

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
 Data File : BF113461.D
 Acq On : 1 Apr 2019 12:36
 Operator : JU/SJ
 Sample : PB118222BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB118222BS

Manual Integrations
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Sohil
 4/2/2019 3:49:05 PM

Quant Time: Apr 01 18:19:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 01 14:33:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	152352	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	596322	20.00	ng	0.00
39) Acenaphthene-d10	9.75	164	318634	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	696200	20.00	ng	0.00
76) Chrysene-d12	13.85	240	512445	20.00	ng	0.00
87) Perylene-d12	15.26	264	417771	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1074309	115.30	ng	0.02
7) Phenol-d6	6.36	99	1367434	116.01	ng	0.00
23) Nitrobenzene-d5	7.27	82	879587	87.55	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	498539	126.67	ng	0.00
45) 2-Fluorobiphenyl	9.07	172	1702737	83.43	ng	0.00
79) Terphenyl-d14	12.80	244	2121556	91.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	164012	34.694	ng	97
3) Pyridine	3.16	79	411767	35.332	ng	95
4) n-Nitrosodimethylamine	3.09	42	173828	33.552	ng	100
6) Aniline	6.37	93	409963	28.561	ng	# 78
8) 2-Chlorophenol	6.50	128	408141	37.721	ng	100
9) Benzaldehyde	6.26	77	282203	35.678	ng	99
10) Phenol	6.37	94	497454	36.967	ng	90
11) bis(2-Chloroethyl)ether	6.45	93	386388	37.459	ng	98
12) 1,3-Dichlorobenzene	6.65	146	430056	36.873	ng	99
13) 1,4-Dichlorobenzene	6.73	146	436106	38.726	ng	99
14) 1,2-Dichlorobenzene	6.88	146	403975	36.464	ng	99
15) Benzyl Alcohol	6.86	79	314047	40.386	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.99	45	615812	39.740	ng	97
17) 2-Methylphenol	6.98	107	338898	39.967	ng	97
18) Hexachloroethane	7.22	117	155494	38.444	ng	97
19) n-Nitroso-di-n-propylamine	7.13	70	283516	38.293	ng	99
20) 3+4-Methylphenols	7.13	107	432330	44.266	ng	90
22) Acetophenone	7.12	105	560449	41.211	ng	# 100
24) Nitrobenzene	7.29	77	427881	40.813	ng	98
25) Isophorone	7.53	82	816282	41.924	ng	99
26) 2-Nitrophenol	7.61	139	231926	41.852	ng	95
27) 2,4-Dimethylphenol	7.66	122	389710	48.887	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	522942	42.650	ng	99
29) 2,4-Dichlorophenol	7.86	162	379098	43.884	ng	98
30) 1,2,4-Trichlorobenzene	7.94	180	385742	41.388	ng	99
31) Naphthalene	8.02	128	1200117	41.183	ng	99
32) Benzoic acid	7.81	122	246302	38.384	ng	99
33) 4-Chloroaniline	8.07	127	275834	24.274	ng	97
34) Hexachlorobutadiene	8.13	225	224739	40.571	ng	98
35) Caprolactam	8.45	113	131705m	47.504	ng	
36) 4-Chloro-3-methylphenol	8.56	107	396008	45.577	ng	100
37) 2-Methylnaphthalene	8.70	142	832712	45.796	ng	98
38) 1-Methylnaphthalene	8.80	142	780565	44.631	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	391772	38.304	ng	99

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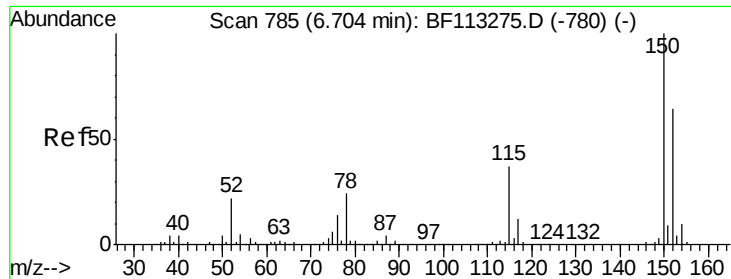
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 01 14:33:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	309984	71.602	ng	99
43) 2,4,6-Trichlorophenol	8.99	196	271701	40.793	ng	99
44) 2,4,5-Trichlorophenol	9.04	196	297624	40.377	ng	98
46) 1,1'-Biphenyl	9.17	154	1047472	39.361	ng	99
47) 2-Chloronaphthalene	9.19	162	794707	38.785	ng	99
48) 2-Nitroaniline	9.29	65	256404	39.875	ng	98
49) Acenaphthylene	9.60	152	1280221	38.642	ng	100
50) Dimethylphthalate	9.47	163	999177	42.314	ng	100
51) 2,6-Dinitrotoluene	9.53	165	220427	41.378	ng	89
52) Acenaphthene	9.78	154	741311	39.733	ng	100
53) 3-Nitroaniline	9.70	138	150461	25.046	ng	93
54) 2,4-Dinitrophenol	9.82	184	199855	75.431	ng	98
55) Dibenzofuran	9.95	168	1105832	39.426	ng	100
56) 4-Nitrophenol	9.89	139	312499	72.964	ng	91
57) 2,4-Dinitrotoluene	9.95	165	283171	41.800	ng	97
58) Fluorene	10.29	166	879683	40.372	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.07	232	289018	46.367	ng	100
60) Diethylphthalate	10.17	149	1029022	44.422	ng	100
61) 4-Chlorophenyl-phenylether	10.28	204	448575	42.240	ng	99
62) 4-Nitroaniline	10.32	138	257878	41.692	ng	99
63) Azobenzene	10.45	77	912049	41.827	ng	99
65) 4,6-Dinitro-2-methylphenol	10.36	198	131805	34.608	ng	99
66) n-Nitrosodiphenylamine	10.40	169	844344	39.523	ng	99
67) 4-Bromophenyl-phenylether	10.77	248	300147	39.555	ng	97
68) Hexachlorobenzene	10.85	284	352523	40.024	ng	98
69) Atrazine	10.93	200	269619	39.985	ng	99
70) Pentachlorophenol	11.04	266	363388	79.189	ng	98
71) Phenanthrene	11.25	178	1371604	39.672	ng	100
72) Anthracene	11.30	178	1457030	41.490	ng	100
73) Carbazole	11.46	167	1387026	41.392	ng	99
74) Di-n-butylphthalate	11.79	149	1697612	43.686	ng	100
75) Fluoranthene	12.43	202	1524765	39.012	ng	99
77) Benzidine	12.55	184	850836	43.357	ng	99
78) Pyrene	12.66	202	1535902	43.252	ng	100
80) Butylbenzylphthalate	13.27	149	707793	45.227	ng	99
81) Benzo(a)anthracene	13.84	228	1143100	38.969	ng	100
82) 3,3'-Dichlorobenzidine	13.80	252	340774	28.959	ng	100
83) Chrysene	13.88	228	1171481	39.319	ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	908323	47.345	ng	99
85) Di-n-octyl phthalate	14.44	149	1493417	45.859	ng	100
86) Indeno(1,2,3-cd)pyrene	16.63	276	1006810	39.374	ng	100
88) Benzo(b)fluoranthene	14.86	252	1108440	42.711	ng	99
89) Benzo(k)fluoranthene	14.89	252	939919	41.242	ng	98
90) Benzo(a)pyrene	15.20	252	966751	42.019	ng	99
91) Dibenzo(a,h)anthracene	16.63	278	854441	42.951	ng	99
92) Benzo(g,h,i)perylene	17.03	276	838292	41.793	ng	98

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



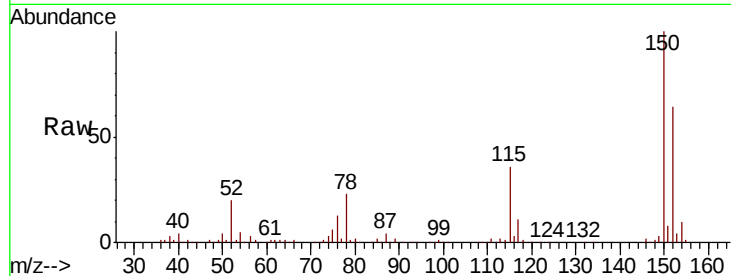
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB118222BS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	152352		
150	155.9	123.6	185.4	
115	56.6	45.8	68.6	

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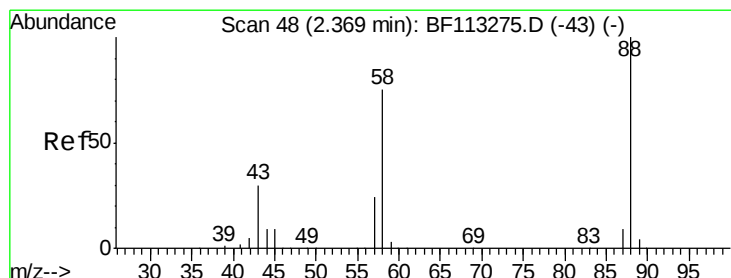
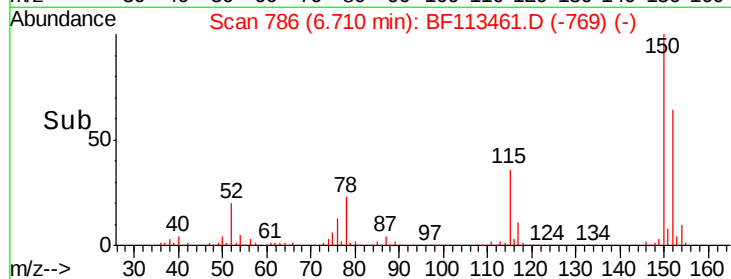
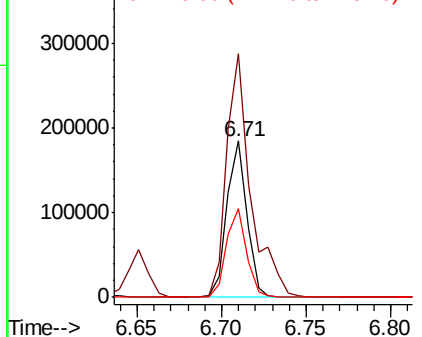


Abundance

Ion 152.00 (151.70 to 152.70): E

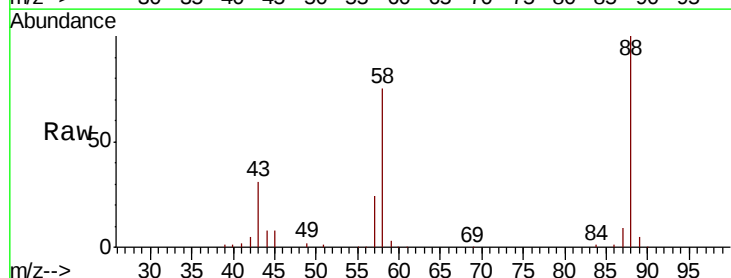
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 34.694 ng
 RT: 2.45 min Scan# 62
 Delta R.T. 0.10 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	164012		
58	75.9	62.7	94.1	
43	27.7	23.2	34.8	

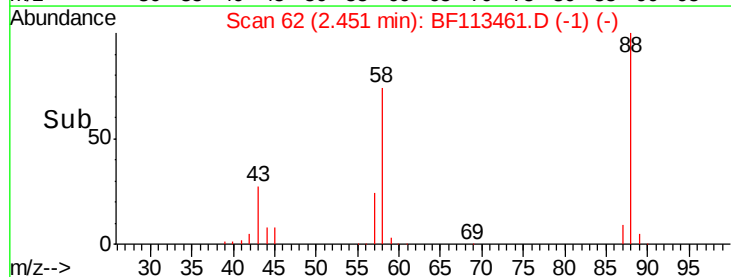
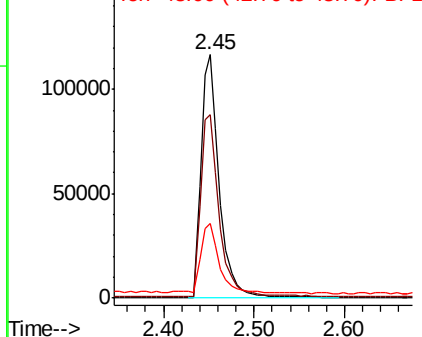


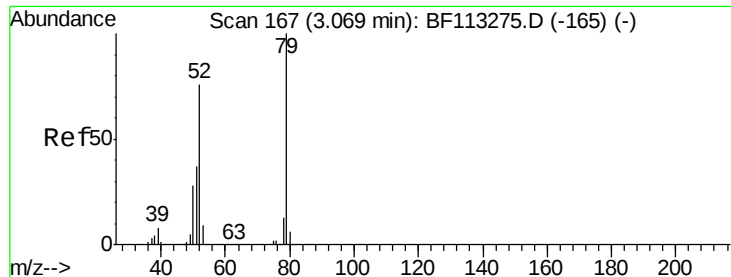
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 35.332 ng

RT: 3.16 min Scan# 183

Delta R.T. 0.11 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Instrument :

BNA_F

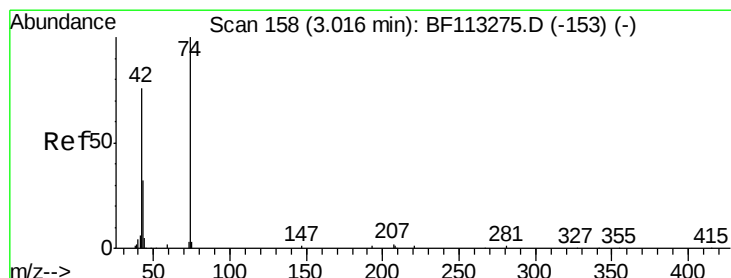
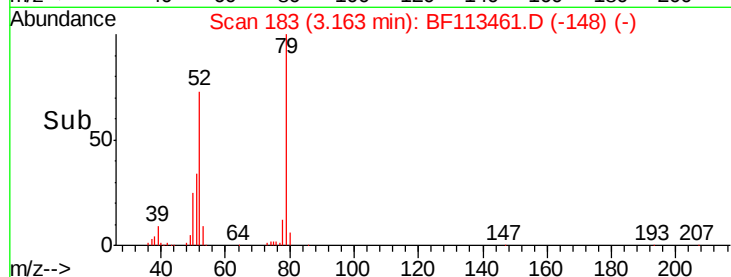
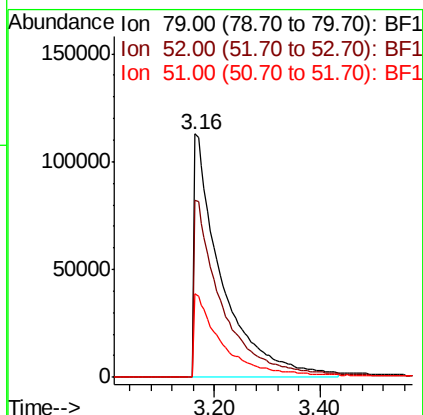
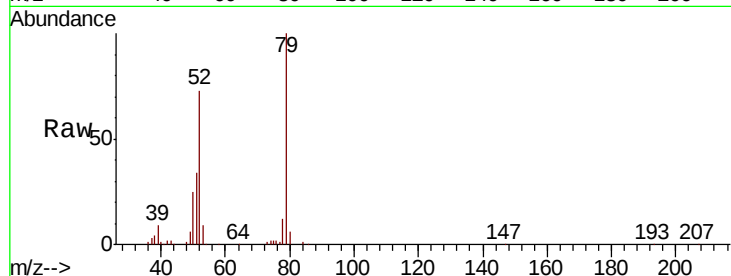
ClientSampleId :

PB118222BS

Tgt Ion:	79	Resp:	411767
Ion	Ratio	Lower	Upper
79	100		
52	72.8	61.4	92.2
51	34.2	29.4	44.2

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#4

n-Nitrosodimethylamine

Concen: 33.552 ng

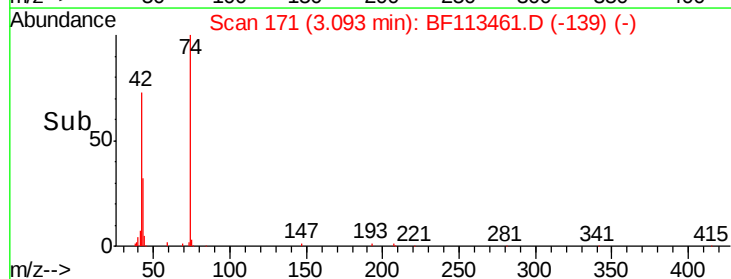
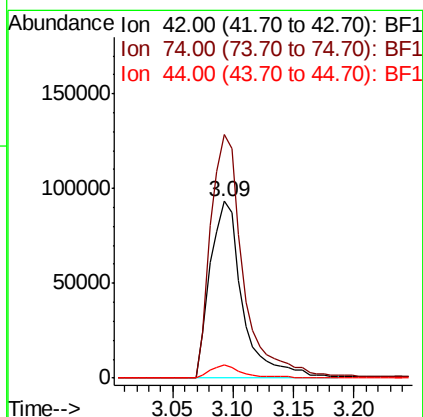
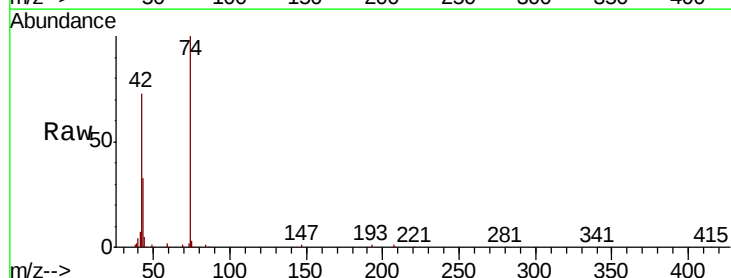
RT: 3.09 min Scan# 171

Delta R.T. 0.09 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Tgt Ion:	42	Resp:	173828
Ion	Ratio	Lower	Upper
42	100		
74	137.6	109.7	164.5
44	7.3	5.4	8.0





#5

2-Fluorophenol

Concen: 115.300 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Instrument :

BNA_F

ClientSampled :

PB118222BS

Tgt Ion: 112 Resp: 1074309

Ion Ratio Lower Upper

112 100

64 57.6 47.7 71.5

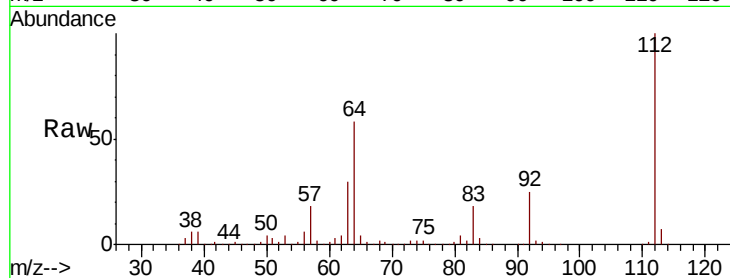
63 29.7 23.8 35.6

Manual Integrations

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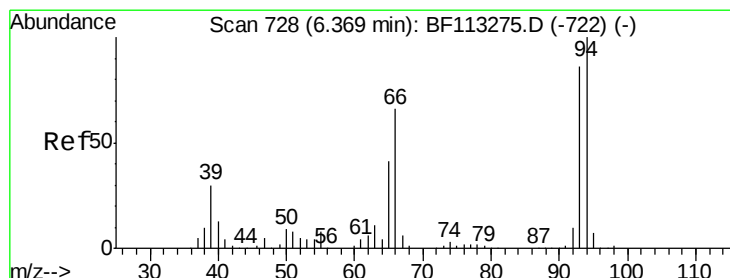
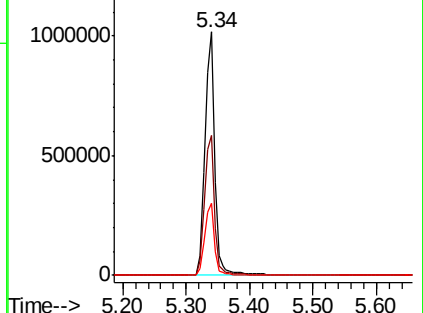
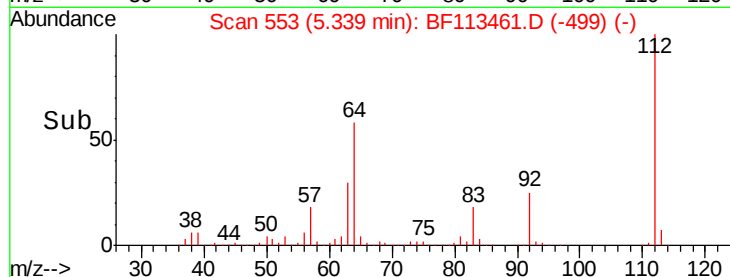
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.561 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

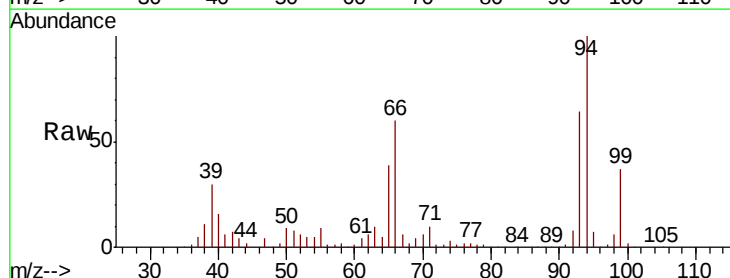
Tgt Ion: 93 Resp: 409963

Ion Ratio Lower Upper

93 100

66 94.3 59.8 89.6#

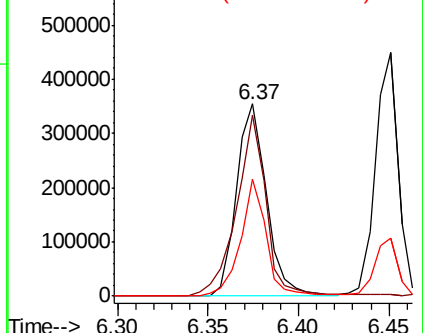
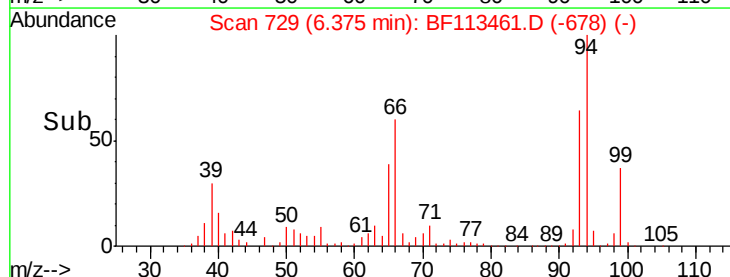
65 60.8 37.4 56.2#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.011 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Instrument :

BNA_F

ClientSampled :

PB118222BS

Tgt Ion: 99 Resp: 1367434

Ion Ratio Lower Upper

99 100

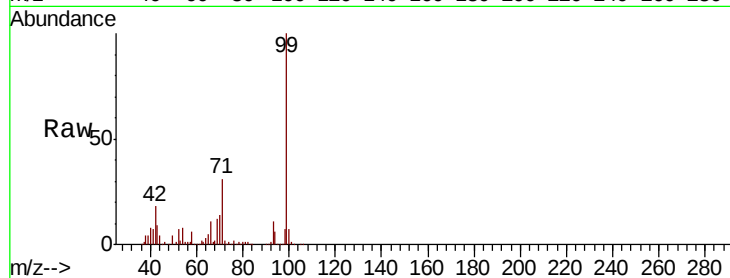
42 18.3 14.4 21.6

71 31.1 25.0 37.6

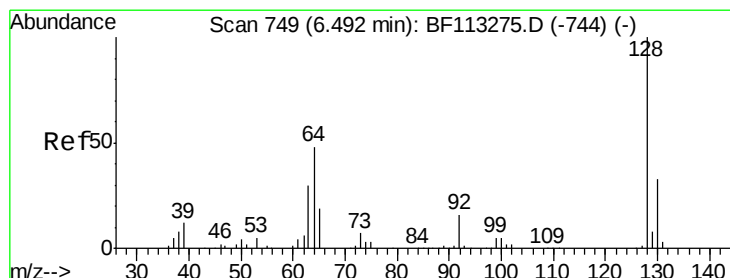
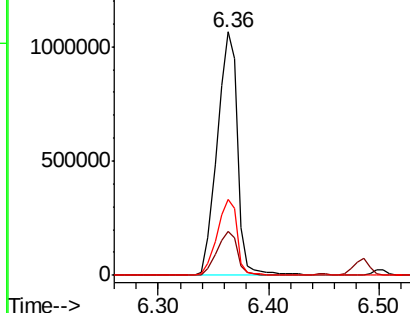
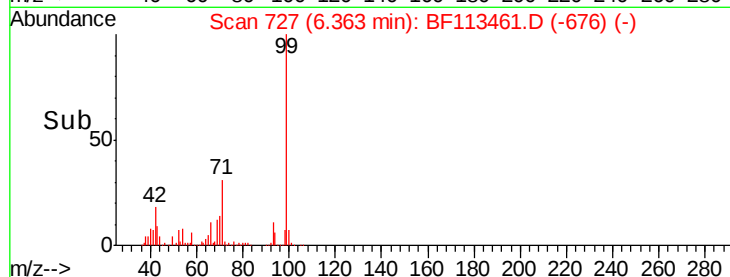
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.721 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

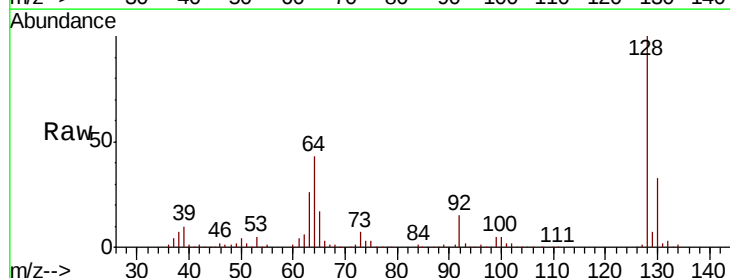
Tgt Ion: 128 Resp: 408141

Ion Ratio Lower Upper

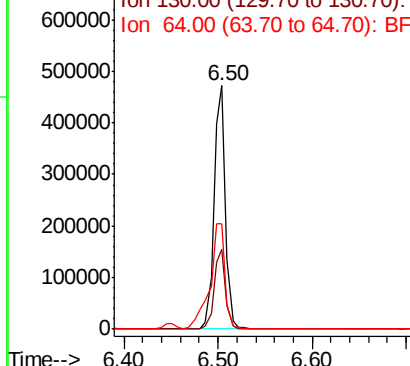
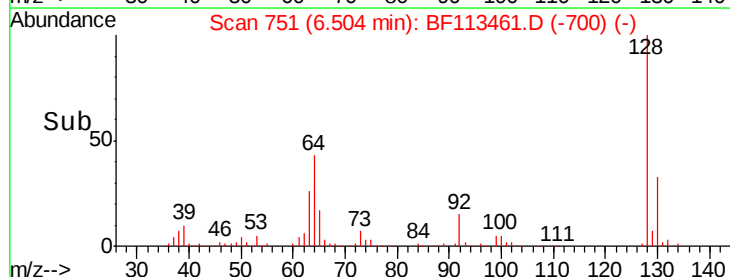
128 100

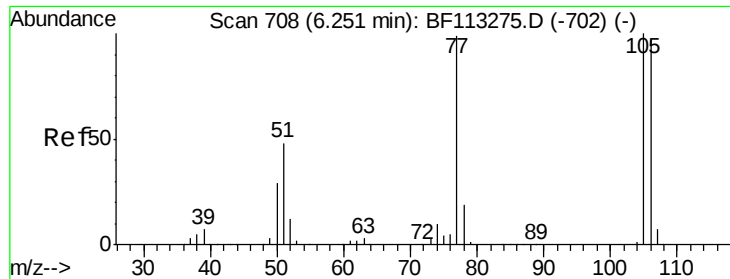
130 33.0 13.0 53.0

64 43.3 23.6 63.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





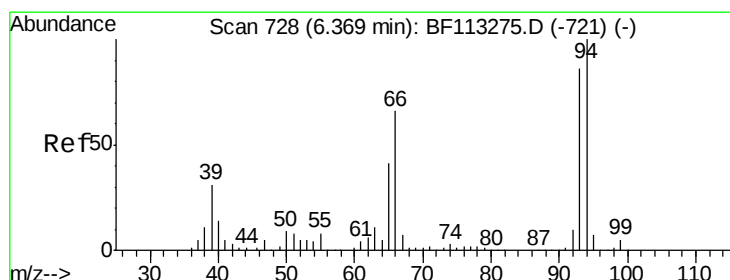
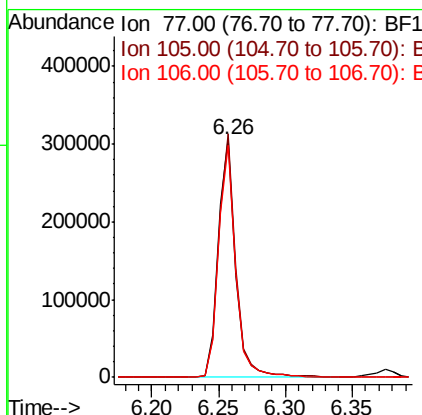
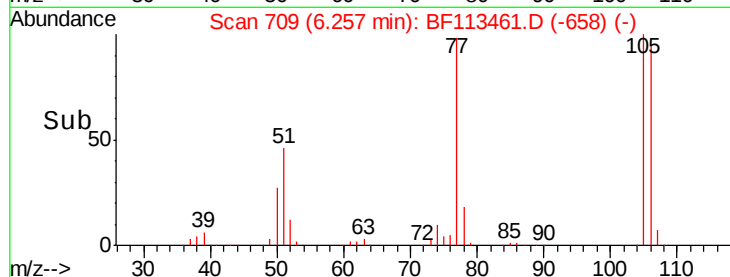
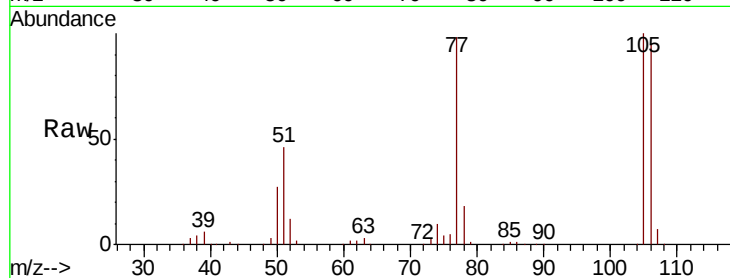
#9
Benzaldehyde
Concen: 35.678 ng
RT: 6.26 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion: 77 Resp: 282203
Ion Ratio Lower Upper
77 100
105 102.3 81.1 121.1
106 97.3 76.9 116.9

