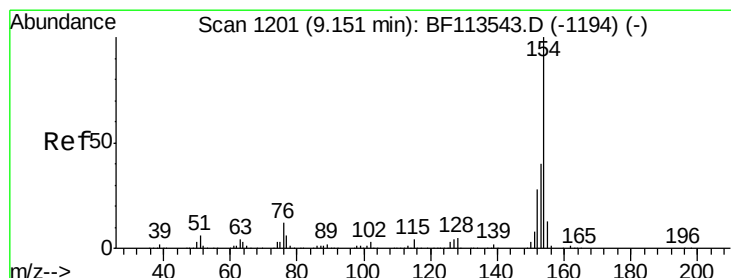
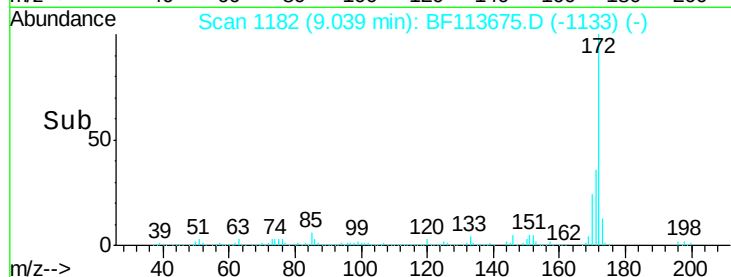
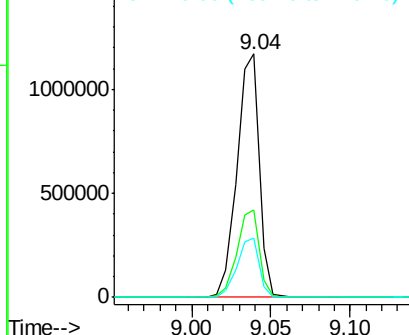


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 47.741 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF113675.D
Acq: 9 Apr 2019 21:52

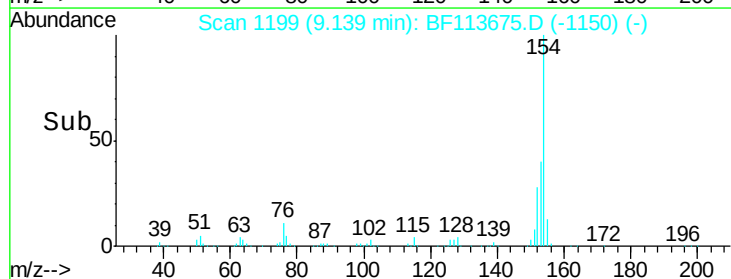
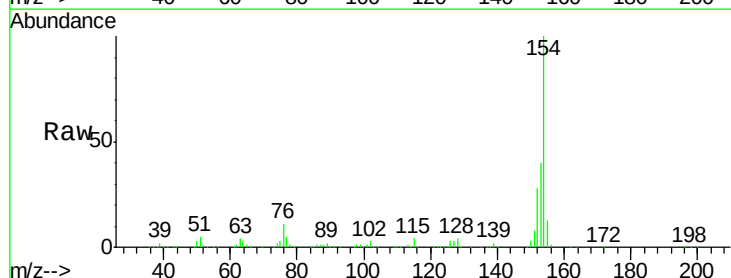
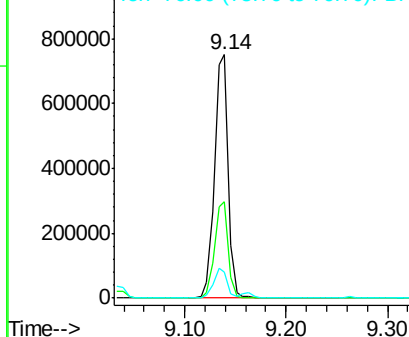
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.8	60.8
76	10.8	0.0	31.9

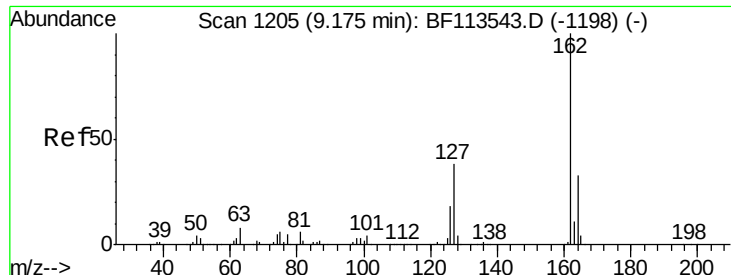
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





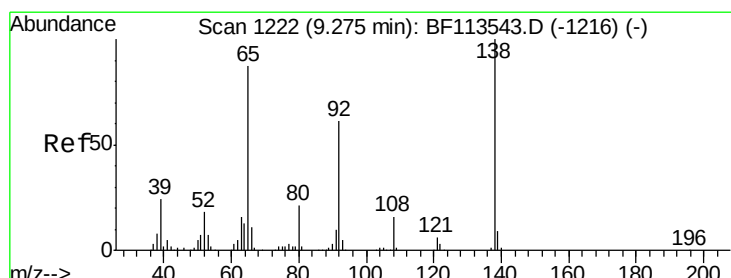
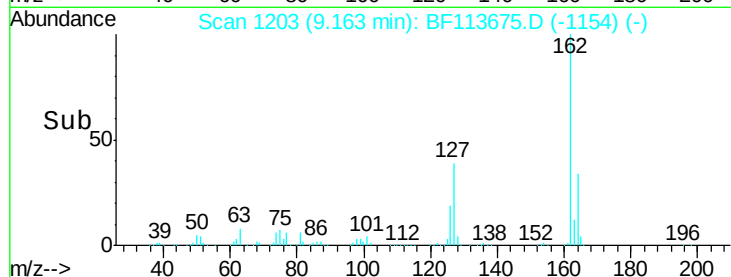
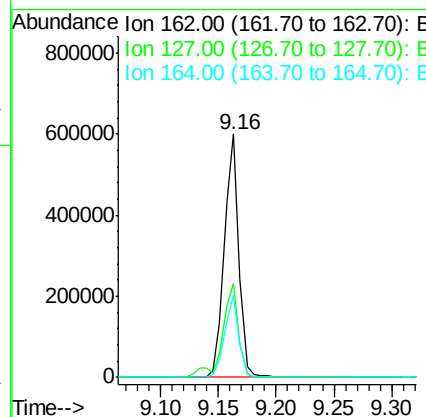
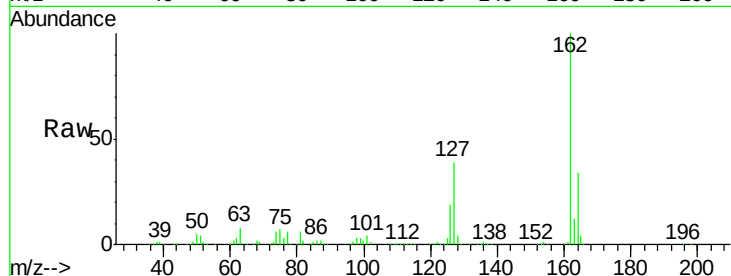
#47
 2-Chloronaphthalene
 Concen: 46.632 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF113675.D
 Acq: 9 Apr 2019 21:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	520453		
127	38.5	32.6	49.0	
164	33.8	26.6	39.8	

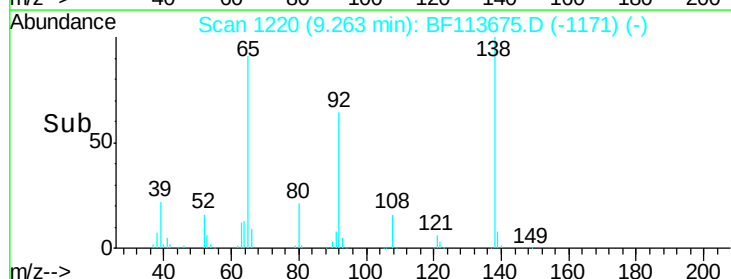
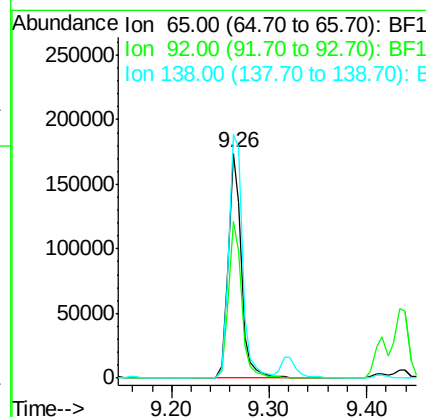
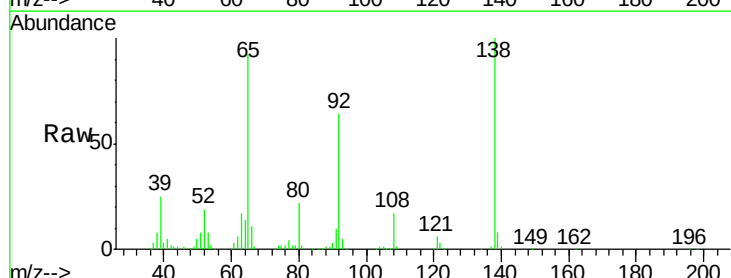
Manual Integrations
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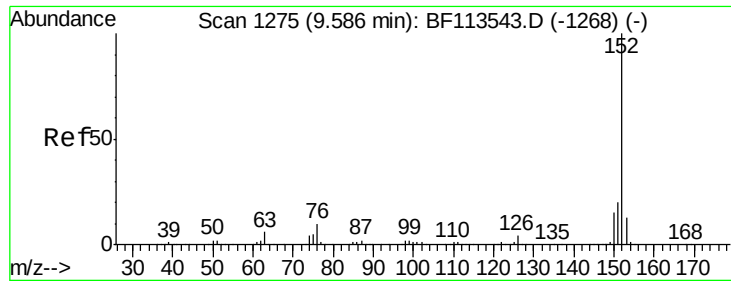
Sohil
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#48
 2-Nitroaniline
 Concen: 47.479 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF113675.D
 Acq: 9 Apr 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	162145		
92	69.6	56.8	85.2	
138	108.2	92.3	138.5	





#49

Acenaphthylene

Concen: 45.519 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF113675.D

Acq: 9 Apr 2019 21:52

Instrument :

BNA_F

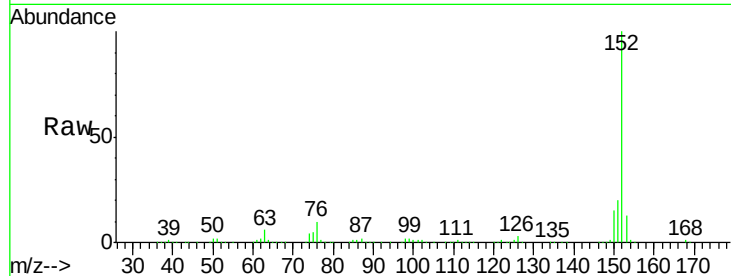
ClientSampleId :

TP-14-SMSD

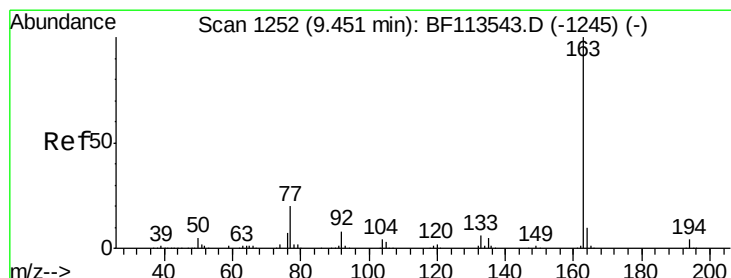
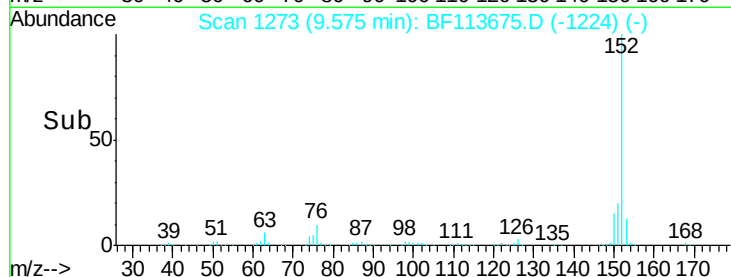
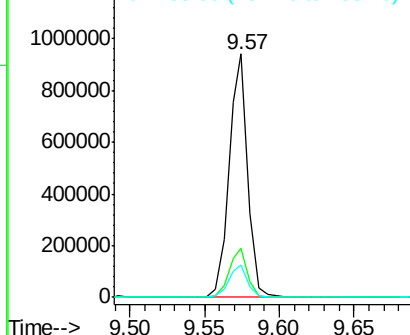
Tgt Ion:	152	Resp:	826111
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.2	24.4
153	13.3	11.0	16.6

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.756 ng

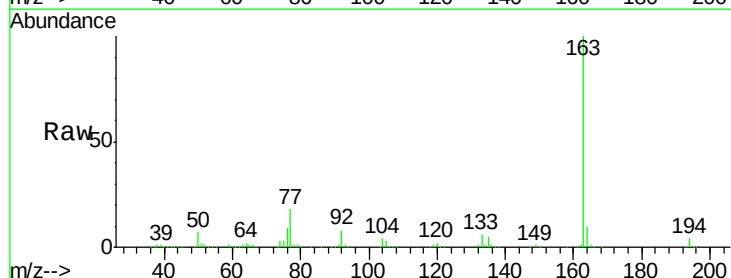
RT: 9.44 min Scan# 1250

Delta R.T. -0.01 min

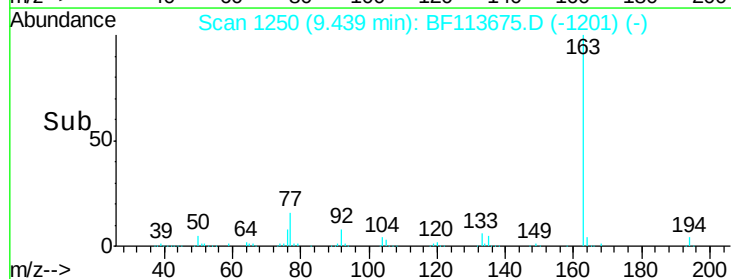
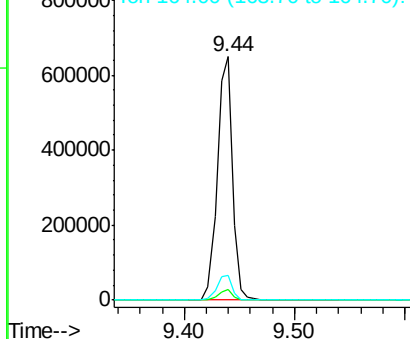
Lab File: BF113675.D

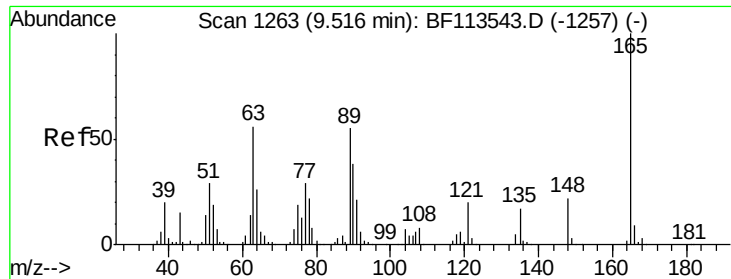
Acq: 9 Apr 2019 21:52

Tgt Ion:	163	Resp:	615676
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.0	4.6
164	10.2	8.1	12.1



