

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030719\
 Data File : BF112922.D
 Acq On : 7 Mar 2019 15:41
 Operator : JU/SJ
 Sample : K1757-07MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-DMS

Manual Integrations
 APPROVED

Sohil
 3/8/2019 9:26:05 AM

Quant Time: Mar 08 00:52:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	210267	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	811634	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	403568	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	835719	20.00	ng	0.00
76) Chrysene-d12	13.87	240	604734	20.00	ng	0.00
87) Perylene-d12	15.27	264	607769	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1397314	103.37	ng	0.00
7) Phenol-d6	6.37	99	1831375	107.86	ng	0.00
23) Nitrobenzene-d5	7.29	82	1123357	82.82	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	554742	129.48	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1698716	65.69	ng	0.00
79) Terphenyl-d14	12.82	244	1978071	63.41	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.43	88	189004	27.894	ng	97
3) Pyridine	3.15	79	502585	27.725	ng	97
4) n-Nitrosodimethylamine	3.08	42	225203	28.399	ng	94
6) Aniline	6.39	93	525114	22.467	ng	# 27
8) 2-Chlorophenol	6.52	128	480276	31.918	ng	93
9) Benzaldehyde	6.27	77	267473	21.862	ng	99
10) Phenol	6.39	94	669349	33.781	ng	85
11) bis(2-Chloroethyl)ether	6.47	93	474180	31.179	ng	97
12) 1,3-Dichlorobenzene	6.67	146	501865	32.287	ng	98
13) 1,4-Dichlorobenzene	6.75	146	510275	32.734	ng	98
14) 1,2-Dichlorobenzene	6.90	146	475647	33.285	ng	99
15) Benzyl Alcohol	6.87	79	423858	32.736	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	766812	30.213	ng	97
17) 2-Methylphenol	6.99	107	408245	33.444	ng	96
18) Hexachloroethane	7.25	117	186377	31.212	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	333530	31.014	ng	97
20) 3+4-Methylphenols	7.15	107	477840	34.672	ng	94
22) Acetophenone	7.14	105	650074	34.254	ng	95
24) Nitrobenzene	7.31	77	524523	34.744	ng	100
25) Isophorone	7.56	82	977653	33.457	ng	97
26) 2-Nitrophenol	7.63	139	270691	43.074	ng	97
27) 2,4-Dimethylphenol	7.67	122	449639	38.459	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	612707	33.537	ng	99
29) 2,4-Dichlorophenol	7.87	162	427241	37.683	ng	97
30) 1,2,4-Trichlorobenzene	7.96	180	439348	36.064	ng	98
31) Naphthalene	8.03	128	1389866	34.492	ng	100
32) Benzoic acid	7.77	122	136263	16.629	ng	94
33) 4-Chloroaniline	8.08	127	288371	16.896	ng	99
34) Hexachlorobutadiene	8.16	225	247649	36.046	ng	99
35) Caprolactam	8.45	113	149446m	37.425	ng	
36) 4-Chloro-3-methylphenol	8.57	107	452075	36.029	ng	94
37) 2-Methylnaphthalene	8.73	142	941683	36.187	ng	99
38) 1-Methylnaphthalene	8.83	142	882224	34.998	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	404847	34.401	ng	99

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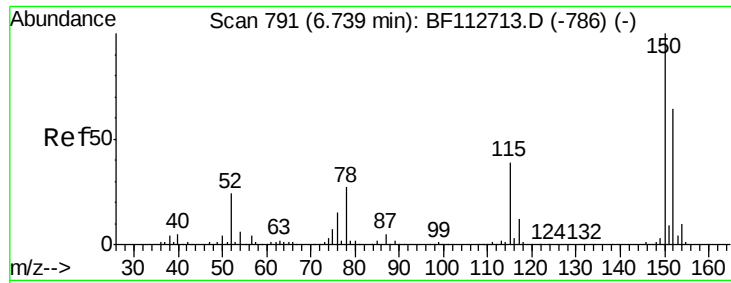
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	489095	75.894	nq	99
43) 2,4,6-Trichlorophenol	9.00	196	315204	38.917	nq	99
44) 2,4,5-Trichlorophenol	9.05	196	337567	38.559	nq	98
46) 1,1'-Biphenyl	9.19	154	1119147	33.999	nq	98
47) 2-Chloronaphthalene	9.21	162	878682	34.186	nq	100
48) 2-Nitroaniline	9.30	65	301990	38.654	nq	96
49) Acenaphthylene	9.63	152	1422019	32.589	nq	99
50) Dimethylphthalate	9.49	163	1224873	41.162	nq	100
51) 2,6-Dinitrotoluene	9.55	165	248386	40.084	nq #	76
52) Acenaphthene	9.80	154	837176	32.808	nq	99
53) 3-Nitroaniline	9.71	138	194763	25.794	nq	94
54) 2,4-Dinitrophenol	9.82	184	218367	85.655	nq	95
55) Dibenzofuran	9.97	168	1254970	33.839	nq	98
56) 4-Nitrophenol	9.89	139	449758	73.291	nq	94
57) 2,4-Dinitrotoluene	9.95	165	333541	43.303	nq	88
58) Fluorene	10.31	166	922318	35.039	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	298562	40.934	nq	94
60) Diethylphthalate	10.19	149	1090107	34.686	nq	98
61) 4-Chlorophenyl-phenylether	10.30	204	455983	37.232	nq	94
62) 4-Nitroaniline	10.33	138	280625	40.220	nq	96
63) Azobenzene	10.46	77	1021295	31.726	nq	96
65) 4,6-Dinitro-2-methylphenol	10.36	198	158272	46.275	nq	87
66) n-Nitrosodiphenylamine	10.42	169	902778	33.683	nq	100
67) 4-Bromophenyl-phenylether	10.79	248	312342	35.483	nq #	91
68) Hexachlorobenzene	10.86	284	364647	36.748	nq #	87
69) Atrazine	10.95	200	301153	36.687	nq	98
70) Pentachlorophenol	11.05	266	415032	71.063	nq	98
71) Phenanthrene	11.27	178	1429510	34.380	nq	99
72) Anthracene	11.32	178	1492548	34.291	nq	100
73) Carbazole	11.47	167	1457027	34.316	nq	100
74) Di-n-butylphthalate	11.81	149	1733555	34.051	nq	100
75) Fluoranthene	12.45	202	1582519	35.524	nq	96
77) Benzidine	12.57	184	834669	26.603	nq	98
78) Pyrene	12.67	202	1621955	31.815	nq	99
80) Butylbenzylphthalate	13.30	149	783883	34.834	nq	90
81) Benzo(a)anthracene	13.86	228	1255098	29.946	nq	100
82) 3,3'-Dichlorobenzidine	13.82	252	390174	24.615	nq	100
83) Chrysene	13.89	228	1318761	32.122	nq	100
84) Bis(2-ethylhexyl)phthalate	13.86	149	918744	34.808	nq	99
85) Di-n-octyl phthalate	14.47	149	1731731	38.208	nq	97
86) Indeno(1,2,3-cd)pyrene	16.63	276	1369623	39.132	nq	96
88) Benzo(b)fluoranthene	14.87	252	1296109	32.970	nq	98
89) Benzo(k)fluoranthene	14.90	252	1117893	31.394	nq	99
90) Benzo(a)pyrene	15.22	252	1170099	33.650	nq	97
91) Dibenzo(a,h)anthracene	16.64	278	1139800	38.414	nq	98
92) Benzo(g,h,i)perylene	17.04	276	1177664	39.526	nq	97

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



#1

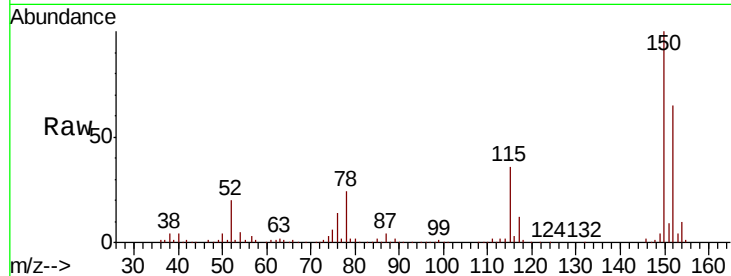
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.2	186.2
115	56.2	48.2	72.4

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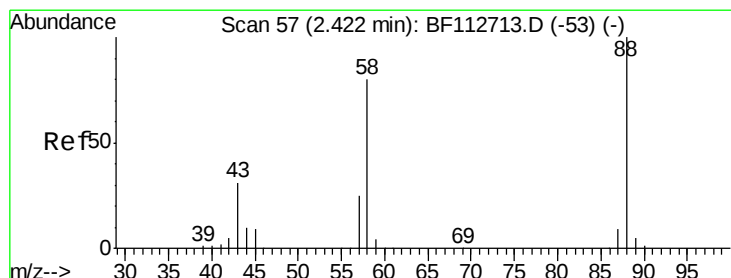
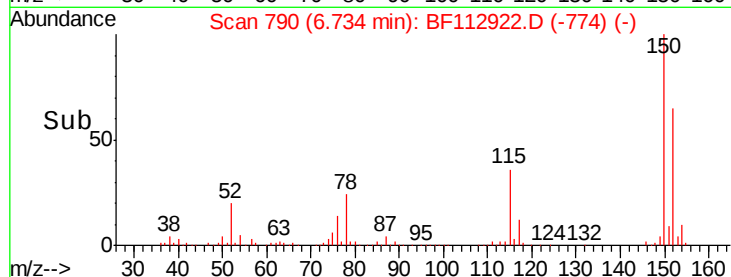
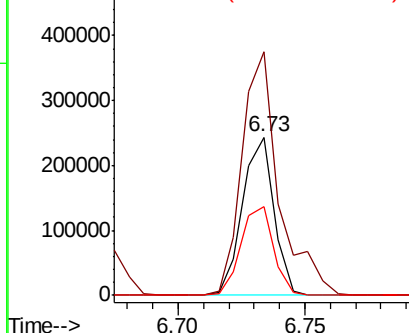


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

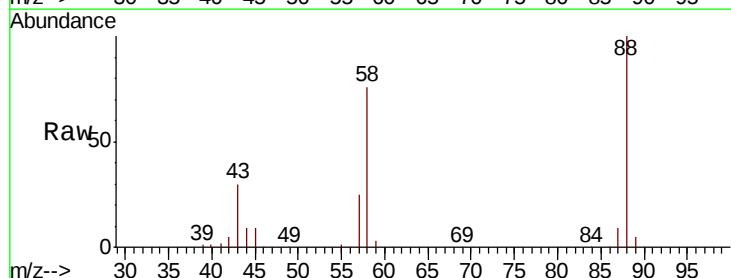
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 27.894 ng
RT: 2.43 min Scan# 59
Delta R.T. 0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.1	63.1	94.7
43	29.0	24.3	36.5

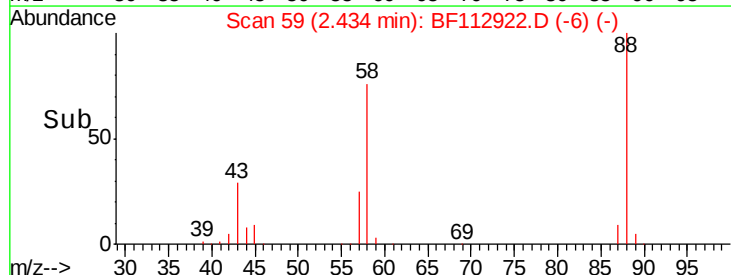
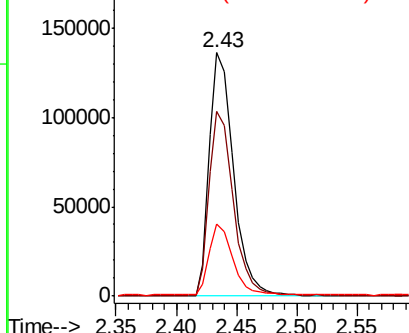


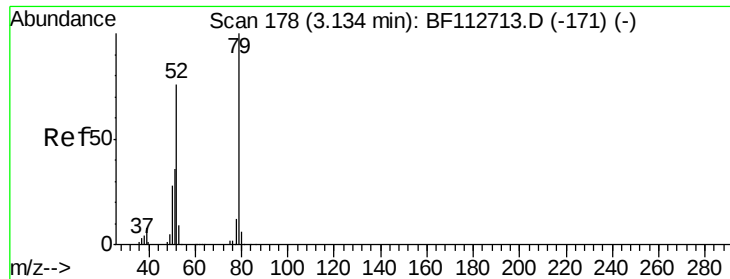
Abundance

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

Pvridine

Concen: 27.725 ng

RT: 3.15 min Scan# 181

Delta R.T. 0.02 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

Instrument :

BNA_F

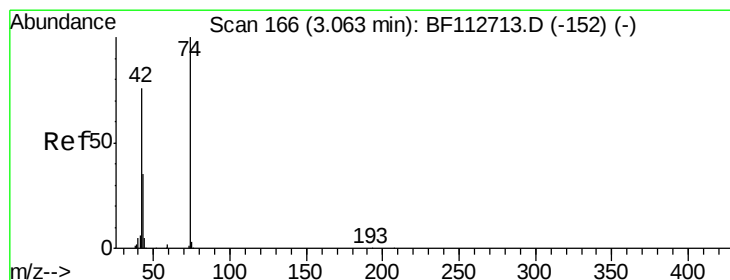
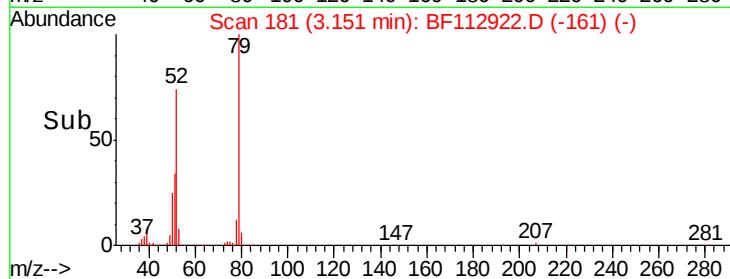
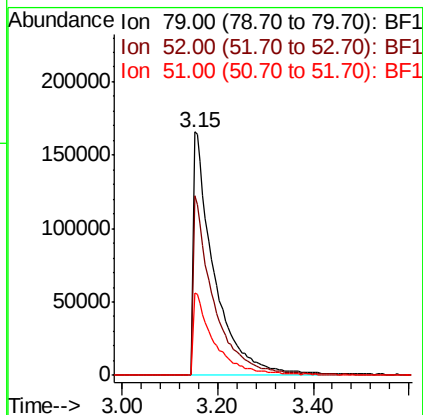
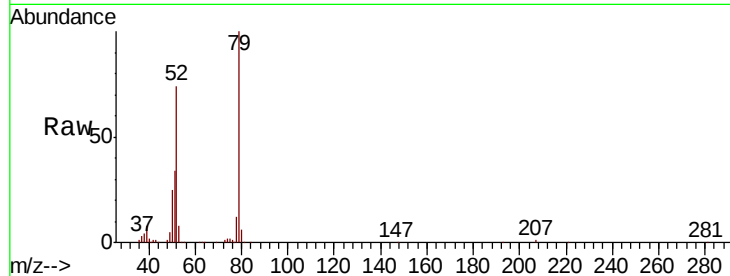
ClientSampleId :

TP-6CD-DMS

Tot Ion:	79	Resp:	502585
Ion Ratio	Lower	Upper	
79	100		
52	74.0	60.5	90.7
51	33.6	28.8	43.2

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#4

n-Nitrosodimethylamine

Concen: 28.399 ng

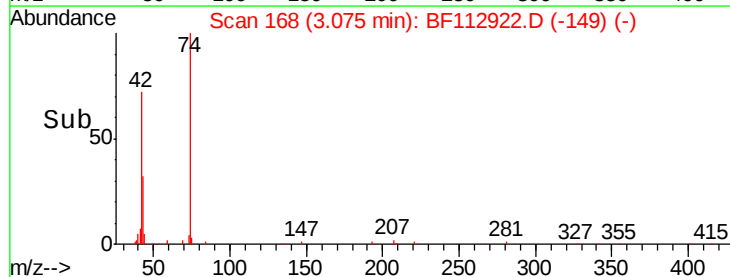
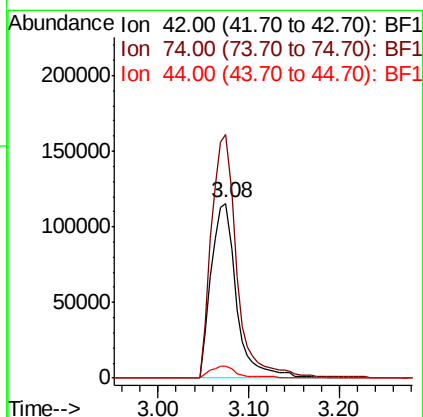
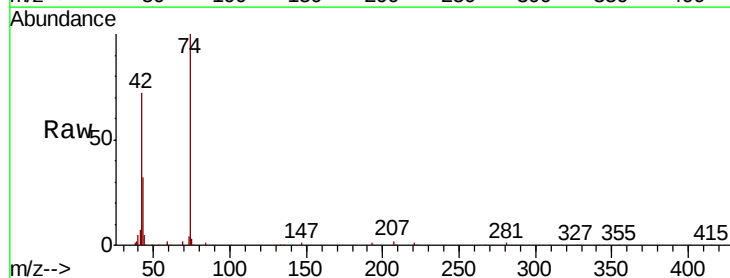
RT: 3.08 min Scan# 168

Delta R.T. 0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

Tgt Ion:	42	Resp:	225203
Ion Ratio	Lower	Upper	
42	100		
74	139.5	105.8	158.8
44	7.0	6.2	9.2





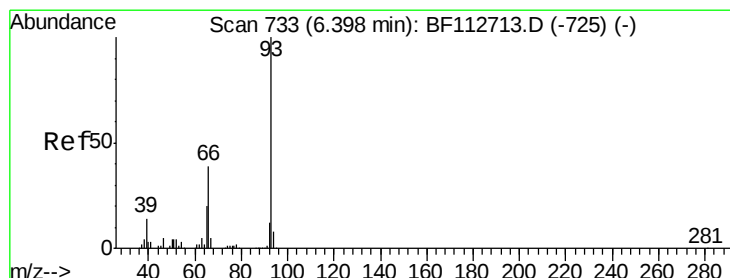
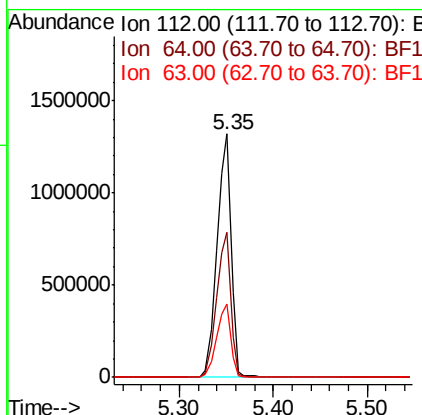
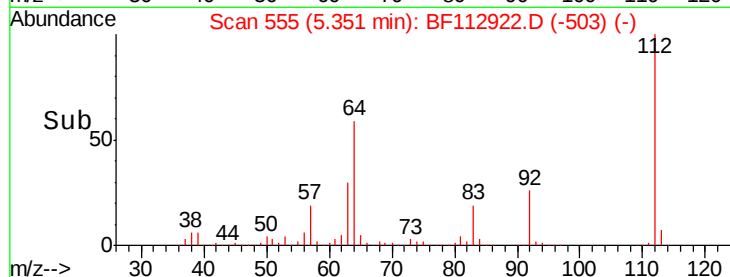
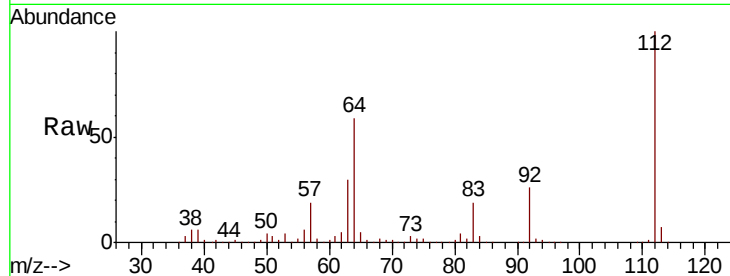
#5
2-Fluorophenol
Concen: 103.373 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMS

Tot Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.6	71.4
63	30.3	24.4	36.6

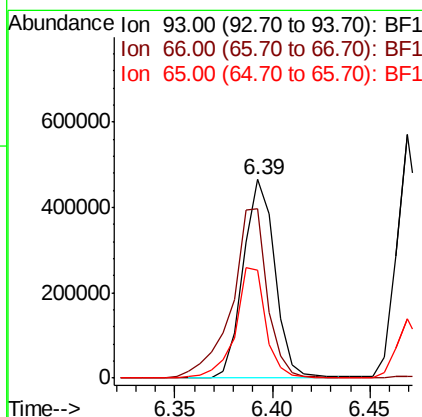
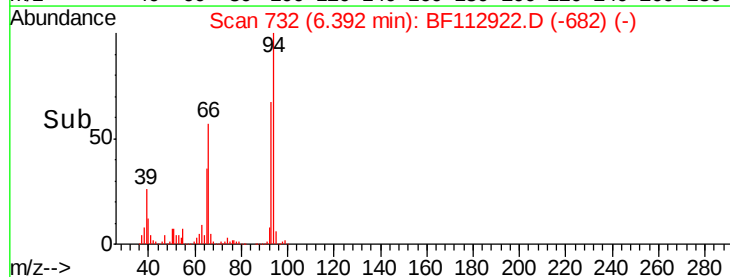
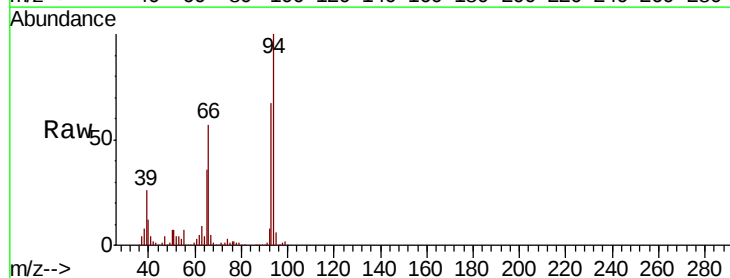
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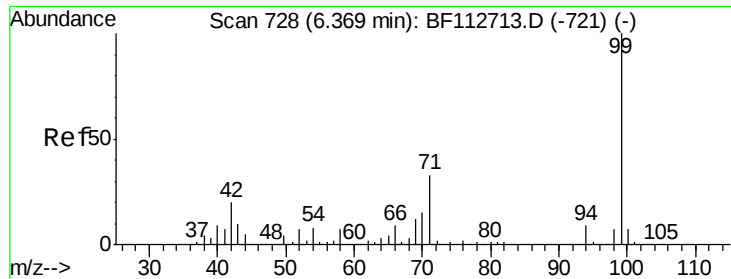
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#6
Aniline
Concen: 22.467 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion	Ratio	Lower	Upper
93	100		
66	85.1	32.2	48.2#
65	54.3	16.2	24.4#





#7

Phenol-d6

Concen: 107.855 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

Instrument :

BNA_F

ClientSampleId :

TP-6CD-DMS

Tot Ion: 99 Resp: 1831375

Ion Ratio Lower Upper

99 100

42 19.0 16.3 24.5

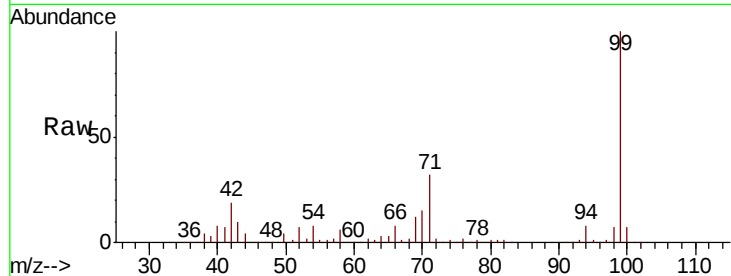
71 32.3 26.2 39.4

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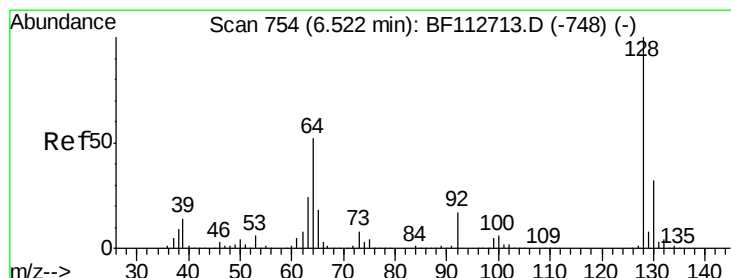
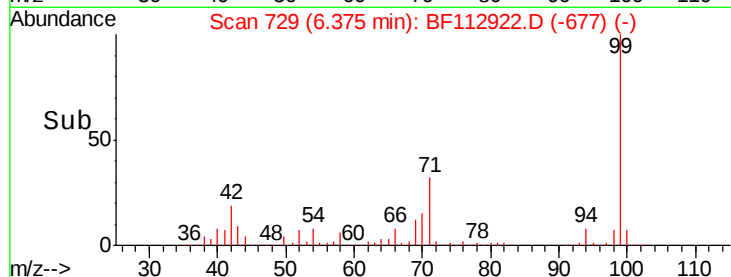
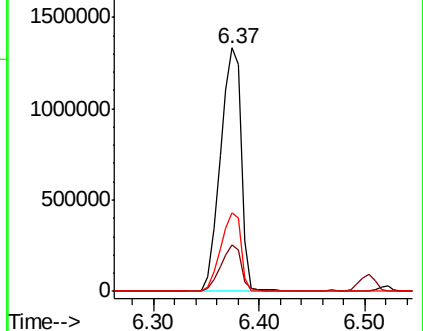
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 31.918 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

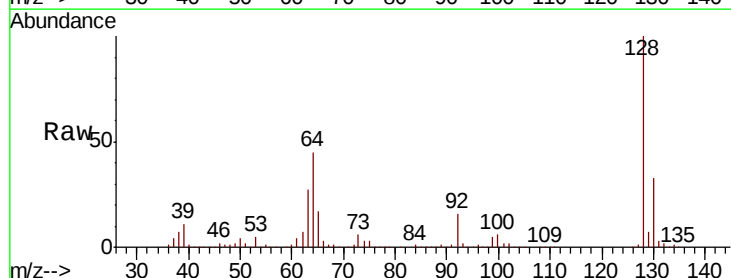
Tgt Ion:128 Resp: 480276

Ion Ratio Lower Upper

128 100

130 33.4 12.4 52.4

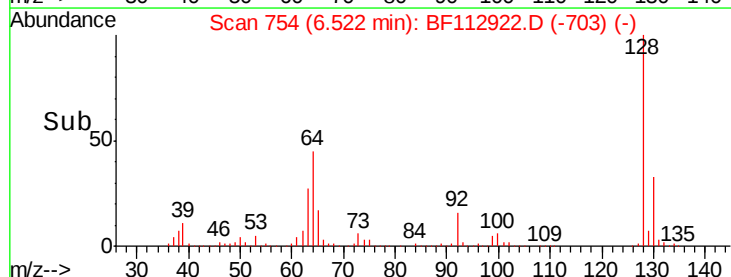
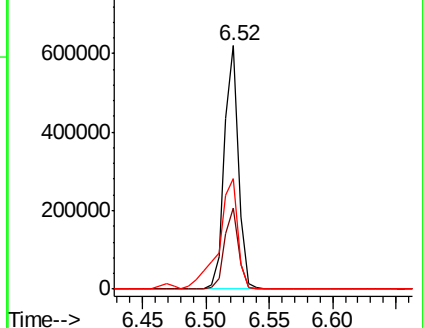
64 45.3 32.2 72.2

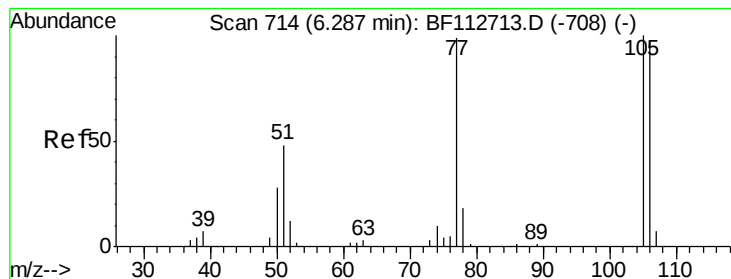


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 21.862 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

Instrument :

BNA_F

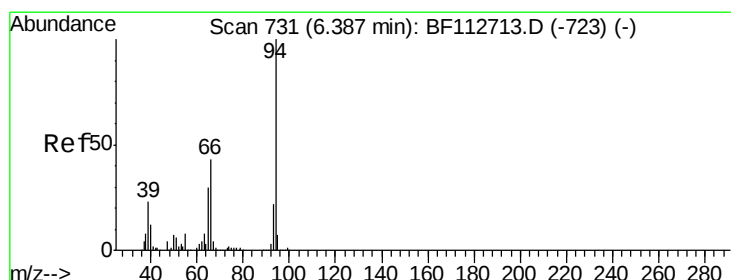
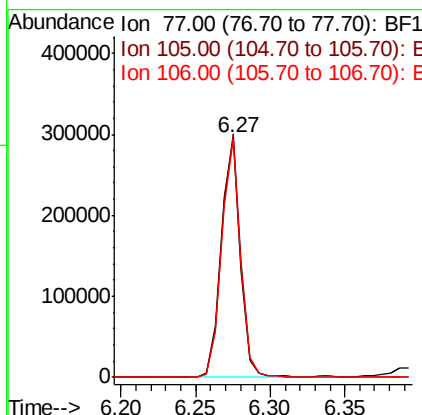
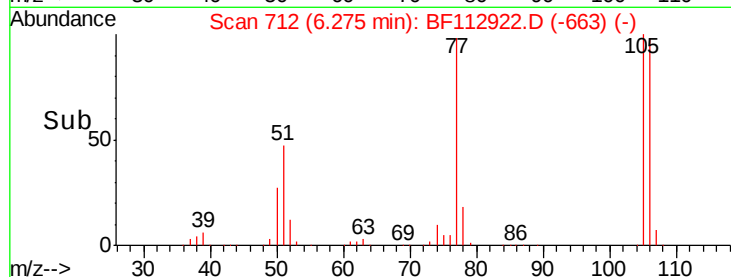
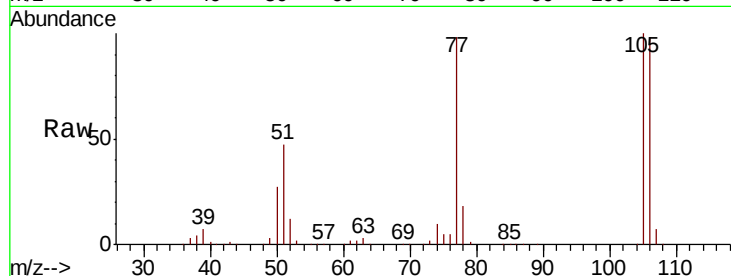
ClientSampleId :

