

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121406.D
 Acq On : 24 Aug 2020 18:53
 Operator : JU/CG
 Sample : L3773-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DRUM-COMPMSD

Quant Time: Aug 24 19:16:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	132540	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	450195	20.00	ng	0.01
39) Acenaphthene-d10	9.75	164	218866	20.00	ng	0.02
64) Phenanthrene-d10	11.23	188	416350	20.00	ng	0.02
76) Chrysene-d12	13.86	240	309712	20.00	ng	0.02
86) Perylene-d12	15.27	264	333778	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	811969	100.45	ng	0.02
7) Phenol-d6	6.35	99	965671	93.58	ng	0.00
23) Nitrobenzene-d5	7.27	82	664546	83.48	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	234300	91.87	ng	0.02
45) 2-Fluorobiphenyl	9.06	172	1069448	95.38	ng	0.01
79) Terphenyl-d14	12.81	244	1057634	66.73	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	159019	43.475	ng	100
3) Pyridine	3.08	79	381119	38.823	ng	99
4) n-Nitrosodimethylamine	3.03	42	191256	47.865	ng	99
6) Aniline	6.36	93	397314	33.346	ng	# 65
8) 2-Chlorophenol	6.49	128	417690	49.441	ng	99
9) Benzaldehyde	6.25	77	246263	42.423	ng	97
10) Phenol	6.36	94	468253	43.279	ng	95
11) bis(2-Chloroethyl)ether	6.44	93	393074	47.172	ng	96
12) 1,3-Dichlorobenzene	6.64	146	418487	44.214	ng	99
13) 1,4-Dichlorobenzene	6.72	146	419734	43.928	ng	99
14) 1,2-Dichlorobenzene	6.87	146	399673	43.922	ng	98
15) Benzyl Alcohol	6.85	79	328543	52.918	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	520285	42.406	ng	89
17) 2-Methylphenol	6.97	107	317744	45.583	ng	95
18) Hexachloroethane	7.20	117	155995	43.846	ng	95
19) n-Nitroso-di-n-propylamine	7.12	70	252235	45.452	ng	99
20) 3+4-Methylphenols	7.12	107	381180	57.434	ng	94
22) Acetophenone	7.11	105	520099	49.415	ng	95
24) Nitrobenzene	7.29	77	401584	49.499	ng	99
25) Isophorone	7.53	82	771611	53.265	ng	# 98
26) 2-Nitrophenol	7.60	139	212579	51.090	ng	96
27) 2,4-Dimethylphenol	7.65	122	347580	58.543	ng	97
28) bis(2-Chloroethoxy)methane	7.74	93	455248	46.166	ng	95
29) 2,4-Dichlorophenol	7.85	162	334333	51.577	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	345831	46.654	ng	99
31) Naphthalene	8.01	128	1074448	47.954	ng	99
32) Benzoic acid	7.65	122	347580	70.922	ng	# 15
33) 4-Chloroaniline	8.06	127	331943	33.457	ng	96
34) Hexachlorobutadiene	8.12	225	202569	46.177	ng	99
35) Caprolactam	8.44	113	51170	24.103	ng	# 53
36) 4-Chloro-3-methylphenol	8.56	107	320841	48.938	ng	99
37) 2-Methylnaphthalene	8.70	142	690049	47.516	ng	99
38) 1-Methylnaphthalene	8.80	142	617478	44.717	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	293468	45.177	ng	99

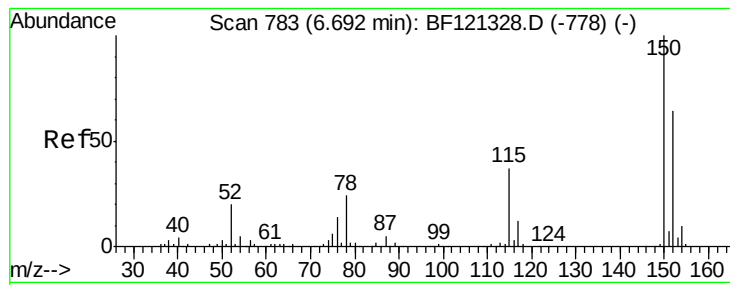
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121406.D
 Acq On : 24 Aug 2020 18:53
 Operator : JU/CG
 Sample : L3773-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DRUM-COMPMSD

Quant Time: Aug 24 19:16:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	167782	66.359	ng	99
43) 2,4,6-Trichlorophenol	8.99	196	193273	43.521	ng	99
44) 2,4,5-Trichlorophenol	9.03	196	213310	46.687	ng	# 93
46) 1,1'-Biphenyl	9.16	154	625082	38.105	ng	100
47) 2-Chloronaphthalene	9.19	162	554441	41.025	ng	99
48) 2-Nitroaniline	9.29	65	211037	49.595	ng	96
49) Acenaphthylene	9.60	152	951203	47.385	ng	99
50) Dimethylphthalate	9.47	163	635835	39.932	ng	99
51) 2,6-Dinitrotoluene	9.53	165	154715	45.496	ng	92
52) Acenaphthene	9.78	154	529640	43.424	ng	98
53) 3-Nitroaniline	9.70	138	153801	36.154	ng	# 90
54) 2,4-Dinitrophenol	9.82	184	11998	7.318	ng	# 55
55) Dibenzofuran	9.95	168	771147	50.153	ng	99
56) 4-Nitrophenol	9.88	139	220683	84.116	ng	92
57) 2,4-Dinitrotoluene	9.94	165	174361	42.029	ng	93
58) Fluorene	10.29	166	575311	51.075	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	145990	37.378	ng	# 70
60) Diethylphthalate	10.17	149	622688	40.047	ng	100
61) 4-Chlorophenyl-phenylether	10.28	204	285518	50.259	ng	92
62) 4-Nitroaniline	10.32	138	175126	40.177	ng	94
63) Azobenzene	10.45	77	609401	42.197	ng	98
65) 4,6-Dinitro-2-methylphenol	10.36	198	19823	8.903	ng	# 32
66) n-Nitrosodiphenylamine	10.40	169	463684	36.105	ng	99
67) 4-Bromophenyl-phenylether	10.77	248	196928	42.640	ng	# 93
68) Hexachlorobenzene	10.85	284	212166	39.854	ng	98
69) Atrazine	10.93	200	186939	46.989	ng	98
70) Pentachlorophenol	11.04	266	98757	41.694	ng	99
71) Phenanthrene	11.25	178	894107	41.493	ng	99
72) Anthracene	11.30	178	901866	43.462	ng	100
73) Carbazole	11.46	167	861441	43.499	ng	99
74) Di-n-butylphthalate	11.79	149	989849	41.451	ng	99
75) Fluoranthene	12.44	202	1039631	44.450	ng	98
77) Benzidine	12.56	184	650341	76.217	ng	98
78) Pyrene	12.67	202	1050926	45.173	ng	99
80) Butylbenzylphthalate	13.28	149	488044	48.821	ng	100
81) Benzo(a)anthracene	13.85	228	849488	44.160	ng	99
82) 3,3'-Dichlorobenzidine	13.81	252	159624	21.612	ng	98
83) Chrysene	13.89	228	860062	43.715	ng	100
84) Bis(2-ethylhexyl)phthalate	13.84	149	606859	51.621	ng	# 99
85) Di-n-octyl phthalate	14.45	149	1001263	46.022	ng	100
87) Indeno(1,2,3-cd)pyrene	16.65	276	1026877	50.400	ng	100
88) Benzo(b)fluoranthene	14.87	252	835065	38.726	ng	99
89) Benzo(k)fluoranthene	14.90	252	778525	41.015	ng	99
90) Benzo(a)pyrene	15.22	252	744957	39.983	ng	98
91) Dibenzo(a,h)anthracene	16.66	278	833299	49.882	ng	99
92) Benzo(g,h,i)perylene	17.07	276	893775	54.727	ng	99

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

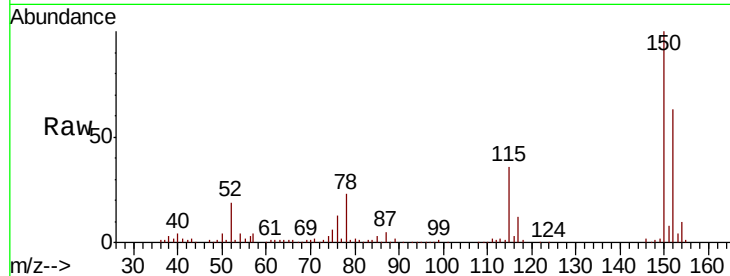


#1

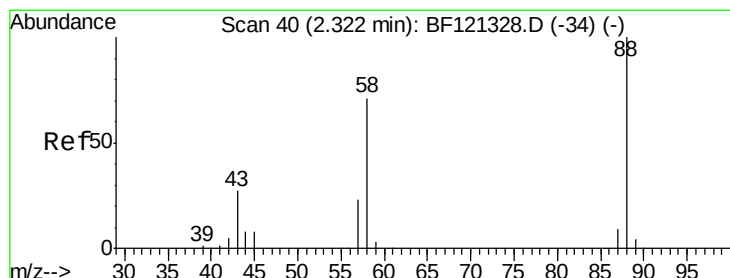
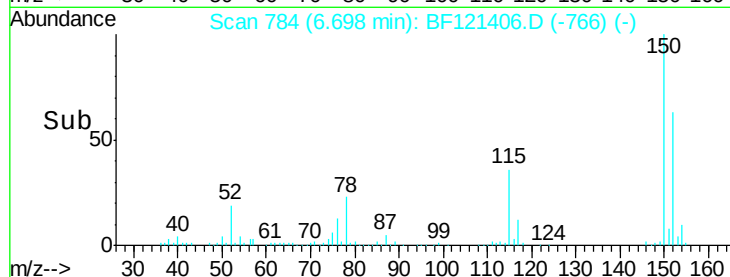
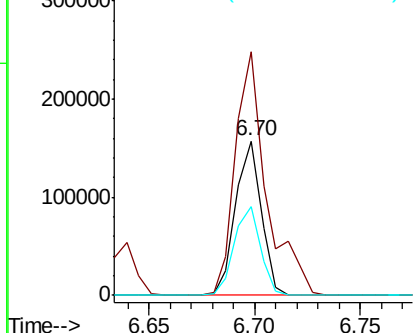
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_P
ClientSampleId :
DRUM-COMPMSD

Tot Ion:152 Resp: 132540
Ion Ratio Lower Upper
152 100
150 157.6 124.8 187.2
115 57.0 46.1 69.1



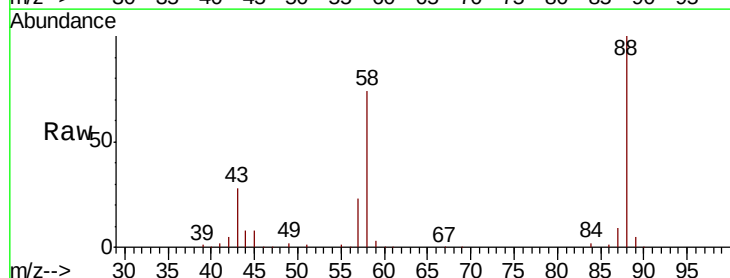
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



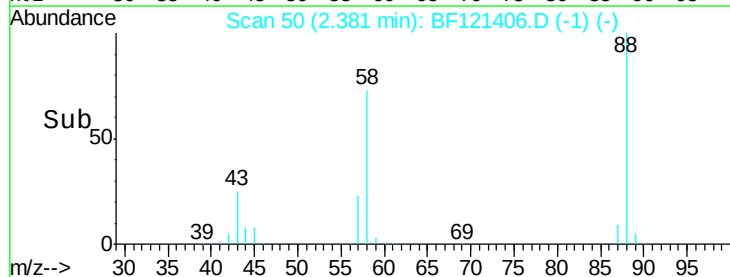
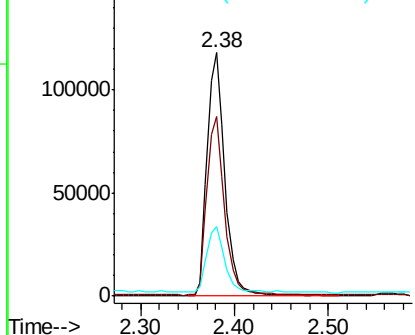
#2

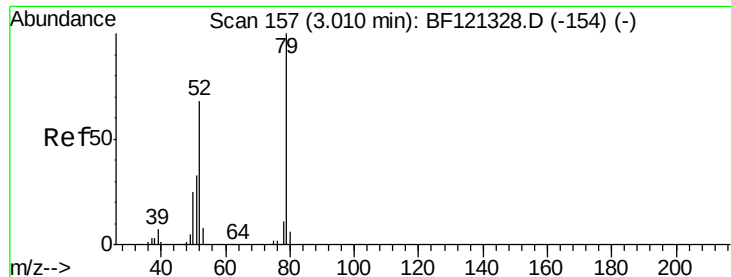
1,4-Dioxane
Concen: 43.475 ng
RT: 2.38 min Scan# 50
Delta R.T. 0.06 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion: 88 Resp: 159019
Ion Ratio Lower Upper
88 100
58 72.9 58.5 87.7
43 27.8 21.8 32.8



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

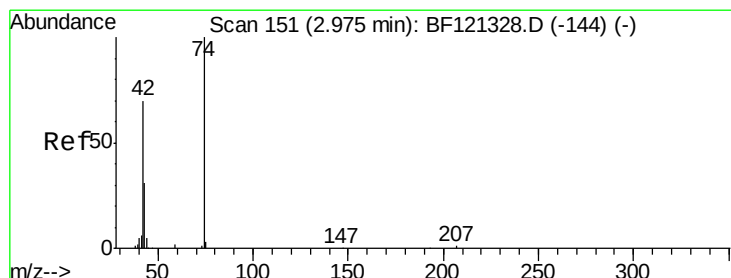
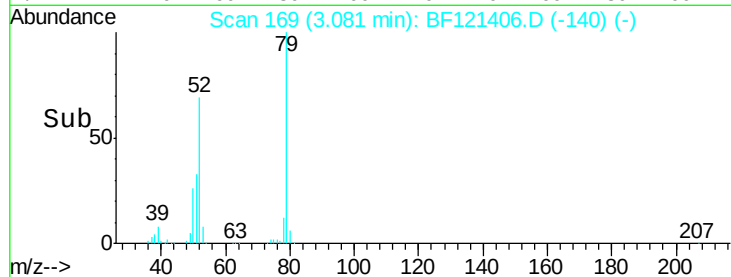
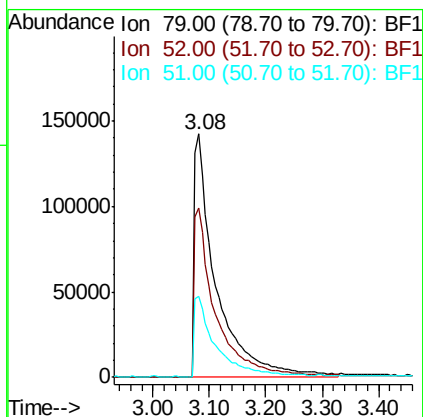
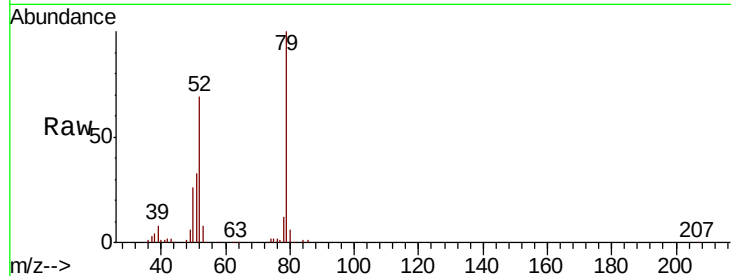




#3
 Pvridine
 Concen: 38.823 ng
 RT: 3.08 min Scan# 169
 Delta R.T. 0.07 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

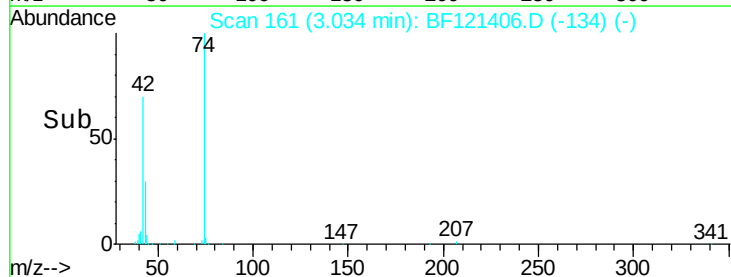
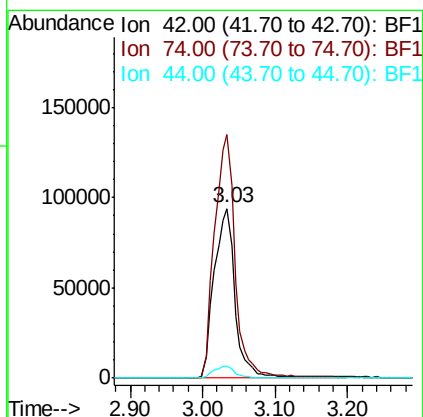
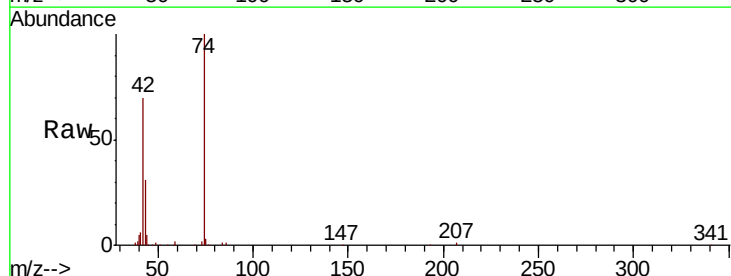
Instrument :
 BNA_P
 ClientSampleId :
 DRUM-COMPMSD

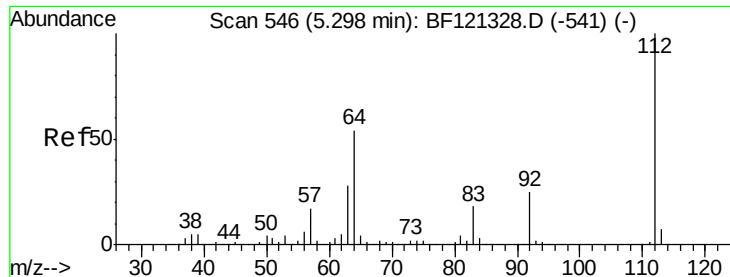
Tot Ion: 79 Resp: 381119
 Ion Ratio Lower Upper
 79 100
 52 69.3 54.6 82.0
 51 33.2 27.0 40.6



#4
 n-Nitrosodimethylamine
 Concen: 47.865 ng
 RT: 3.03 min Scan# 161
 Delta R.T. 0.06 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Tgt Ion: 42 Resp: 191256
 Ion Ratio Lower Upper
 42 100
 74 143.7 114.2 171.2
 44 6.9 5.4 8.2

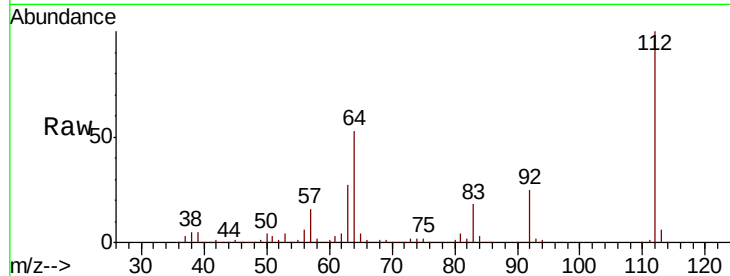




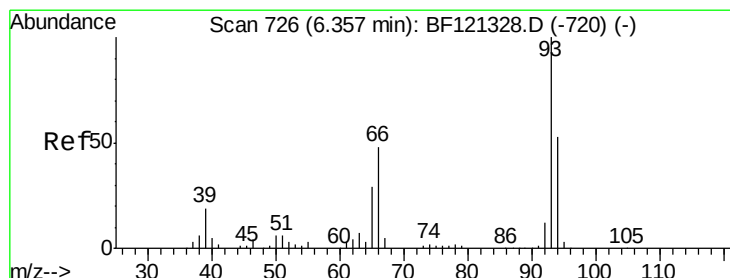
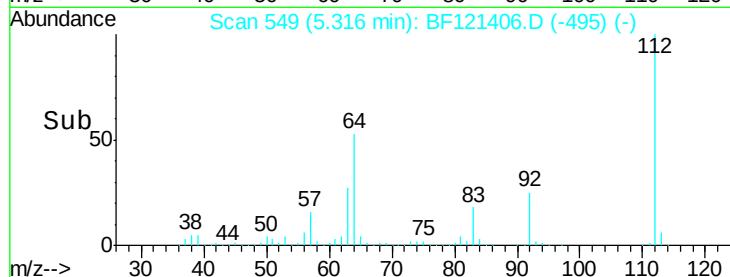
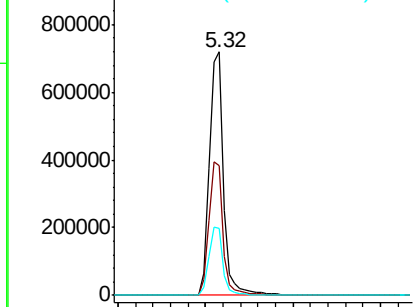
#5
2-Fluorophenol
Concen: 100.454 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_P
ClientSampleId :
DRUM-COMPMSD

Tot Ion	Ratio	Lower	Upper
112	100		
64	53.3	43.5	65.3
63	27.4	22.0	33.0

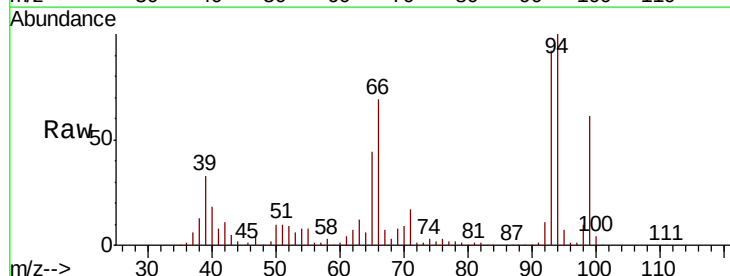


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

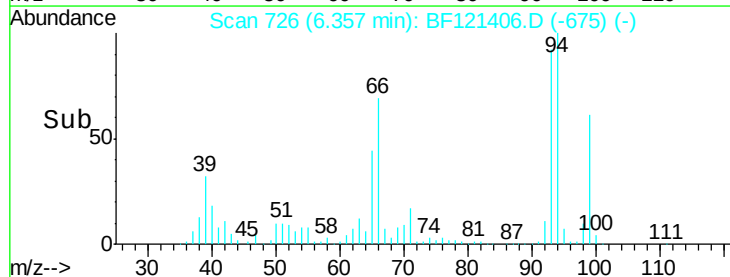
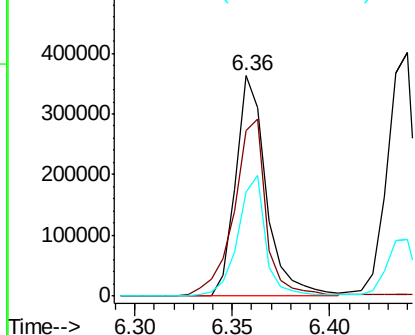


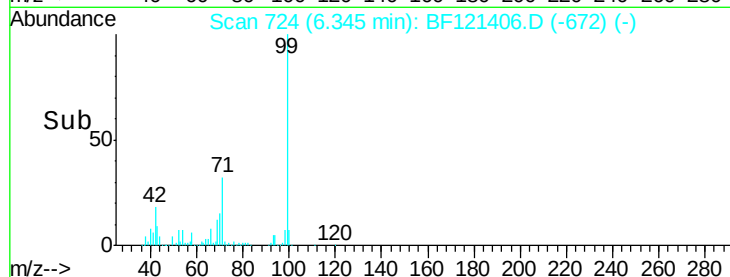
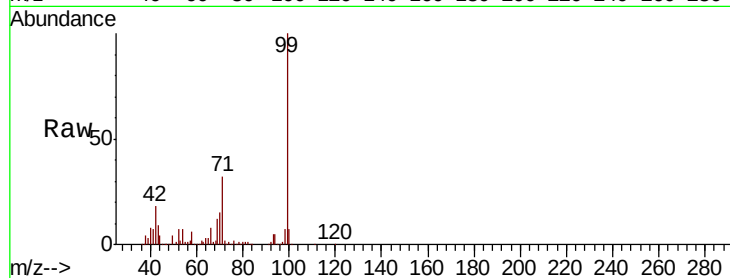
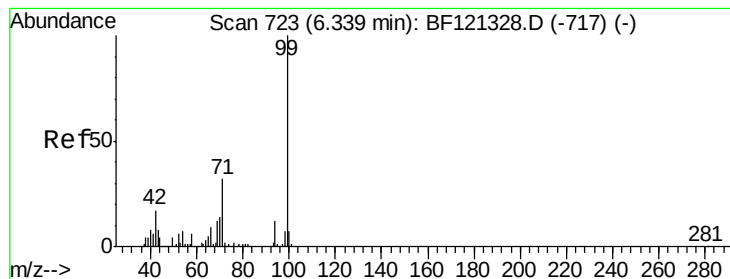
#6
Aniline
Concen: 33.346 ng
RT: 6.36 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
93	100		
66	75.0	40.2	60.2#
65	47.5	23.6	35.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 93.585 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

Instrument :

BNA_P

ClientSampleId :

DRUM-COMPMSD

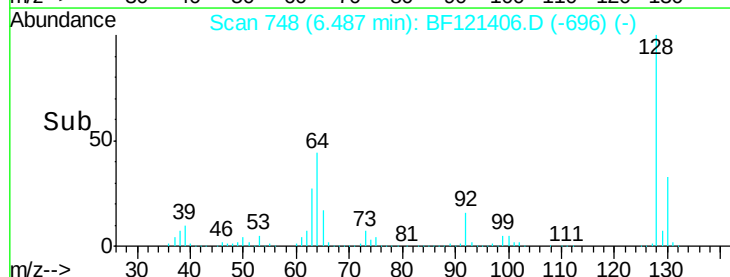
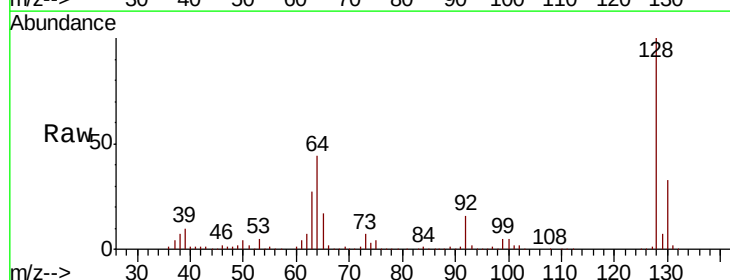
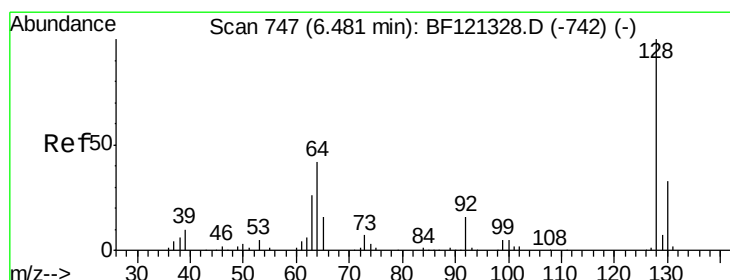
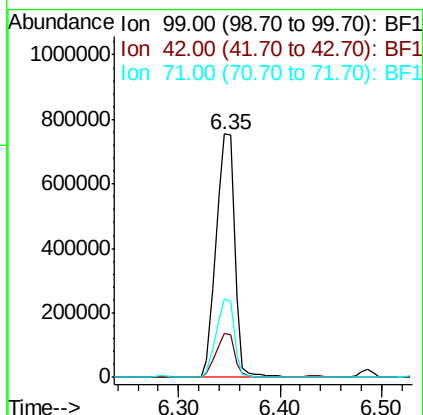
Tot Ion: 99 Resp: 965671

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

71 32.4 25.2 37.8



#8

2-Chlorophenol

Concen: 49.441 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

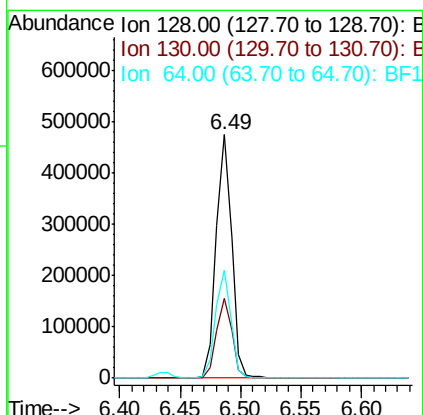
Tgt Ion: 128 Resp: 417690

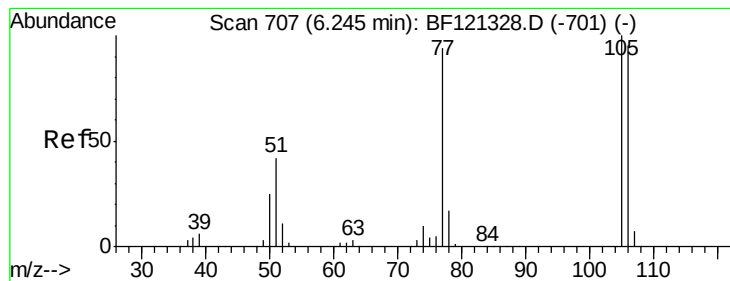
Ion Ratio Lower Upper

128 100

130 32.8 12.8 52.8

64 44.2 23.4 63.4





#9

Benzaldehyde

Concen: 42.423 ng

RT: 6.25 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

Instrument :

BNA_P

ClientSampleId :

DRUM-COMPMSD

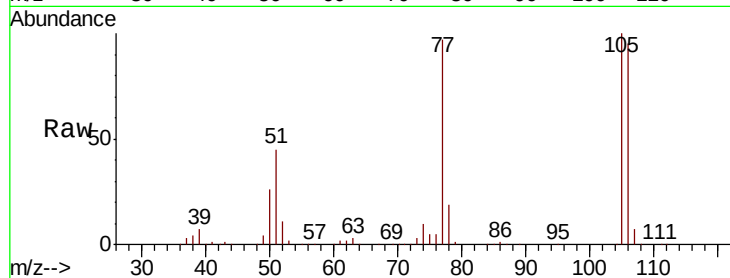
Tot Ion: 77 Resp: 246263

Ion Ratio Lower Upper

77 100

105 102.9 86.3 126.3

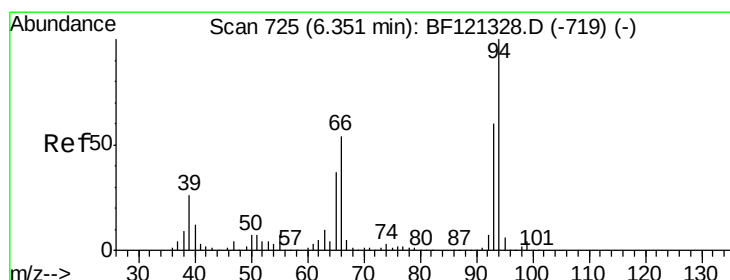
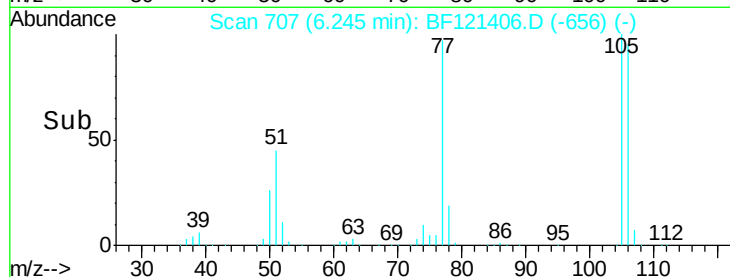
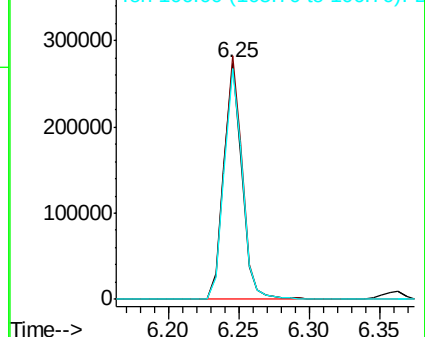
106 97.6 81.2 121.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.279 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