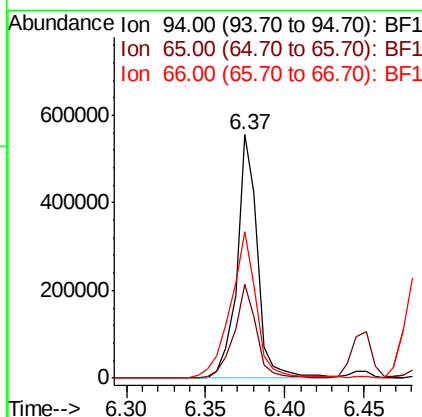
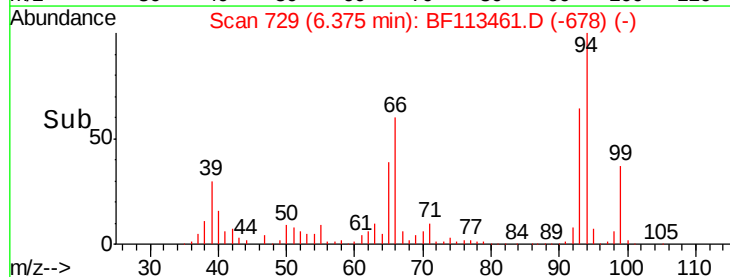
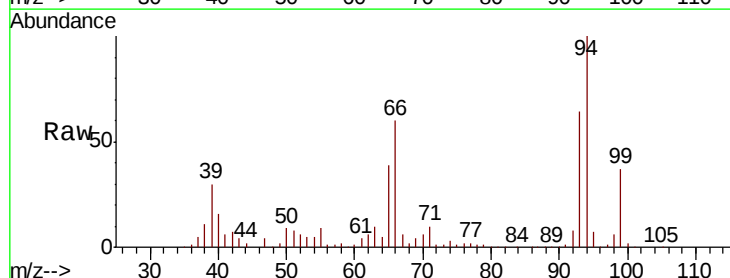
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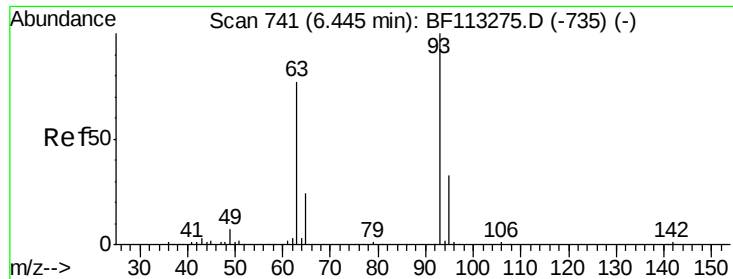
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#10
Phenol
Concen: 36.967 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion: 94 Resp: 497454
Ion Ratio Lower Upper
94 100
65 38.8 23.7 63.7
66 60.1 49.7 89.7





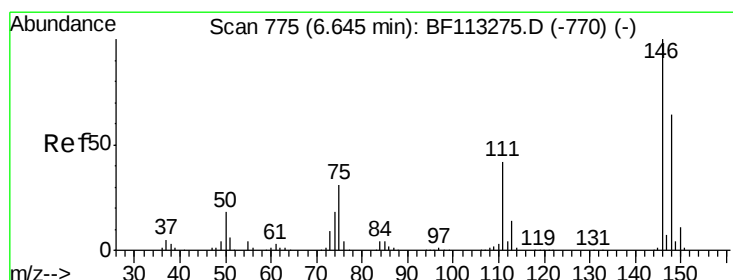
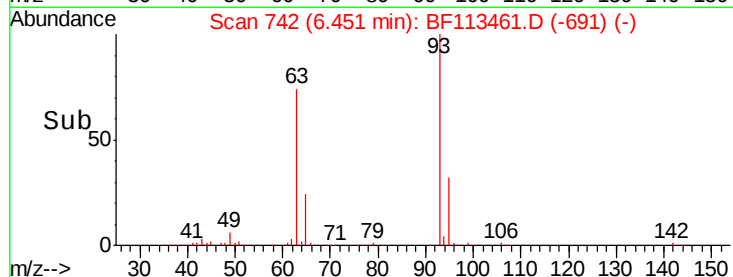
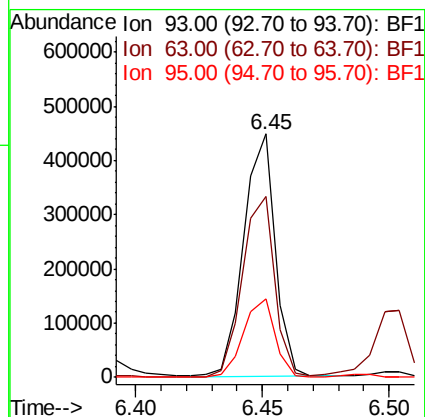
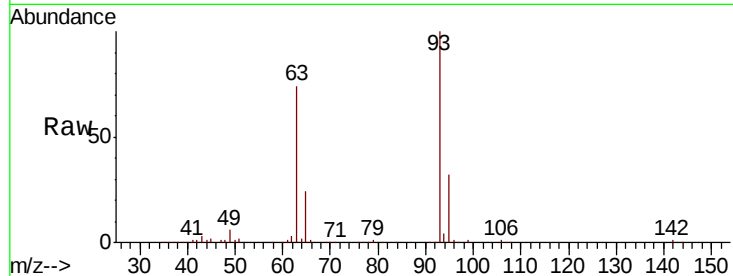
#11
 bis(2-Chloroethyl)ether
 Concen: 37.459 ng
 RT: 6.45 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB118222BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	386388		
63	74.0	55.7	95.7	
95	32.1	12.4	52.4	

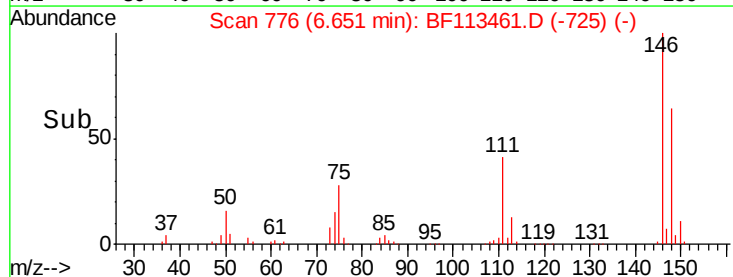
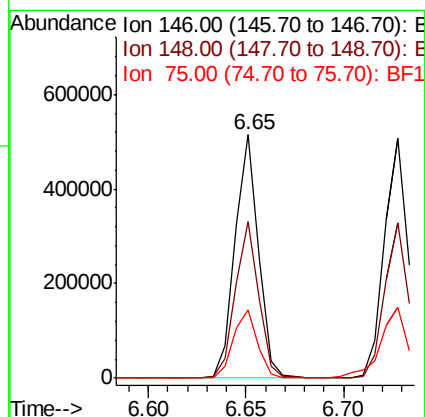
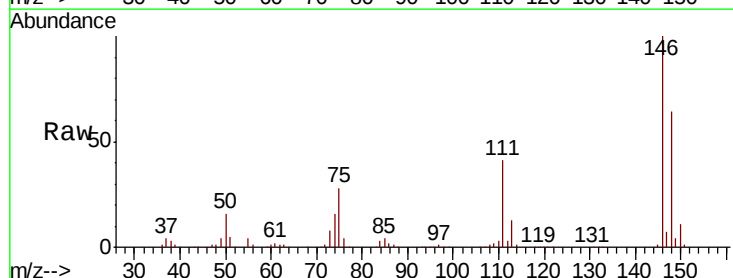
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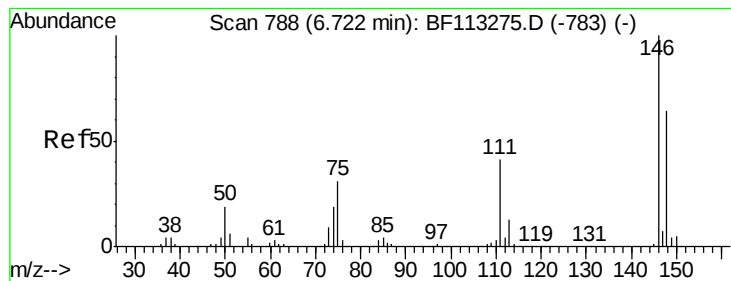
Sohil
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#12
 1,3-Dichlorobenzene
 Concen: 36.873 ng
 RT: 6.65 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	430056		
148	64.1	51.4	77.2	
75	28.2	24.0	36.0	





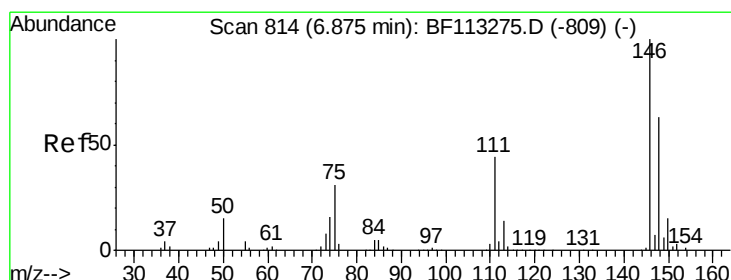
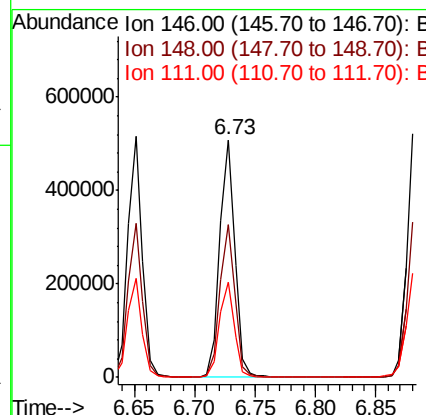
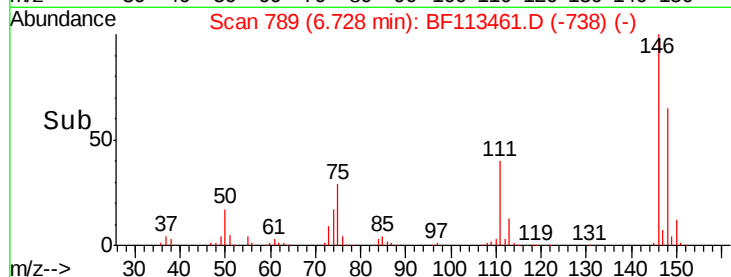
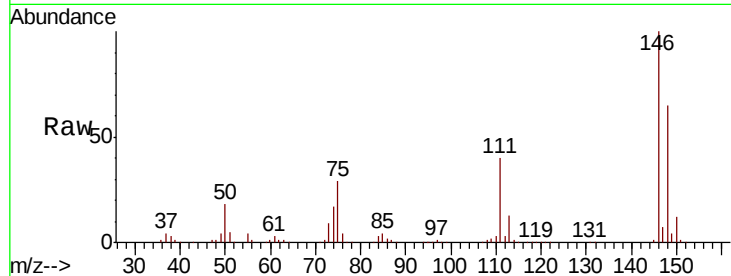
#13
 1,4-Dichlorobenzene
 Concen: 38.726 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB118222BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	436106		
148	64.5	50.4	75.6	
111	40.1	32.4	48.6	

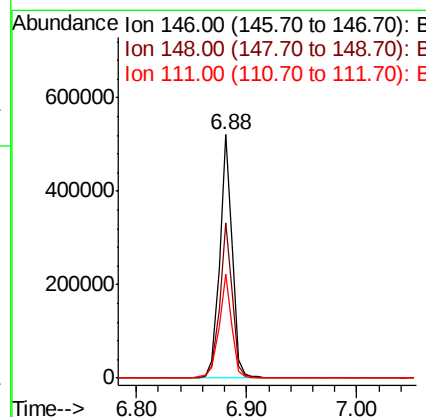
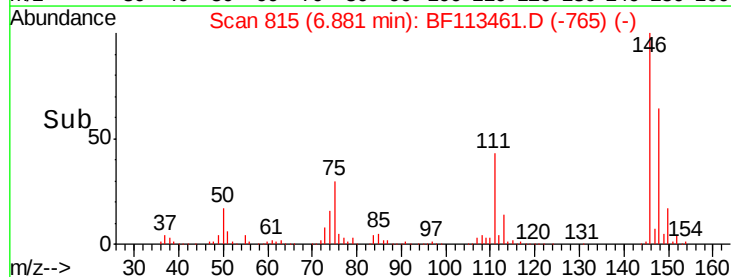
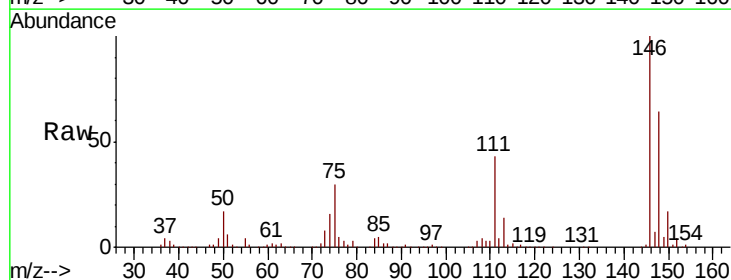
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#14
 1,2-Dichlorobenzene
 Concen: 36.464 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	403975		
148	63.8	51.0	76.6	
111	42.5	32.2	48.4	





#15

Benzyl Alcohol

Concen: 40.386 ng

RT: 6.86 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Instrument :

BNA_F

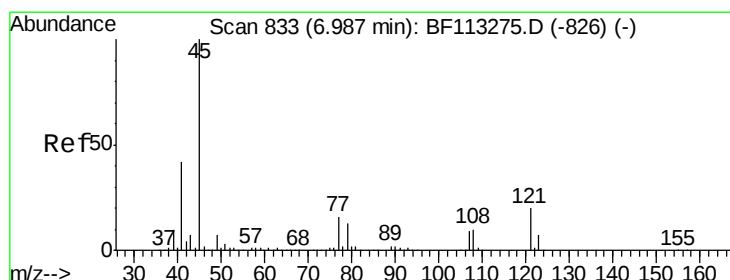
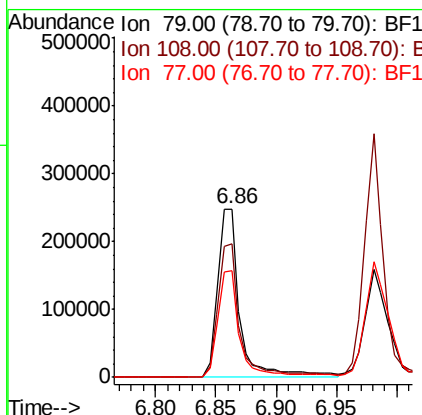
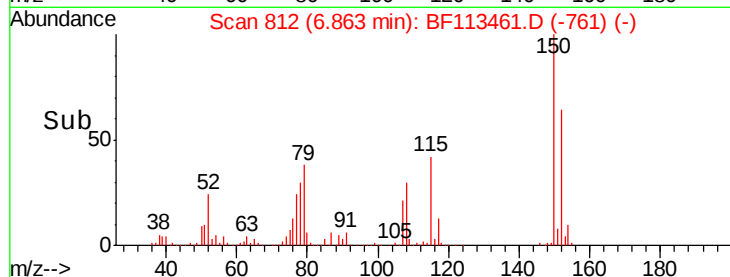
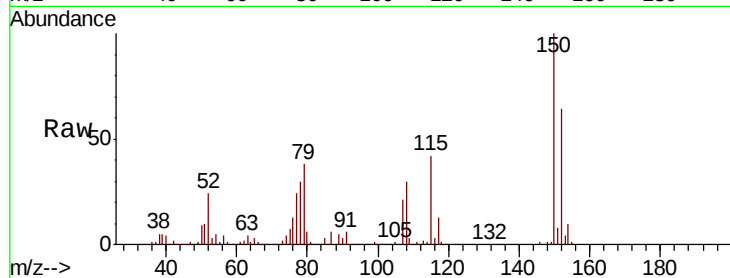
ClientSampleId :

PB118222BS

Tgt Ion:	79	Resp:	314047
Ion Ratio	Lower	Upper	
79	100		
108	78.9	62.8	94.2
77	63.4	50.5	75.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.740 ng

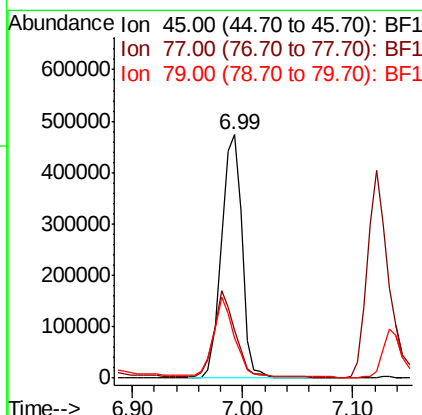
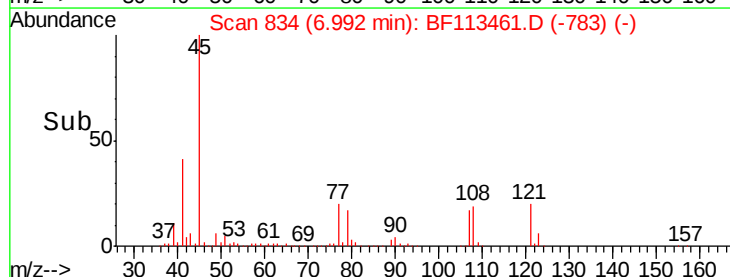
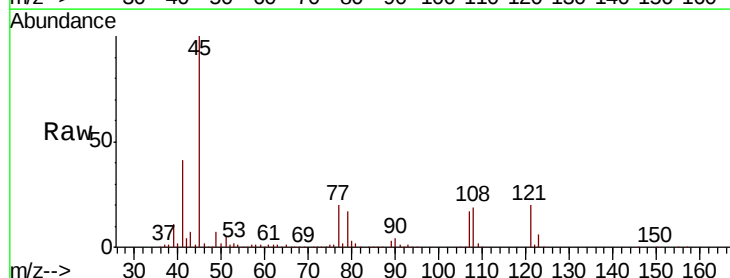
RT: 6.99 min Scan# 834

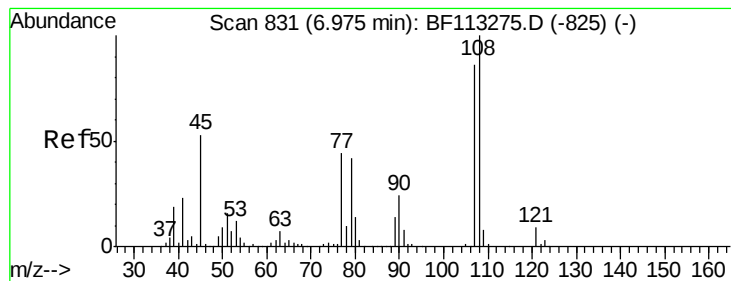
Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Tgt Ion:	45	Resp:	615812
Ion Ratio	Lower	Upper	
45	100		
77	19.8	0.8	40.8
79	16.7	0.0	38.0





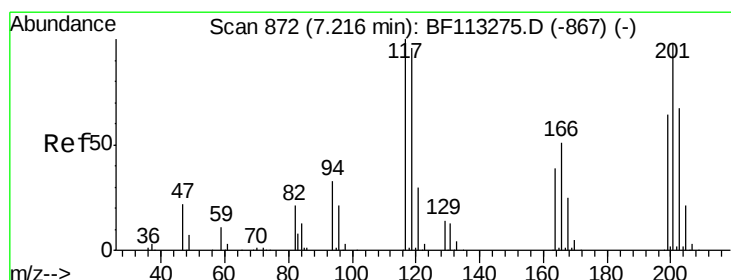
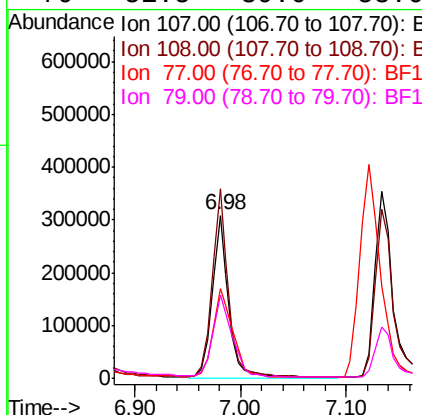
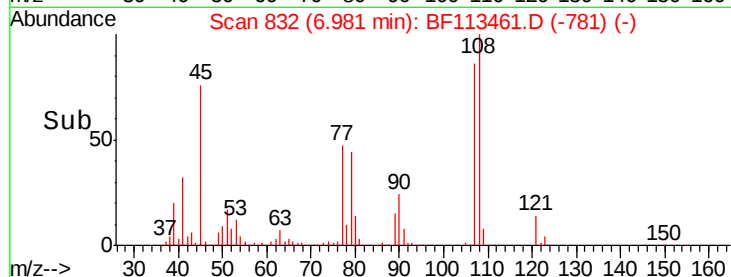
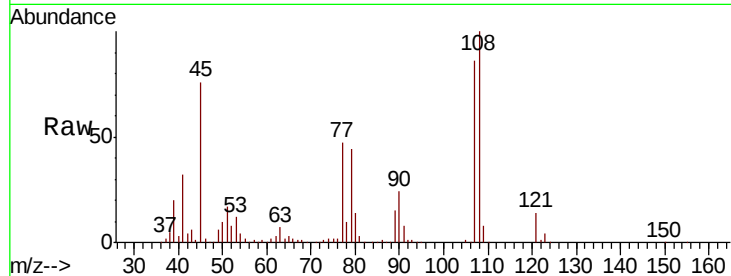
#17
2-Methylphenol
Concen: 39.967 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.4	91.8	137.6	
77	55.2	41.4	62.2	
79	51.5	39.0	58.6	

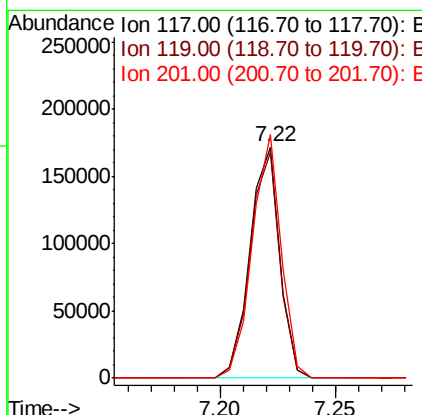
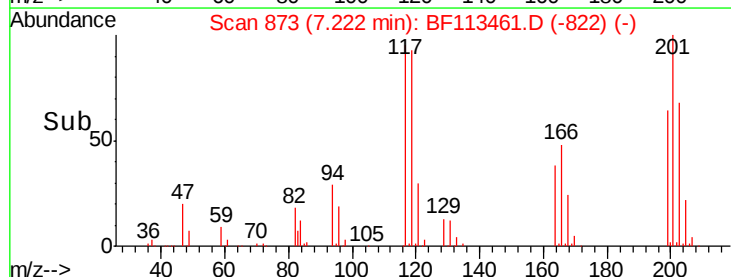
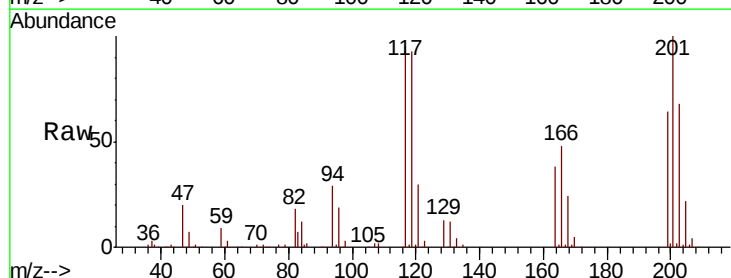
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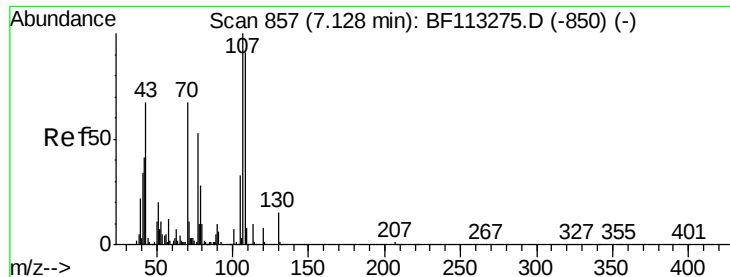
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#18
Hexachloroethane
Concen: 38.444 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.6	77.8	116.6	
201	105.3	79.4	119.0	





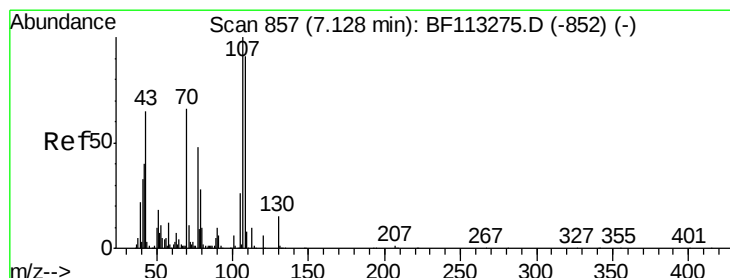
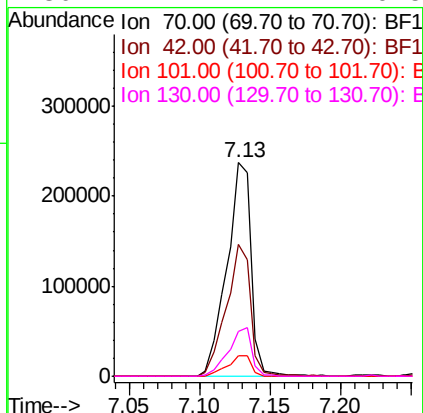
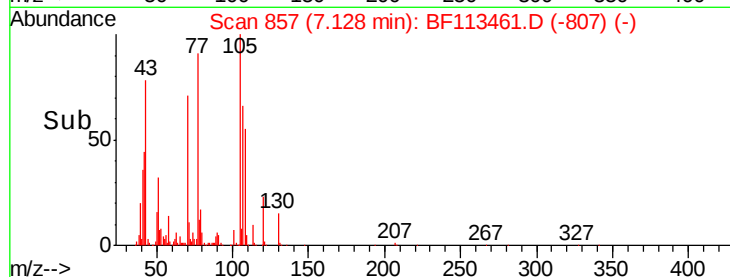
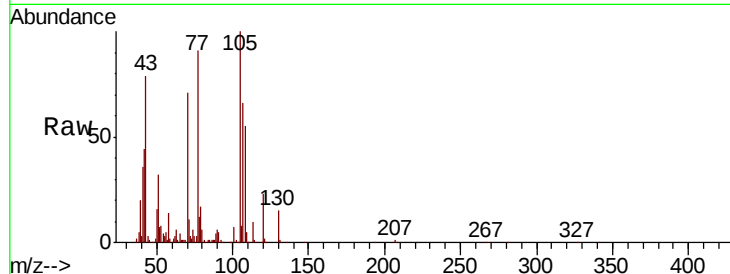
#19
n-Nitroso-di-n-propylamine
Concen: 38.293 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	61.9	49.4	74.0
101	9.5	7.6	11.4
130	21.1	17.7	26.5

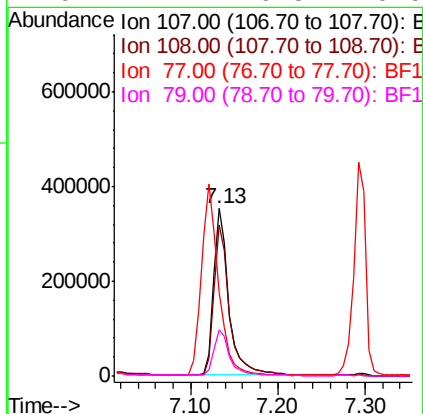
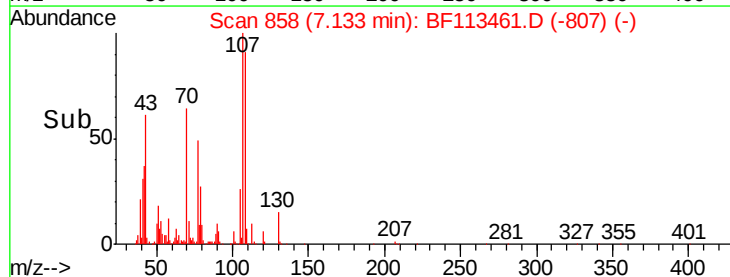
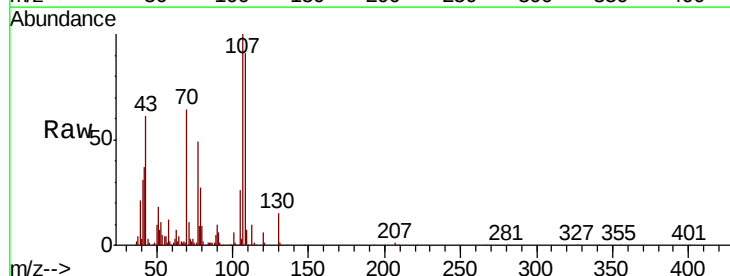
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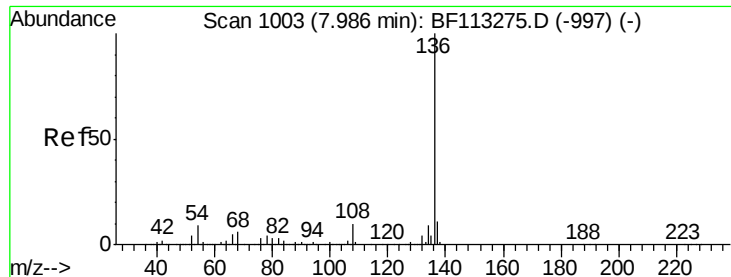
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#20
3+4-Methylphenols
Concen: 44.266 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.6	68.7	108.7
77	49.4	49.3	89.3
79	27.4	6.5	46.5





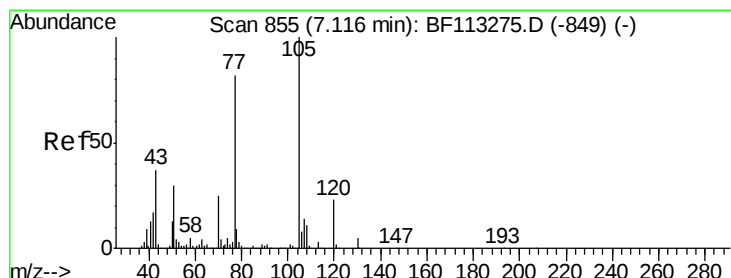
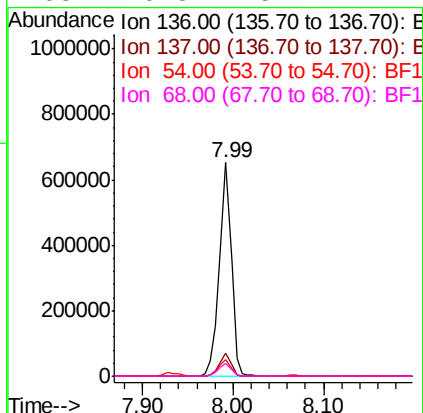
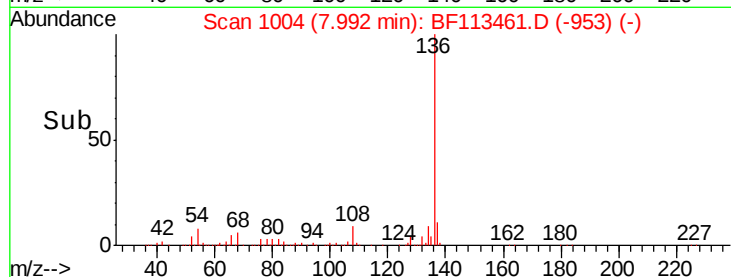
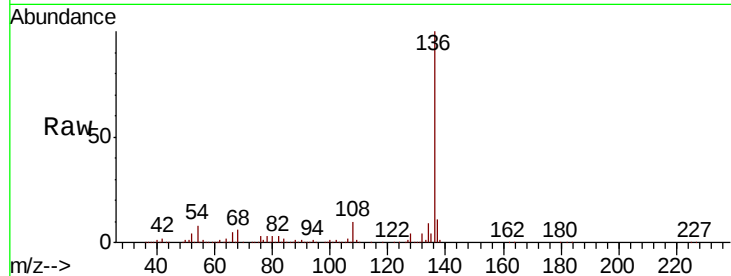
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	596322		
137	11.0	9.1	13.7	
54	7.9	6.9	10.3	
68	6.3	5.1	7.7	