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





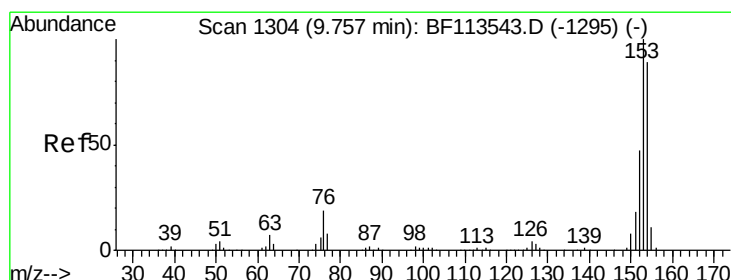
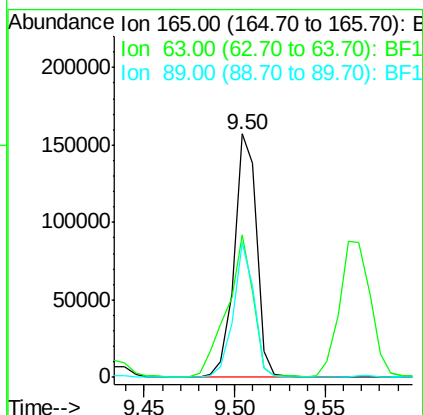
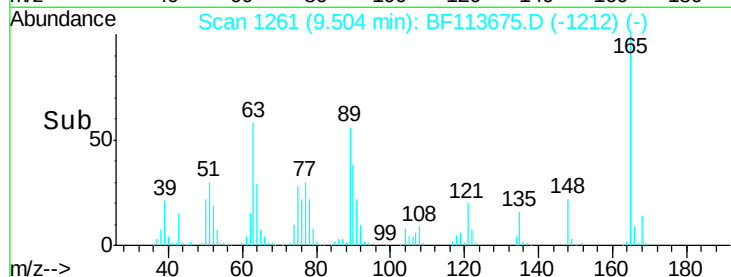
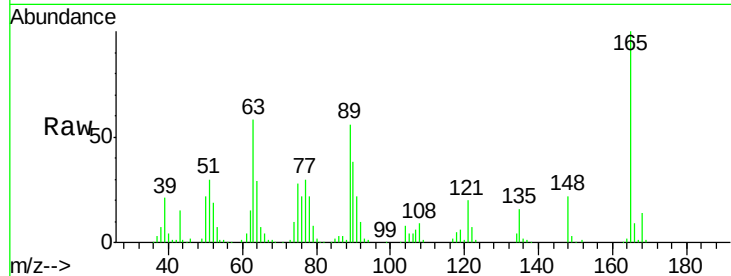
#51
 2,6-Dinitrotoluene
 Concen: 46.491 ng
 RT: 9.50 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BF113675.D
 Acq: 9 Apr 2019 21:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	134943		
63	58.3	43.4	65.0	
89	55.5	43.1	64.7	

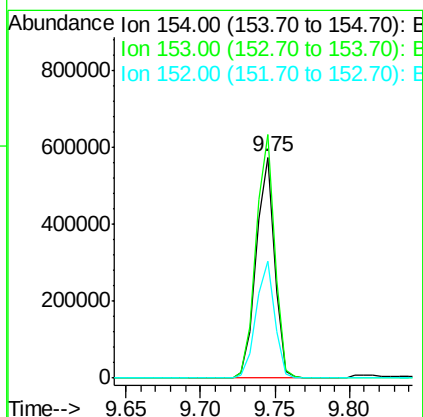
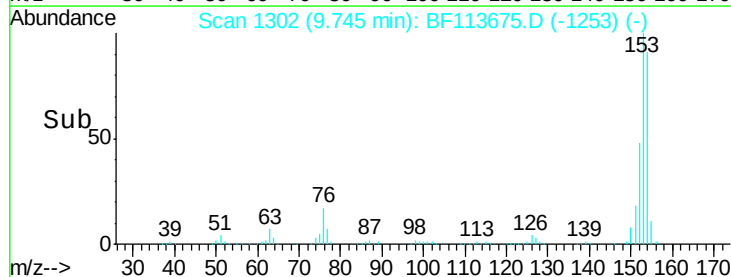
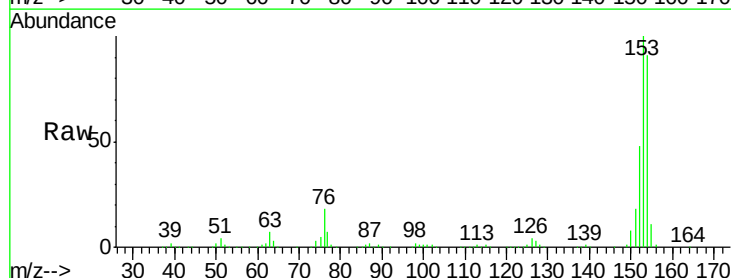
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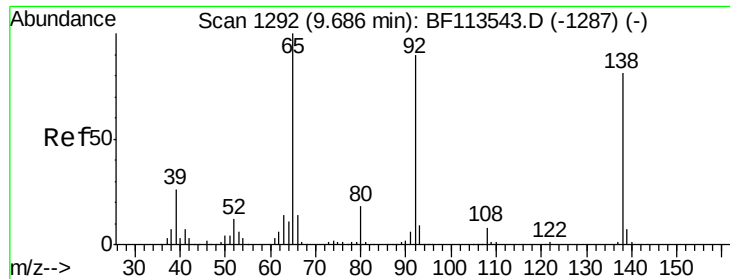
Sohil
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#52
 Acenaphthene
 Concen: 46.636 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF113675.D
 Acq: 9 Apr 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	484493		
153	110.4	89.5	134.3	
152	53.1	43.3	64.9	





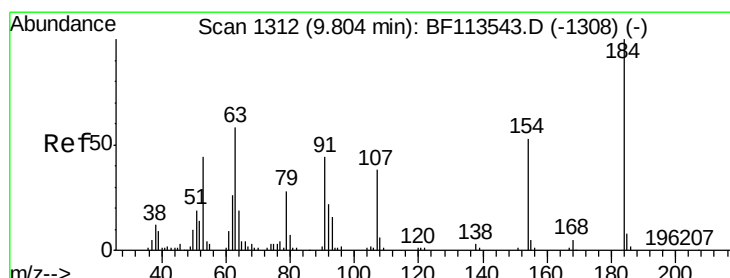
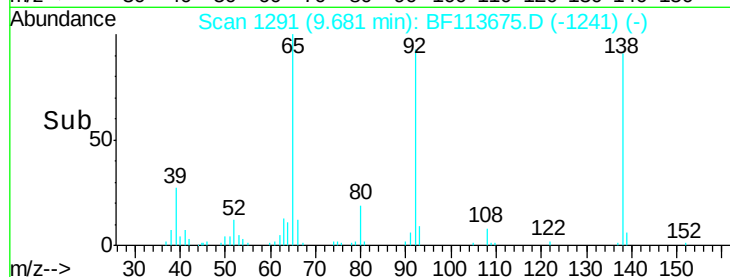
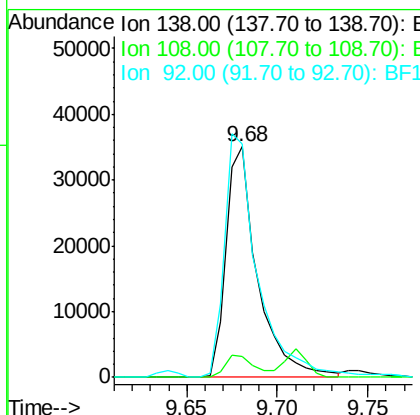
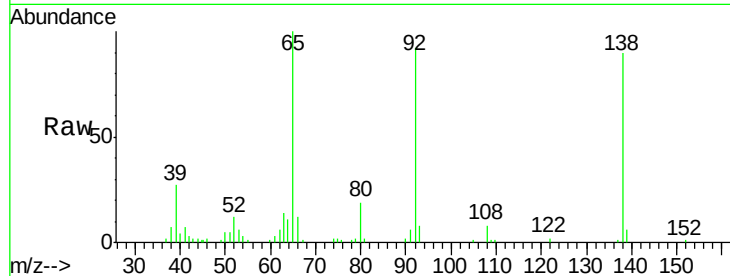
#53
3-Nitroaniline
Concen: 12.861 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF113675.D
Acq: 9 Apr 2019 21:52

Instrument :
BNA_F
ClientSampleId :
TP-14-SMSD

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.0	7.8	11.6
92	101.2	82.6	124.0

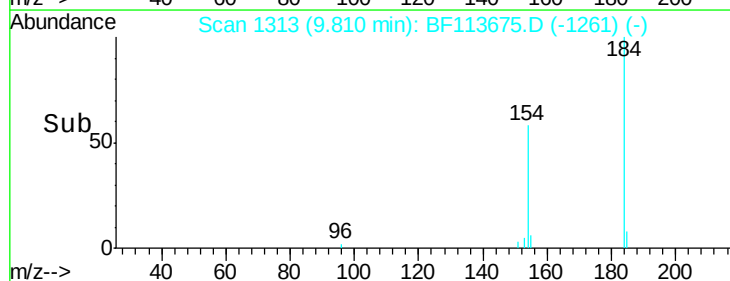
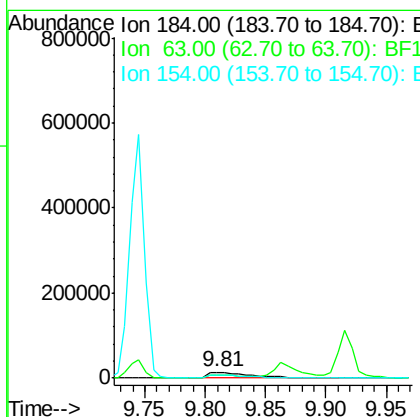
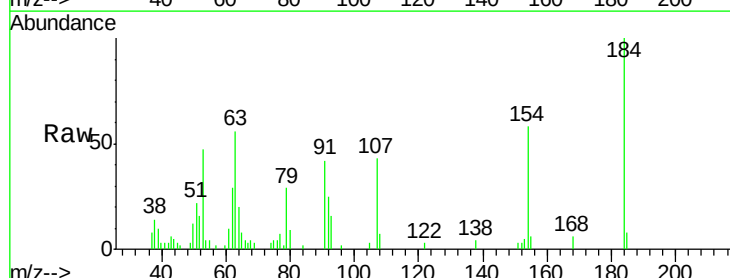
Manual Integrations
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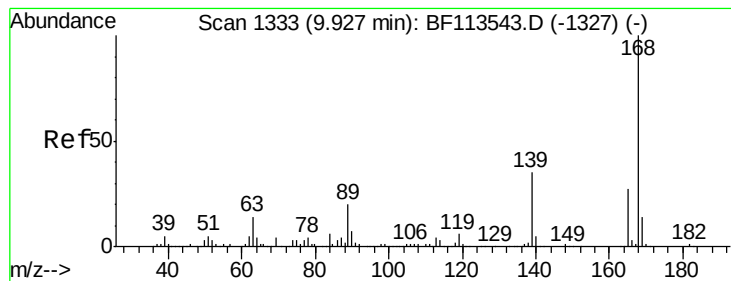
Sohil
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#54
2,4-Dinitrophenol
Concen: 24.304 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF113675.D
Acq: 9 Apr 2019 21:52

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.4	54.3	81.5
154	57.6	48.4	72.6





#55

Dibenzenofuran

Concen: 47.724 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF113675.D

Acq: 9 Apr 2019 21:52

Instrument :

BNA_F

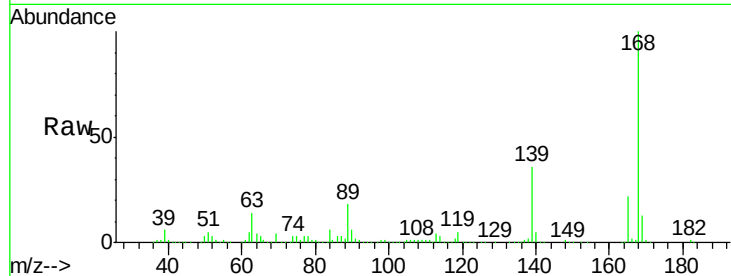
ClientSampled :

TP-14-SMSD

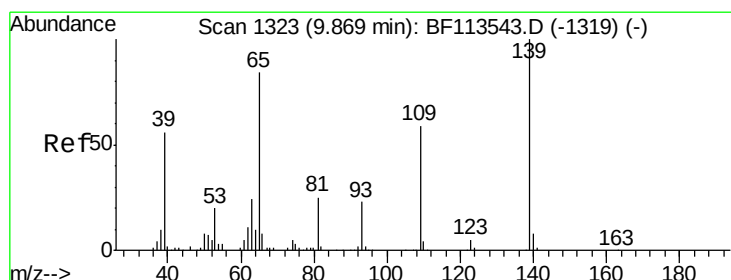
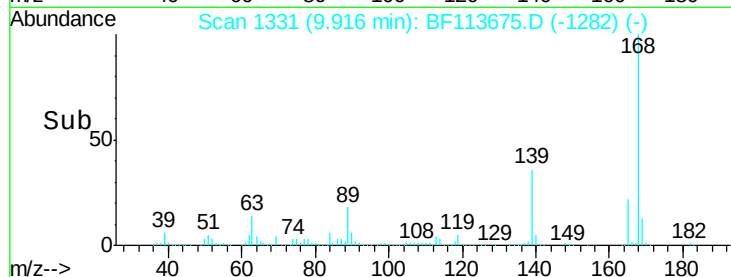
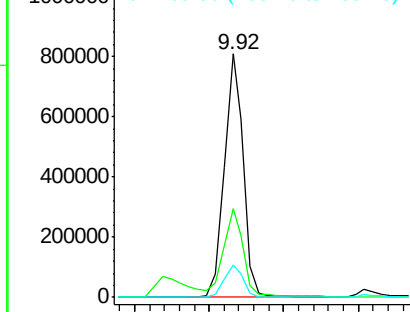
Tgt Ion:	168	Resp:	727291
Ion Ratio	Lower	Upper	
168	100		
139	36.3	29.7	44.5
169	13.4	10.7	16.1

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 53.737 ng

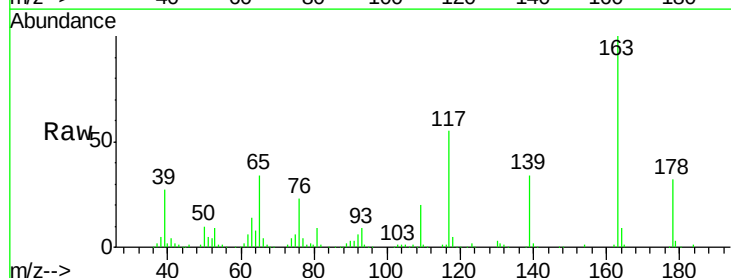
RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

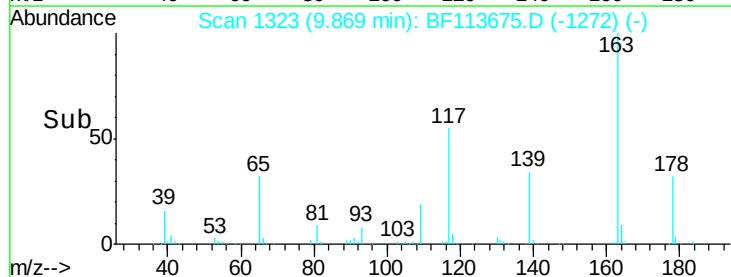
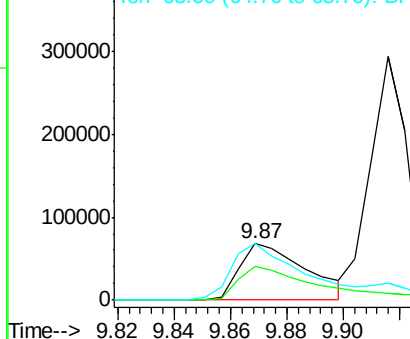
Lab File: BF113675.D

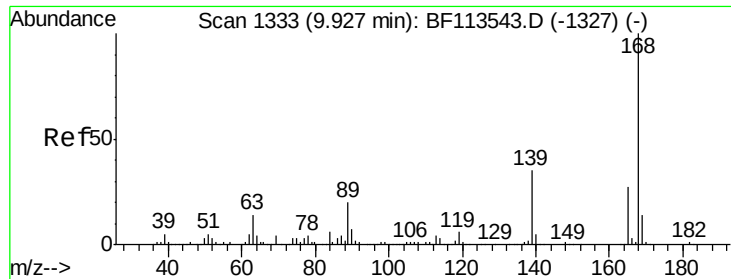
Acq: 9 Apr 2019 21:52

Tgt Ion:	139	Resp:	110006
Ion Ratio	Lower	Upper	
139	100		
109	60.3	46.9	86.9
65	100.7	77.2	117.2



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 46.542 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF113675.D

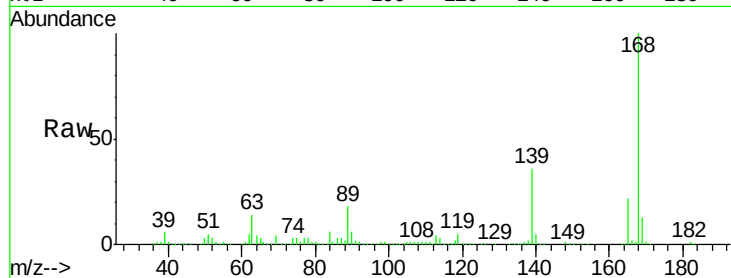
Acq: 9 Apr 2019 21:52

Instrument :