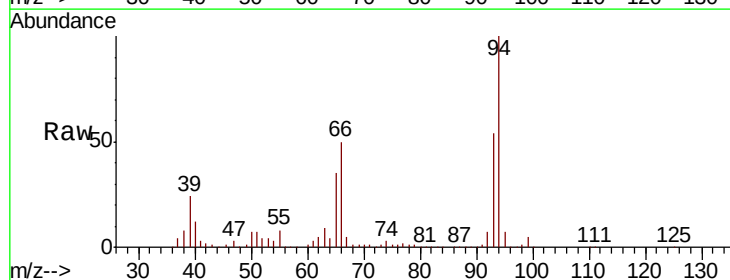
Tgt Ion: 94 Resp: 468253

Ion Ratio Lower Upper

94 100

65 34.6 16.6 56.6

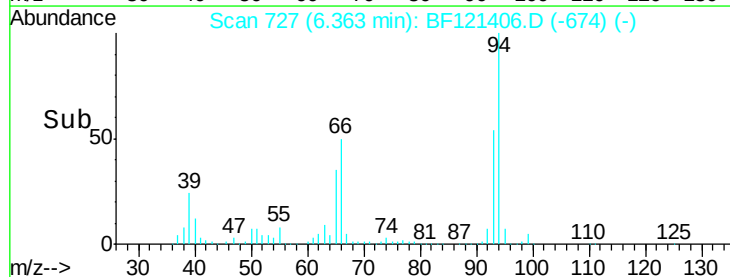
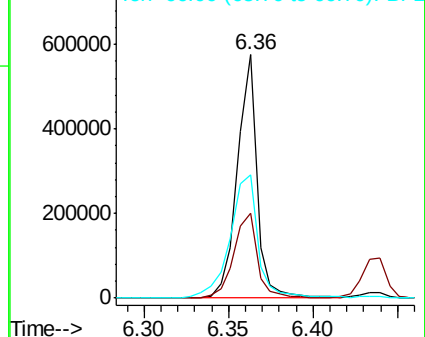
66 50.4 34.3 74.3

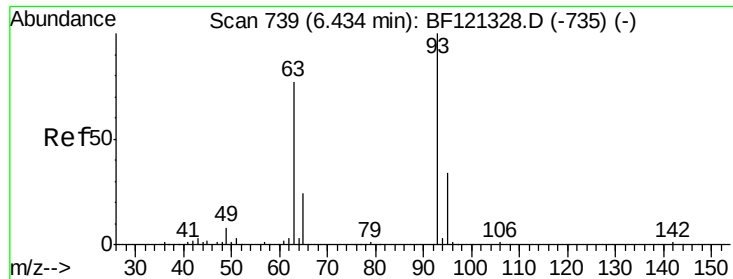


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

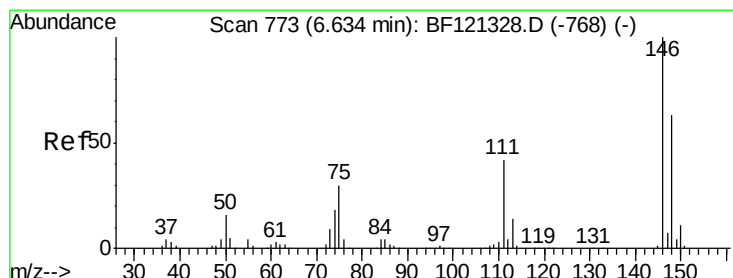
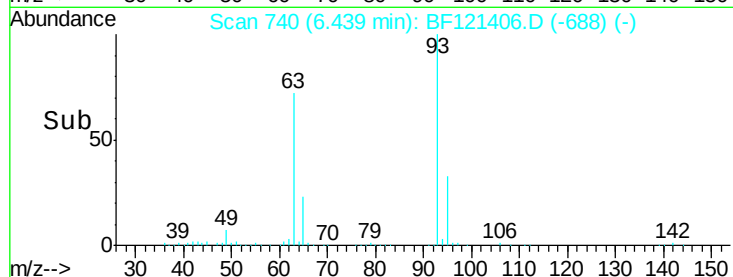
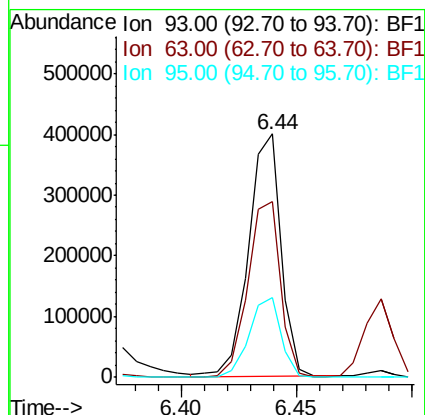
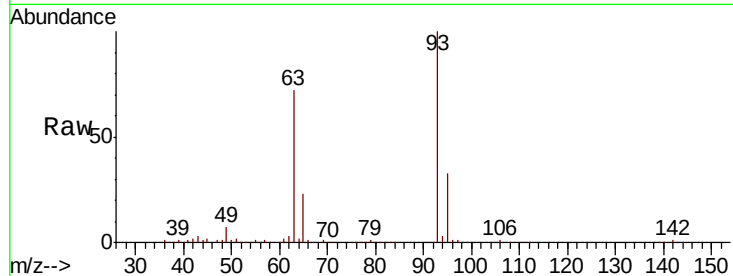




#11
bis(2-Chloroethyl)ether
Concen: 47.172 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

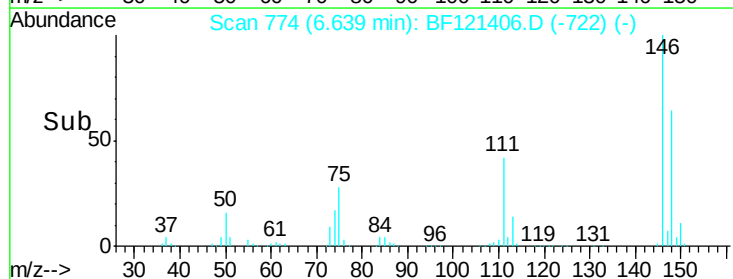
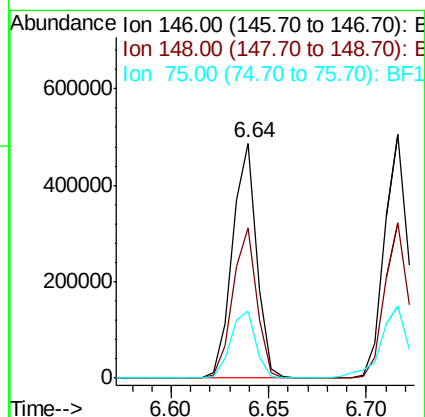
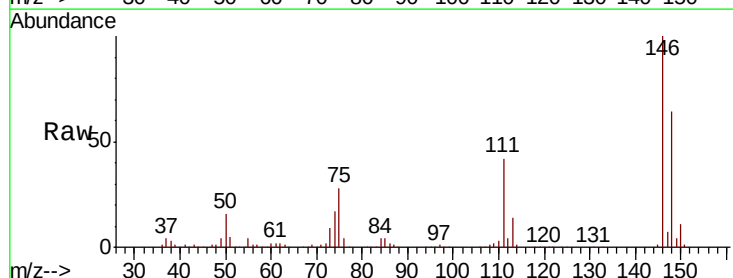
Instrument :
BNA_P
ClientSampleId :
DRUM-COMPMSD

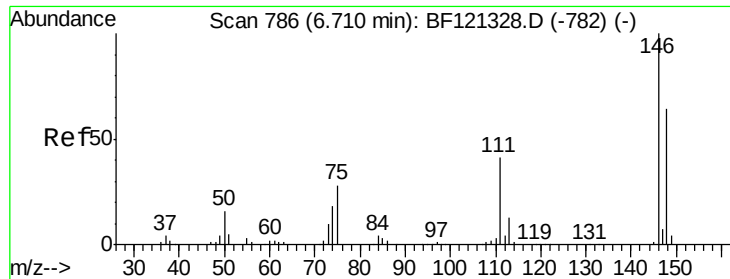
Tot Ion: 93 Resp: 393074
Ion Ratio Lower Upper
93 100
63 72.1 56.4 96.4
95 32.9 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 44.214 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion: 146 Resp: 418487
Ion Ratio Lower Upper
146 100
148 63.8 50.7 76.1
75 28.3 23.8 35.6

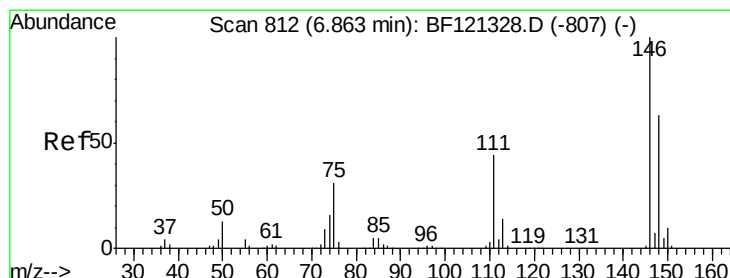
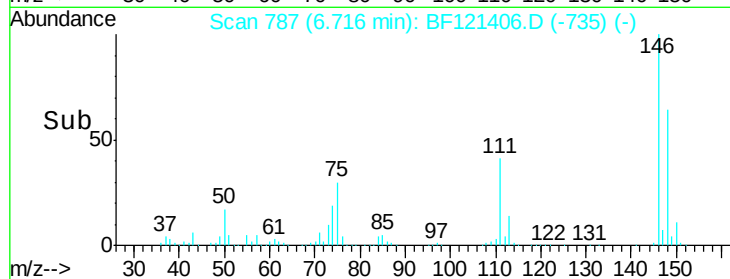
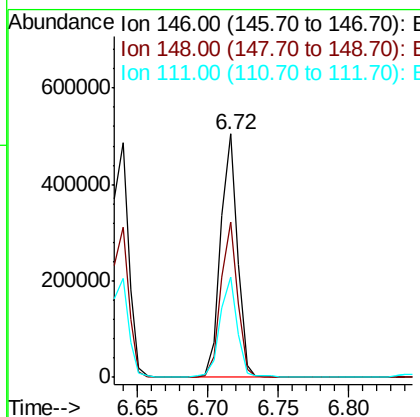
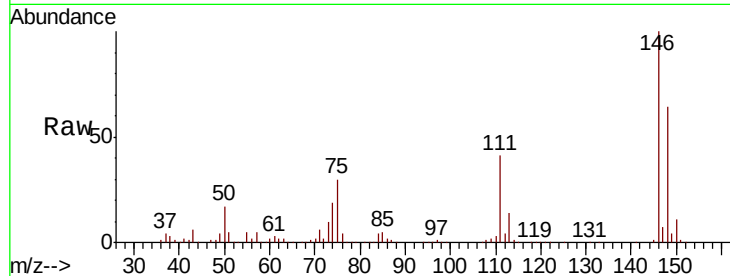




#13
 1,4-Dichlorobenzene
 Concen: 43.928 ng
 RT: 6.72 min Scan# 787
 Delta R.T. 0.01 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

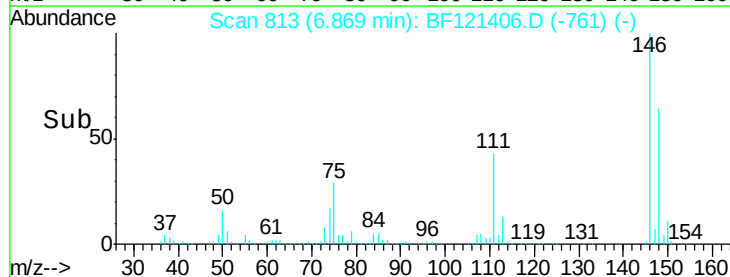
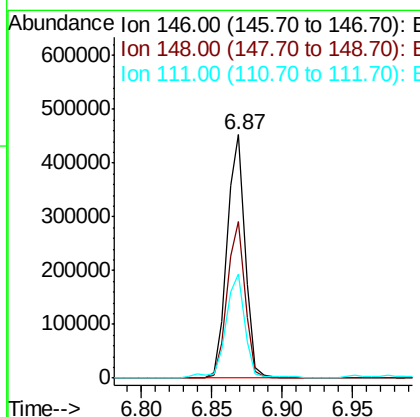
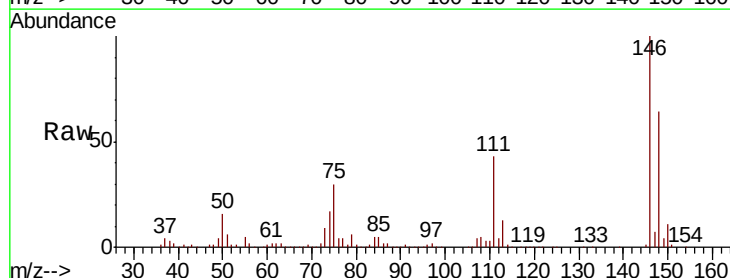
Instrument :
 BNA_P
 ClientSampleId :
 DRUM-COMPMSD

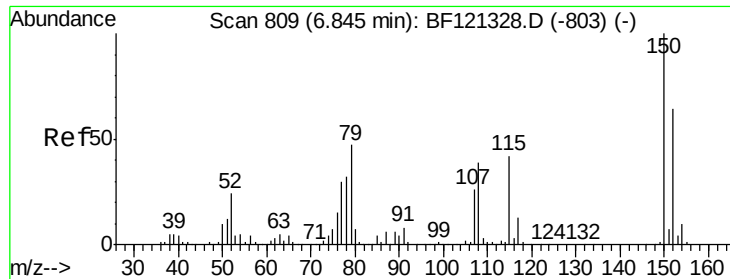
Tot Ion:146 Resp: 419734
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.2 76.8
 111 41.1 33.3 49.9



#14
 1,2-Dichlorobenzene
 Concen: 43.922 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.01 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Tgt Ion:146 Resp: 399673
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.3 75.5
 111 42.6 35.5 53.3

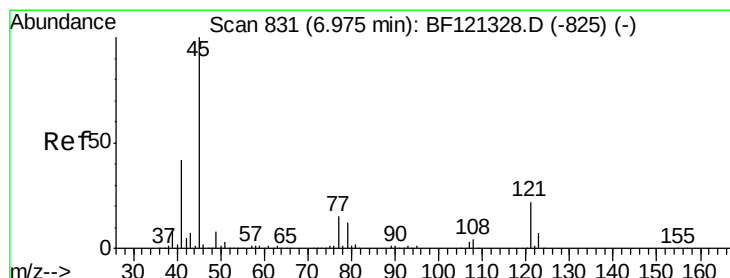
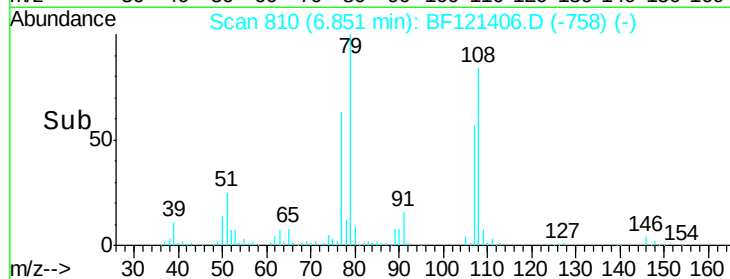
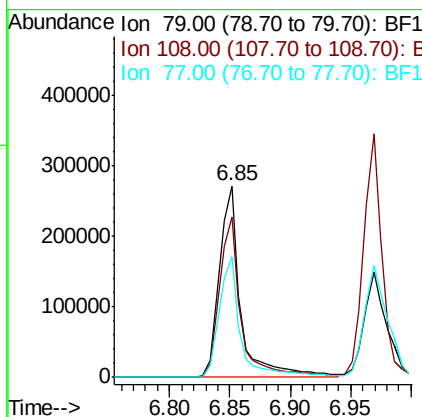
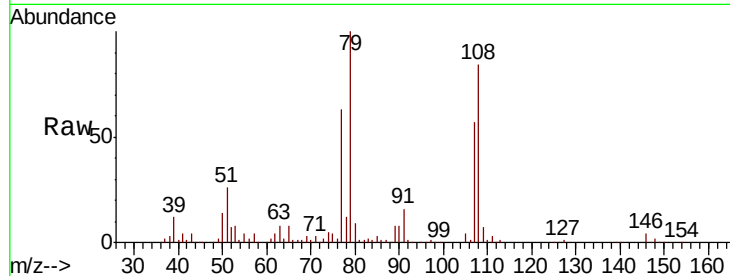




#15
Benzyl Alcohol
Concen: 52.918 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

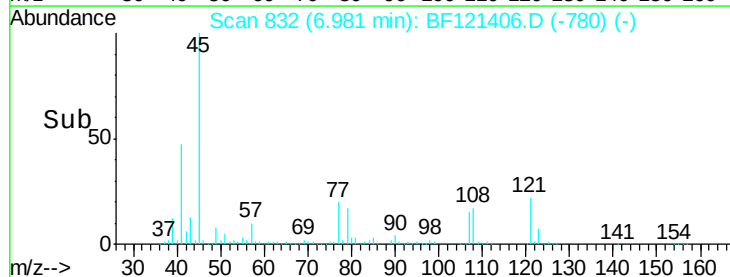
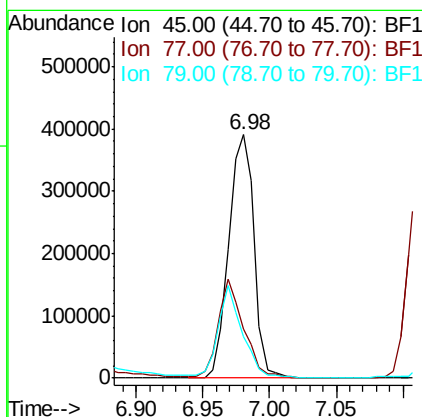
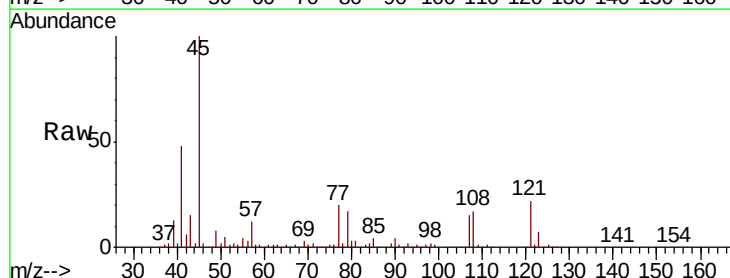
Instrument :
BNA_P
ClientSampleId :
DRUM-COMPMSD

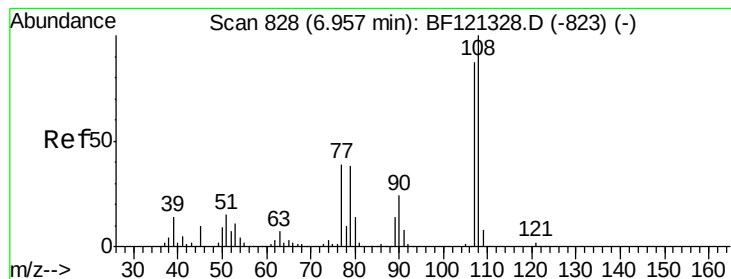
Tot Ion: 79 Resp: 328543
Ion Ratio Lower Upper
79 100
108 84.0 65.2 97.8
77 63.1 51.4 77.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.406 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion: 45 Resp: 520285
Ion Ratio Lower Upper
45 100
77 20.1 0.0 35.6
79 16.8 0.0 32.5





#17

2-Methylphenol

Concen: 45.583 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

Instrument :

BNA_P

ClientSampleId :

DRUM-COMPMSD

Tot Ion:107 Resp: 317744

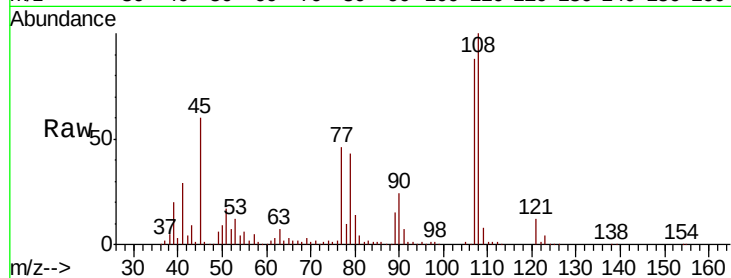
Ion Ratio Lower Upper

107 100

108 114.0 92.4 138.6

77 52.4 36.1 54.1

79 49.2 35.0 52.6

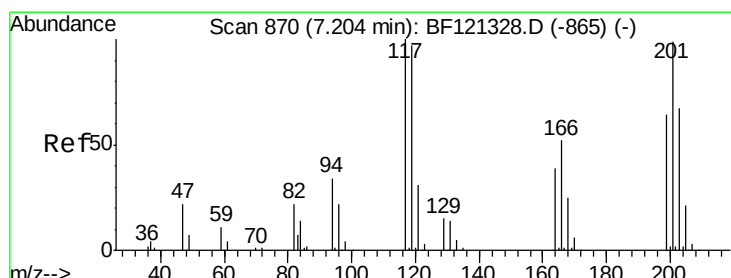
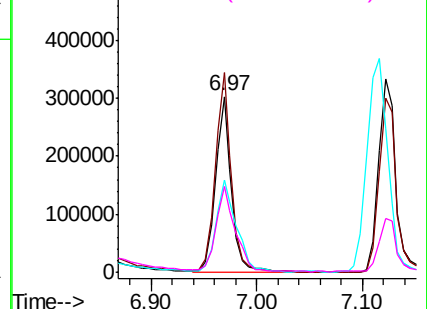
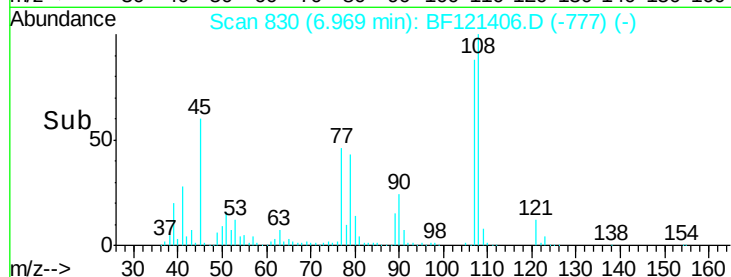


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 43.846 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

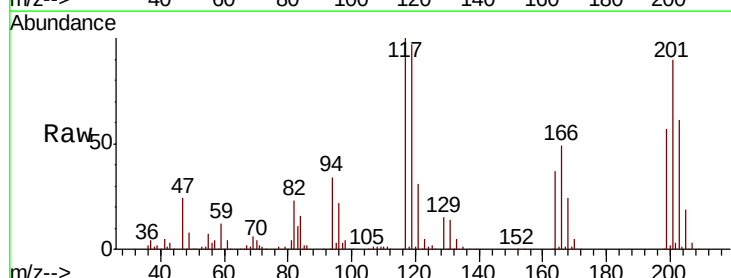
Tgt Ion:117 Resp: 155995

Ion Ratio Lower Upper

117 100

119 96.9 77.9 116.9

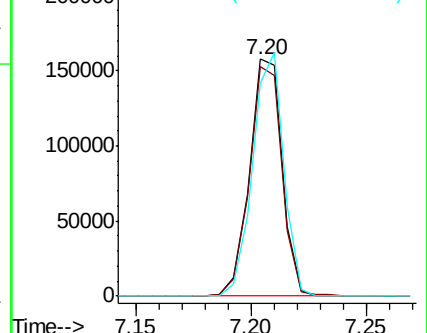
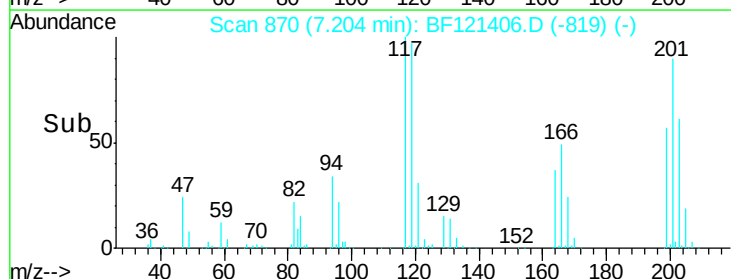
201 89.7 79.4 119.0

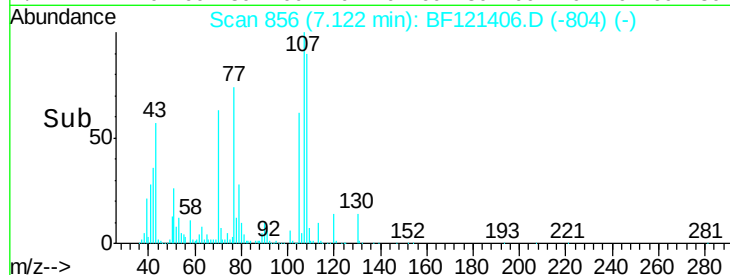
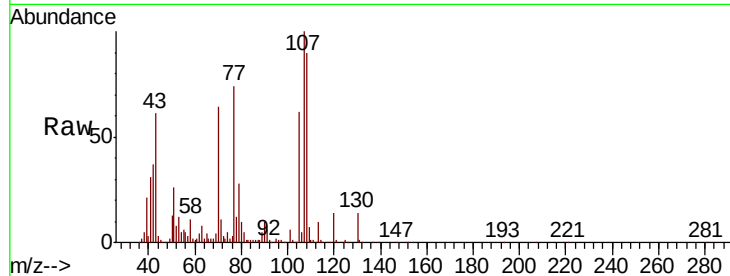
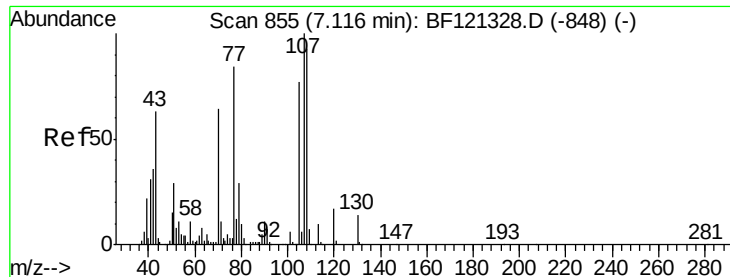


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

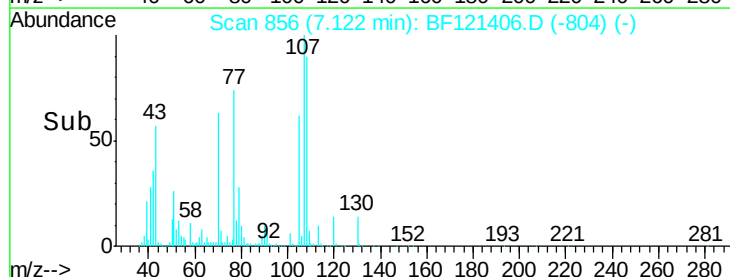
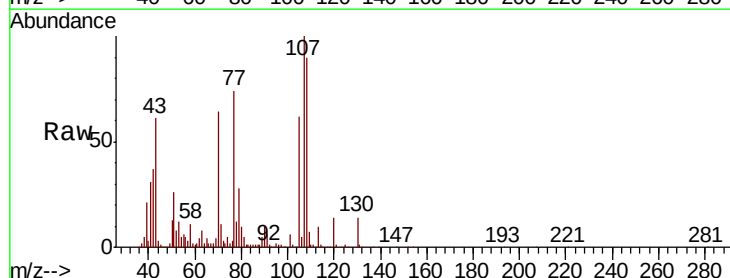
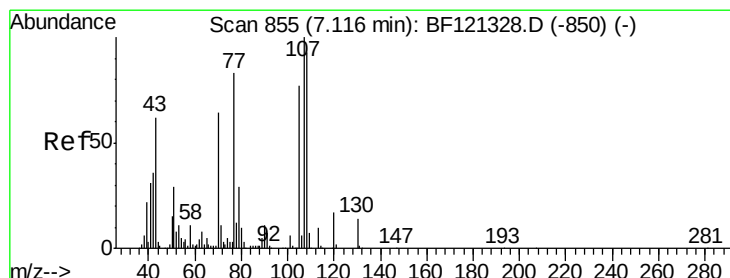
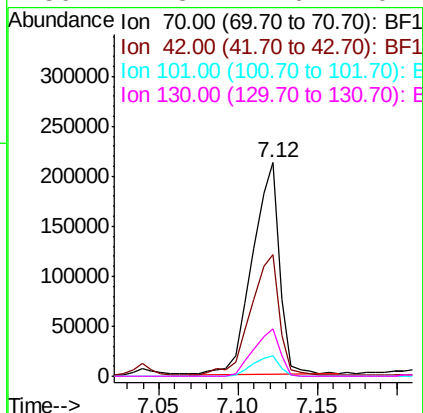




#19
n-Nitroso-di-n-propylamine
Concen: 45.452 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

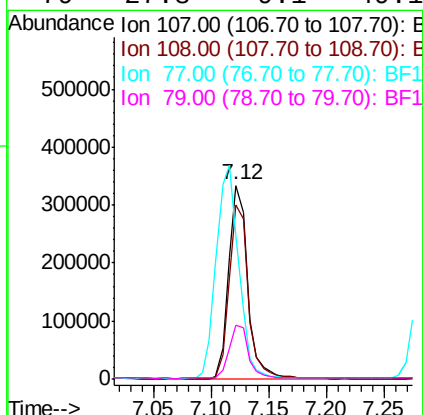
Instrument :
BNA_P
ClientSampleId :
DRUM-COMPMSD

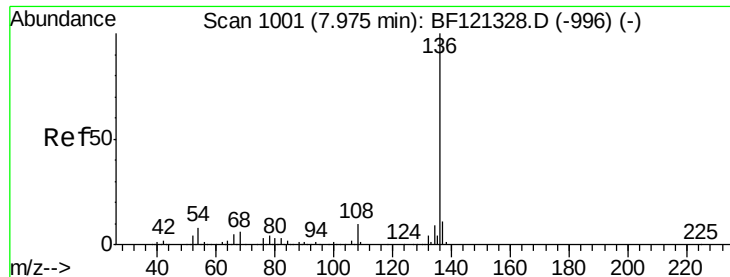
Tot Ion:	70	Resp:	252235
Ion	Ratio	Lower	Upper
70	100		
42	57.1	45.2	67.8
101	9.6	7.7	11.5
130	22.3	17.6	26.4