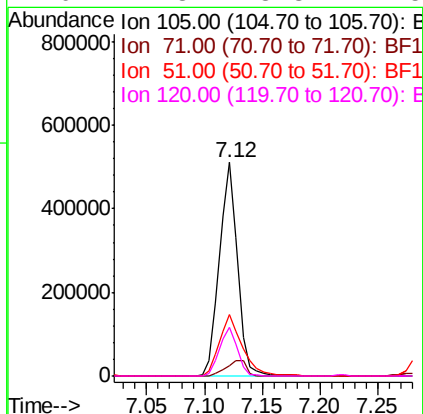
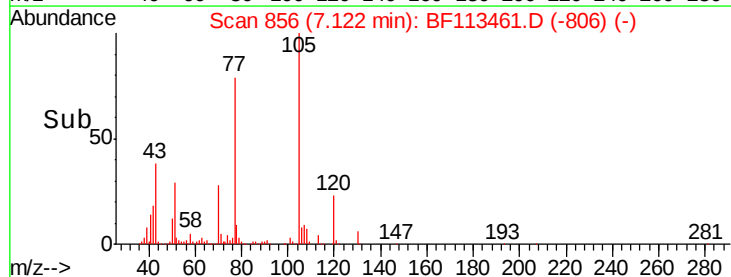
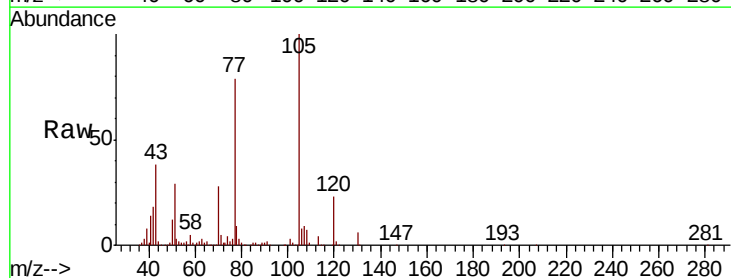
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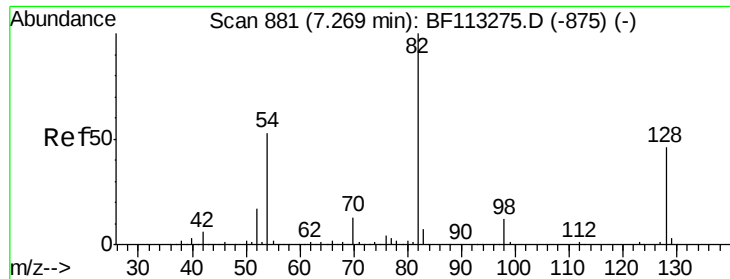
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#22
Acetophenone
Concen: 41.211 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	560449		
71	4.5	4.6	6.8#	
51	28.8	23.0	34.6	
120	22.8	18.3	27.5	





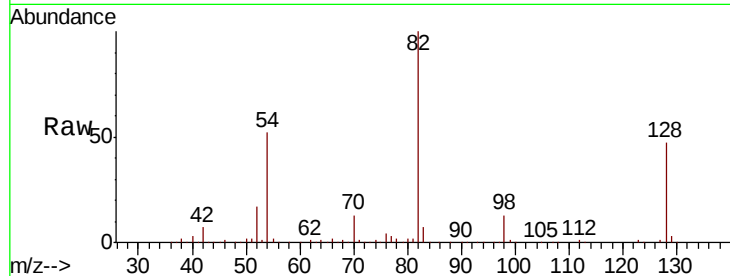
#23
 Nitrobenzene-d5
 Concen: 87.548 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB118222BS

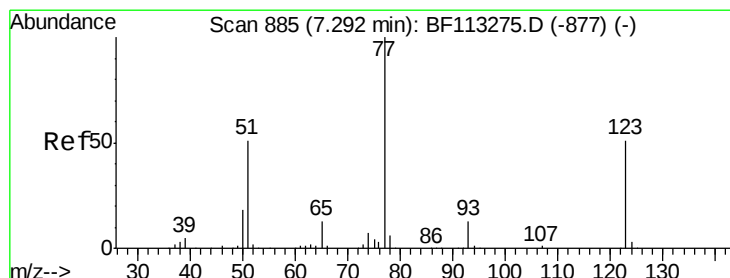
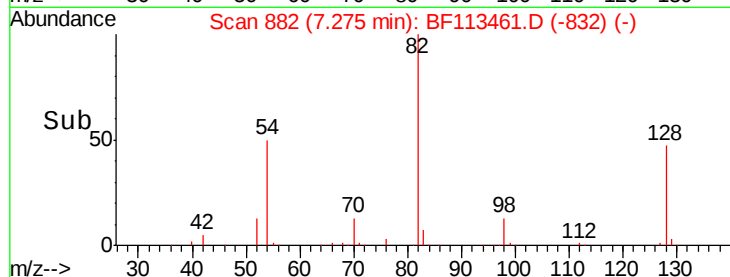
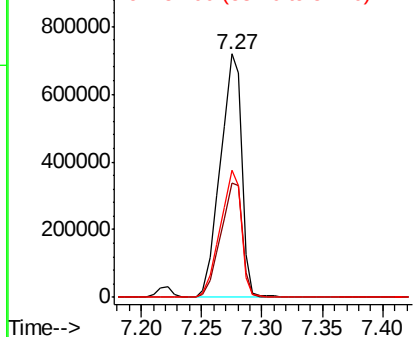
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	879587		
128	46.9	37.9	56.9	
54	52.4	41.9	62.9	

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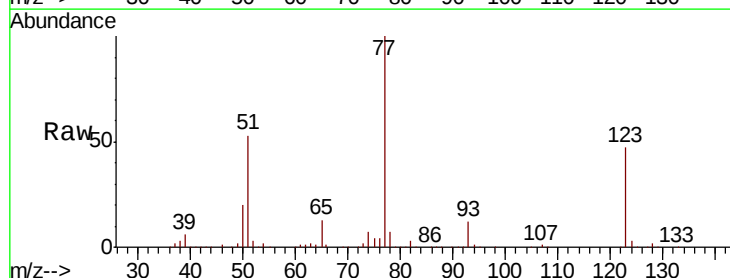


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

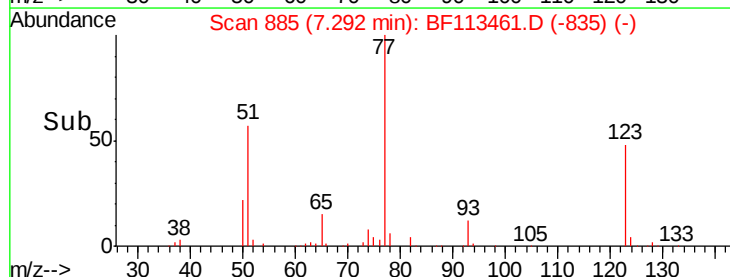
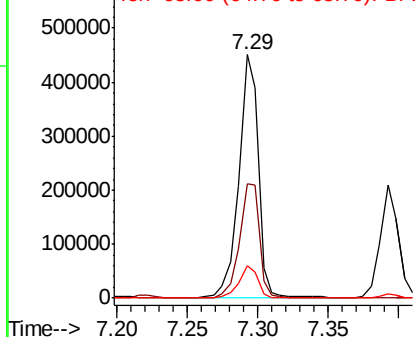


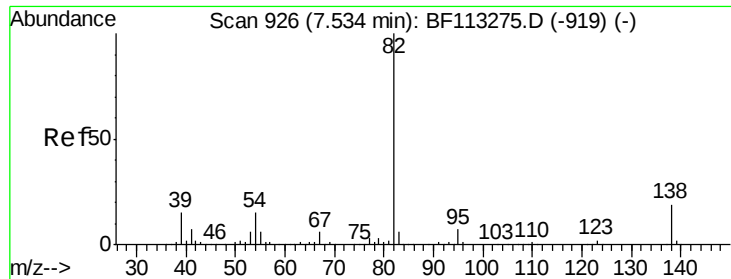
#24
 Nitrobenzene
 Concen: 40.813 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	427881		
123	47.1	39.0	58.4	
65	13.5	10.8	16.2	



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





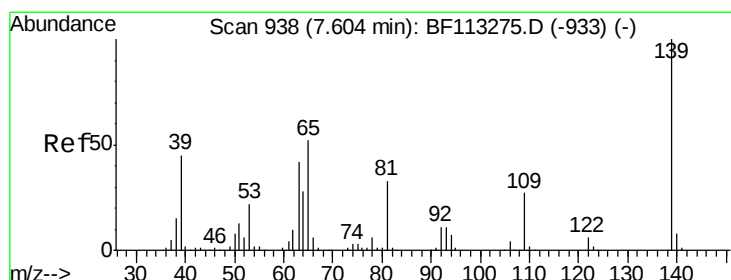
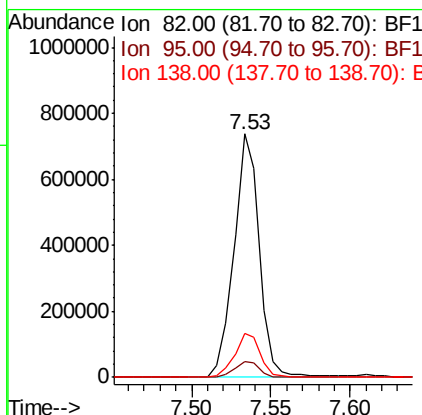
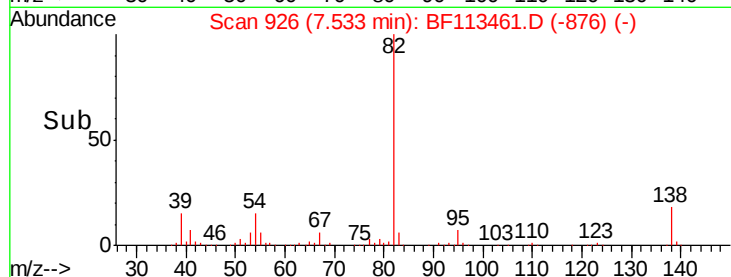
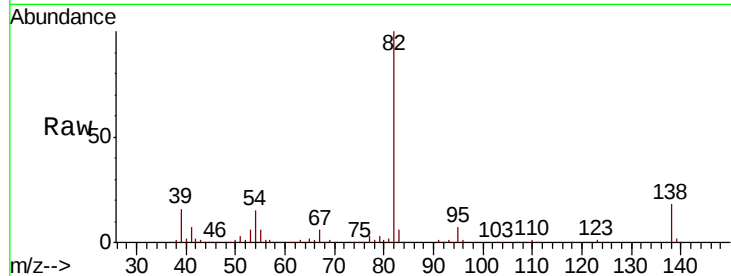
#25
Isophorone
Concen: 41.924 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	816282		
95	6.6	5.4	8.0	
138	17.9	14.7	22.1	

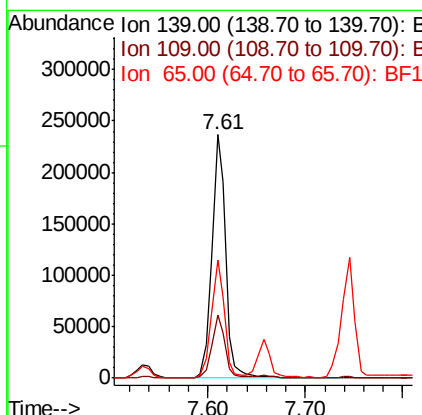
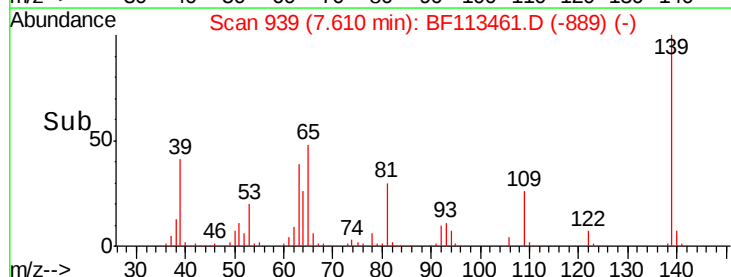
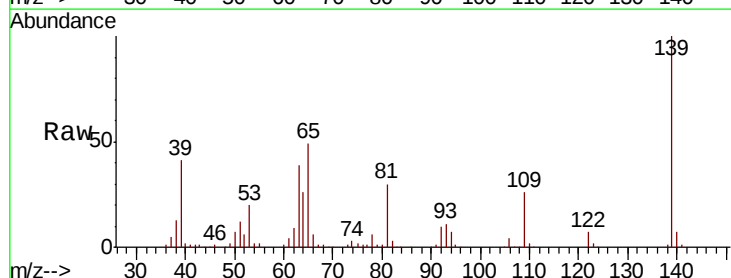
Manual Integrations
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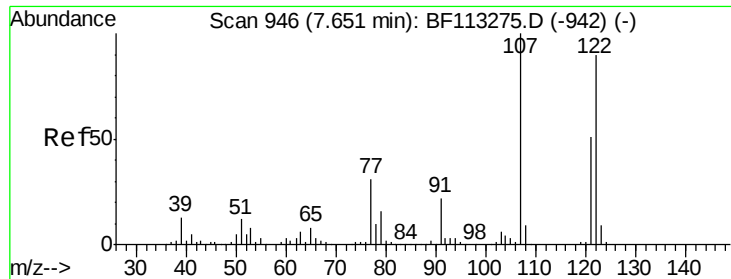
Sohil
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#26
2-Nitrophenol
Concen: 41.852 ng
RT: 7.61 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	231926		
109	25.8	20.2	30.2	
65	48.8	35.1	52.7	





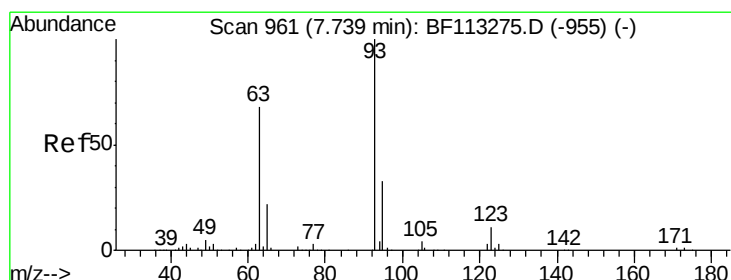
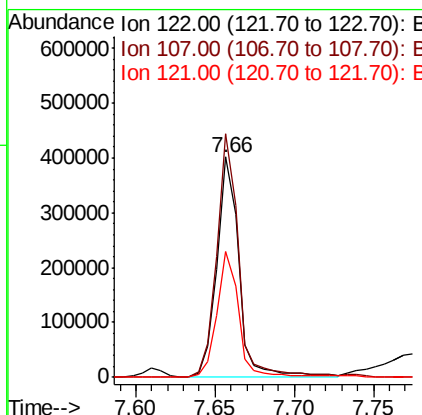
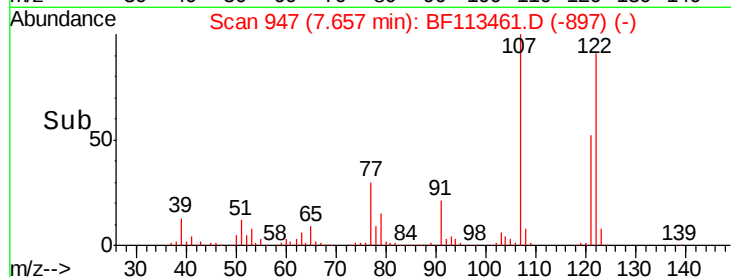
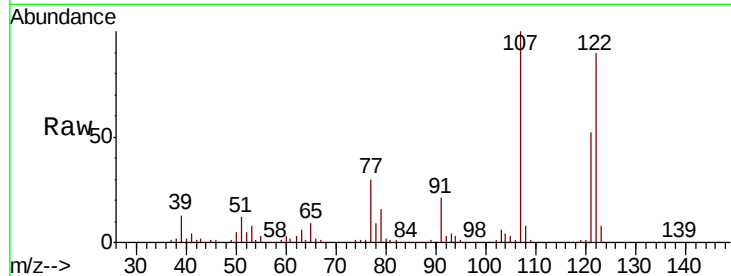
#27
2,4-Dimethylphenol
Concen: 48.887 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	389710		
107	110.5	86.3	129.5	
121	57.3	45.6	68.4	

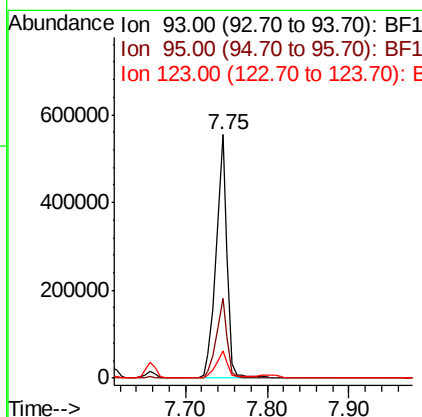
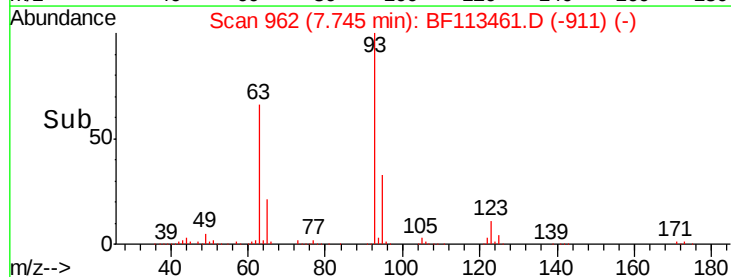
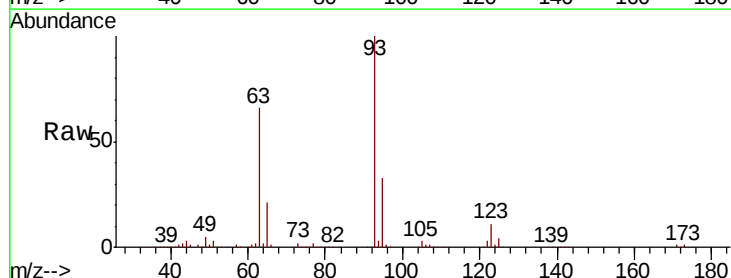
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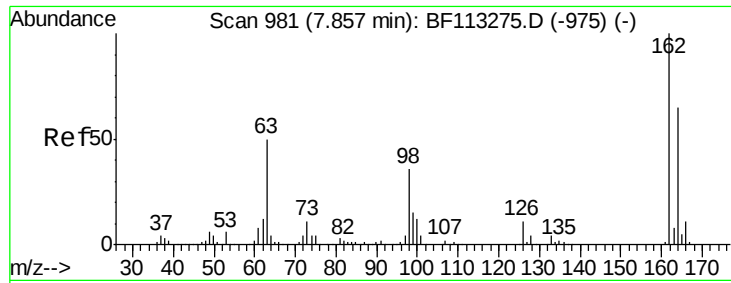
Sohil
4/2/2019 3:49:05 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.650 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	522942		
95	32.7	26.5	39.7	
123	11.5	9.2	13.8	





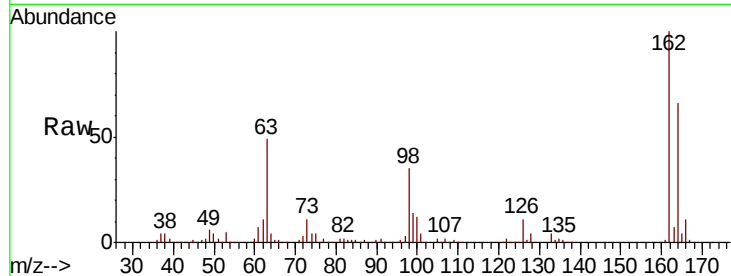
#29
2,4-Dichlorophenol
Concen: 43.884 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	379098		
164	66.2	43.9	83.9	
98	35.1	15.9	55.9	

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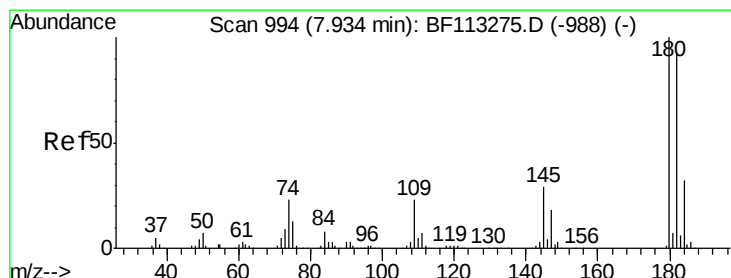
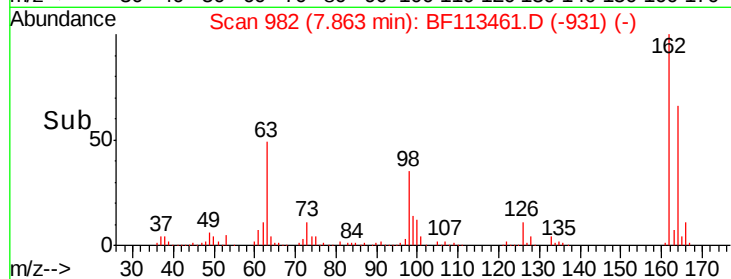
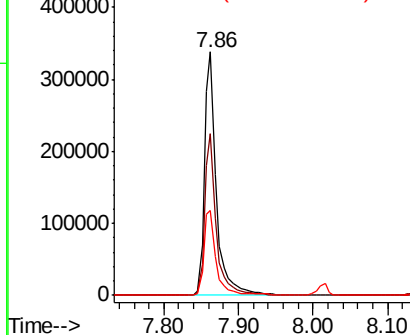


Abundance

Ion 162.00 (161.70 to 162.70): E

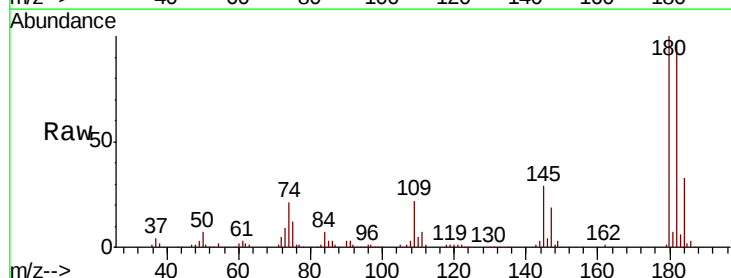
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.388 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	385742		
182	96.8	76.8	115.2	
145	28.8	23.8	35.8	

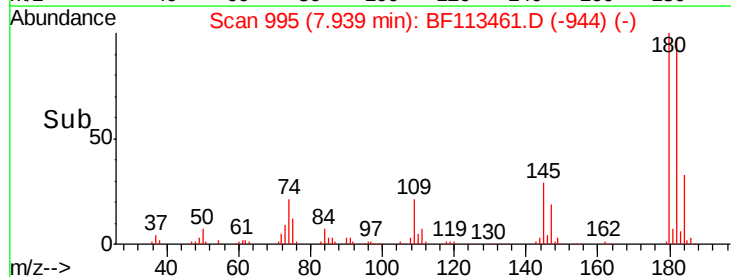
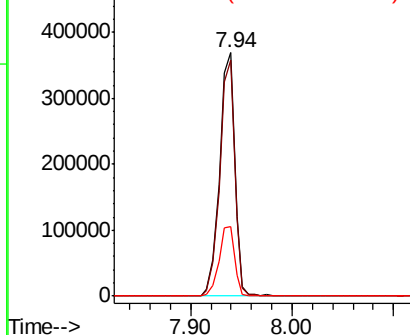


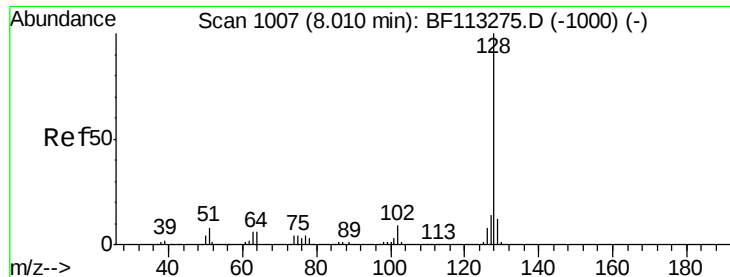
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





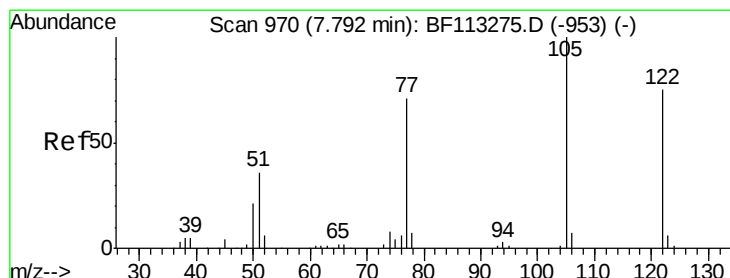
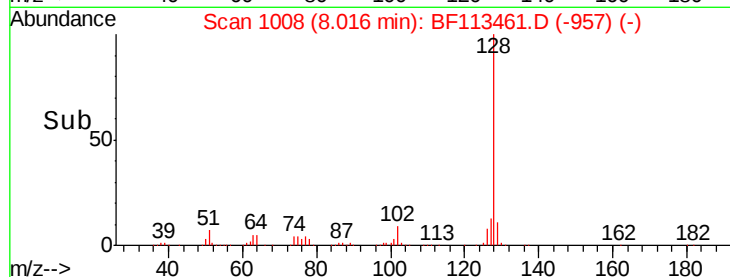
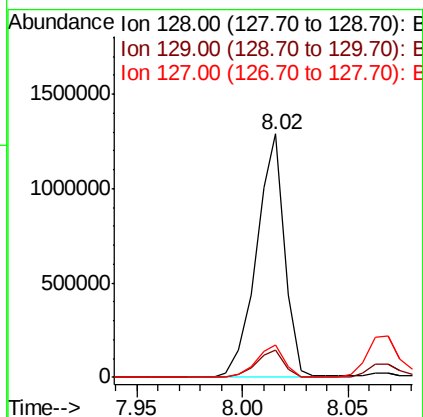
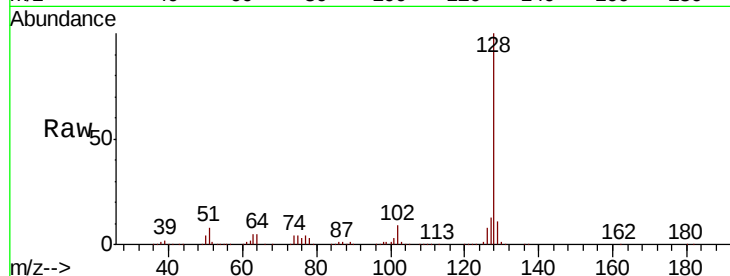
#31
Naphthalene
Concen: 41.183 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.0
127	13.4	10.7	16.1

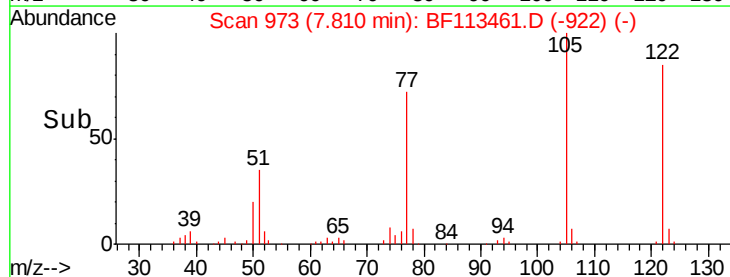
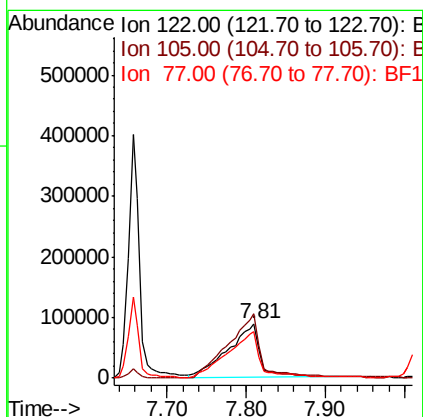
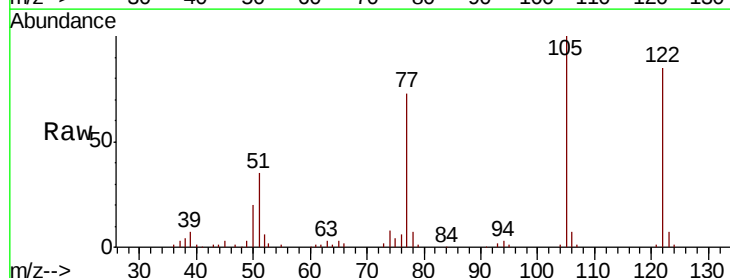
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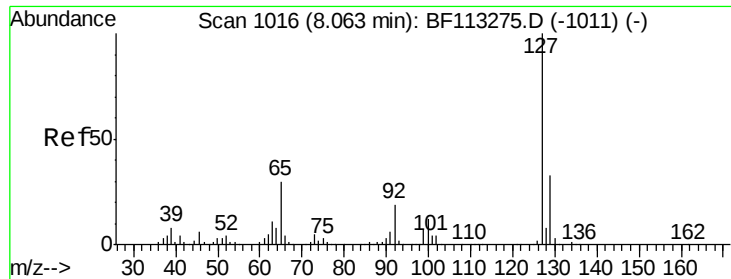
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#32
Benzoic acid
Concen: 38.384 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.6	98.4	138.4
77	85.9	68.0	108.0