BNA_F

ClientSampled :

TP-14-SMSD



Tgt Ion:165 Resp: 163381

Ion Ratio Lower Upper

165 100

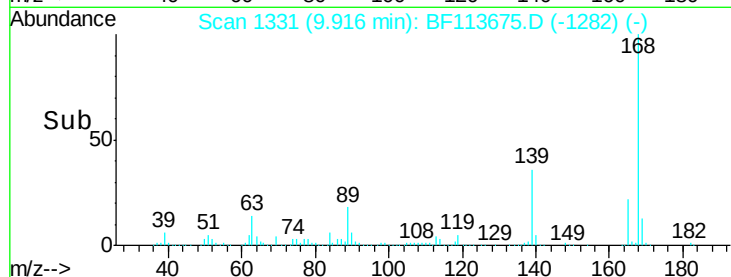
63 63.8 37.5 56.3#

89 81.8 57.4 86.2

182 2.3 2.0 3.0

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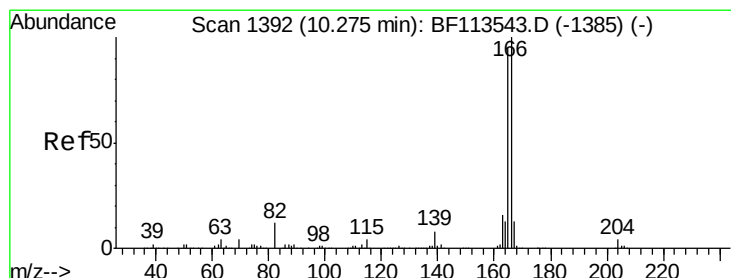
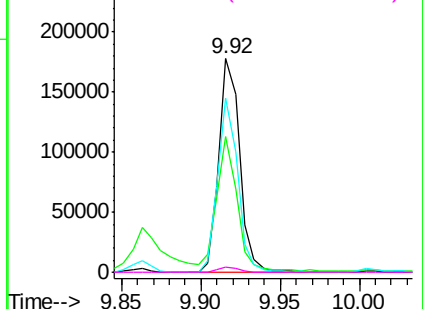


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 46.858 ng

RT: 10.26 min Scan# 1389

Delta R.T. -0.02 min

Lab File: BF113675.D

Acq: 9 Apr 2019 21:52

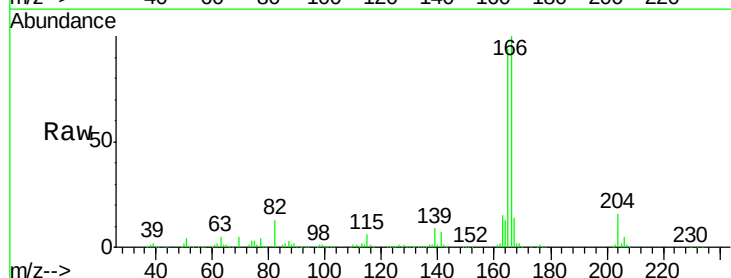
Tgt Ion:166 Resp: 564792

Ion Ratio Lower Upper

166 100

165 94.2 76.2 114.2

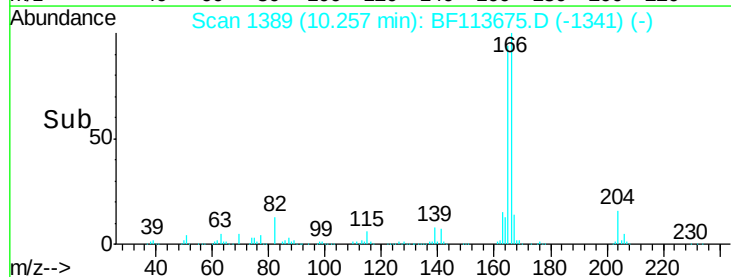
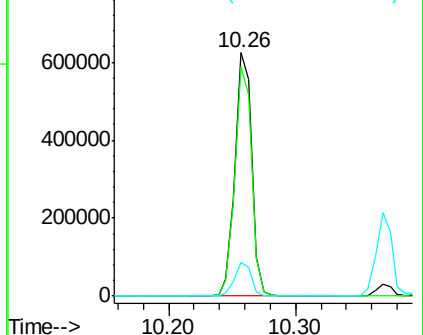
167 13.7 10.7 16.1

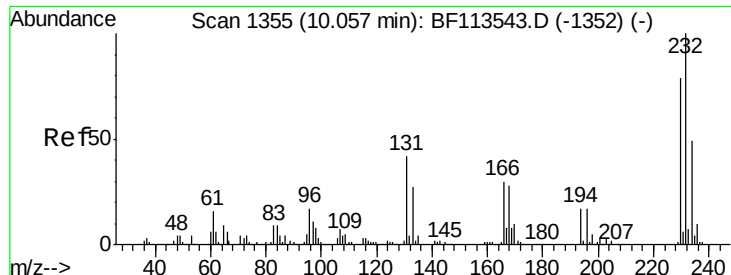


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





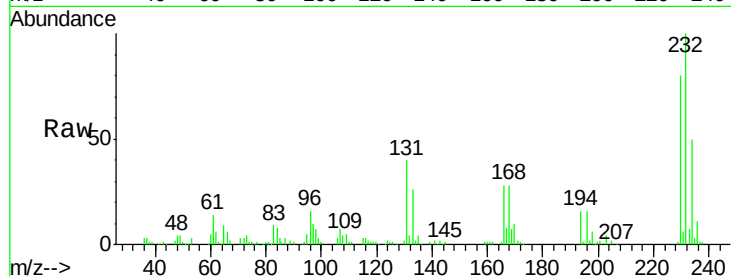
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.887 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF113675.D
 Acq: 9 Apr 2019 21:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-SMSD

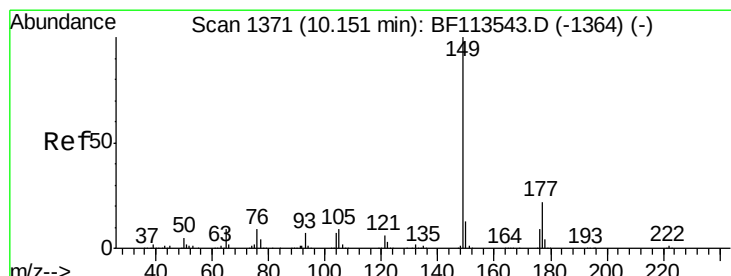
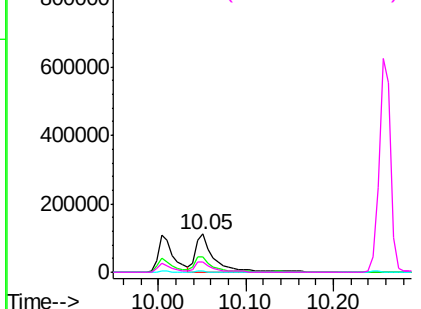
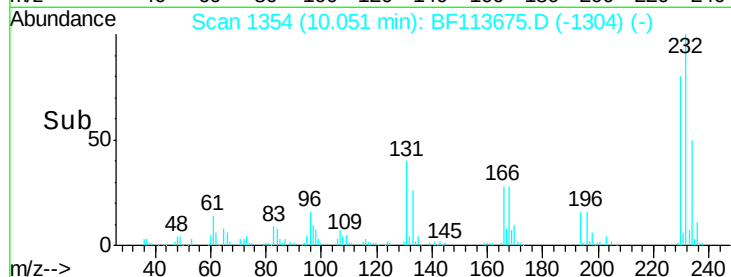
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	162284		
131	37.1	33.2	49.8	
130	1.8	1.6	2.4	
166	25.9	21.0	31.6	

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 4/10/2019 6:20:42 PM

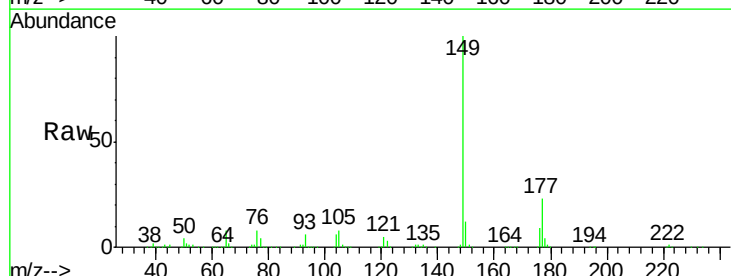


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

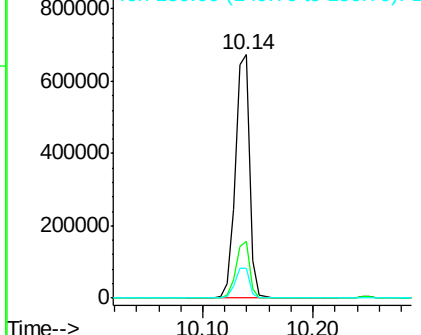
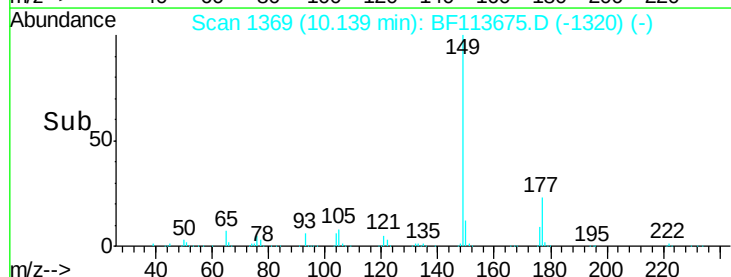


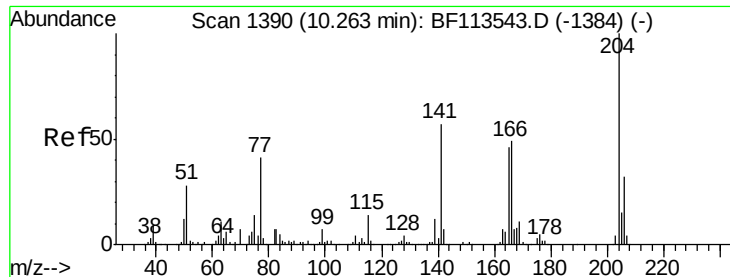
#60
 Diethylphthalate
 Concen: 48.283 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.01 min
 Lab File: BF113675.D
 Acq: 9 Apr 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	612982		
177	23.3	17.4	26.0	
150	12.2	10.0	15.0	



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





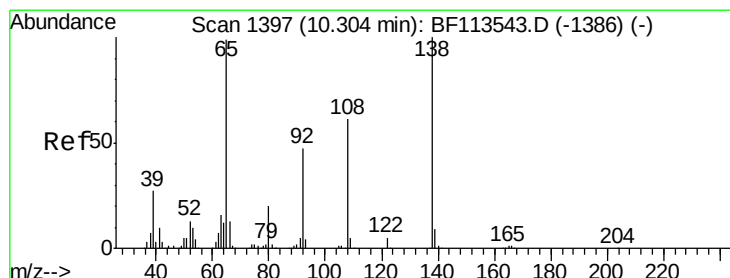
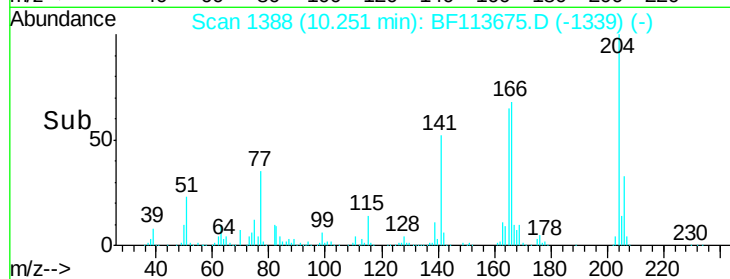
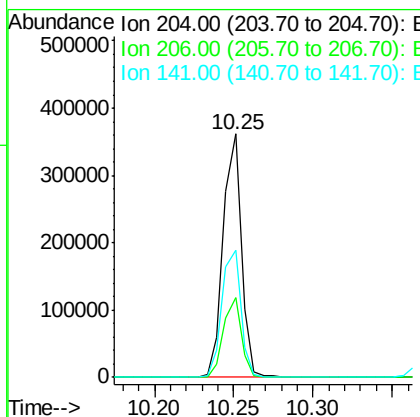
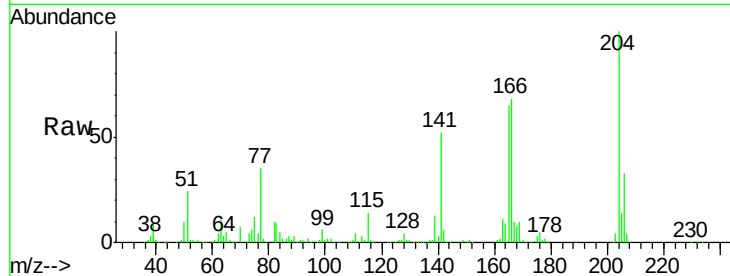
#61
 4-Chlorophenyl-phenylether
 Concen: 48.646 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF113675.D
 Acq: 9 Apr 2019 21:52

Instrument :
 BNA_F
 ClientSampled :
 TP-14-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	288402		
206	33.0	26.9	40.3	
141	52.1	48.8	73.2	

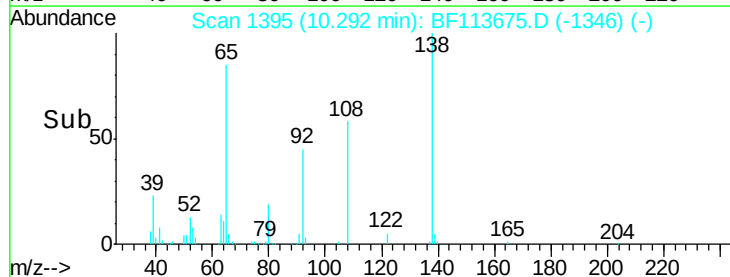
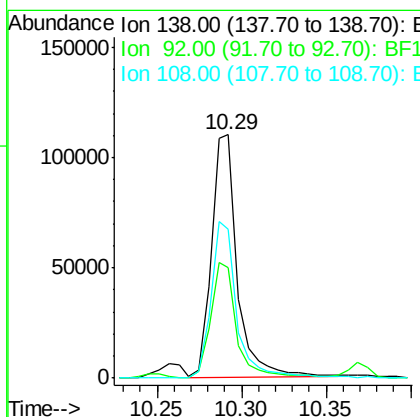
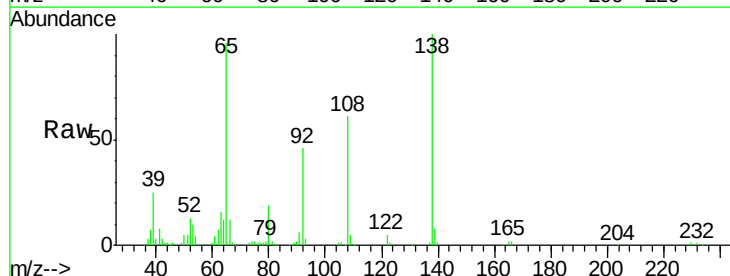
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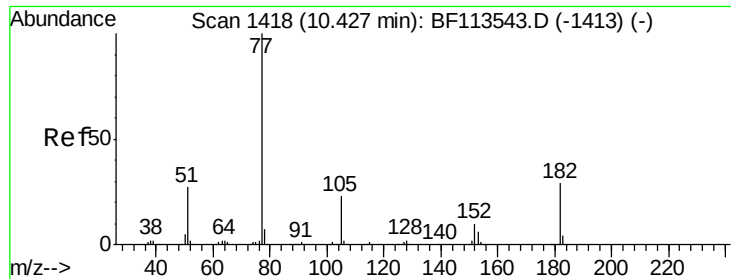
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 4/10/2019 6:20:42 PM



#62
 4-Nitroaniline
 Concen: 34.742 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF113675.D
 Acq: 9 Apr 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	116586		
92	45.5	25.8	65.8	
108	61.1	44.0	84.0	