TP-6CD-DMS

Tot Ion:	77	Resp:	267473
Ion	Ratio	Lower	Upper
77	100		
105	101.7	81.4	121.4
106	99.6	78.3	118.3

Manual Integrations
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#10

Phenol

Concen: 33.781 ng

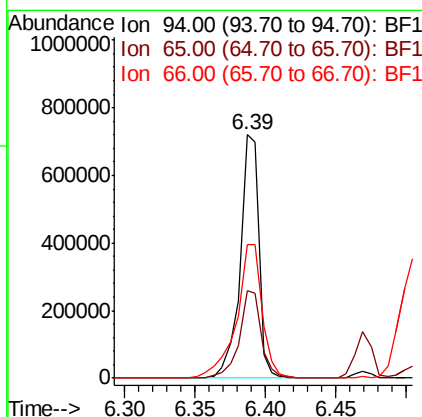
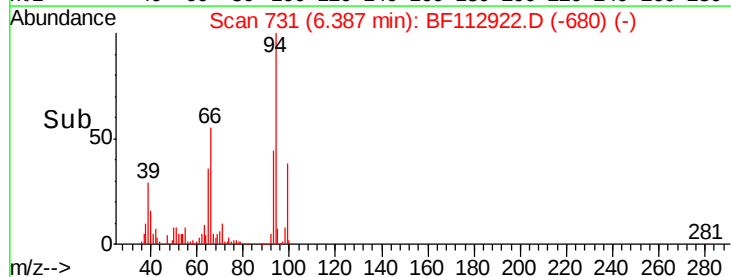
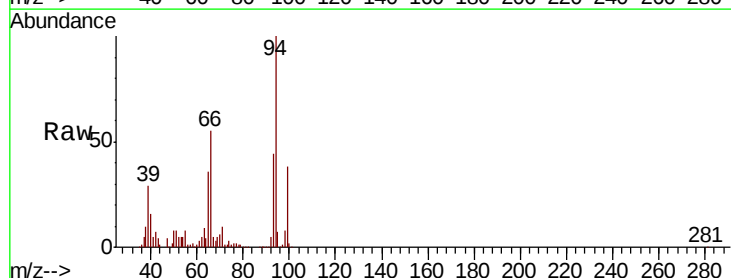
RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

Tgt Ion:	94	Resp:	669349
Ion	Ratio	Lower	Upper
94	100		
65	36.1	10.5	50.5
66	54.7	22.6	62.6





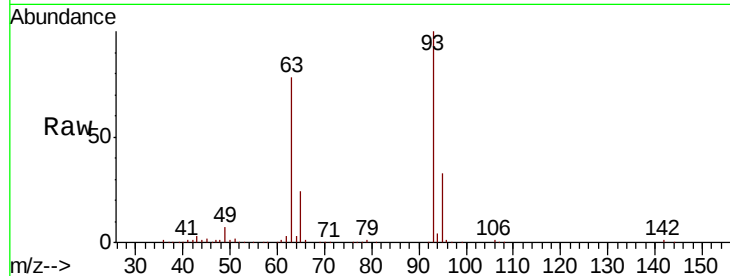
#11
bis(2-Chloroethyl)ether
Concen: 31.179 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMS

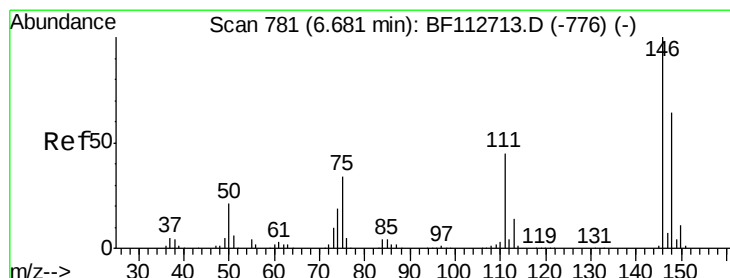
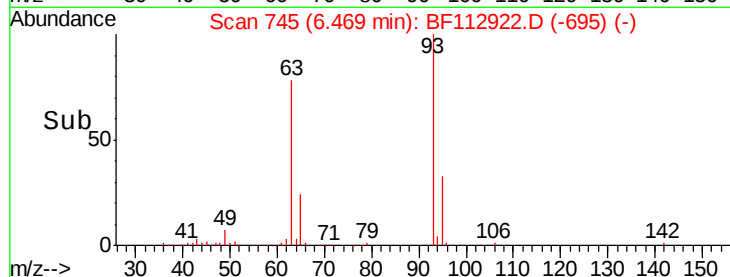
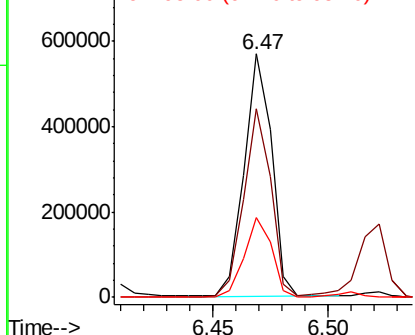
Tot Ion	Ratio	Lower	Upper
93	100		
63	77.7	60.5	100.5
95	32.8	12.1	52.1

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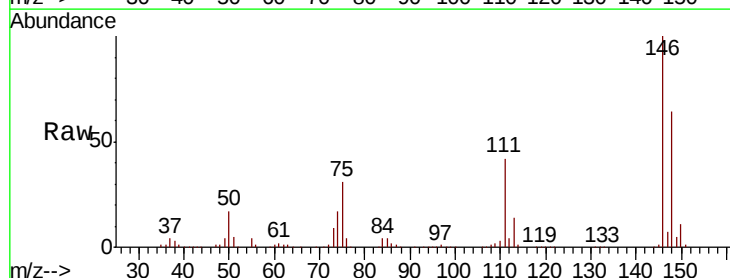


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

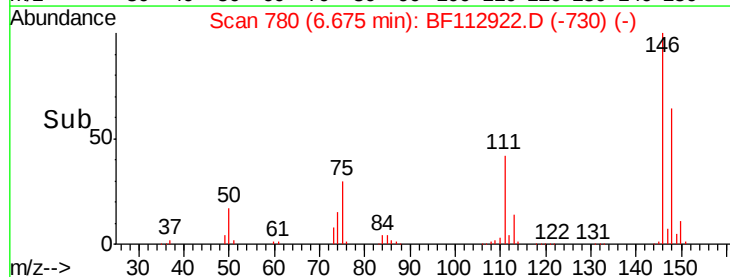
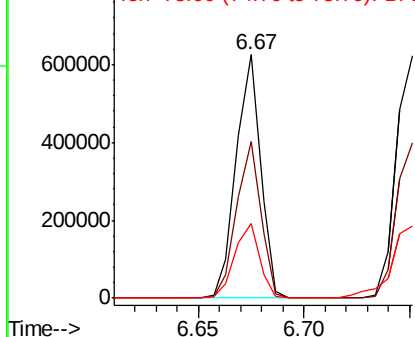


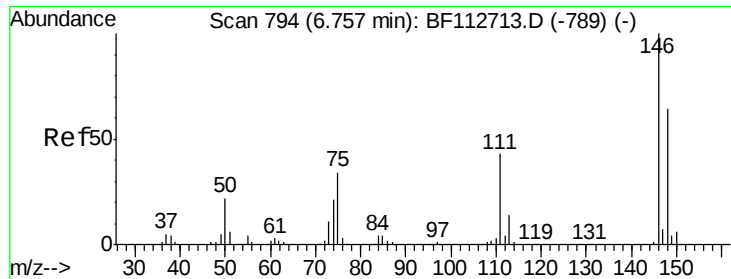
#12
1,3-Dichlorobenzene
Concen: 32.287 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.9	76.3
75	30.7	26.9	40.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





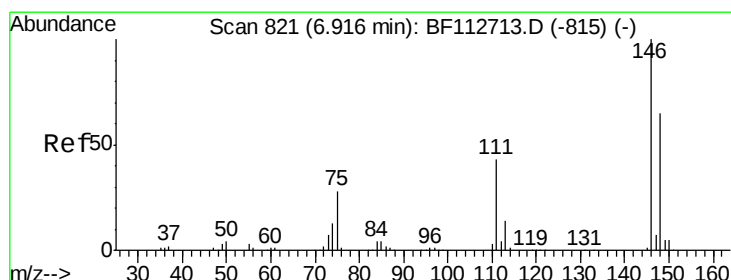
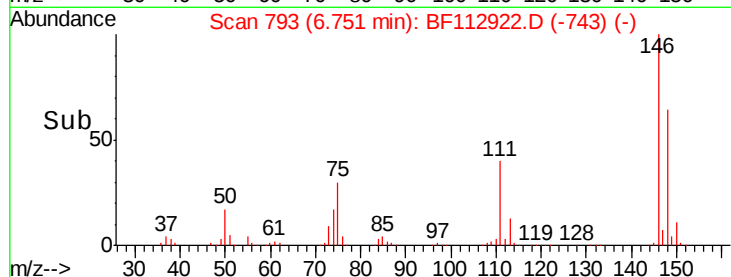
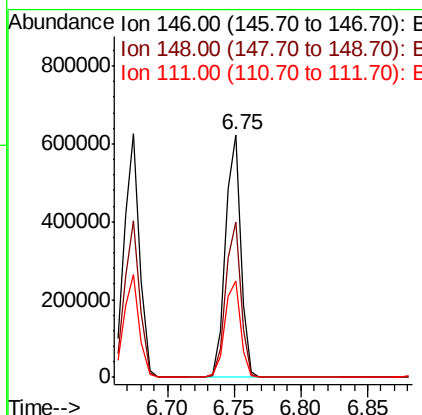
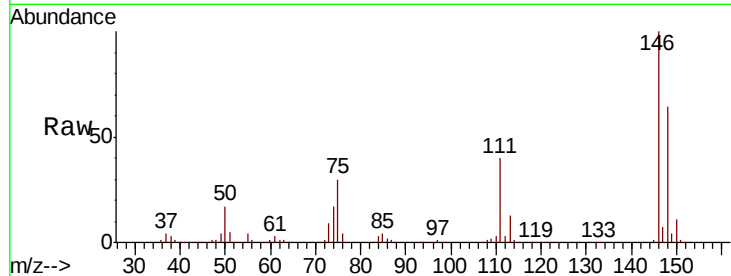
#13
 1,4-Dichlorobenzene
 Concen: 32.734 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-DMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.0	76.4
111	39.9	34.5	51.7

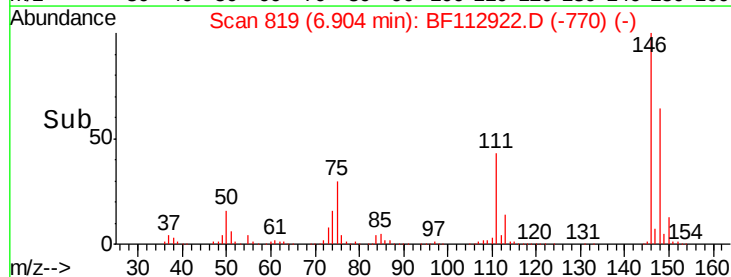
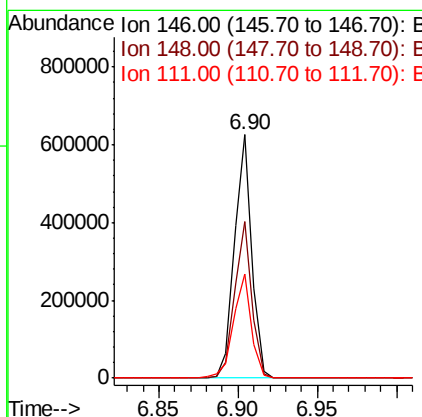
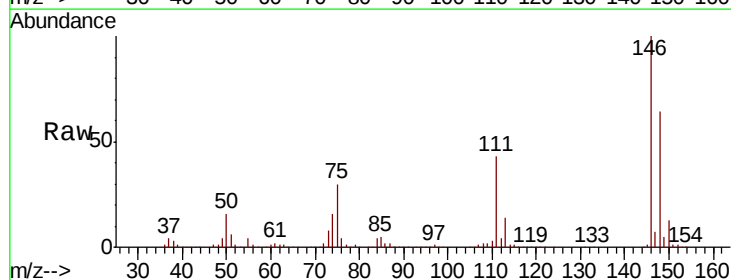
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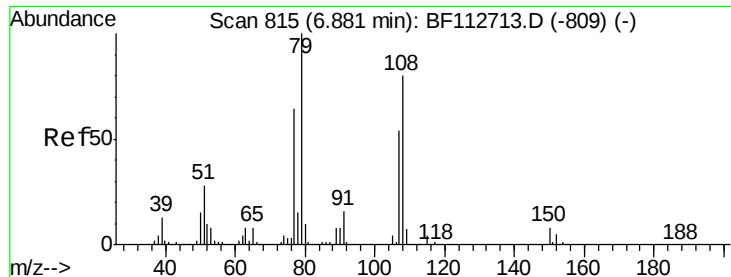
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#14
 1,2-Dichlorobenzene
 Concen: 33.285 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.0	78.0
111	42.9	34.8	52.2





#15

Benzyl Alcohol

Concen: 32.736 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

Instrument :

BNA_F

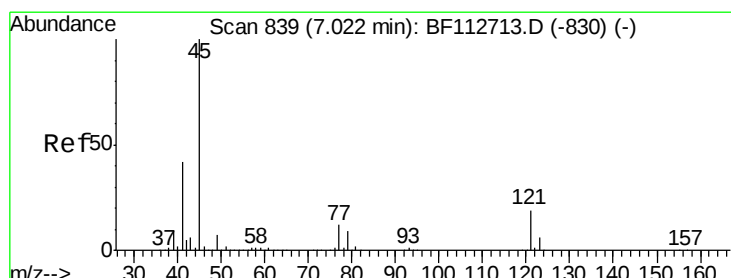
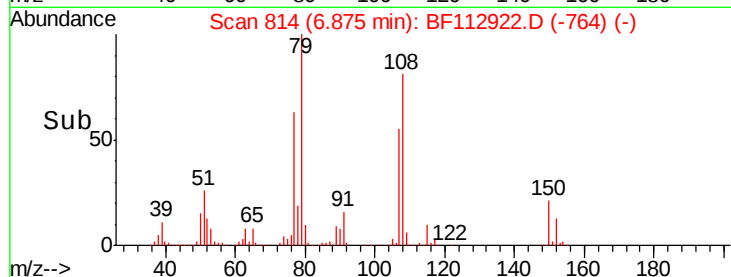
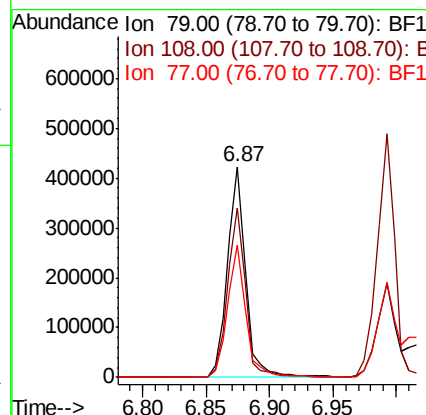
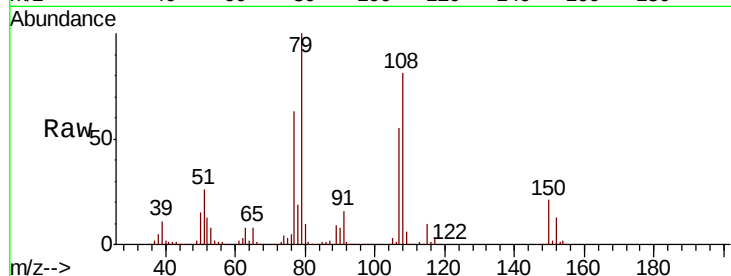
ClientSampleId :

TP-6CD-DMS

Tot Ion:	79	Resp:	423858
Ion Ratio	Lower	Upper	
79	100		
108	80.6	64.2	96.4
77	62.9	51.1	76.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 30.213 ng

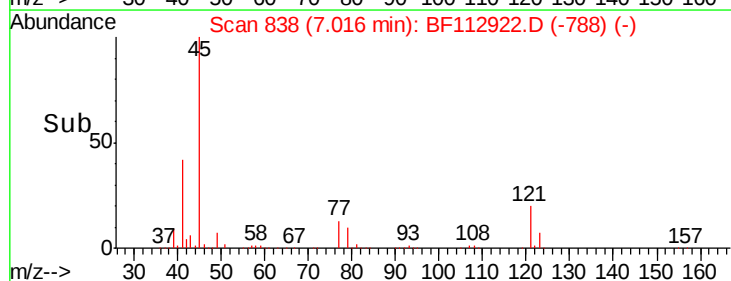
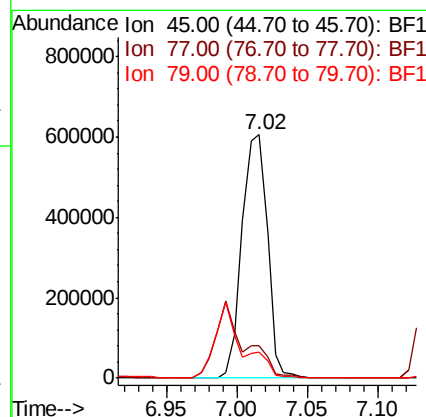
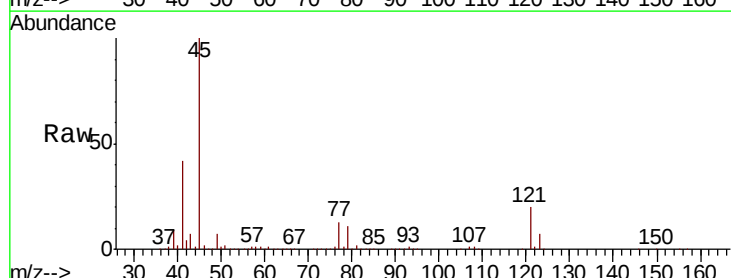
RT: 7.02 min Scan# 838

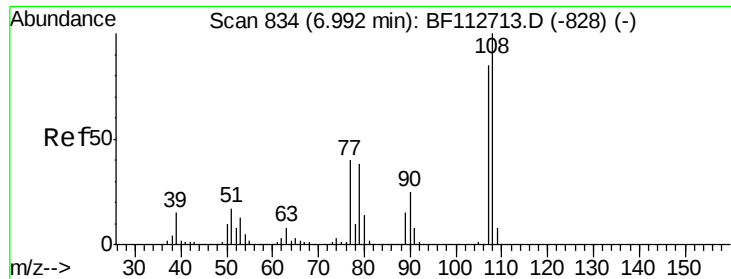
Delta R.T. -0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

Tgt Ion:	45	Resp:	766812
Ion Ratio	Lower	Upper	
45	100		
77	13.3	0.0	32.1
79	10.6	0.0	29.4





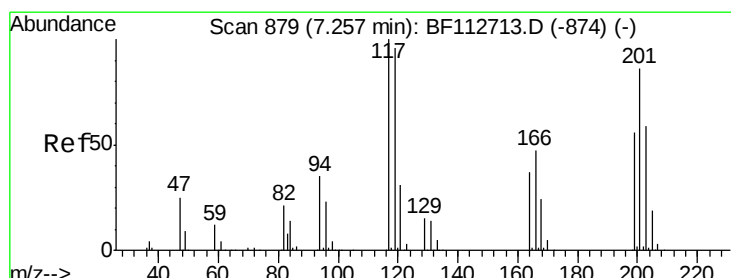
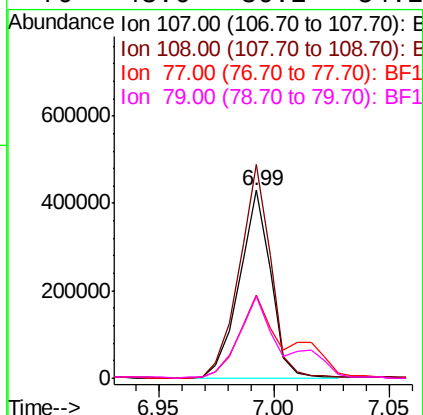
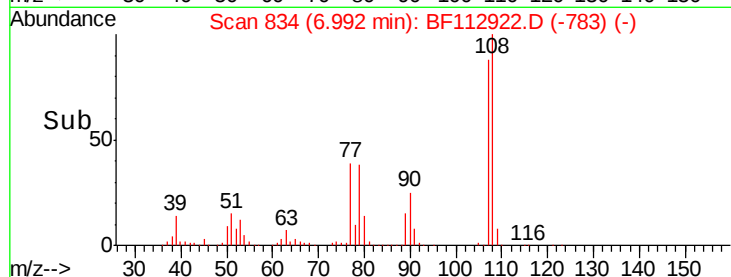
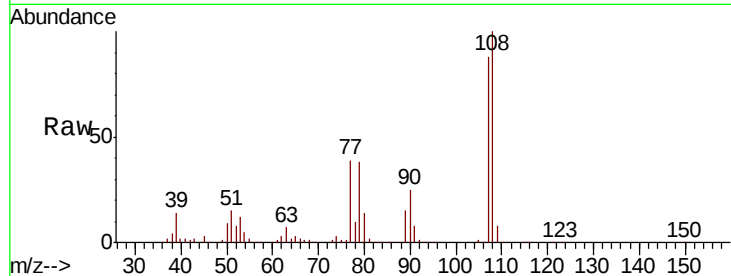
#17
2-Methylphenol
Concen: 33.444 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	94.6	142.0	
77	44.7	37.8	56.8	
79	43.6	36.2	54.2	

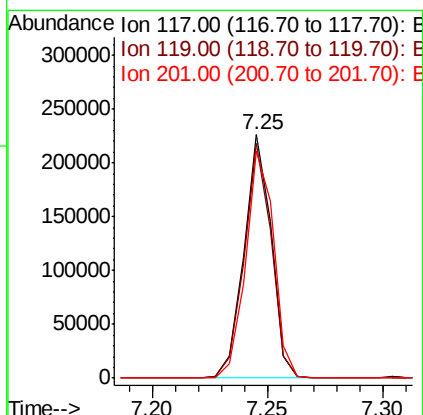
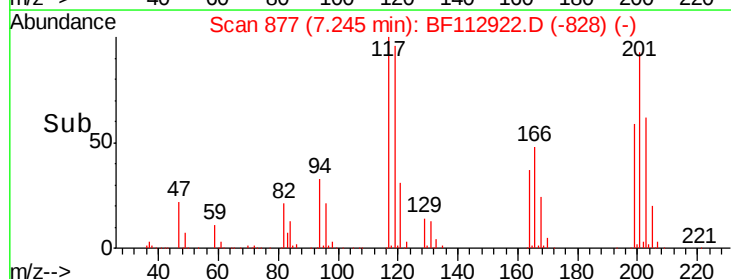
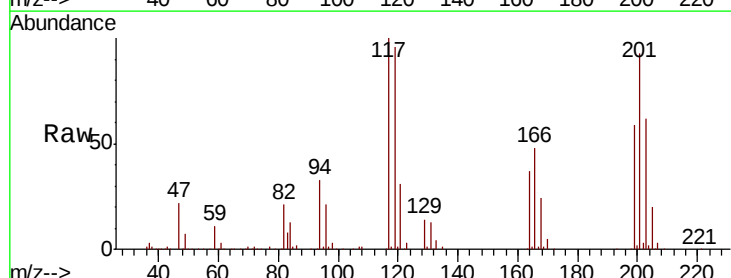
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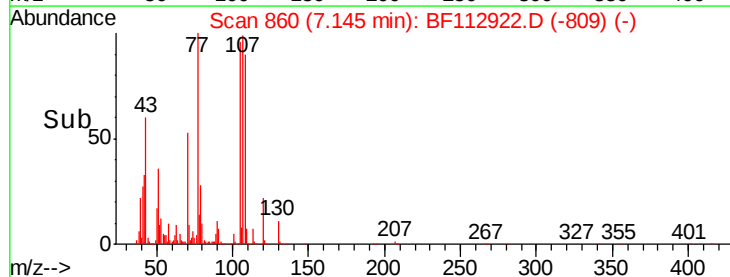
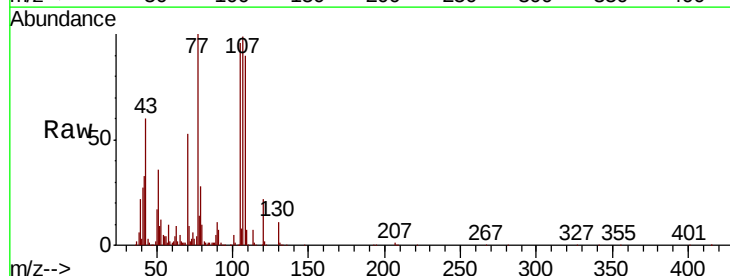
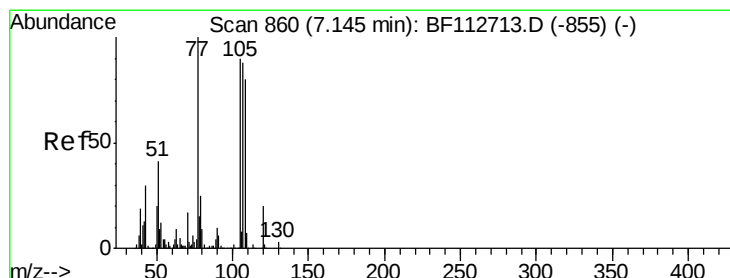
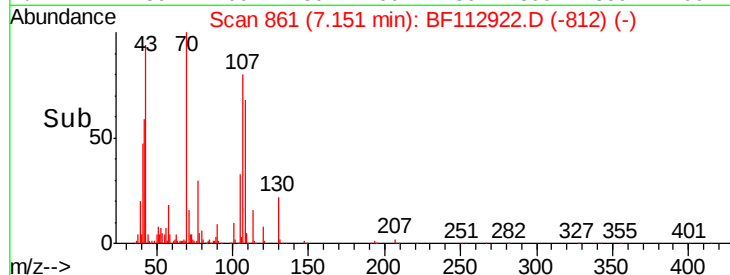
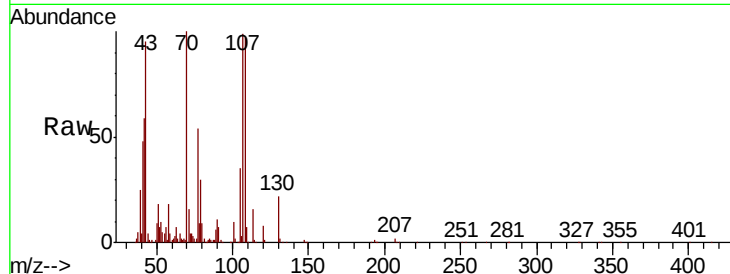
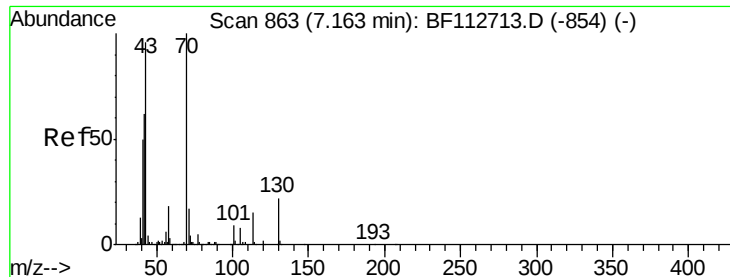
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#18
Hexachloroethane
Concen: 31.212 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

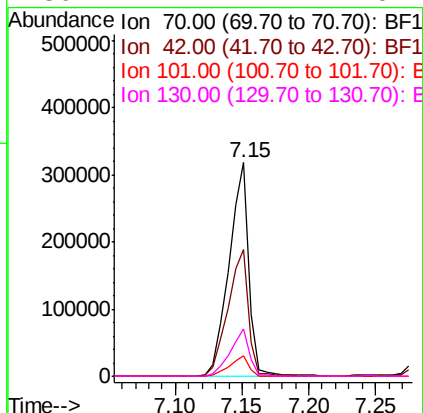
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	76.6	115.0	
201	93.4	68.9	103.3	





#19
n-Nitroso-di-n-propylamine
Concen: 31.014 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.2	49.9	74.9
101	9.8	7.4	11.2
130	22.1	17.4	26.2



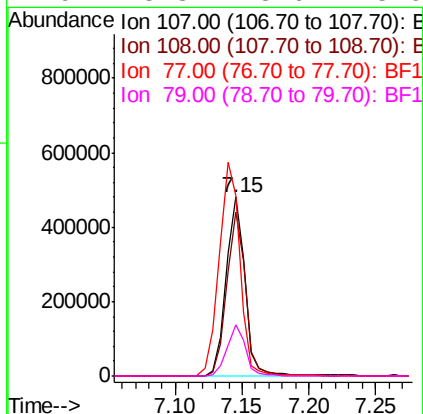
Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMS

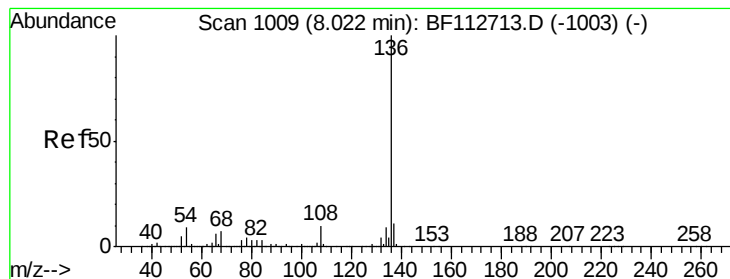
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#20
3+4-Methylphenols
Concen: 34.672 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.2	71.4	111.4
77	101.0	94.1	134.1
79	28.3	8.6	48.6