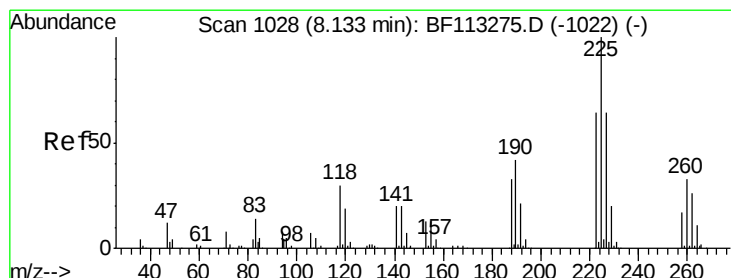
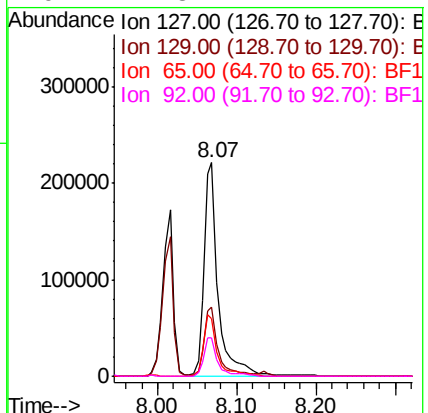
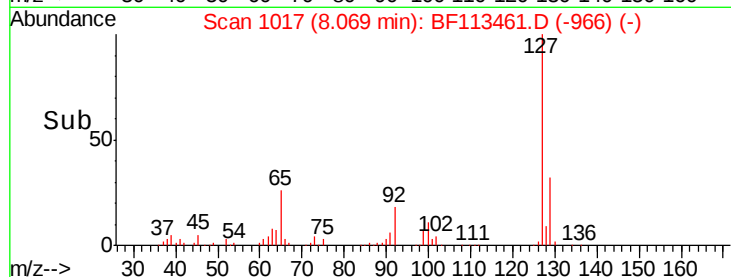
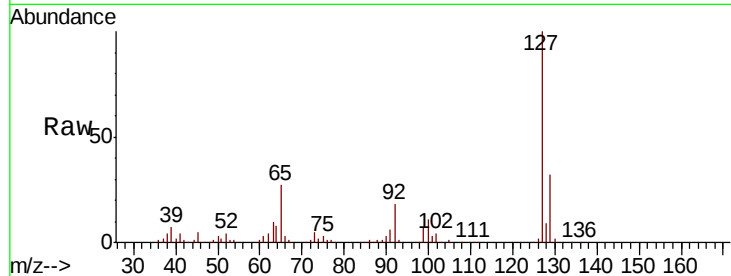
#33
4-Chloroaniline
Concen: 24.274 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	275834		
129	32.1	26.2	39.2	
65	26.9	23.7	35.5	
92	17.8	14.7	22.1	

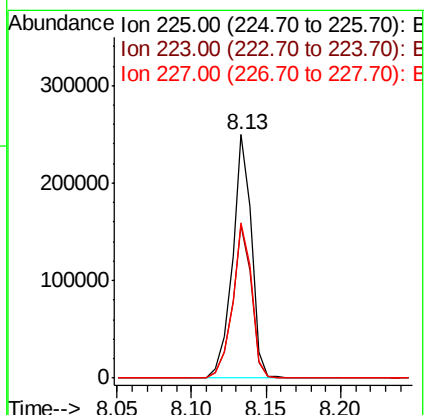
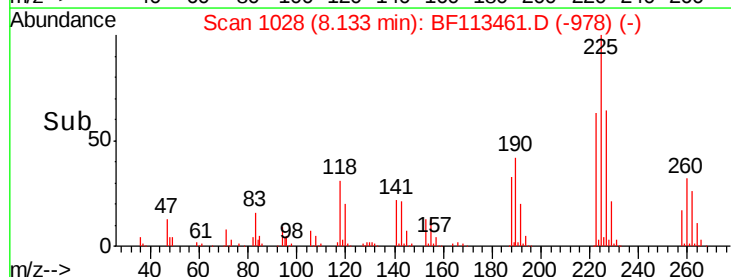
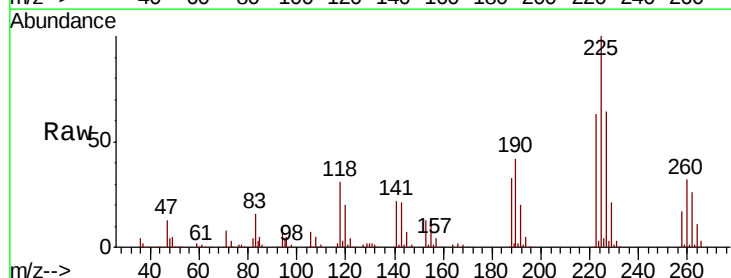
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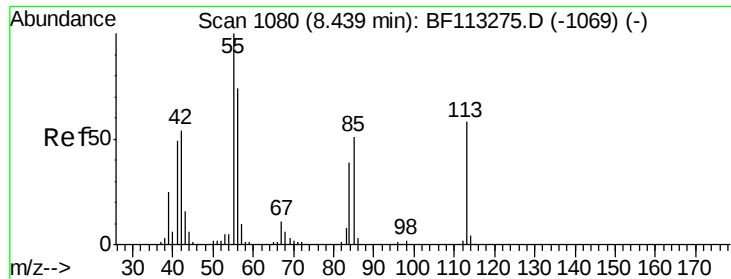
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#34
Hexachlorobutadiene
Concen: 40.571 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	224739		
223	62.8	50.9	76.3	
227	63.8	53.2	79.8	





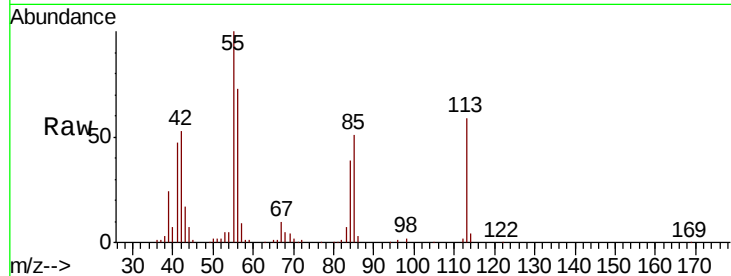
#35
 Caprolactam
 Concen: 47.504 ng m
 RT: 8.45 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Instrument :
 BNA_F
 ClientSampleID :
 PB118222BS

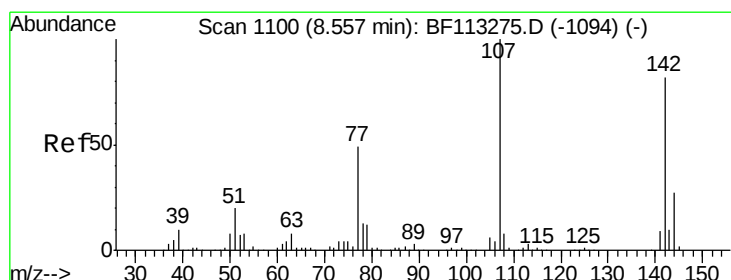
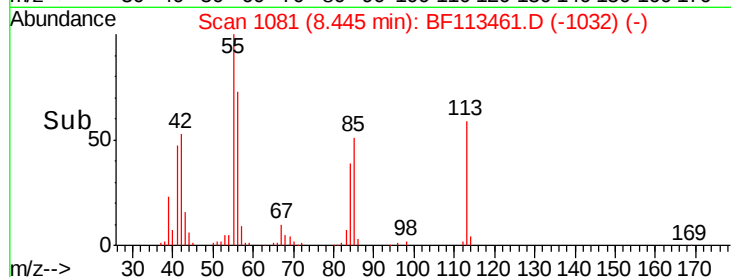
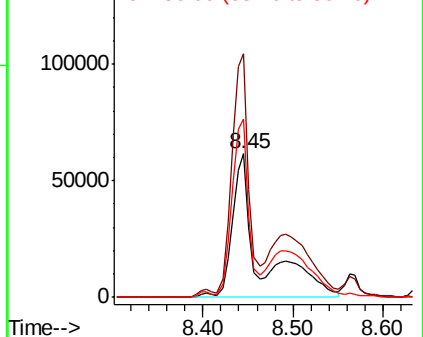
Tgt Ion:113 Resp: 131705
 Ion Ratio Lower Upper
 113 100
 55 169.9 151.8 191.8
 56 124.1 104.6 144.6

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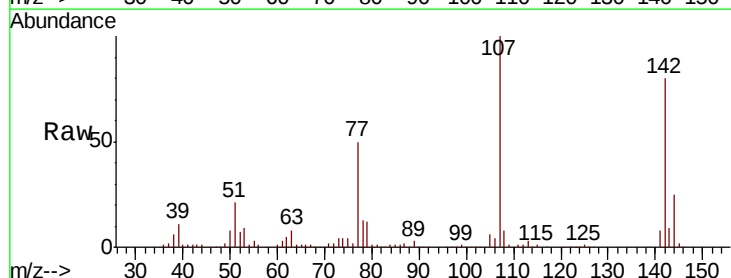


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

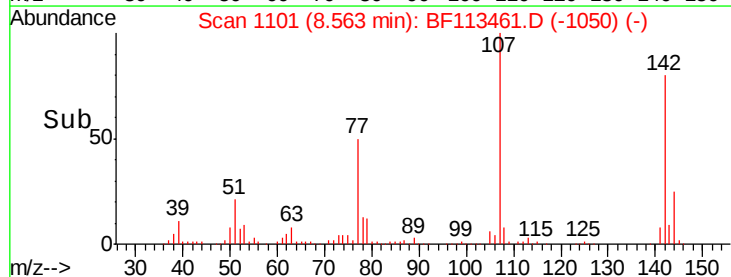
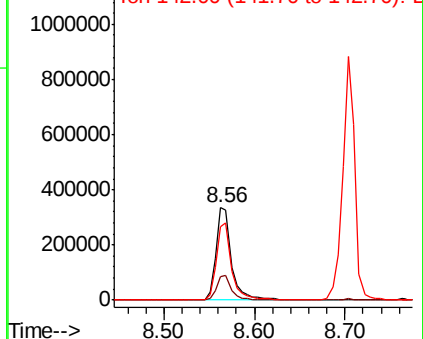


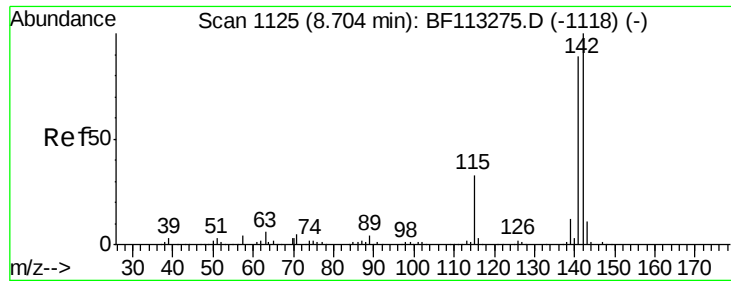
#36
 4-Chloro-3-methylphenol
 Concen: 45.577 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Tgt Ion:107 Resp: 396008
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.5 30.7
 142 79.7 63.9 95.9



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





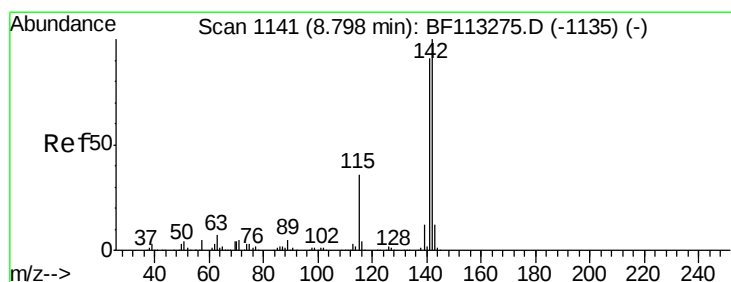
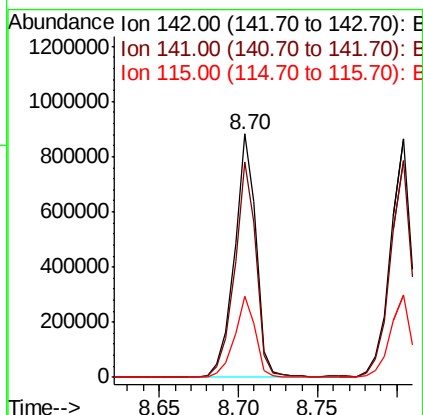
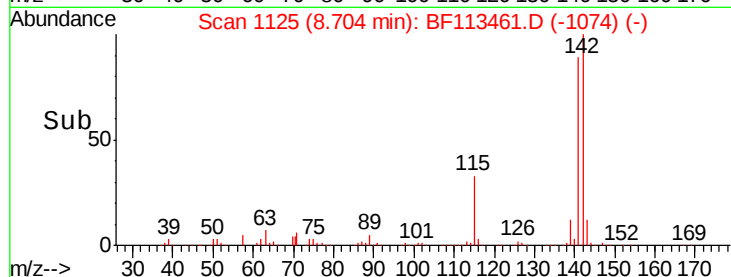
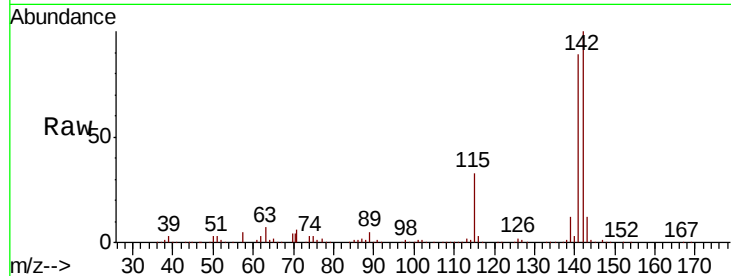
#37
2-Methylnaphthalene
Concen: 45.796 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	69.2	103.8
115	33.2	26.6	39.8

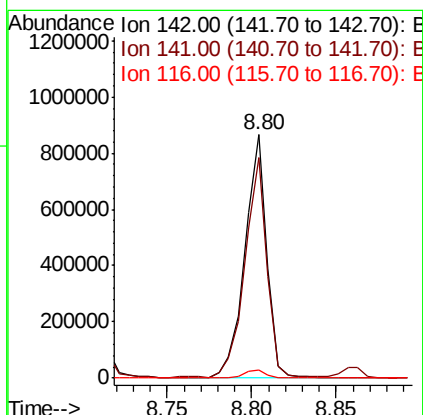
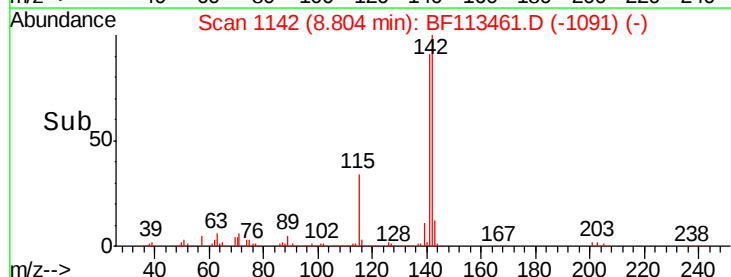
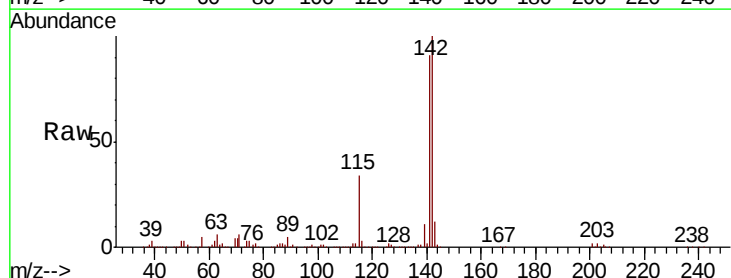
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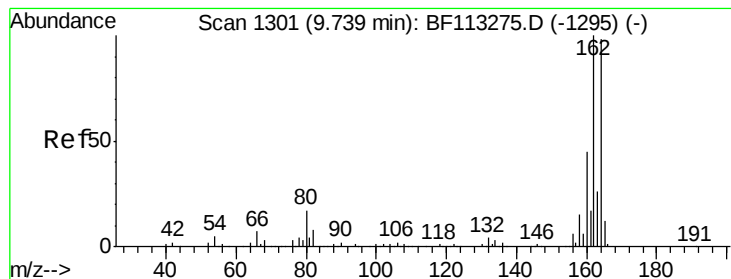
Sohil
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#38
1-Methylnaphthalene
Concen: 44.631 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.0	109.4
116	3.4	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Instrument :

BNA_F

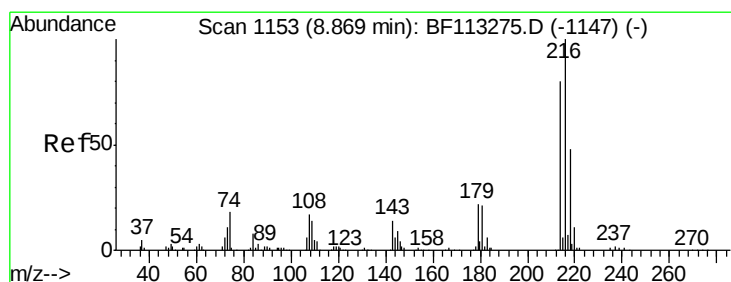
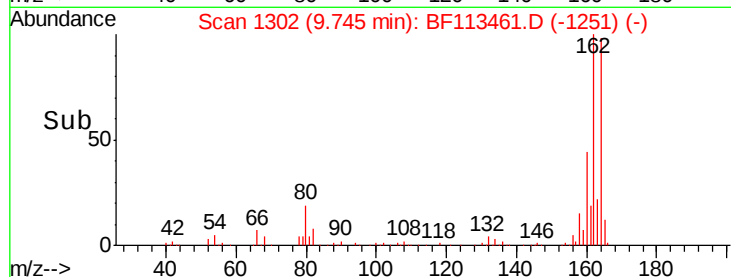
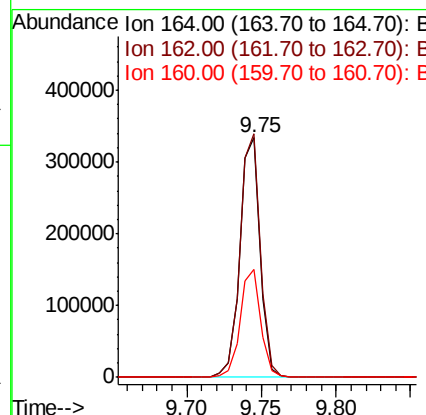
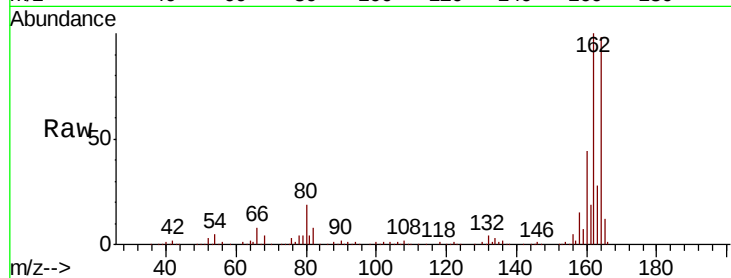
ClientSampleId :

PB118222BS

Tgt Ion:	164	Resp:	318634
Ion Ratio	Lower	Upper	
164	100		
162	101.6	79.7	119.5
160	44.8	35.9	53.9

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.304 ng

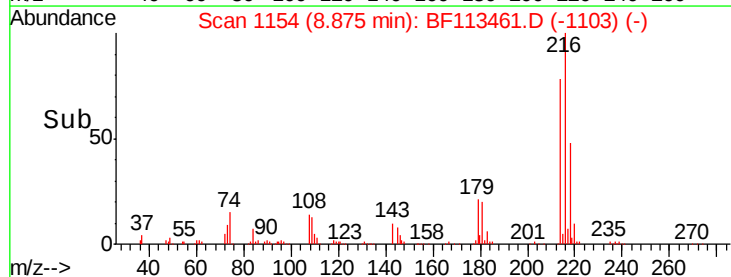
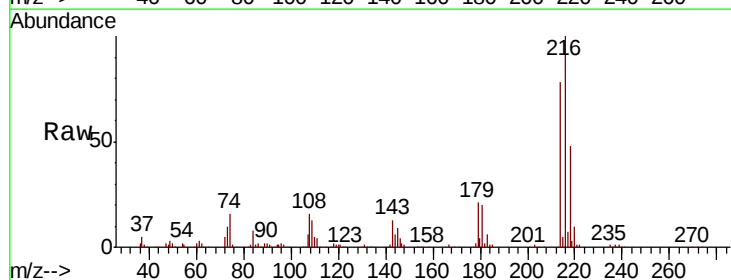
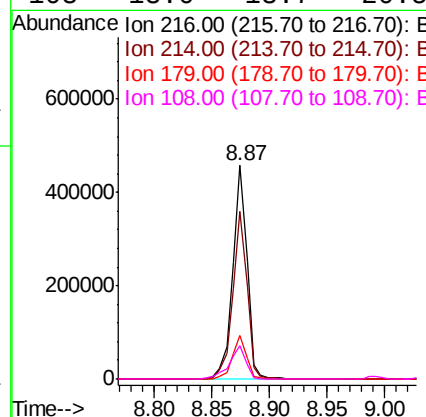
RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Tgt Ion:	216	Resp:	391772
Ion Ratio	Lower	Upper	
216	100		
214	78.3	63.3	94.9
179	20.2	16.5	24.7
108	18.0	13.7	20.5





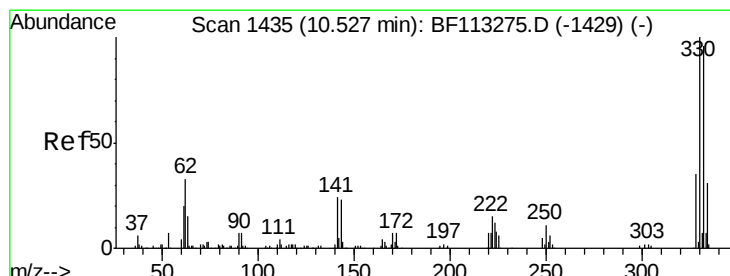
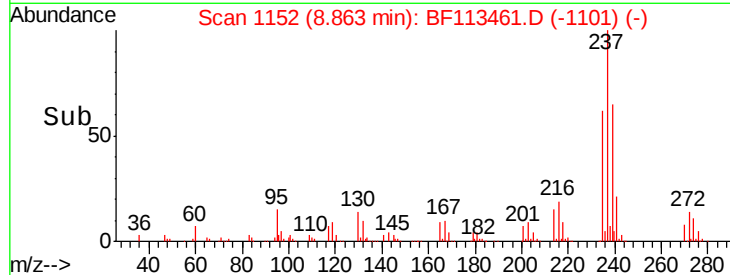
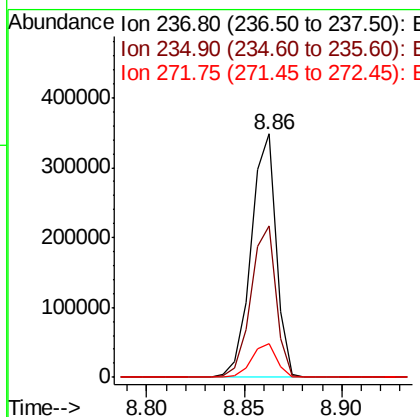
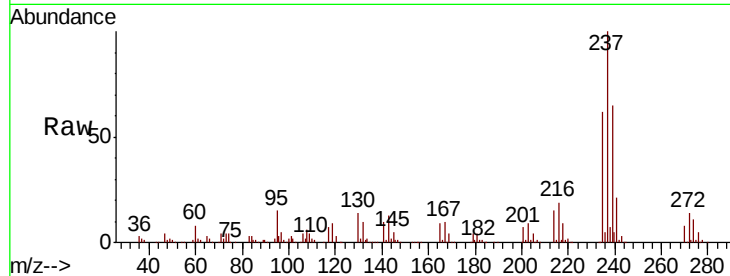
#41
Hexachlorocyclopentadiene
Concen: 71.602 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.4	43.7	83.7
272	14.0	0.0	34.2

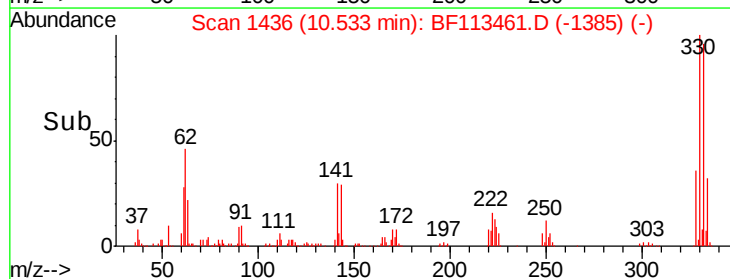
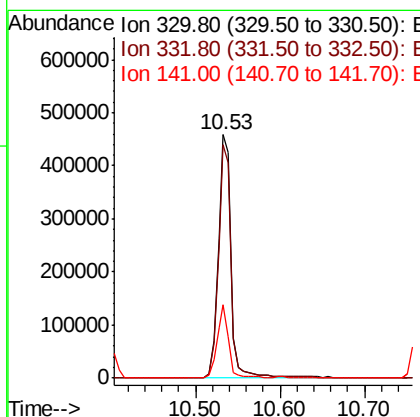
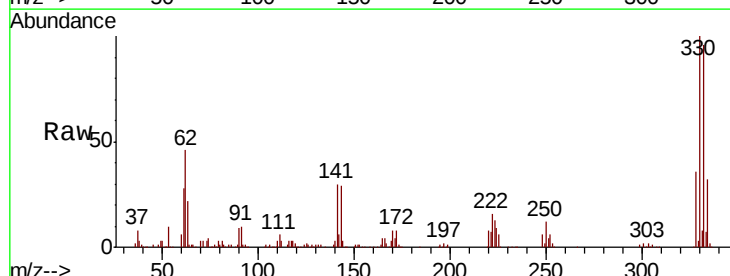
Manual Integrations
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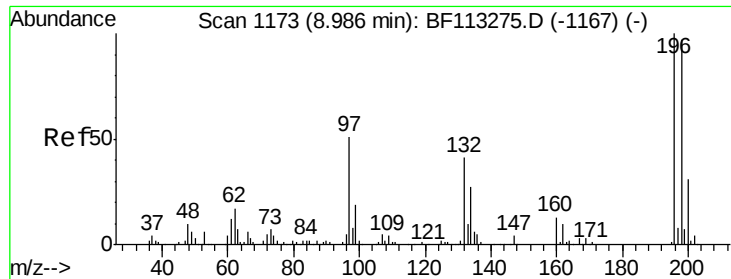
Sohil
4/2/2019 3:49:05 PM



#42
2,4,6-Tribromophenol
Concen: 126.666 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.7	77.7	116.5
141	27.0	21.4	32.2





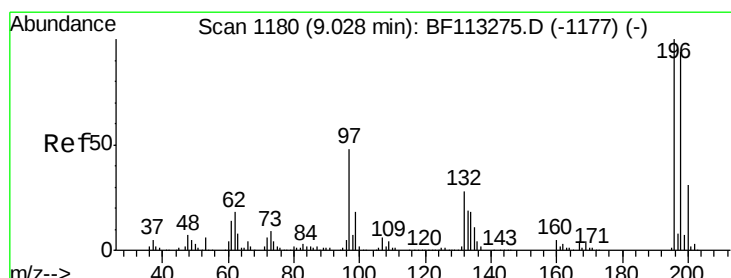
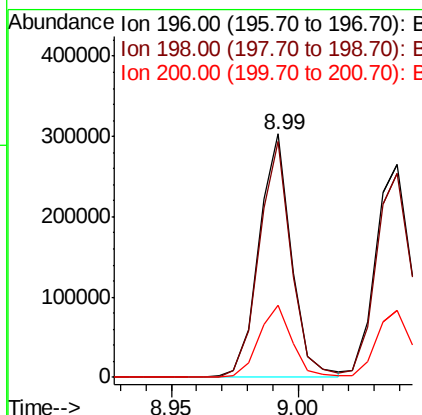
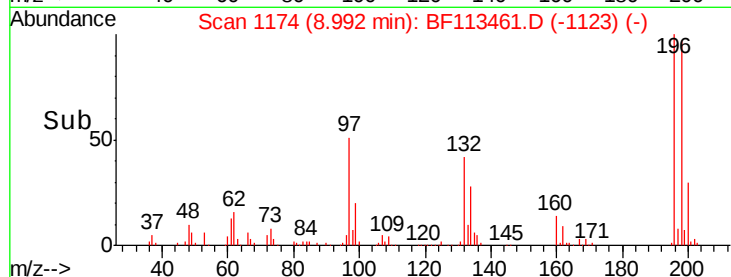
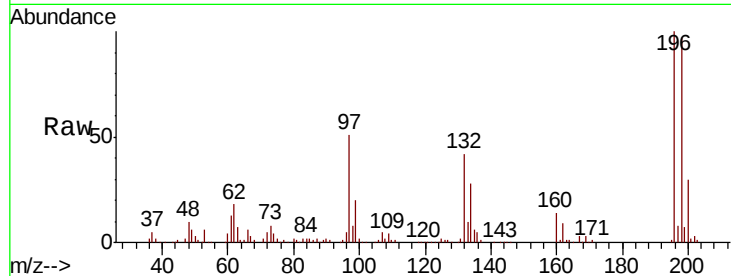
#43
 2,4,6-Trichlorophenol
 Concen: 40.793 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Instrument :
 BNA_F
 ClientSampled :
 PB118222BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	271701		
198	96.8	77.5	116.3	
200	29.8	24.7	37.1	

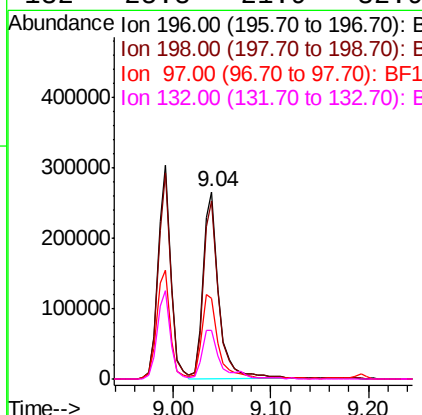
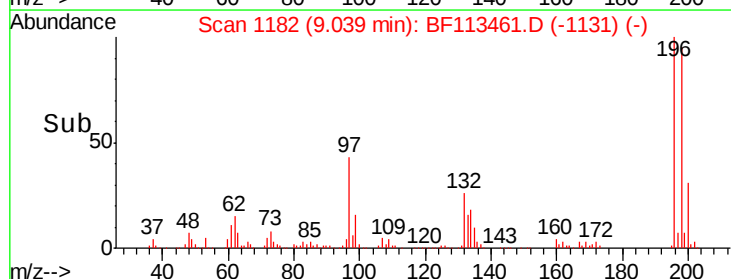
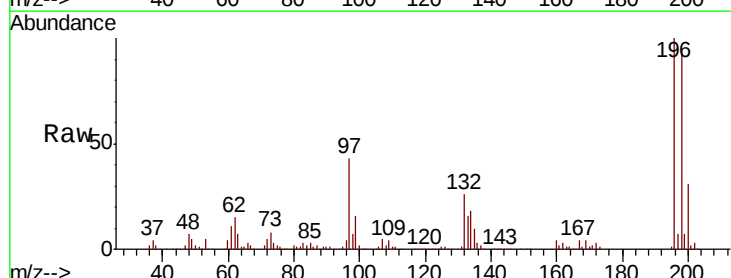
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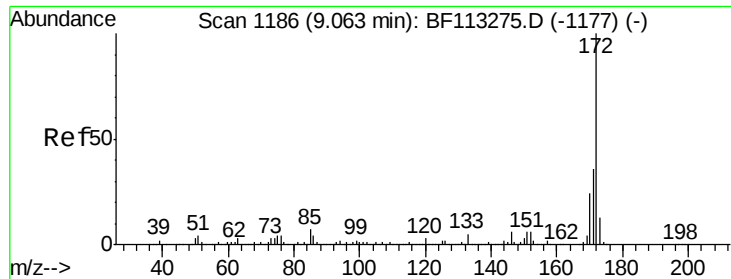
Sohil
 4/2/2019 3:49:05 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.377 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	297624		
198	95.3	76.3	114.5	
97	43.0	36.6	55.0	
132	25.8	21.9	32.9	