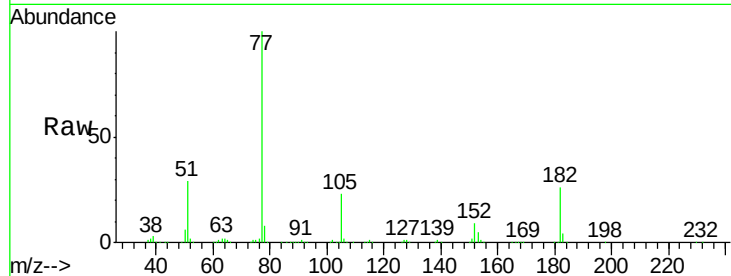
#63
Azobenzene
Concen: 45.179 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BF113675.D
Acq: 9 Apr 2019 21:52

Instrument :
BNA_F
ClientSampleId :
TP-14-SMSD

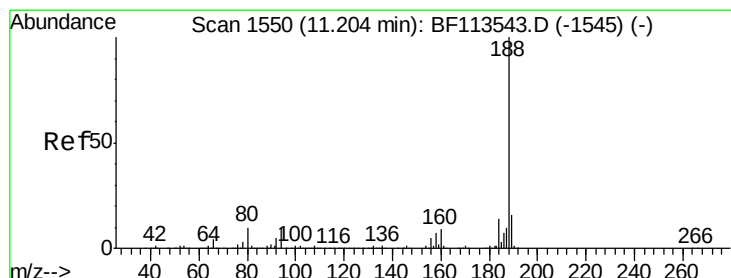
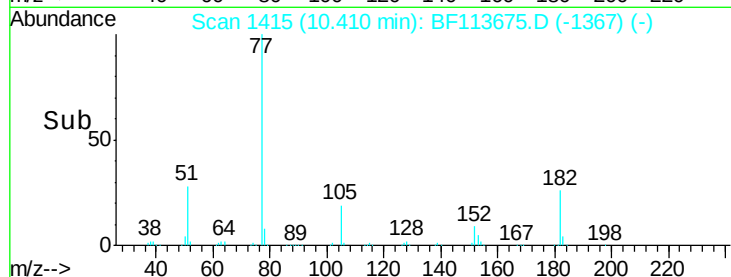
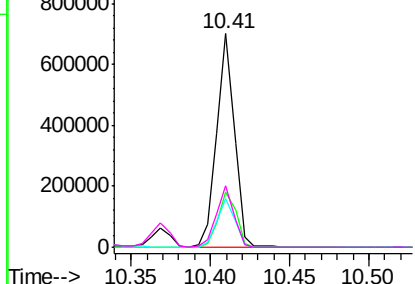
Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.0	8.7	48.7
105	22.5	2.9	42.9
51	28.6	8.8	48.8

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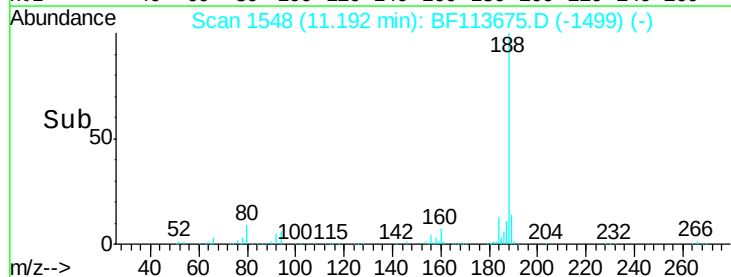
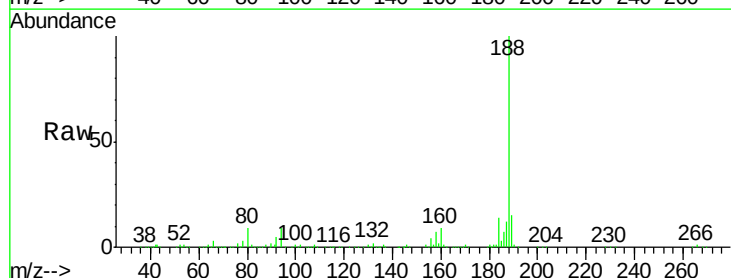
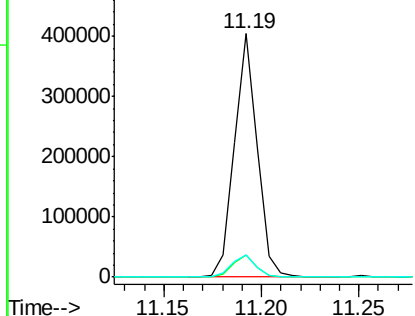
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

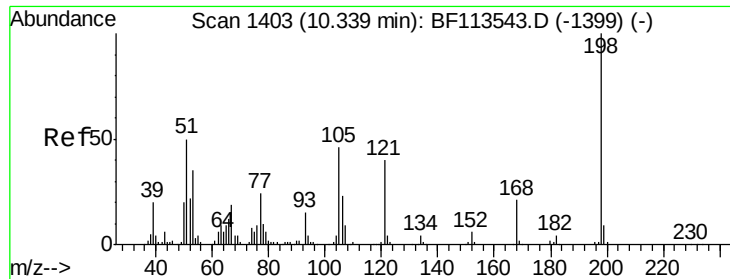


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113675.D
Acq: 9 Apr 2019 21:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.6
80	9.3	7.7	11.5

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





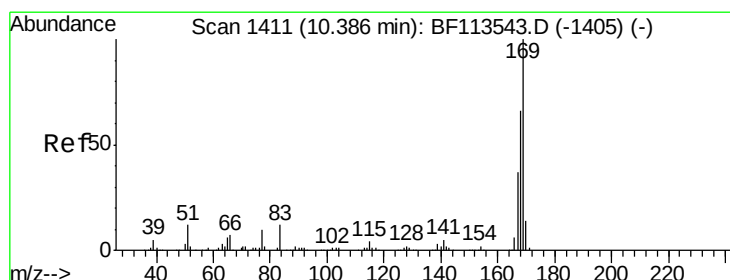
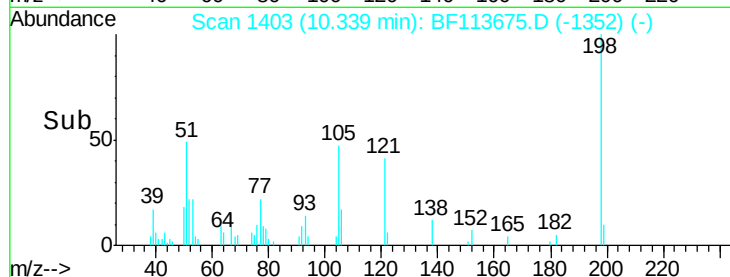
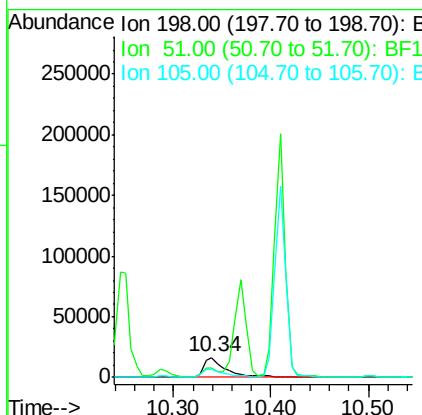
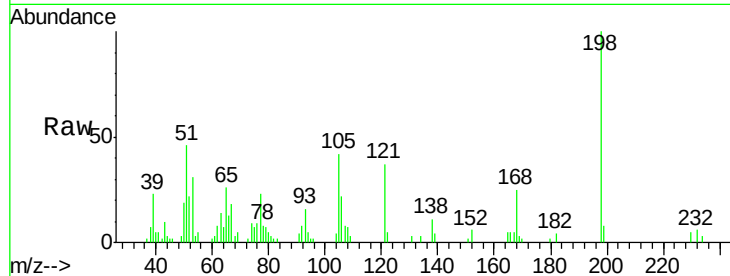
#65
4,6-Dinitro-2-methylphenol
Concen: 15.216 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF113675.D
Acq: 9 Apr 2019 21:52

Instrument :
BNA_F
ClientSampled :
TP-14-SMSD

Tgt Ion	Ratio	Lower	Upper
198	100		
51	45.6	21.6	61.6
105	42.0	20.6	60.6

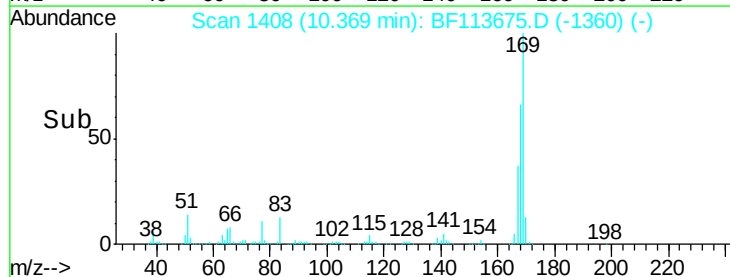
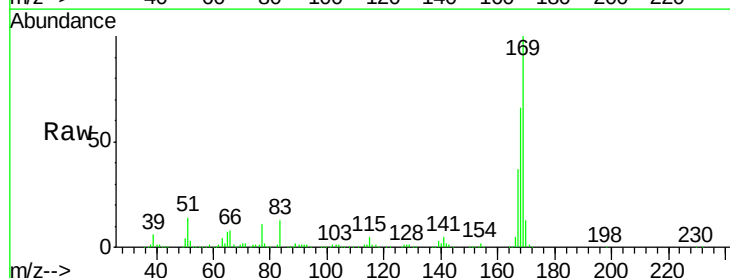
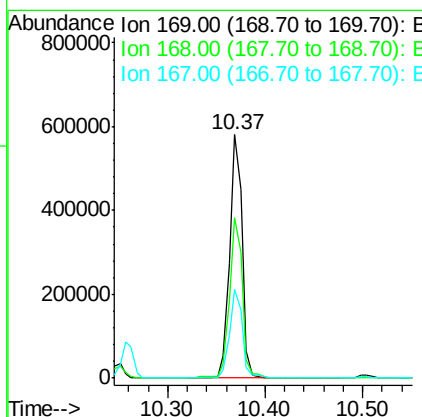
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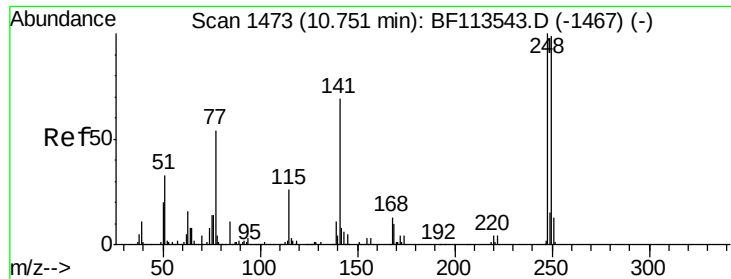
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4/10/2019 6:20:42 PM



#66
n-Nitrosodiphenylamine
Concen: 50.852 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BF113675.D
Acq: 9 Apr 2019 21:52

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.0	53.7	80.5
167	36.7	29.5	44.3





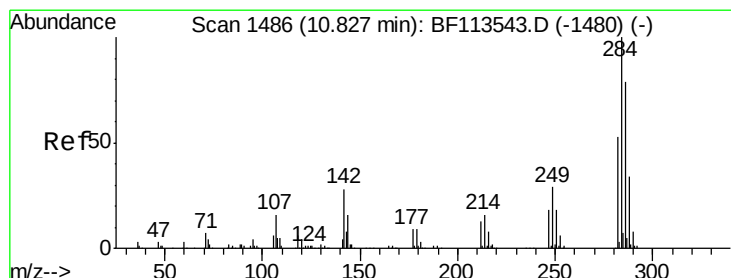
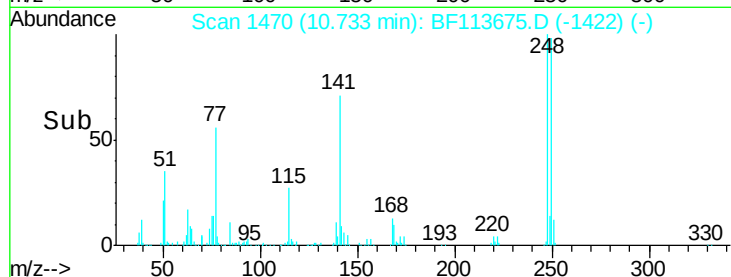
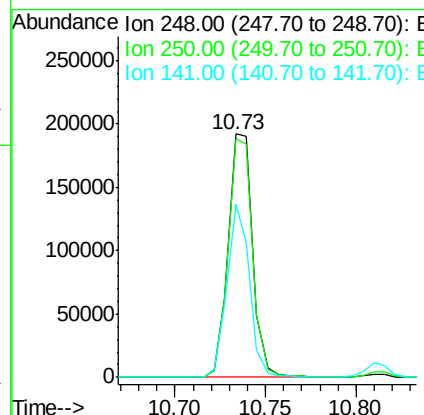
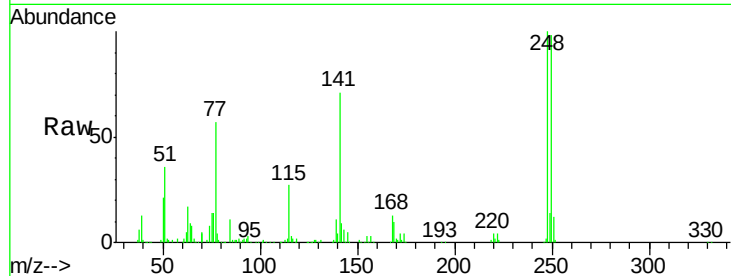
#67
 4-Bromophenyl-phenylether
 Concen: 48.984 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.02 min
 Lab File: BF113675.D
 Acq: 9 Apr 2019 21:52

Instrument :
 BNA_F
 ClientSampled :
 TP-14-SMSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.0	78.3	117.5
141	71.4	56.2	84.4

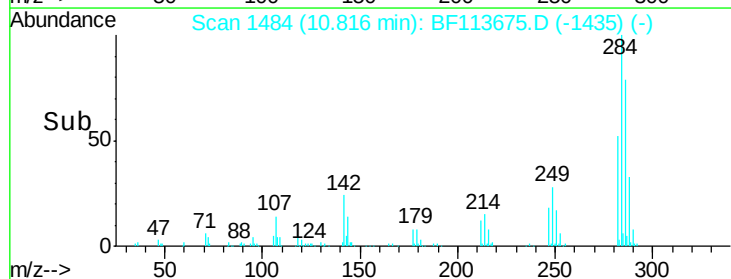
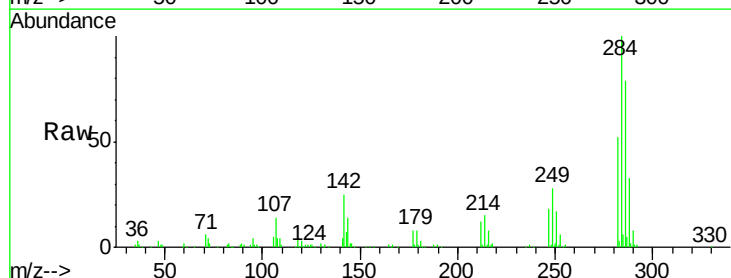
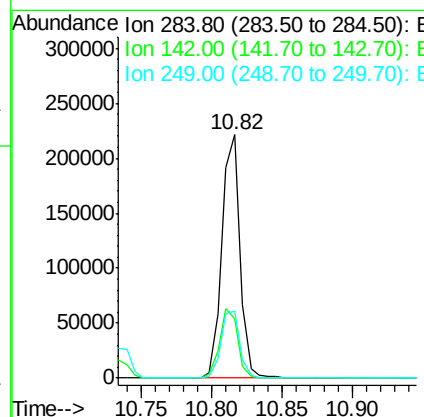
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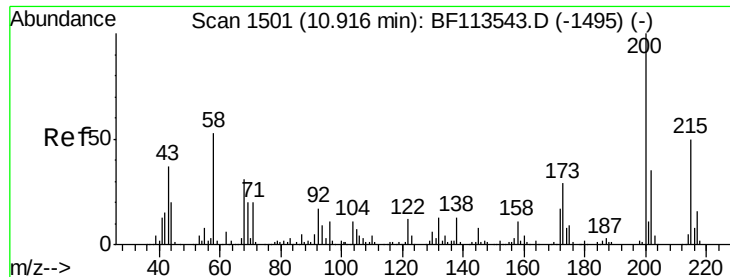
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#68
 Hexachlorobenzene
 Concen: 46.860 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BF113675.D
 Acq: 9 Apr 2019 21:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.6	20.1	30.1
249	27.7	22.7	34.1