#20
3+4-Methylphenols
Concen: 57.434 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion:	107	Resp:	381180
Ion	Ratio	Lower	Upper
107	100		
108	89.7	72.6	112.6
77	73.8	63.8	103.8
79	27.8	9.1	49.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. 0.01 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

Instrument :

BNA_P

ClientSampleId :

DRUM-COMPMSD

Tot Ion:136 Resp: 450195

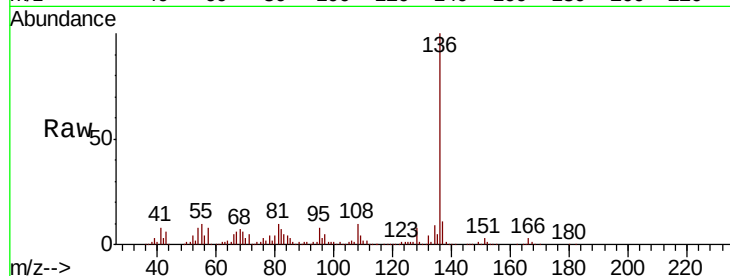
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.3 6.1 9.1

68 7.5 5.0 7.4#

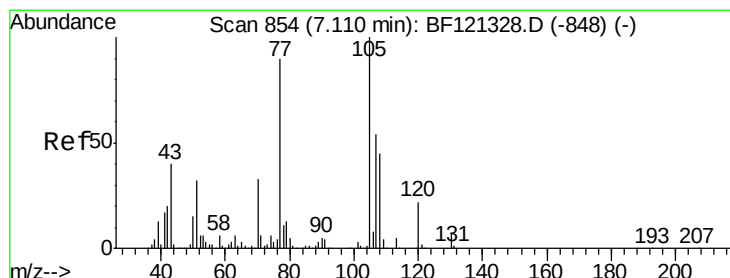
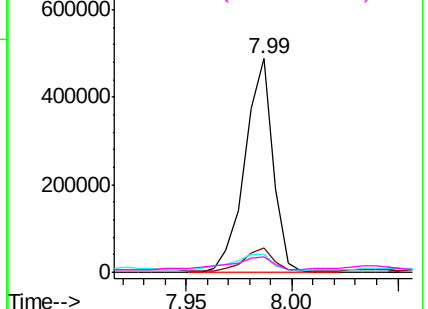
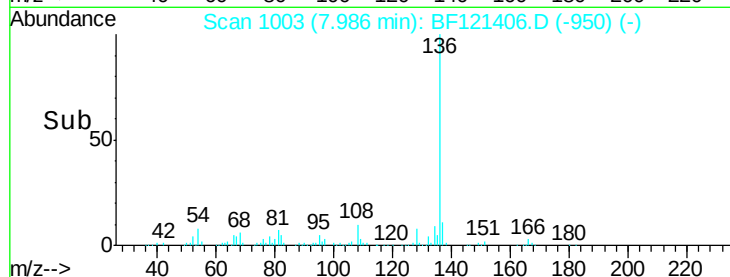


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 49.415 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

Tgt Ion:105 Resp: 520099

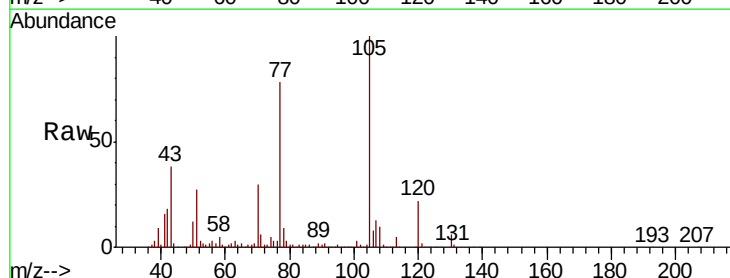
Ion Ratio Lower Upper

105 100

71 5.8 4.5 6.7

51 27.3 25.4 38.0

120 22.3 17.6 26.4

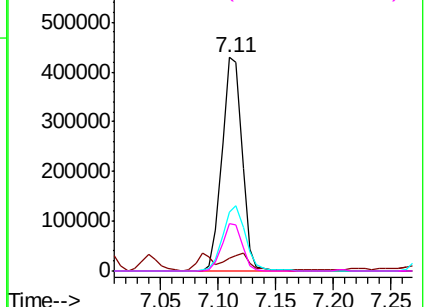
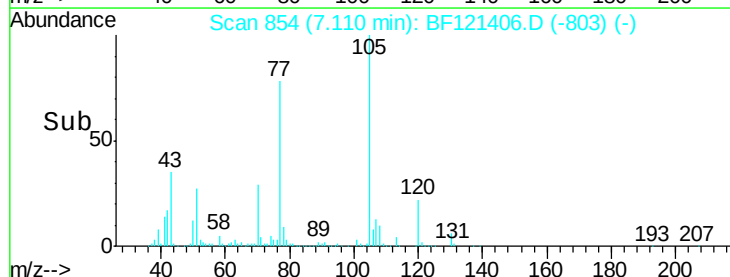


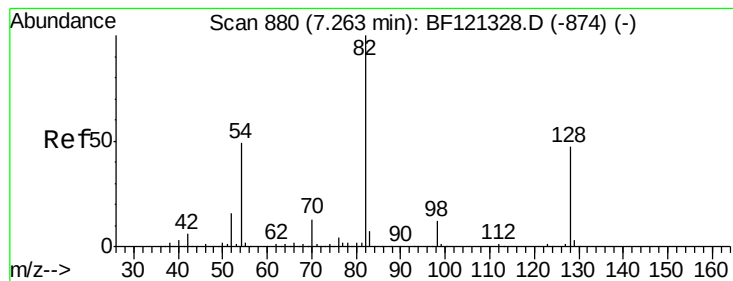
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 83.484 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

Instrument :

BNA_P

ClientSampleId :

DRUM-COMPMSD

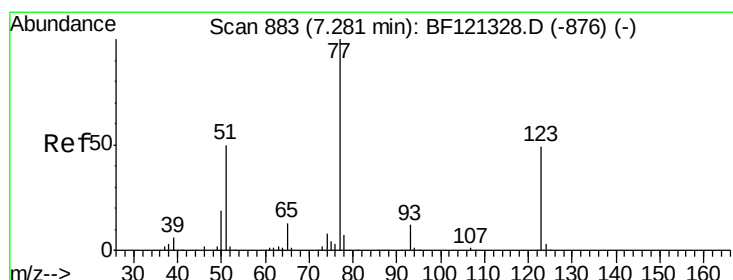
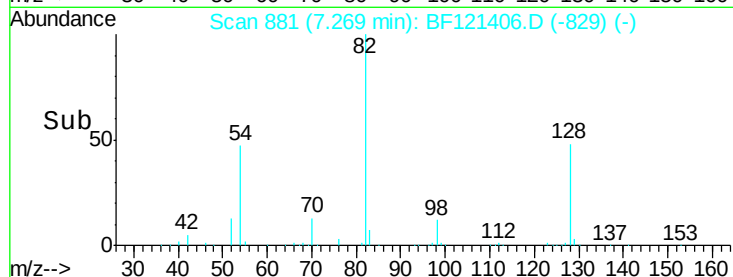
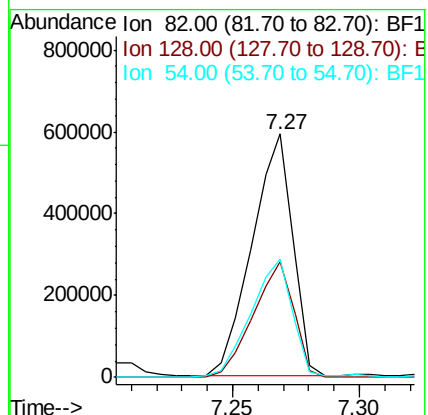
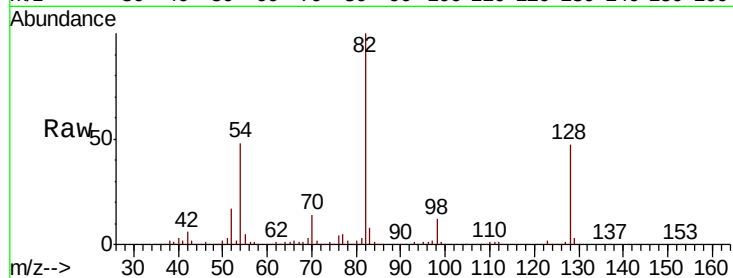
Tot Ion: 82 Resp: 664546

Ion Ratio Lower Upper

82 100

128 47.4 37.9 56.9

54 48.5 39.0 58.4



#24

Nitrobenzene

Concen: 49.499 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.01 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

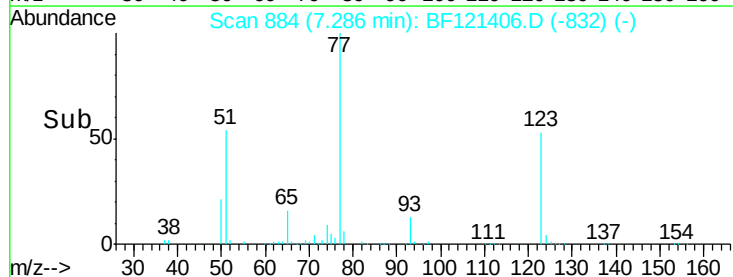
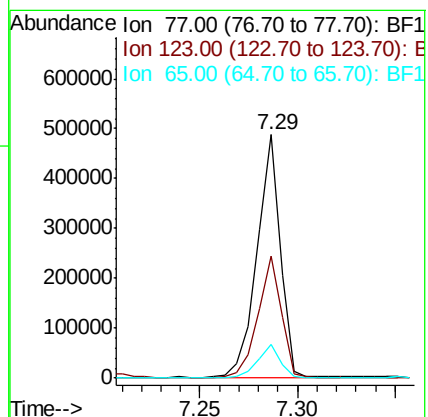
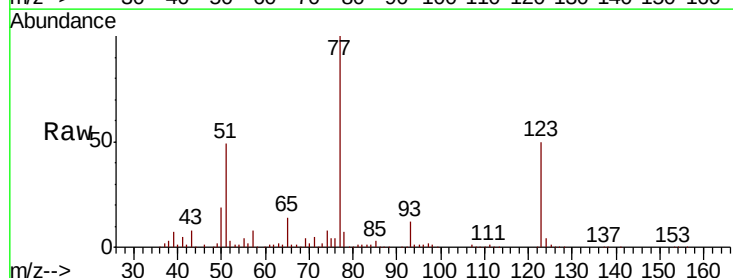
Tgt Ion: 77 Resp: 401584

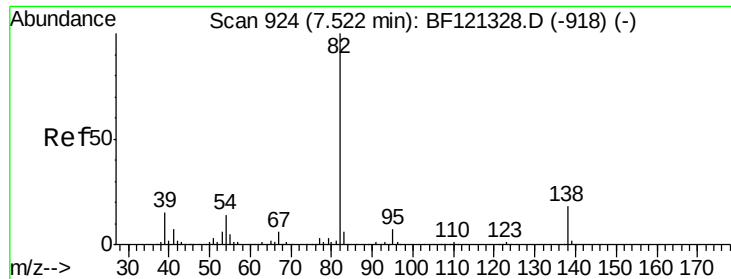
Ion Ratio Lower Upper

77 100

123 50.0 39.2 58.8

65 13.7 10.6 15.8





#25

Isophorone

Concen: 53.265 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.01 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

Instrument :

BNA_P

ClientSampleId :

DRUM-COMPMSD

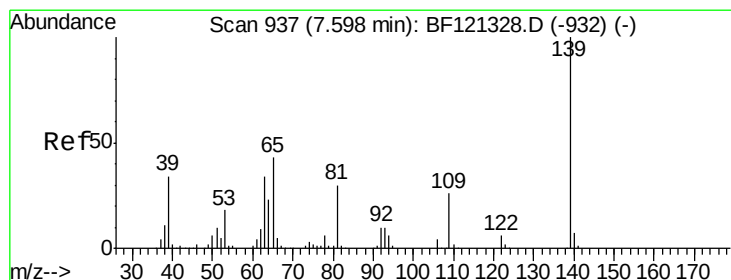
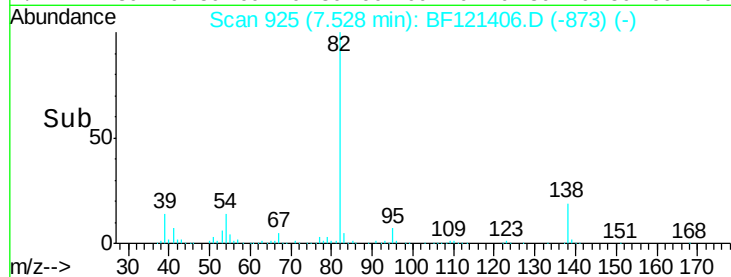
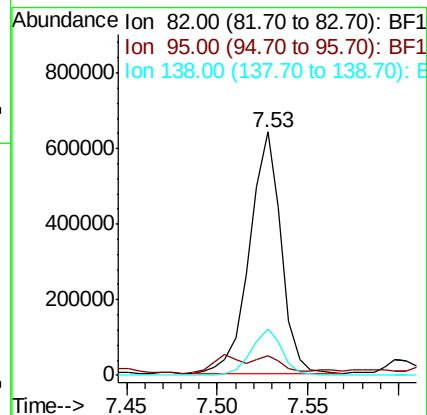
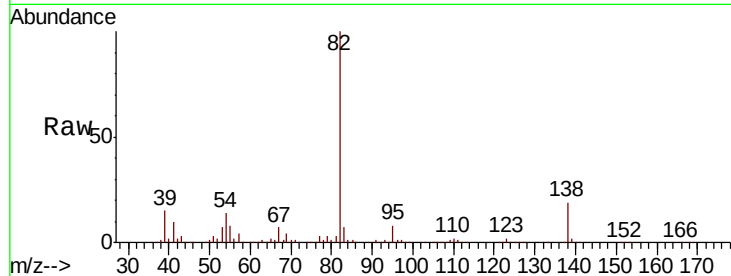
Tot Ion: 82 Resp: 771611

Ion Ratio Lower Upper

82 100

95 8.3 5.3 7.9#

138 18.9 14.6 21.8



#26

2-Nitrophenol

Concen: 51.090 ng

RT: 7.60 min Scan# 938

Delta R.T. 0.01 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

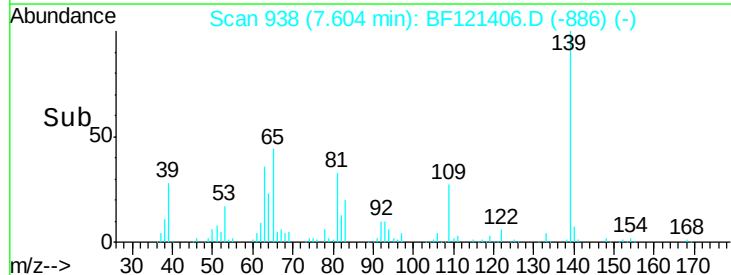
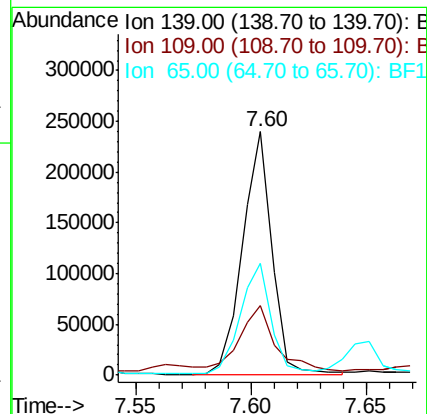
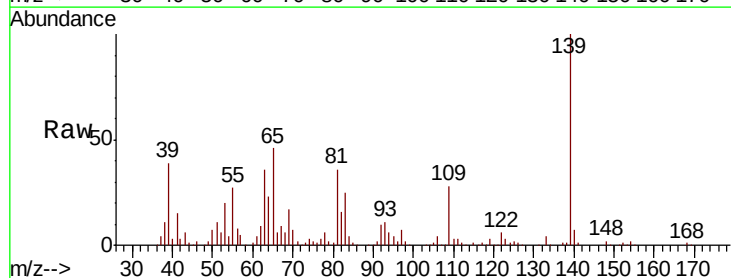
Tgt Ion: 139 Resp: 212579

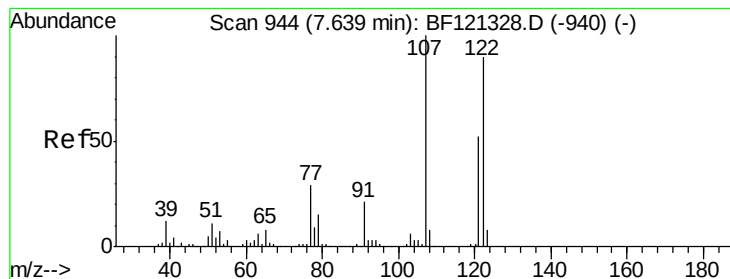
Ion Ratio Lower Upper

139 100

109 28.5 21.1 31.7

65 45.7 34.5 51.7





#27

2,4-Dimethylphenol

Concen: 58.543 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.01 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

Instrument :

BNA_P

ClientSampleId :

DRUM-COMPMSD

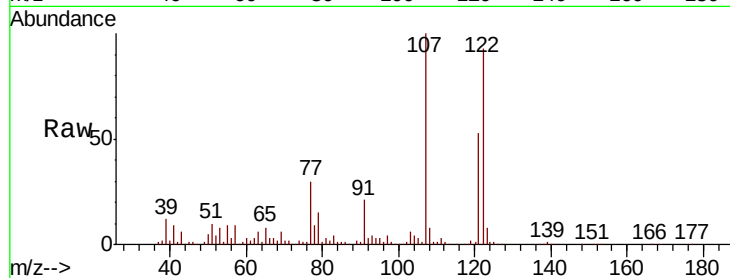
Tot Ion:122 Resp: 347580

Ion Ratio Lower Upper

122 100

107 107.5 89.0 133.4

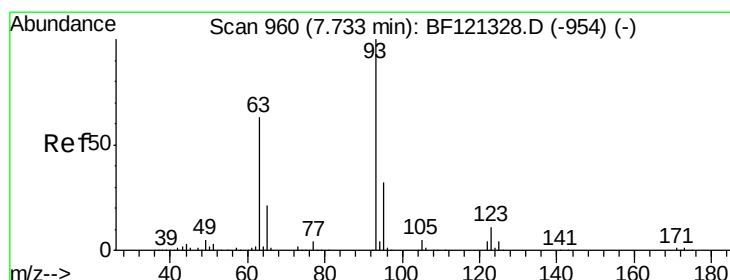
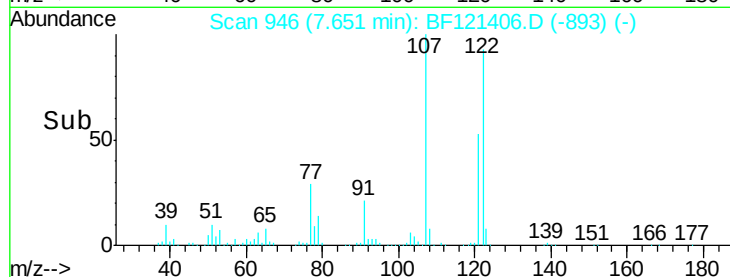
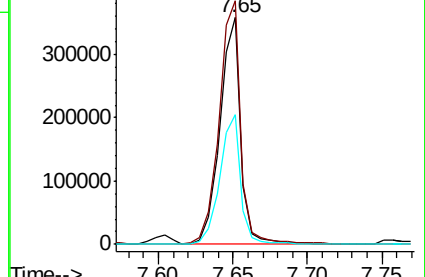
121 57.3 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.166 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

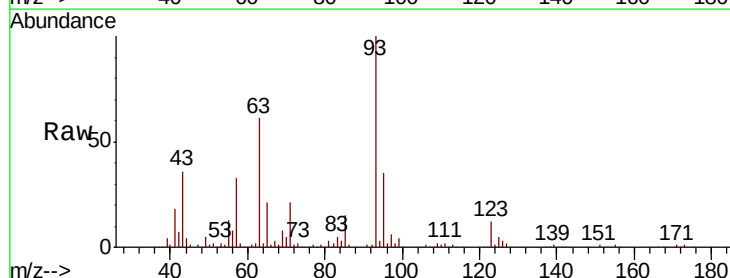
Tgt Ion: 93 Resp: 455248

Ion Ratio Lower Upper

93 100

95 35.3 25.8 38.8

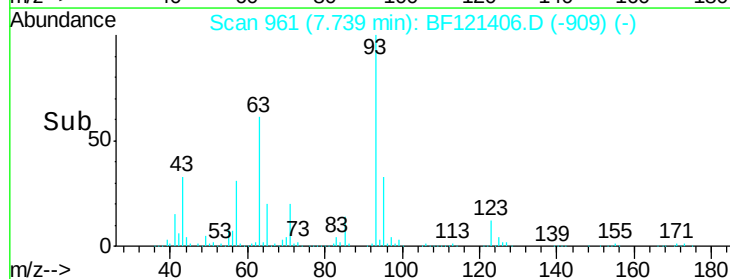
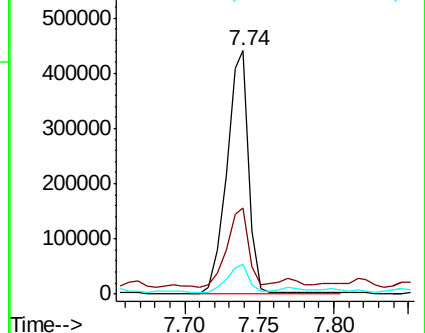
123 12.2 9.0 13.6

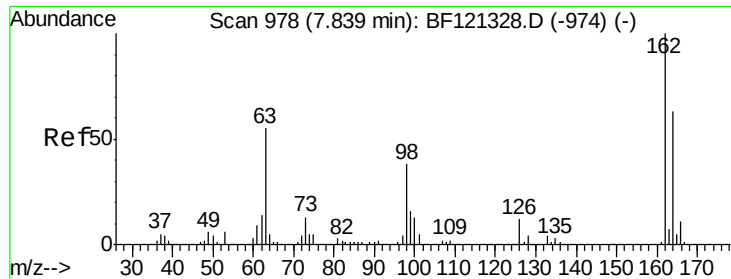


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

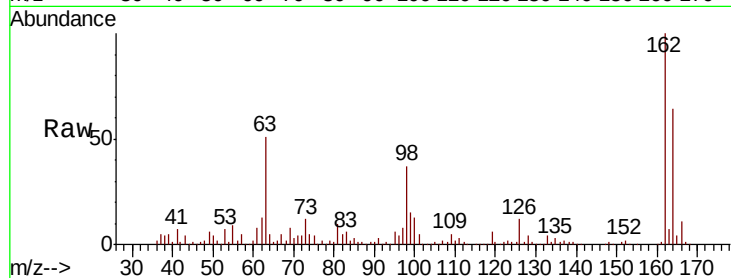




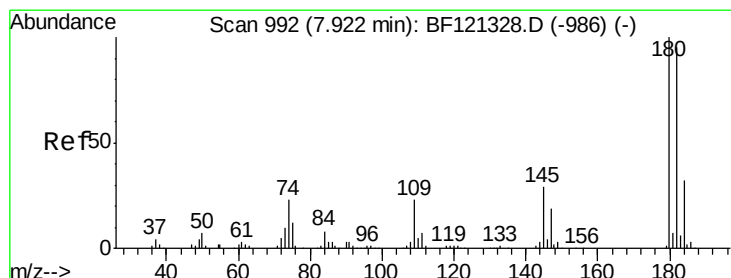
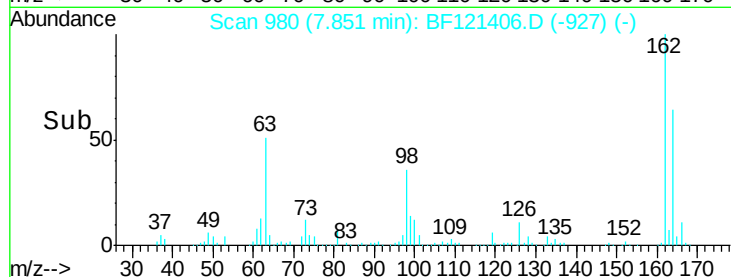
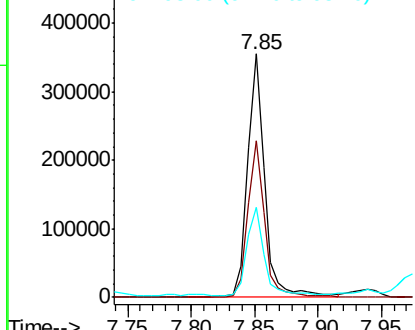
#29
2,4-Dichlorophenol
Concen: 51.577 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_P
ClientSampleId :
DRUM-COMPMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.4	83.4
98	36.8	18.1	58.1

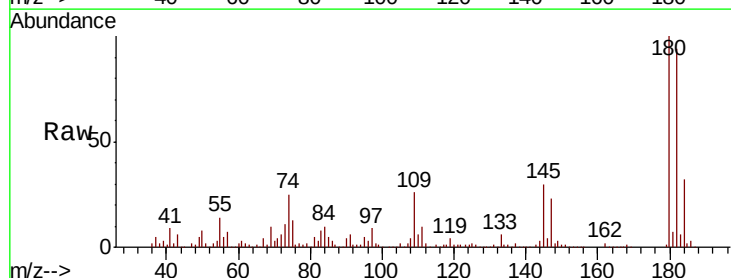


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

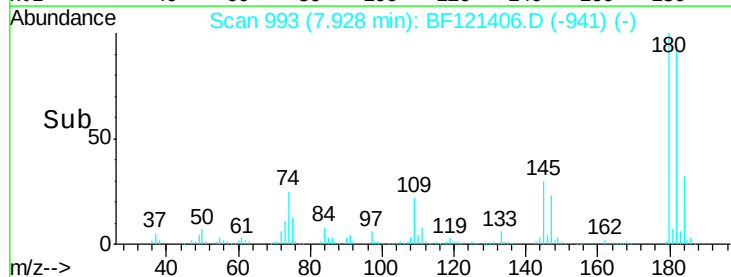
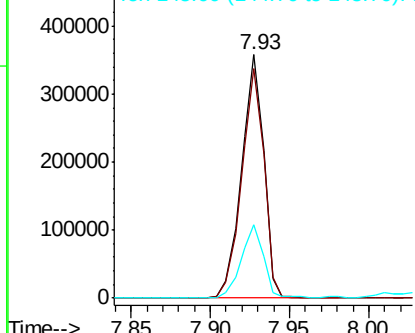


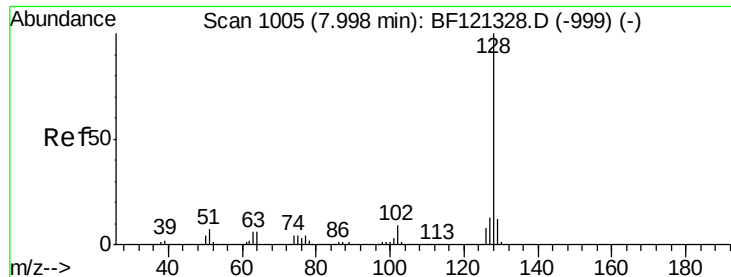
#30
1,2,4-Trichlorobenzene
Concen: 46.654 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.9	113.9
145	30.0	23.2	34.8



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

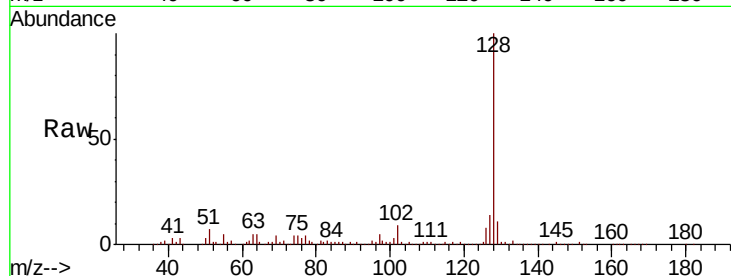




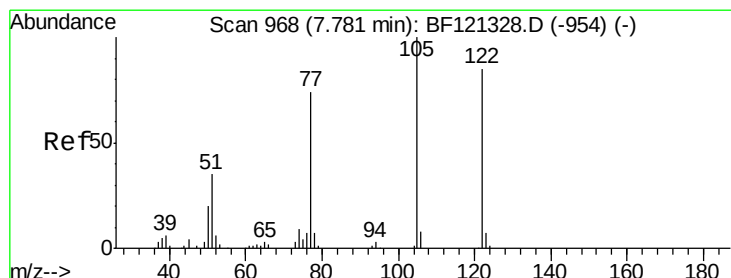
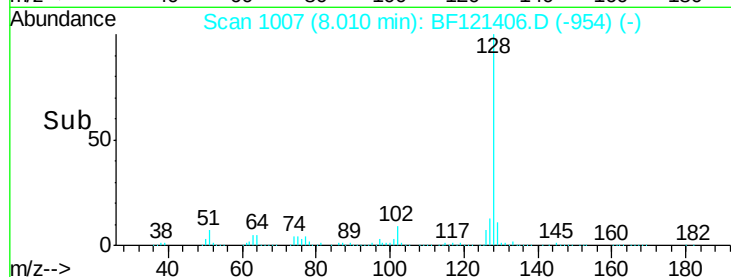
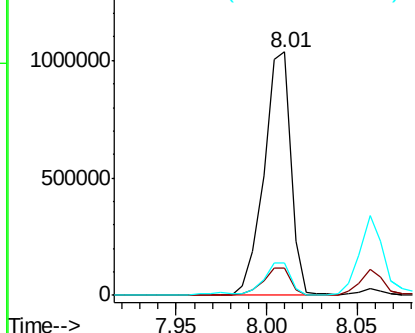
#31
Naphthalene
Concen: 47.954 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_P
ClientSampleId :
DRUM-COMPMSD

Tot Ion:128 Resp: 1074448
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.5 10.6 16.0

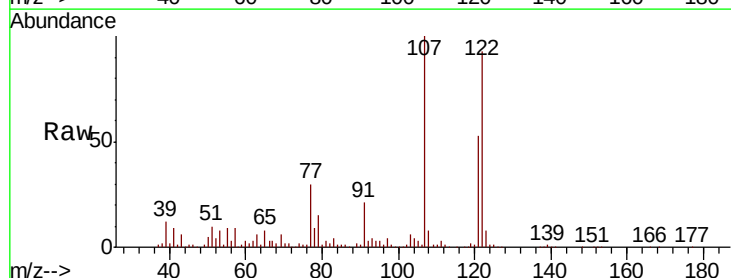


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

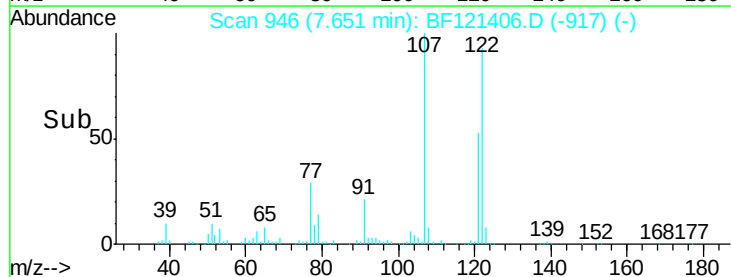
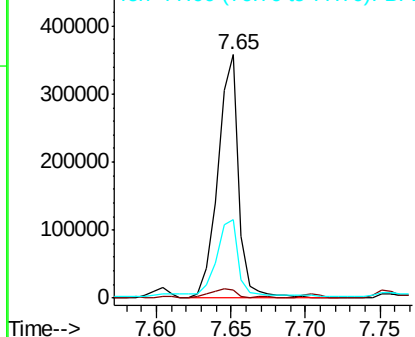