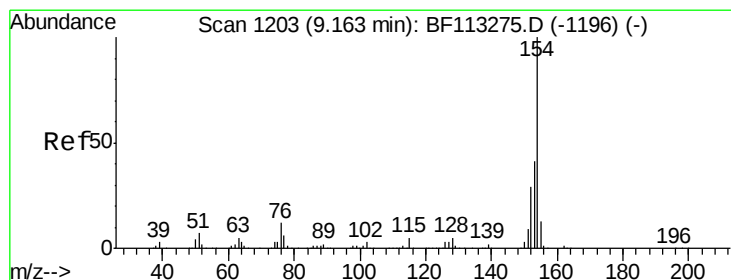
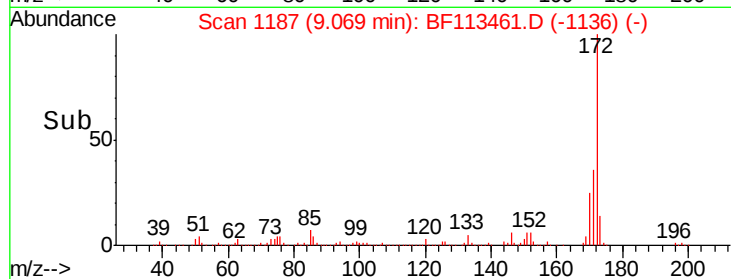
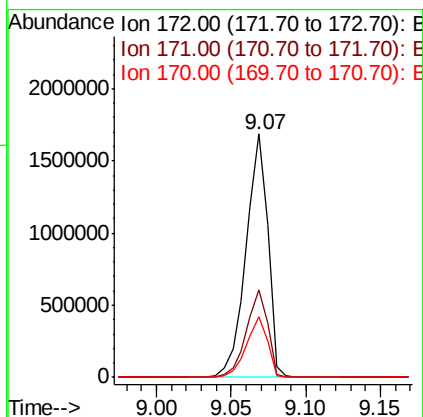
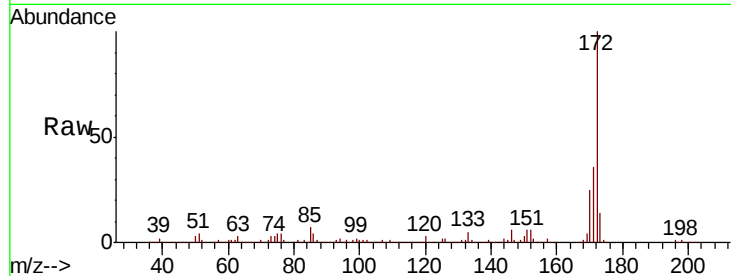
#45
2-Fluorobiphenyl
Concen: 83.432 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion:172 Resp: 1702737
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 24.7 19.8 29.6

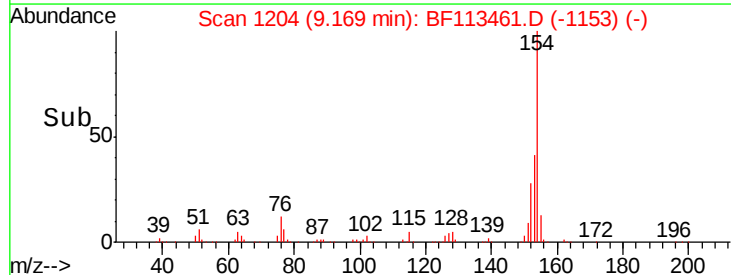
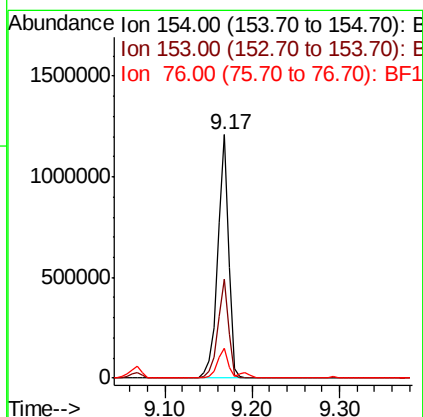
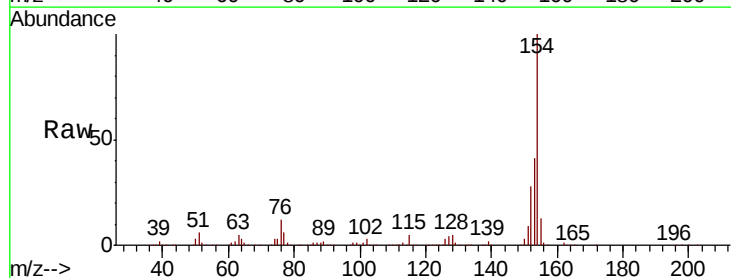
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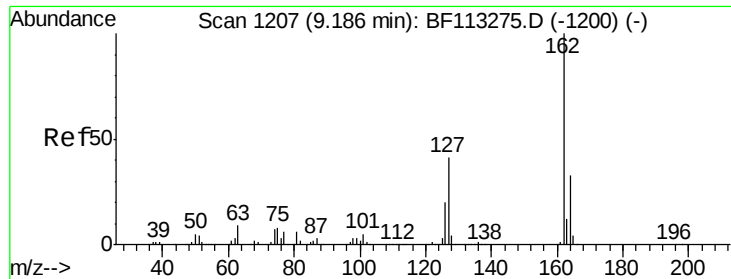
Sohil
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#46
1,1'-Biphenyl
Concen: 39.361 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion:154 Resp: 1047472
Ion Ratio Lower Upper
154 100
153 40.7 20.9 60.9
76 12.4 0.0 33.2





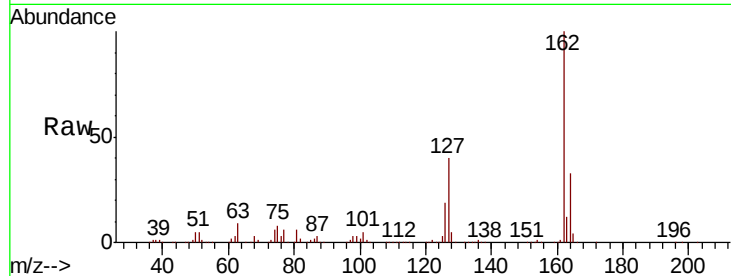
#47
 2-Chloronaphthalene
 Concen: 38.785 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB118222BS

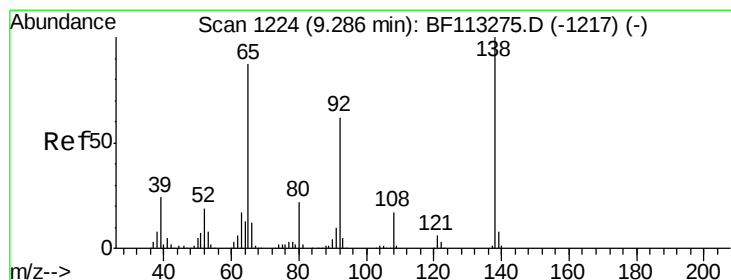
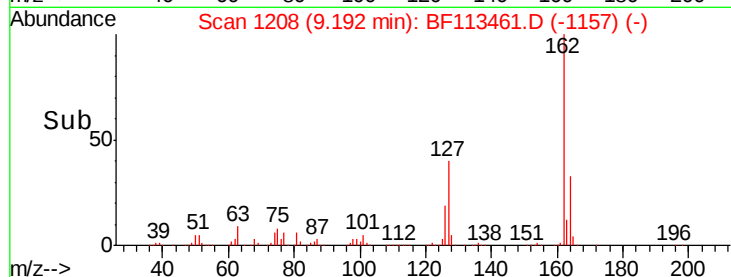
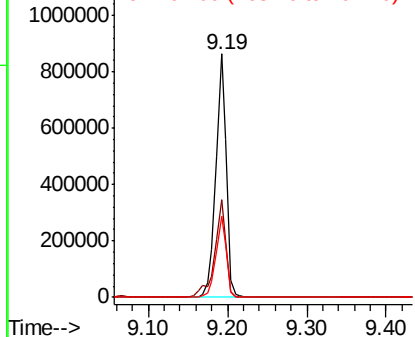
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	794707		
127	40.3	33.2	49.8	
164	33.1	26.8	40.2	

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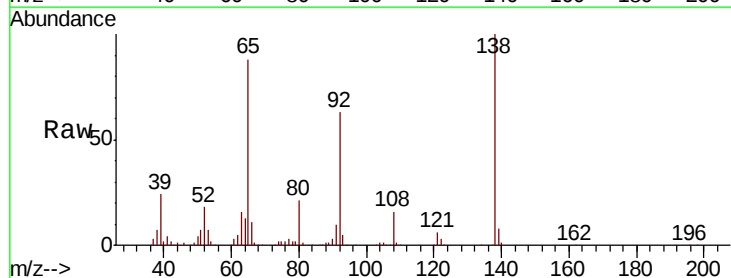


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

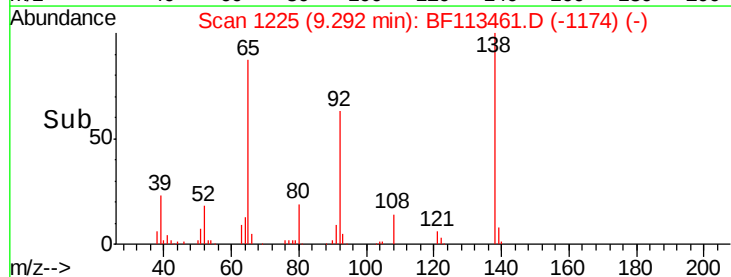
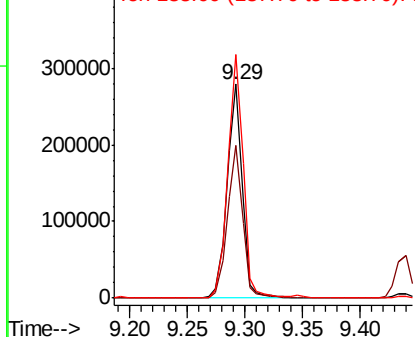


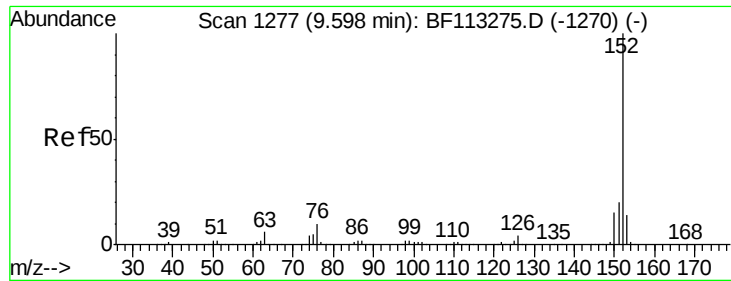
#48
 2-Nitroaniline
 Concen: 39.875 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	256404		
92	71.5	55.3	82.9	
138	114.0	89.5	134.3	



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.642 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Instrument :

BNA_F

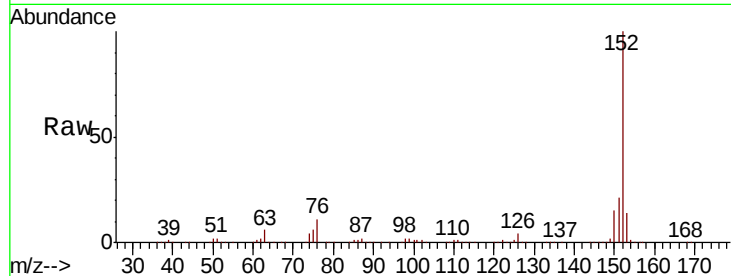
ClientSampleId :

PB118222BS

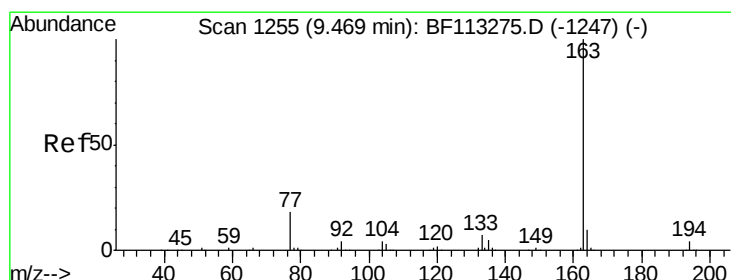
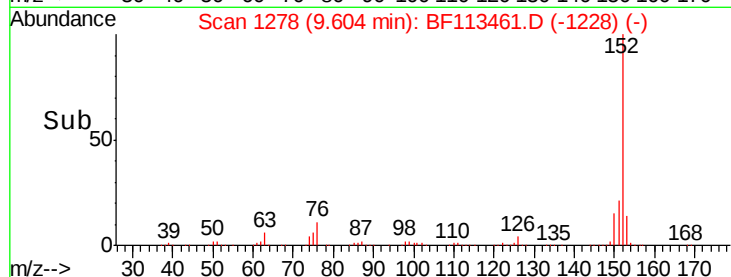
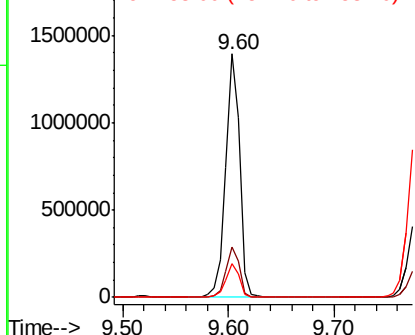
Tgt Ion:	152	Resp:	1280221
Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.5	24.7
153	14.0	10.8	16.2

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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: 42.314 ng

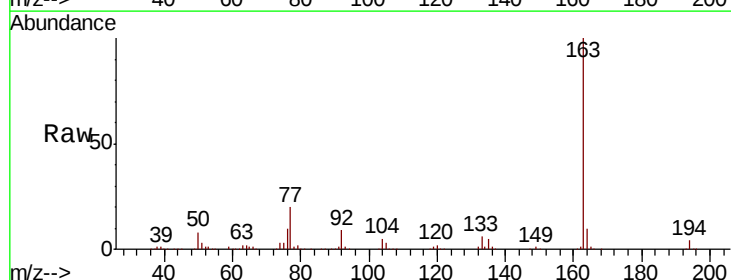
RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

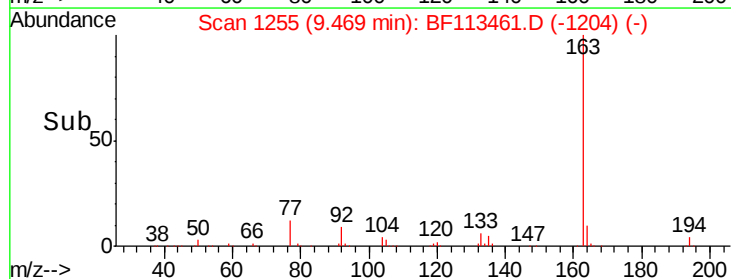
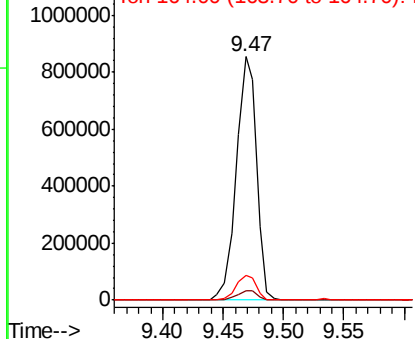
Lab File: BF113461.D

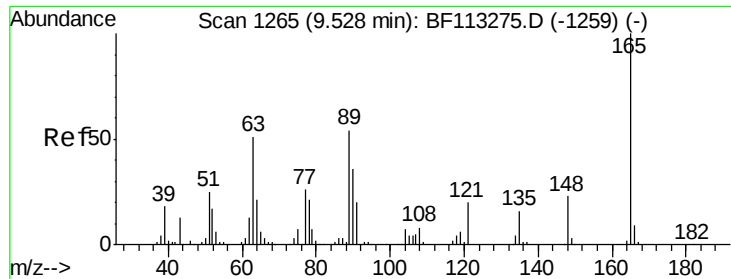
Acq: 1 Apr 2019 12:36

Tgt Ion:	163	Resp:	999177
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.4	8.3	12.5



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





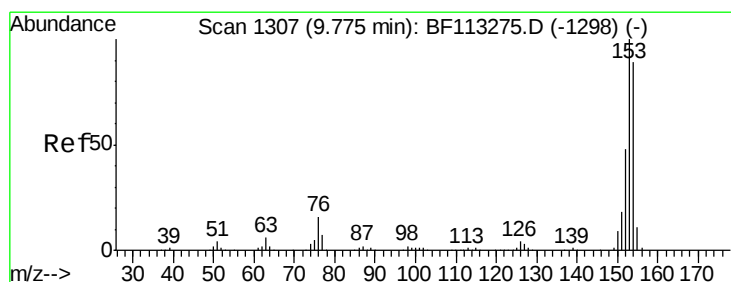
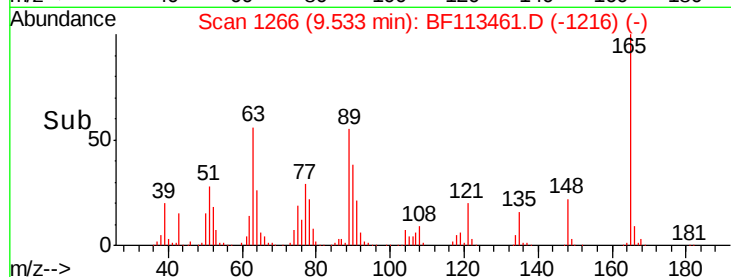
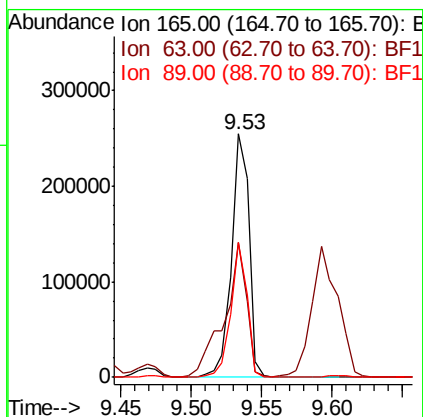
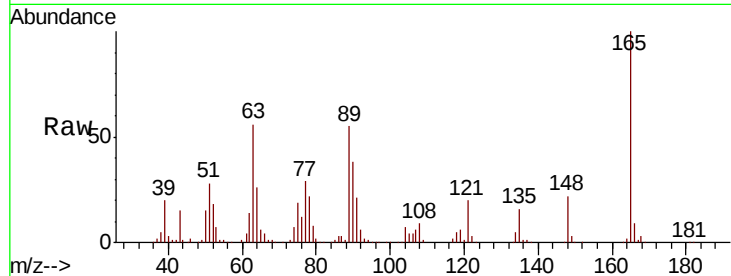
#51
 2,6-Dinitrotoluene
 Concen: 41.378 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB118222BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	220427		
63	55.6	38.3	57.5	
89	55.3	38.6	58.0	

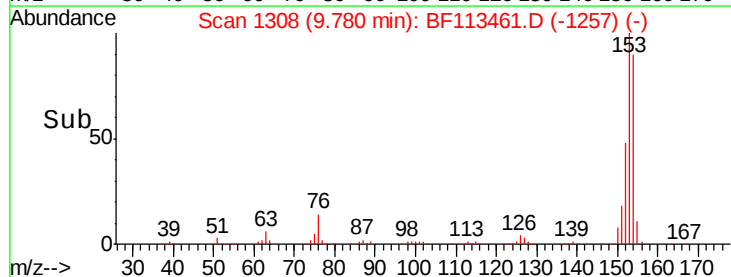
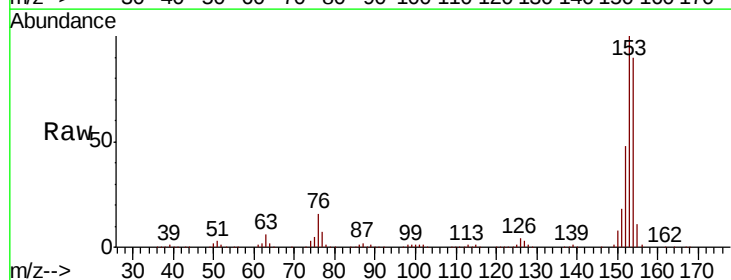
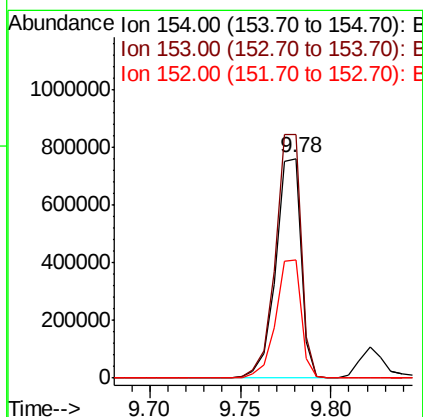
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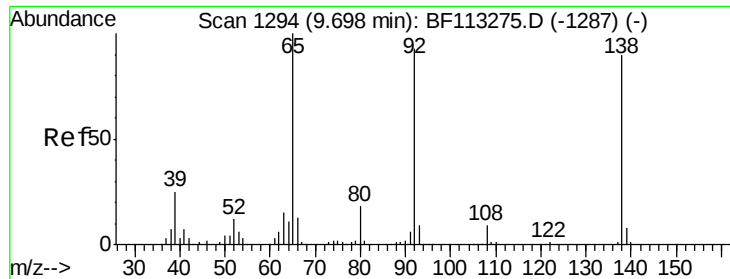
Sohil
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#52
 Acenaphthene
 Concen: 39.733 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. 0.00 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	741311		
153	110.8	89.1	133.7	
152	53.6	43.0	64.4	





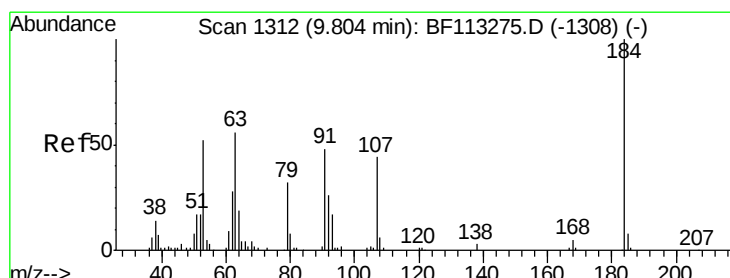
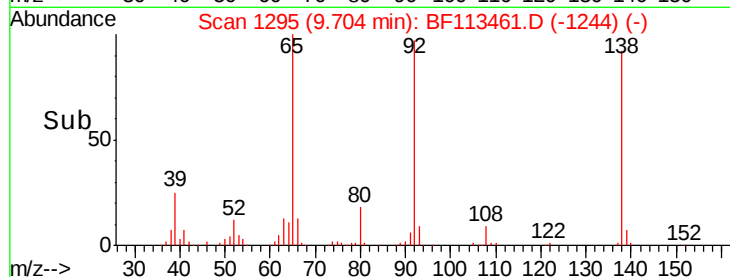
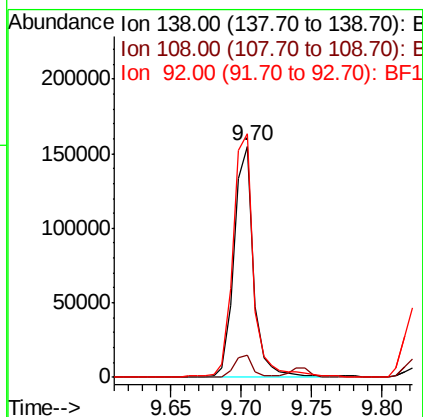
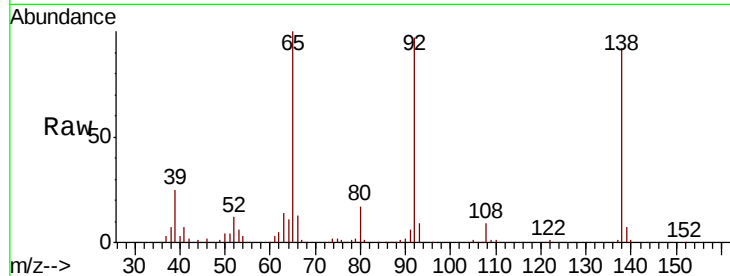
#53
3-Nitroaniline
Concen: 25.046 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.6	11.4
92	105.3	90.3	135.5

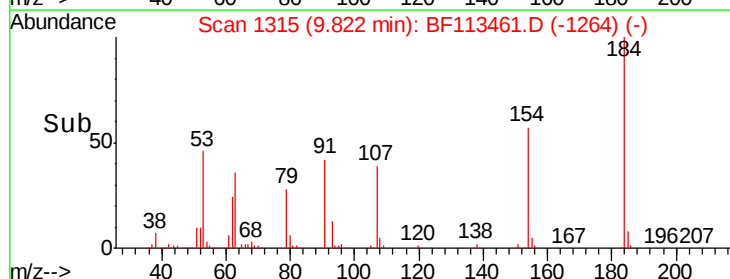
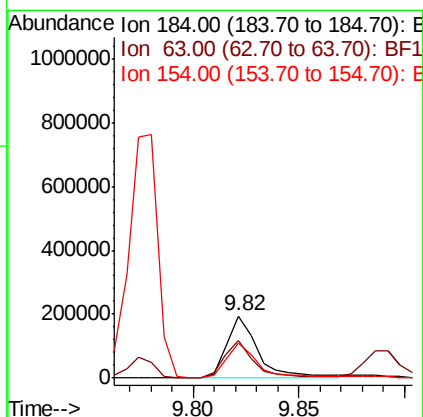
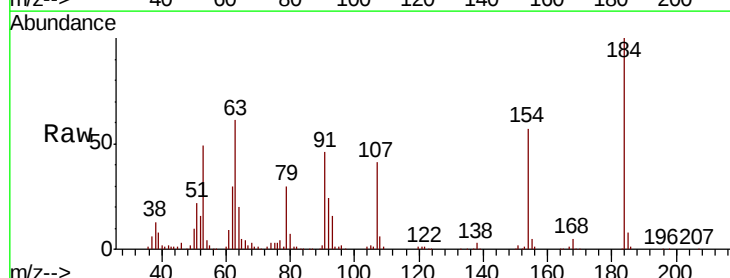
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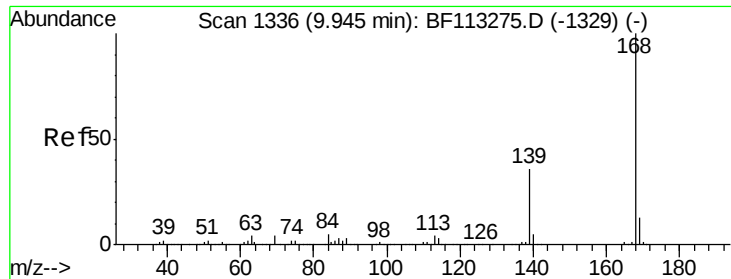
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#54
2,4-Dinitrophenol
Concen: 75.431 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.0	47.1	70.7
154	56.7	44.3	66.5





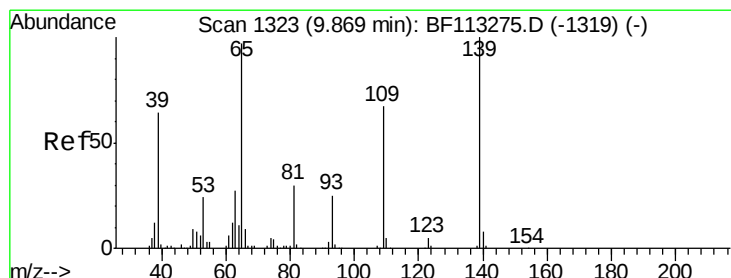
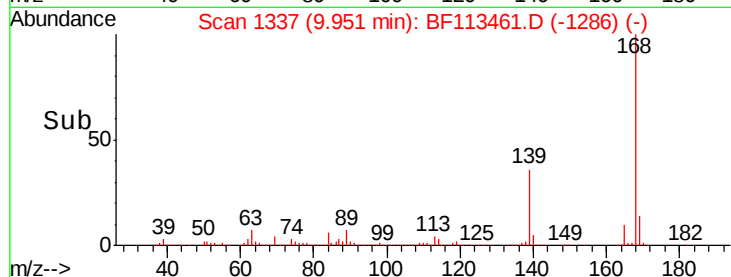
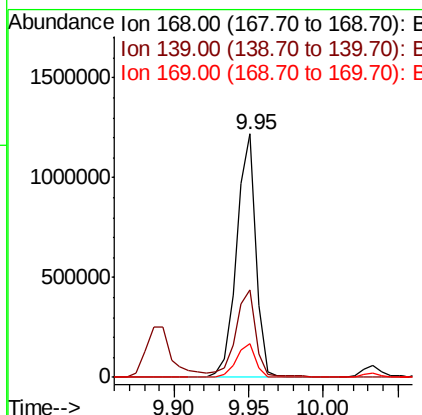
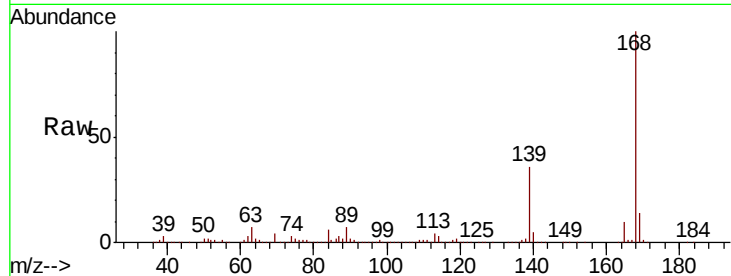
#55
Dibenzenofuran
Concen: 39.426 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.1	29.1	43.7
169	13.8	10.8	16.2