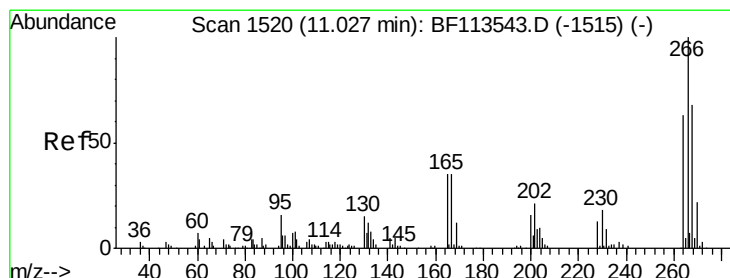
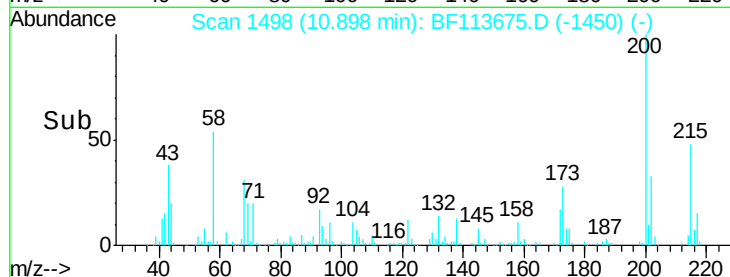
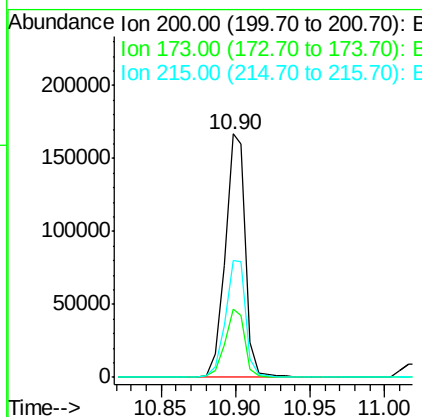
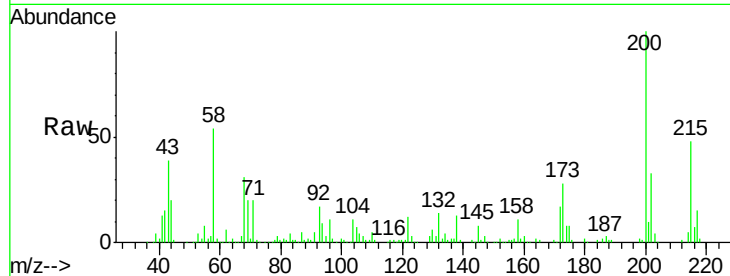
#69
 Atrazine
 Concen: 50.335 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.02 min
 Lab File: BF113675.D
 Acq: 9 Apr 2019 21:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	160054		
173	28.2	6.0	46.0	
215	47.8	31.3	71.3	

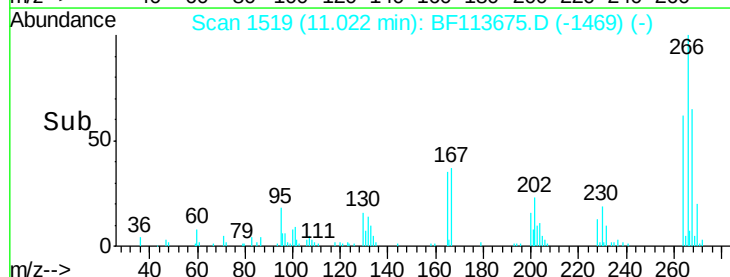
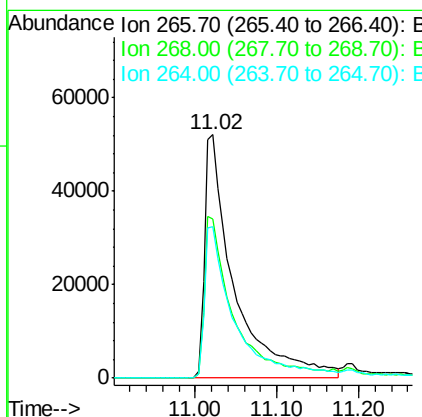
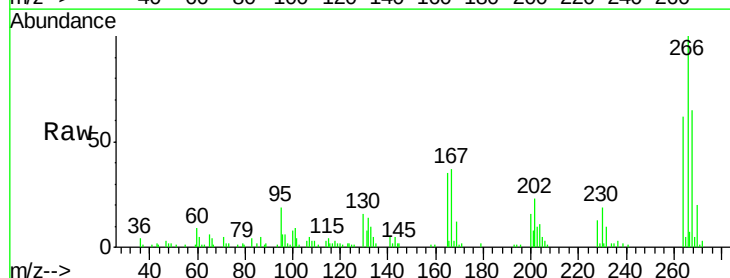
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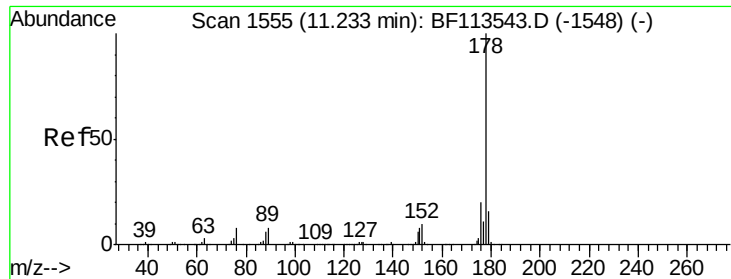
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#70
 Pentachlorophenol
 Concen: 65.958 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF113675.D
 Acq: 9 Apr 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	131251		
268	69.9	53.8	80.6	
264	62.4	49.2	73.8	





#71

Phenanthrene

Concen: 47.173 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.02 min

Lab File: BF113675.D

Acq: 9 Apr 2019 21:52

Instrument :

BNA_F

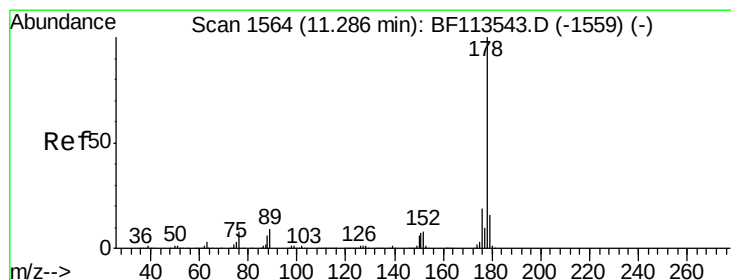
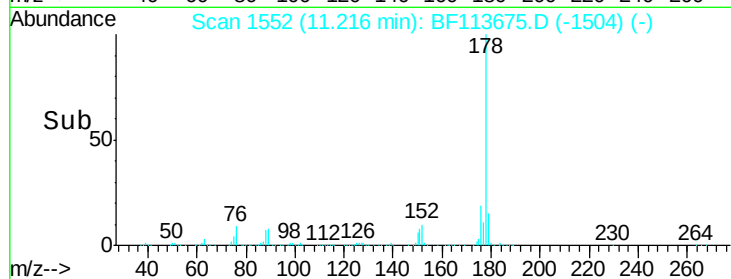
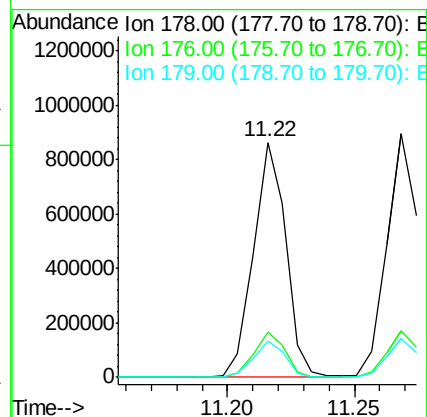
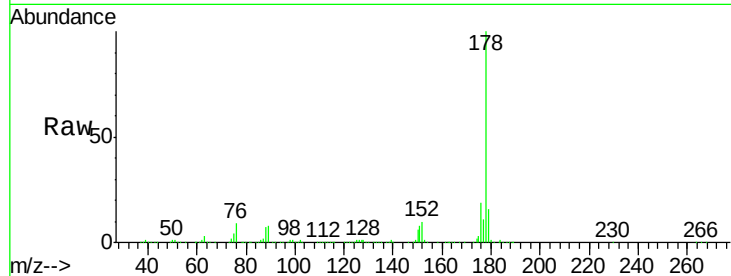
ClientSampleId :

TP-14-SMSD

Tgt Ion:	178	Resp:	770298
Ion Ratio	Lower	Upper	
178	100		
176	19.4	16.2	24.2
179	15.6	12.7	19.1

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#72

Anthracene

Concen: 48.235 ng

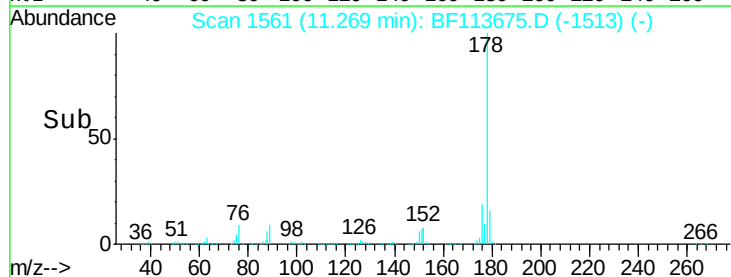
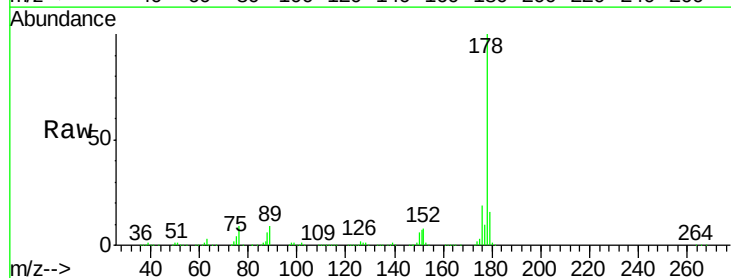
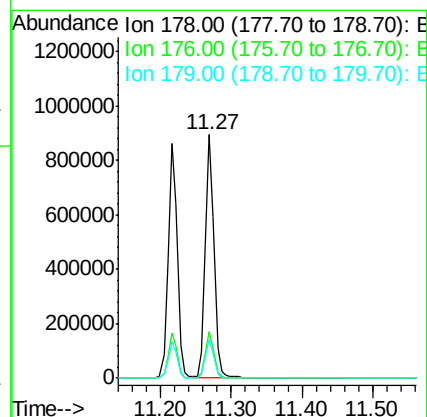
RT: 11.27 min Scan# 1561

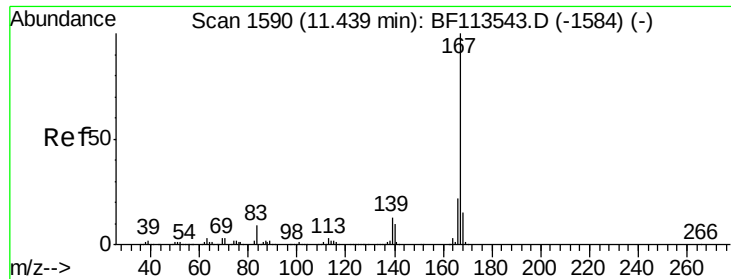
Delta R.T. -0.02 min

Lab File: BF113675.D

Acq: 9 Apr 2019 21:52

Tgt Ion:	178	Resp:	801355
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.4	23.2
179	15.8	12.8	19.2





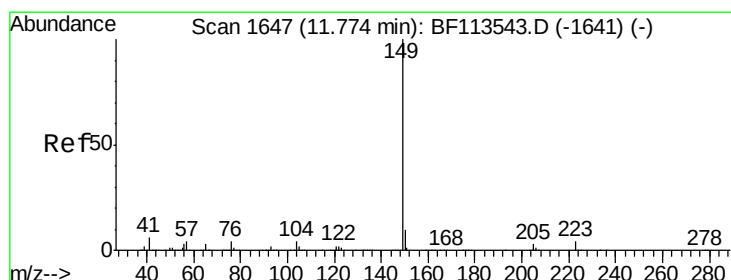
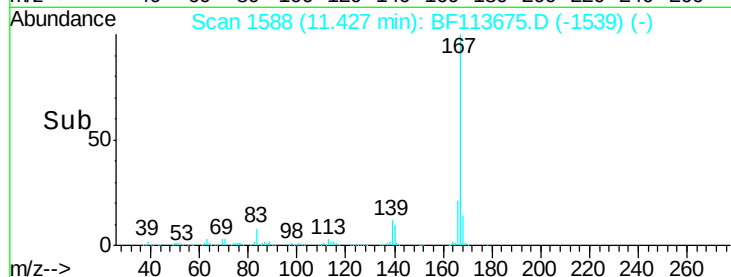
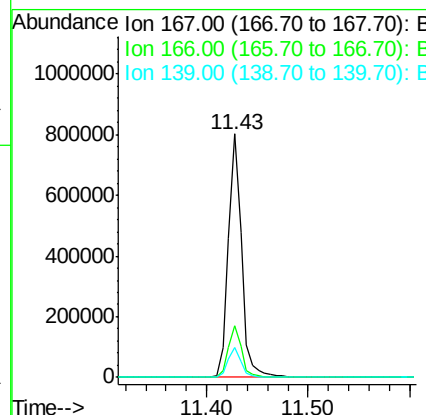
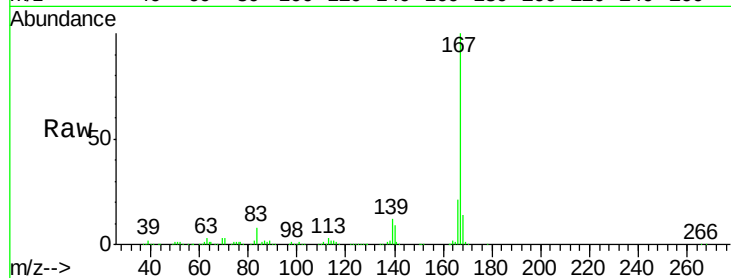
#73
 Carbazole
 Concen: 46.877 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF113675.D
 Acq: 9 Apr 2019 21:52

Instrument :
 BNA_F
 ClientSampled :
 TP-14-SMSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	12.4	10.4	15.6

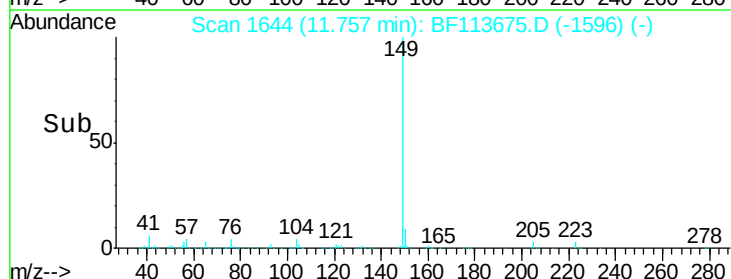
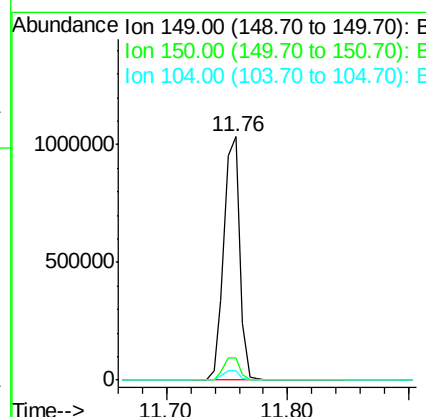
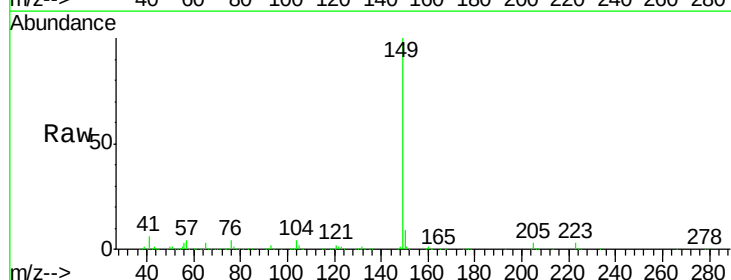
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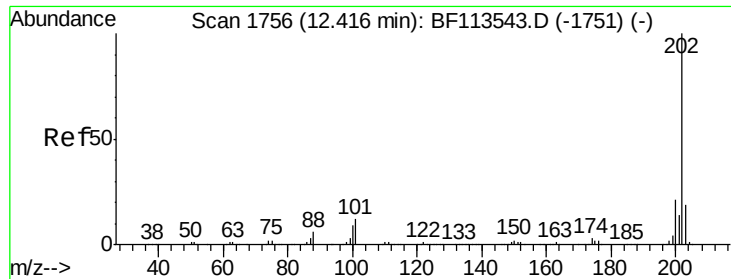
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#74
 Di-n-butylphthalate
 Concen: 50.480 ng
 RT: 11.76 min Scan# 1644
 Delta R.T. -0.02 min
 Lab File: BF113675.D
 Acq: 9 Apr 2019 21:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.0	3.7	5.5