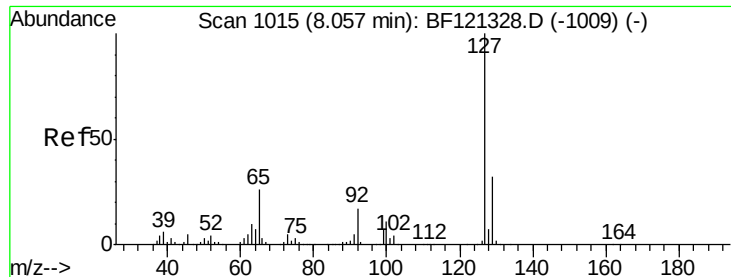
#32
Benzoic acid
Concen: 70.922 ng
RT: 7.65 min Scan# 946
Delta R.T. -0.13 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion:122 Resp: 347580
Ion Ratio Lower Upper
122 100
105 3.6 96.7 136.7#
77 32.0 66.7 106.7#



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

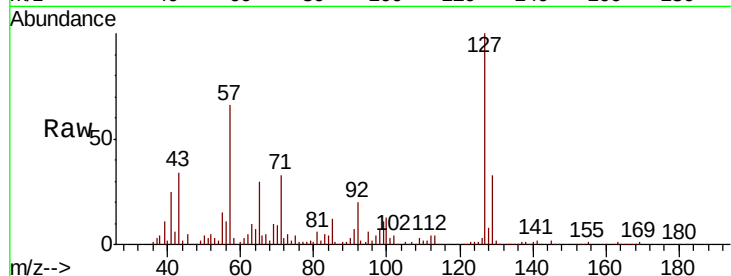




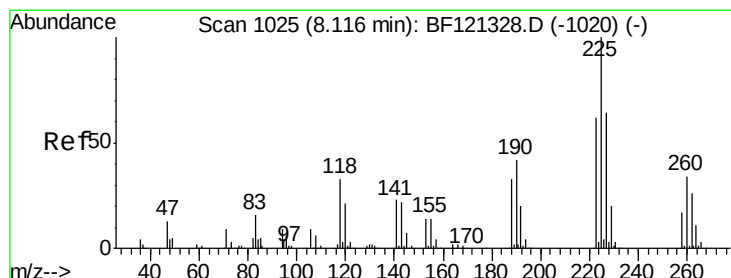
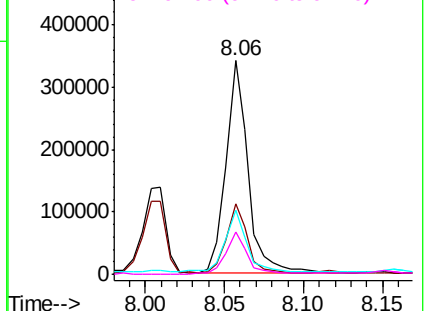
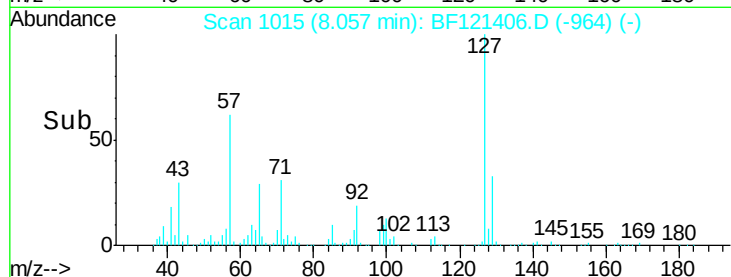
#33
4-Chloroaniline
Concen: 33.457 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_P
ClientSampleId :
DRUM-COMPMSD

Tot Ion:	127	Resp:	331943
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.7	38.5
65	30.0	20.9	31.3
92	19.5	13.8	20.8

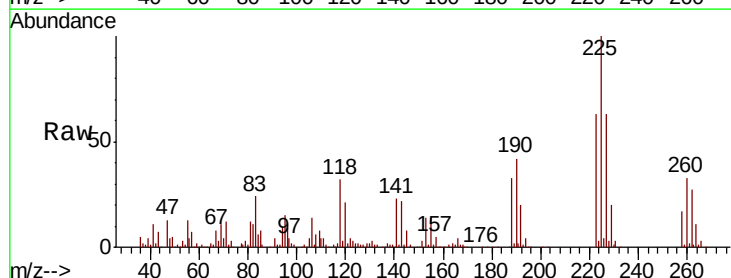


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

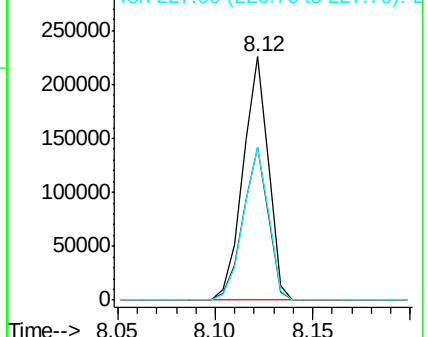
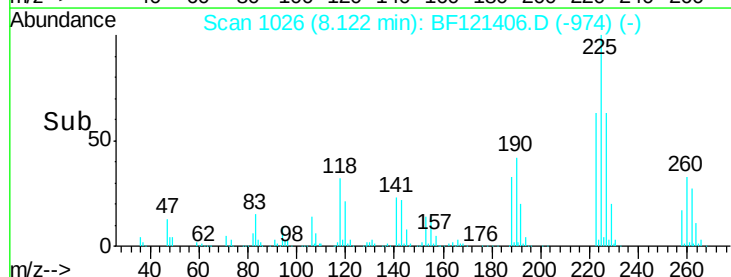


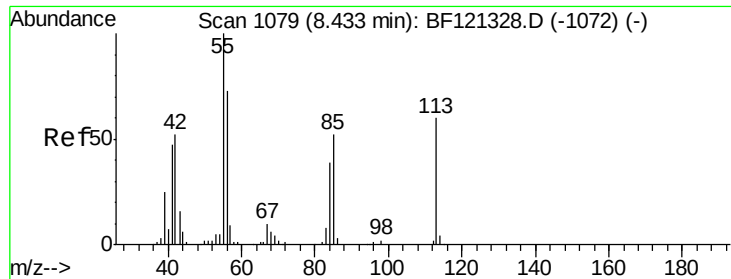
#34
Hexachlorobutadiene
Concen: 46.177 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion:	225	Resp:	202569
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.7	74.5
227	62.7	50.9	76.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 24.103 ng

RT: 8.44 min Scan# 1080

Delta R.T. 0.01 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

Instrument :

BNA_P

ClientSampleId :

DRUM-COMPMSD

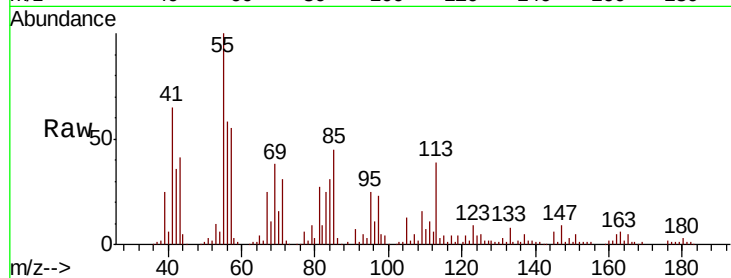
Tot Ion:113 Resp: 51170

Ion Ratio Lower Upper

113 100

55 255.3 147.9 187.9#

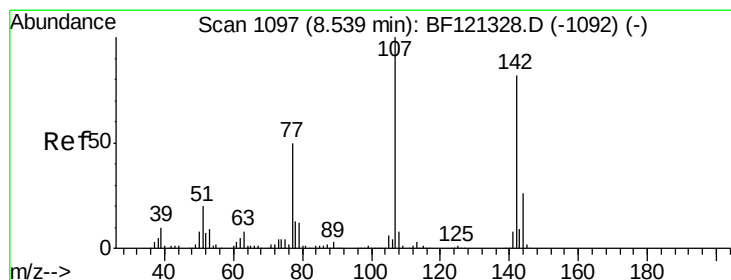
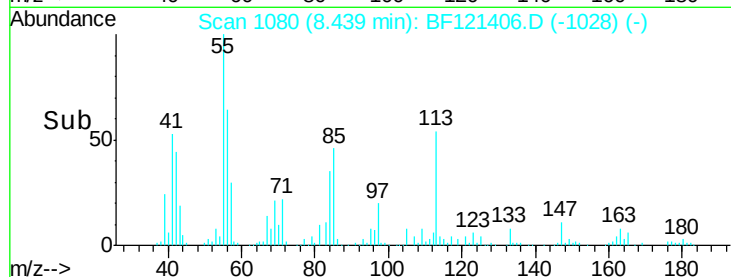
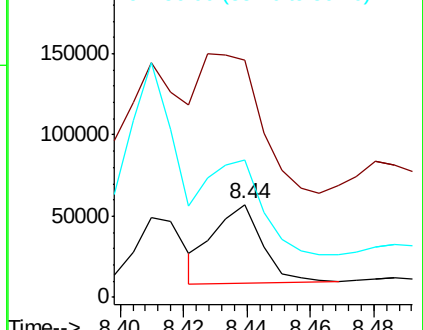
56 148.2 102.4 142.4#



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: 48.938 ng

RT: 8.56 min Scan# 1100

Delta R.T. 0.02 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

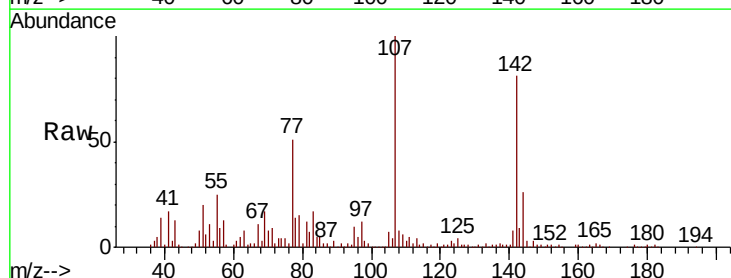
Tgt Ion:107 Resp: 320841

Ion Ratio Lower Upper

107 100

144 26.0 21.1 31.7

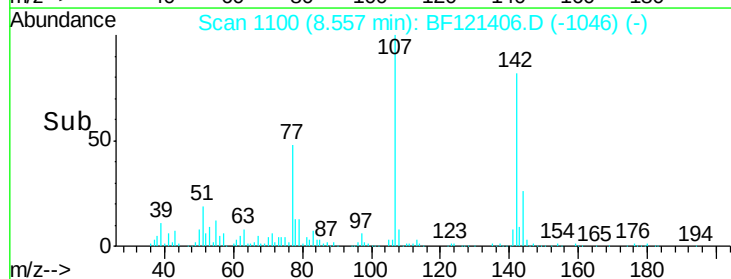
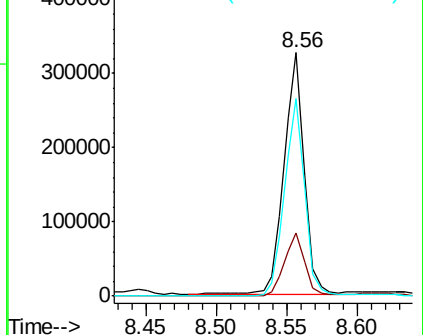
142 81.1 65.6 98.4

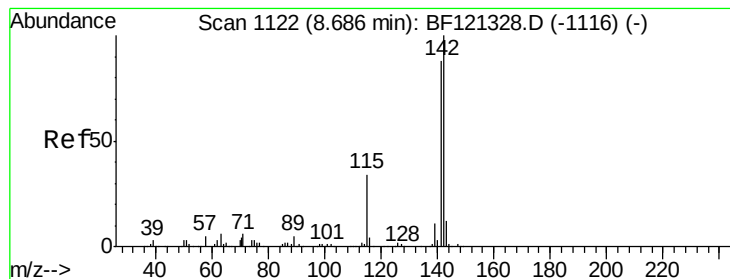


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.516 ng

RT: 8.70 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

Instrument :

BNA_P

ClientSampleId :

DRUM-COMPMSD

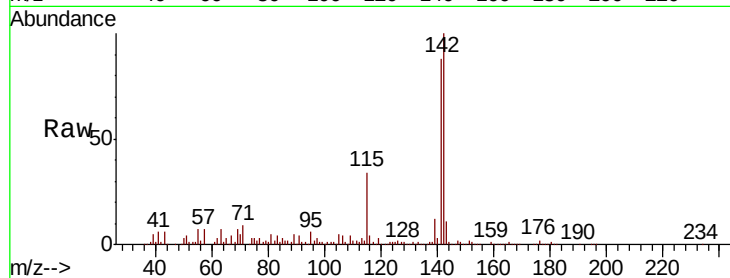
Tot Ion:142 Resp: 690049

Ion Ratio Lower Upper

142 100

141 88.4 70.3 105.5

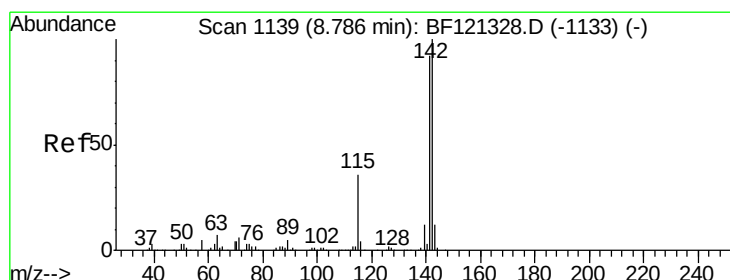
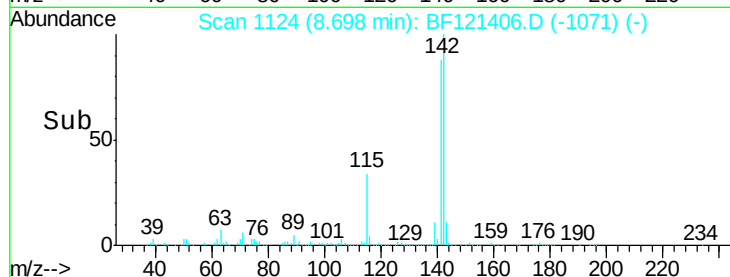
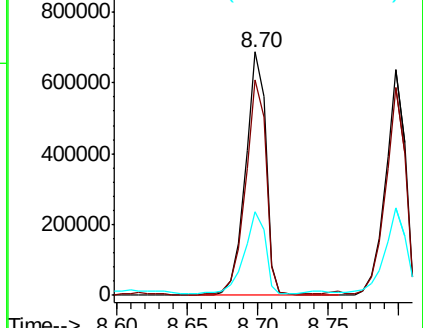
115 34.4 26.9 40.3



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: 44.717 ng

RT: 8.80 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

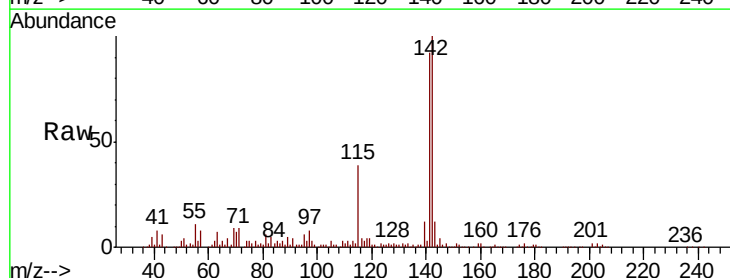
Tgt Ion:142 Resp: 617478

Ion Ratio Lower Upper

142 100

141 91.7 73.6 110.4

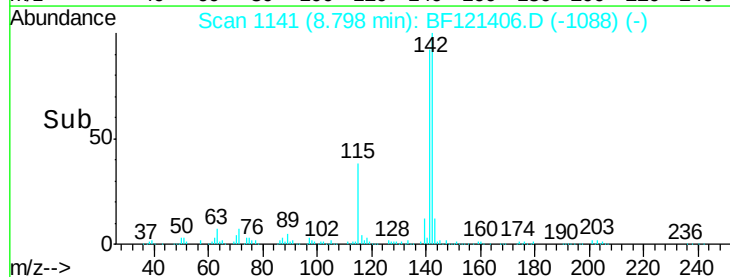
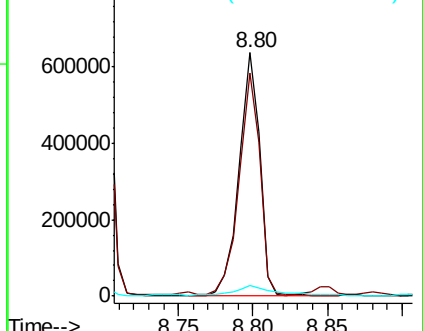
116 4.4 3.0 4.4

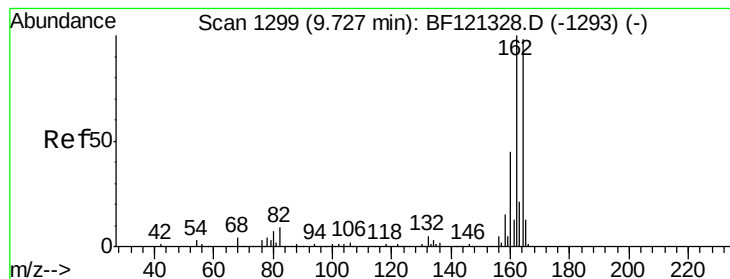


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.75 min Scan# 1302

Delta R.T. 0.02 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

Instrument :

BNA_P

ClientSampleId :

DRUM-COMPMSD

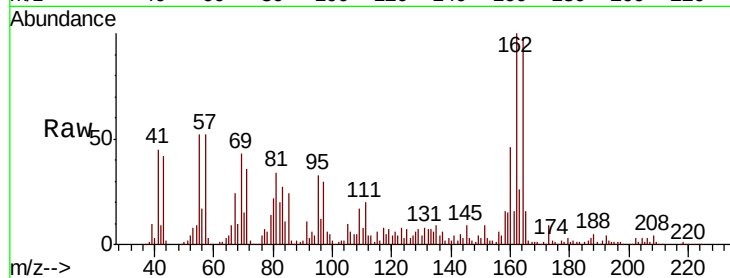
Tot Ion:164 Resp: 218866

Ion Ratio Lower Upper

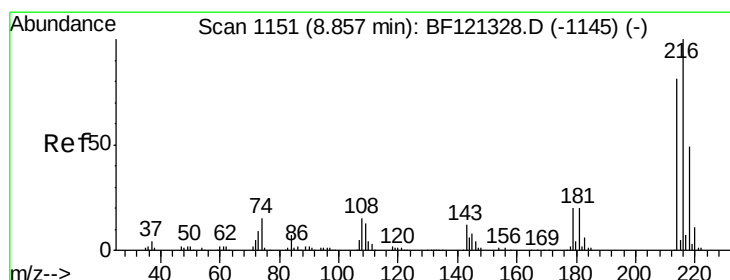
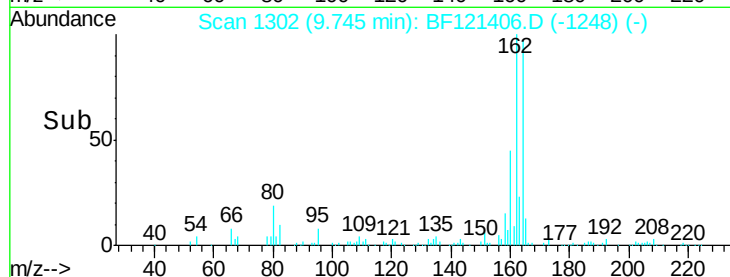
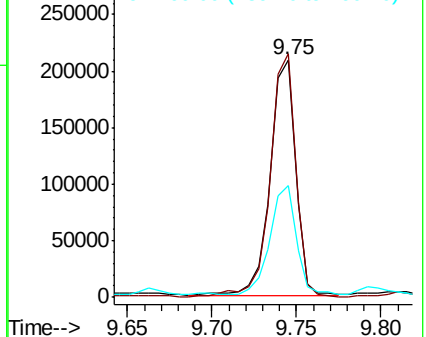
164 100

162 102.4 81.7 122.5

160 47.1 37.0 55.4



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.177 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.01 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

Tgt Ion:216 Resp: 293468

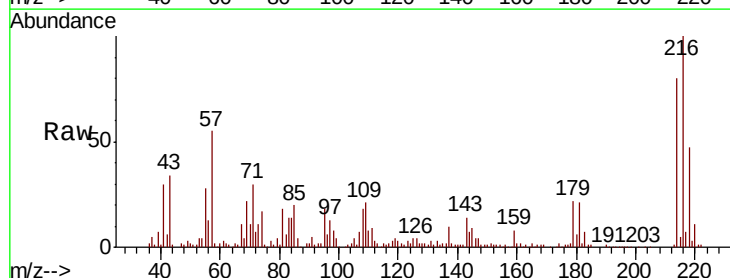
Ion Ratio Lower Upper

216 100

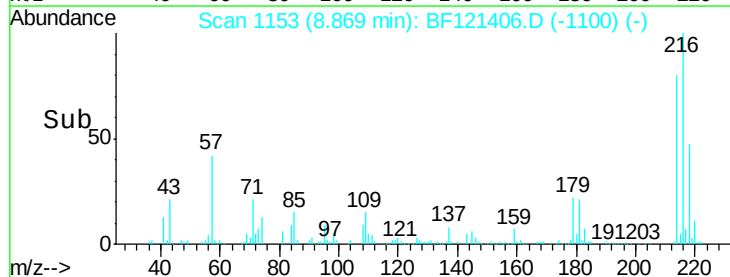
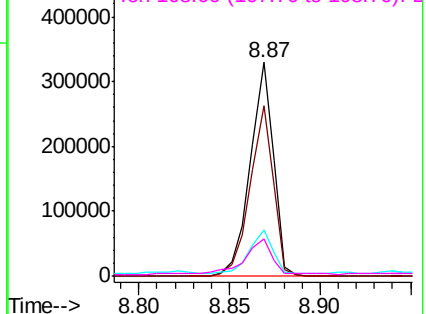
214 79.8 64.2 96.2

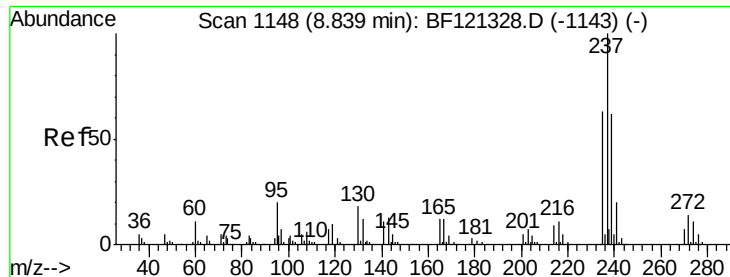
179 21.4 16.4 24.6

108 18.9 14.2 21.4



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 66.359 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

Instrument :

BNA_P

ClientSampleId :

DRUM-COMPMSD

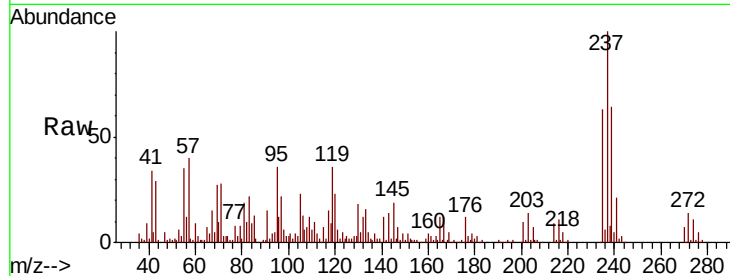
Tot Ion:237 Resp: 167782

Ion Ratio Lower Upper

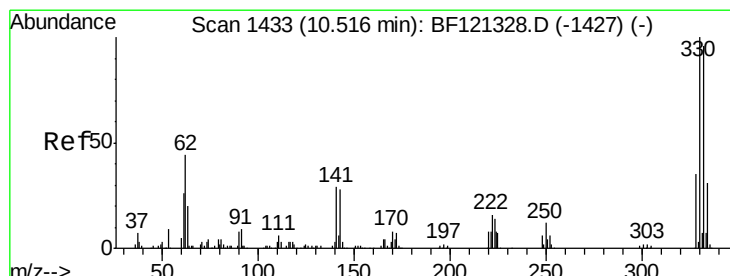
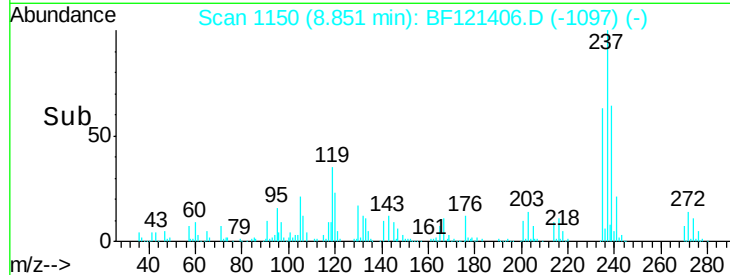
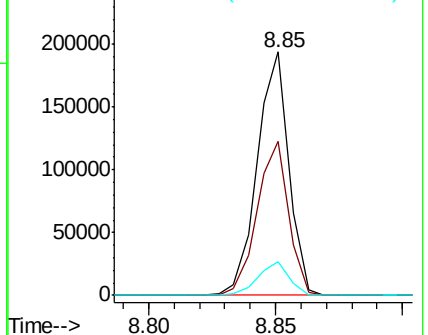
237 100

235 63.2 42.7 82.7

272 13.7 0.0 33.7



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: 91.865 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.02 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

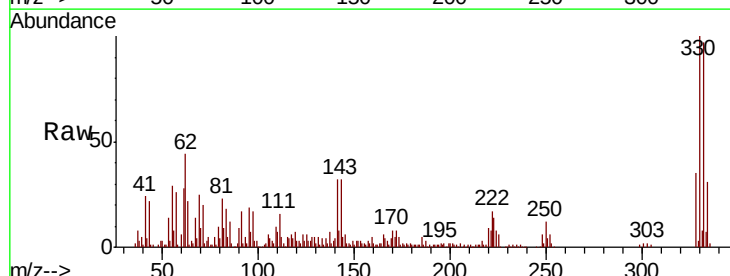
Tgt Ion:330 Resp: 234300

Ion Ratio Lower Upper

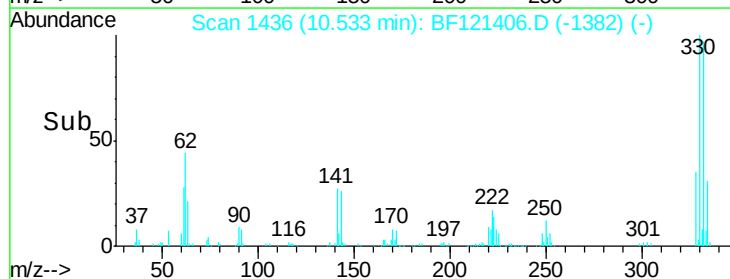
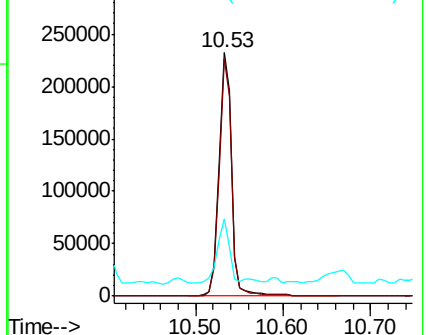
330 100

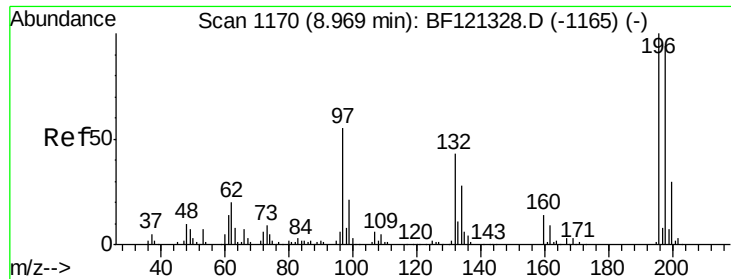
332 96.4 76.9 115.3

141 24.9 22.8 34.2



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

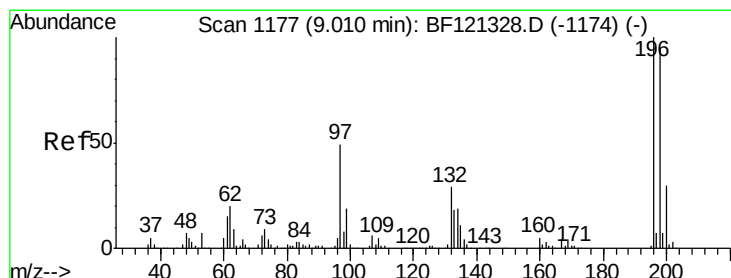
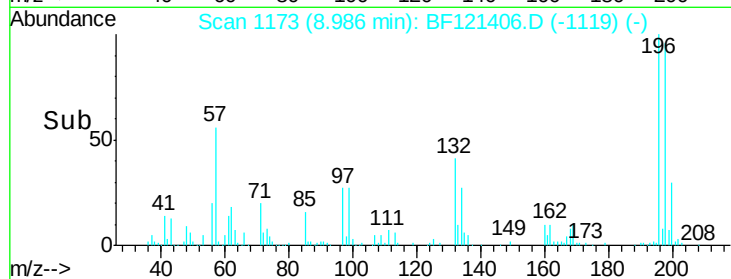
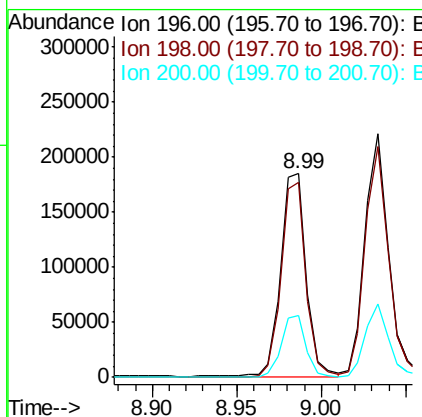
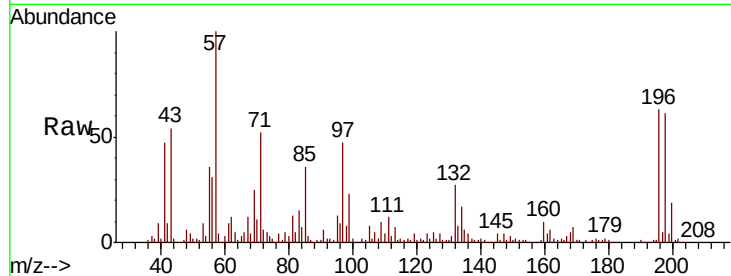




#43
 2,4,6-Trichlorophenol
 Concen: 43.521 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.02 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