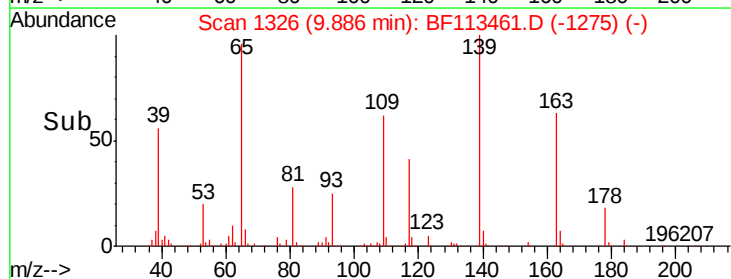
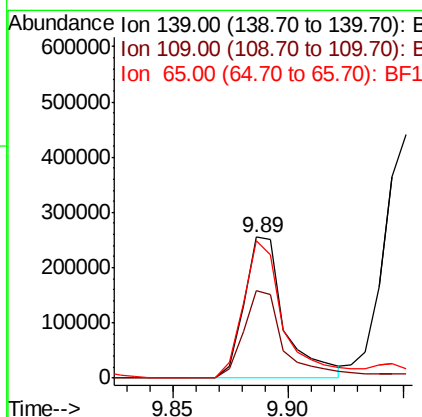
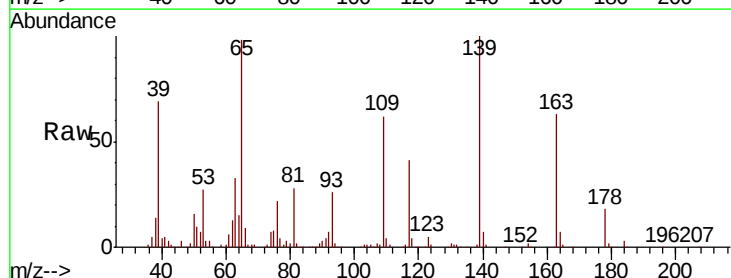
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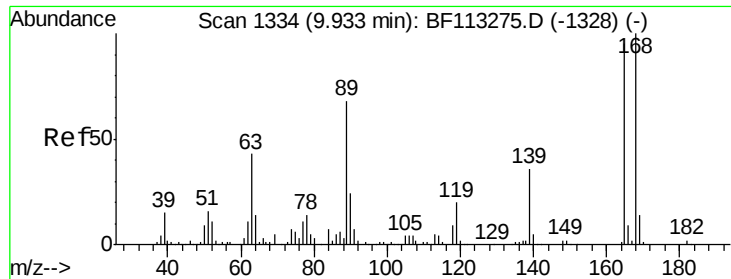
Sohil
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#56
4-Nitrophenol
Concen: 72.964 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.9	39.0	79.0
65	97.6	65.7	105.7





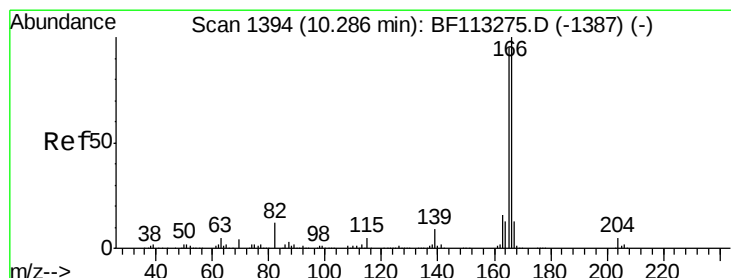
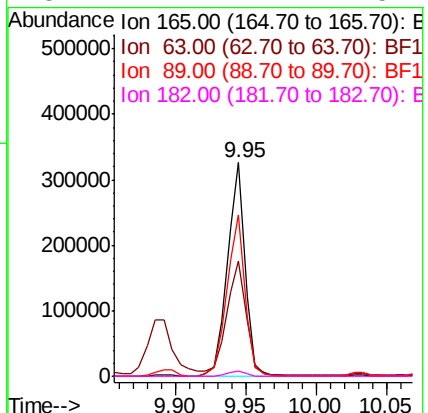
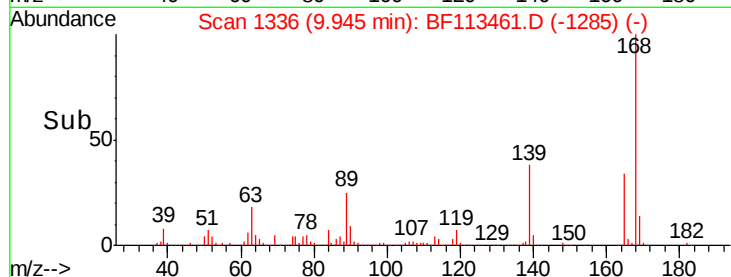
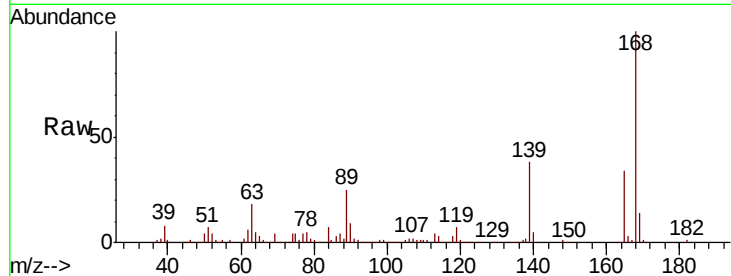
#57
2,4-Dinitrotoluene
Concen: 41.800 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	283171		
63	54.2	45.6	68.4	
89	75.3	61.8	92.8	
182	2.4	2.1	3.1	

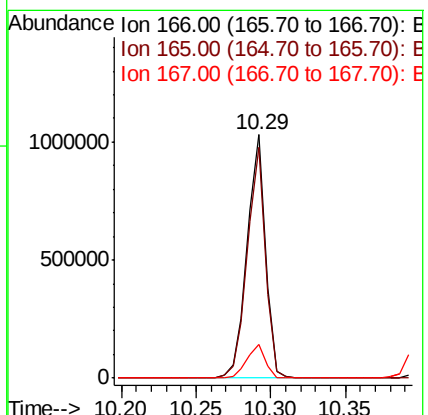
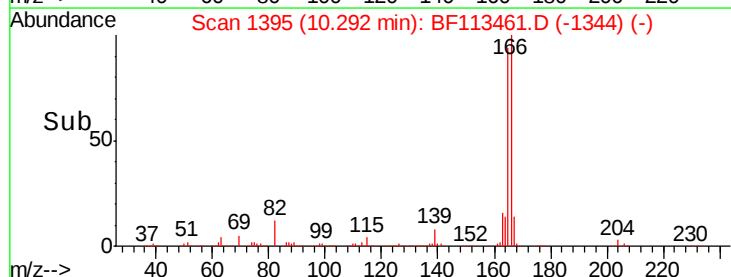
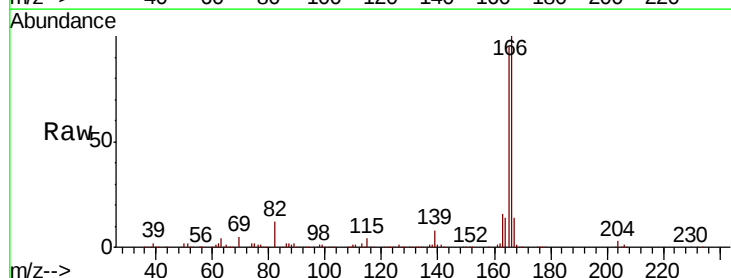
Manual Integrations
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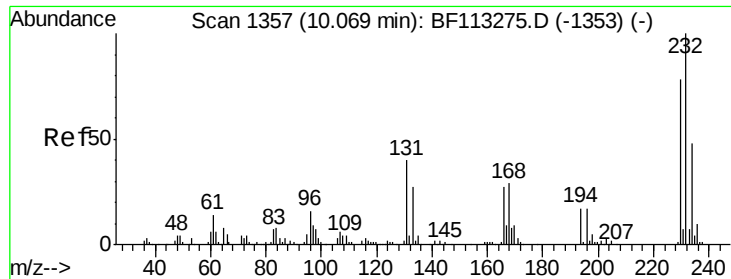
Sohil
4/2/2019 3:49:05 PM



#58
Fluorene
Concen: 40.372 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	879683		
165	94.6	75.8	113.6	
167	13.6	11.2	16.8	





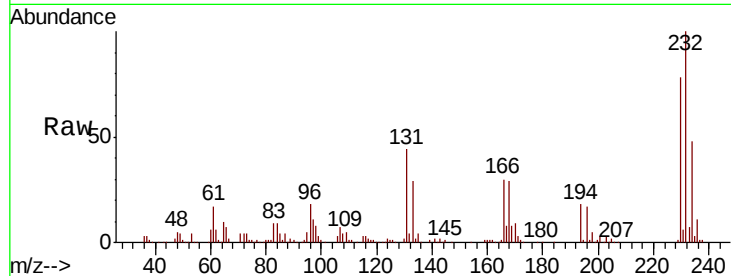
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.367 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	289018		
131	40.4	32.2	48.2	
130	1.8	1.5	2.3	
166	26.3	21.0	31.6	

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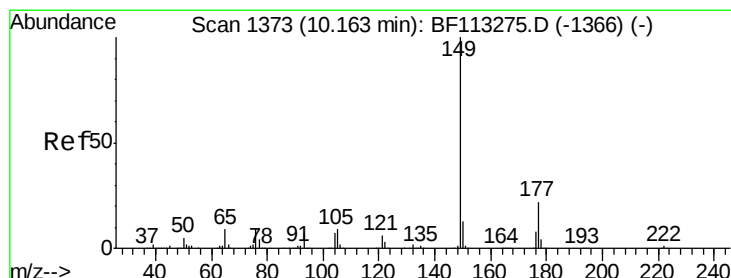
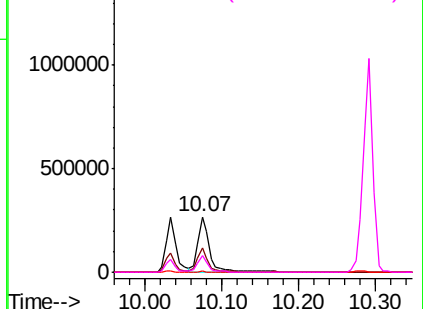
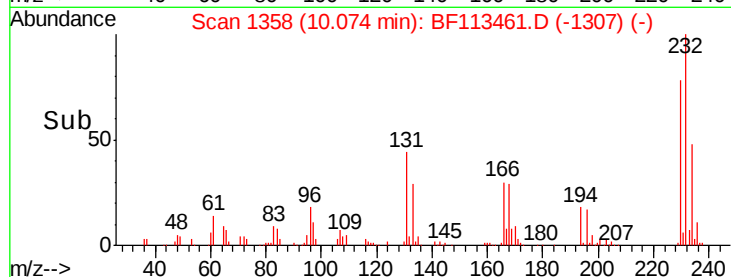
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

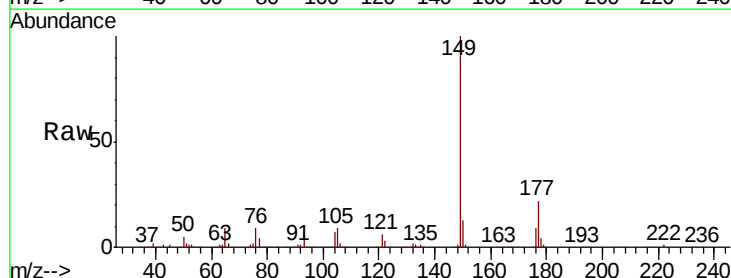
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 44.422 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1029022		
177	22.3	17.8	26.8	
150	13.0	10.3	15.5	

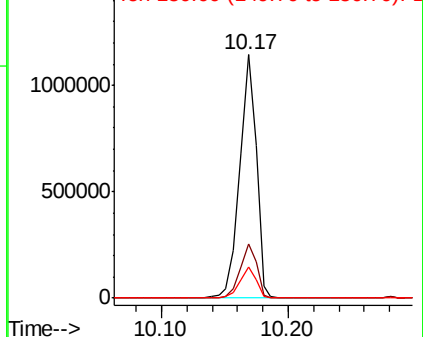
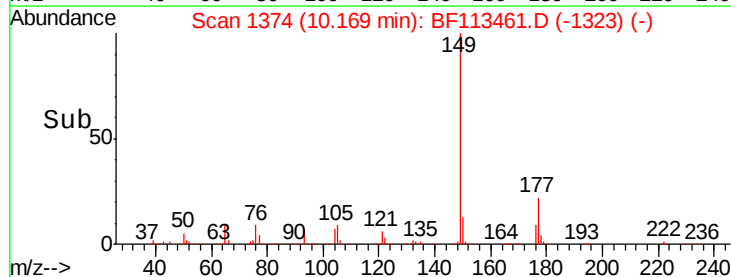


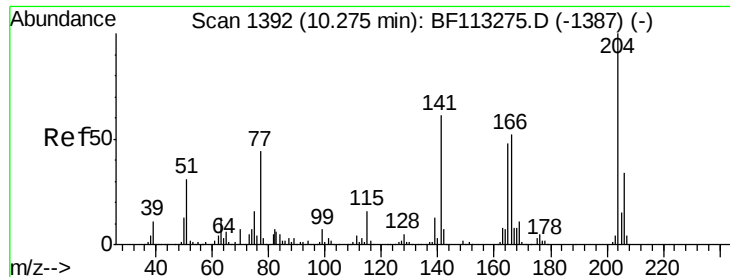
Abundance

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





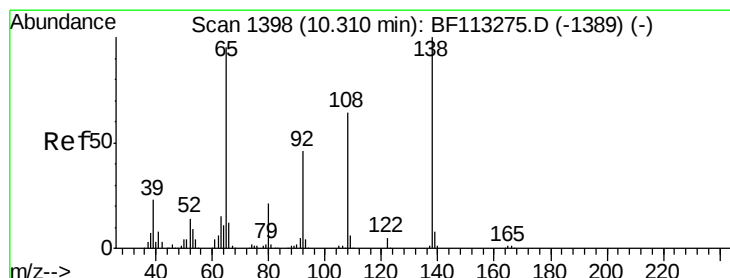
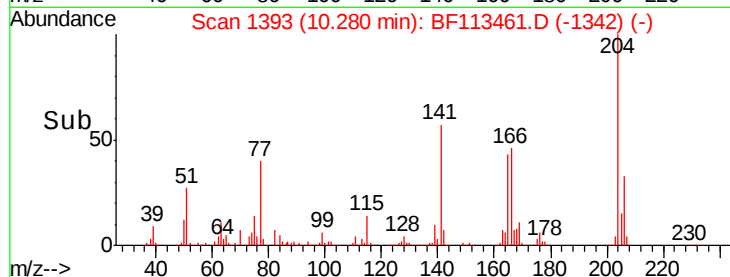
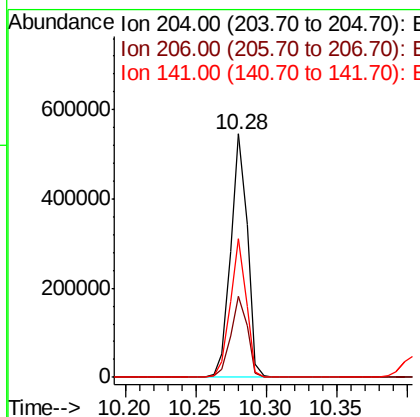
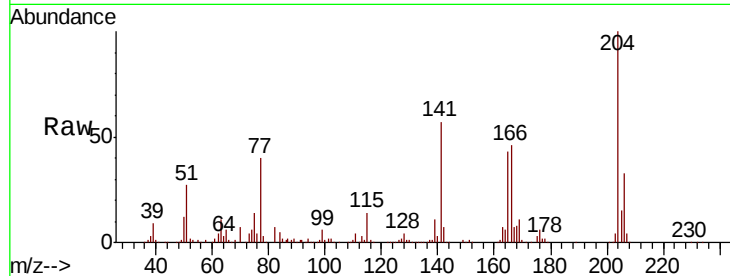
#61
4-Chlorophenyl-phenylether
Concen: 42.240 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.6	39.8
141	56.8	46.3	69.5

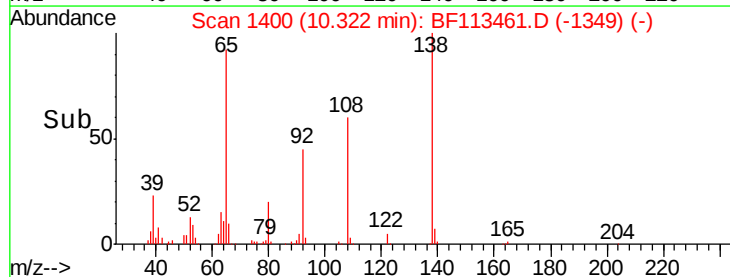
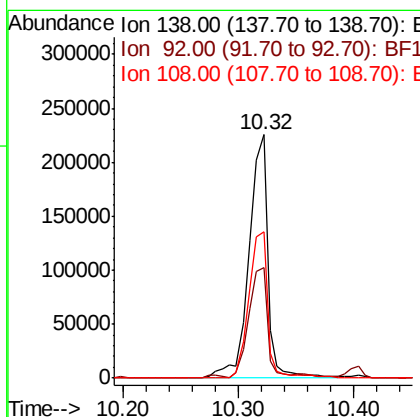
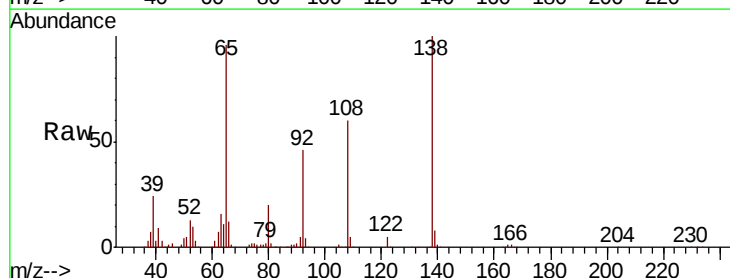
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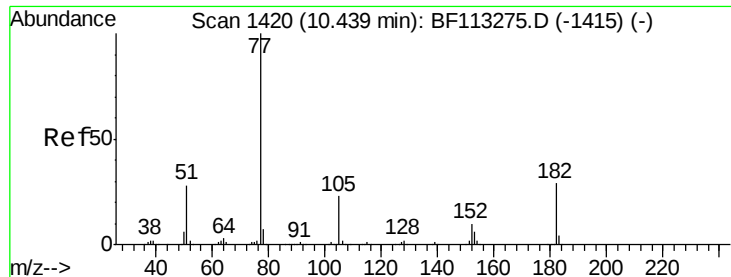
Sohil
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#62
4-Nitroaniline
Concen: 41.692 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.5	26.4	66.4
108	60.3	41.3	81.3





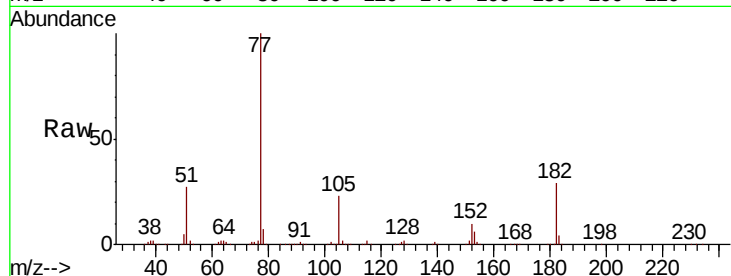
#63
Azobenzene
Concen: 41.827 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB118222BS

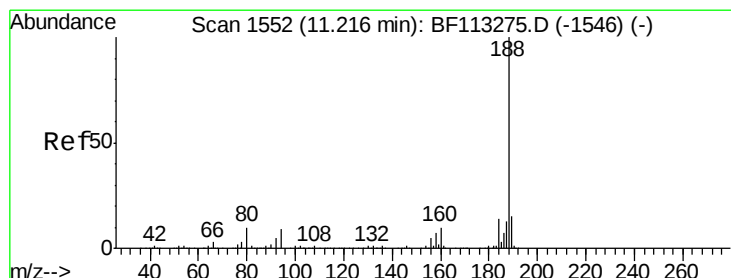
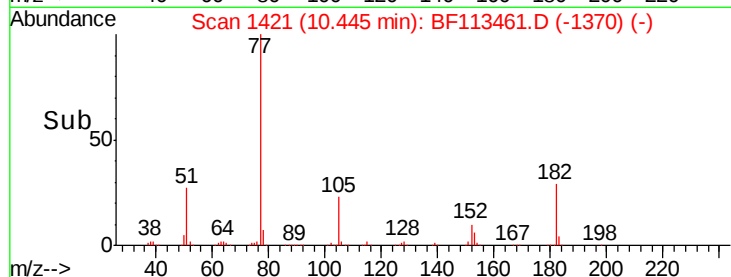
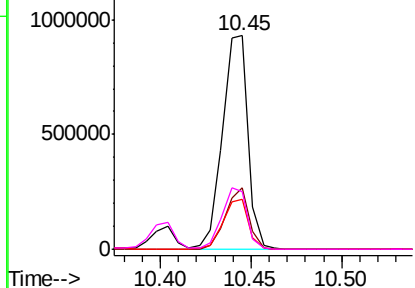
Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.0	8.7	48.7
105	23.5	3.3	43.3
51	27.0	8.2	48.2

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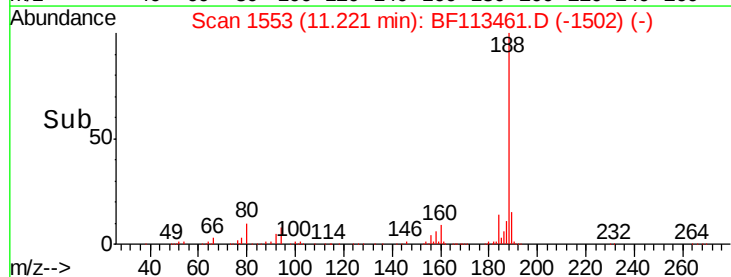
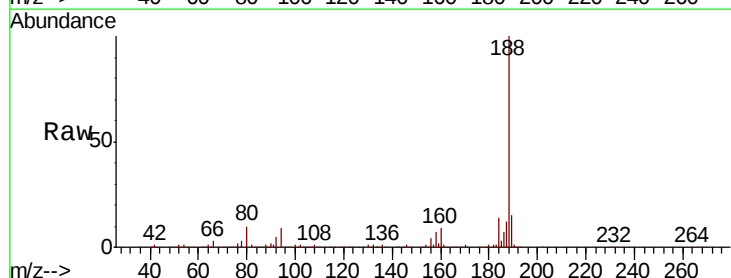
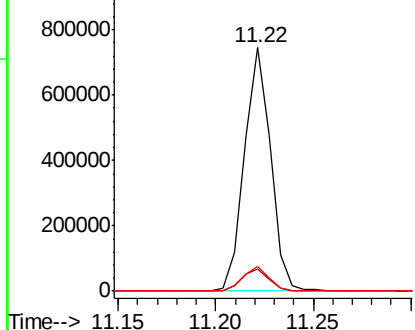
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

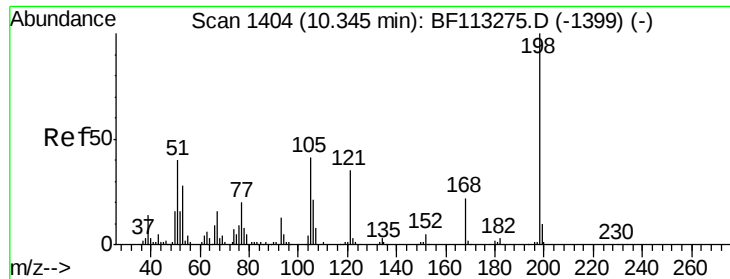


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.8	11.6
80	10.0	8.2	12.2

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





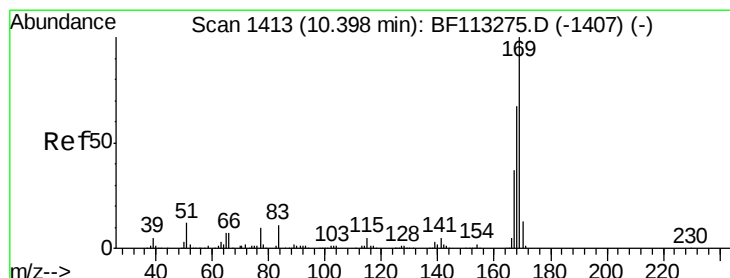
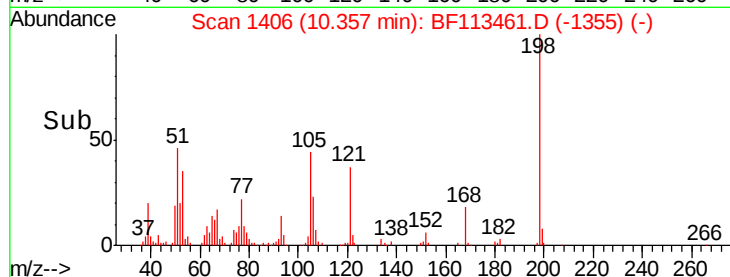
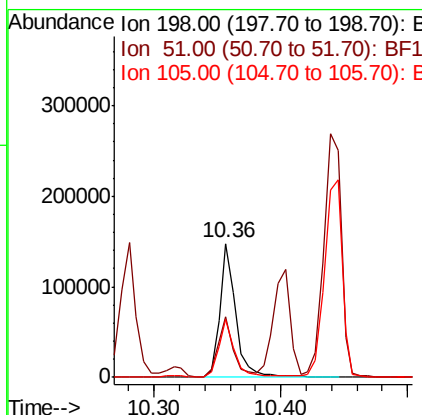
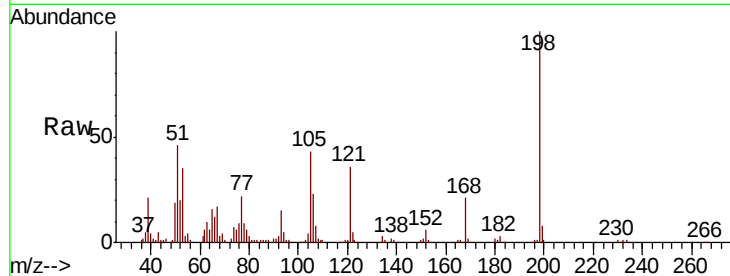
#65
 4,6-Dinitro-2-methylphenol
 Concen: 34.608 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB118222BS

Tgt Ion	Ratio	Lower	Upper
198	100		
51	45.6	25.9	65.9
105	43.4	24.7	64.7

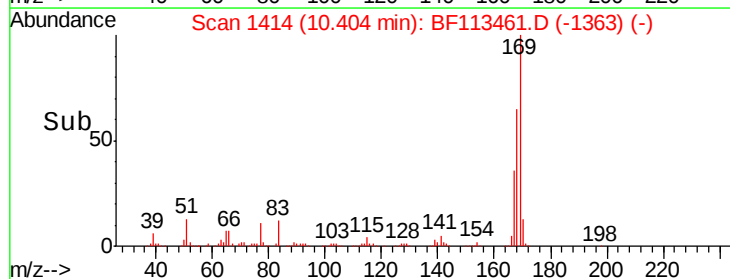
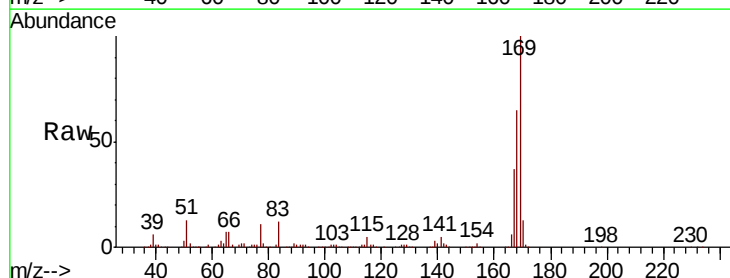
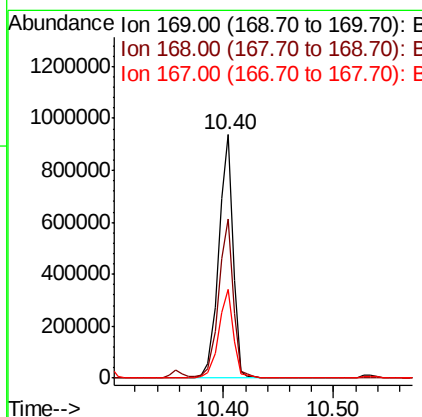
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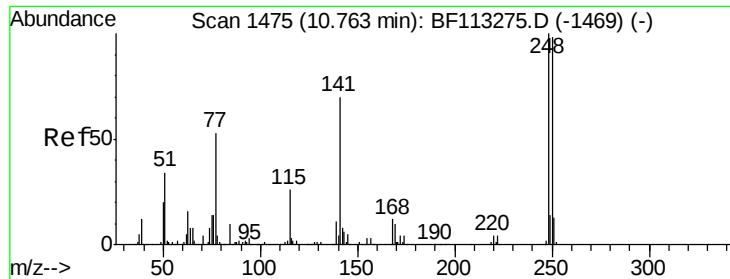
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#66
 n-Nitrosodiphenylamine
 Concen: 39.523 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.4	53.0	79.6
167	36.6	29.4	44.0





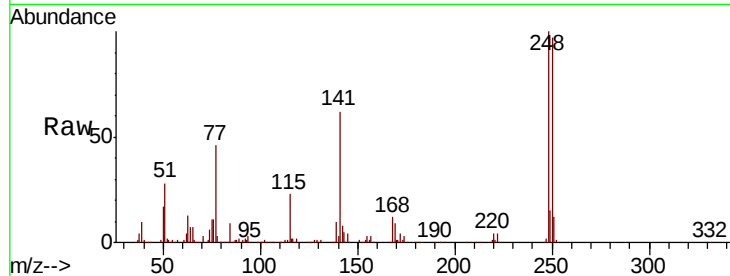
#67
 4-Bromophenyl-phenylether
 Concen: 39.555 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB118222BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.5	116.3
141	62.1	54.0	81.0

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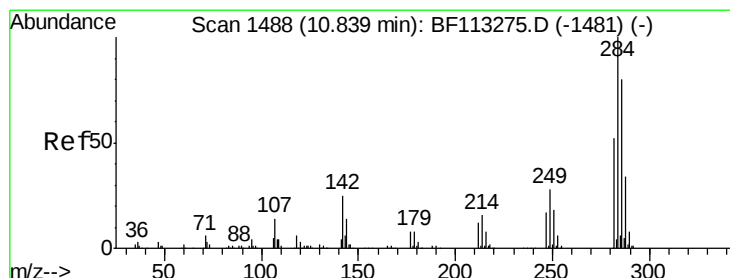
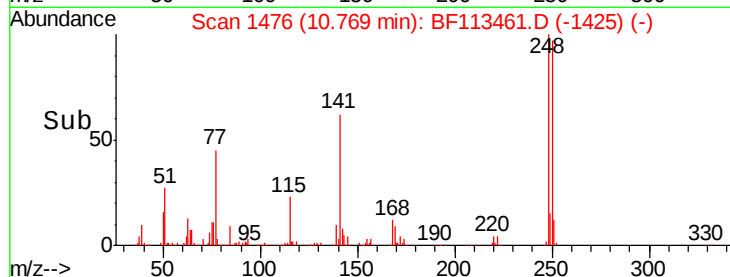
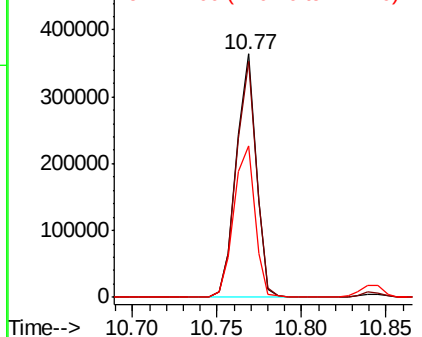