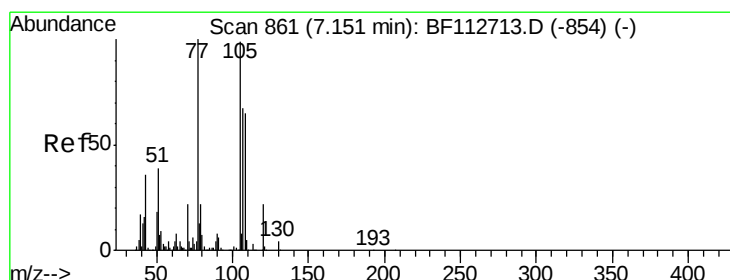
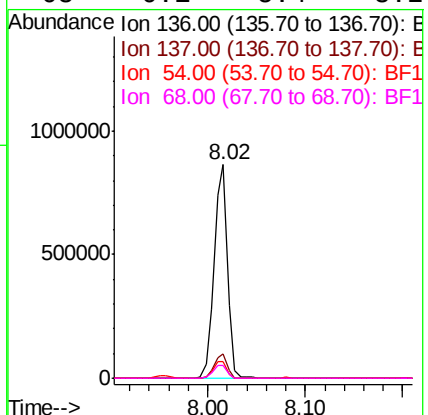
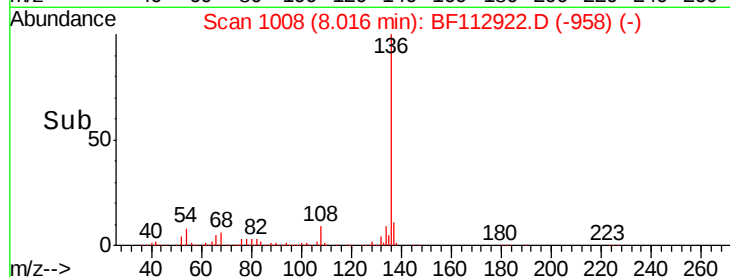
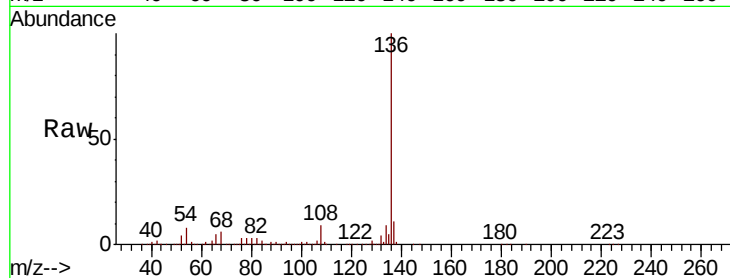
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	811634		
137	11.2		8.9	13.3
54	7.6		7.3	10.9
68	6.1		5.4	8.2

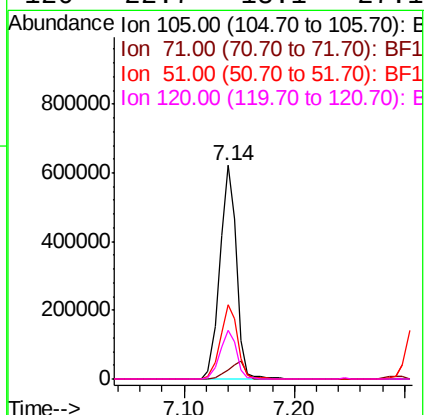
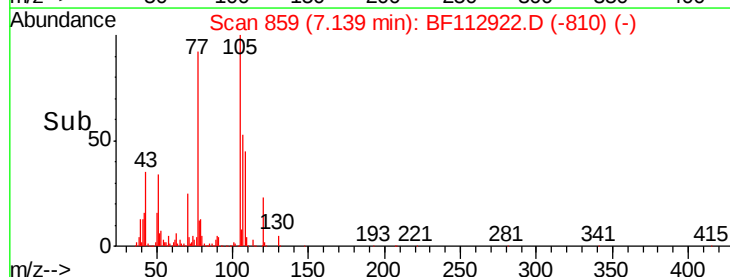
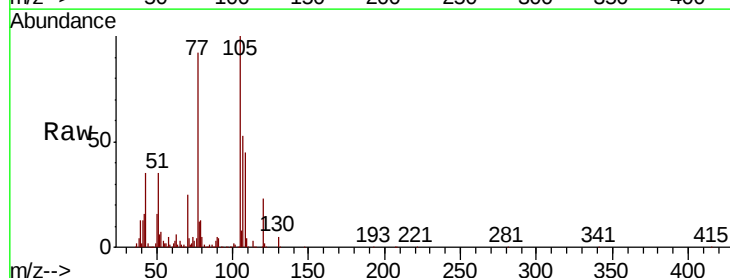
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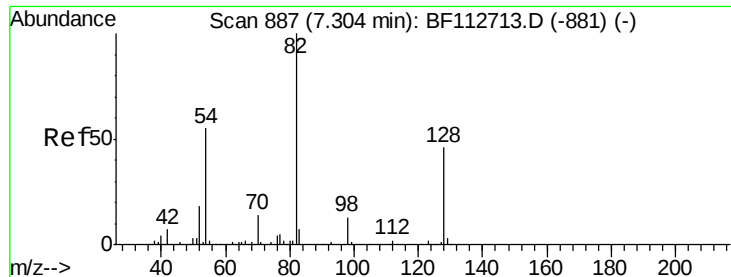
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#22
Acetophenone
Concen: 34.254 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	650074		
71	4.1		3.0	4.4
51	34.5		31.5	47.3
120	22.7		18.1	27.1





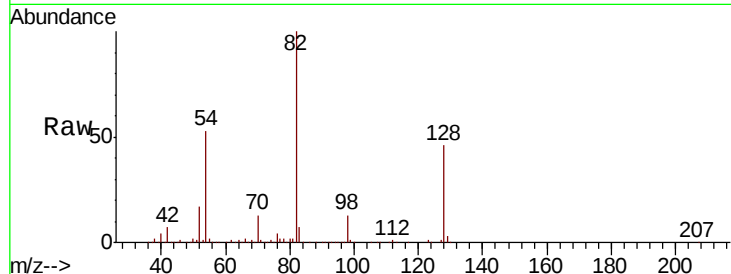
#23
 Nitrobenzene-d5
 Concen: 82.820 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-DMS

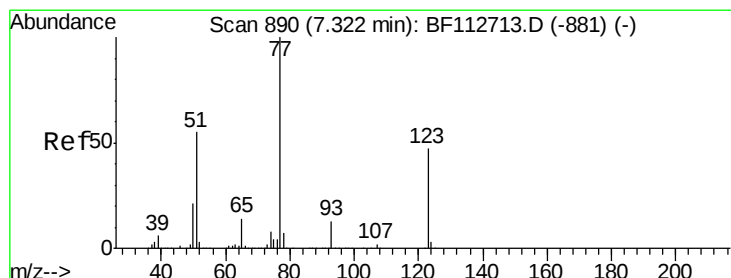
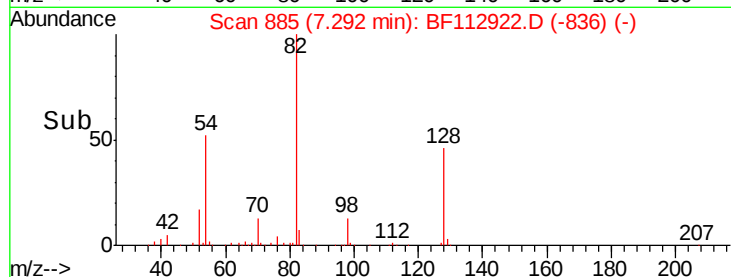
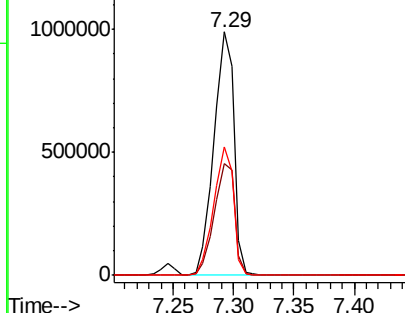
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.3	54.5
54	52.6	43.7	65.5

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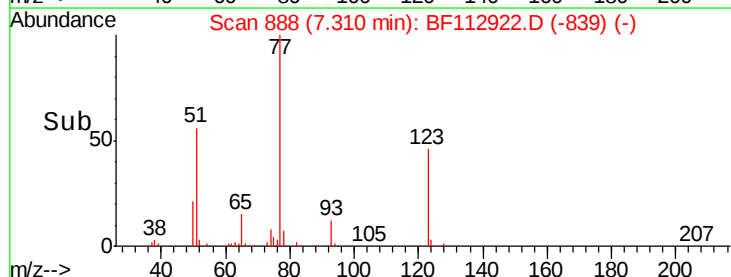
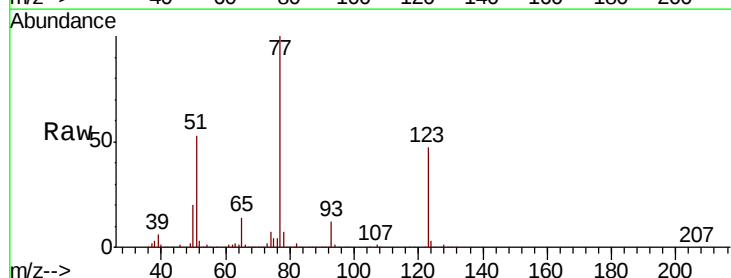
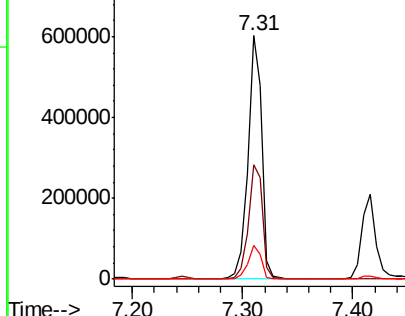
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 34.744 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.9	37.8	56.6
65	13.9	11.1	16.7

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: 33.457 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

Instrument :

BNA_F

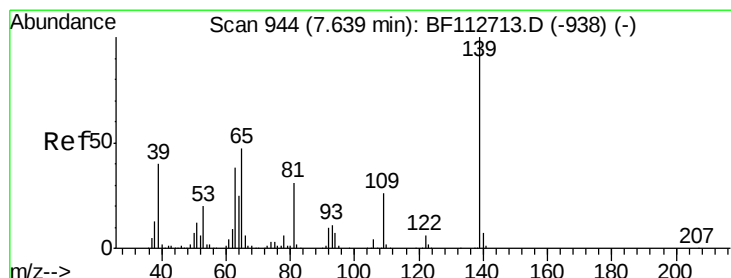
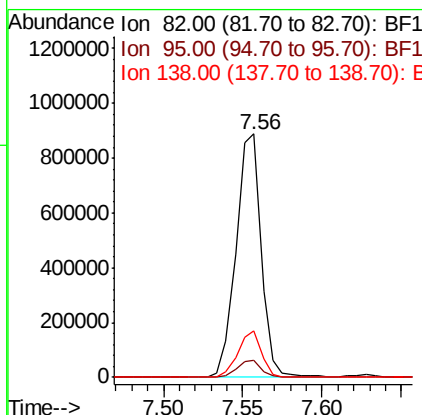
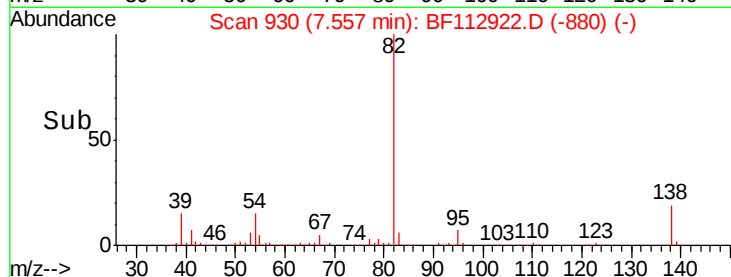
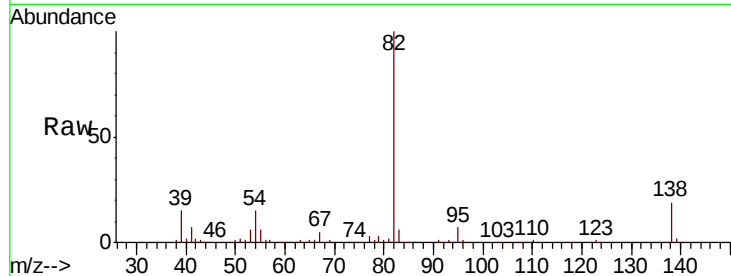
ClientSampleId :

TP-6CD-DMS

Tot Ion:	82	Resp:	977653
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	19.0	13.8	20.8

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#26

2-Nitrophenol

Concen: 43.074 ng

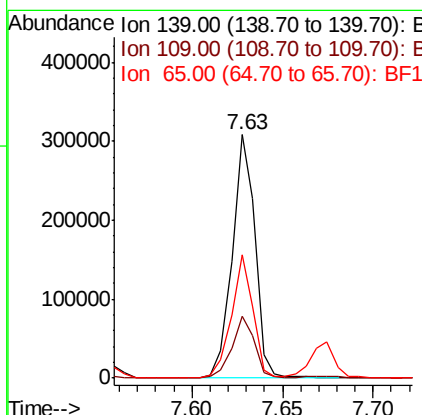
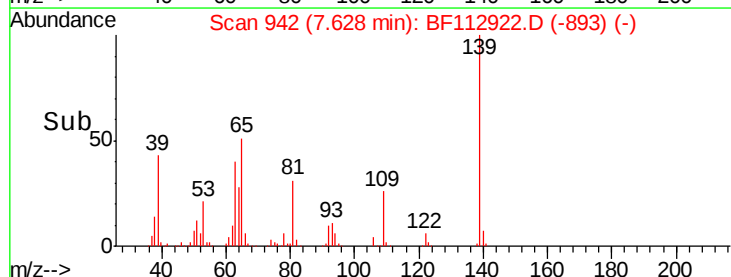
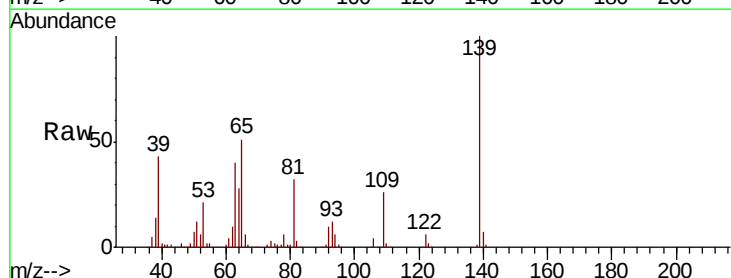
RT: 7.63 min Scan# 942

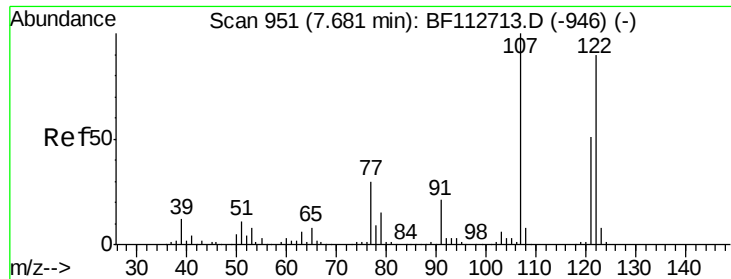
Delta R.T. -0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

Tgt Ion:	139	Resp:	270691
Ion Ratio	Lower	Upper	
139	100		
109	25.5	20.6	31.0
65	50.6	37.9	56.9





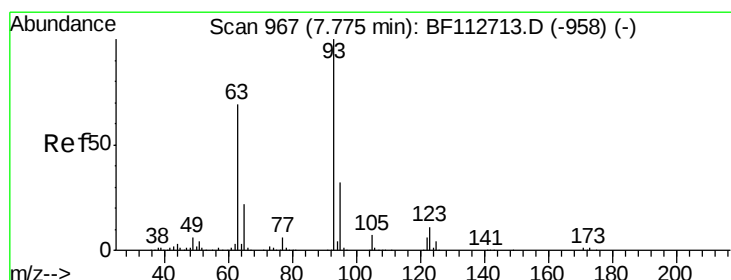
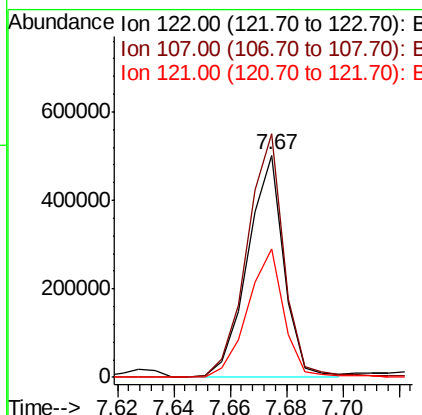
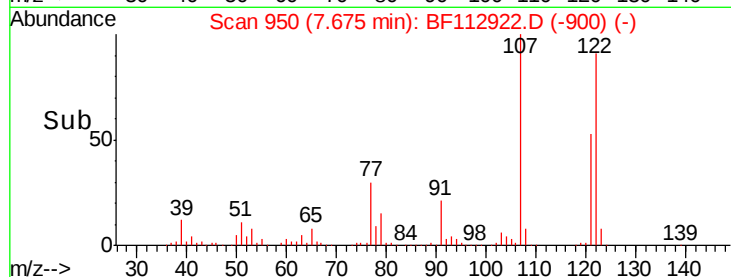
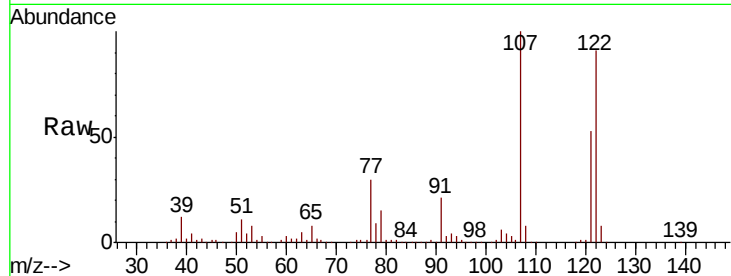
#27
2,4-Dimethylphenol
Concen: 38.459 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.5	89.4	134.0
121	57.5	45.5	68.3

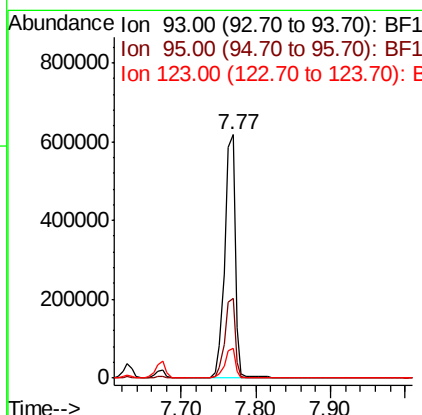
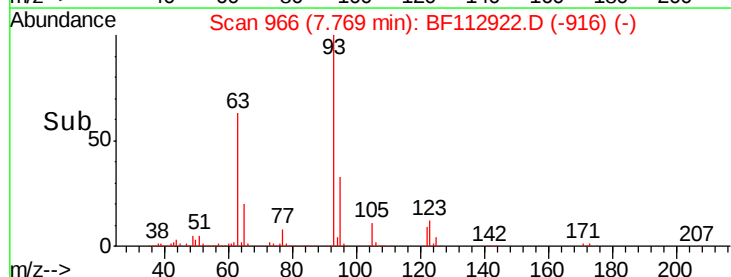
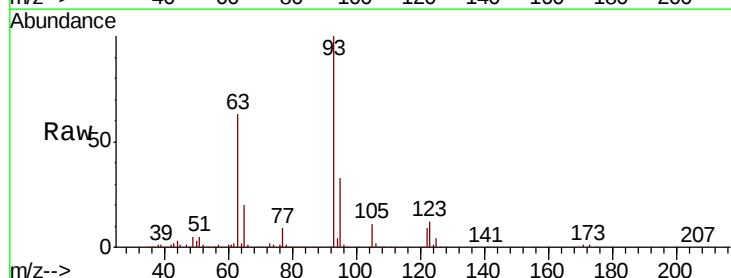
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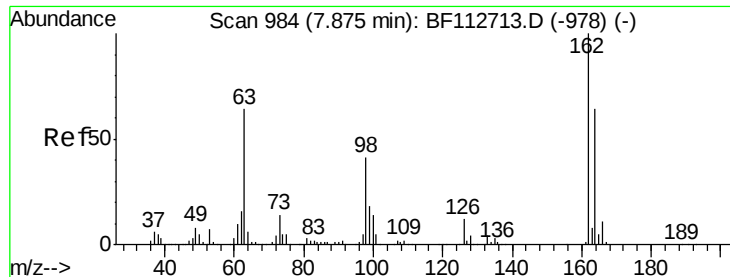
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 33.537 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.0	39.0
123	12.5	9.3	13.9





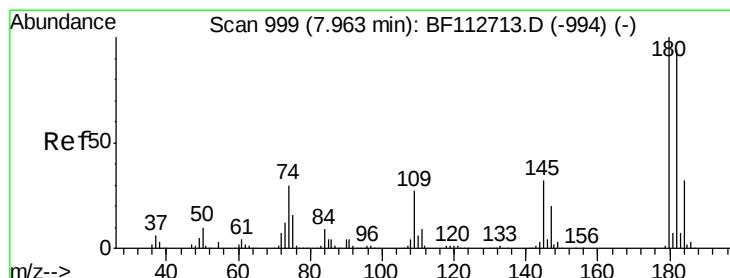
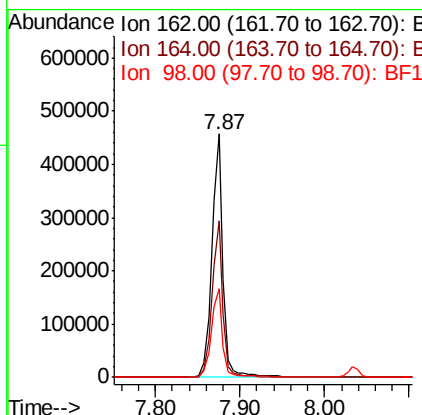
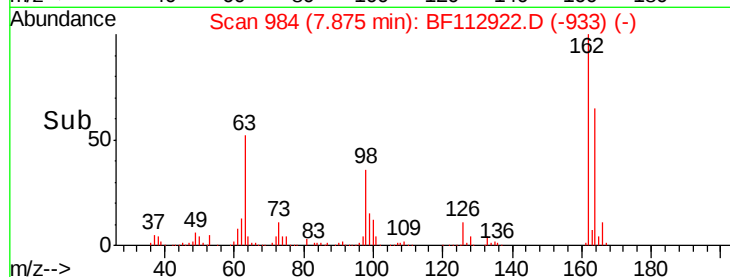
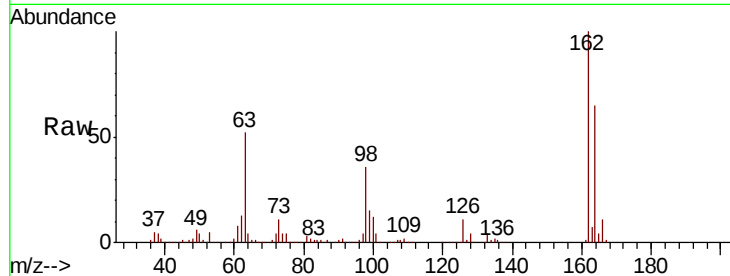
#29
2,4-Dichlorophenol
Concen: 37.683 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMS

Tot Ion:	162	Resp:	427241
Ion Ratio	Lower	Upper	
162	100		
164	64.5	44.0	84.0
98	36.2	20.7	60.7

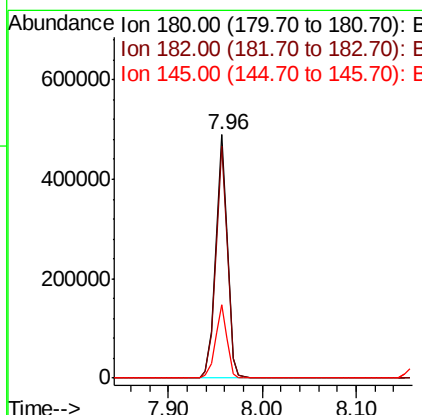
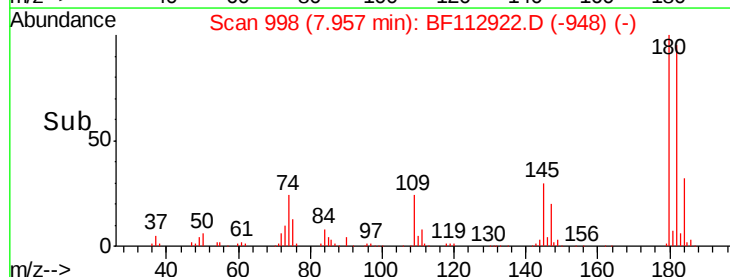
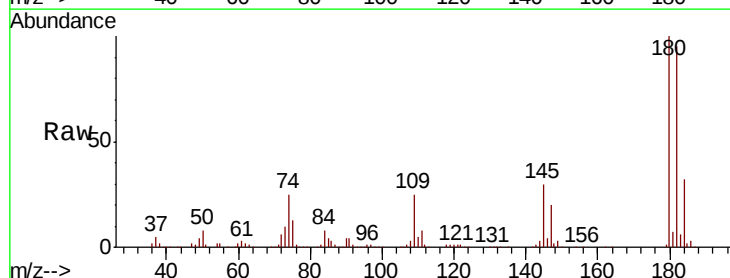
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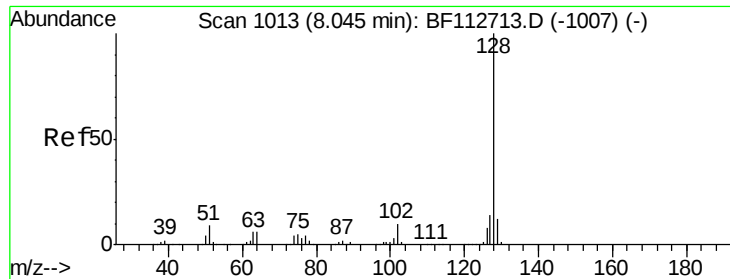
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#30
1,2,4-Trichlorobenzene
Concen: 36.064 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion:	180	Resp:	439348
Ion Ratio	Lower	Upper	
180	100		
182	95.5	75.2	112.8
145	30.0	25.4	38.0





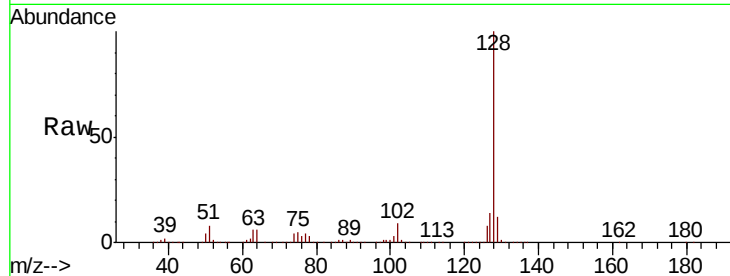
#31
Naphthalene
Concen: 34.492 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.5	10.9	16.3

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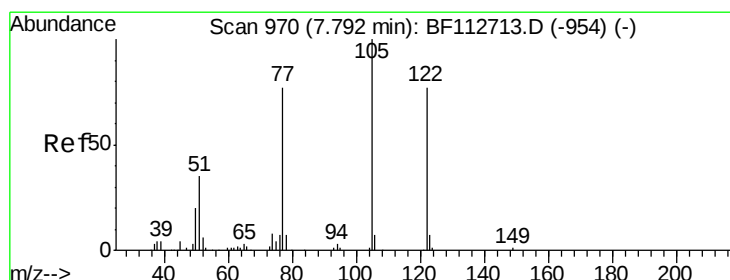
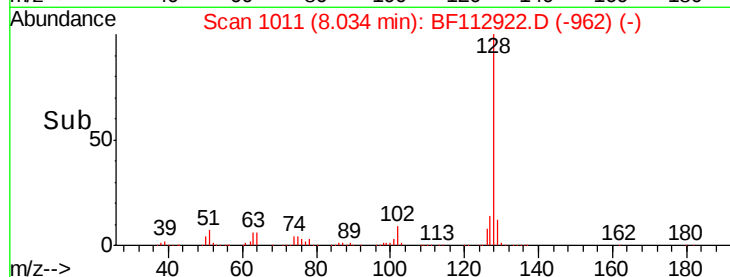
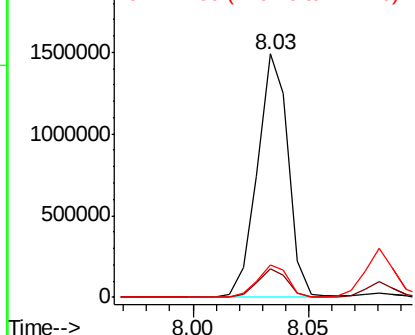


Abundance

Ion 128.00 (127.70 to 128.70): E

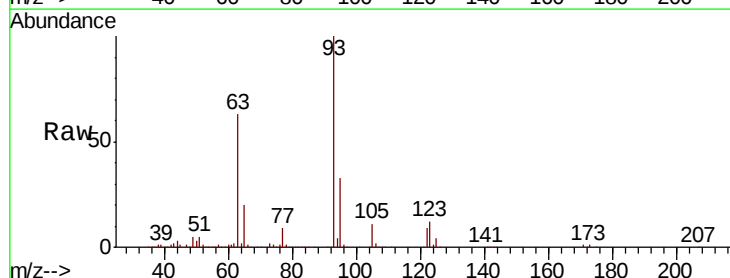
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 16.629 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.9	106.8	146.8
77	91.3	79.4	119.4

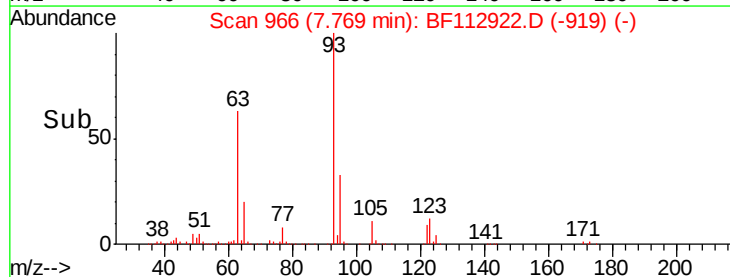
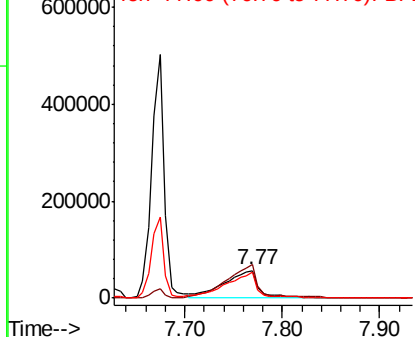