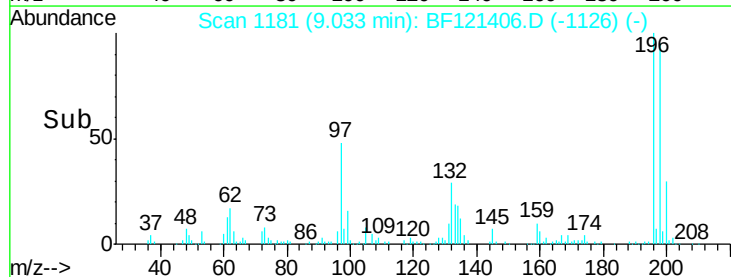
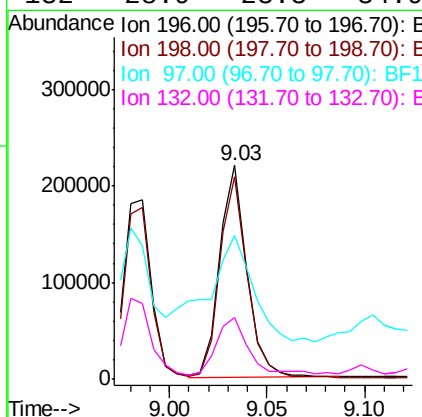
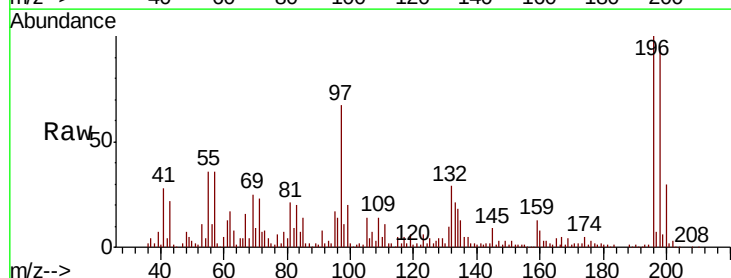
Instrument :
 BNA_P
 ClientSampleId :
 DRUM-COMPMSD

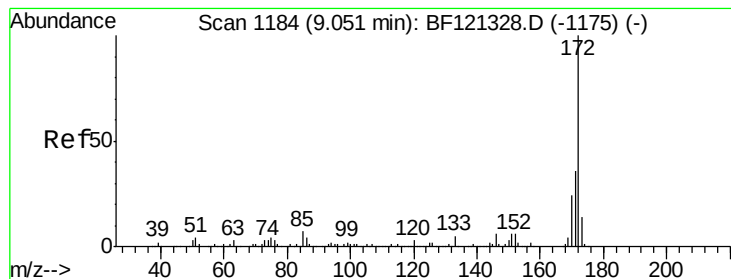
Tot Ion:196 Resp: 193273
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.6 113.4
 200 30.2 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 46.687 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.02 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Tgt Ion:196 Resp: 213310
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.6 113.4
 97 67.0 39.6 59.4#
 132 28.9 23.3 34.9

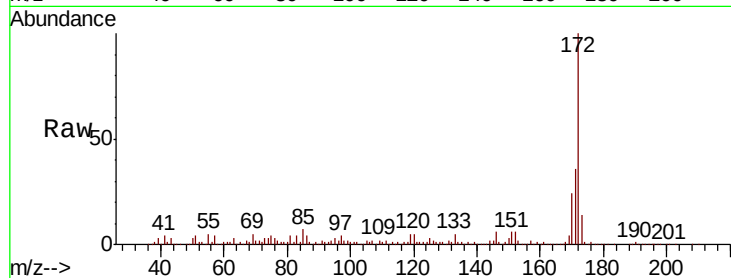




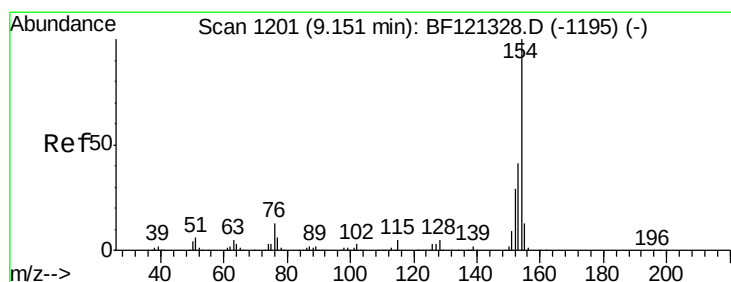
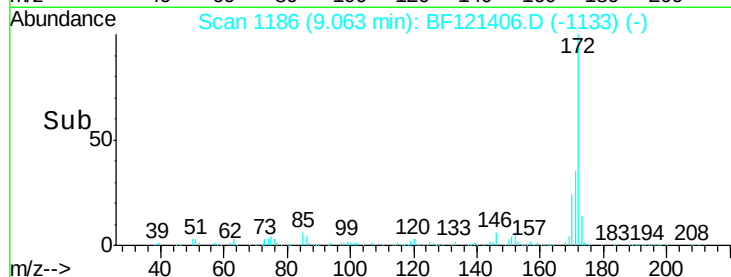
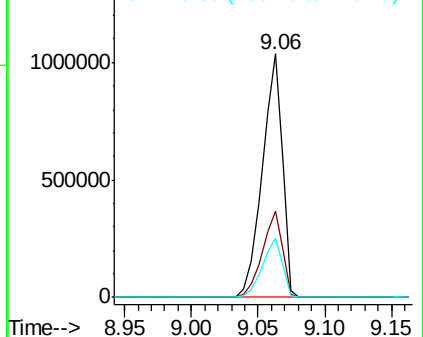
#45
2-Fluorobiphenyl
Concen: 95.381 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_P
ClientSampleId :
DRUM-COMPMSD

Tot Ion:172 Resp: 1069448
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.6
170 24.2 19.4 29.2

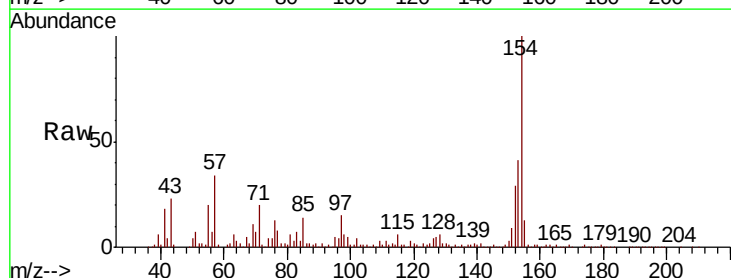


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

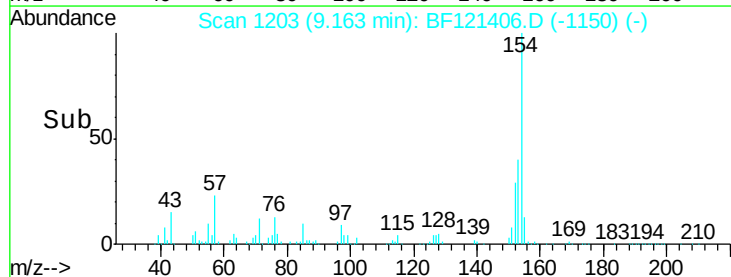
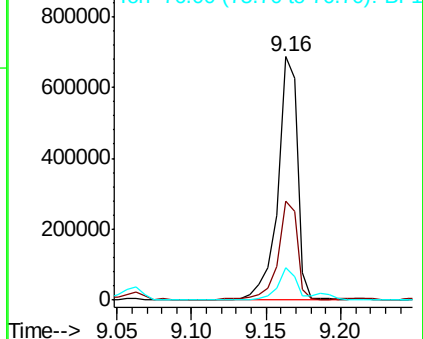


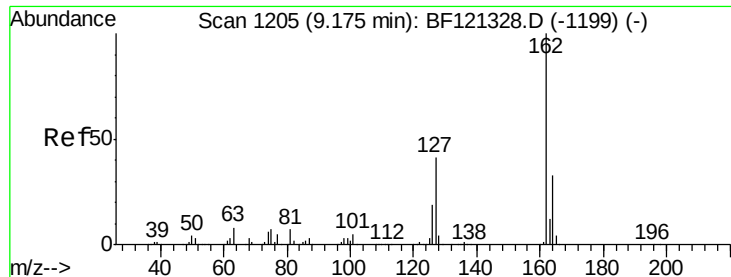
#46
1,1'-Biphenyl
Concen: 38.105 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion:154 Resp: 625082
Ion Ratio Lower Upper
154 100
153 40.6 20.8 60.8
76 13.2 0.0 33.1



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

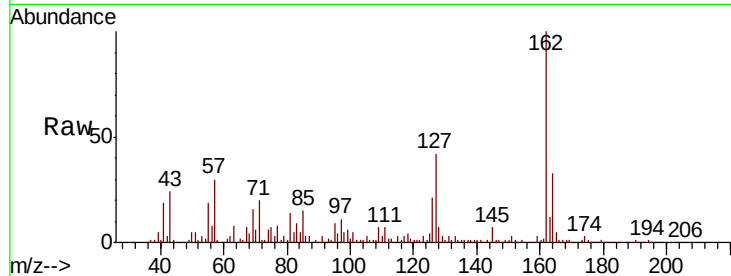




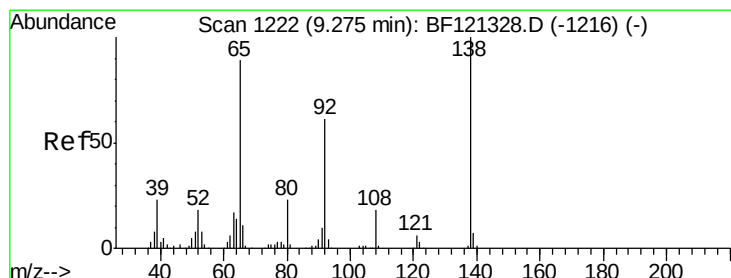
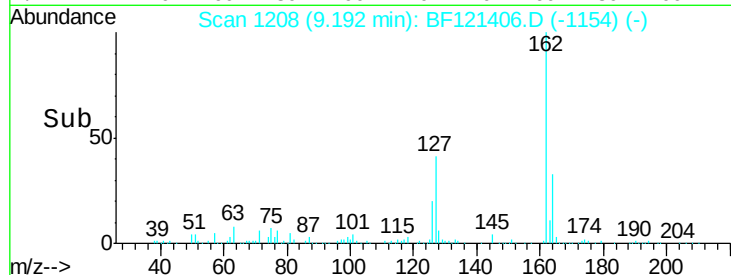
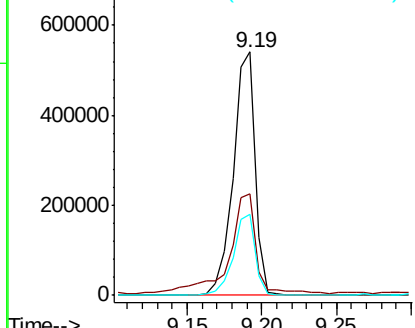
#47
 2-Chloronaphthalene
 Concen: 41.025 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.02 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Instrument :
 BNA_P
 ClientSampleId :
 DRUM-COMPMSD

Tot Ion:162 Resp: 554441
 Ion Ratio Lower Upper
 162 100
 127 41.9 33.1 49.7
 164 33.2 26.5 39.7

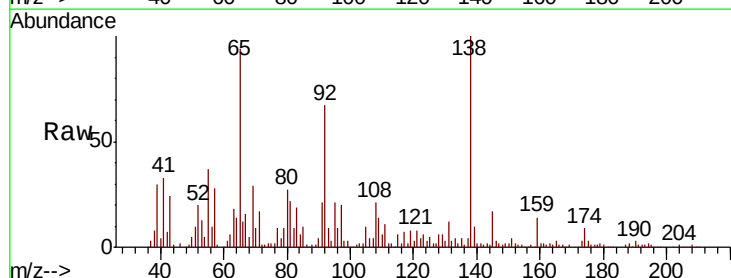


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

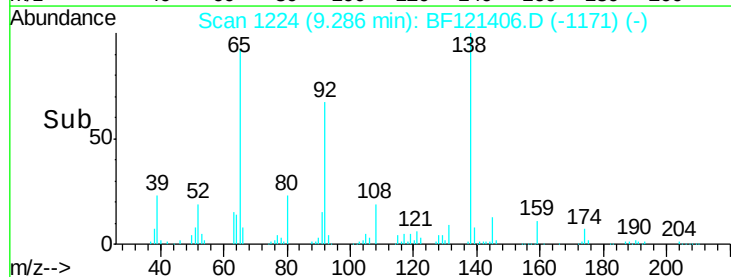
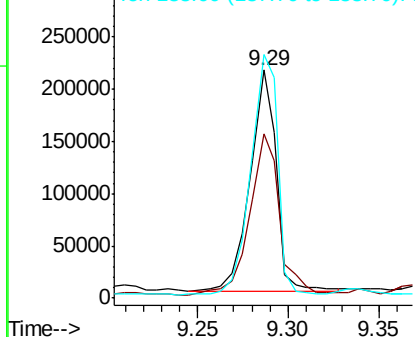


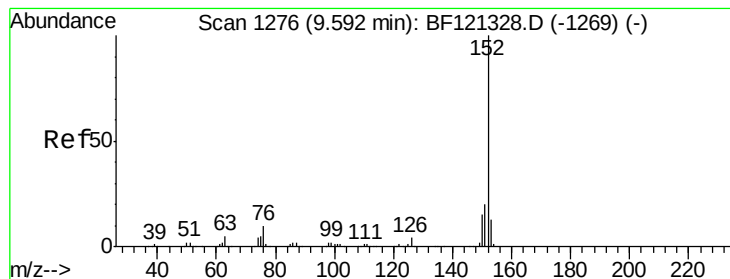
#48
 2-Nitroaniline
 Concen: 49.595 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Tgt Ion: 65 Resp: 211037
 Ion Ratio Lower Upper
 65 100
 92 71.9 54.9 82.3
 138 106.9 89.5 134.3



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





#49

Acenaphthylene

Concen: 47.385 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.01 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

Instrument :

BNA_P

ClientSampleId :

DRUM-COMPMSD

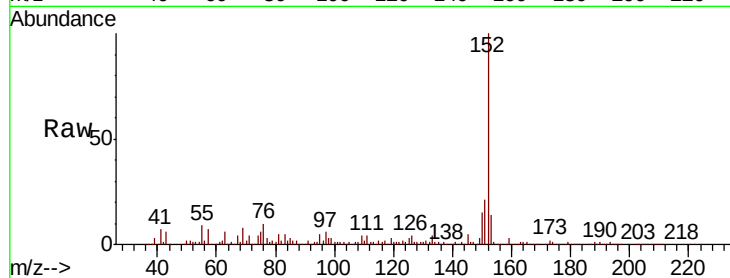
Tot Ion:152 Resp: 951203

Ion Ratio Lower Upper

152 100

151 20.9 16.4 24.6

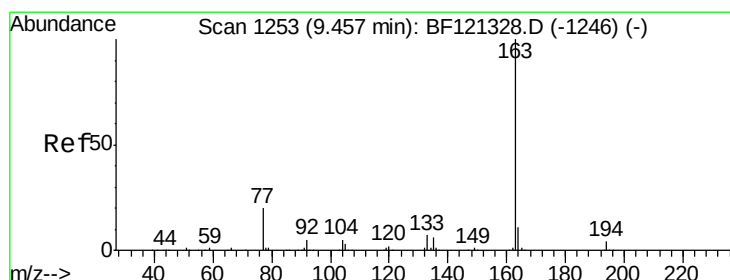
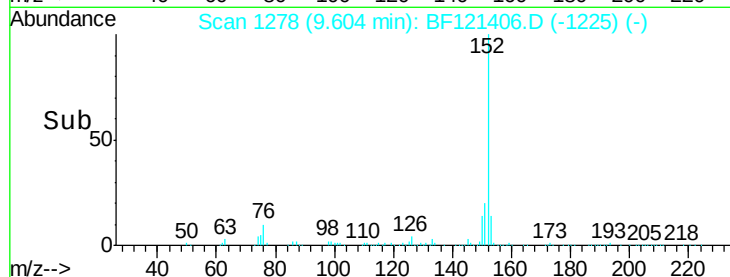
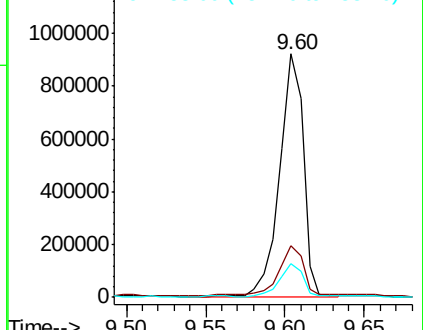
153 13.8 10.6 16.0



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: 39.932 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

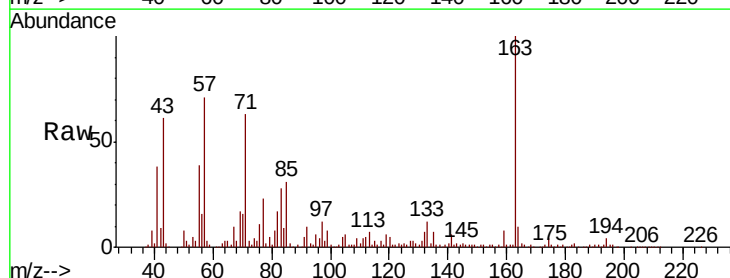
Tgt Ion:163 Resp: 635835

Ion Ratio Lower Upper

163 100

194 4.4 3.0 4.6

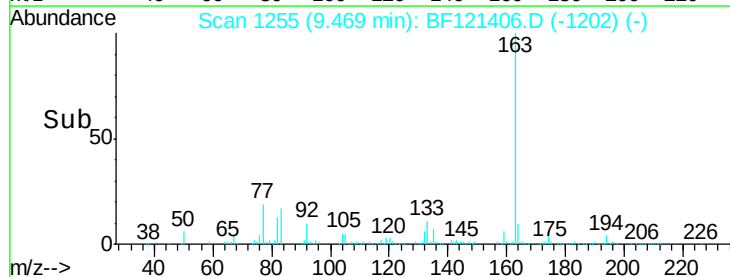
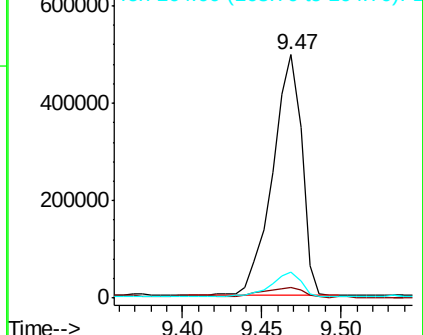
164 10.5 8.4 12.6

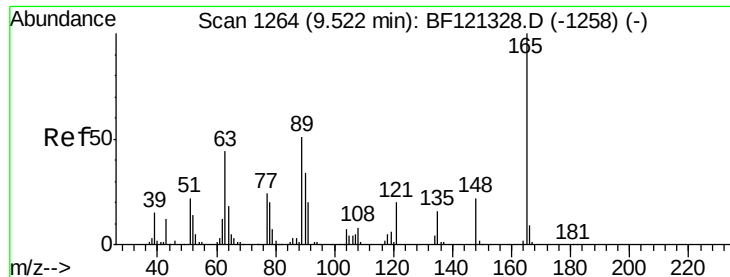


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

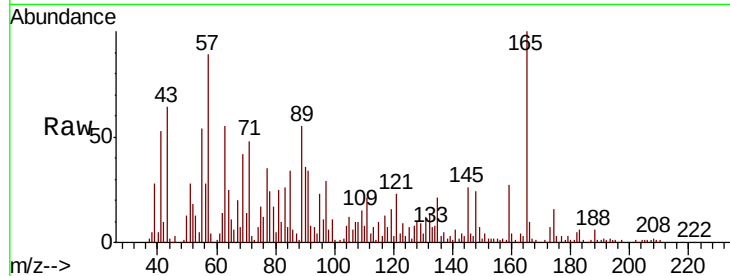




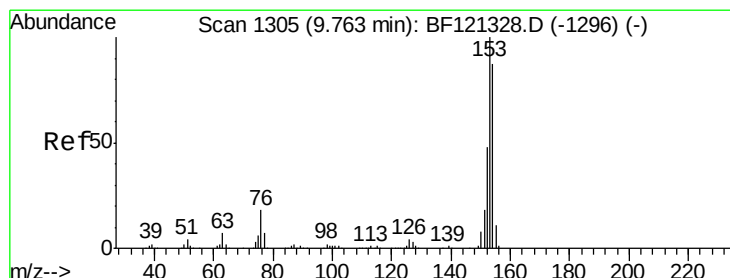
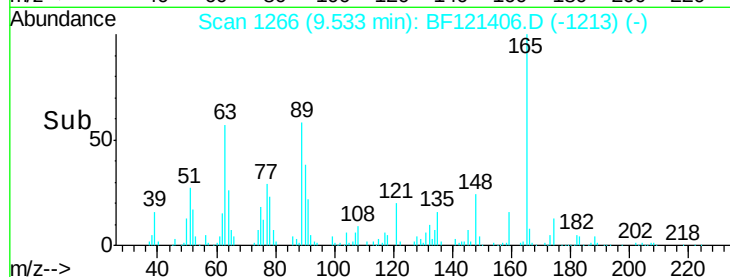
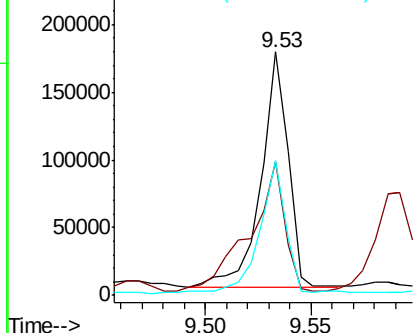
#51
2,6-Dinitrotoluene
Concen: 45.496 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_P
ClientSampleId :
DRUM-COMPMSD

Tot Ion:165 Resp: 154715
Ion Ratio Lower Upper
165 100
63 54.8 38.5 57.7
89 55.3 41.2 61.8

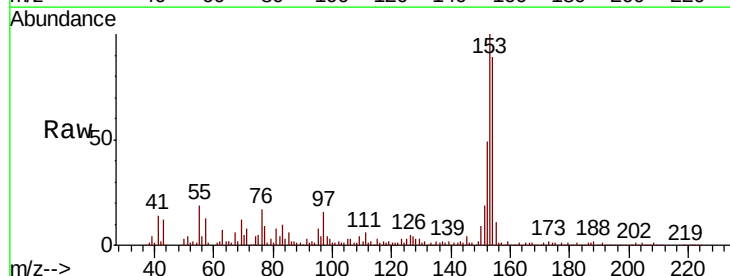


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

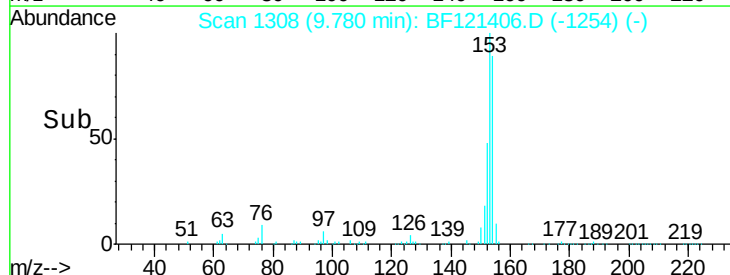
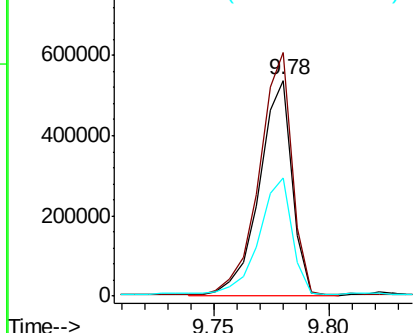


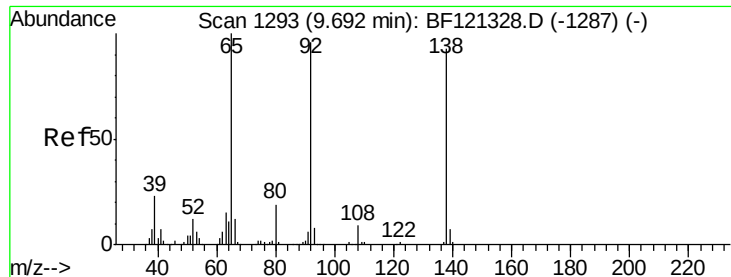
#52
Acenaphthene
Concen: 43.424 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.02 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion:154 Resp: 529640
Ion Ratio Lower Upper
154 100
153 113.0 92.0 138.0
152 55.0 44.6 66.8



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

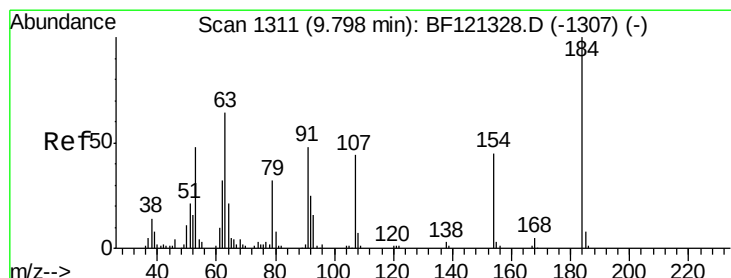
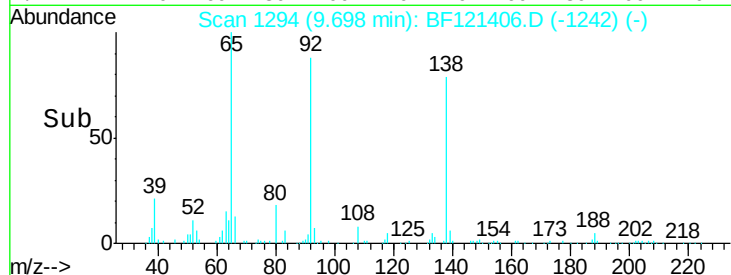
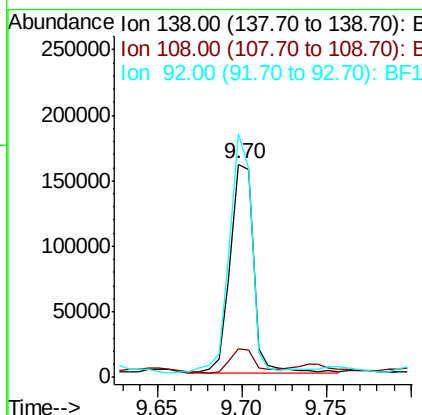
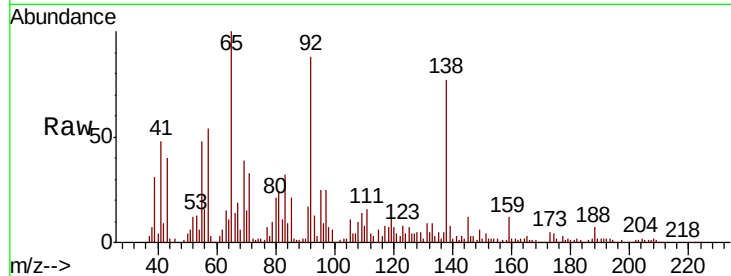




#53
 3-Nitroaniline
 Concen: 36.154 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

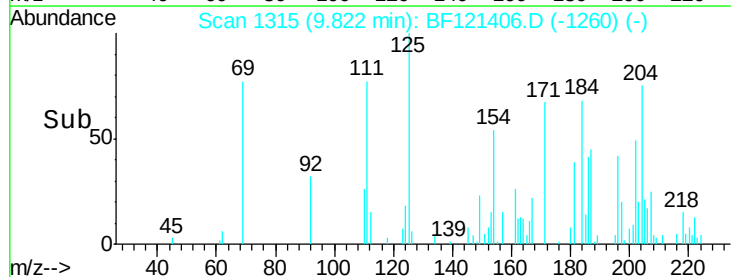
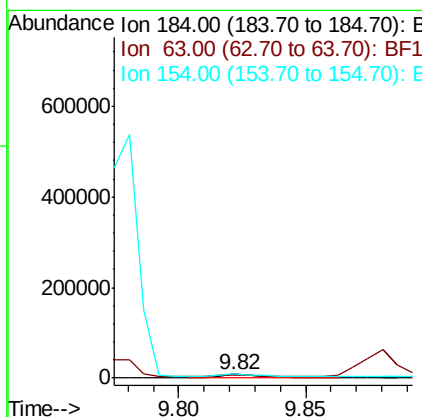
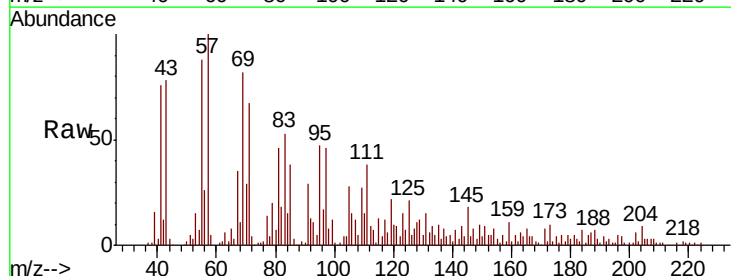
Instrument :
 BNA_P
 ClientSampleId :
 DRUM-COMPMSD

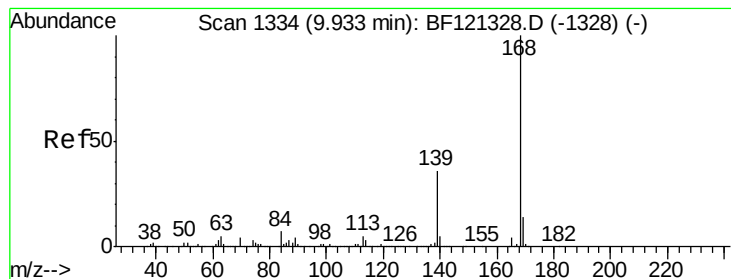
Tot Ion:138 Resp: 153801
 Ion Ratio Lower Upper
 138 100
 108 13.5 7.5 11.3#
 92 114.3 83.0 124.4



#54
 2,4-Dinitrophenol
 Concen: 7.318 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.02 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Tgt Ion:184 Resp: 11998
 Ion Ratio Lower Upper
 184 100
 63 87.2 51.5 77.3#
 154 106.9 48.0 72.0#





#55

Dibenzofuran

Concen: 50.153 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.02 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

Instrument :

BNA_P

ClientSampleId :