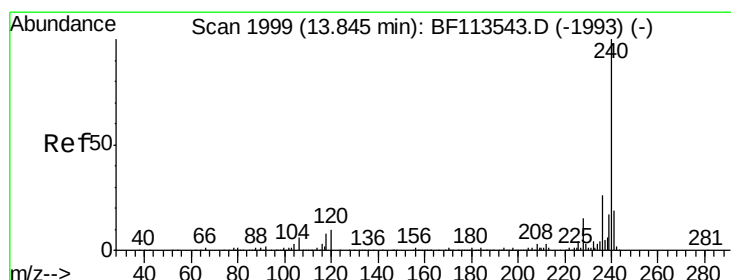
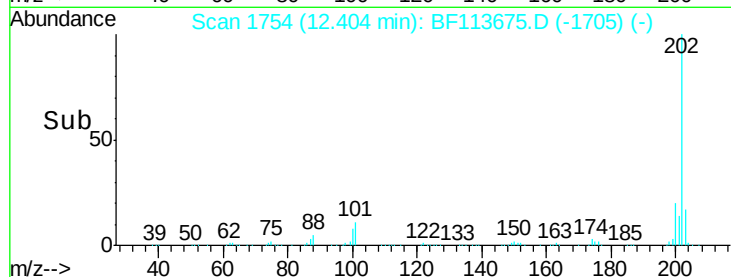
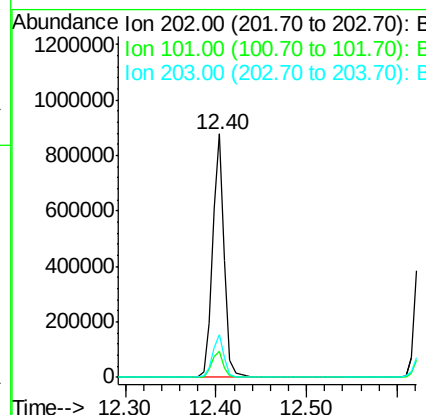
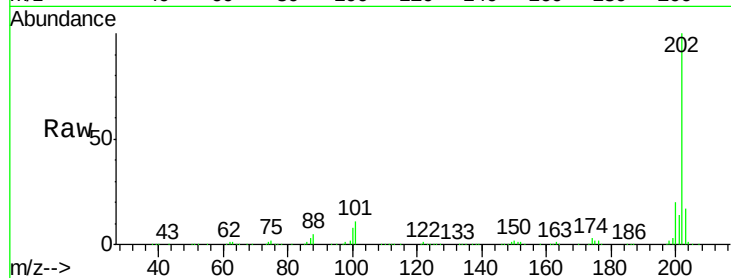
#75
 Fluoranthene
 Concen: 45.193 ng
 RT: 12.40 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BF113675.D
 Acq: 9 Apr 2019 21:52

Instrument :
 BNA_F
 ClientSampled :
 TP-14-SMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.7	0.0	31.4
203	17.3	0.0	38.0

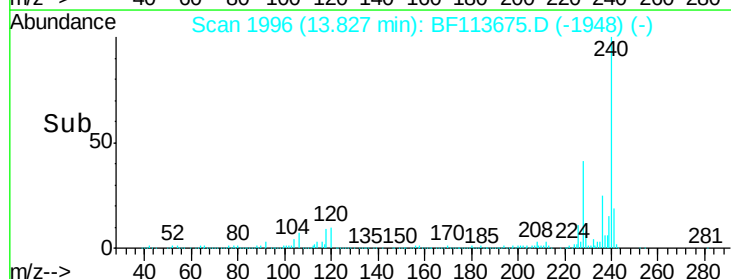
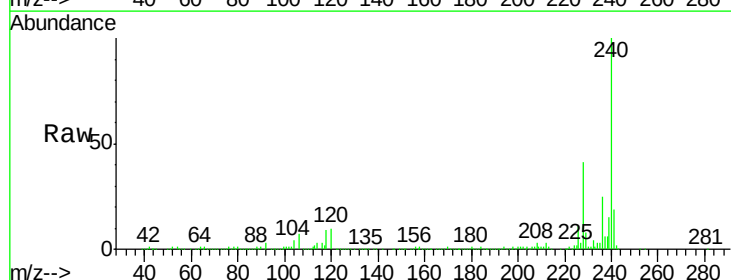
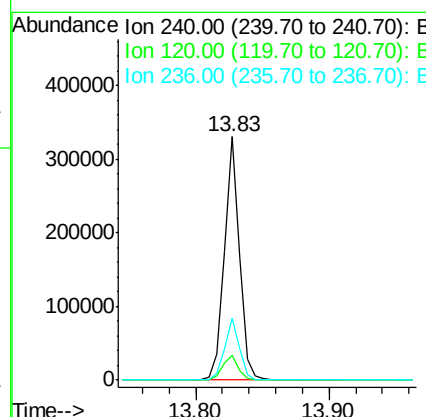
Manual Integrations
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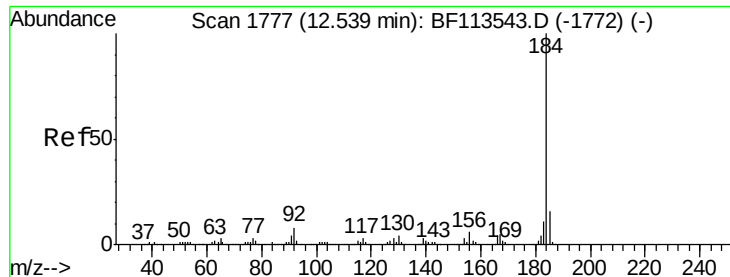
Sohil
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.02 min
 Lab File: BF113675.D
 Acq: 9 Apr 2019 21:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	10.3	8.8	13.2
236	25.4	20.9	31.3





#77

Benzidine

Concen: 8.801 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF113675.D

Acq: 9 Apr 2019 21:52

Instrument :

BNA_F

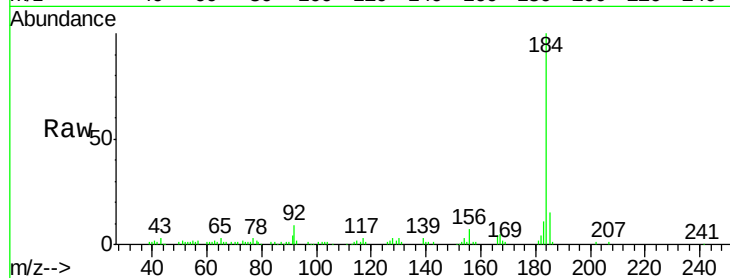
ClientSampleId :

TP-14-SMSD

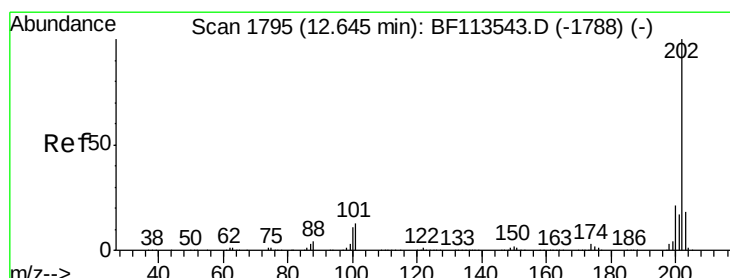
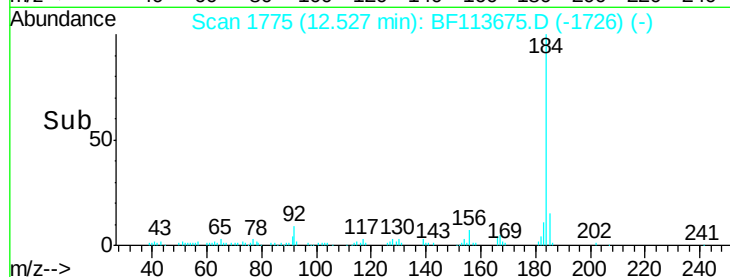
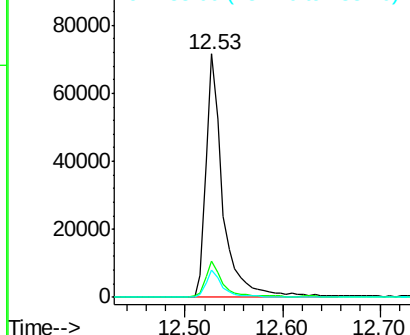
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	86715		
185	15.0	13.0	19.6	
183	11.2	9.0	13.4	

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.291 ng

RT: 12.63 min Scan# 1792

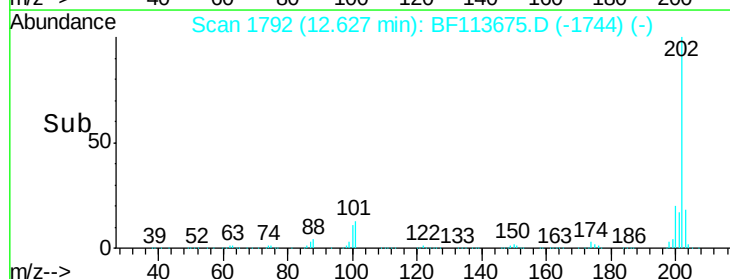
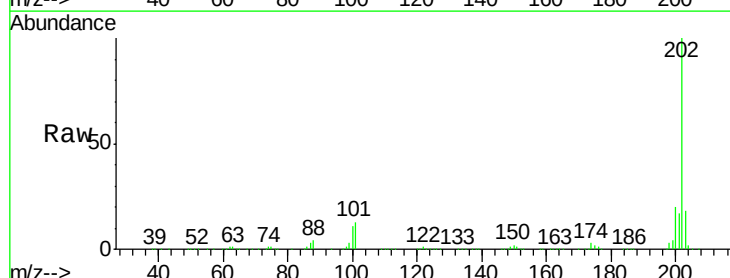
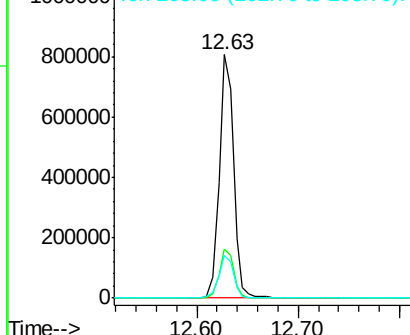
Delta R.T. -0.02 min

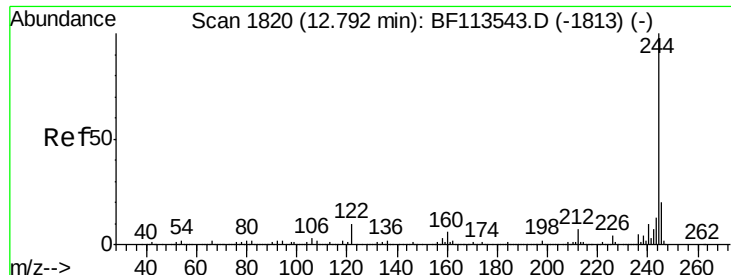
Lab File: BF113675.D

Acq: 9 Apr 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	792096		
200	20.1	16.8	25.2	
203	17.6	14.4	21.6	

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





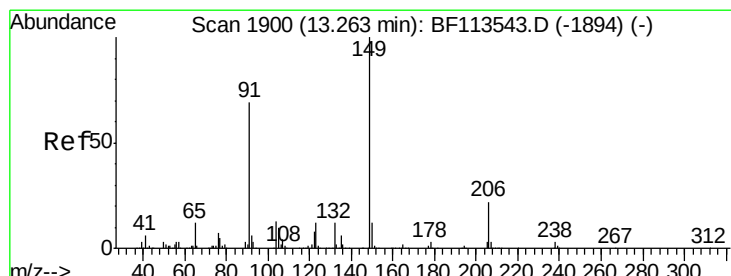
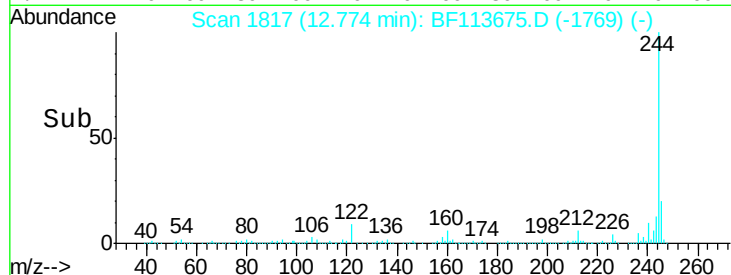
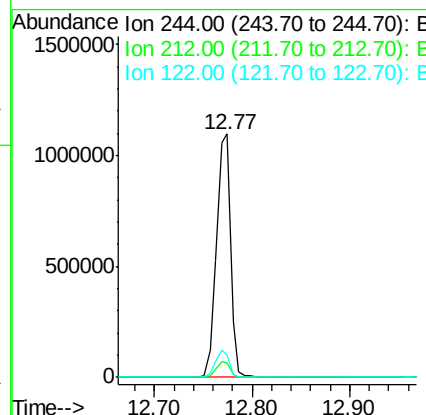
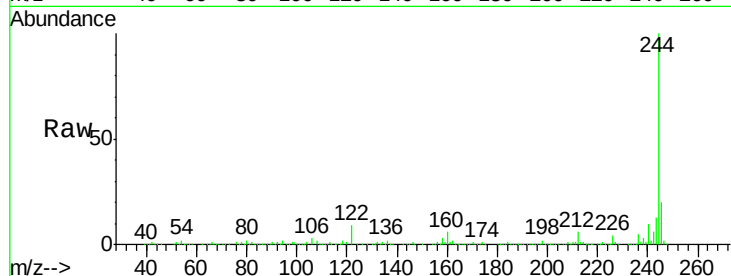
#79
 Terphenyl-d14
 Concen: 84.920 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BF113675.D
 Acq: 9 Apr 2019 21:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-SMSD

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.5	8.3
122	9.3	8.6	13.0

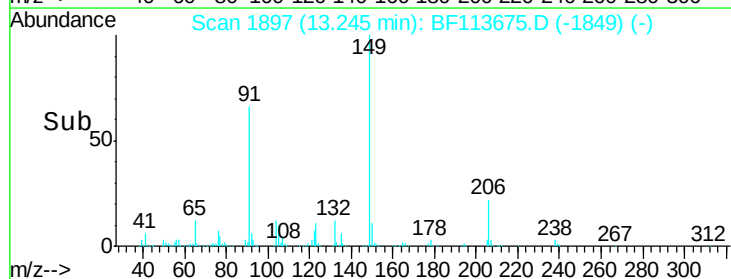
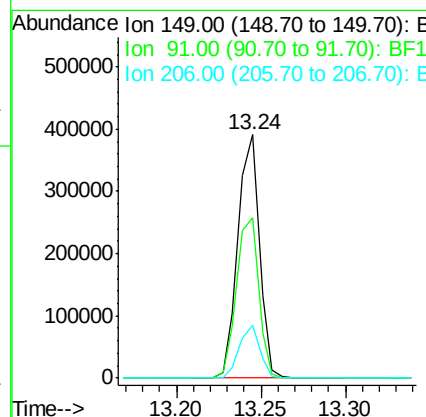
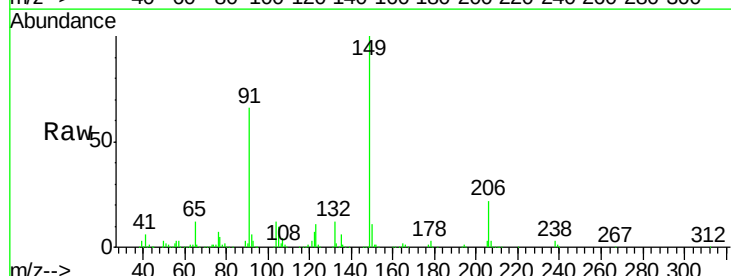
Manual Integrations
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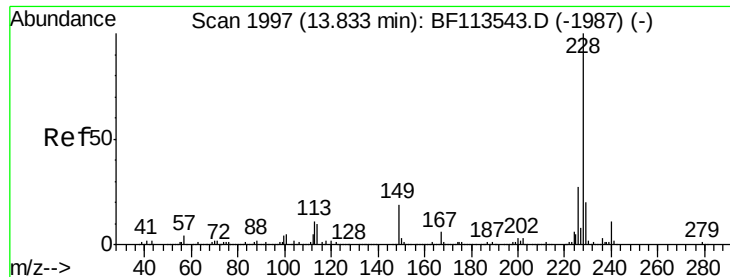
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#80
 Butylbenzylphthalate
 Concen: 42.203 ng
 RT: 13.24 min Scan# 1897
 Delta R.T. -0.02 min
 Lab File: BF113675.D
 Acq: 9 Apr 2019 21:52