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





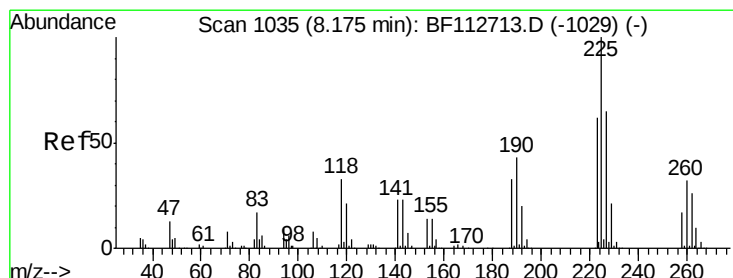
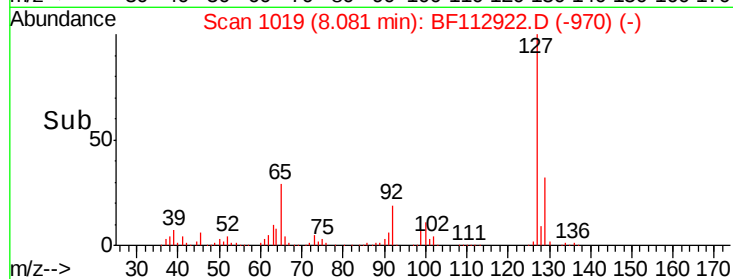
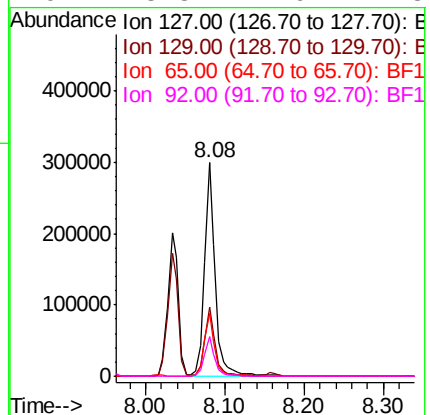
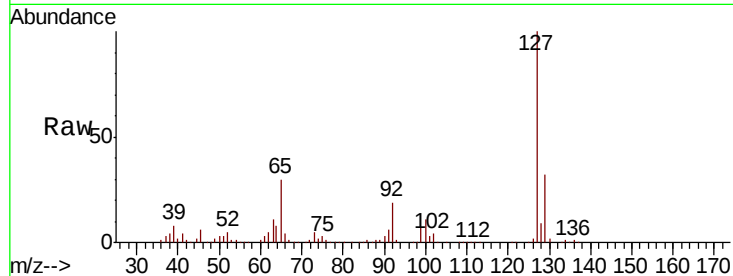
#33
4-Chloroaniline
Concen: 16.896 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMS

Tot Ion:	127	Resp:	288371
Ion Ratio	Lower	Upper	
127	100		
129	32.2	26.4	39.6
65	29.5	23.1	34.7
92	18.8	14.9	22.3

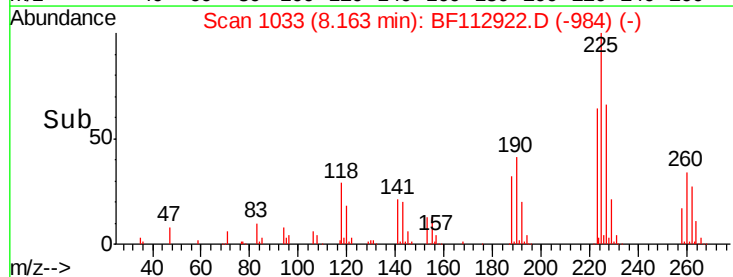
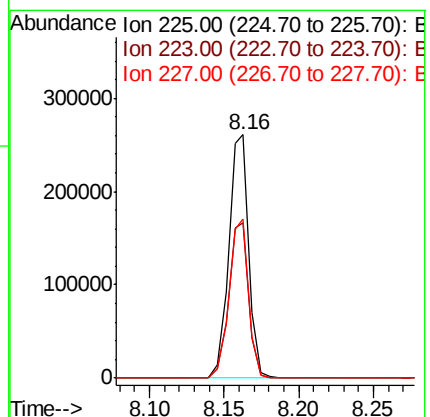
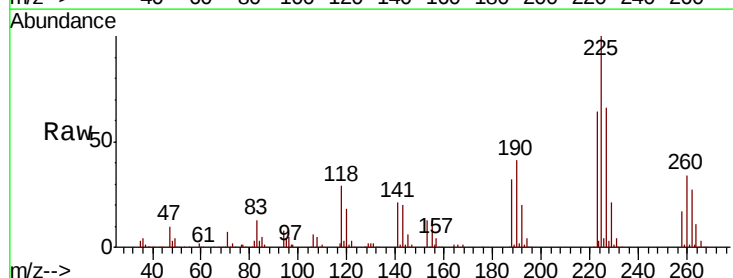
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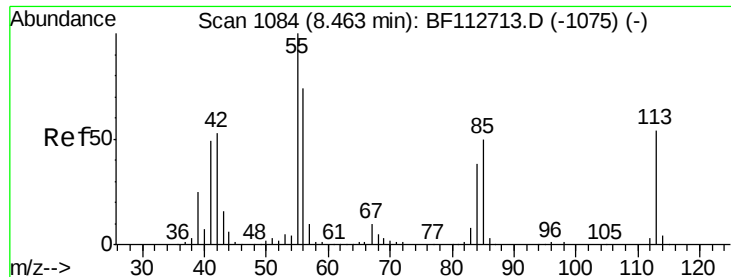
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#34
Hexachlorobutadiene
Concen: 36.046 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion:	225	Resp:	247649
Ion Ratio	Lower	Upper	
225	100		
223	63.6	49.7	74.5
227	65.6	52.1	78.1





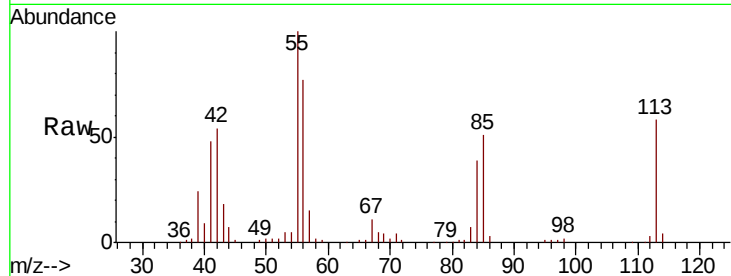
#35
Caprolactam
Concen: 37.425 ng/ml
RT: 8.45 min Scan# 1081
Delta R.T. -0.02 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMS

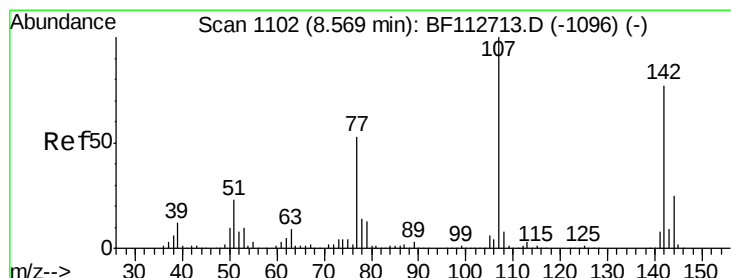
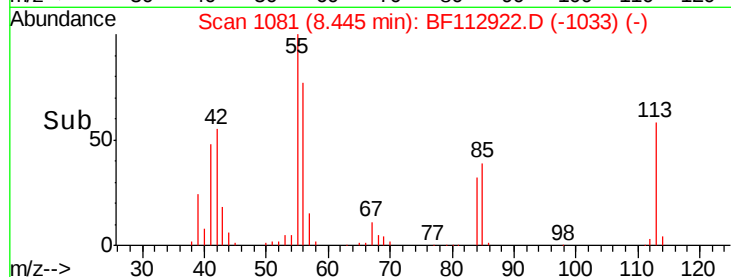
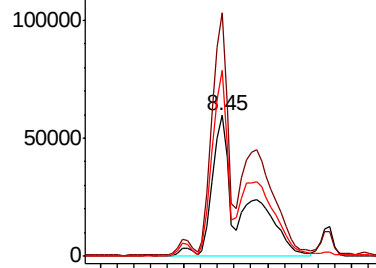
Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		149446		
55	172.9	163.5	203.5		
56	132.5	115.3	155.3		

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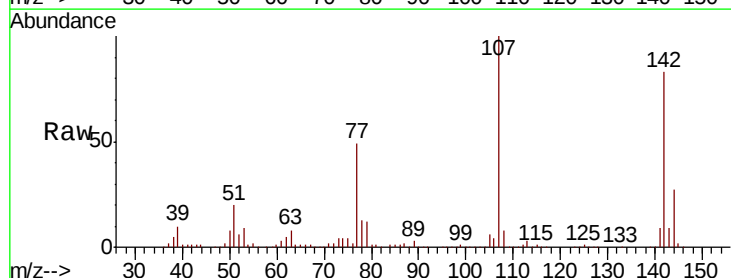


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

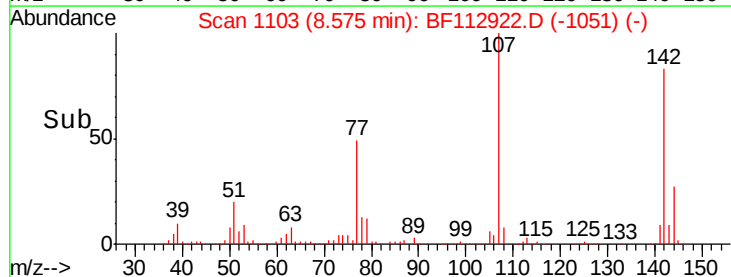
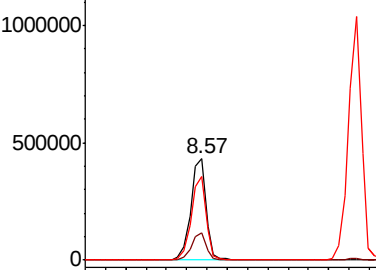


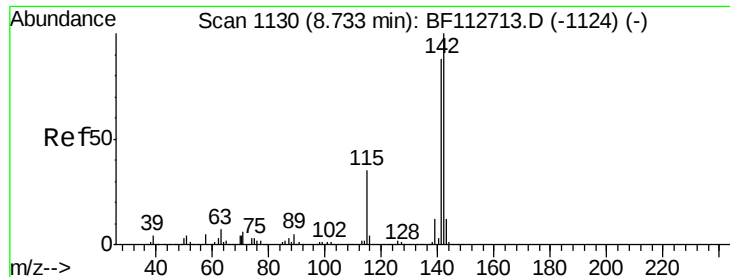
#36
4-Chloro-3-methylphenol
Concen: 36.029 ng/ml
RT: 8.57 min Scan# 1103
Delta R.T. 0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		452075		
144	27.1	20.1	30.1		
142	82.8	61.9	92.9		



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





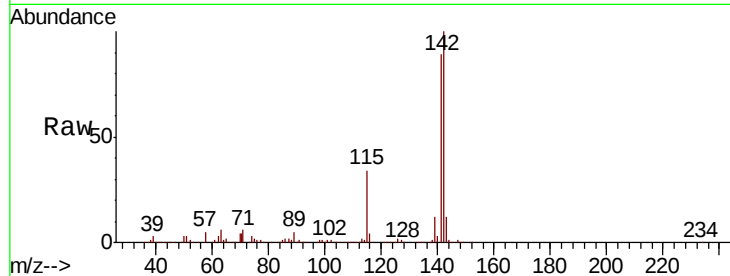
#37
2-Methylnaphthalene
Concen: 36.187 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.3	105.5
115	33.6	27.8	41.6

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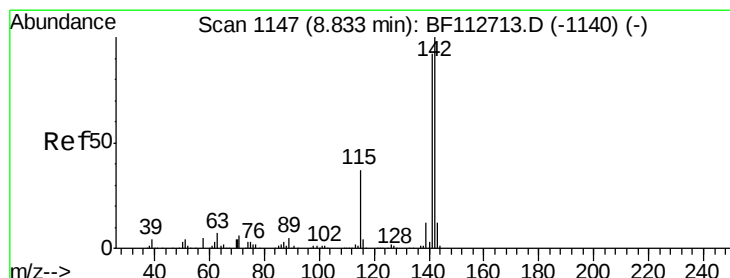
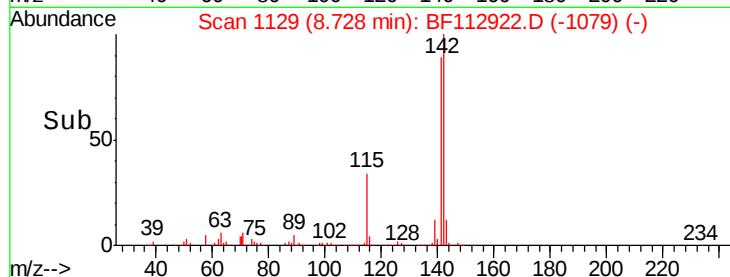
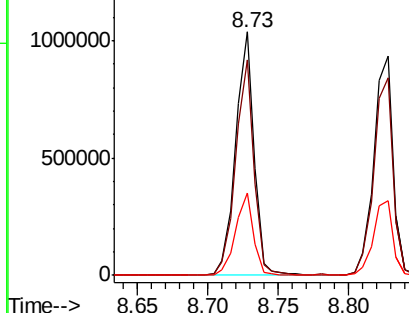


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 34.998 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

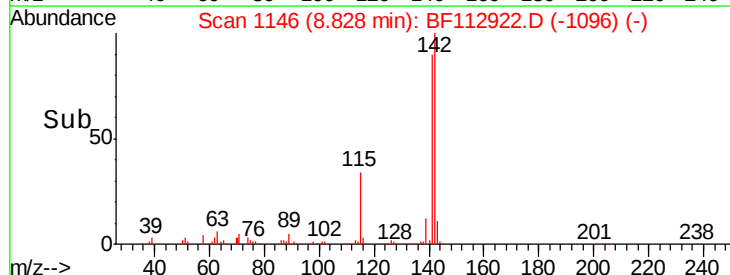
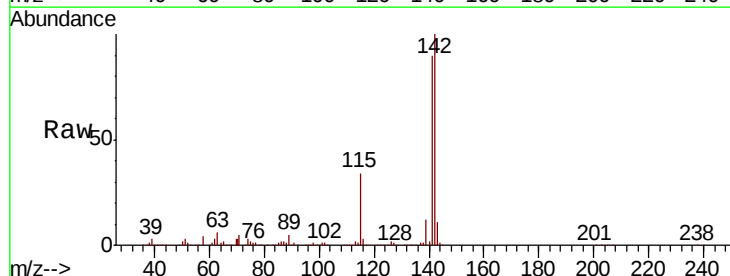
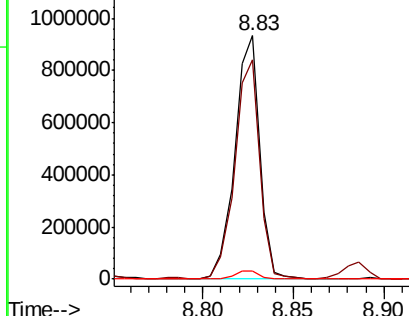
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.7	110.5
116	3.4	3.1	4.7

Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





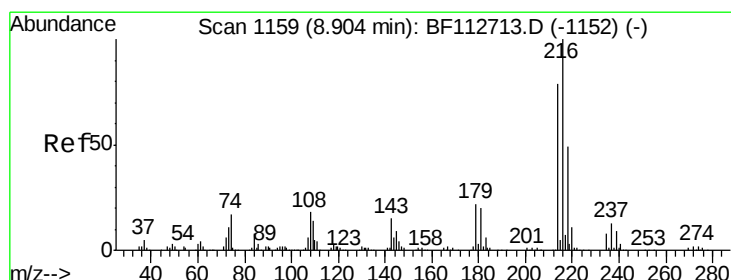
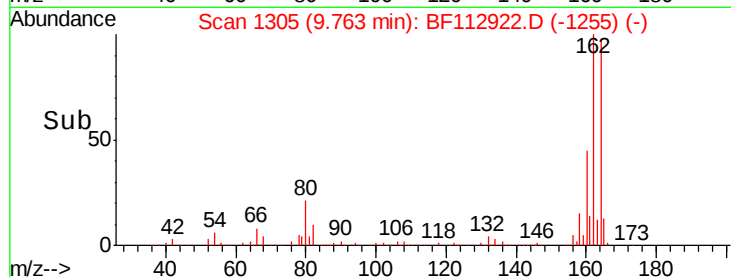
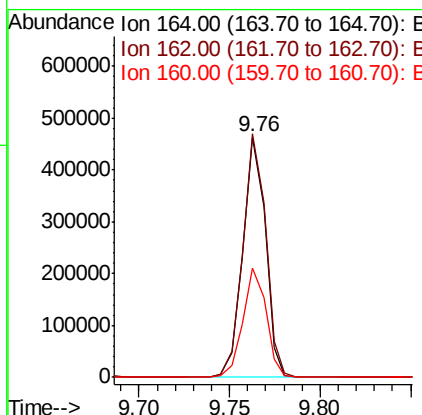
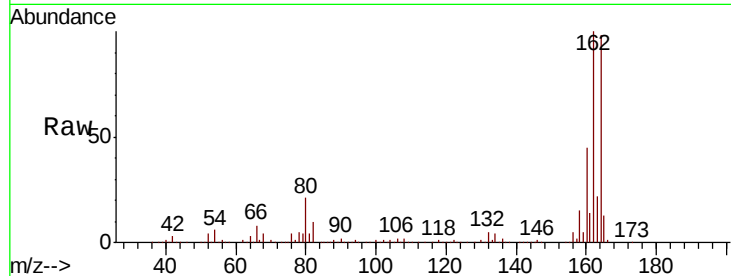
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.6	120.8
160	45.4	36.0	54.0

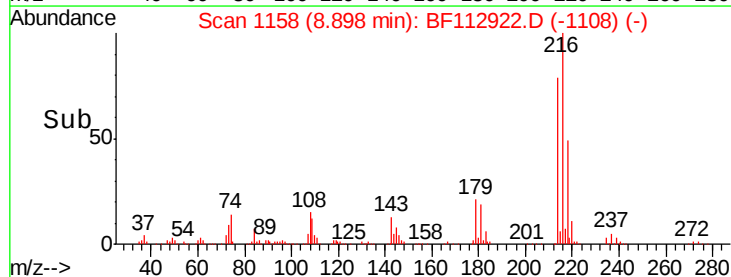
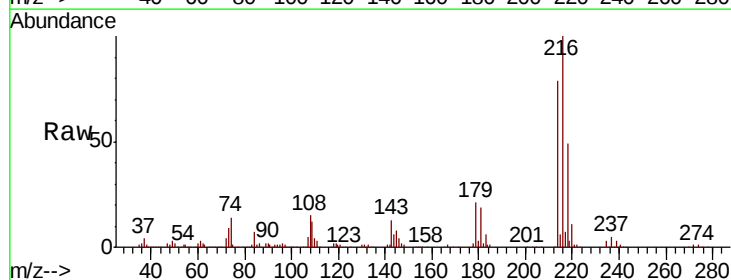
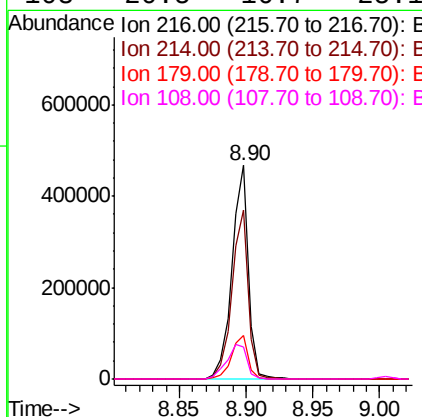
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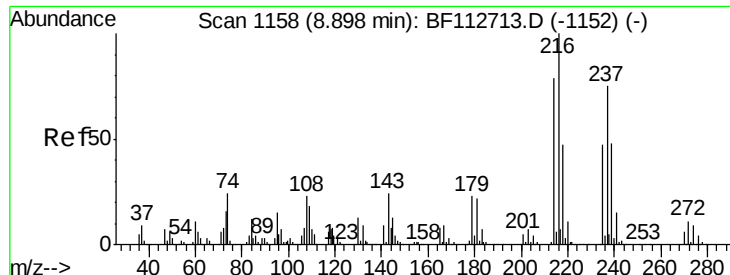
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.401 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.2	94.8
179	20.7	17.5	26.3
108	20.5	16.7	25.1





#41

Hexachlorocyclopentadiene

Concen: 75.894 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

Instrument :

BNA_F

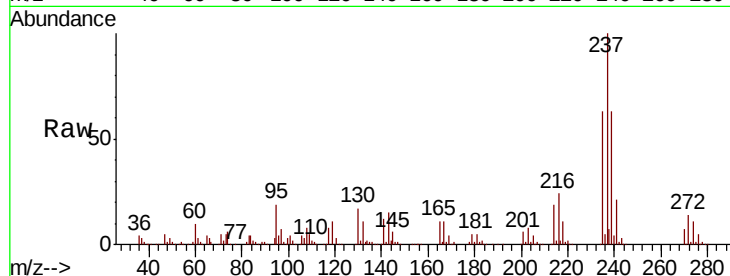
ClientSampleId :

TP-6CD-DMS

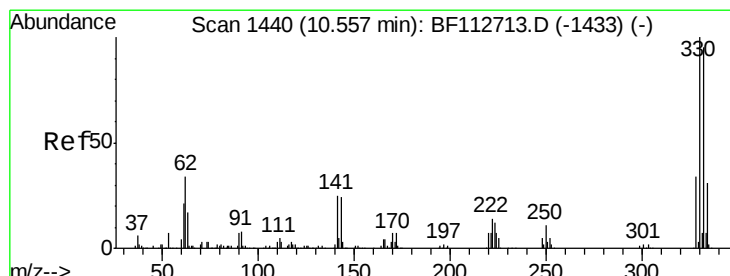
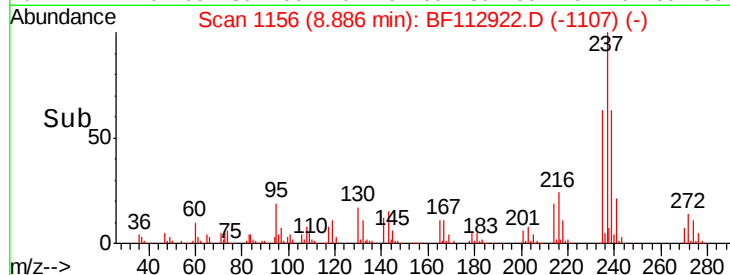
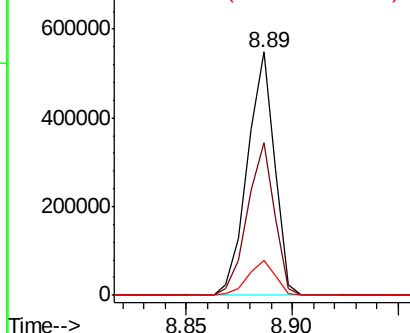
Tot Ion:	237	Resp:	489095
Ion Ratio	Lower	Upper	
237	100		
235	62.6	42.2	82.2
272	14.2	0.0	34.0

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



#42

2,4,6-Tribromophenol

Concen: 129.480 ng

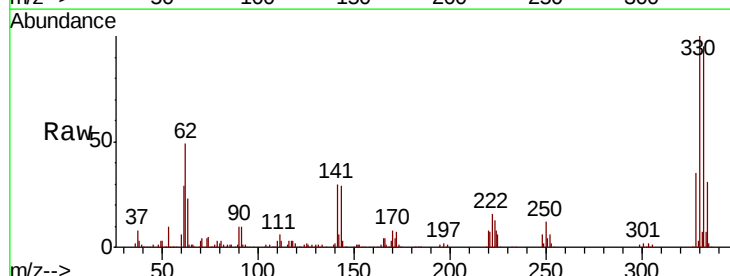
RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

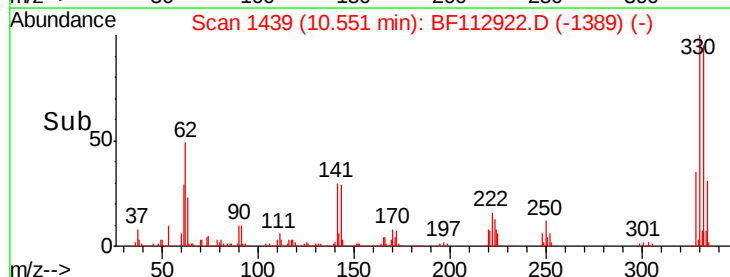
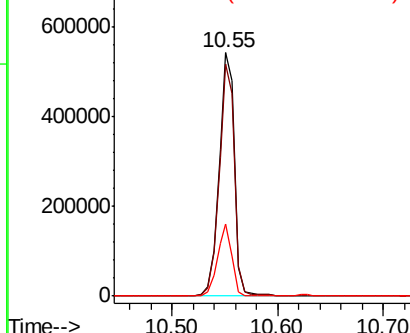
Lab File: BF112922.D

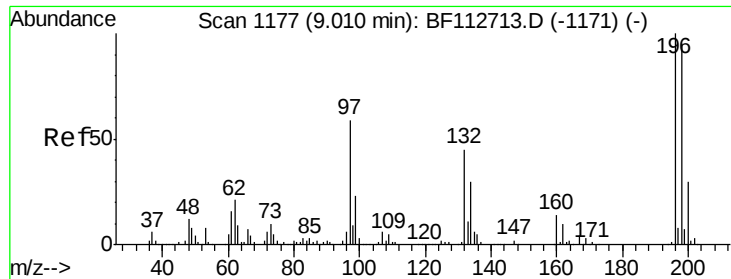
Acq: 7 Mar 2019 15:41

Tgt Ion:	330	Resp:	554742
Ion Ratio	Lower	Upper	
330	100		
332	95.3	76.2	114.4
141	28.2	27.0	40.6



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





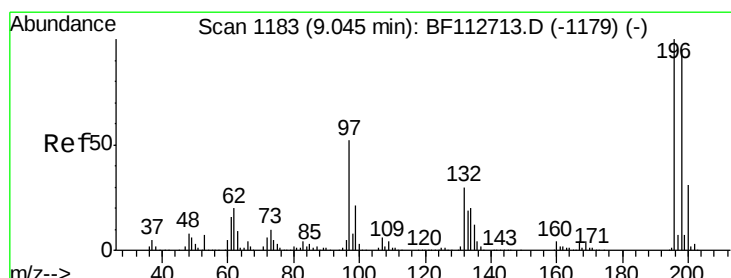
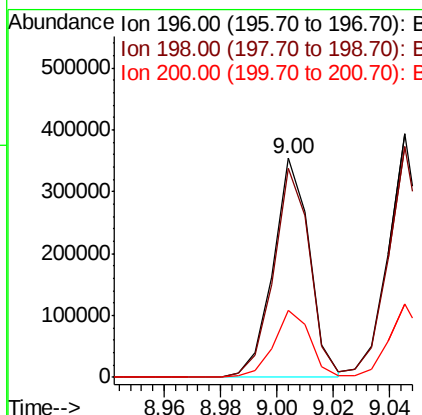
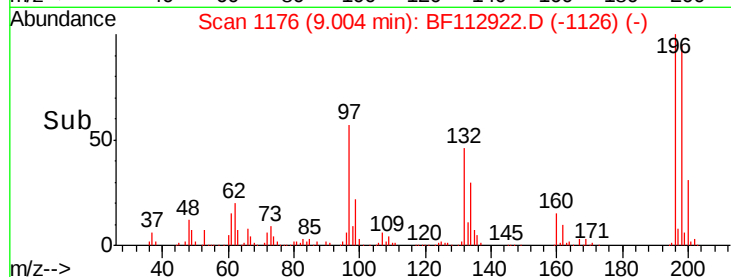
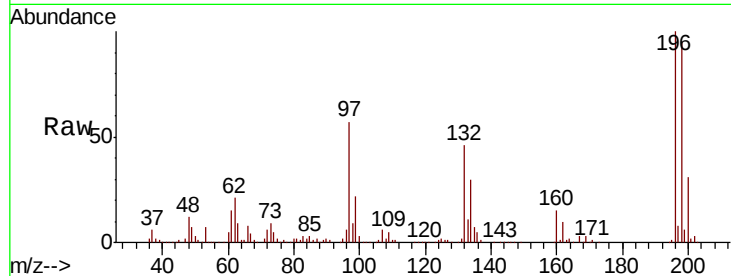
#43
 2,4,6-Trichlorophenol
 Concen: 38.917 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-DMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	315204		
198	95.3	75.8	113.8	
200	30.8	24.3	36.5	

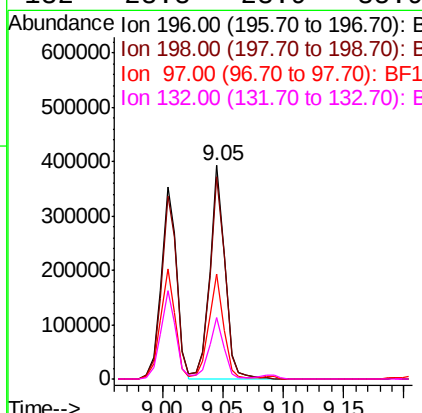
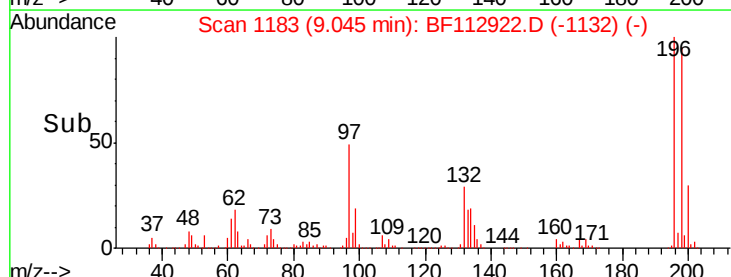
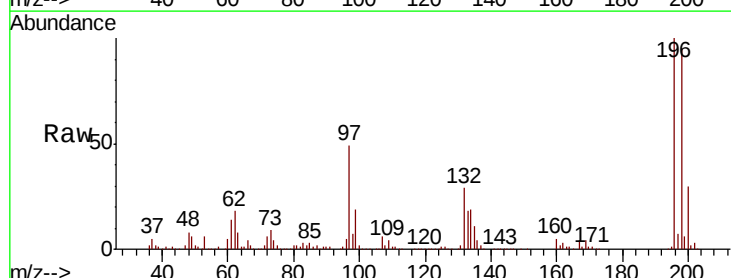
Manual Integrations
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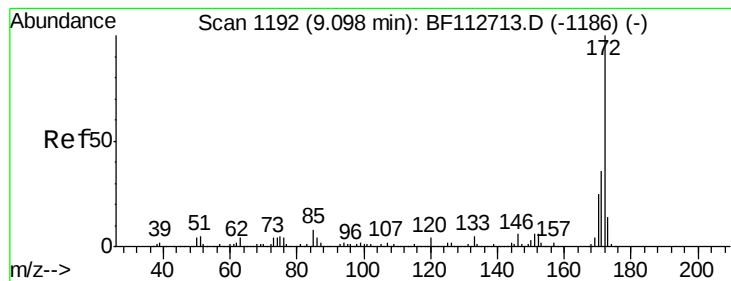
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#44
 2,4,5-Trichlorophenol
 Concen: 38.559 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	337567		
198	94.7	76.2	114.2	
97	49.0	41.5	62.3	
132	28.8	23.9	35.9	





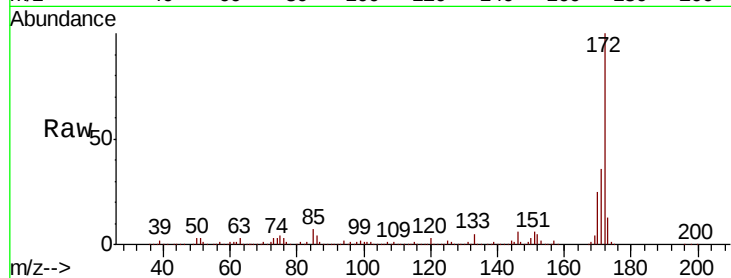
#45
2-Fluorobiphenyl
Concen: 65.685 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.2	29.0	43.4	
170	24.8	20.0	30.0	