DRUM-COMPMSD

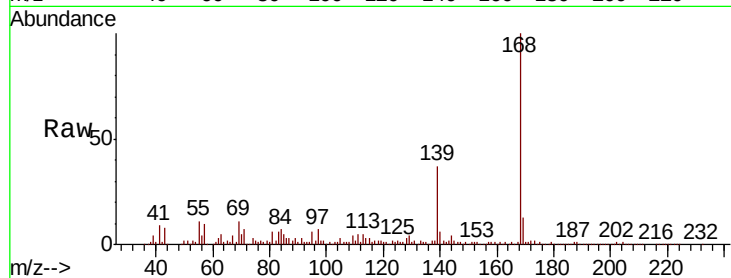
Tot Ion:168 Resp: 771147

Ion Ratio Lower Upper

168 100

139 37.2 29.1 43.7

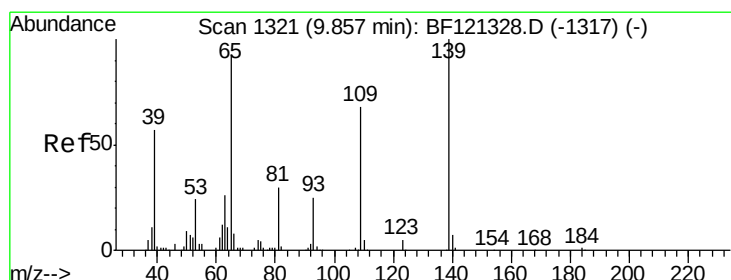
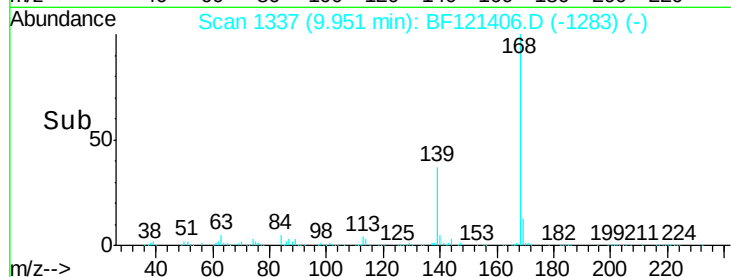
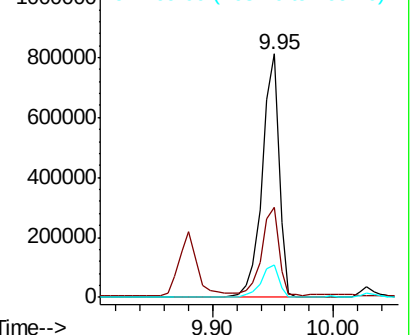
169 13.5 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 84.116 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.02 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

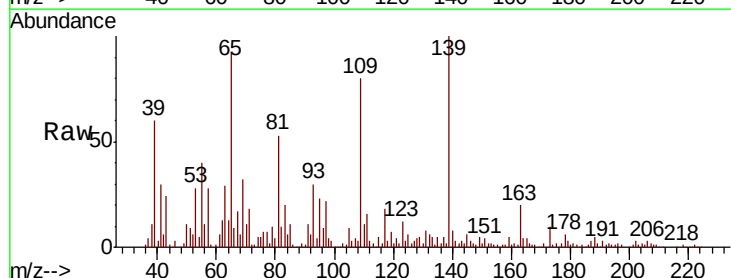
Tgt Ion:139 Resp: 220683

Ion Ratio Lower Upper

139 100

109 80.5 47.7 87.7

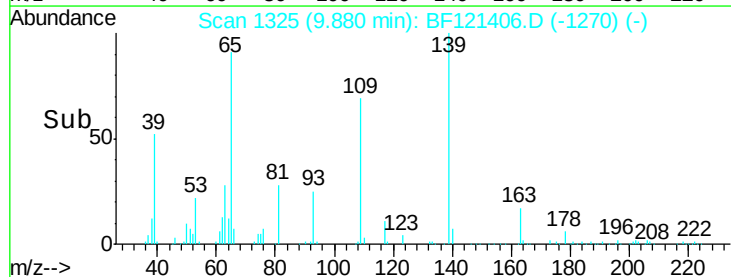
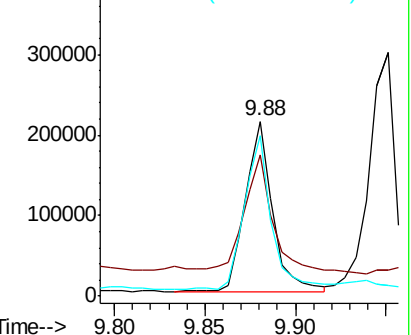
65 91.8 73.2 113.2

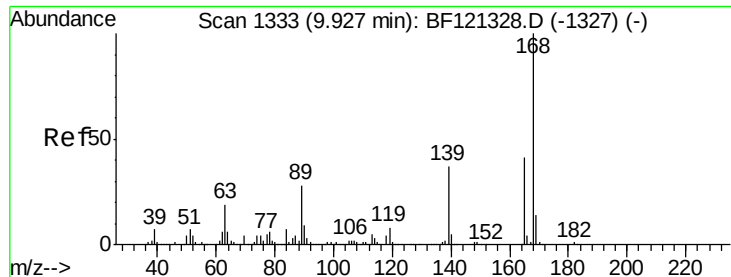


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 42.029 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

Instrument :

BNA_P

ClientSampleId :

DRUM-COMPMSD

Tot Ion:165 Resp: 174361

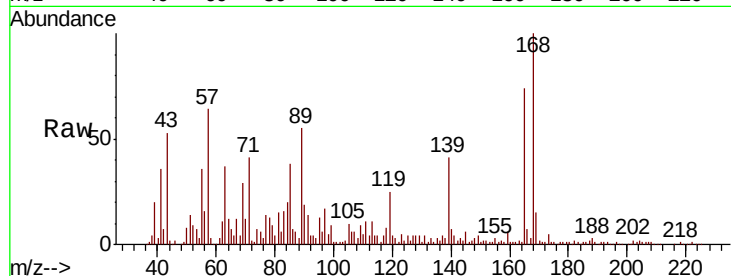
Ion Ratio Lower Upper

165 100

63 49.8 37.5 56.3

89 75.0 54.2 81.4

182 3.2 2.2 3.4

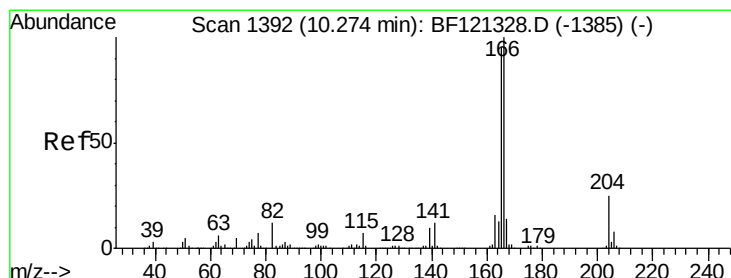
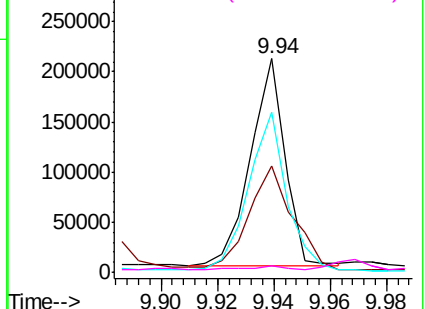
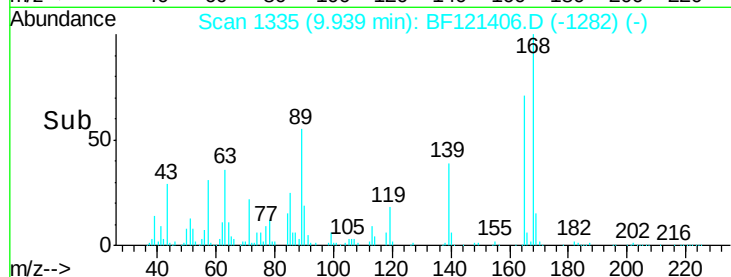


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 51.075 ng

RT: 10.29 min Scan# 1395

Delta R.T. 0.02 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

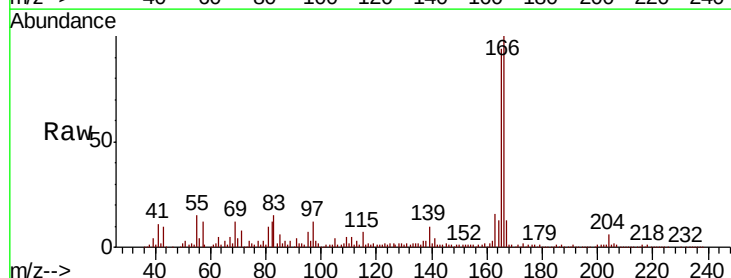
Tgt Ion:166 Resp: 575311

Ion Ratio Lower Upper

166 100

165 94.3 75.8 113.8

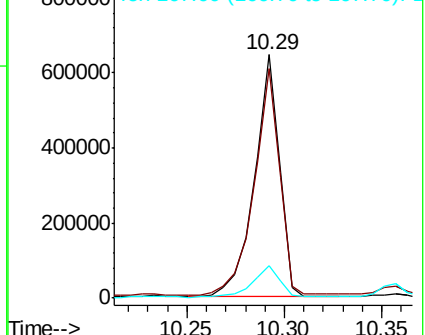
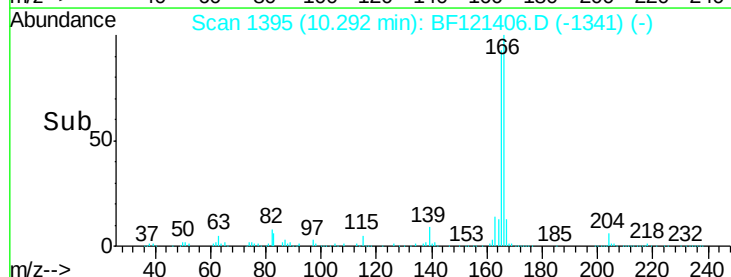
167 13.3 11.0 16.4

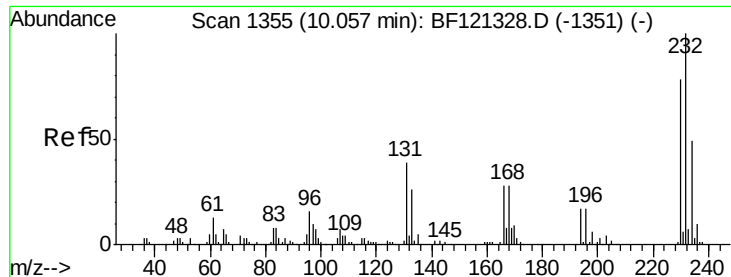


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

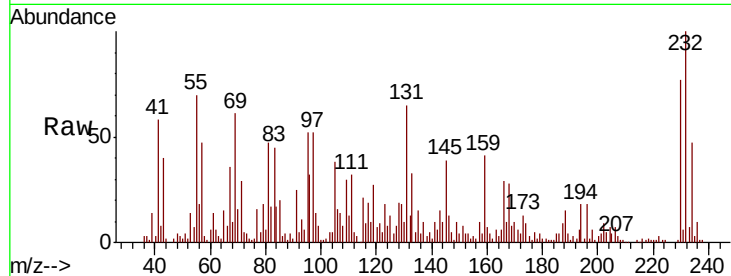




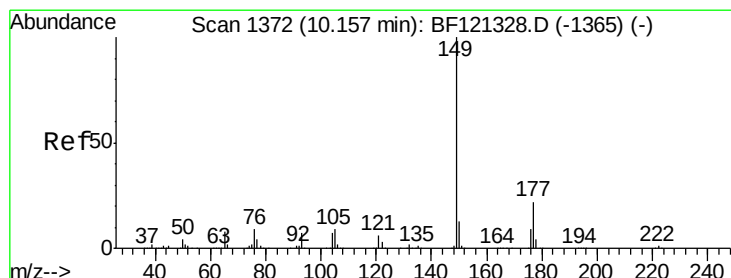
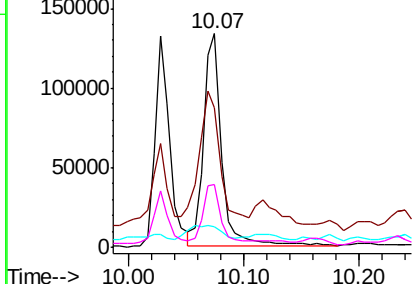
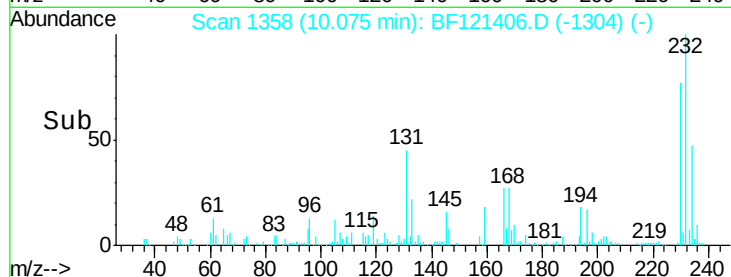
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.378 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.02 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_P
ClientSampleId :
DRUM-COMPMSD

Tot Ion:232 Resp: 145990
Ion Ratio Lower Upper
232 100
131 72.5 34.2 51.4#
130 11.5 1.7 2.5#
166 24.7 22.3 33.5

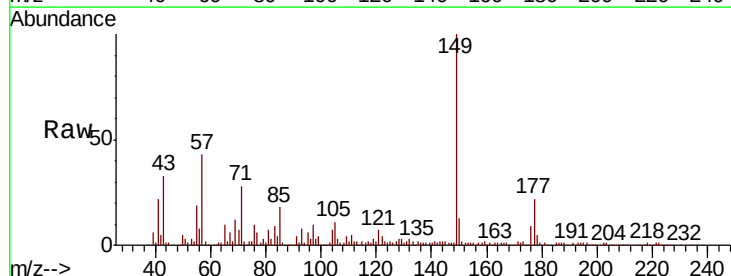


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

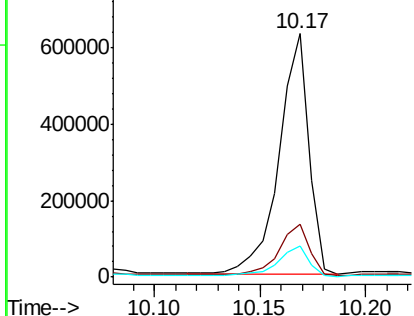
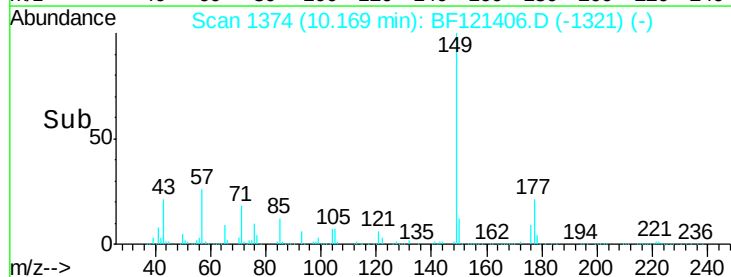


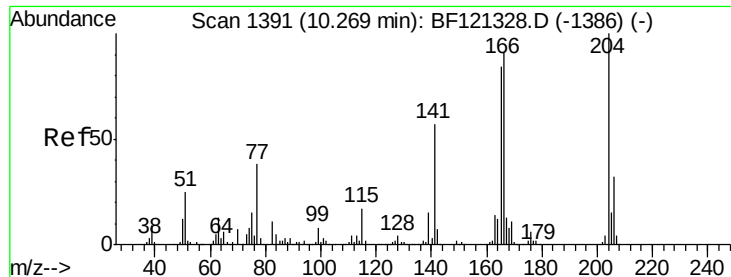
#60
Diethylphthalate
Concen: 40.047 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion:149 Resp: 622688
Ion Ratio Lower Upper
149 100
177 21.8 17.6 26.4
150 12.8 10.1 15.1



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

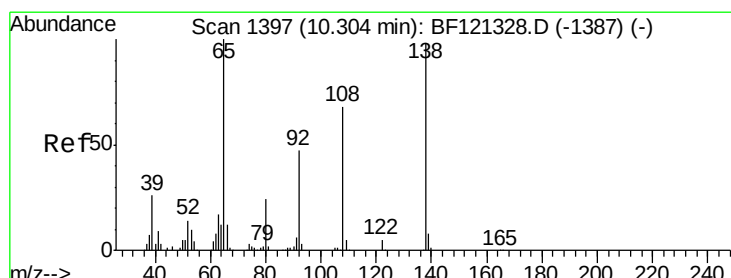
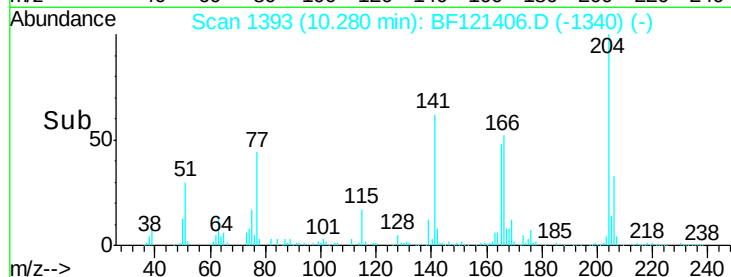
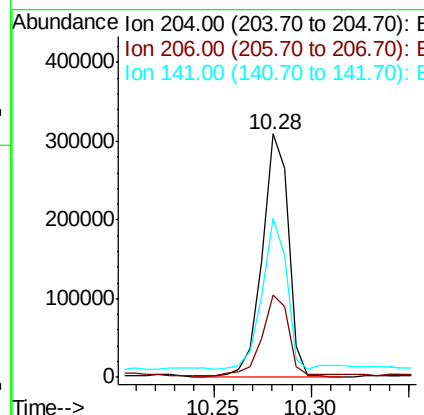
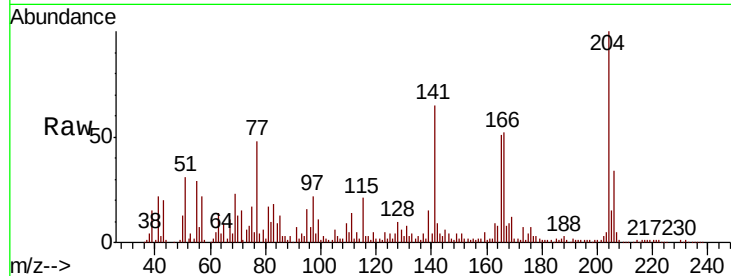




#61
4-Chlorophenyl-phenylether
Concen: 50.259 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

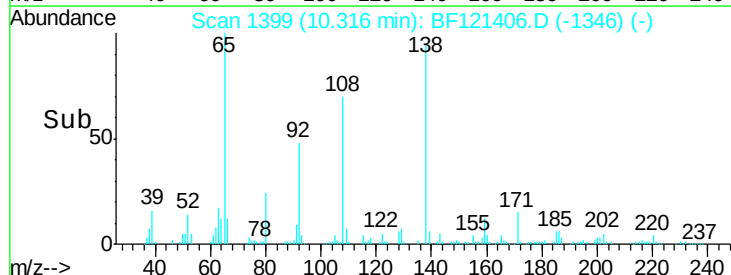
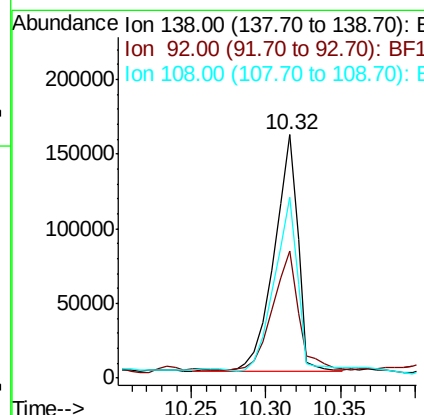
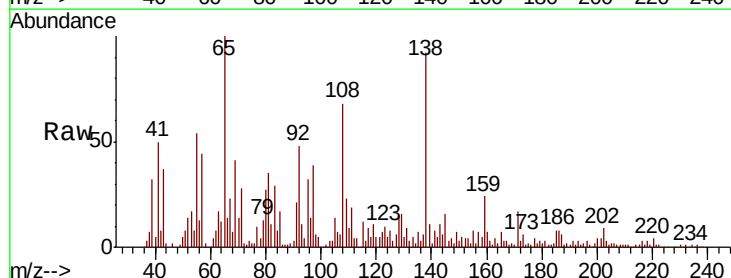
Instrument :
BNA_P
ClientSampleId :
DRUM-COMPMSD

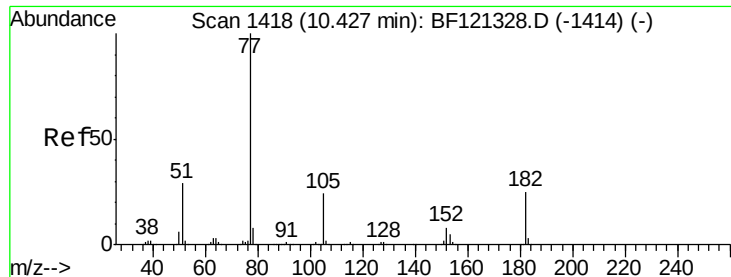
Tot Ion:204 Resp: 285518
Ion Ratio Lower Upper
204 100
206 33.8 25.9 38.9
141 65.3 45.5 68.3



#62
4-Nitroaniline
Concen: 40.177 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion:138 Resp: 175126
Ion Ratio Lower Upper
138 100
92 52.0 28.1 68.1
108 74.3 49.5 89.5

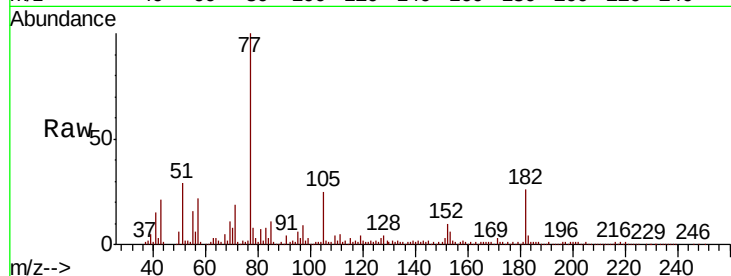




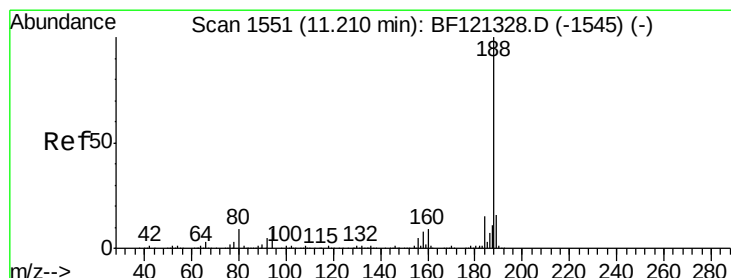
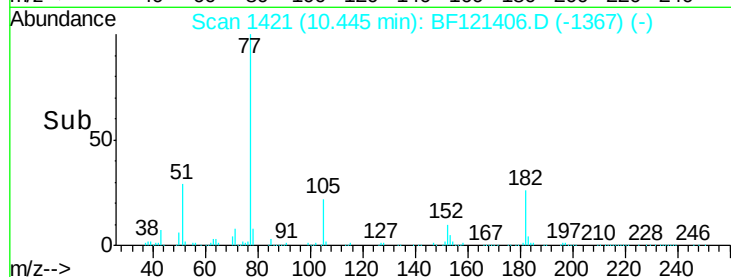
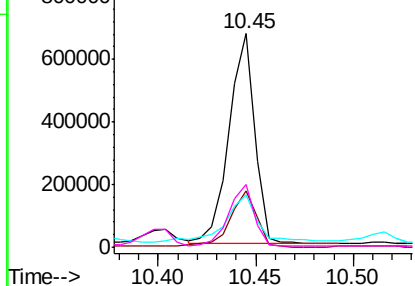
#63
Azobenzene
Concen: 42.197 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.02 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_P
ClientSampleId :
DRUM-COMPMSD

Tot Ion:	77	Resp:	609401
Ion	Ratio	Lower	Upper
77	100		
182	26.1	5.0	45.0
105	24.6	3.6	43.6
51	29.4	8.8	48.8

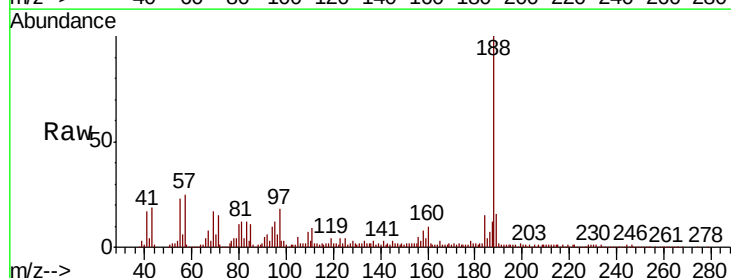


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

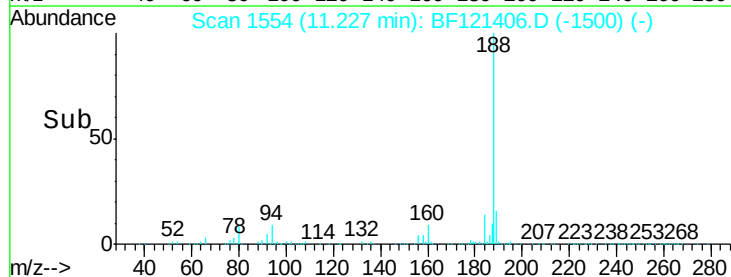
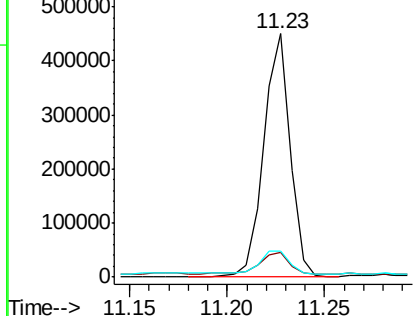


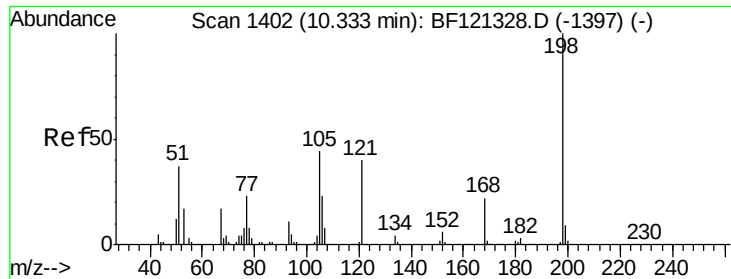
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.02 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion:	188	Resp:	416350
Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.2	10.8
80	10.6	7.4	11.0



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

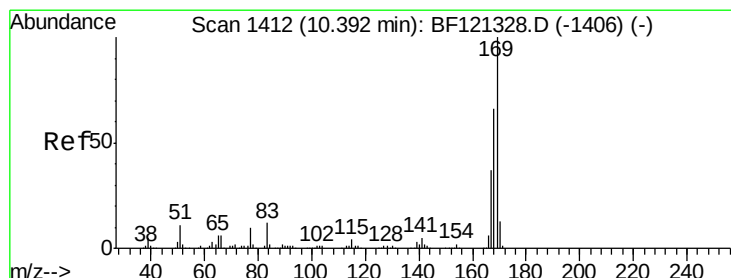
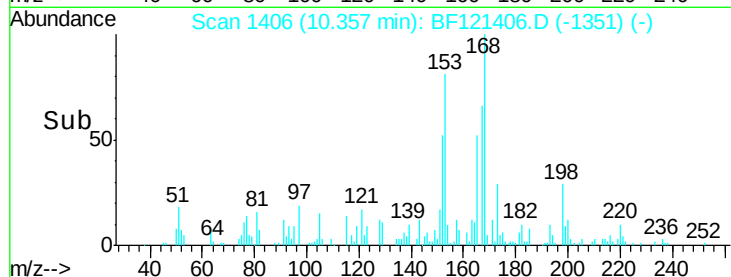
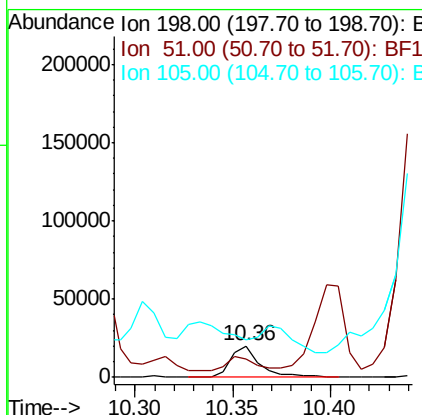
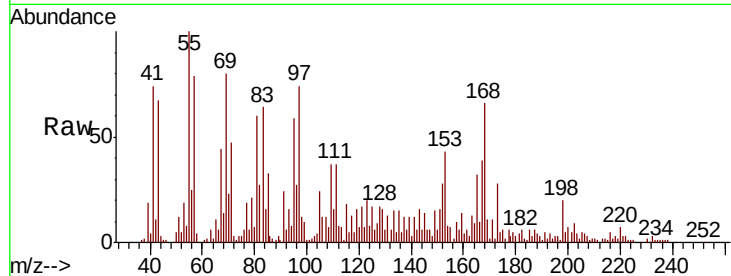




#65
4,6-Dinitro-2-methylphenol
Concen: 8.903 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.02 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

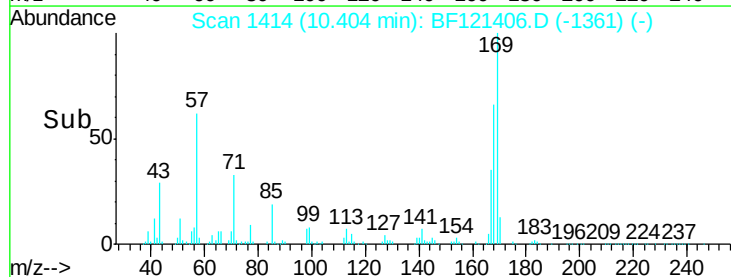
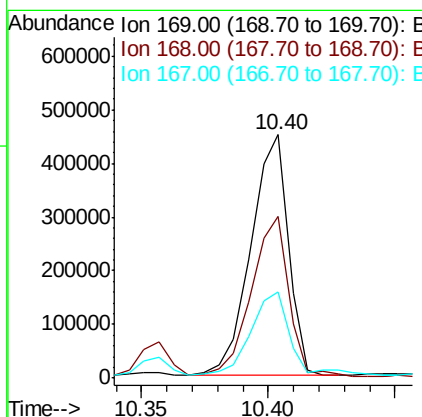
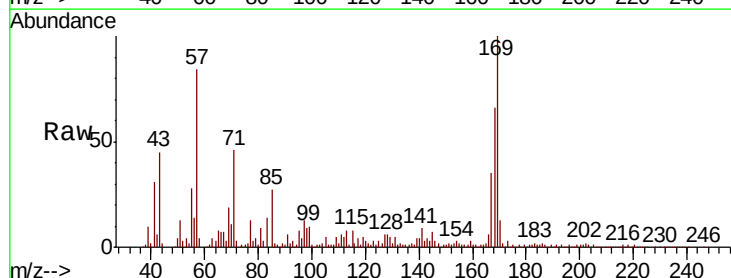
Instrument :
BNA_P
ClientSampleId :
DRUM-COMPMSD

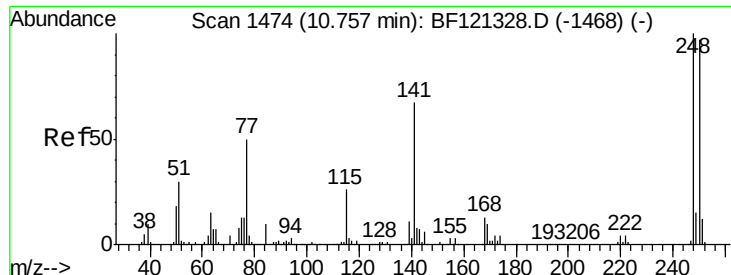
Tot Ion:198 Resp: 19823
Ion Ratio Lower Upper
198 100
51 60.5 25.5 65.5
105 119.4 24.9 64.9#



#66
n-Nitrosodiphenylamine
Concen: 36.105 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion:169 Resp: 463684
Ion Ratio Lower Upper
169 100
168 66.4 53.0 79.6
167 35.4 29.5 44.3