Abundance

Ion 248.00 (247.70 to 248.70): E

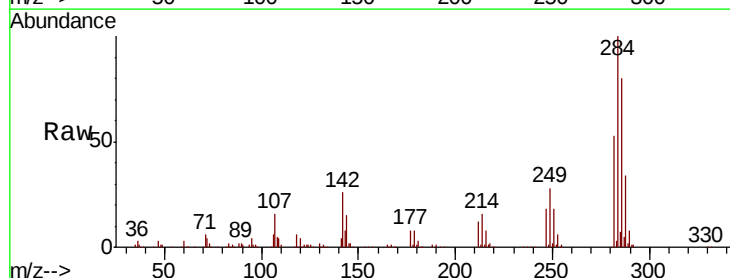
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 40.024 ng
 RT: 10.85 min Scan# 1489
 Delta R.T. 0.00 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.2	22.3	33.5
249	28.0	23.0	34.4

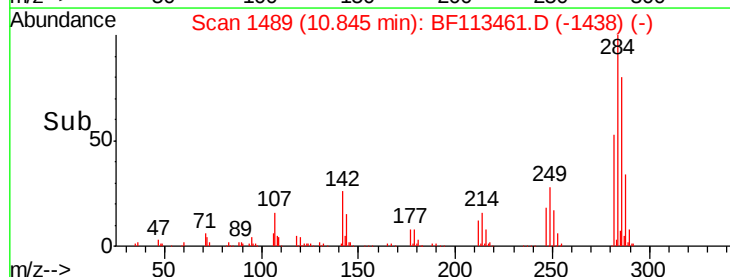
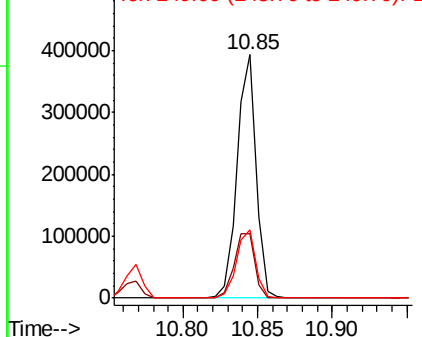


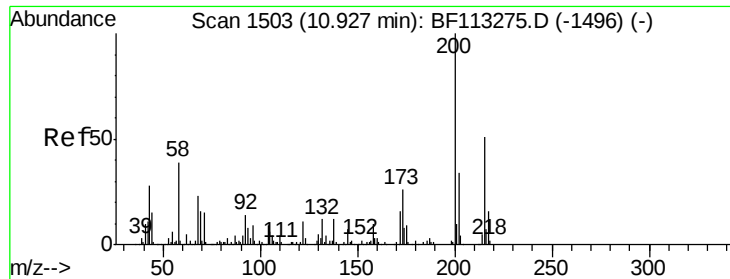
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





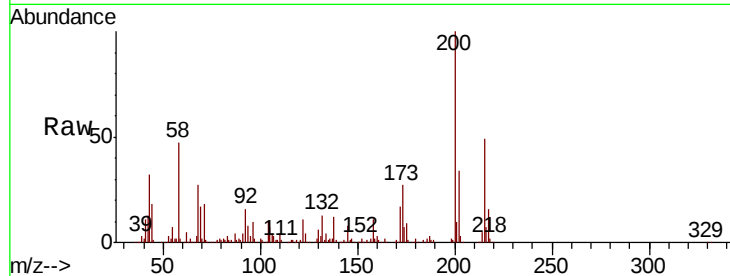
#69
Atrazine
Concen: 39.985 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	269619		
173	27.5	7.8	47.8	
215	49.1	30.0	70.0	

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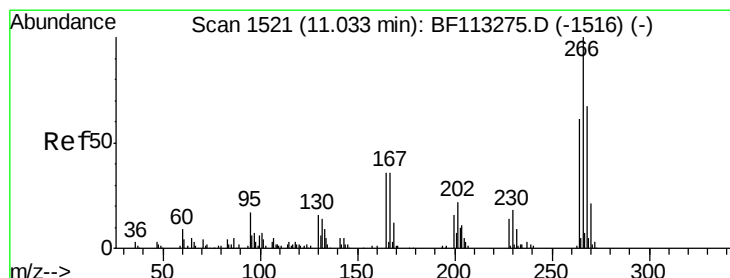
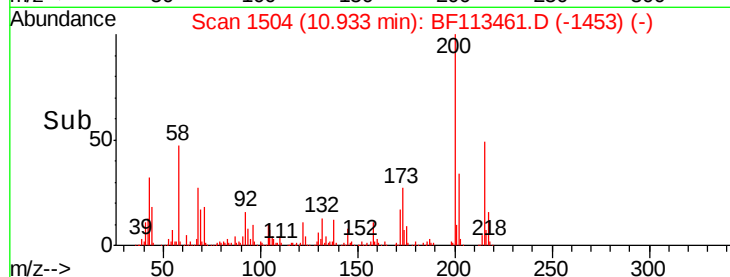
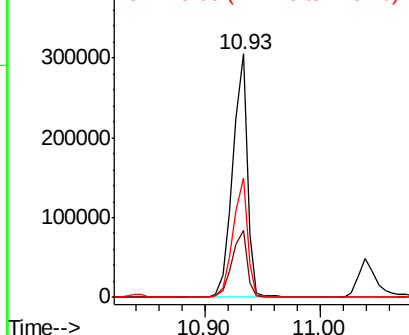


Abundance

Ion 200.00 (199.70 to 200.70): E

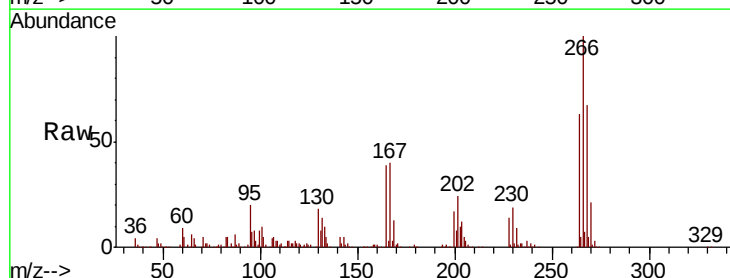
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 79.189 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	363388		
268	66.6	54.9	82.3	
264	63.4	51.4	77.0	

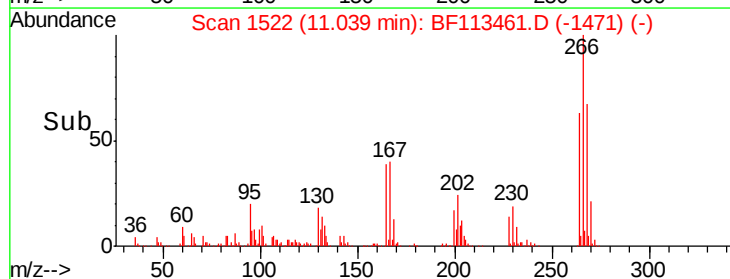
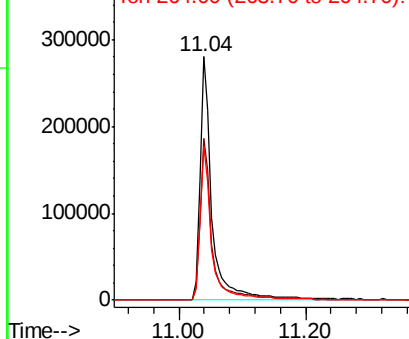


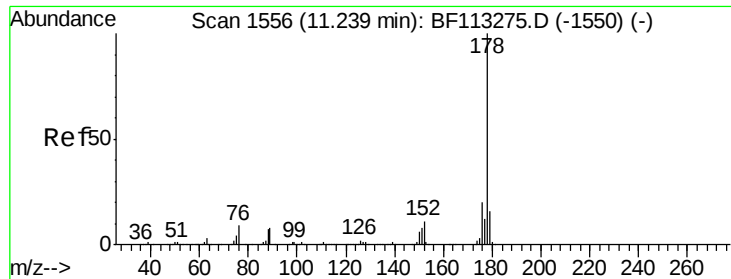
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





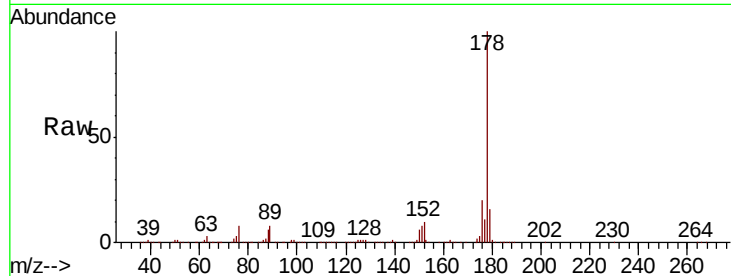
#71
Phenanthrene
Concen: 39.672 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB118222BS

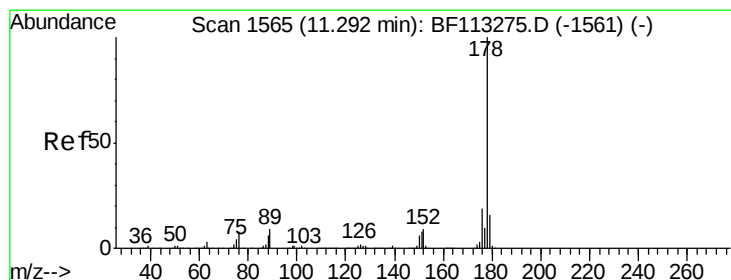
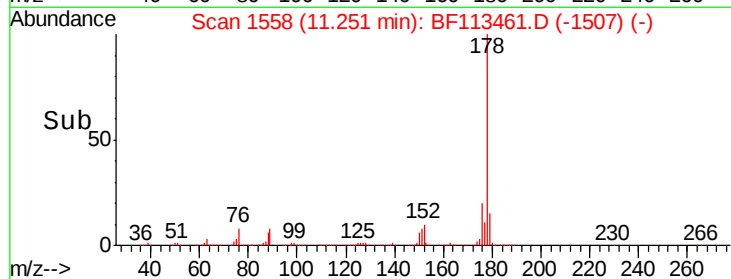
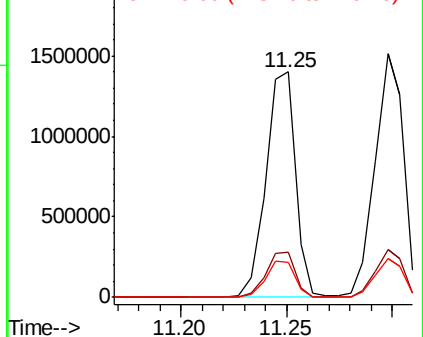
Tgt Ion:178 Resp: 1371604
Ion Ratio Lower Upper
178 100
176 20.2 16.1 24.1
179 15.7 12.6 19.0

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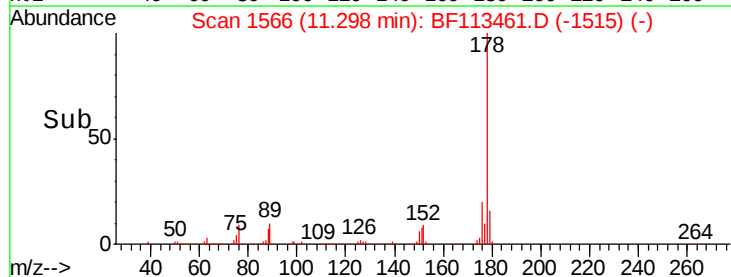
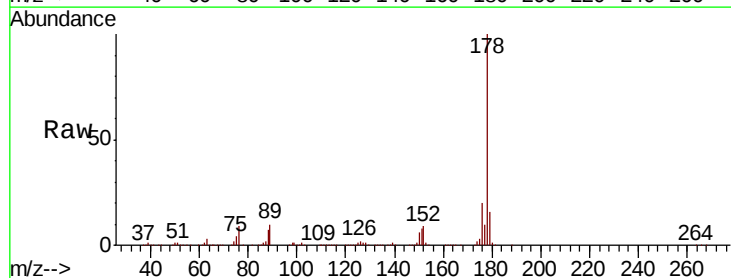
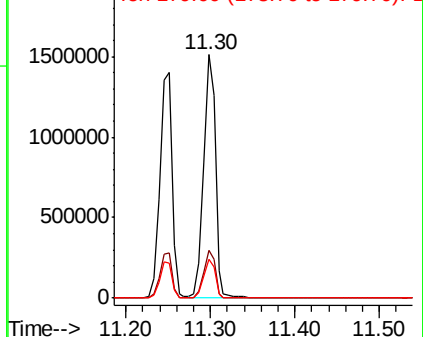
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

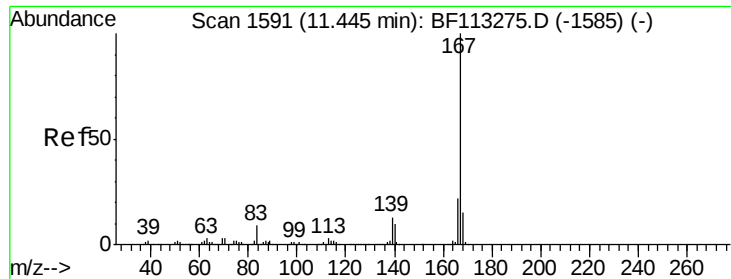


#72
Anthracene
Concen: 41.490 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion:178 Resp: 1457030
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 16.1 12.9 19.3

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





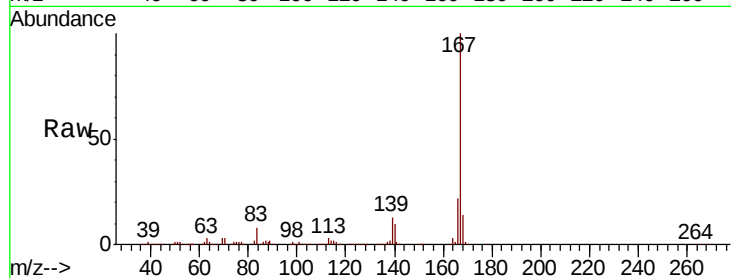
#73
 Carbazole
 Concen: 41.392 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.00 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB118222BS

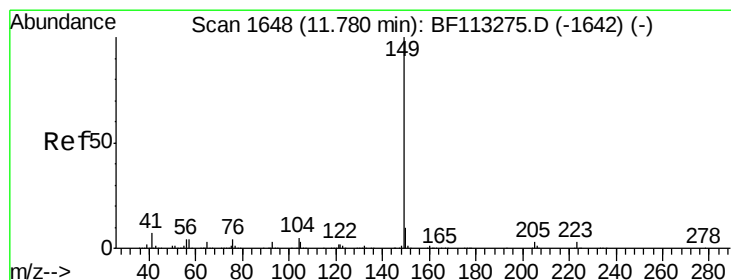
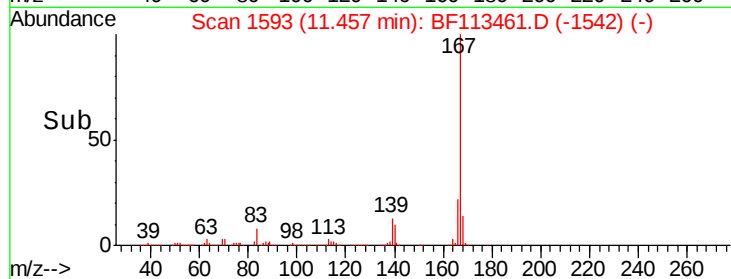
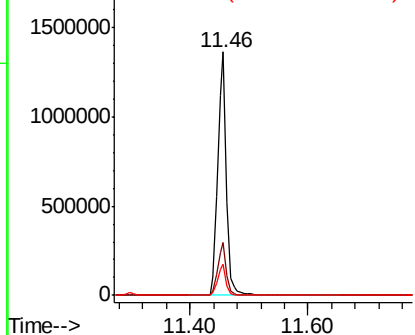
Tgt Ion:167 Resp: 1387026
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.8 26.8
 139 12.8 10.2 15.2

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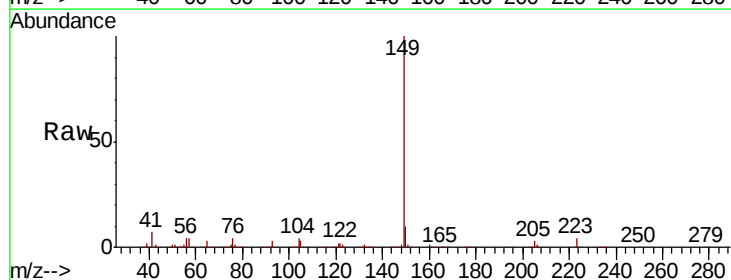


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

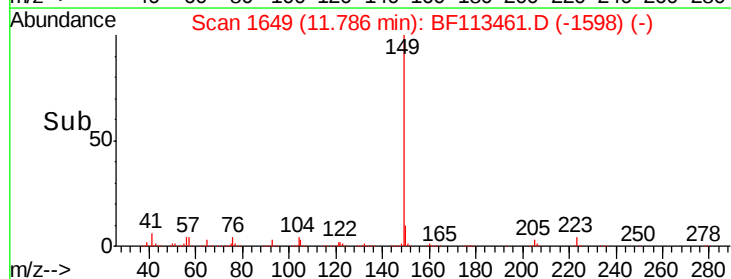
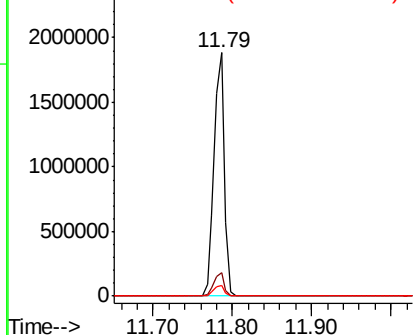


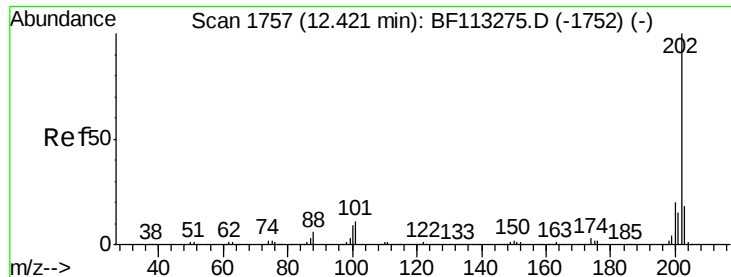
#74
 Di-n-butylphthalate
 Concen: 43.686 ng
 RT: 11.79 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Tgt Ion:149 Resp: 1697612
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.8
 104 4.4 3.5 5.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





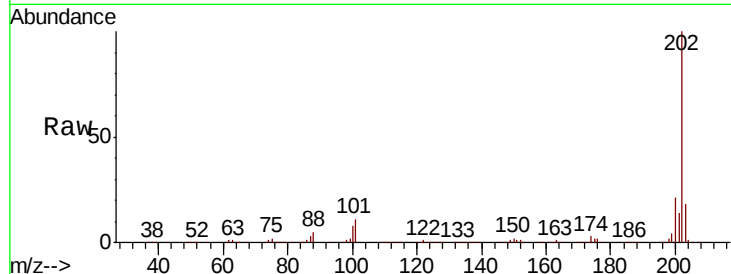
#75
 Fluoranthene
 Concen: 39.012 ng
 RT: 12.43 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB118222BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1524765		
101	10.6	0.0	30.9	
203	17.9	0.0	38.2	

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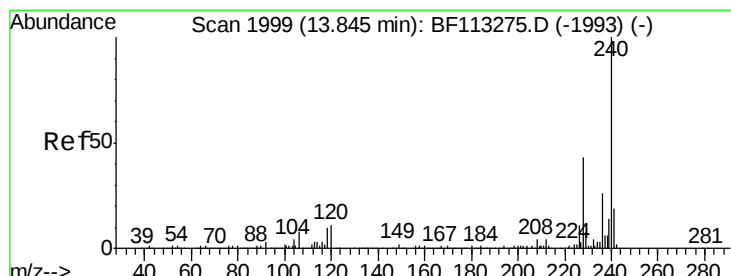
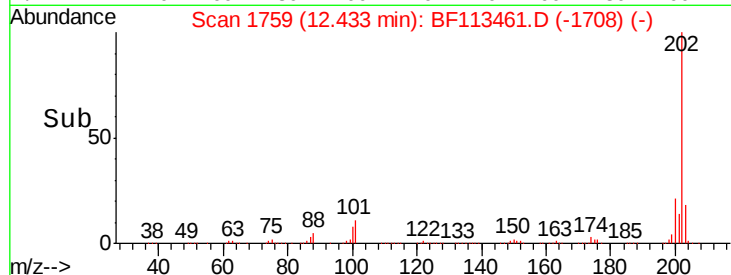
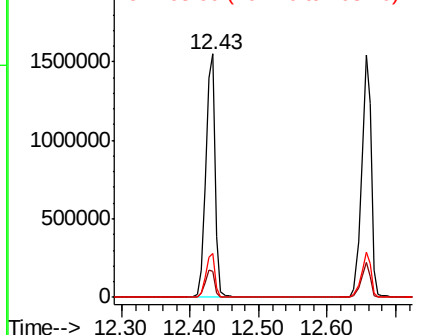


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

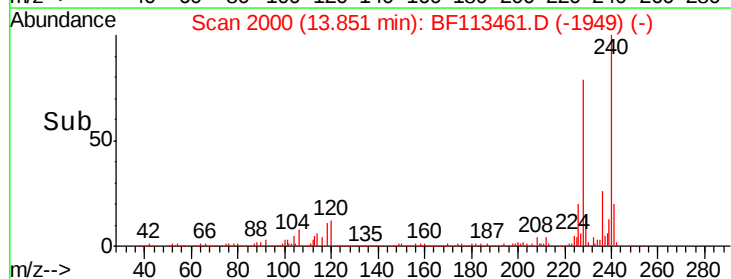
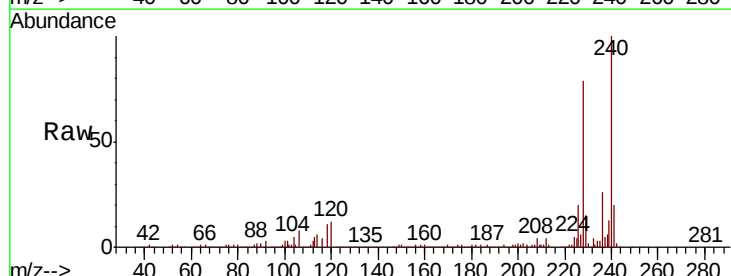
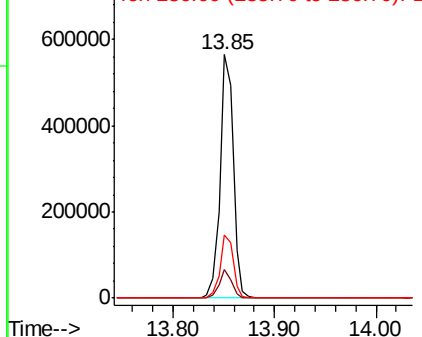
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	512445		
120	11.8	9.7	14.5	
236	25.7	20.9	31.3	

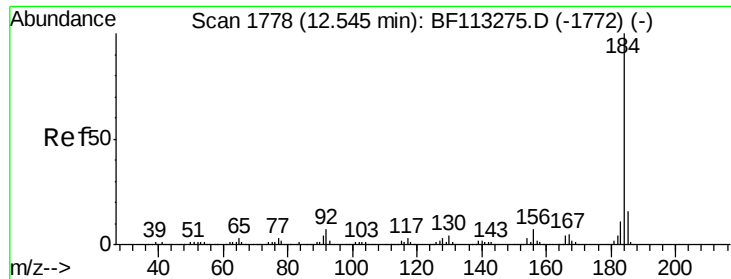
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.357 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Instrument :

BNA_F

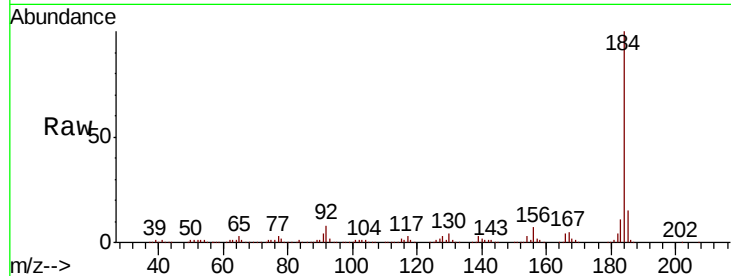
ClientSampleId :

PB118222BS

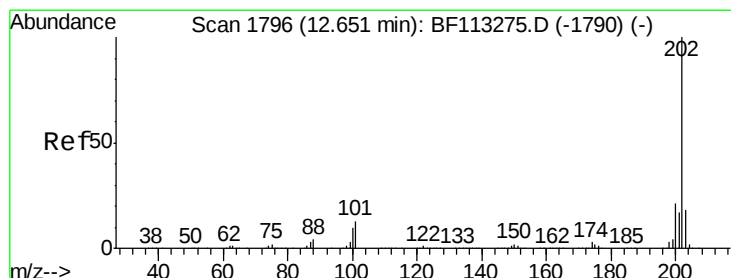
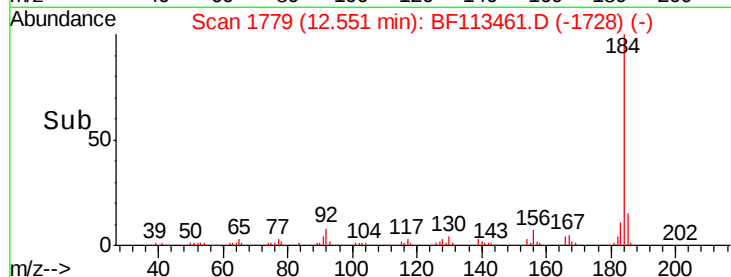
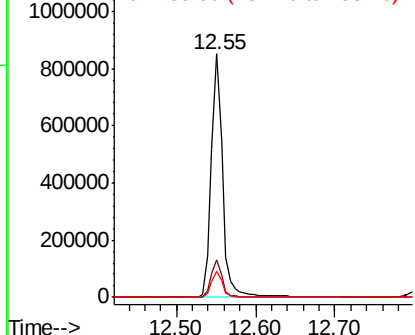
Tgt Ion:	184	Resp:	850836
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.8	19.2
183	10.7	8.9	13.3

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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: 43.252 ng

RT: 12.66 min Scan# 1797

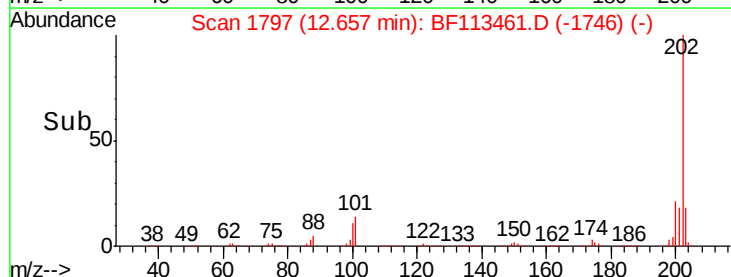
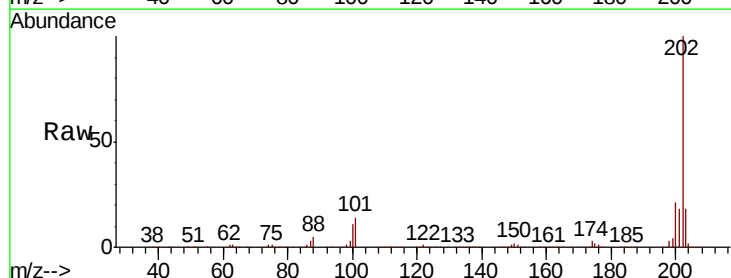
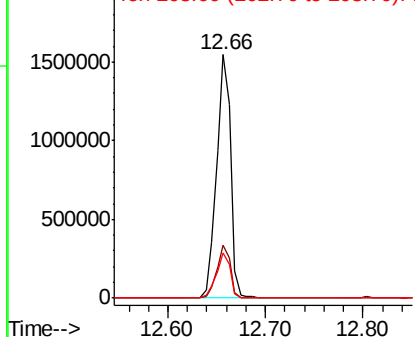
Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Tgt Ion:	202	Resp:	1535902
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.0	25.6
203	18.4	14.7	22.1

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





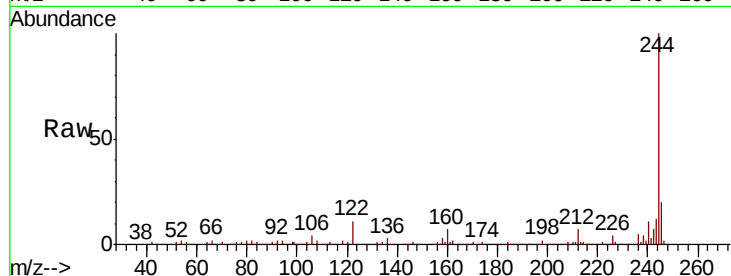
#79
 Terphenyl-d14
 Concen: 91.254 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Instrument :
 BNA_F
 ClientSampleID :
 PB118222BS

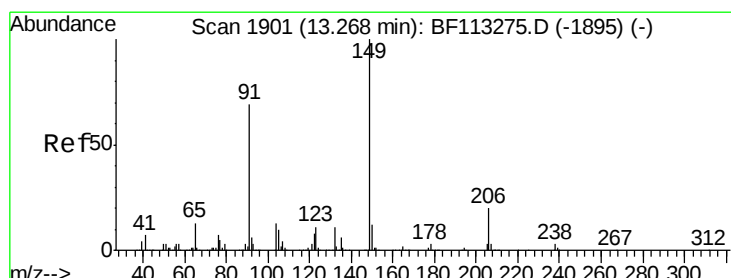
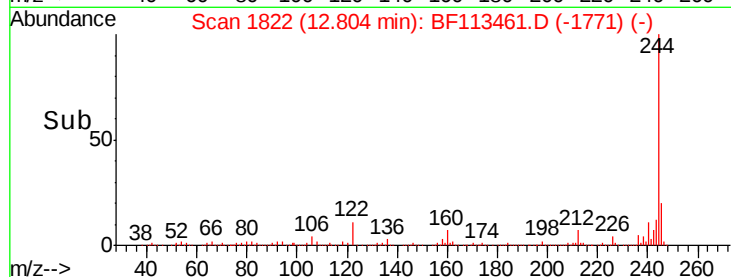
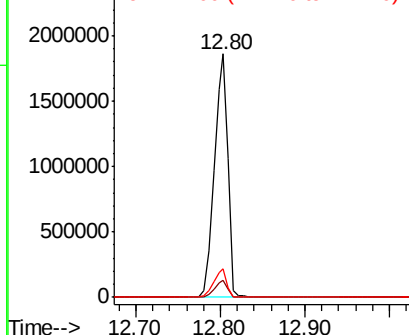
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	11.5	8.7	13.1

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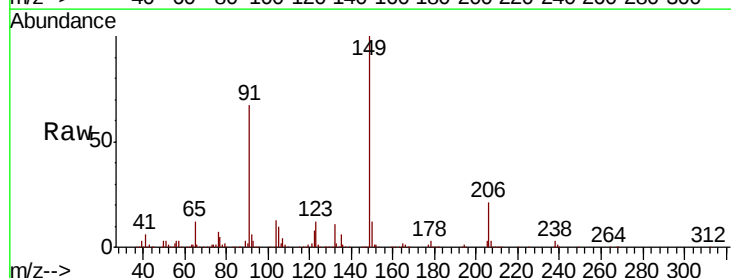