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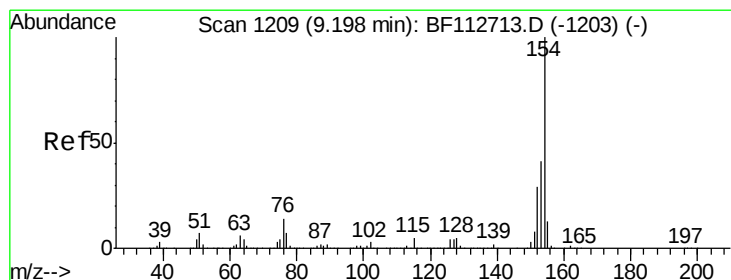
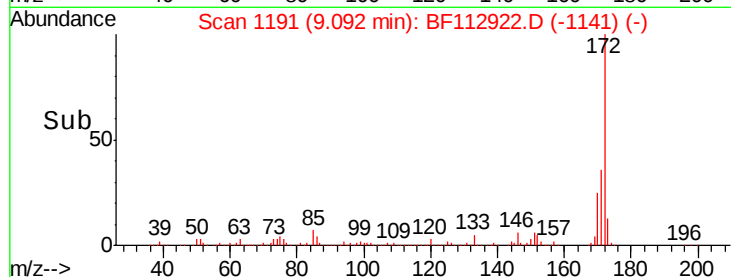
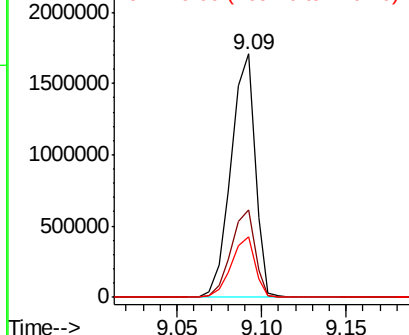


Abundance

Ion 172.00 (171.70 to 172.70): E

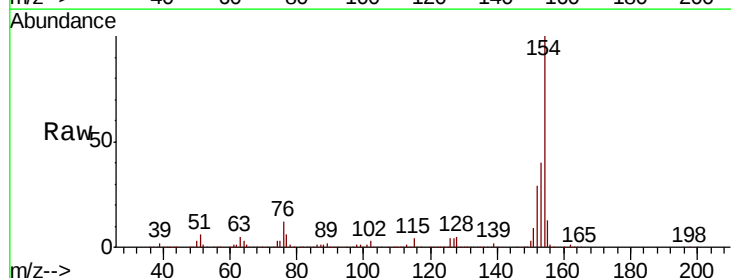
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 33.999 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	40.3	20.8	60.8	
76	11.8	0.0	33.8	

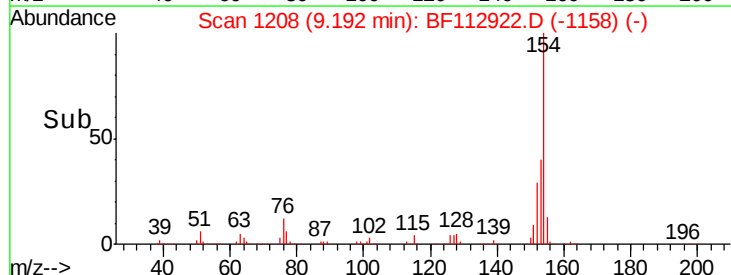
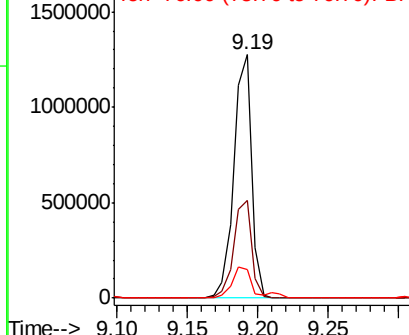


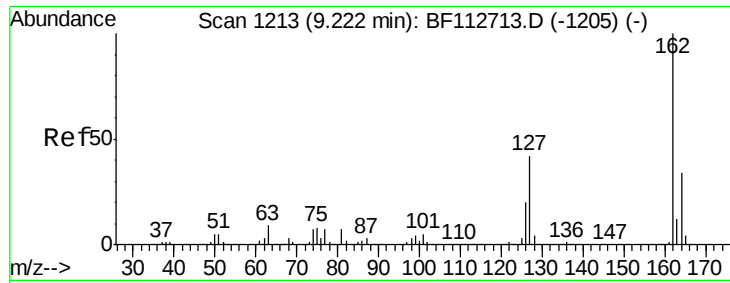
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





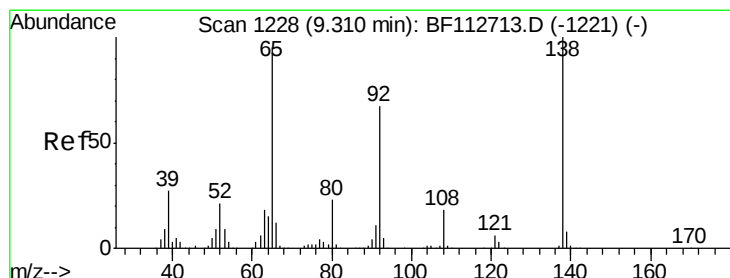
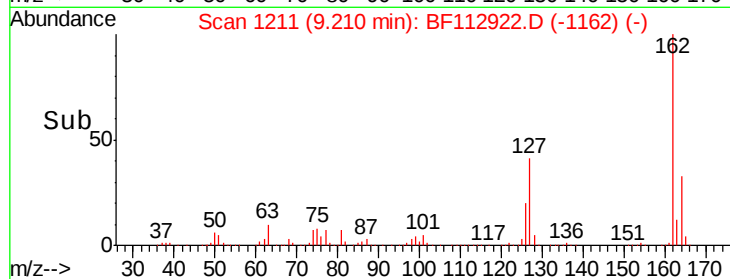
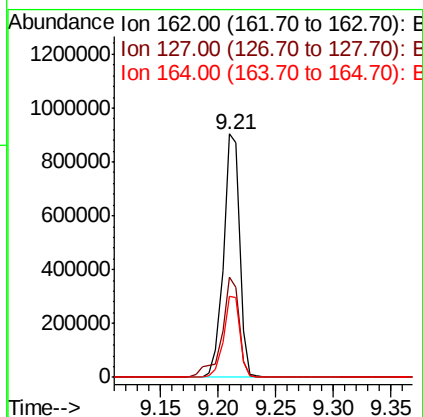
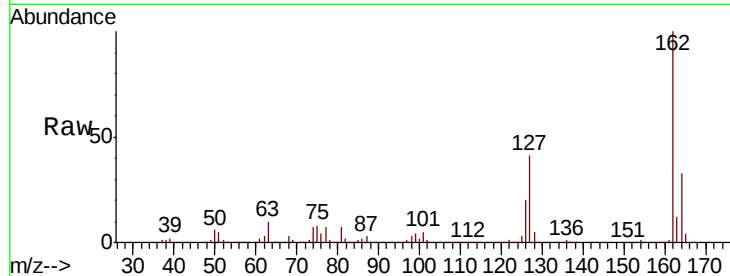
#47
 2-Chloronaphthalene
 Concen: 34.186 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-DMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	33.4	50.2
164	33.4	26.9	40.3

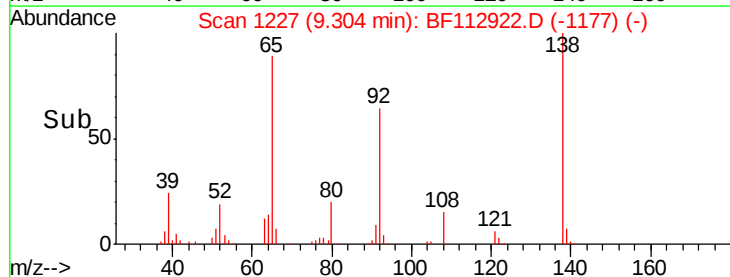
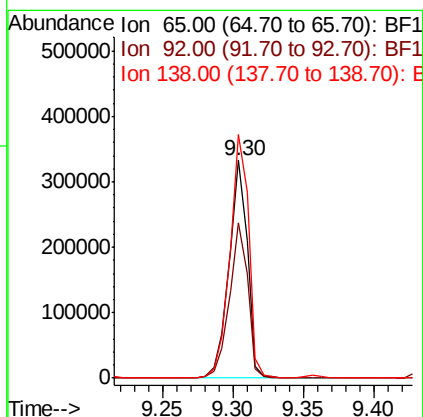
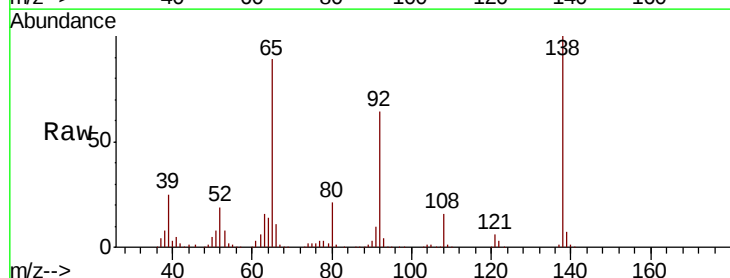
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#48
 2-Nitroaniline
 Concen: 38.654 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.5	56.4	84.6
138	111.8	84.6	126.8





#49

Acenaphthylene

Concen: 32.589 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

Instrument :

BNA_F

ClientSampleId :

TP-6CD-DMS

Tot Ion:152 Resp: 1422019

Ion Ratio Lower Upper

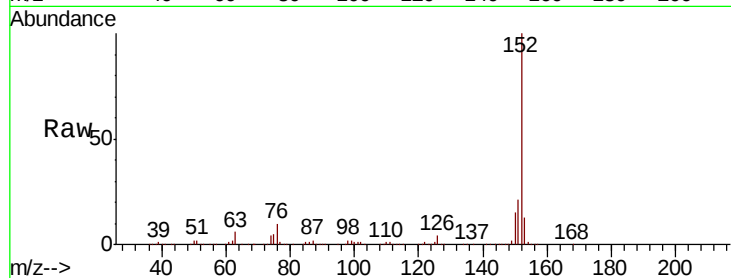
152 100

151 20.8 16.9 25.3

153 13.4 11.0 16.6

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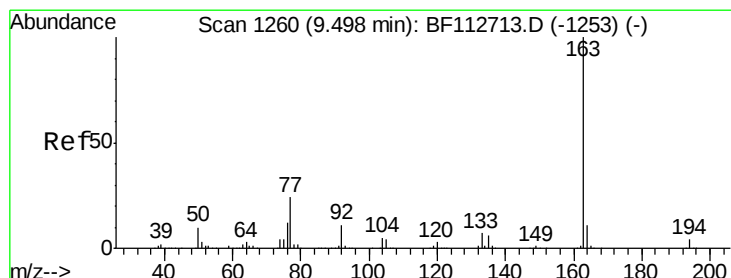
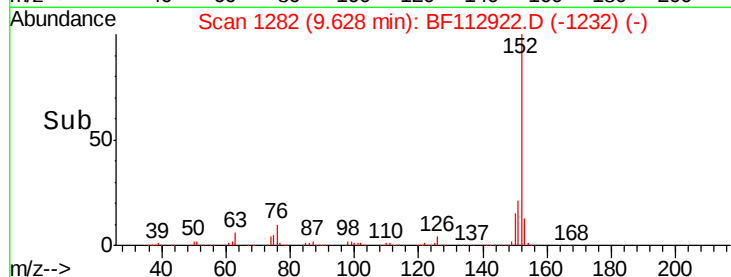
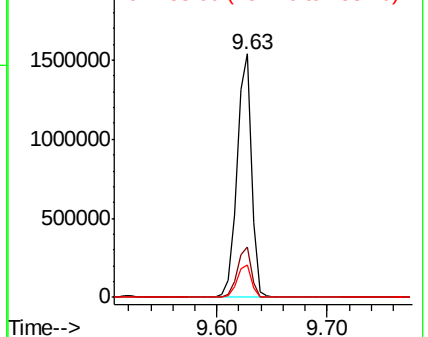


Abundance

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: 41.162 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

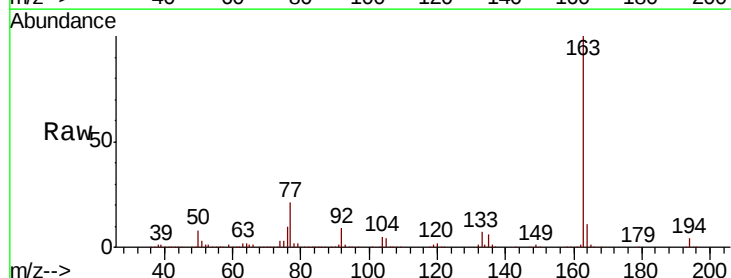
Tgt Ion:163 Resp: 1224873

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

164 10.6 8.4 12.6

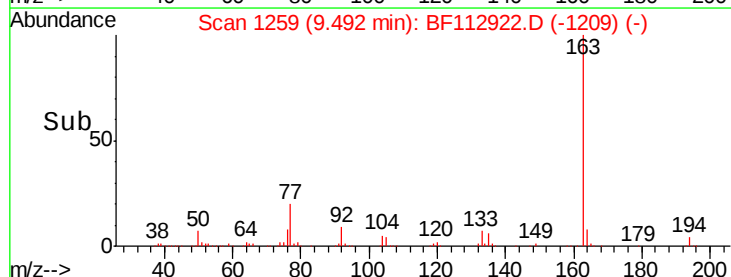
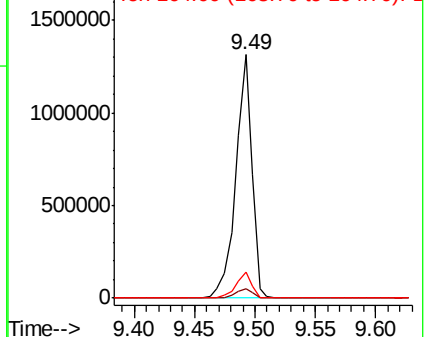


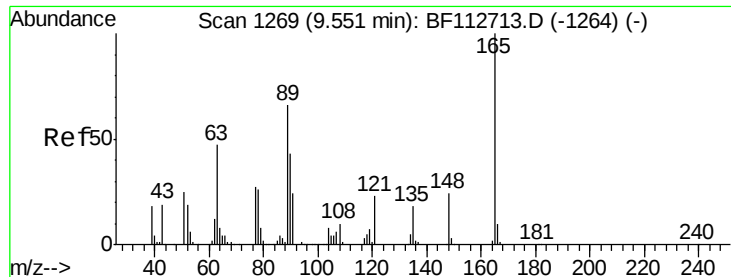
Abundance

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





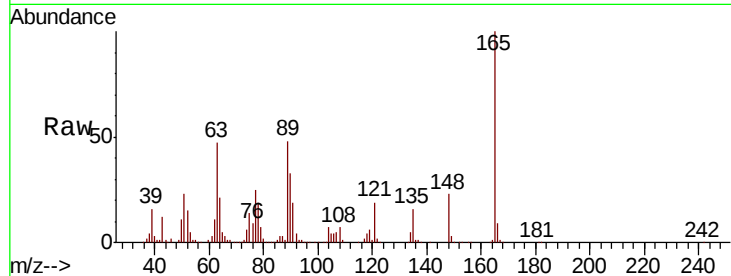
#51
2,6-Dinitrotoluene
Concen: 40.084 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMS

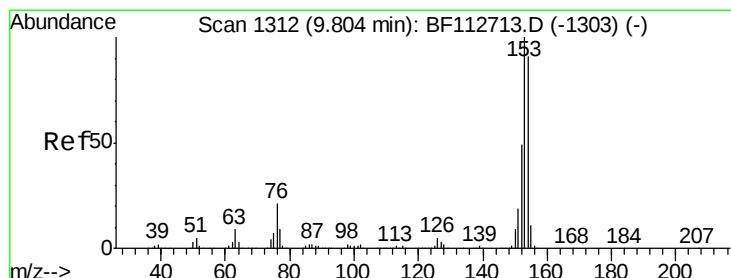
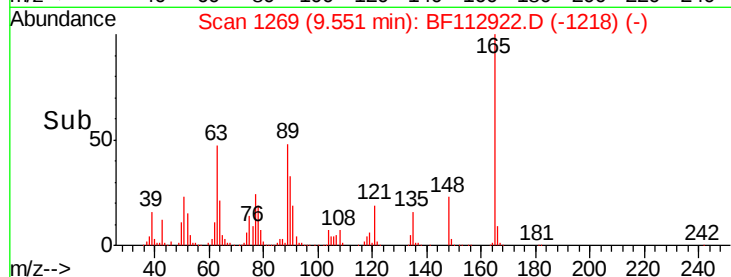
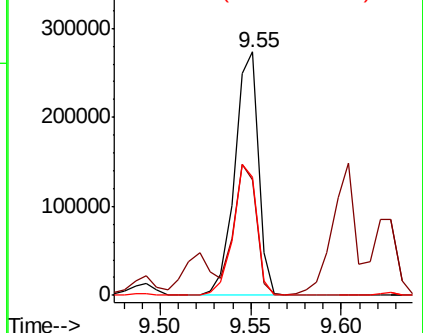
Tot Ion	Ratio	Resp	Lower	Upper
165	100	248386		
63	47.3	54.1	81.1#	
89	48.4	52.8	79.2#	

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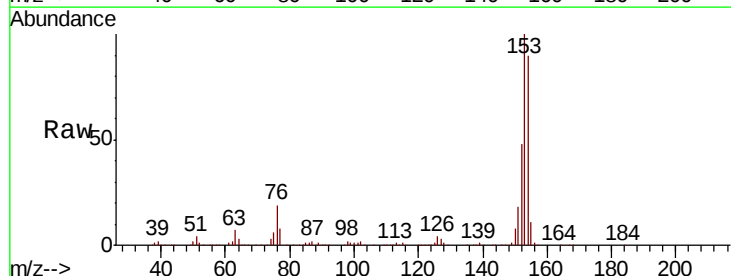


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

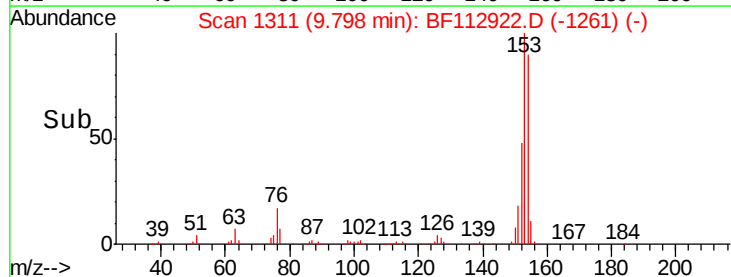
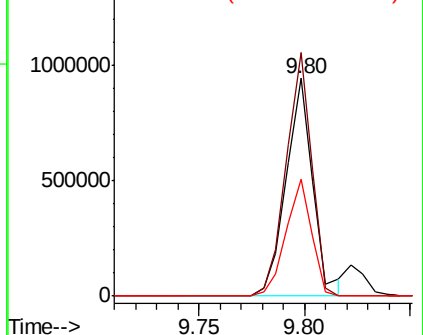


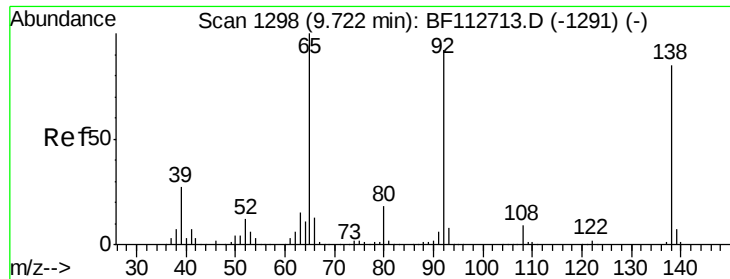
#52
Acenaphthene
Concen: 32.808 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	837176		
153	111.7	87.8	131.8	
152	53.6	43.0	64.6	



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





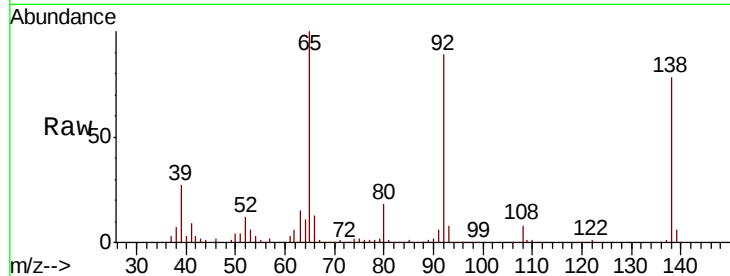
#53
3-Nitroaniline
Concen: 25.794 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.6	13.0
92	114.9	86.6	129.8

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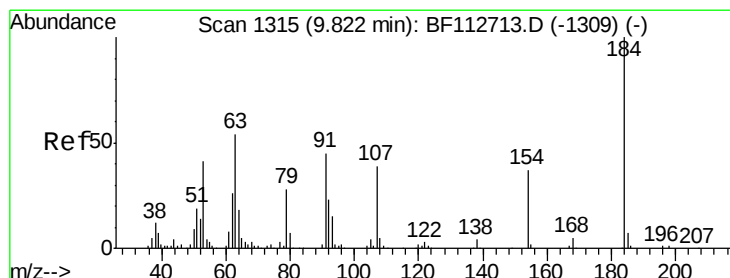
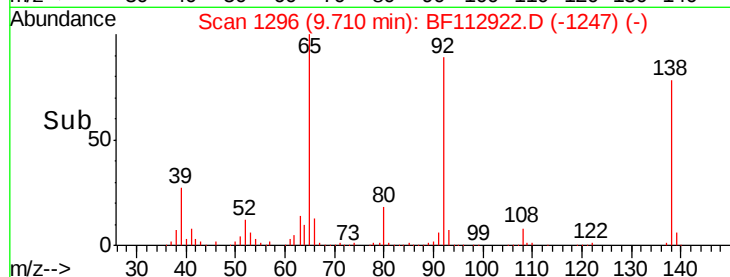
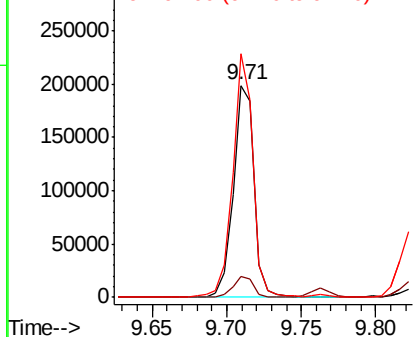


Abundance

Ion 138.00 (137.70 to 138.70): E

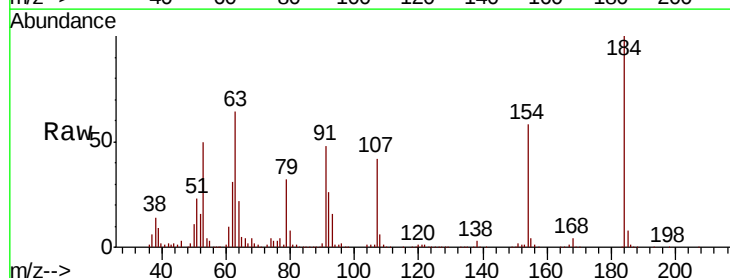
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 85.655 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.7	45.3	67.9
154	57.9	46.0	69.0

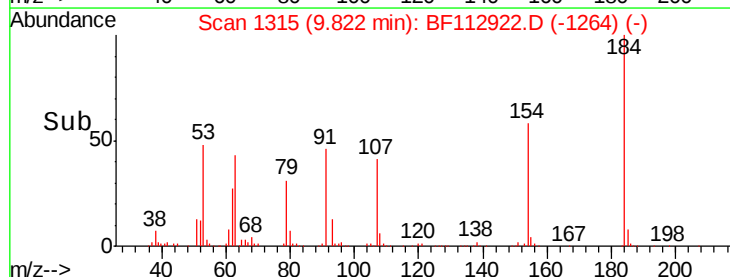
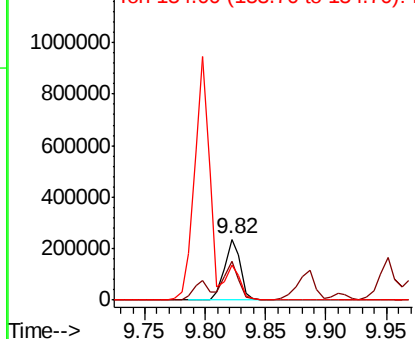


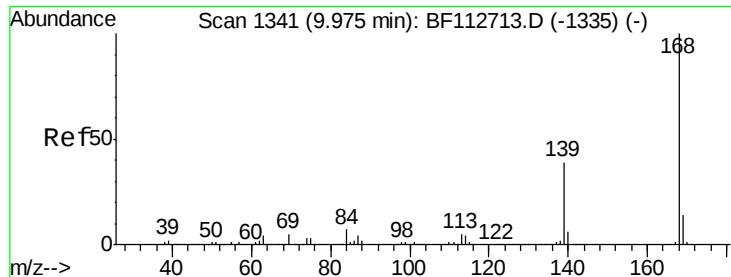
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





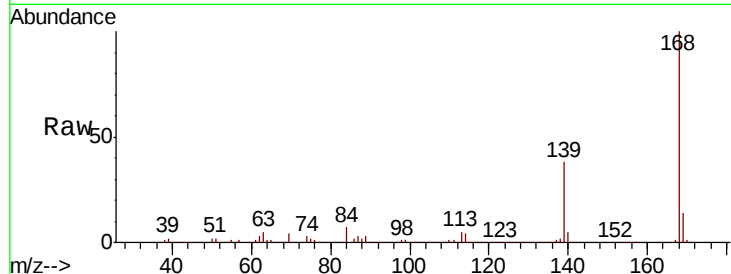
#55
Dibenzofuran
Concen: 33.839 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMS

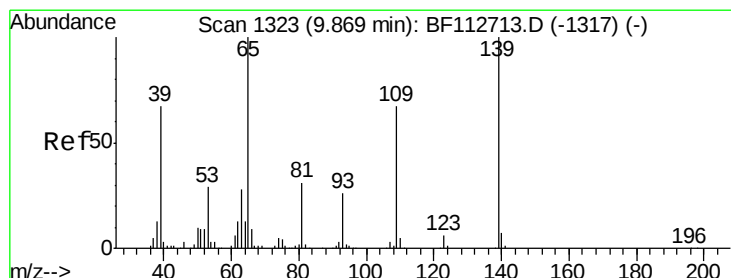
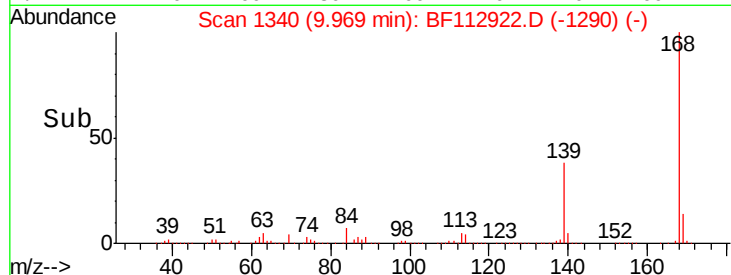
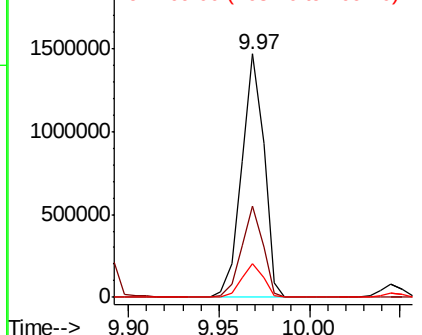
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	31.3	46.9
169	14.0	11.3	16.9

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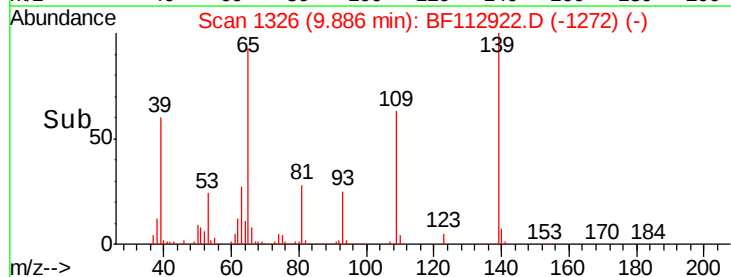
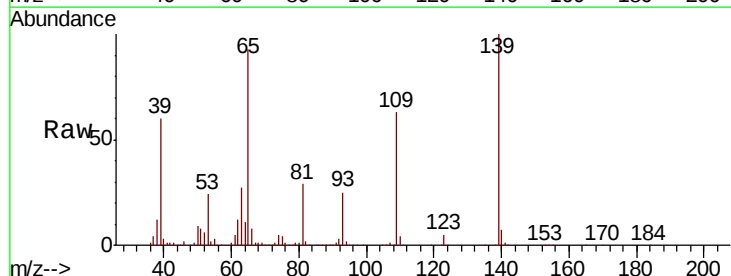
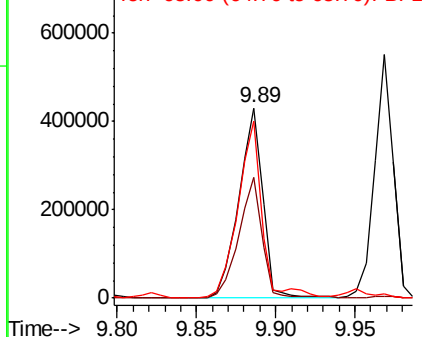
Abundance Ion 168.00 (167.70 to 168.70): E
2000000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

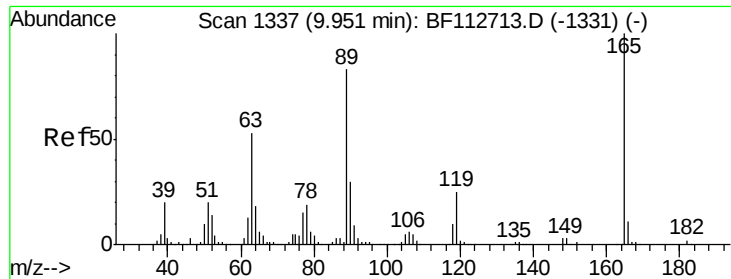


#56
4-Nitrophenol
Concen: 73.291 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.02 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.4	46.8	86.8
65	92.9	80.7	120.7