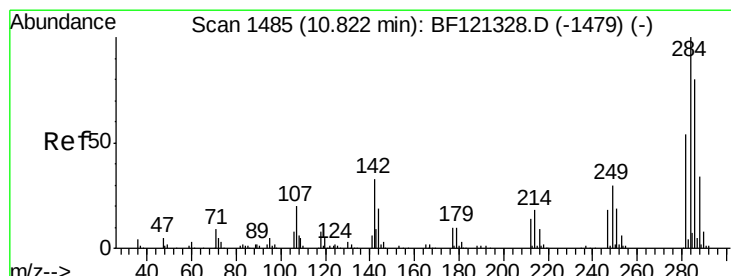
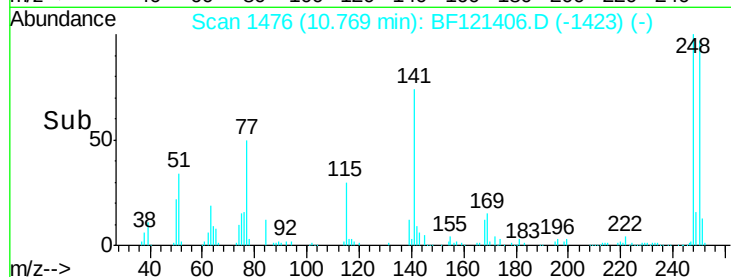
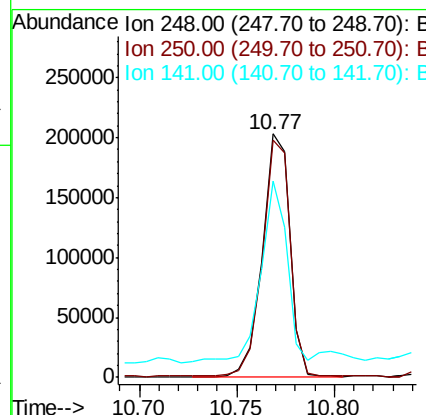
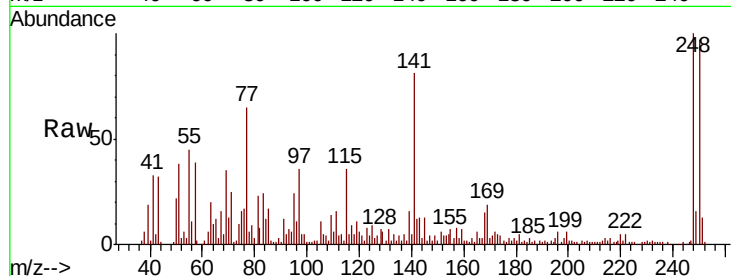




#67
 4-Bromophenyl-phenylether
 Concen: 42.640 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. 0.01 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

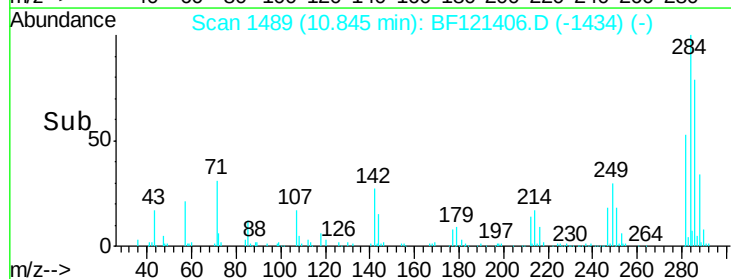
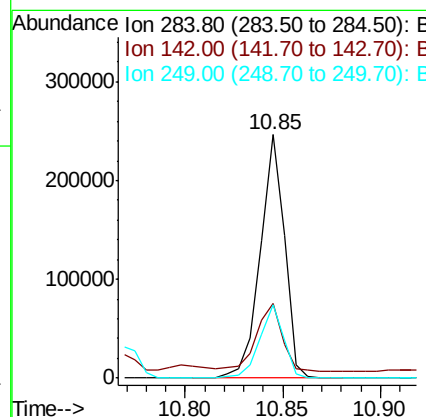
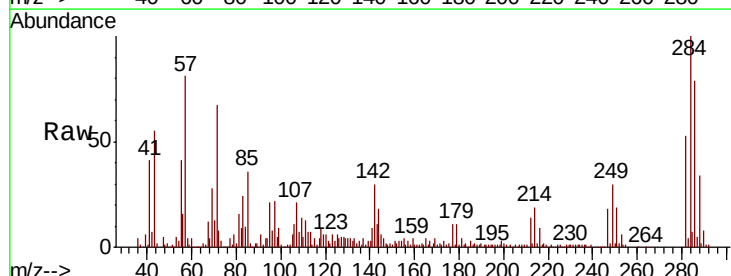
Instrument :
 BNA_P
 ClientSampleId :
 DRUM-COMPMSD

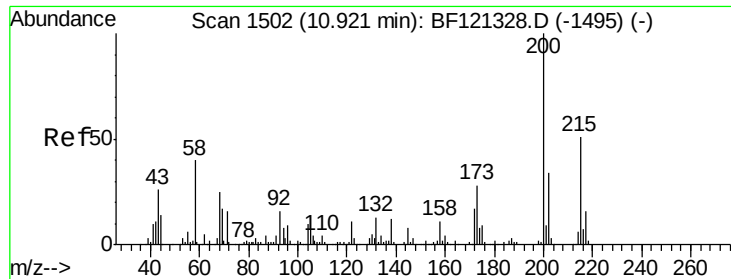
Tot Ion:248 Resp: 196928
 Ion Ratio Lower Upper
 248 100
 250 97.4 77.9 116.9
 141 80.7 53.5 80.3#



#68
 Hexachlorobenzene
 Concen: 39.854 ng
 RT: 10.85 min Scan# 1489
 Delta R.T. 0.02 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Tgt Ion:284 Resp: 212166
 Ion Ratio Lower Upper
 284 100
 142 30.5 26.1 39.1
 249 29.9 24.0 36.0

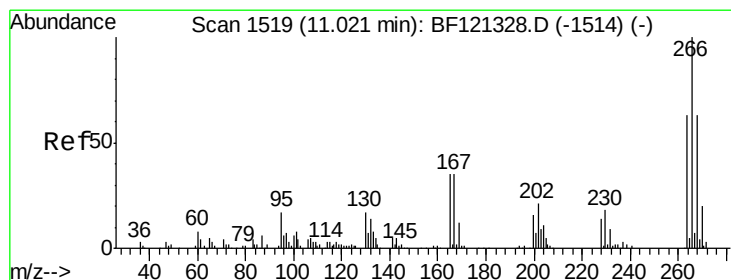
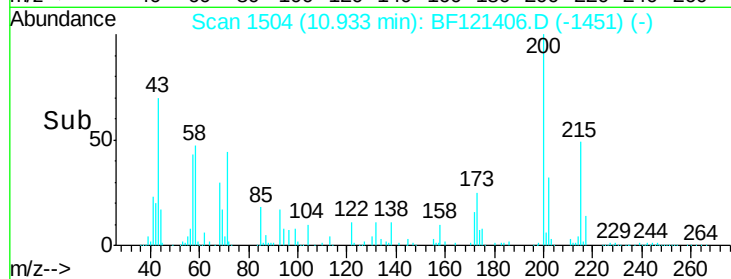
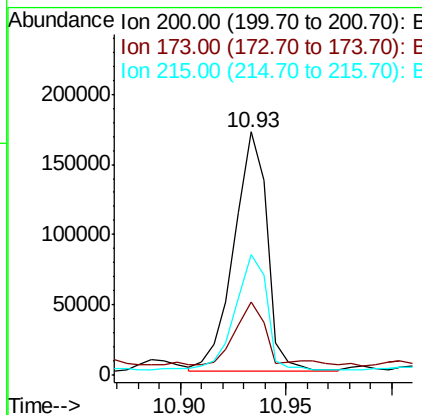
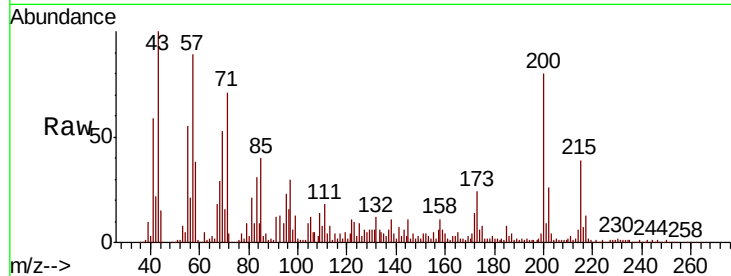




#69
Atrazine
 Concen: 46.989 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.01 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

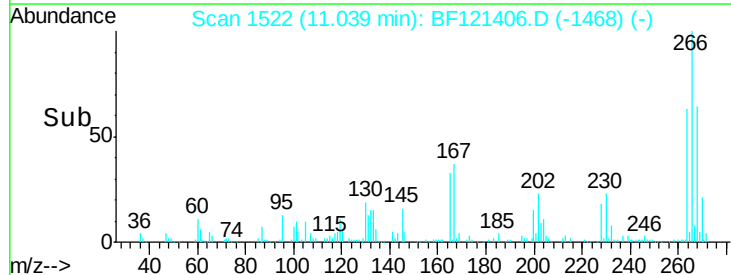
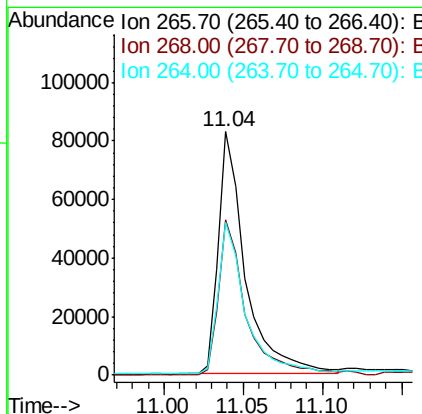
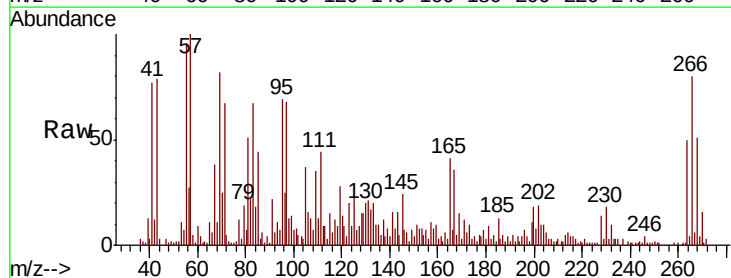
Instrument :
 BNA_P
 ClientSampleId :
 DRUM-COMPMSD

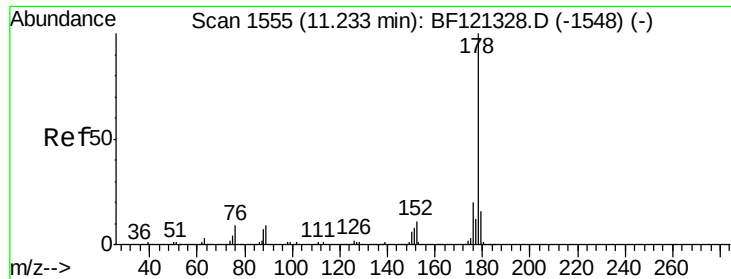
Tot Ion:	200	Resp:	186939
Ion Ratio	Lower	Upper	
200	100		
173	30.0	7.8	47.8
215	49.4	30.5	70.5



#70
Pentachlorophenol
 Concen: 41.694 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.02 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Tgt Ion:	266	Resp:	98757
Ion Ratio	Lower	Upper	
266	100		
268	63.6	50.6	75.8
264	62.5	50.5	75.7

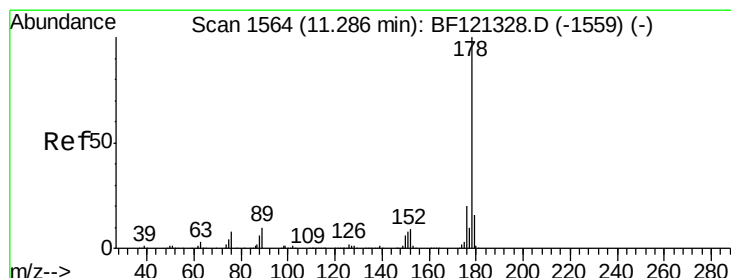
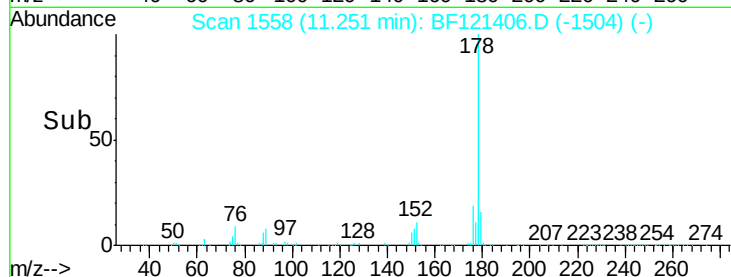
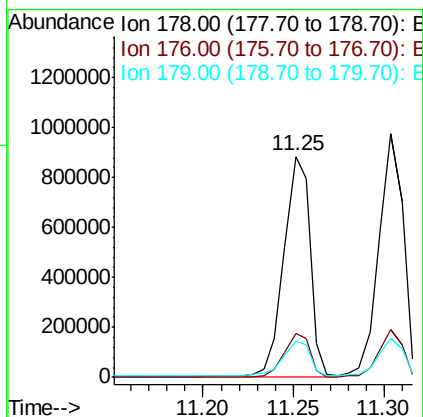
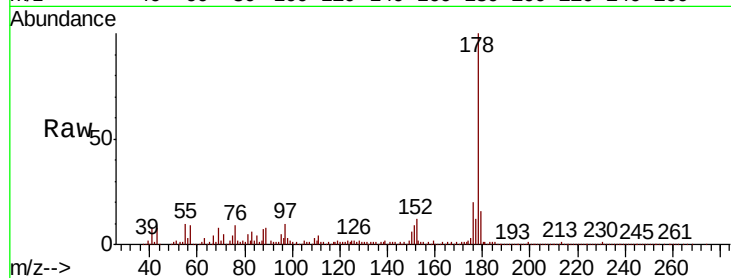




#71
Phenanthrene
Concen: 41.493 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.02 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

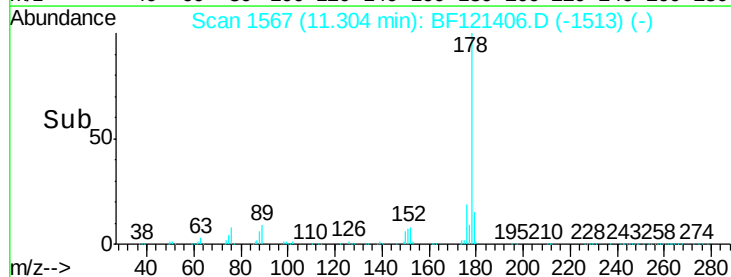
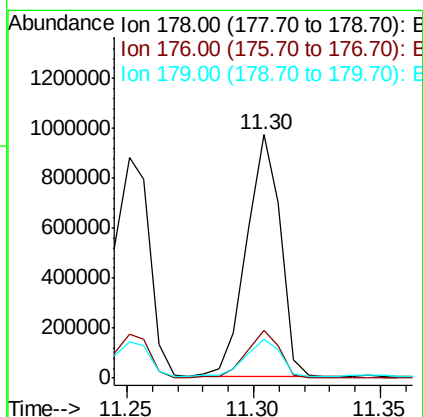
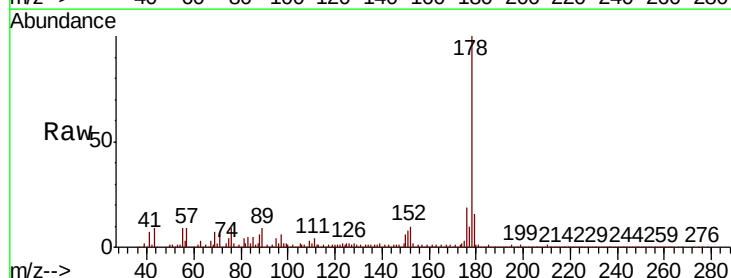
Instrument :
BNA_P
ClientSampleId :
DRUM-COMPMSD

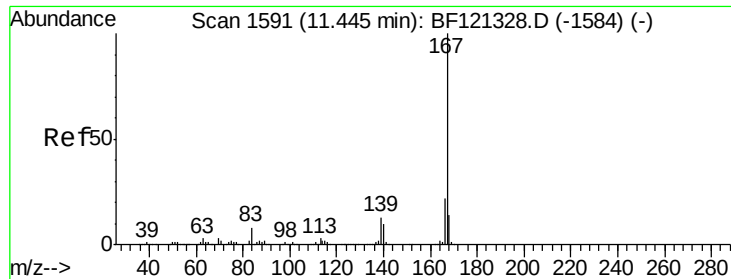
Tot Ion:178 Resp: 894107
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 16.3 12.8 19.2



#72
Anthracene
Concen: 43.462 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.02 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion:178 Resp: 901866
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 16.1 12.8 19.2

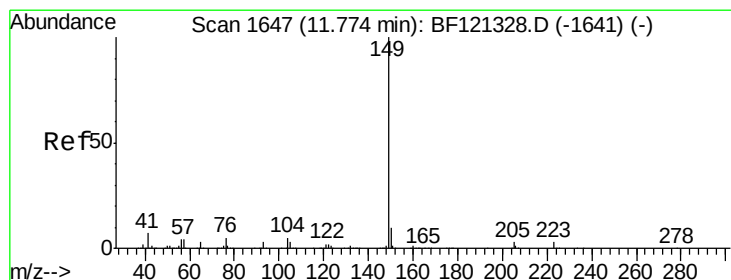
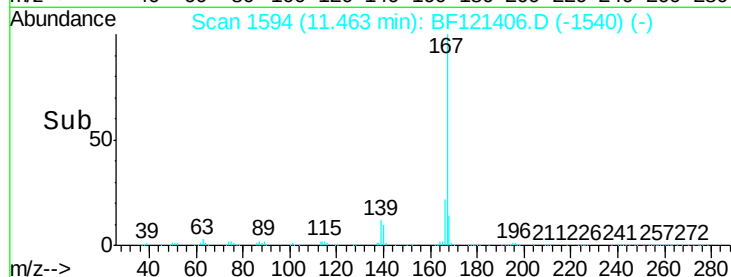
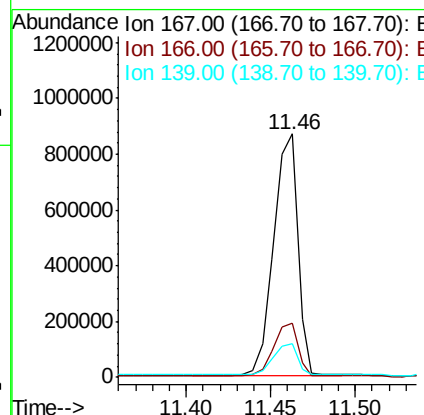
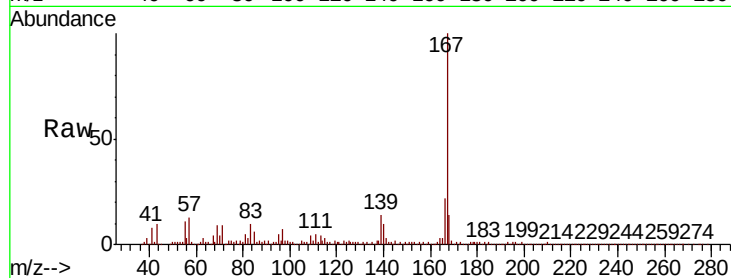




#73
 Carbazole
 Concen: 43.499 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. 0.02 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

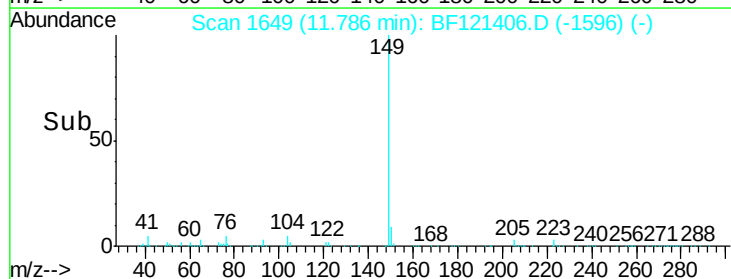
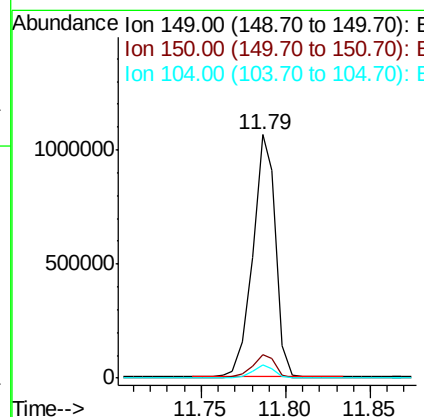
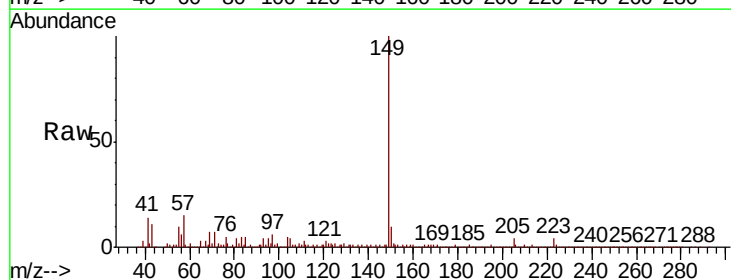
Instrument :
 BNA_P
 ClientSampleId :
 DRUM-COMPMSD

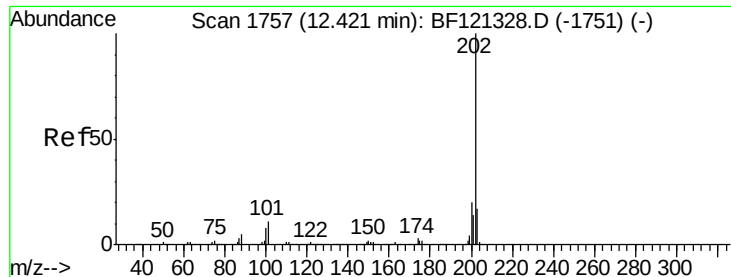
Tot Ion:167 Resp: 861441
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.7 26.5
 139 13.6 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 41.451 ng
 RT: 11.79 min Scan# 1649
 Delta R.T. 0.01 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Tgt Ion:149 Resp: 989849
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.3 3.9 5.9

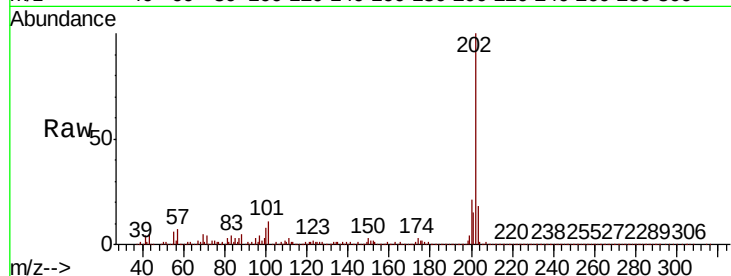




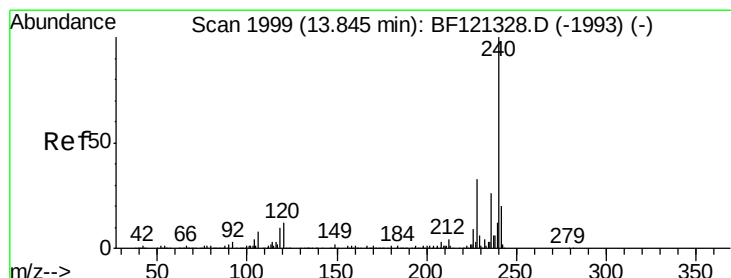
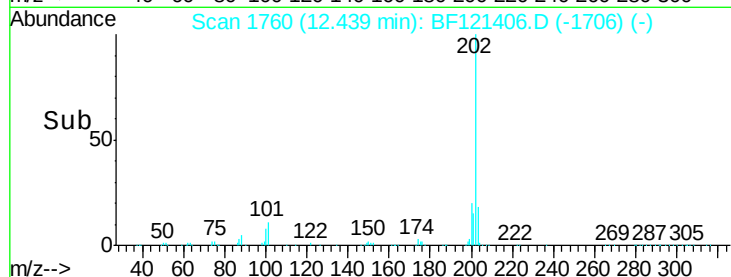
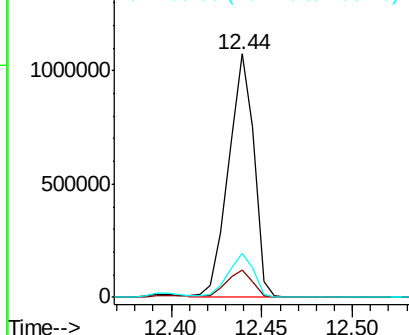
#75
Fluoranthene
Concen: 44.450 ng
RT: 12.44 min Scan# 1760
Delta R.T. 0.02 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_P
ClientSampleId :
DRUM-COMPMSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.6
203	18.2	0.0	37.5

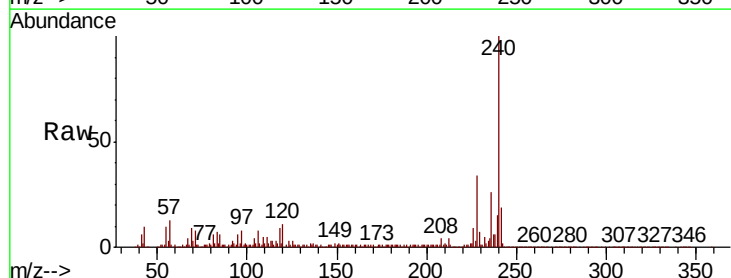


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

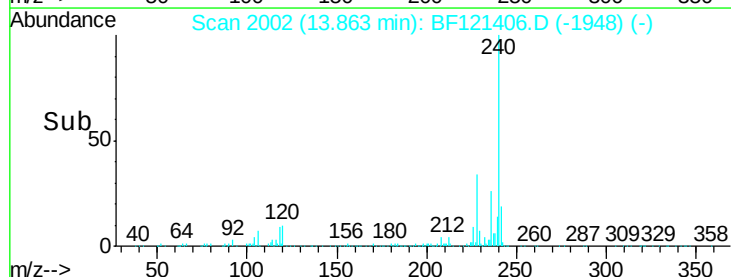
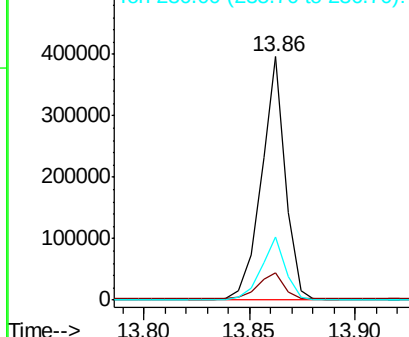


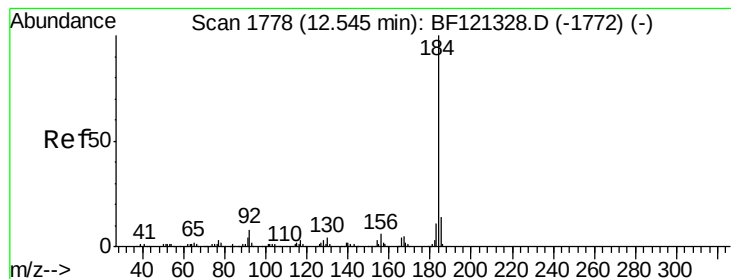
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. 0.02 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.6	14.4
236	25.8	20.6	31.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 76.217 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.02 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

Instrument :

BNA_P

ClientSampleId :

DRUM-COMPMSD

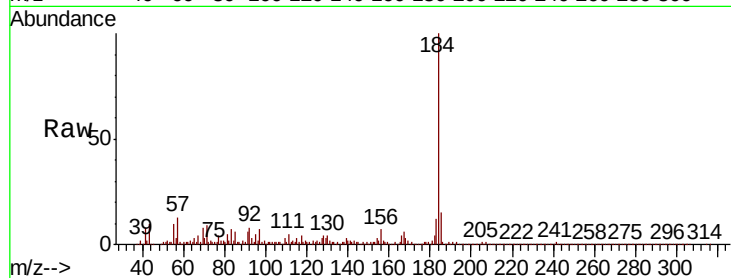
Tot Ion:184 Resp: 650341

Ion Ratio Lower Upper

184 100

185 15.0 11.6 17.4

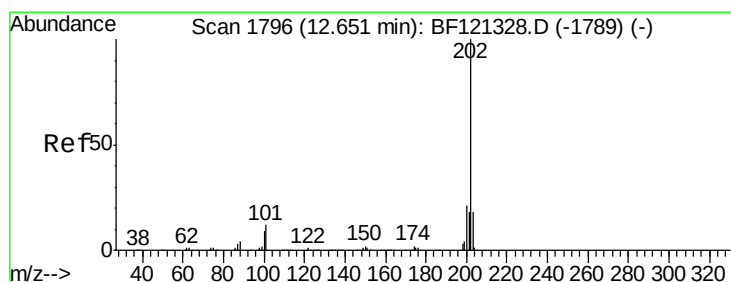
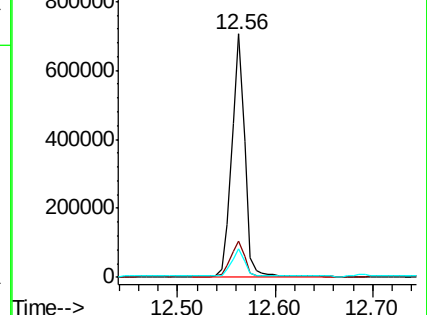
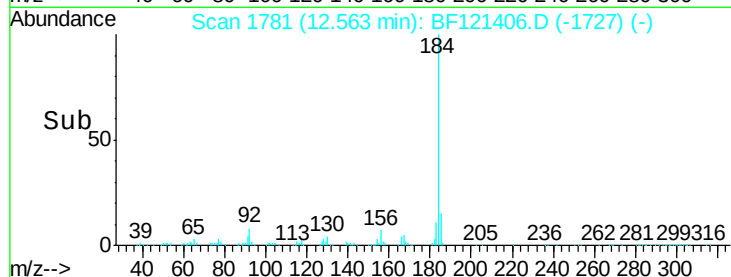
183 11.7 8.7 13.1



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: 45.173 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.02 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