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

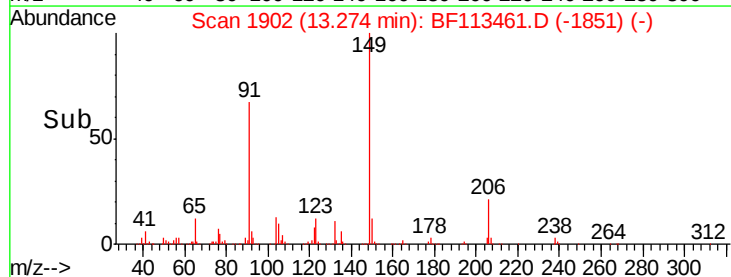
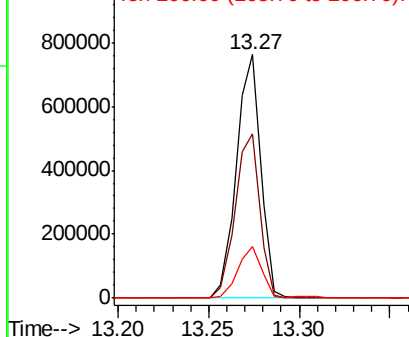


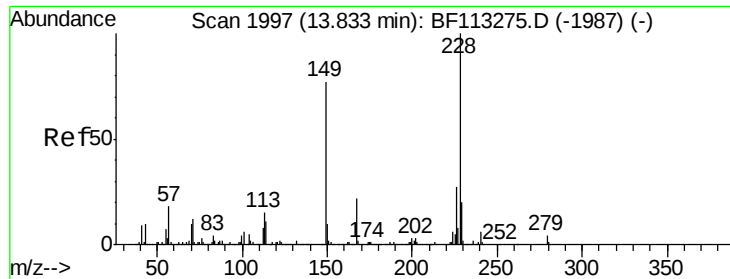
#80
 Butylbenzylphthalate
 Concen: 45.227 ng
 RT: 13.27 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: BF113461.D
 Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.2	52.6	79.0
206	21.1	17.0	25.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.969 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Instrument :

BNA_F

ClientSampleId :

PB118222BS

Tgt Ion:228 Resp: 1143100

Ion Ratio Lower Upper

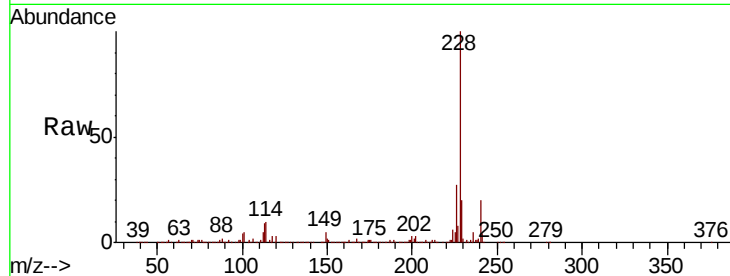
228 100

226 27.4 22.0 33.0

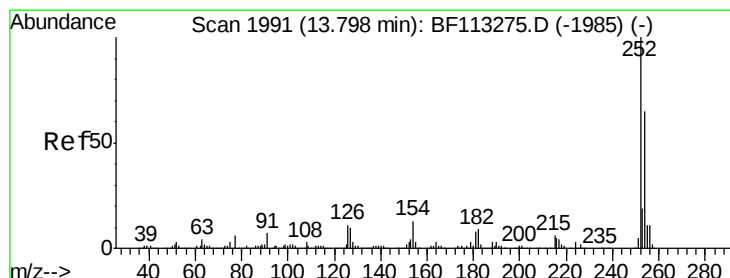
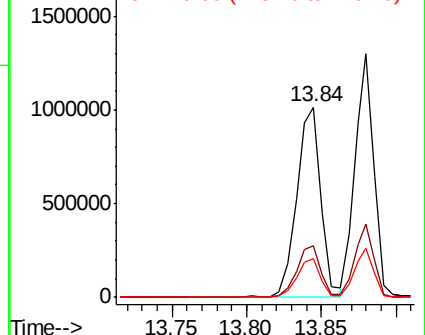
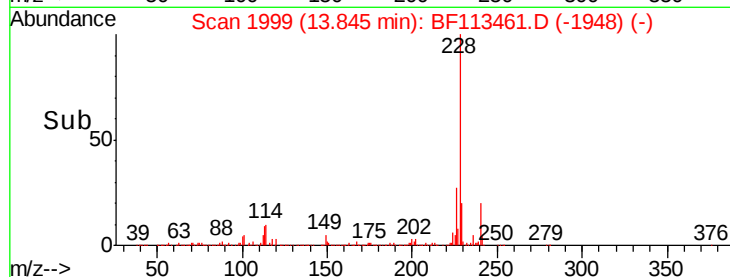
229 20.4 16.0 24.0

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.959 ng

RT: 13.80 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

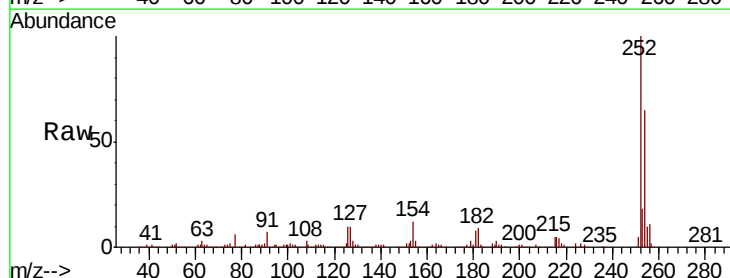
Tgt Ion:252 Resp: 340774

Ion Ratio Lower Upper

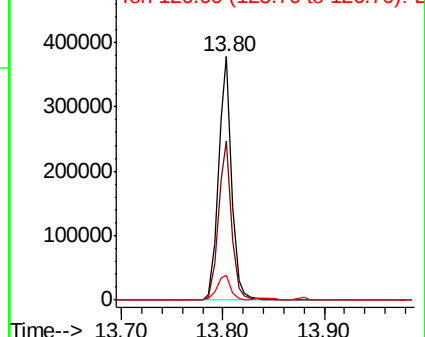
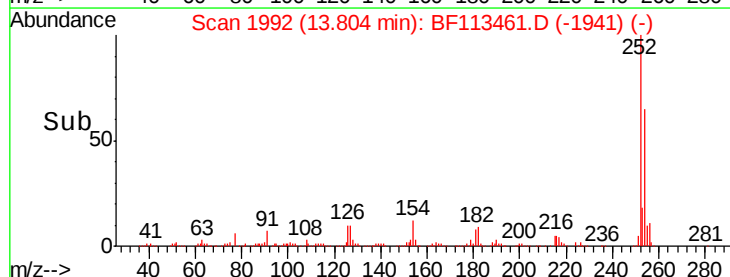
252 100

254 65.5 52.5 78.7

126 9.9 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





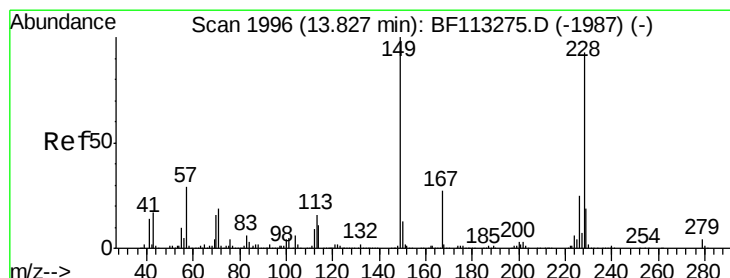
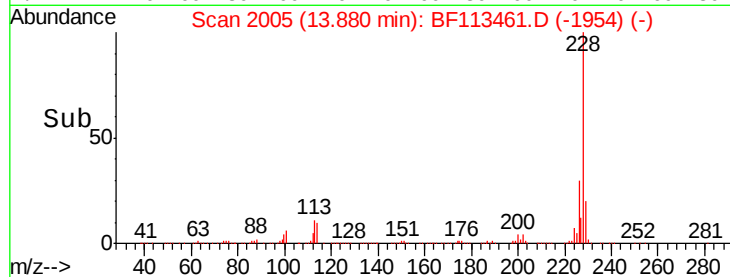
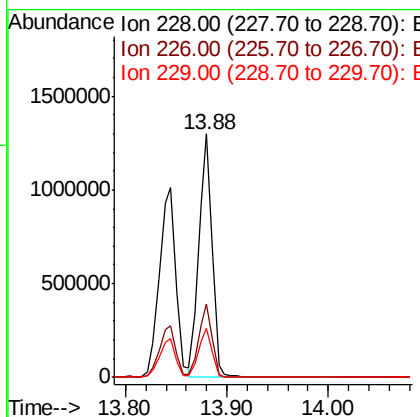
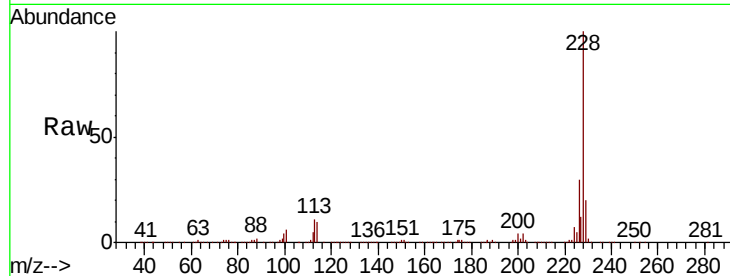
#83
Chrysene
Concen: 39.319 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion: 228 Resp: 1171481
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.4
229 20.3 16.2 24.2

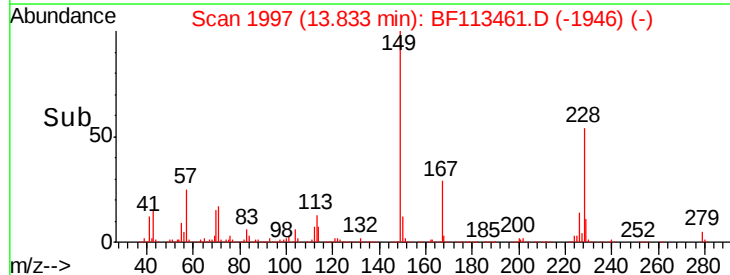
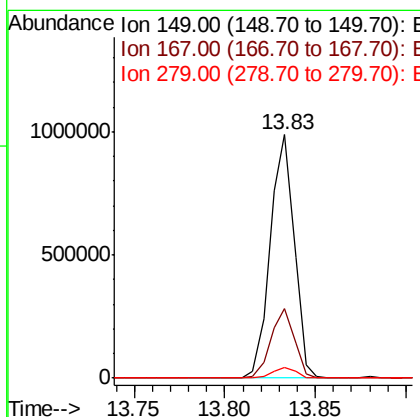
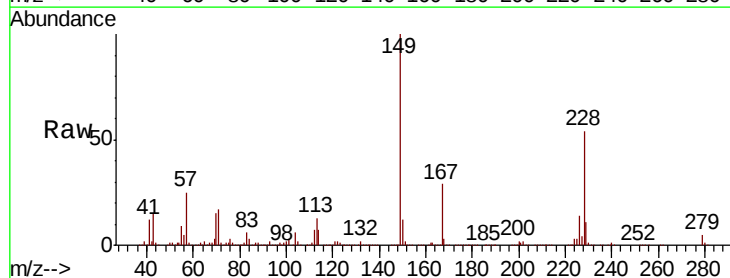
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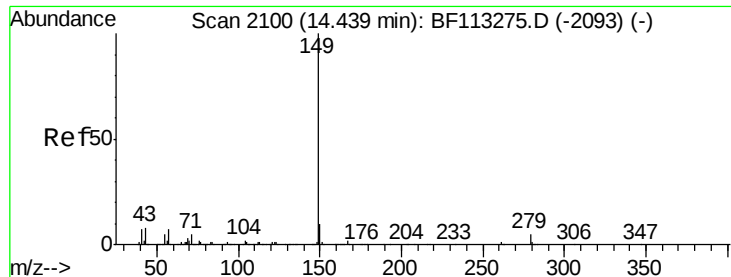
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#84
Bis(2-ethylhexyl)phthalate
Concen: 47.345 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion: 149 Resp: 908323
Ion Ratio Lower Upper
149 100
167 28.6 22.6 33.8
279 4.6 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 45.859 ng

RT: 14.44 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BF113461.D

Acq: 1 Apr 2019 12:36

Instrument :

BNA_F

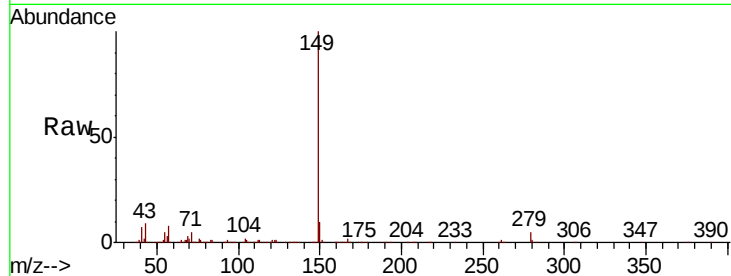
ClientSampleId :

PB118222BS

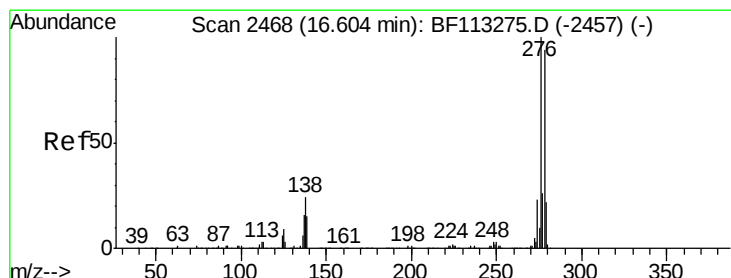
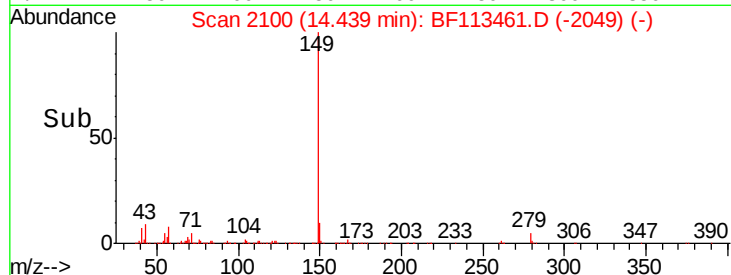
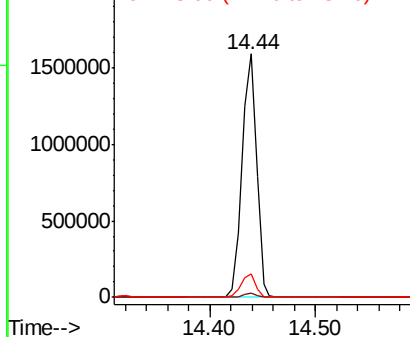
Tgt Ion:	149	Resp:	1493417
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.7	7.8	11.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.374 ng

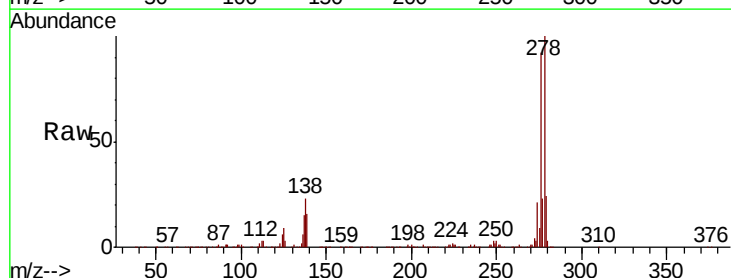
RT: 16.63 min Scan# 2472

Delta R.T. -0.01 min

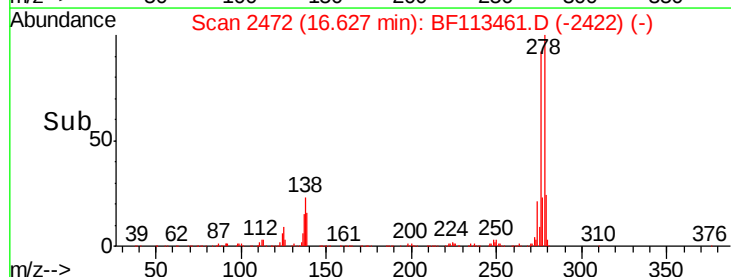
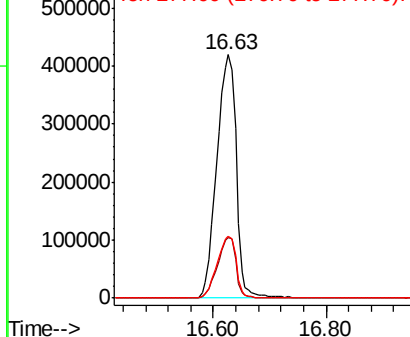
Lab File: BF113461.D

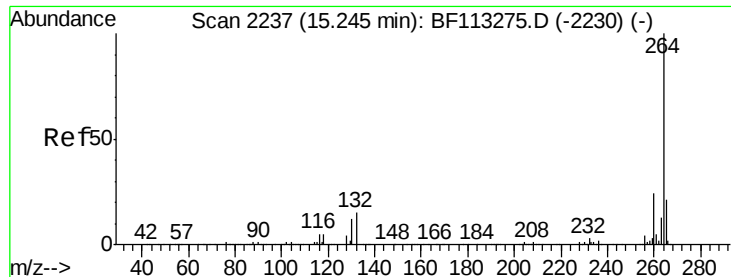
Acq: 1 Apr 2019 12:36

Tgt Ion:	276	Resp:	1006810
Ion	Ratio	Lower	Upper
276	100		
138	23.9	19.3	28.9
277	25.0	20.0	30.0



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





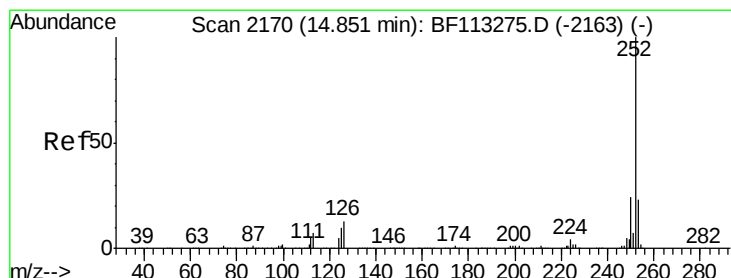
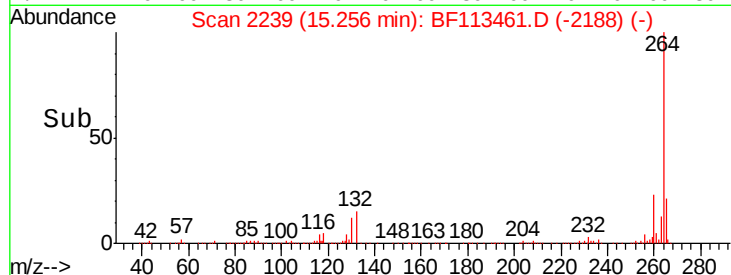
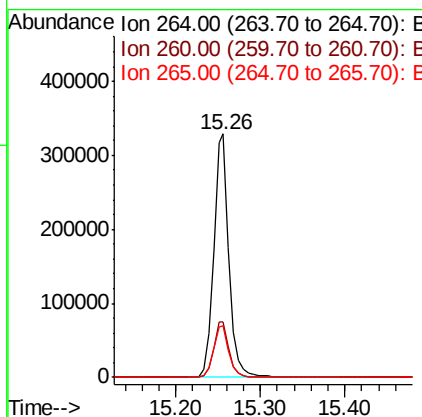
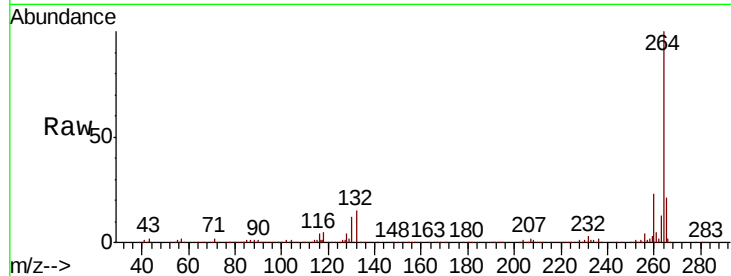
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.8	28.2
265	21.1	17.2	25.8

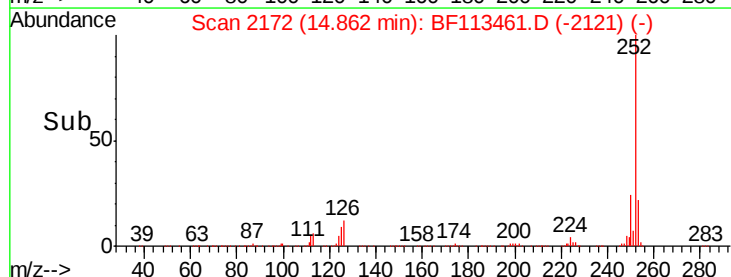
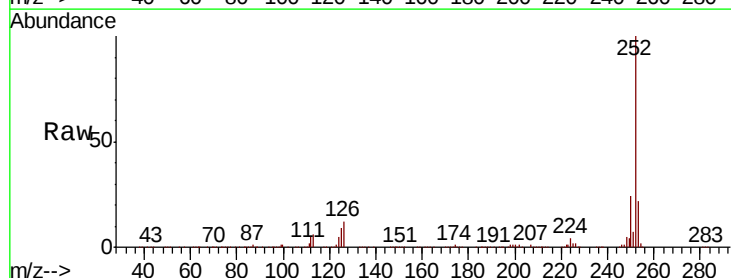
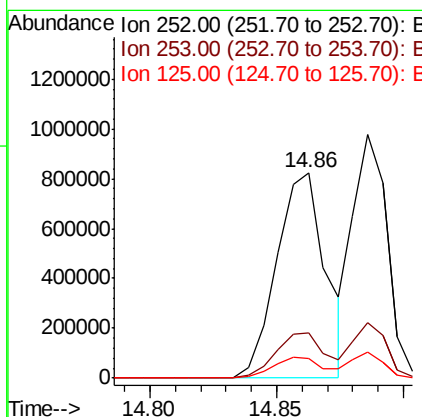
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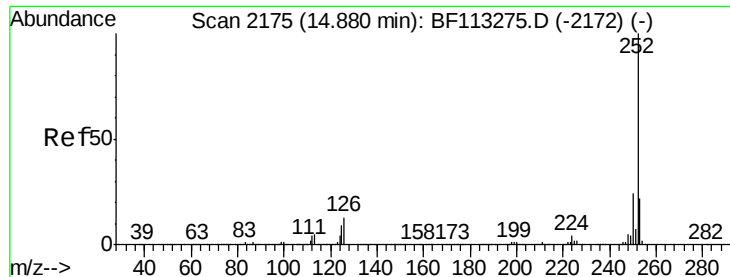
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#88
Benzo(b)fluoranthene
Concen: 42.711 ng
RT: 14.86 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	9.5	8.2	12.2





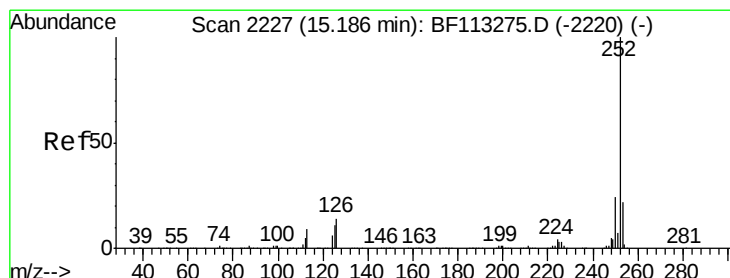
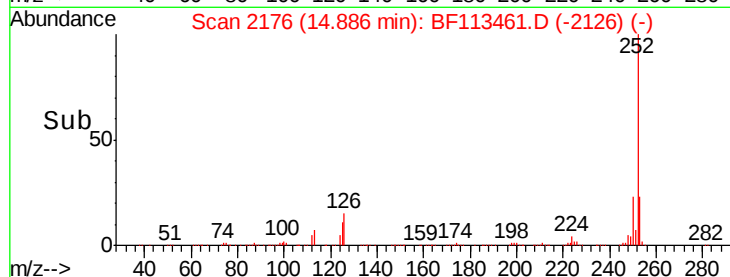
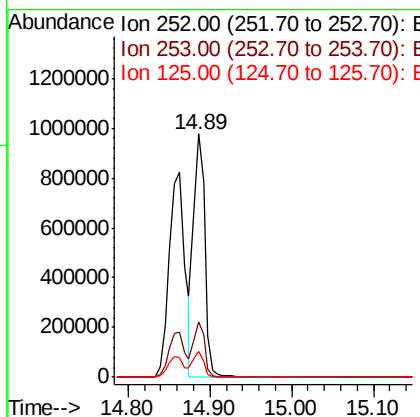
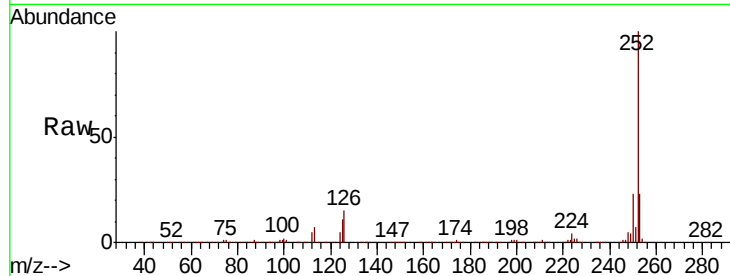
#89
Benzo(k)fluoranthene
Concen: 41.242 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	10.7	7.3	10.9

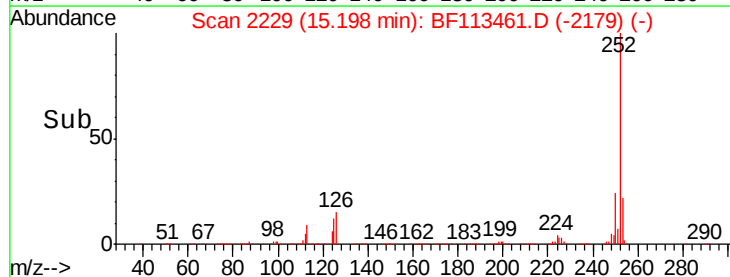
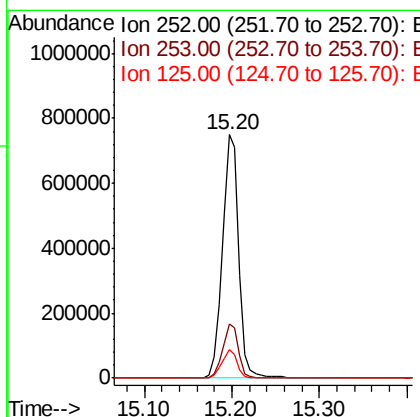
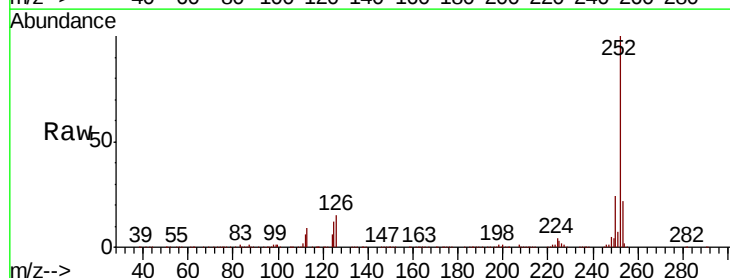
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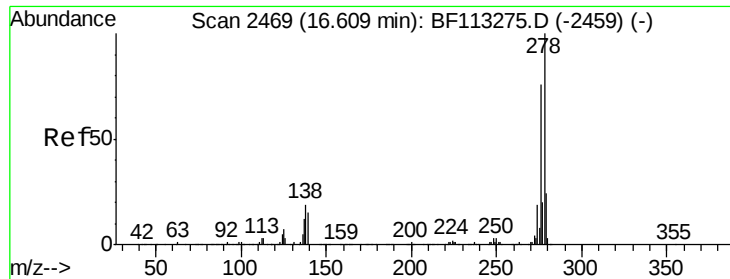
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#90
Benzo(a)pyrene
Concen: 42.019 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	11.7	8.4	12.6





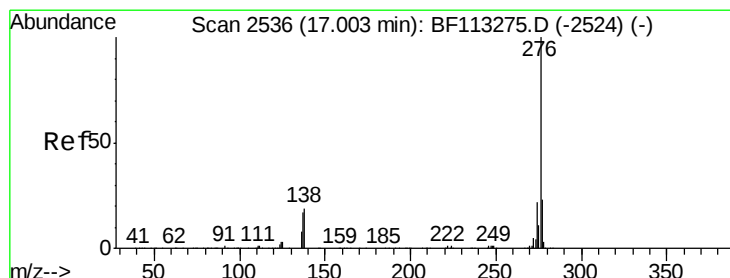
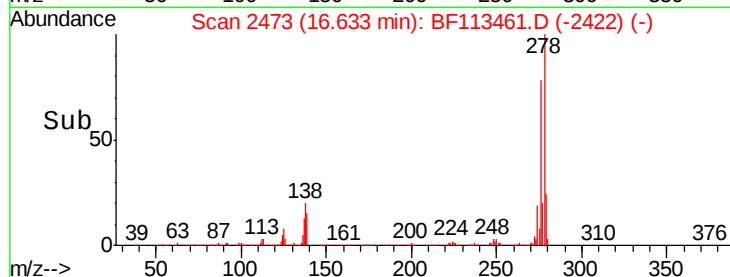
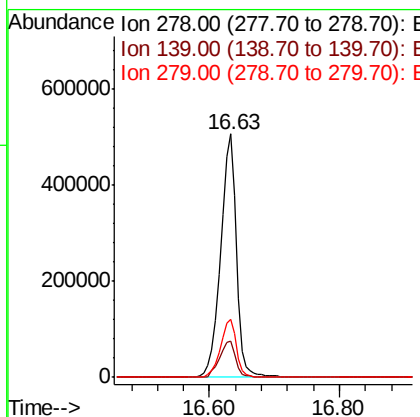
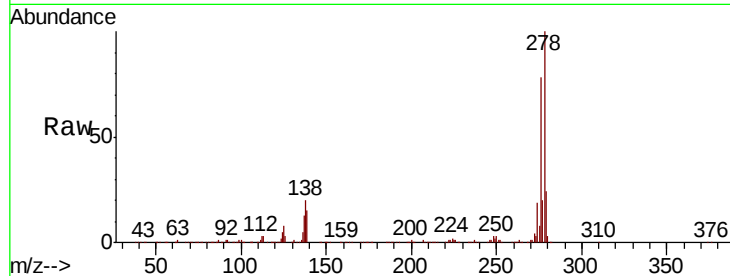
#91
Dibenzo(a,h)anthracene
Concen: 42.951 ng
RT: 16.63 min Scan# 2473
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.6	18.8
279	23.9	19.3	28.9

Manual Integrations
APPROVED

Sohil
4/2/2019 3:49:05 PM



#92
Benzo(g,h,i)perylene
Concen: 41.793 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.00 min
Lab File: BF113461.D
Acq: 1 Apr 2019 12:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.4	29.0
138	20.3	17.0	25.6