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





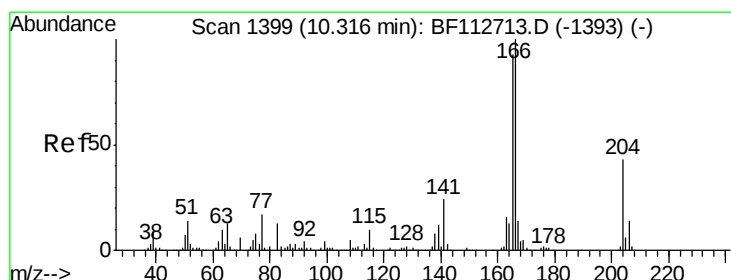
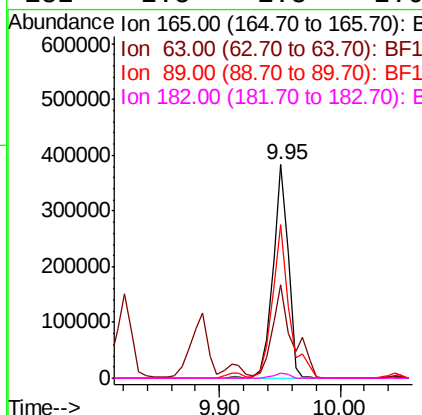
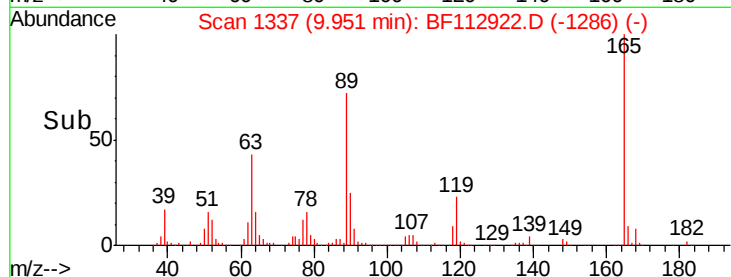
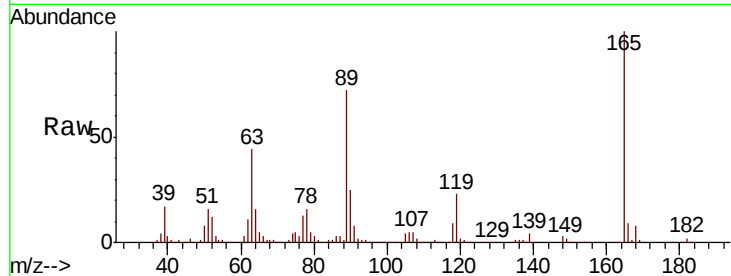
#57
2,4-Dinitrotoluene
Concen: 43.303 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampled :
TP-6CD-DMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		333541		
63	43.5		42.2	63.2	
89	71.7		66.2	99.4	
182	2.5		1.8	2.6	

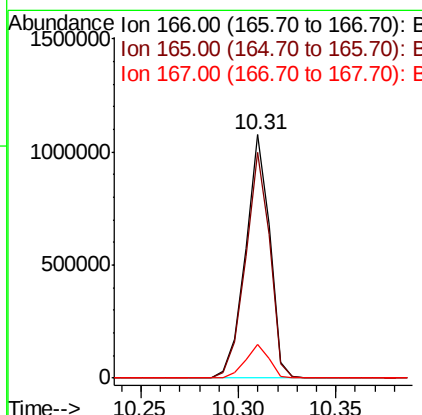
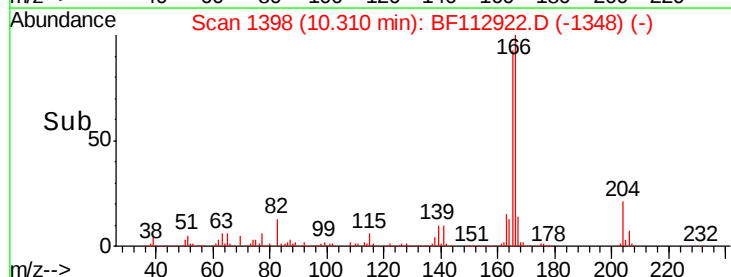
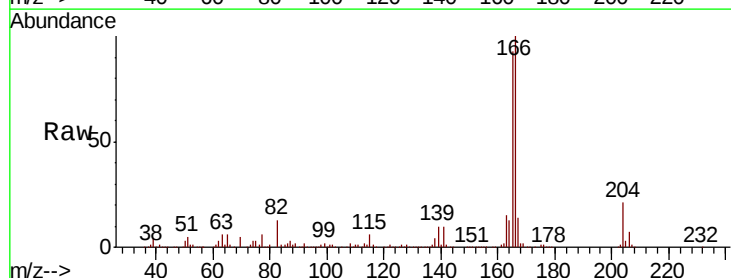
Manual Integrations
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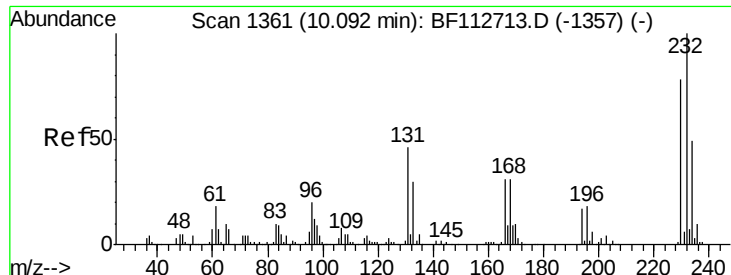
Sohil
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#58
Fluorene
Concen: 35.039 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		922318		
165	92.8		74.7	112.1	
167	13.7		11.0	16.6	





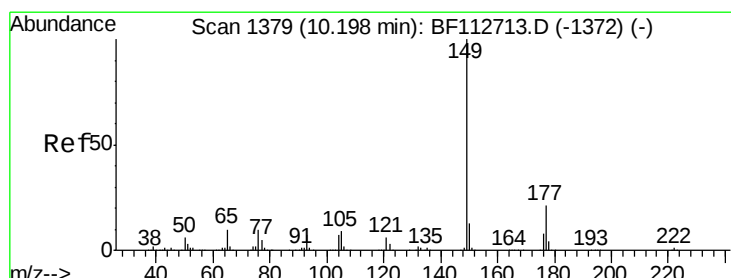
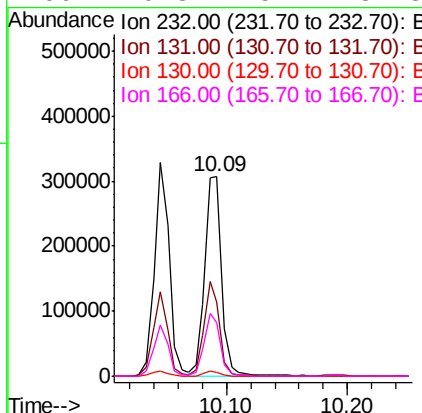
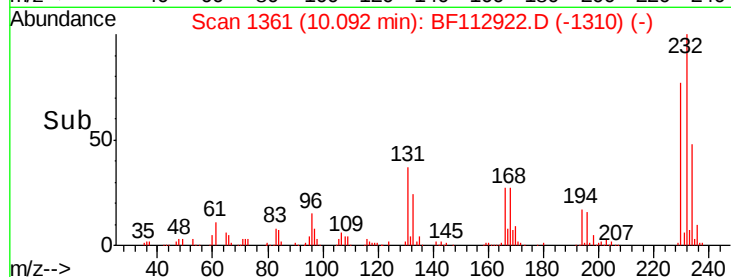
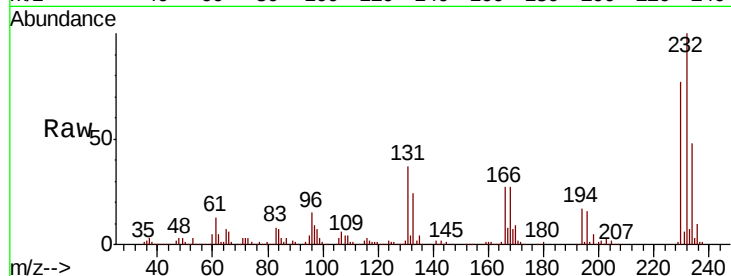
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.934 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-DMS

Tot Ion:	232	Resp:	298562
Ion Ratio	Lower	Upper	
232	100		
131	43.3	38.7	58.1
130	2.2	1.9	2.9
166	29.3	25.2	37.8

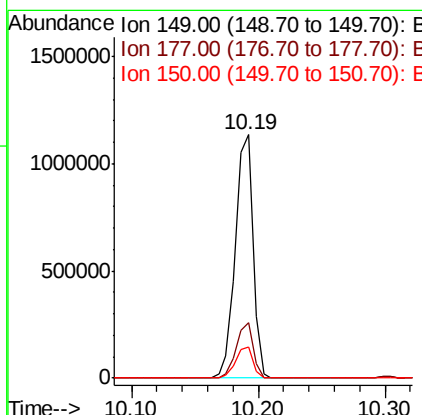
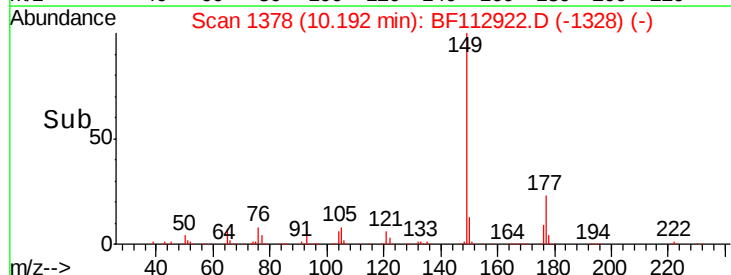
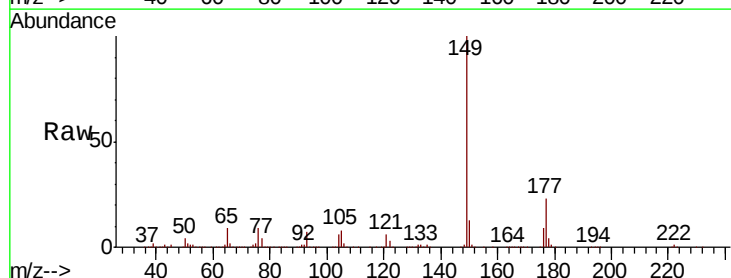
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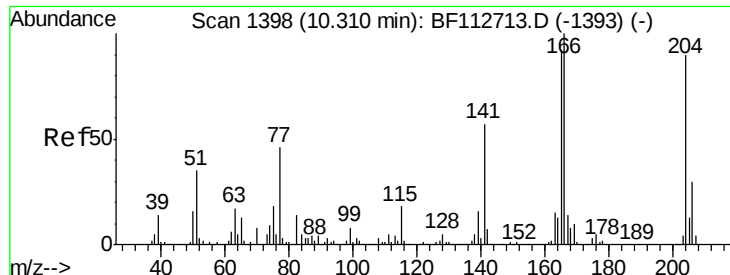
Sohil
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#60
 Diethylphthalate
 Concen: 34.686 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.01 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Tgt Ion:	149	Resp:	1090107
Ion Ratio	Lower	Upper	
149	100		
177	22.6	17.0	25.6
150	12.6	10.0	15.0





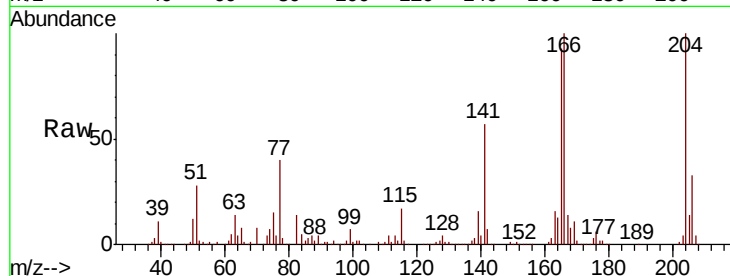
#61
 4-Chlorophenyl-phenylether
 Concen: 37.232 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-DMS

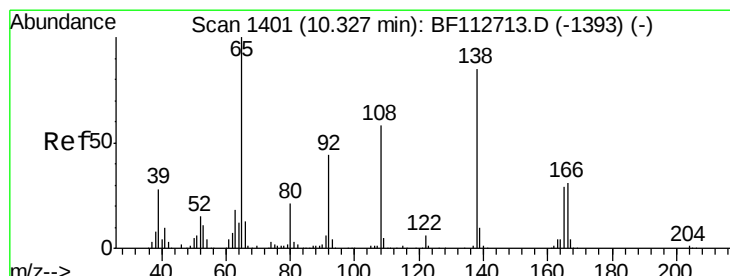
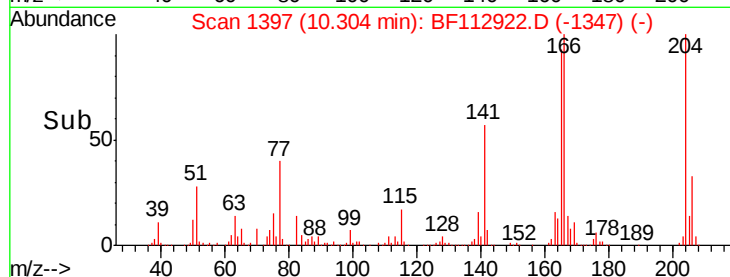
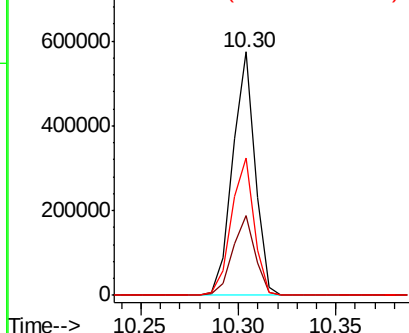
Tot Ion:	204	Resp:	455983
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.6	40.0
141	56.5	50.8	76.2

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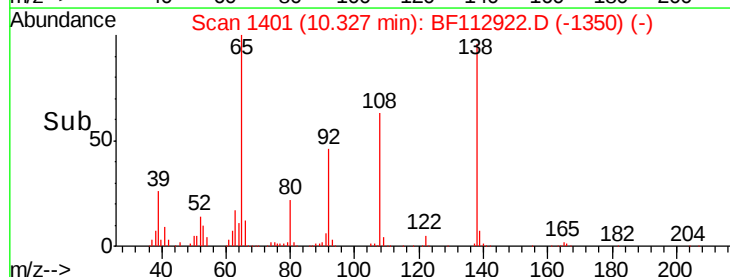
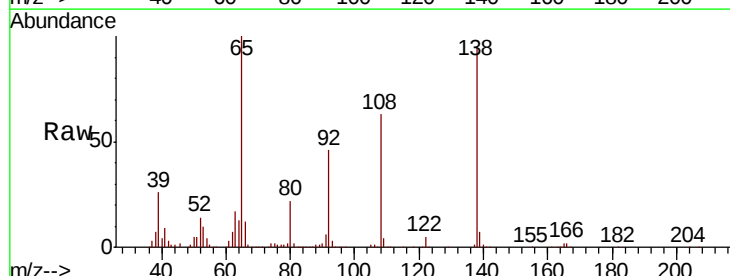
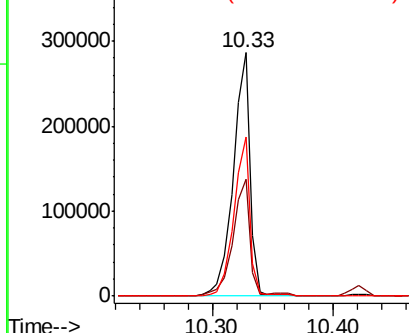
Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

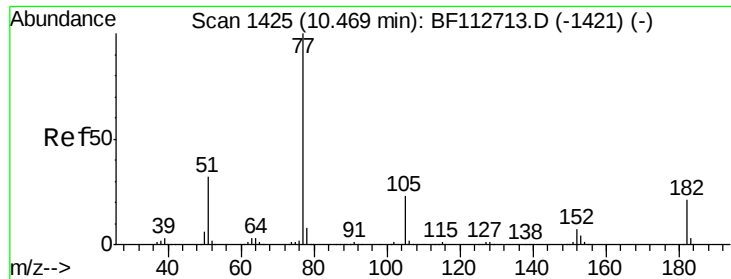


#62
 4-Nitroaniline
 Concen: 40.220 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.00 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Tgt Ion:	138	Resp:	280625
Ion Ratio	Lower	Upper	
138	100		
92	48.0	31.3	71.3
108	65.5	48.1	88.1

Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





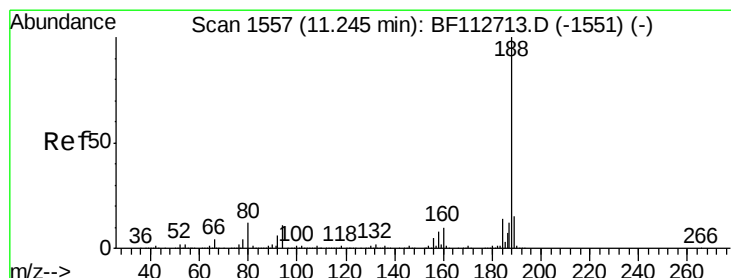
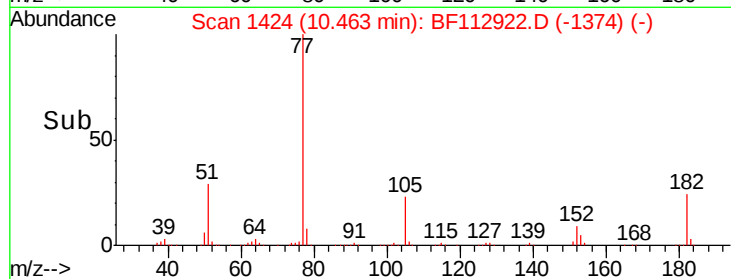
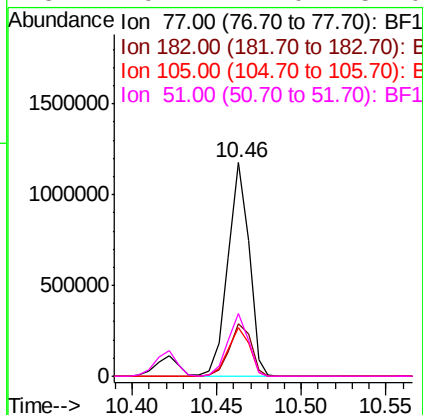
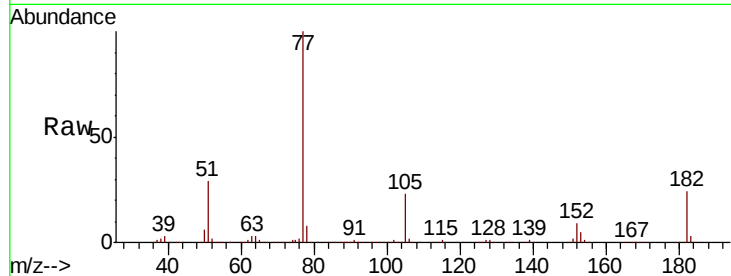
#63
Azobenzene
Concen: 31.726 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMS

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.4	1.4	41.4
105	23.1	2.6	42.6
51	29.2	12.0	52.0

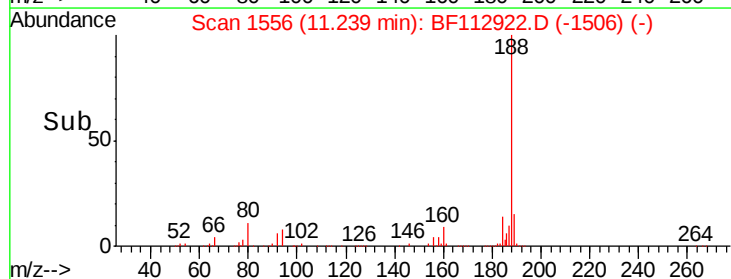
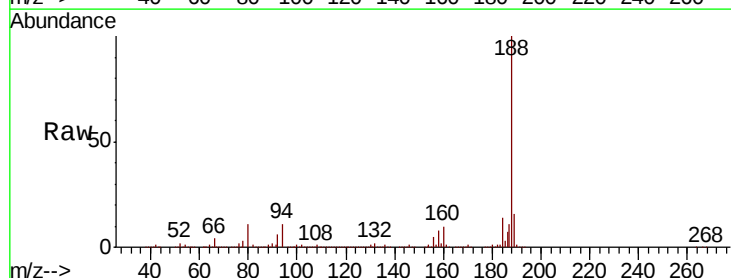
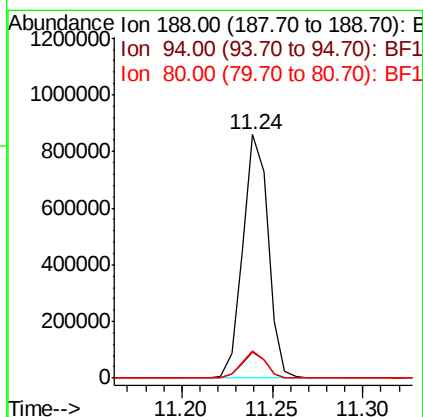
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.0	13.4
80	11.1	9.2	13.8





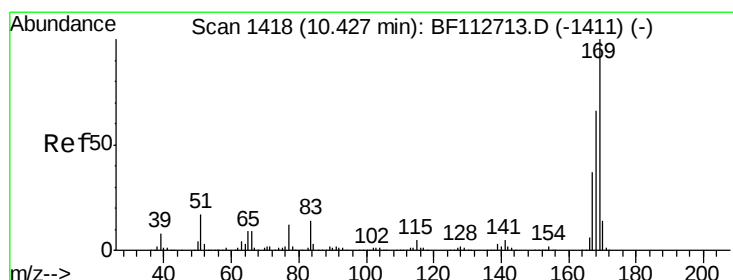
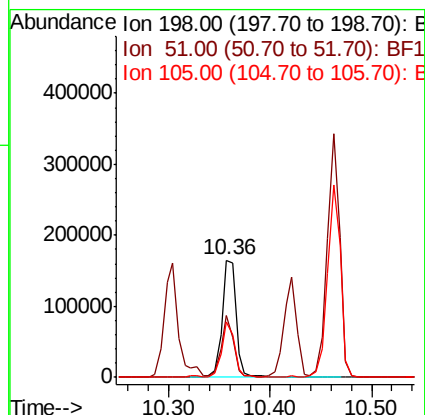
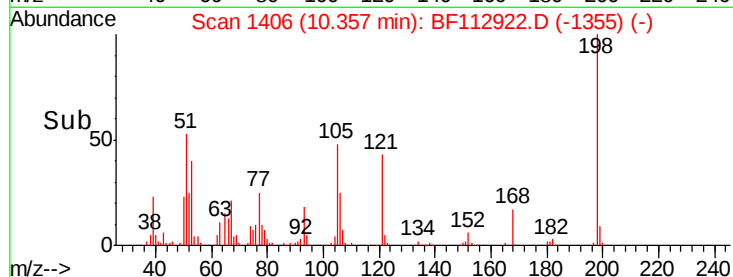
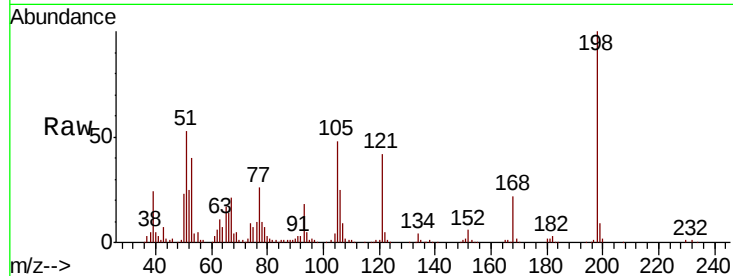
#65
4,6-Dinitro-2-methylphenol
Concen: 46.275 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampled :
TP-6CD-DMS

Tot Ion	Ratio	Lower	Upper
198	100		
51	52.7	43.8	83.8
105	47.5	36.5	76.5

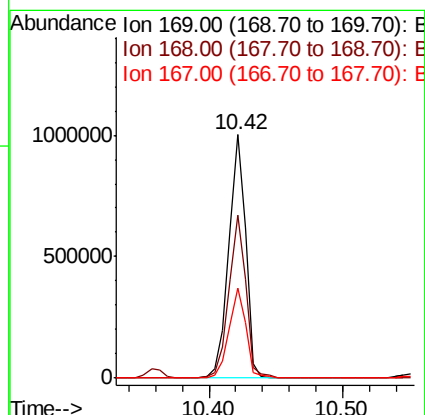
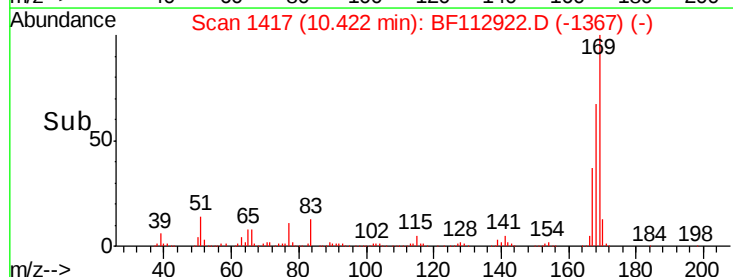
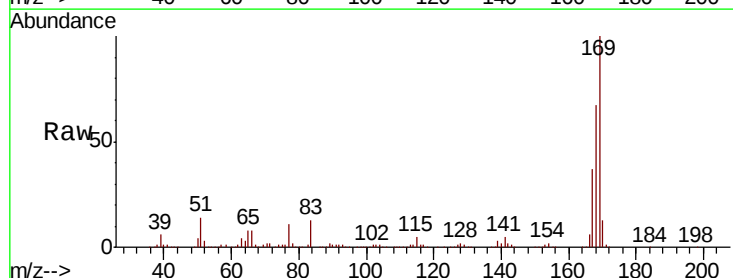
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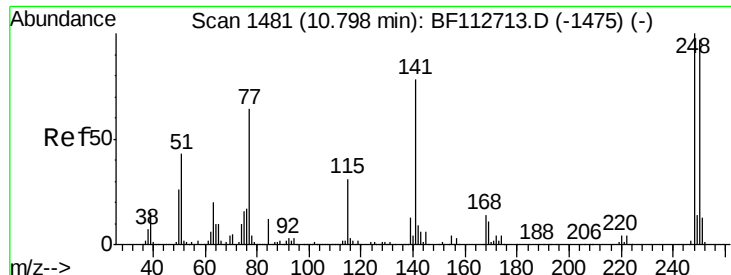
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#66
n-Nitrosodiphenylamine
Concen: 33.683 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.0	79.6
167	36.8	29.3	43.9





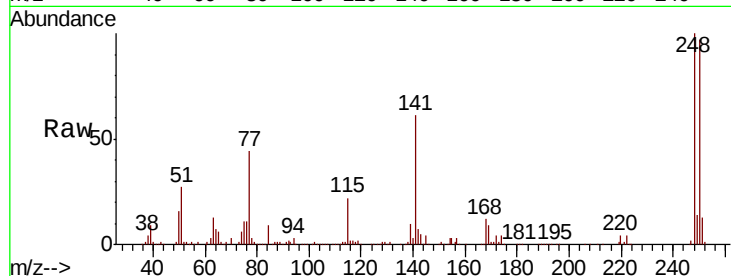
#67
4-Bromophenyl-phenylether
Concen: 35.483 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.5	116.3
141	61.2	62.4	93.6

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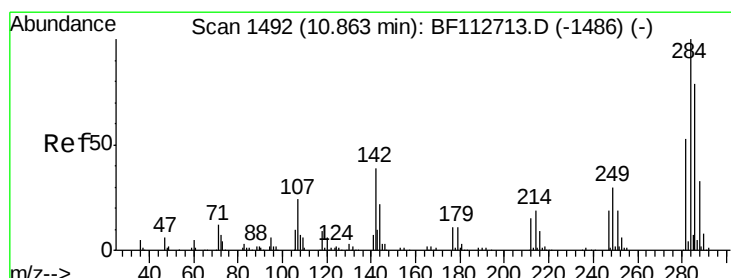
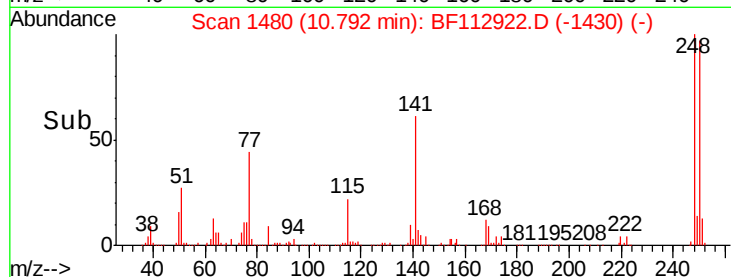
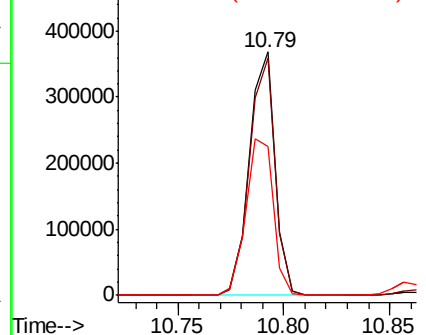


Abundance

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: 36.748 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

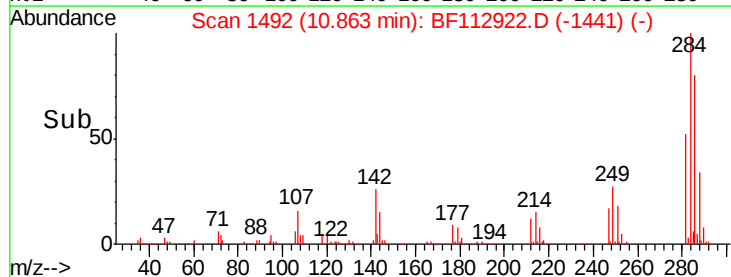
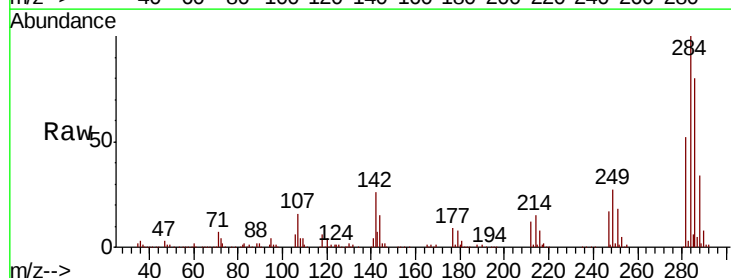
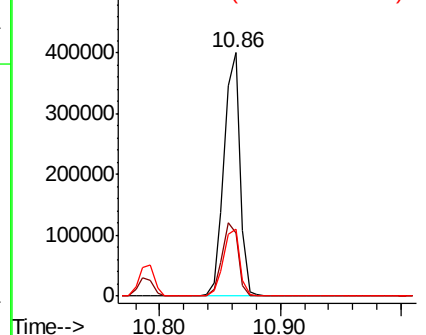
Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.2	31.0	46.6
249	27.5	23.6	35.4