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.0	55.2	82.8
206	22.0	16.1	24.1





#81

Benzo(a)anthracene

Concen: 44.517 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BF113675.D

Acq: 9 Apr 2019 21:52

Instrument :

BNA_F

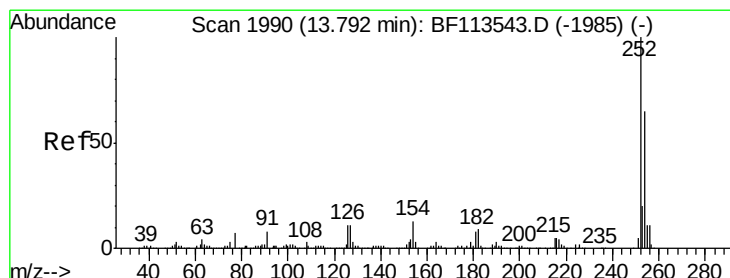
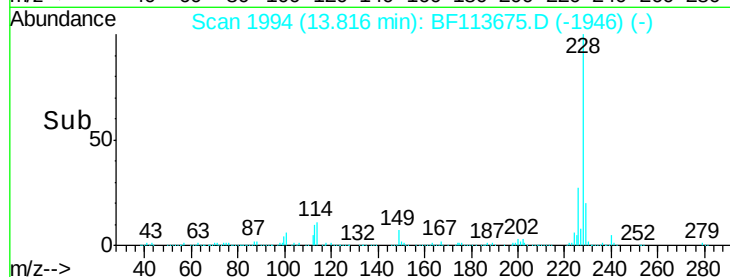
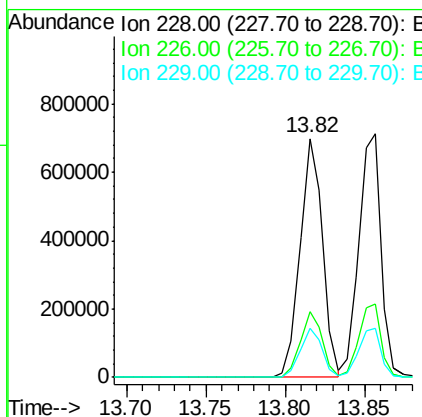
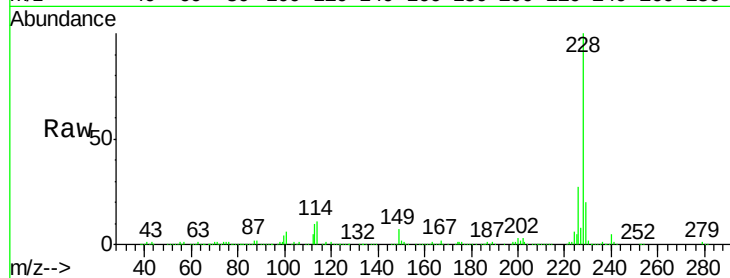
ClientSampleId :

TP-14-SMSD

Tgt Ion:	228	Resp:	680387
Ion Ratio	Lower	Upper	
228	100		
226	27.4	21.8	32.8
229	20.4	16.2	24.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 21.040 ng

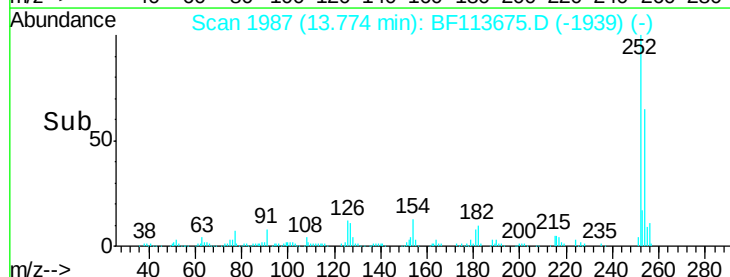
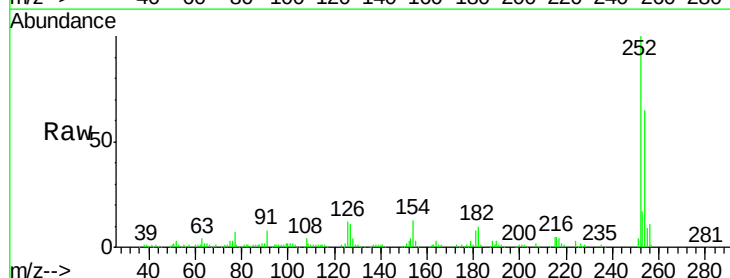
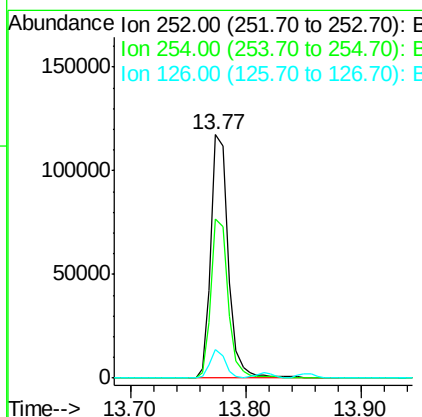
RT: 13.77 min Scan# 1987

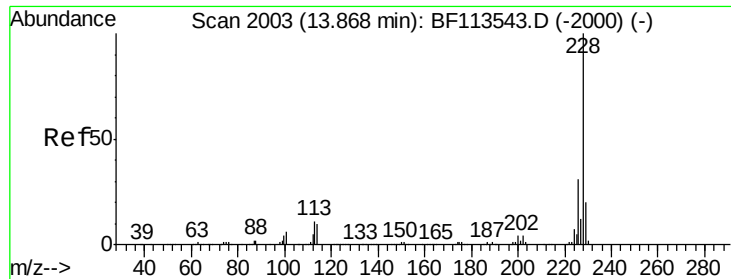
Delta R.T. -0.02 min

Lab File: BF113675.D

Acq: 9 Apr 2019 21:52

Tgt Ion:	252	Resp:	123861
Ion Ratio	Lower	Upper	
252	100		
254	65.5	52.2	78.2
126	11.9	8.5	12.7





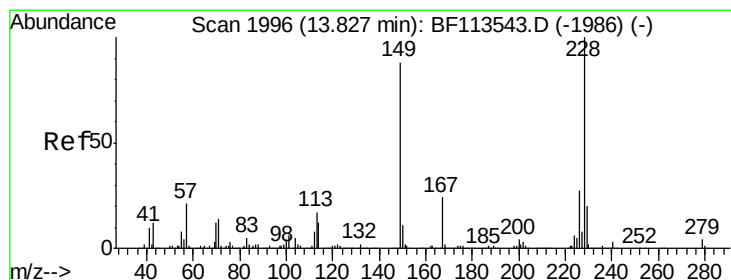
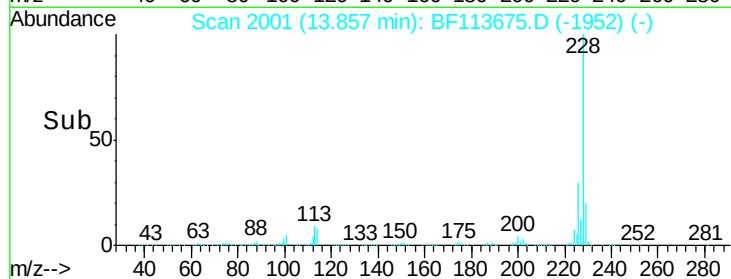
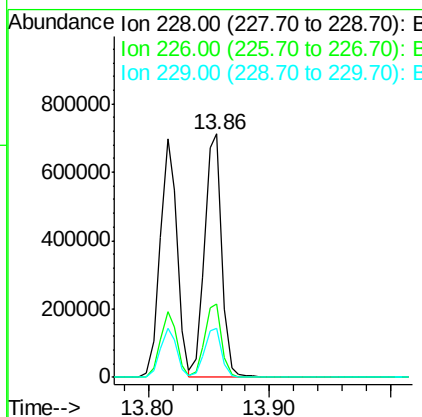
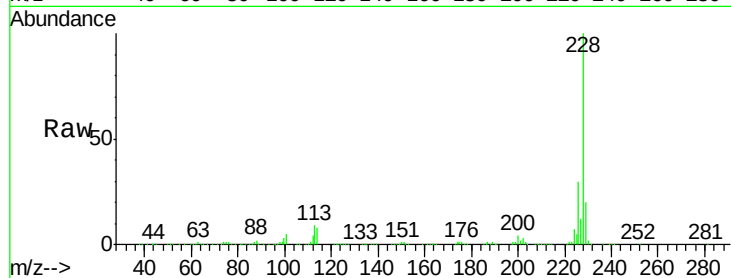
#83
Chrysene
Concen: 45.231 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF113675.D
Acq: 9 Apr 2019 21:52

Instrument :
BNA_F
ClientSampleId :
TP-14-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	700778		
226	30.1	24.3	36.5	
229	20.1	16.3	24.5	

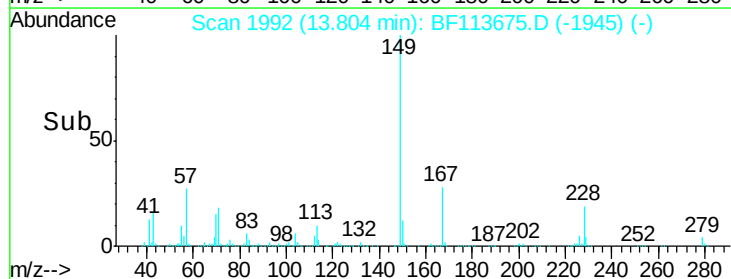
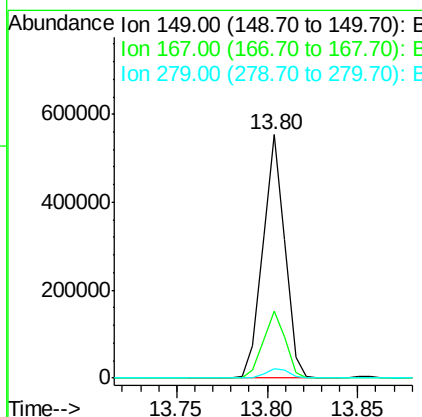
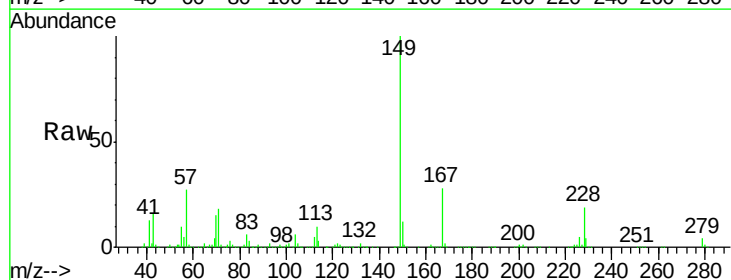
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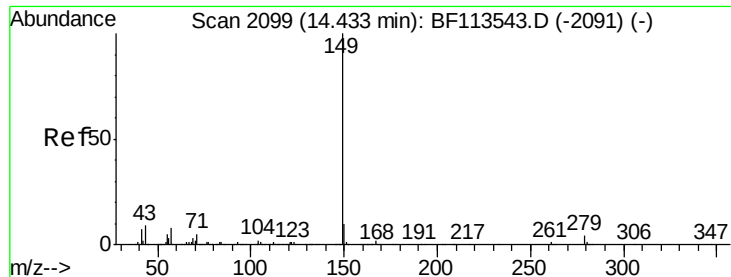
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#84
Bis(2-ethylhexyl)phthalate
Concen: 47.305 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BF113675.D
Acq: 9 Apr 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	469349		
167	27.5	21.8	32.8	
279	4.0	2.9	4.3	





#85

Di-n-octyl phthalate

Concen: 50.394 ng

RT: 14.41 min Scan# 2095

Delta R.T. -0.02 min

Lab File: BF113675.D

Acq: 9 Apr 2019 21:52

Instrument :

BNA_F

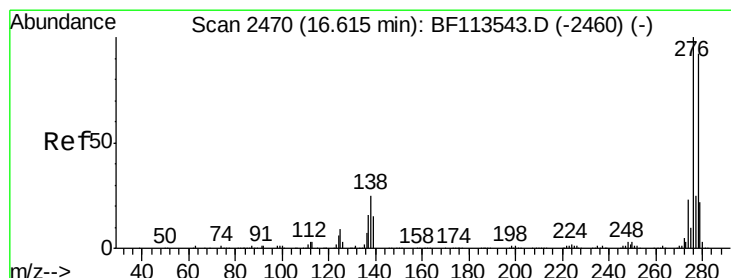
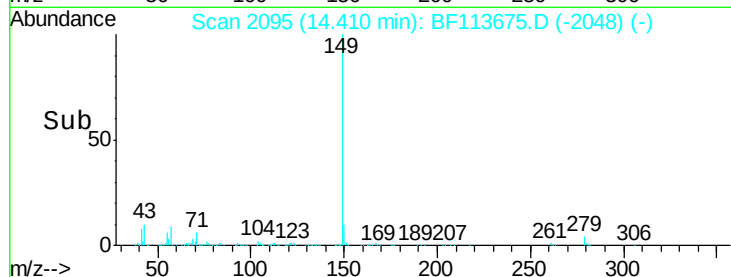
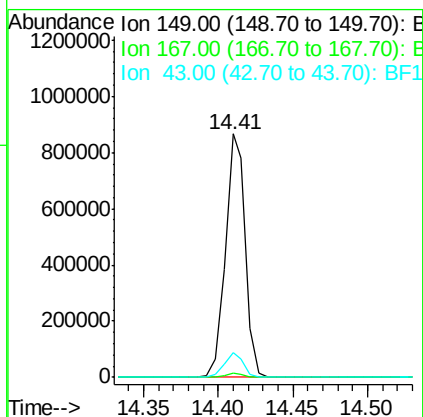
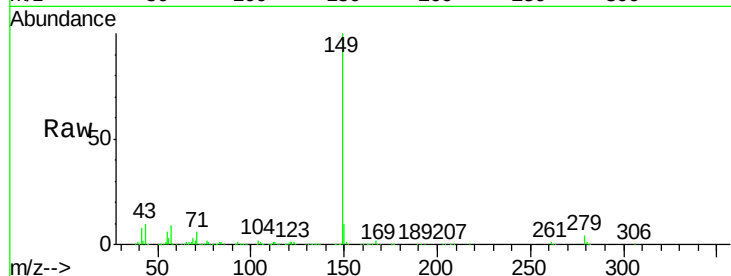
ClientSampleId :

TP-14-SMSD

Tgt Ion:	149	Resp:	812740
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	9.4	7.7	11.5

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#86

Indeno(1,2,3-cd)pyrene

Concen: 46.801 ng

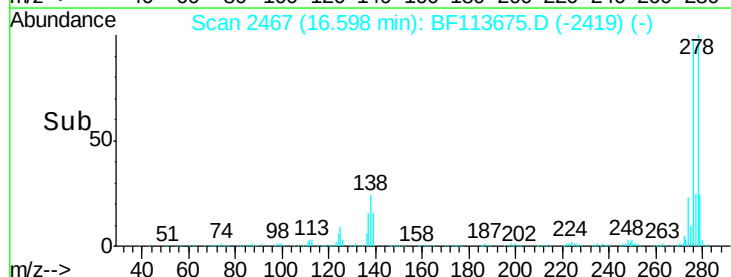
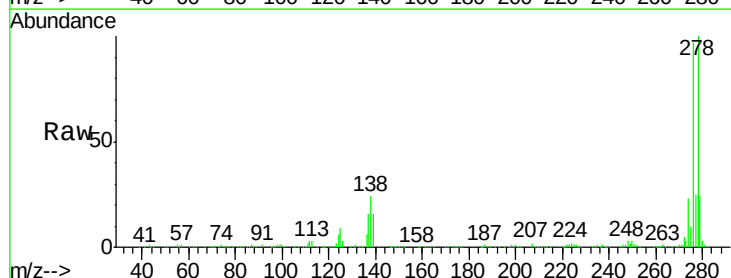
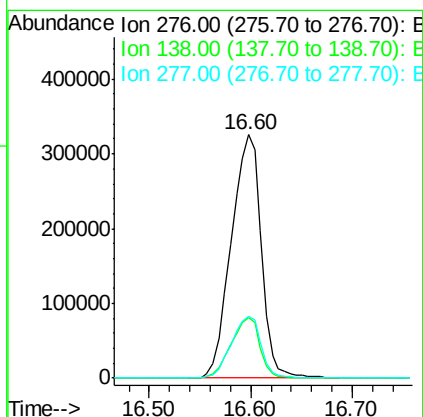
RT: 16.60 min Scan# 2467