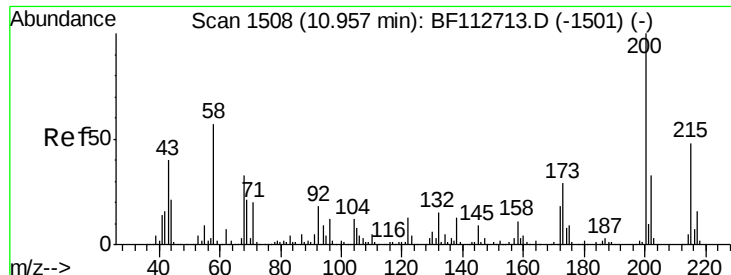
Abundance

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





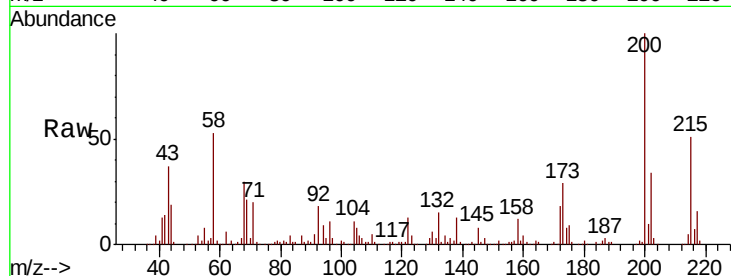
#69
Atrazine
Concen: 36.687 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.4	9.1	49.1
215	50.6	28.2	68.2

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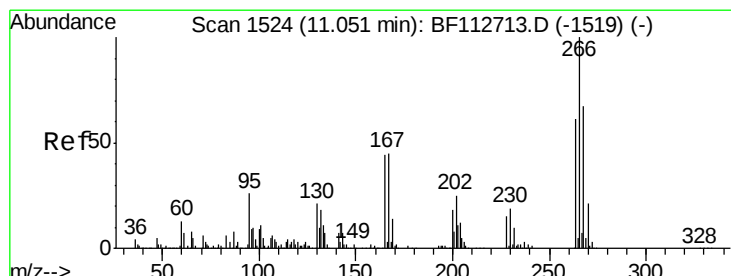
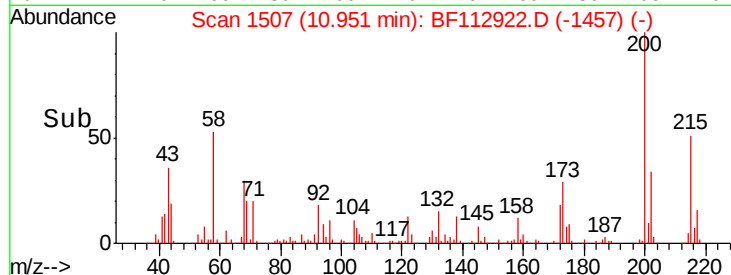
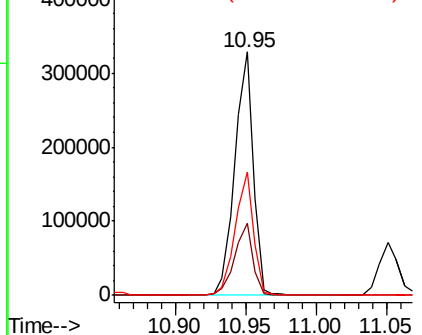


Abundance

Ion 200.00 (199.70 to 200.70): E

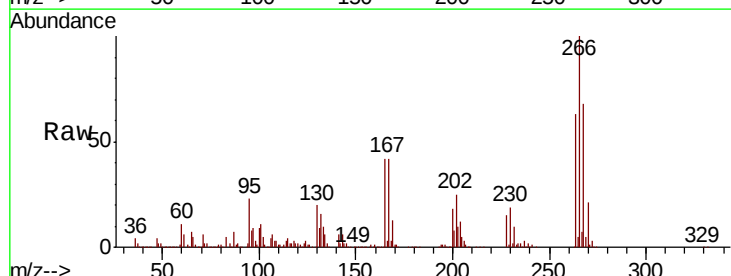
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 71.063 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.6	53.3	79.9
264	63.3	48.9	73.3

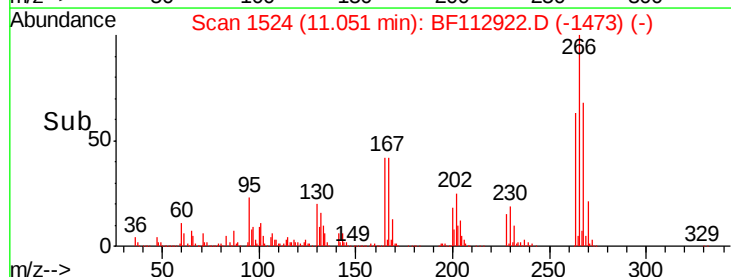
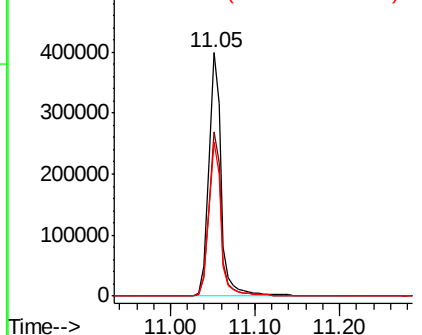


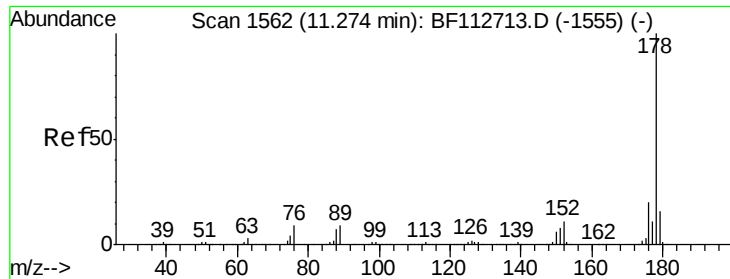
Abundance

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





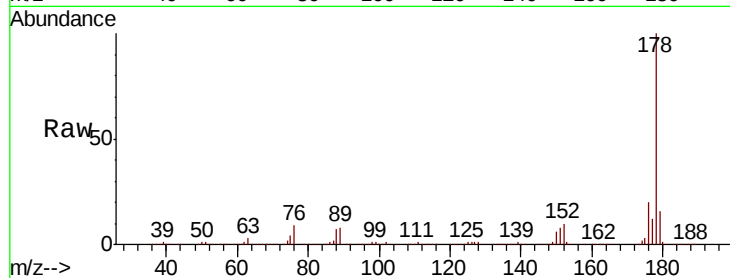
#71
Phenanthrene
Concen: 34.380 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.3	24.5
179	15.8	12.7	19.1

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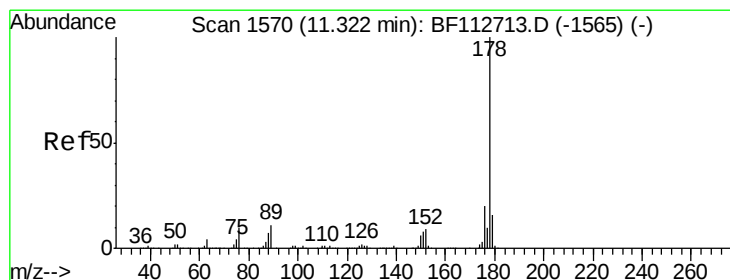
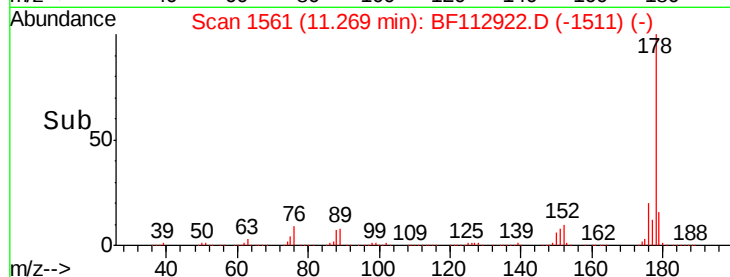
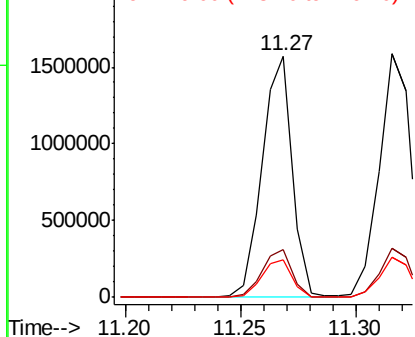


Abundance

Ion 178.00 (177.70 to 178.70): E

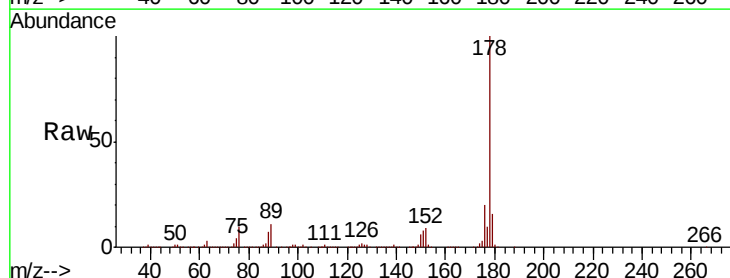
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 34.291 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.6
179	16.3	13.0	19.6

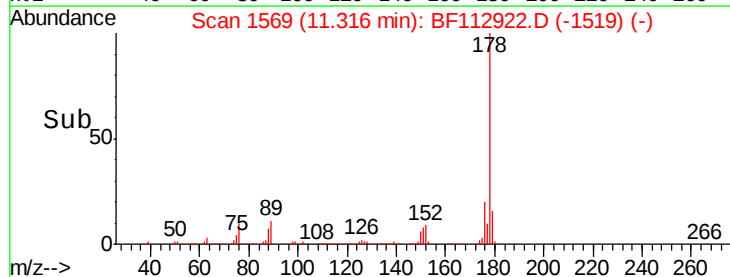
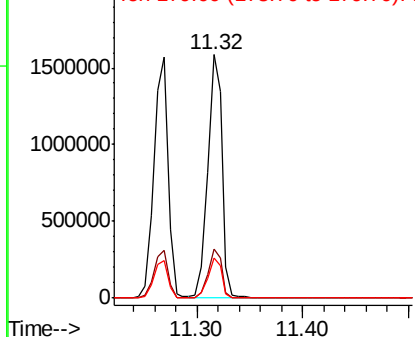


Abundance

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: 34.316 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

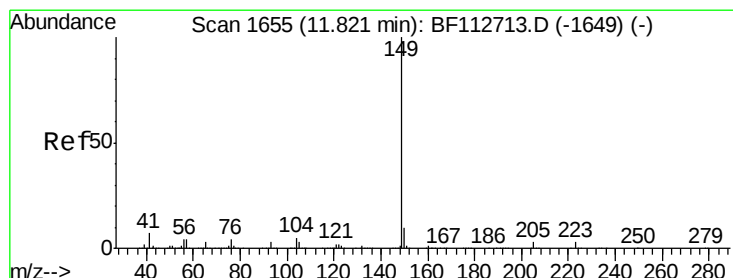
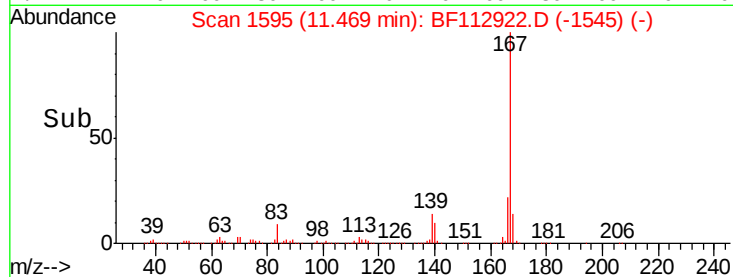
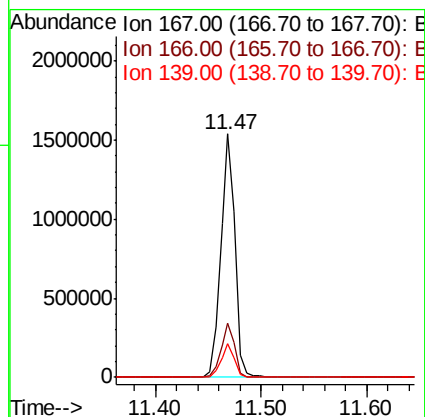
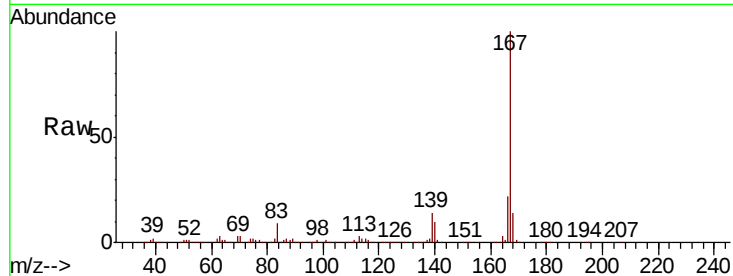
Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-DMS

Tot Ion:167 Resp: 1457027

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.5	26.3
139	13.6	10.8	16.2

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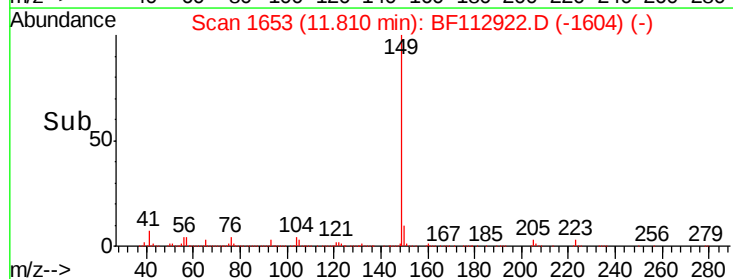
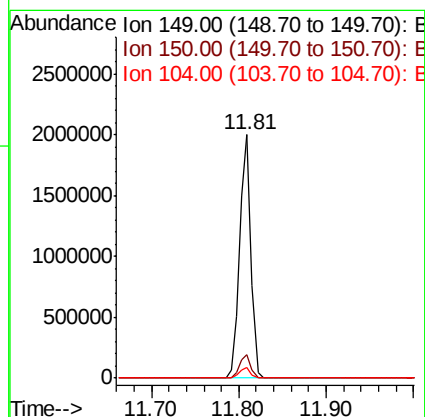
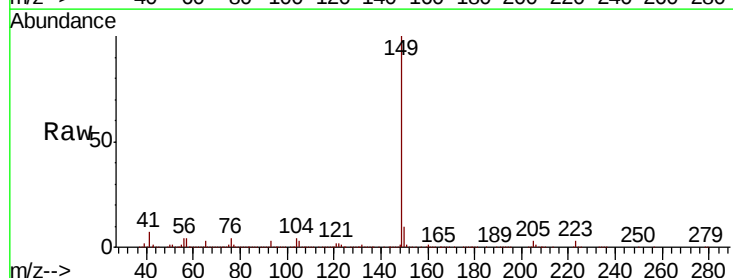
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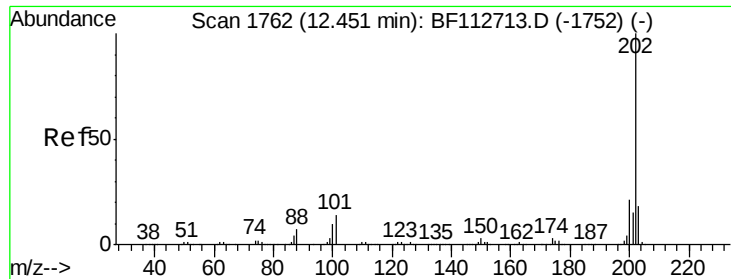


#74
 Di-n-butylphthalate
 Concen: 34.051 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Tgt Ion:149 Resp: 1733555

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.6	11.4
104	4.5	3.7	5.5





#75

Fluoranthene

Concen: 35.524 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

Instrument :

BNA_F

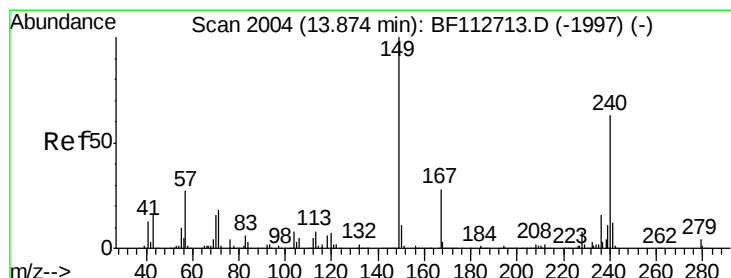
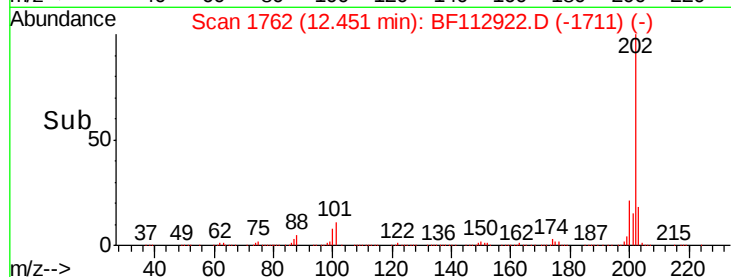
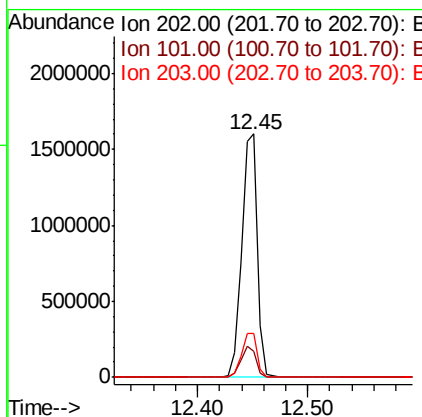
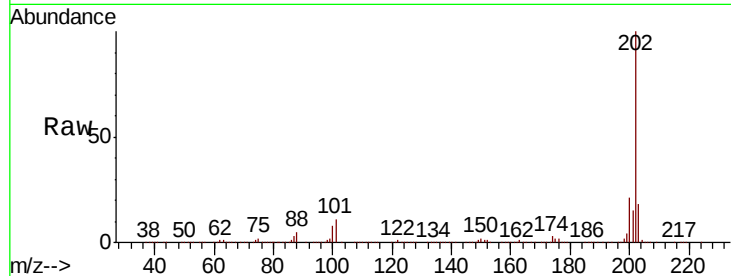
ClientSampleId :

TP-6CD-DMS

Tot Ion:	202	Resp:	1582519
Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	33.8
203	17.9	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

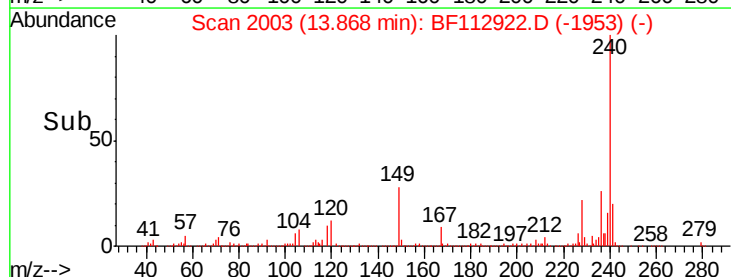
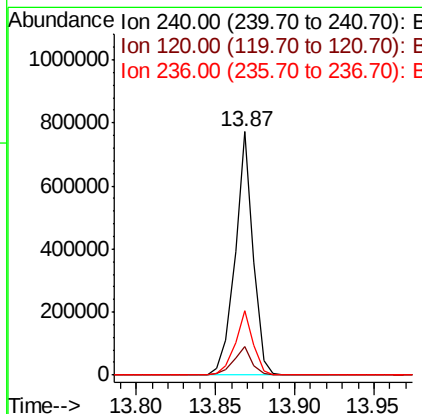
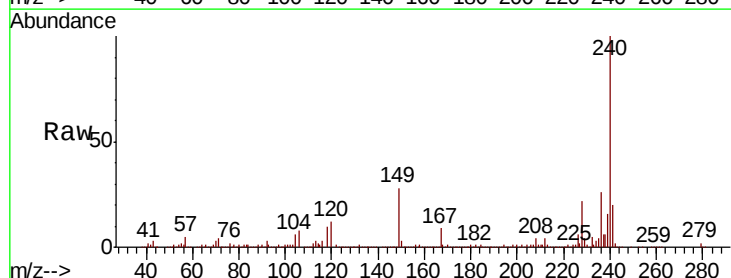
RT: 13.87 min Scan# 2003

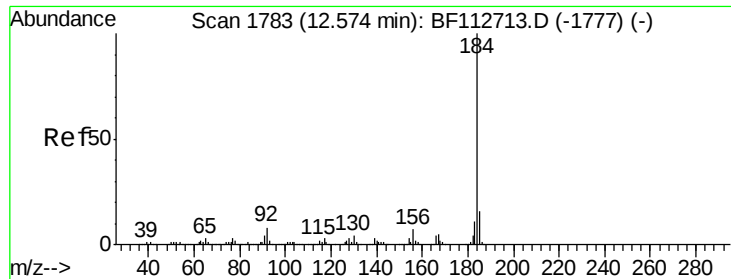
Delta R.T. -0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

Tgt Ion:	240	Resp:	604734
Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.9	13.3
236	26.4	20.7	31.1





#77

Benzidine

Concen: 26.603 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

Instrument :

BNA_F

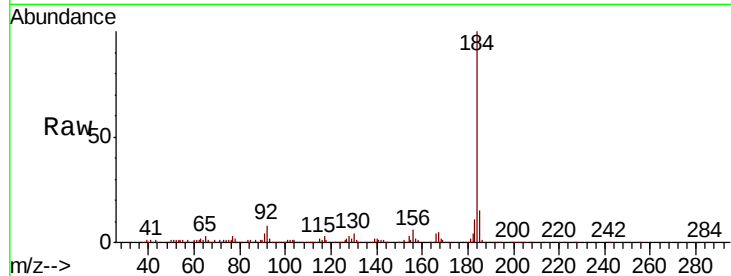
ClientSampleId :

TP-6CD-DMS

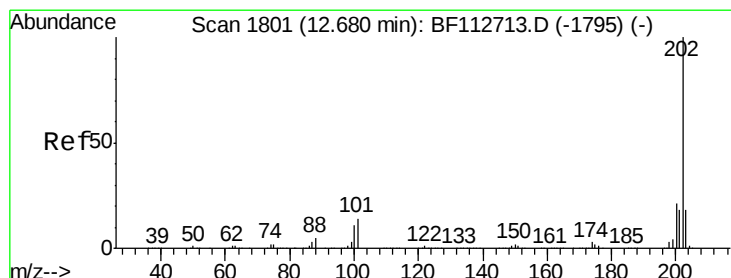
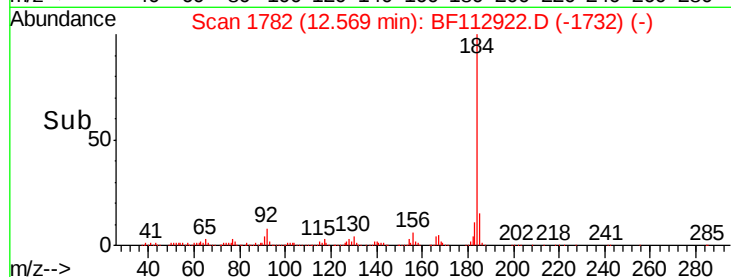
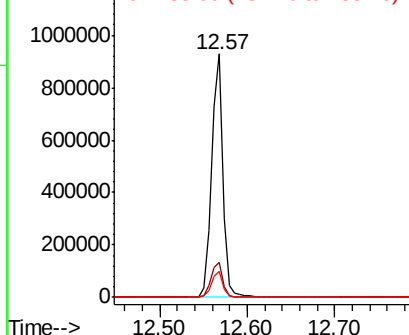
Tot Ion:	184	Resp:	834669
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.6	18.8
183	10.9	8.6	12.8

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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: 31.815 ng

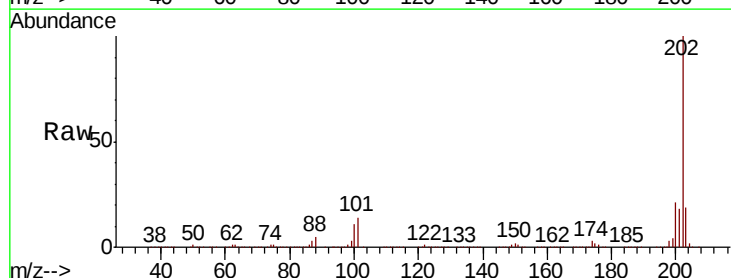
RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

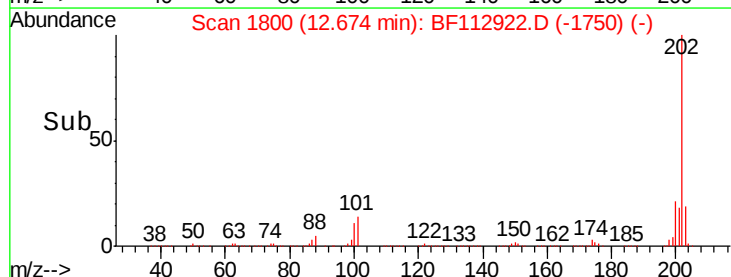
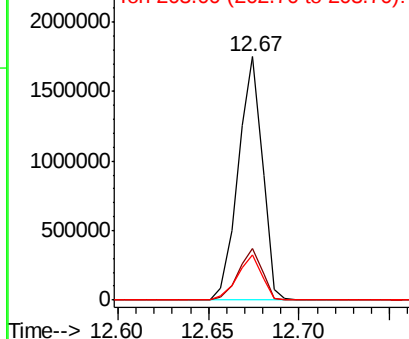
Lab File: BF112922.D

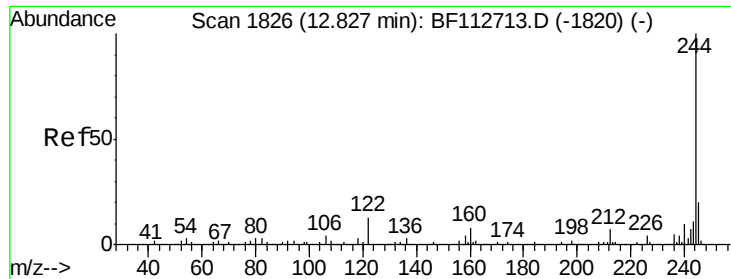
Acq: 7 Mar 2019 15:41

Tgt Ion:	202	Resp:	1621955
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.0	25.4
203	18.7	14.4	21.6



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





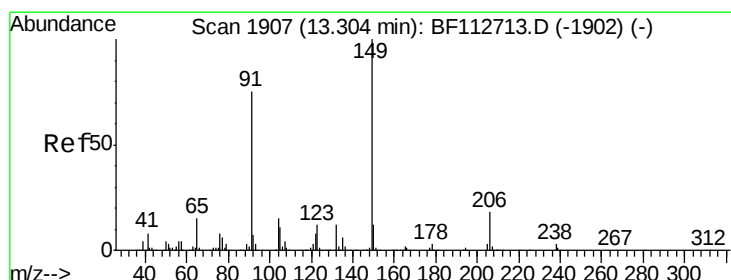
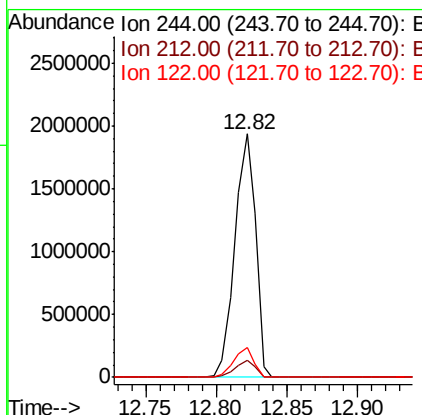
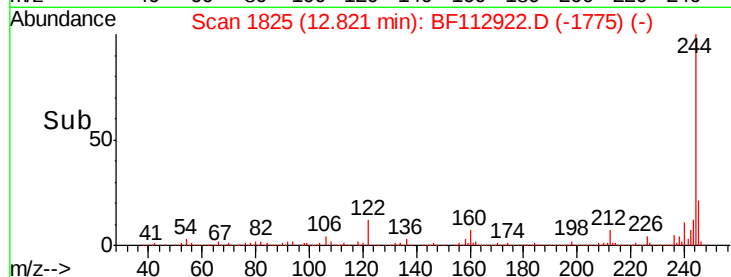
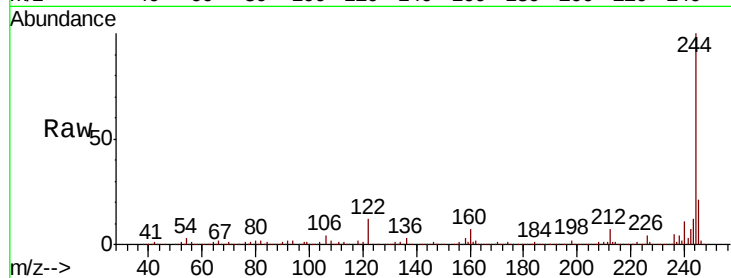
#79
 Terphenyl-d14
 Concen: 63.408 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-DMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	12.1	10.5	15.7

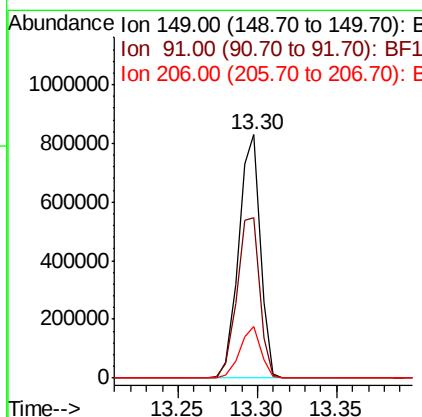
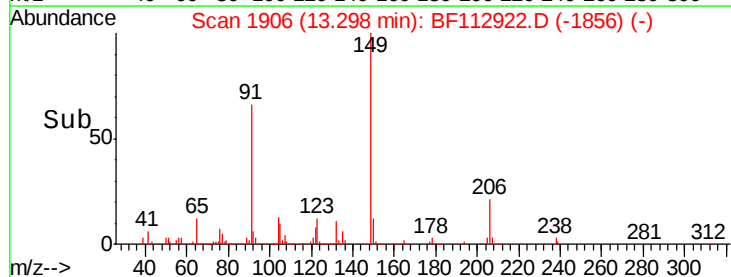
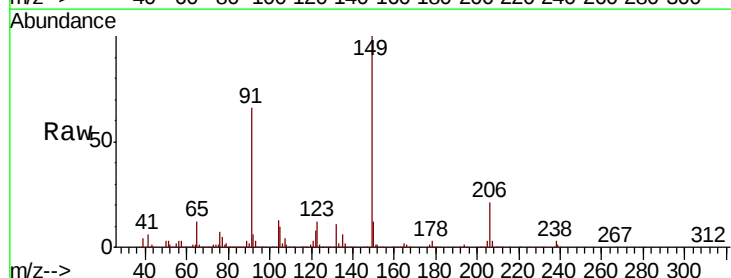
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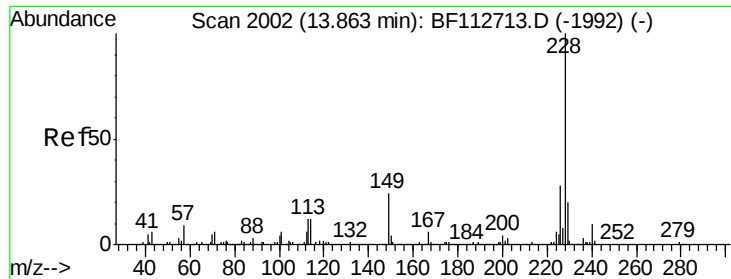
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#80
 Butylbenzylphthalate
 Concen: 34.834 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.1	59.9	89.9
206	21.4	14.7	22.1





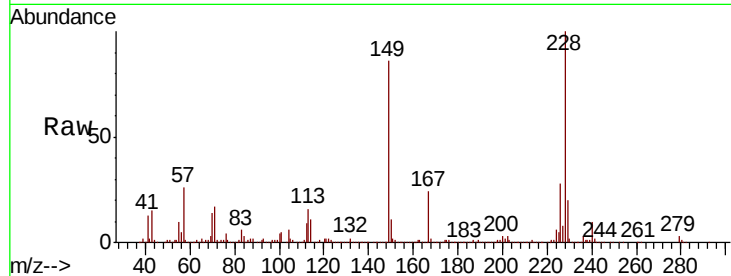
#81
Benzo(a)anthracene
Concen: 29.946 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMS

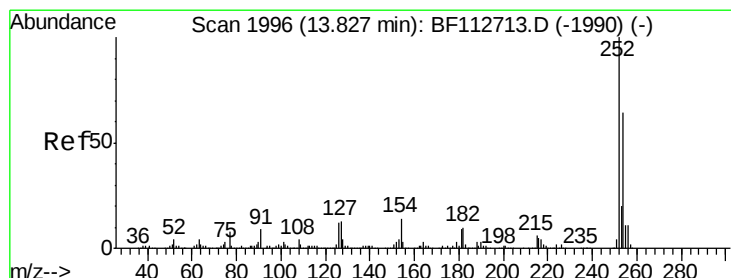
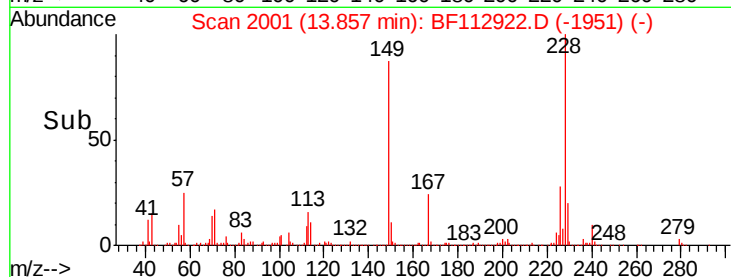
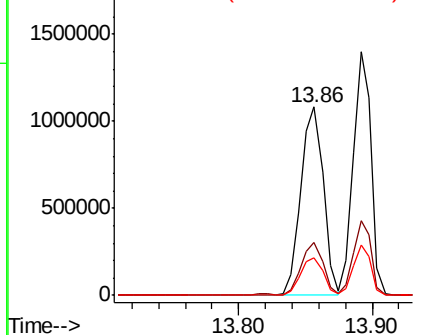
Tot Ion:228 Resp: 1255098
Ion Ratio Lower Upper
228 100
226 27.9 22.2 33.4
229 20.1 16.0 24.0

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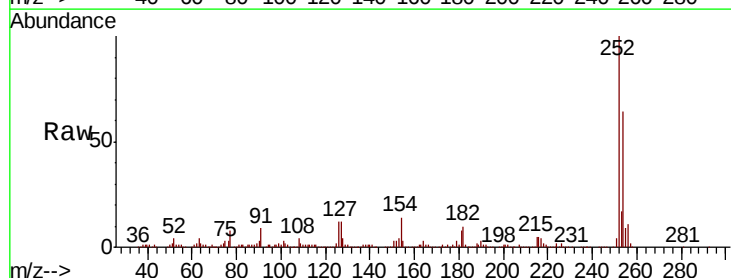


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

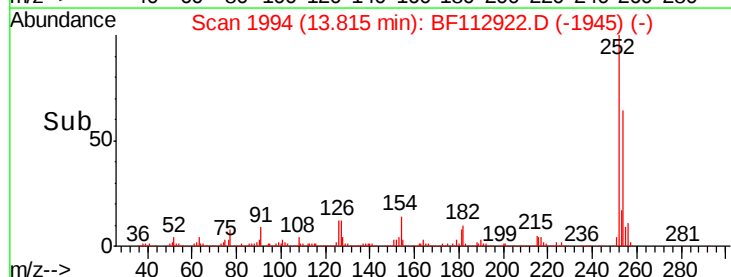
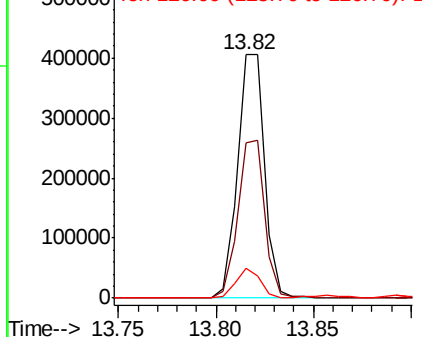


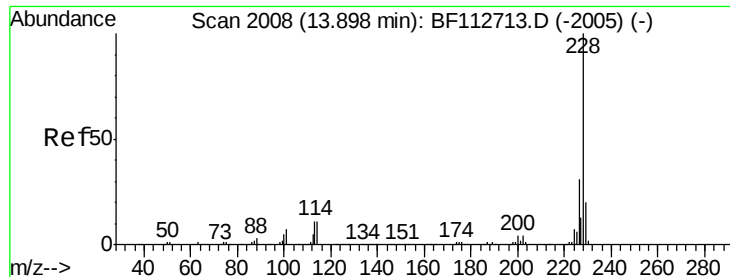
#82
3,3'-Dichlorobenzidine
Concen: 24.615 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion:252 Resp: 390174
Ion Ratio Lower Upper
252 100
254 63.8 51.1 76.7
126 12.3 9.9 14.9



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





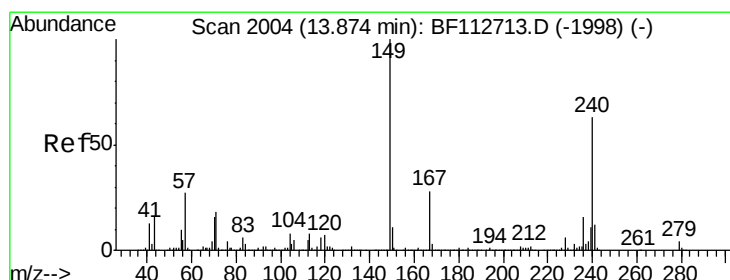
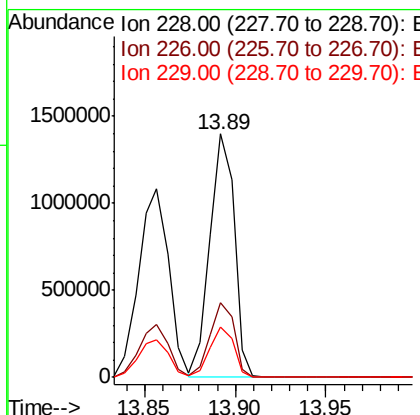
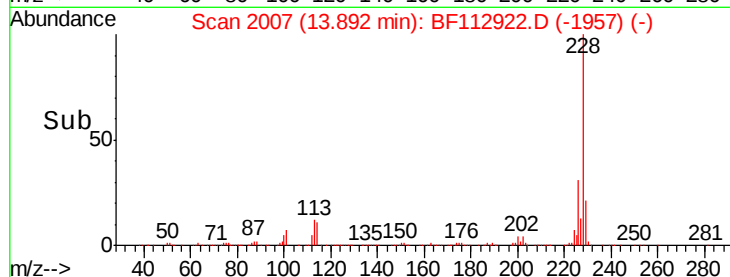
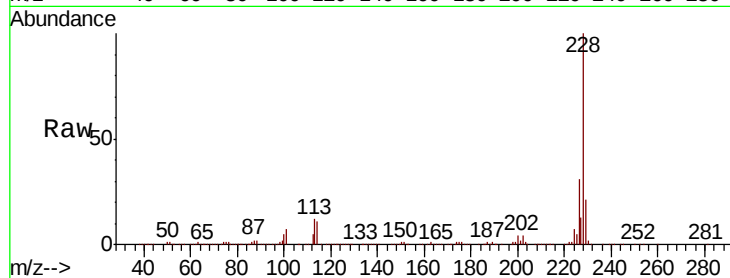
#83
 Chrysene
 Concen: 32.122 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-DMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	20.6	16.3	24.5

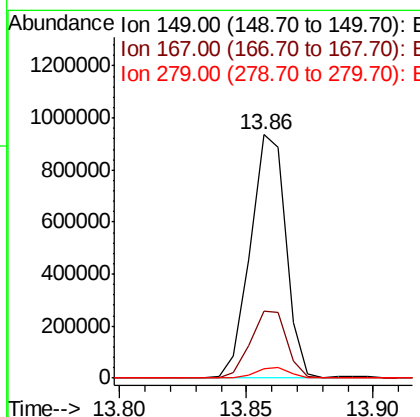
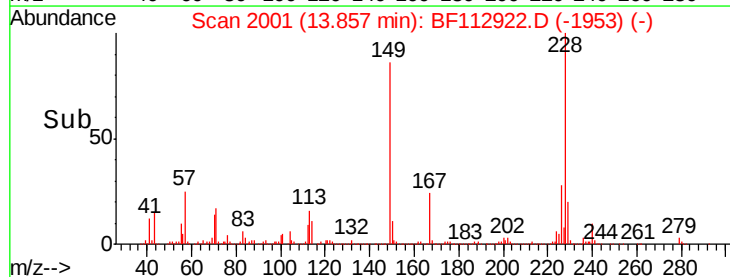
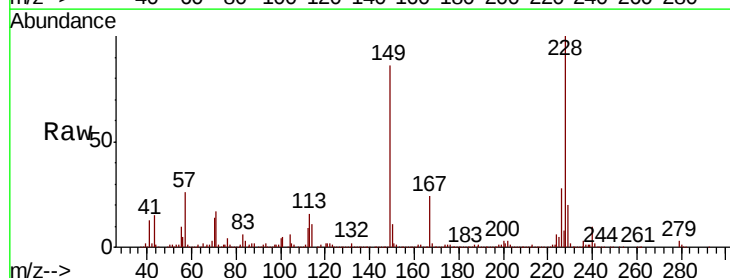
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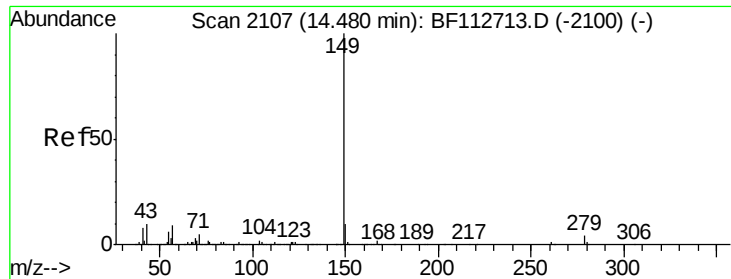
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 34.808 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.4	33.6
279	3.8	3.3	4.9





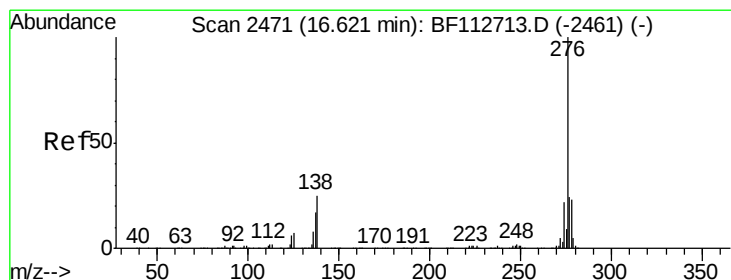
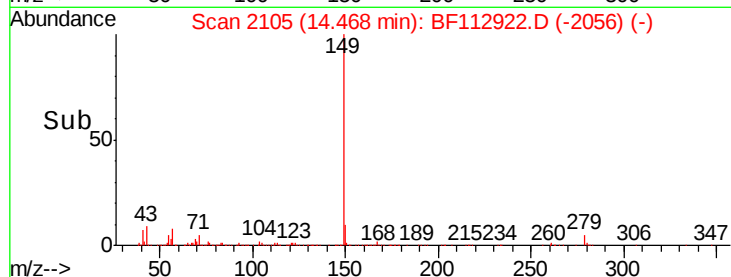
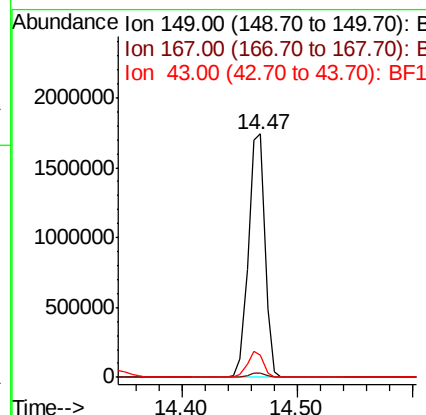
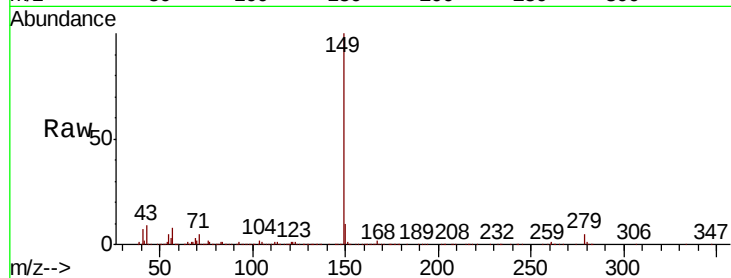
#85
Di-n-octyl phthalate
Concen: 38.208 ng
RT: 14.47 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.8	9.0	13.4

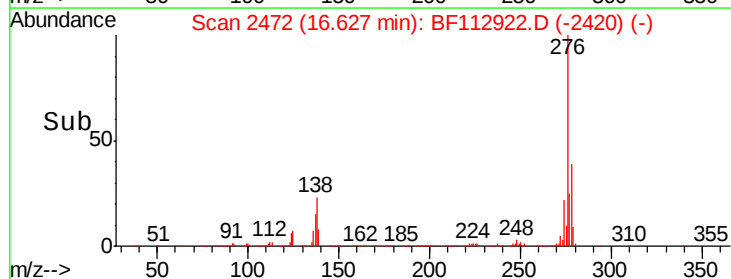
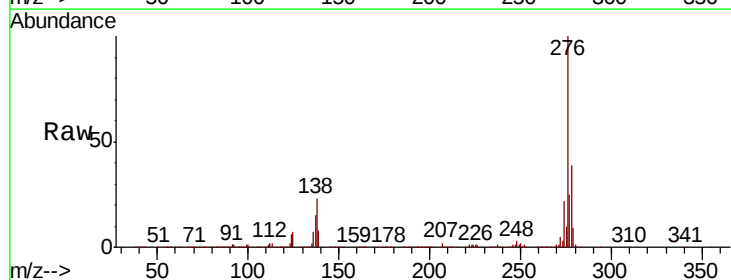
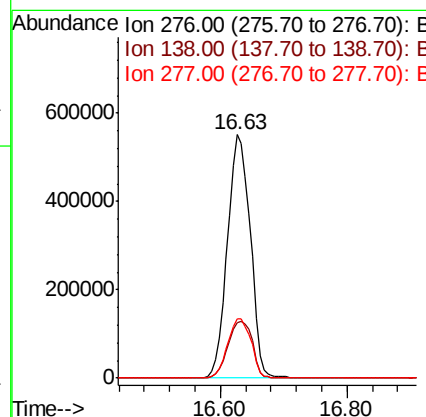
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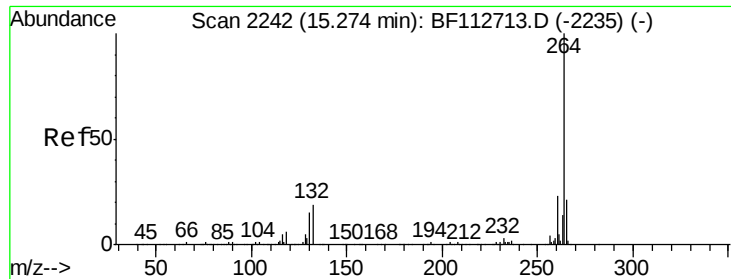
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#86
Indeno(1,2,3-cd)pyrene
Concen: 39.132 ng
RT: 16.63 min Scan# 2472
Delta R.T. 0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	23.2	34.8
277	25.3	19.9	29.9





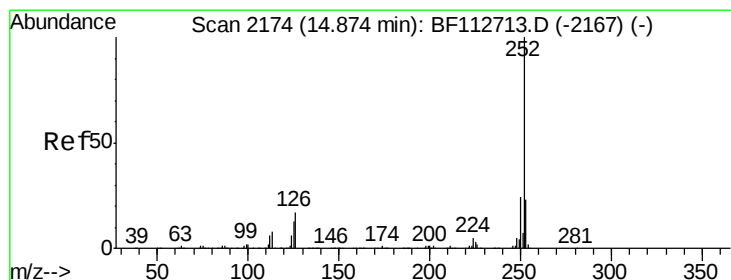
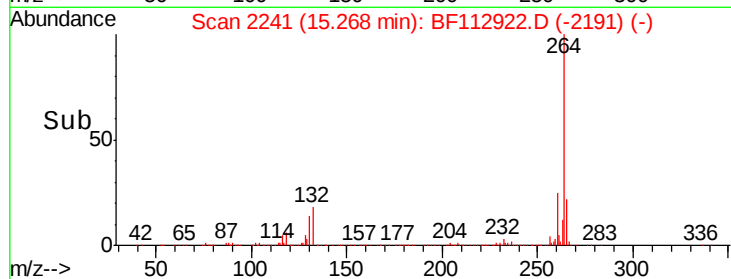
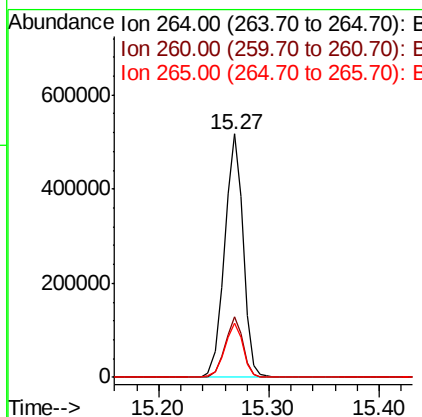
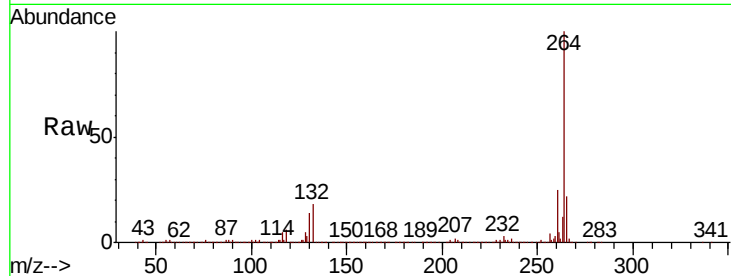
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.7	28.1
265	22.0	17.2	25.8

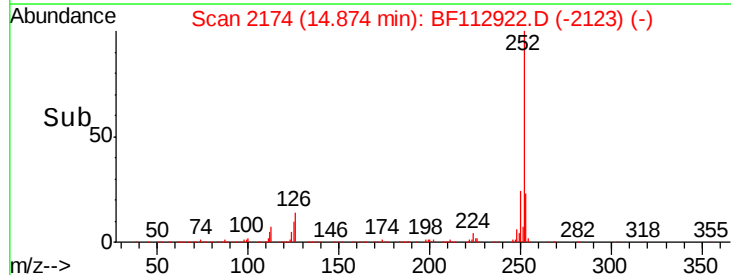
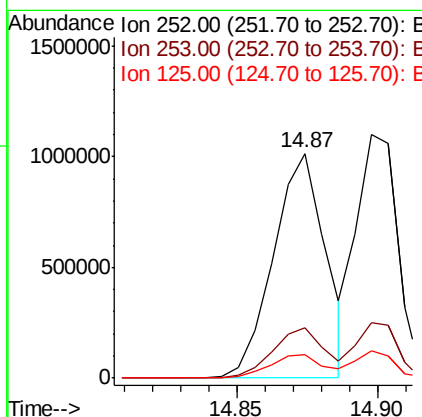
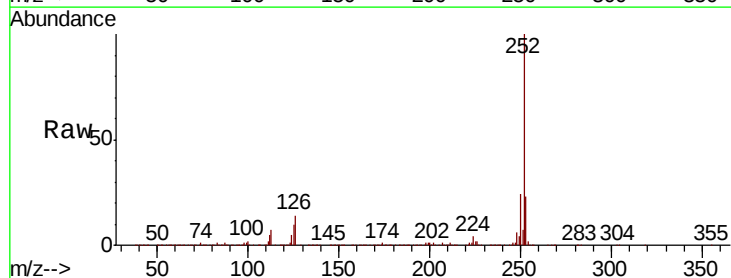
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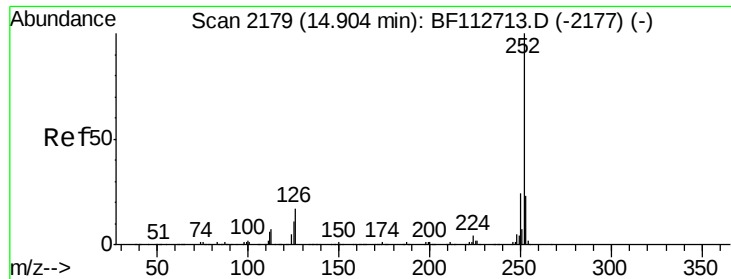
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#88
Benzo(b)fluoranthene
Concen: 32.970 ng
RT: 14.87 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	10.4	10.2	15.2





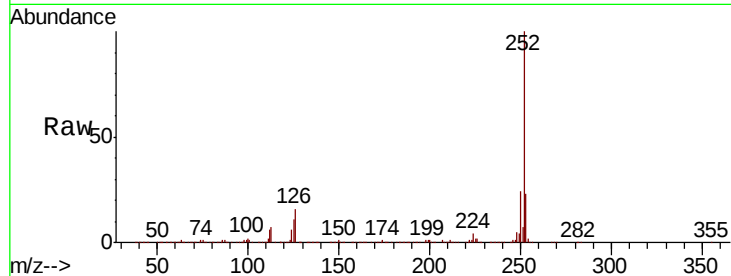
#89
Benzo(k)fluoranthene
Concen: 31.394 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMS

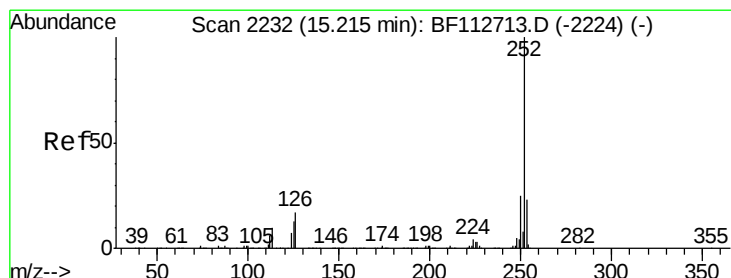
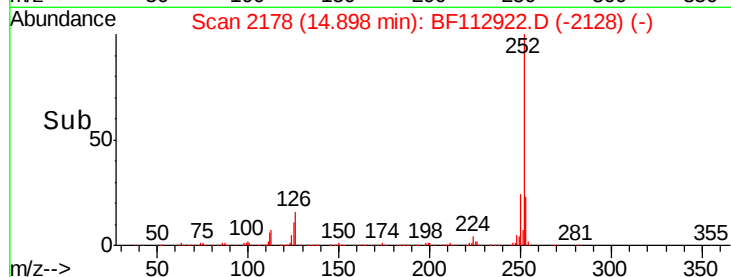
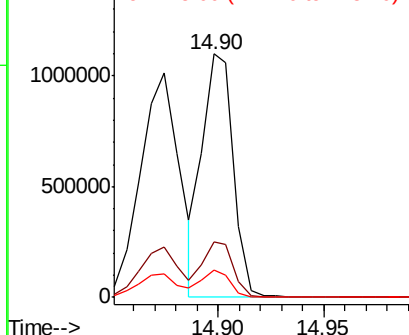
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	11.4	9.8	14.6

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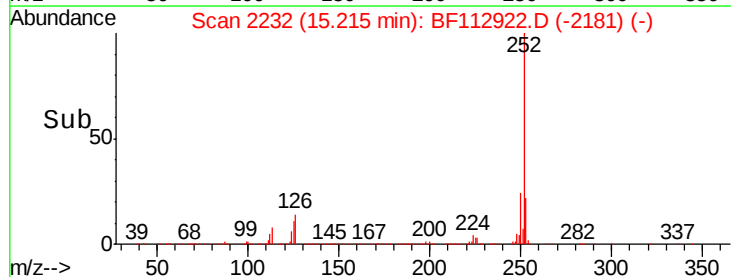
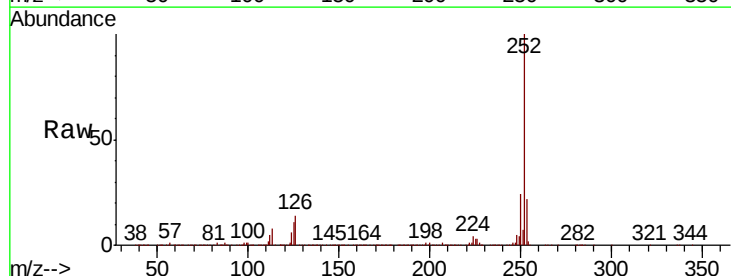
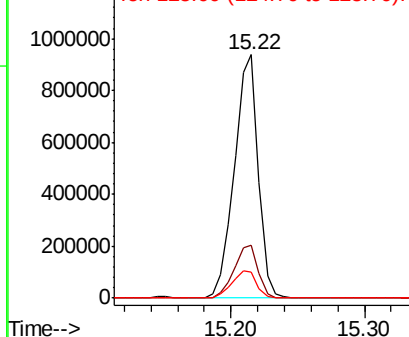
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

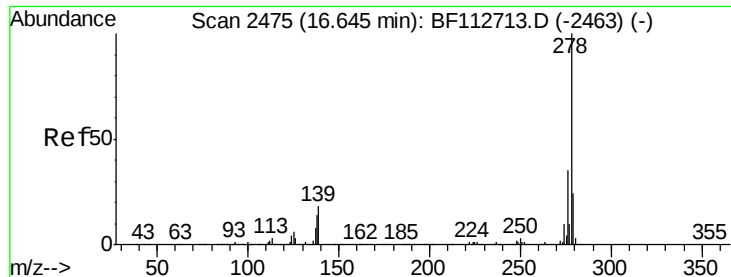


#90
Benzo(a)pyrene
Concen: 33.650 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	10.8	10.7	16.1

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





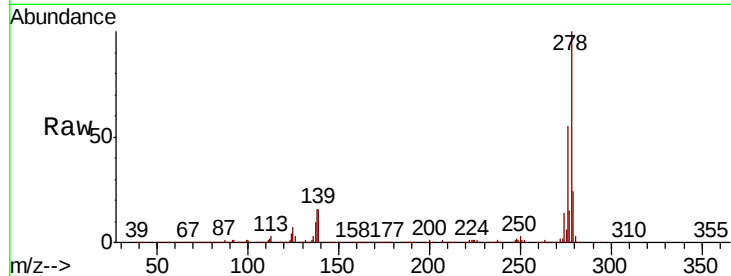
#91
Dibenzo(a,h)anthracene
Concen: 38.414 ng
RT: 16.64 min Scan# 2475
Delta R.T. 0.00 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMS

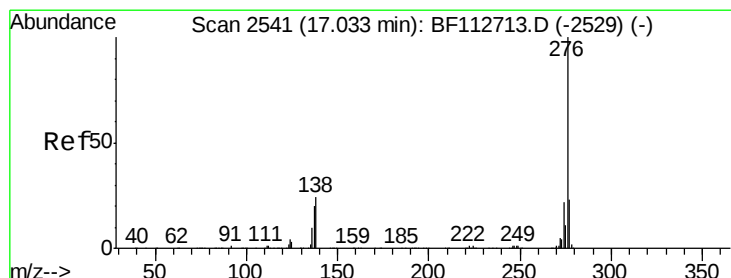
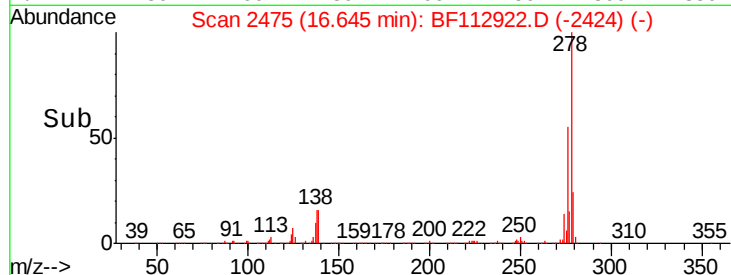
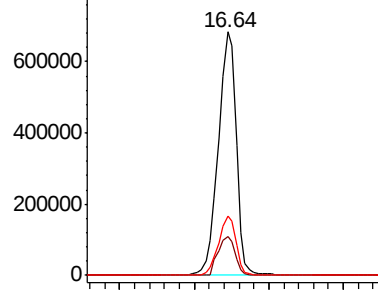
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	14.3	21.5
279	24.5	19.4	29.0

Manual Integrations
APPROVED

Sohil
3/8/2019 9:26:05 AM

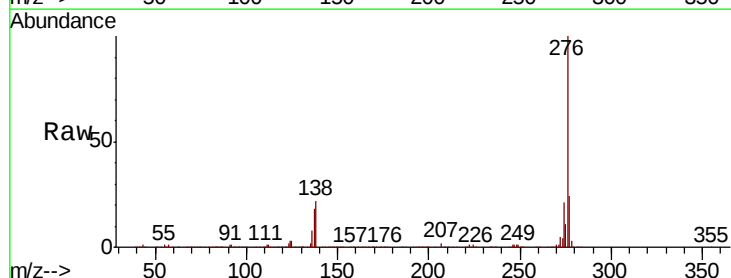


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.526 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	27.8
138	21.8	19.4	29.0



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