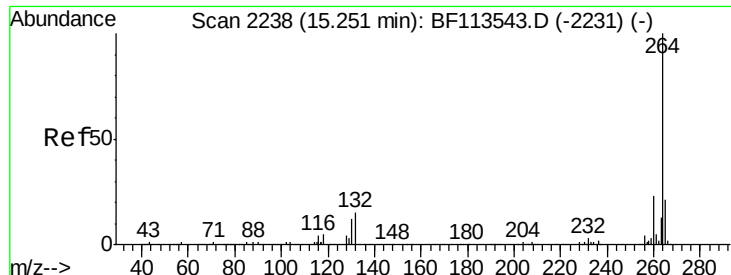
Delta R.T. -0.02 min

Lab File: BF113675.D

Acq: 9 Apr 2019 21:52

Tgt Ion:	276	Resp:	669486
Ion Ratio	Lower	Upper	
276	100		
138	23.9	18.1	27.1
277	25.4	20.2	30.4





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BF113675.D

Acq: 9 Apr 2019 21:52

Instrument :

BNA_F

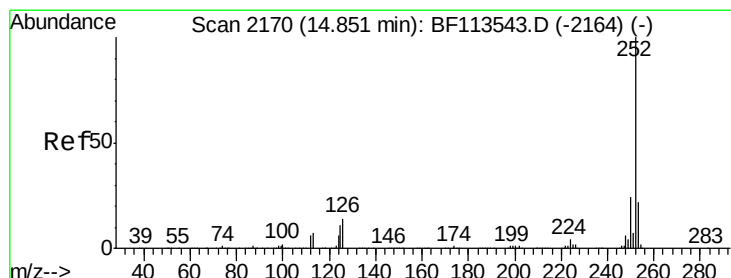
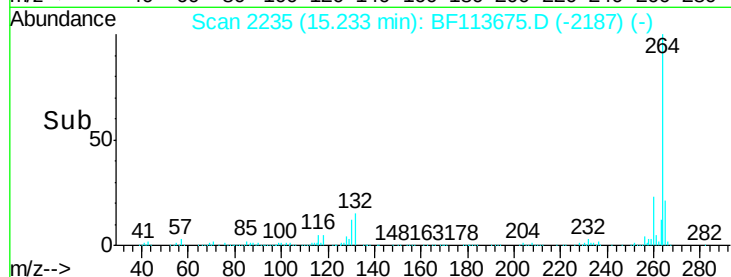
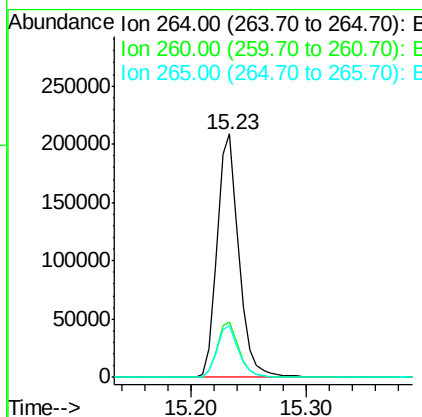
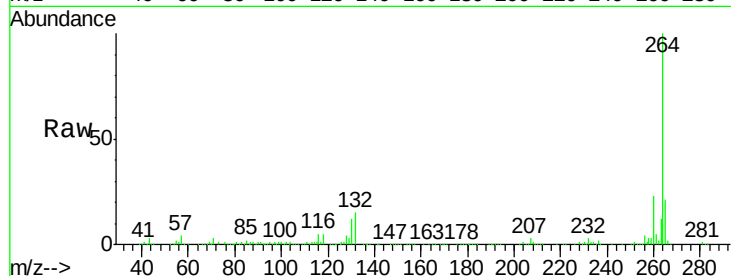
ClientSampled :

TP-14-SMSD

Tgt Ion:	264	Resp:	271789
Ion Ratio	Lower	Upper	
264	100		
260	22.8	19.1	28.7
265	21.3	17.1	25.7

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#88

Benzo(b)fluoranthene

Concen: 45.442 ng

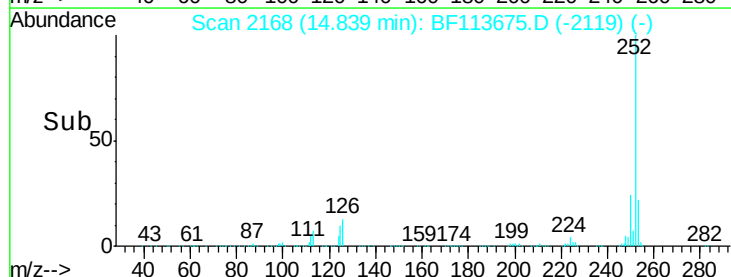
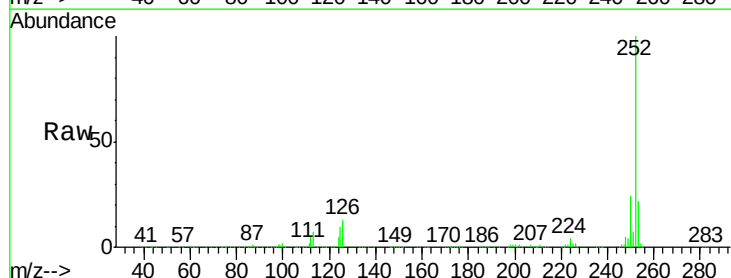
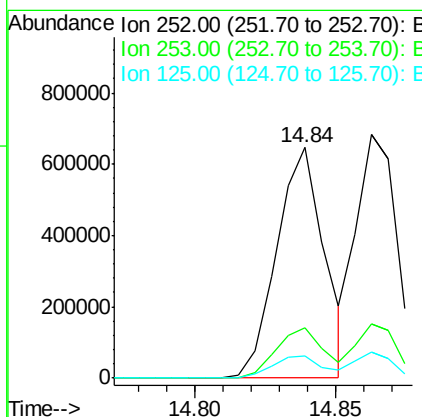
RT: 14.84 min Scan# 2168

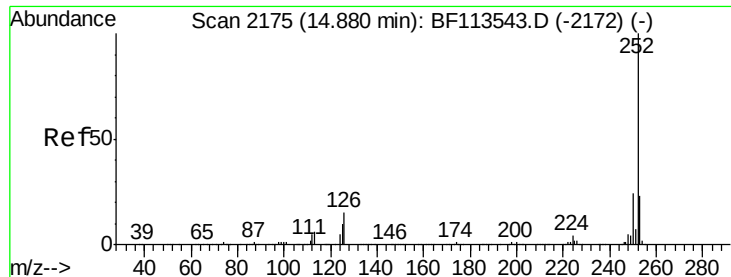
Delta R.T. -0.01 min

Lab File: BF113675.D

Acq: 9 Apr 2019 21:52

Tgt Ion:	252	Resp:	756019
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.0	27.0
125	9.7	7.6	11.4





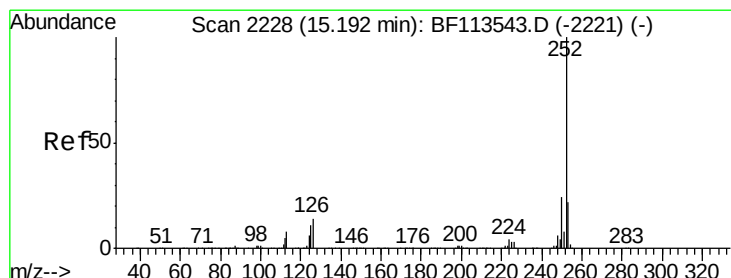
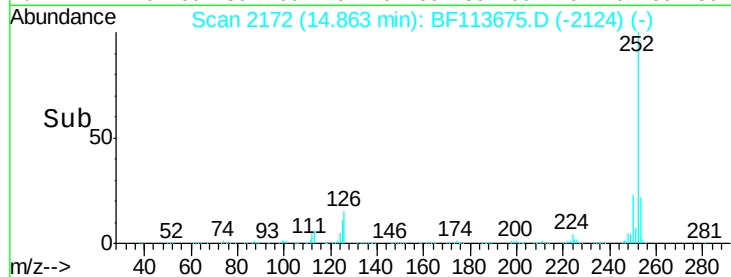
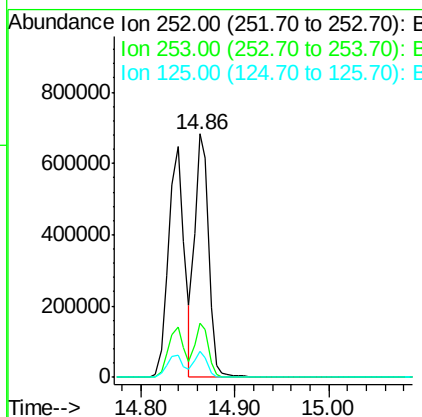
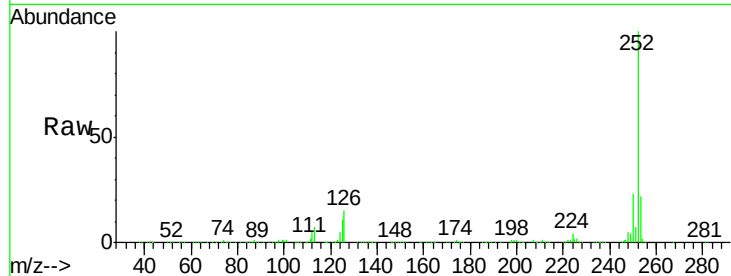
#89
Benzo(k)fluoranthene
Concen: 46.672 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BF113675.D
Acq: 9 Apr 2019 21:52

Instrument :
BNA_F
ClientSampleId :
TP-14-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	696865		
253	22.3	17.7	26.5	
125	10.6	7.3	10.9	

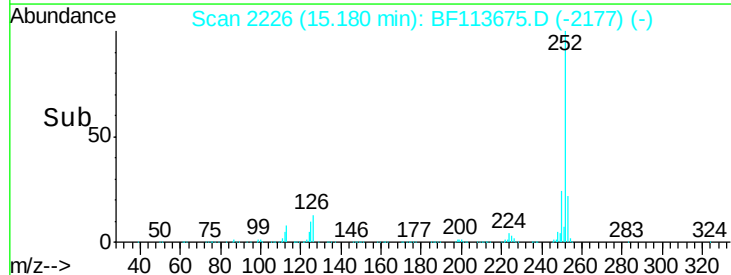
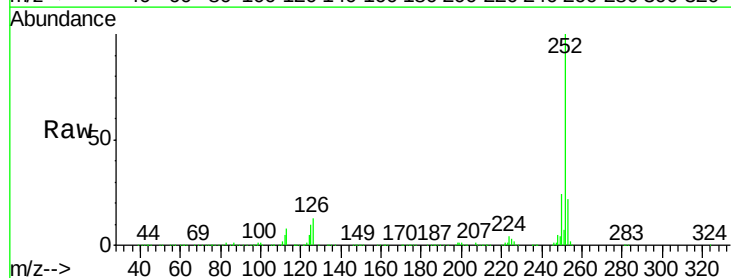
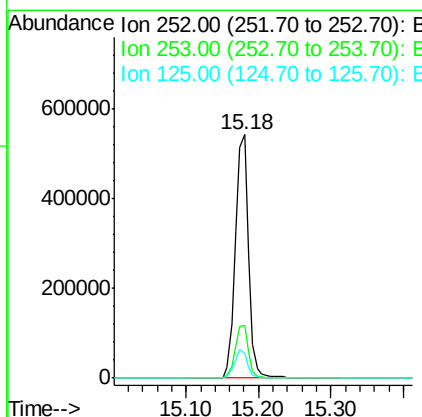
Manual Integrations
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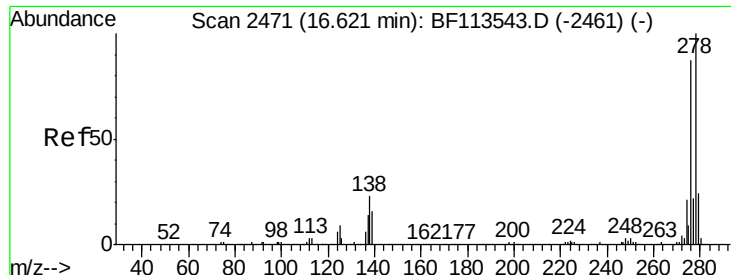
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#90
Benzo(a)pyrene
Concen: 46.497 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF113675.D
Acq: 9 Apr 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	687388		
253	21.7	17.9	26.9	
125	10.4	8.8	13.2	





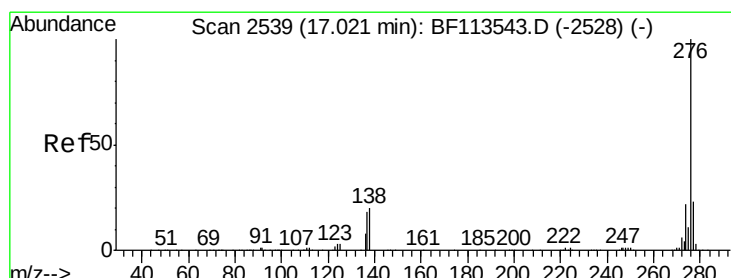
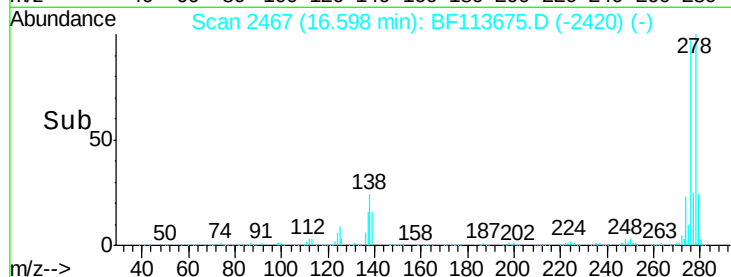
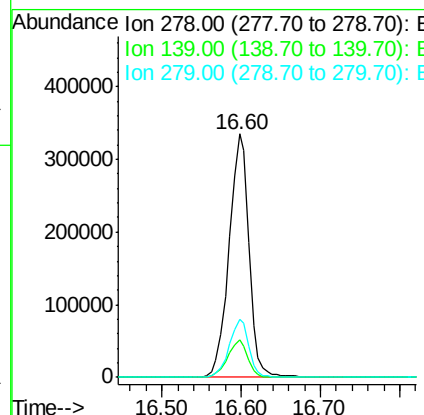
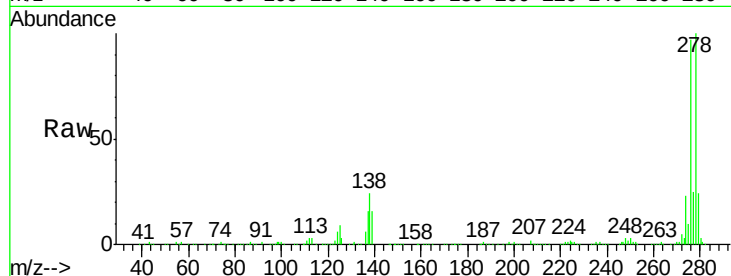
#91
Dibenzo(a,h)anthracene
Concen: 42.214 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.02 min
Lab File: BF113675.D
Acq: 9 Apr 2019 21:52

Instrument :
BNA_F
ClientSampleId :
TP-14-SMSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.0	18.0
279	23.7	19.0	28.6

Manual Integrations
APPROVED

Sohil
4/10/2019 6:20:42 PM



#92
Benzo(g,h,i)perylene
Concen: 38.469 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.02 min
Lab File: BF113675.D
Acq: 9 Apr 2019 21:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	21.3	15.6	23.4