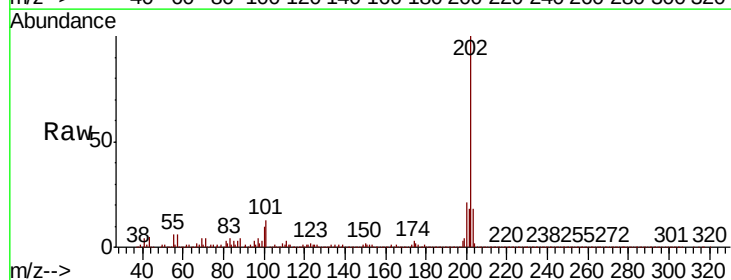
Tgt Ion:202 Resp: 1050926

Ion Ratio Lower Upper

202 100

200 21.1 16.6 24.8

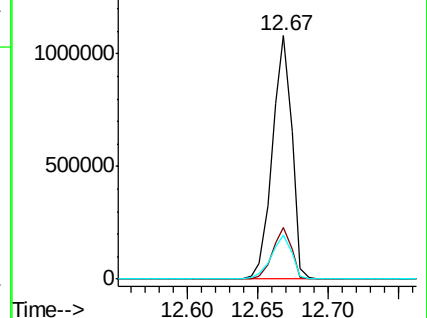
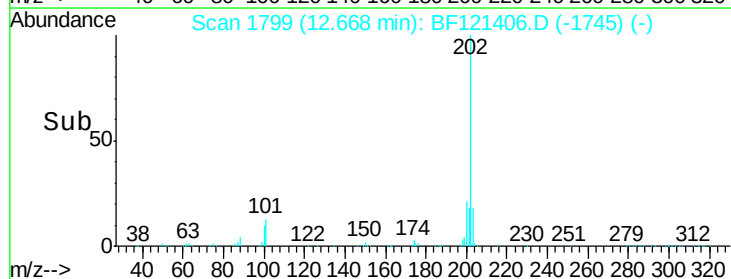
203 18.2 14.2 21.2

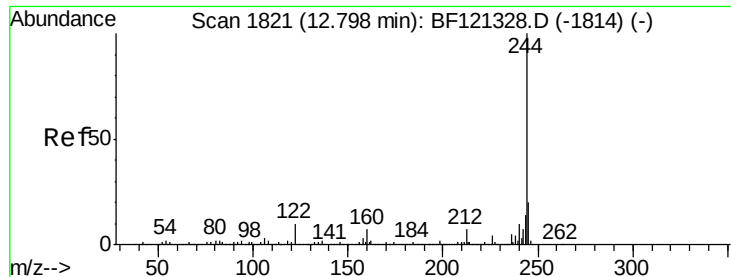


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

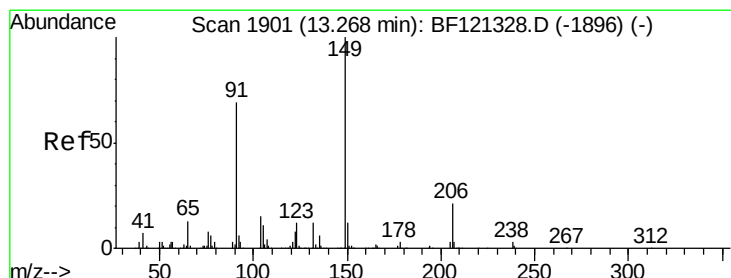
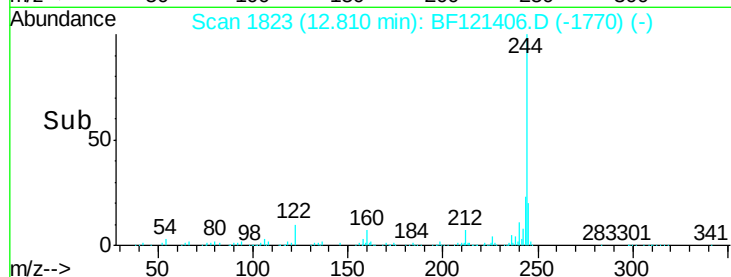
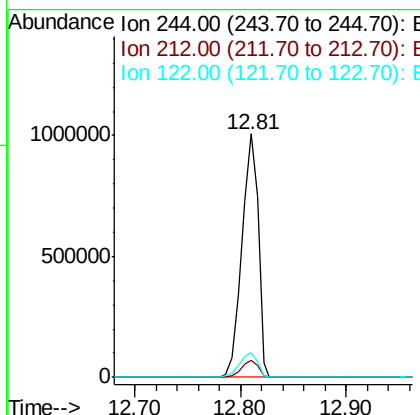
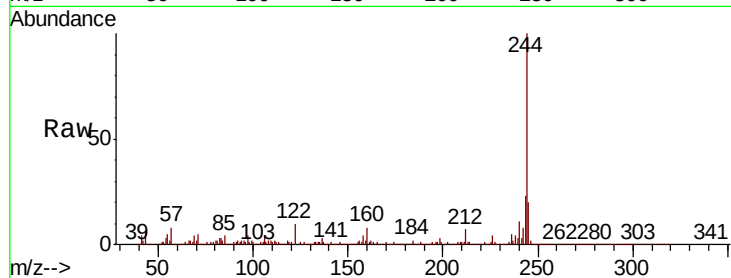




#79
 Terphenyl-d14
 Concen: 66.732 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. 0.01 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

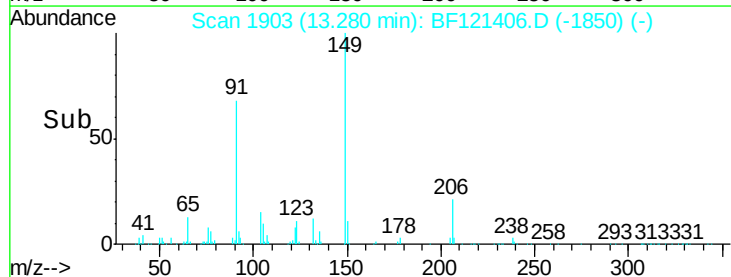
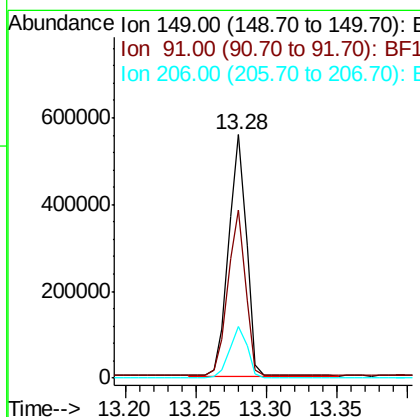
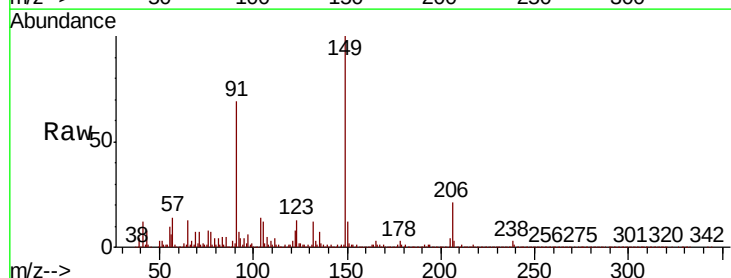
Instrument :
 BNA_P
 ClientSampleId :
 DRUM-COMPMSD

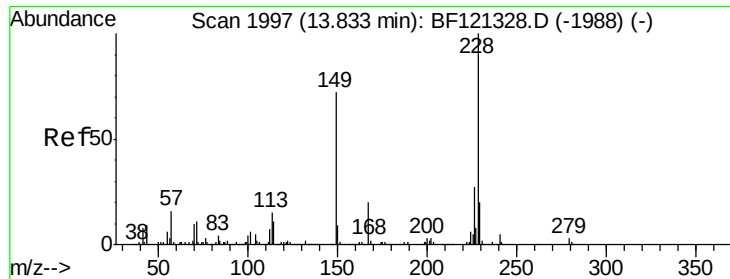
Tot Ion:244 Resp: 1057634
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 10.3 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 48.821 ng
 RT: 13.28 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Tgt Ion:149 Resp: 488044
 Ion Ratio Lower Upper
 149 100
 91 69.1 55.2 82.8
 206 21.3 16.8 25.2

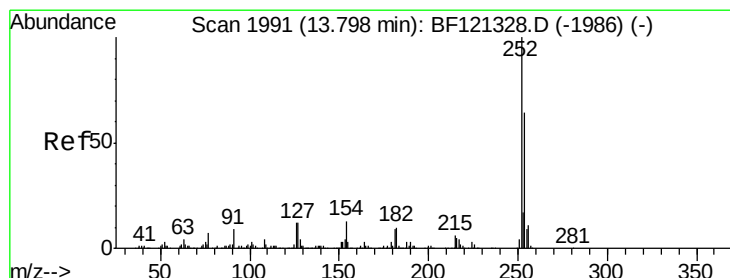
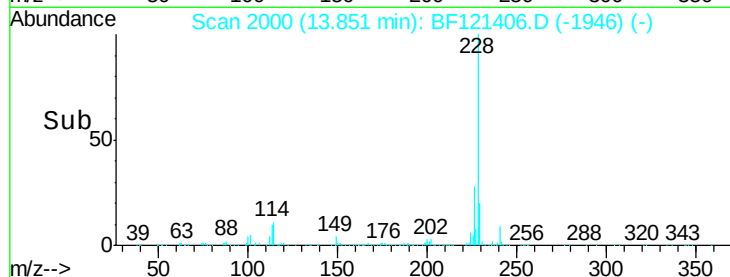
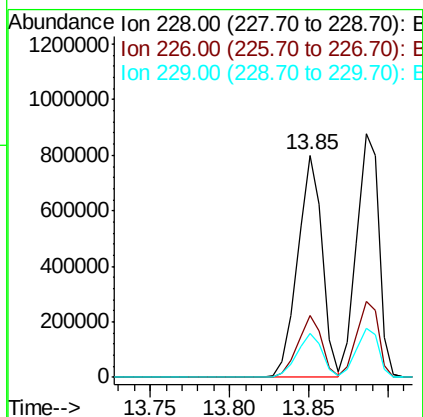
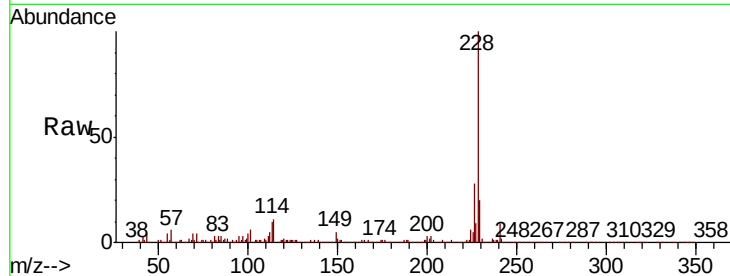




#81
Benzo(a)anthracene
Concen: 44.160 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.02 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

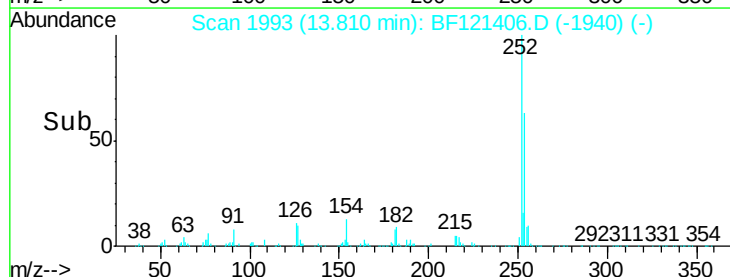
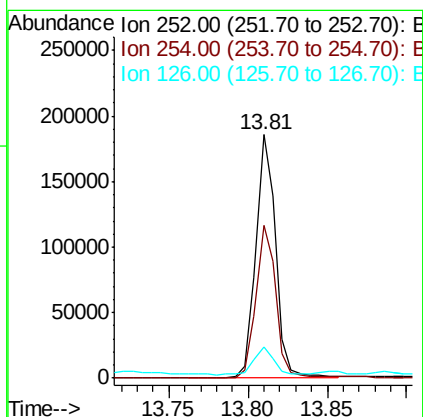
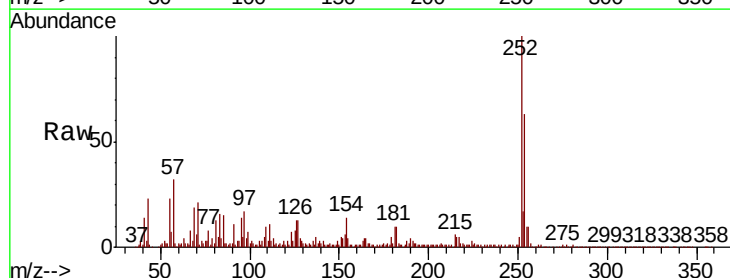
Instrument :
BNA_P
ClientSampleId :
DRUM-COMPMSD

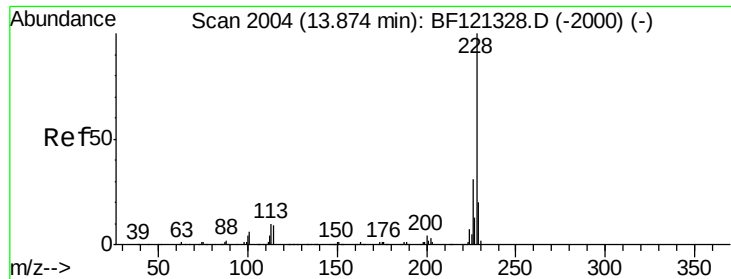
Tot Ion:228 Resp: 849488
Ion Ratio Lower Upper
228 100
226 27.9 21.8 32.6
229 20.0 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 21.612 ng
RT: 13.81 min Scan# 1993
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion:252 Resp: 159624
Ion Ratio Lower Upper
252 100
254 62.7 51.5 77.3
126 13.0 9.8 14.8

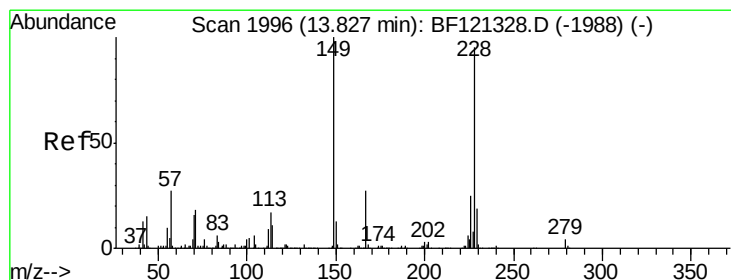
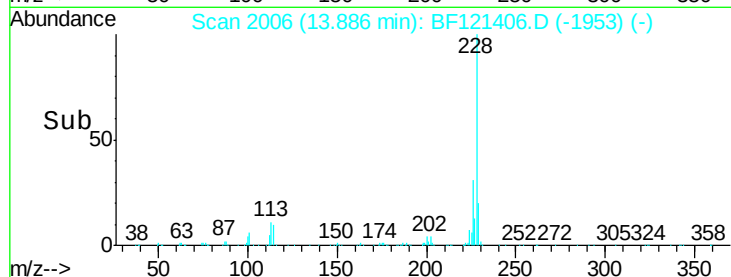
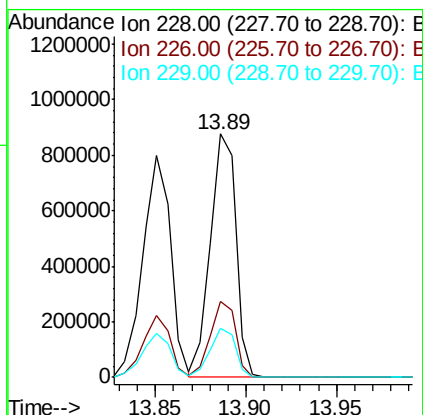
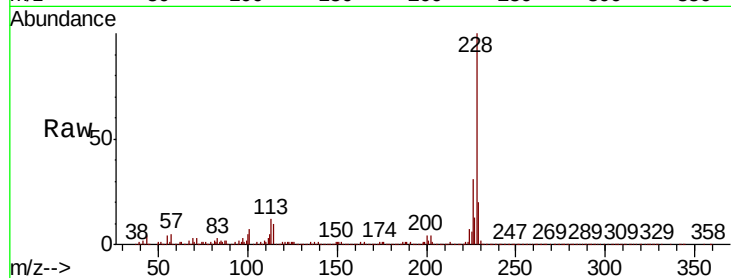




#83
 Chrysene
 Concen: 43.715 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.01 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

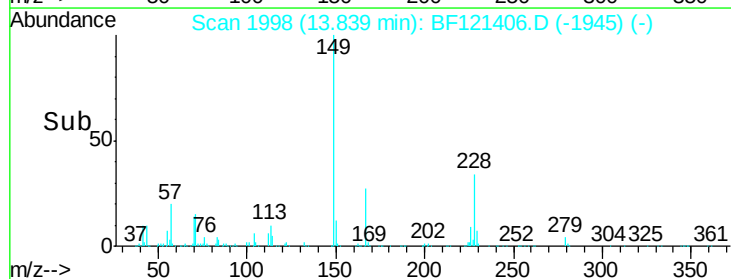
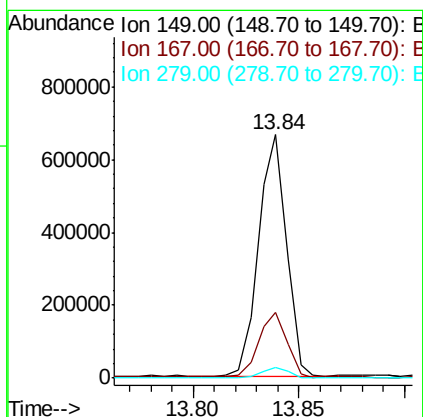
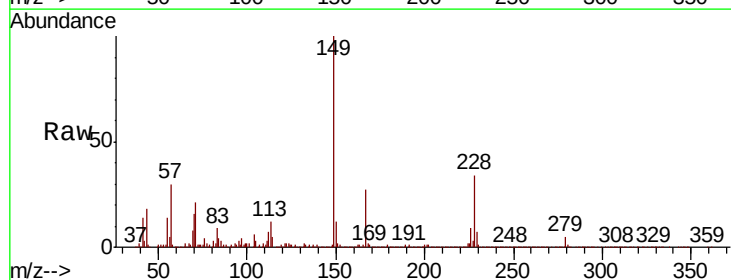
Instrument :
 BNA_P
 ClientSampleId :
 DRUM-COMPMSD

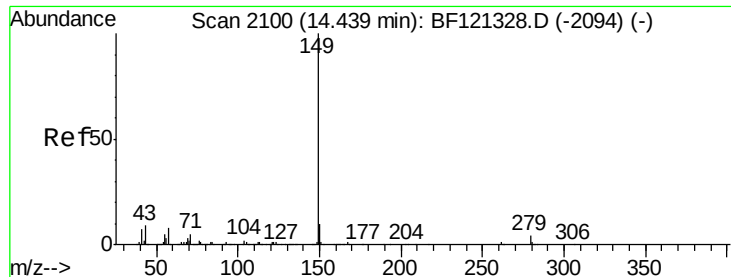
Tot Ion:228 Resp: 860062
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.6 36.8
 229 20.1 15.9 23.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.621 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. 0.01 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Tgt Ion:149 Resp: 606859
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.5 32.3
 279 4.5 2.9 4.3#

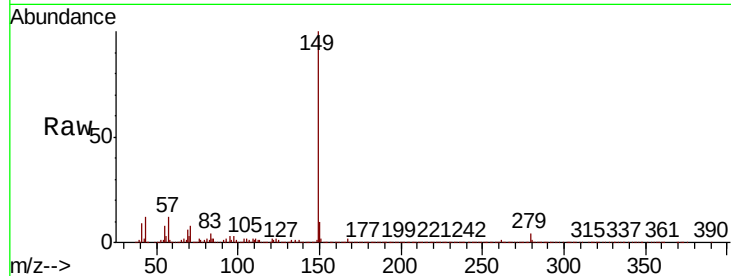




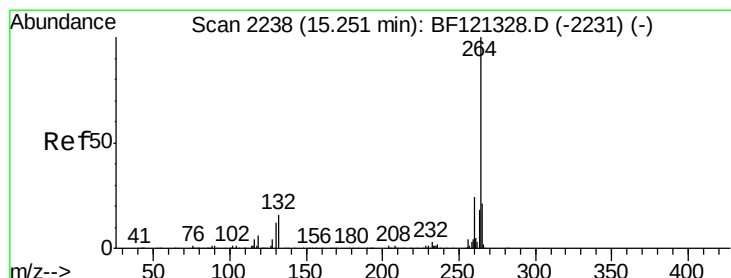
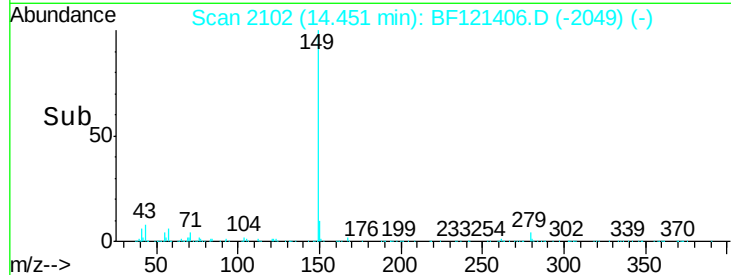
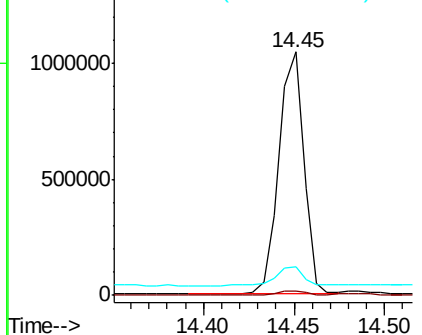
#85
Di-n-octyl phthalate
Concen: 46.022 ng
RT: 14.45 min Scan# 2102
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_P
ClientSampleId :
DRUM-COMPMSD

Tot Ion:149 Resp: 1001263
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.8 7.1 10.7

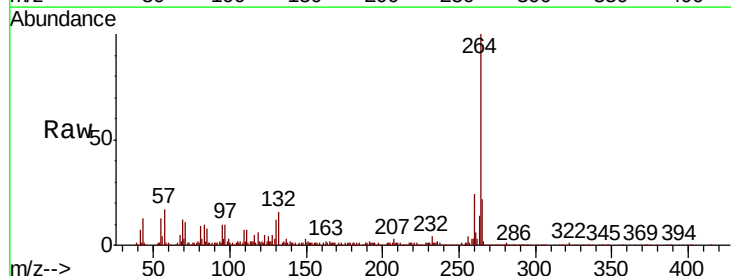


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

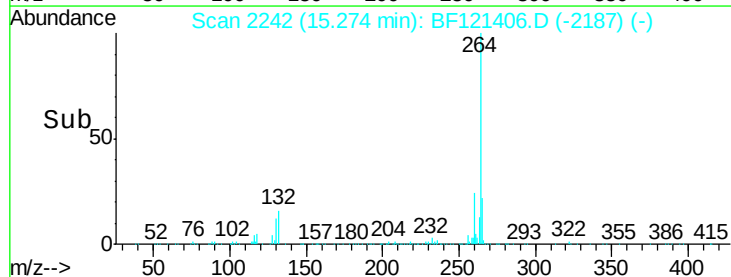
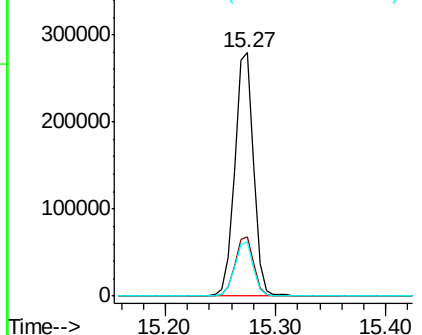


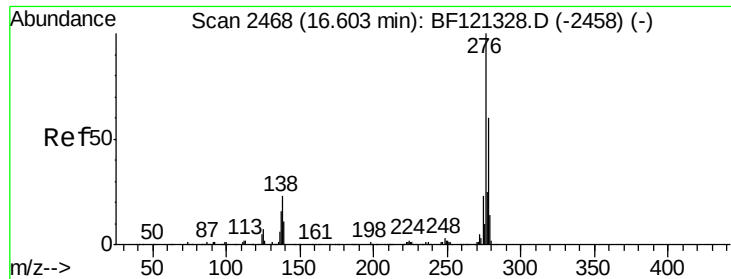
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.02 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion:264 Resp: 333778
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 22.2 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



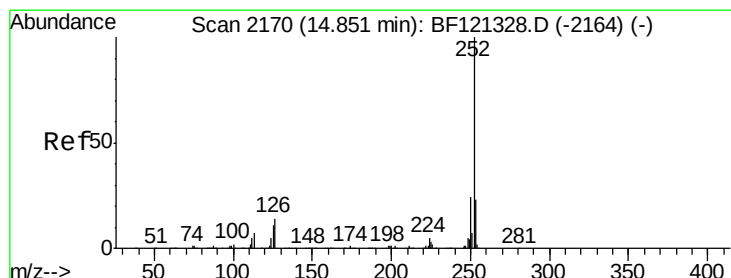
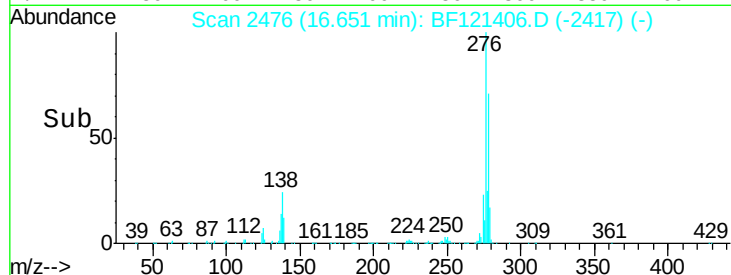
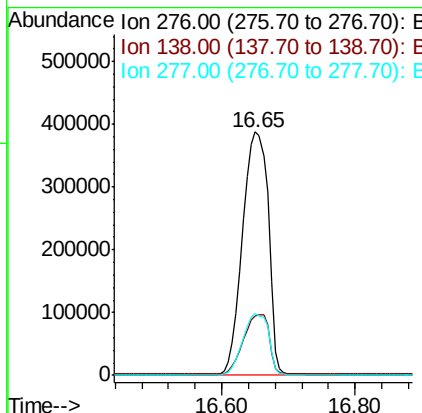
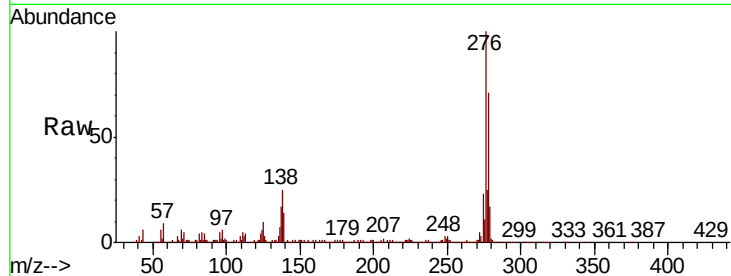


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.400 ng
 RT: 16.65 min Scan# 2476
 Delta R.T. 0.05 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Instrument :
 BNA_P
 ClientSampleId :
 DRUM-COMPMSD

Tot Ion:276 Resp: 1026877

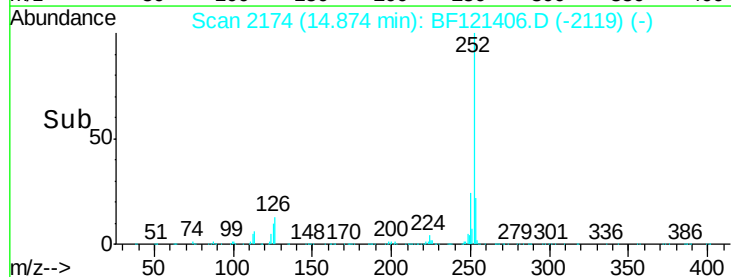
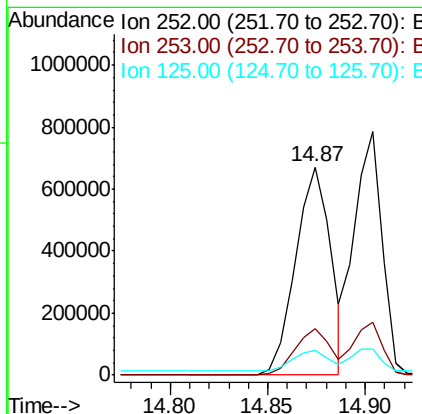
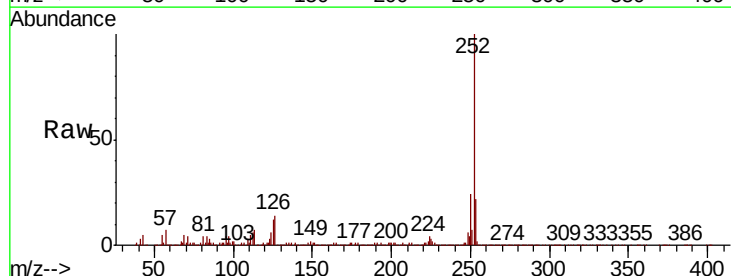
Ion	Ratio	Lower	Upper
276	100		
138	24.0	19.4	29.0
277	25.0	19.9	29.9

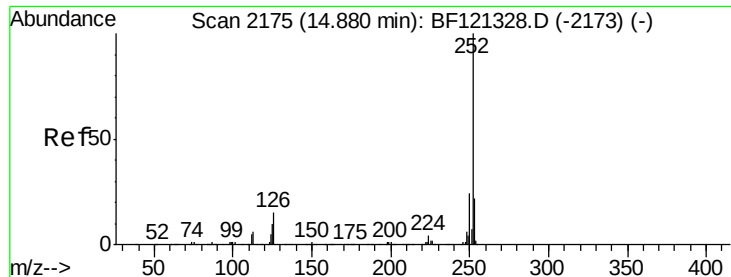


#88
 Benzo(b)fluoranthene
 Concen: 38.726 ng
 RT: 14.87 min Scan# 2174
 Delta R.T. 0.02 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Tgt Ion:252 Resp: 835065

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	11.8	8.6	12.8

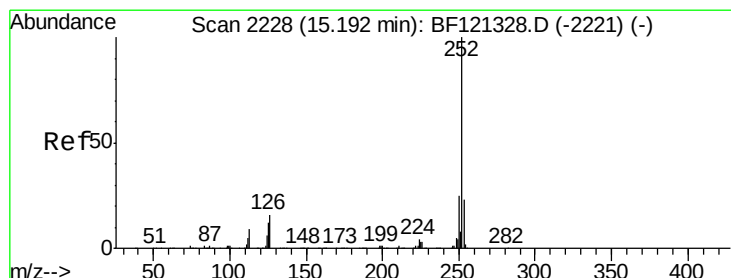
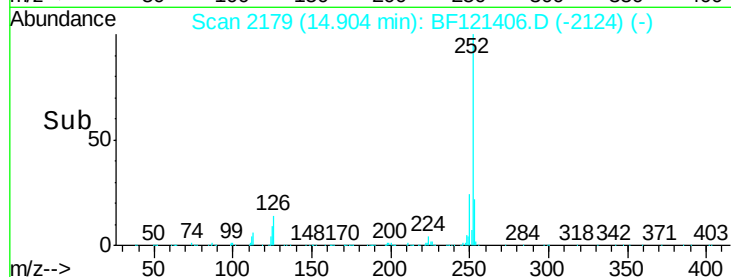
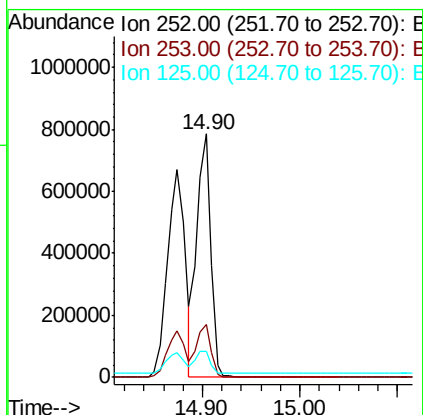
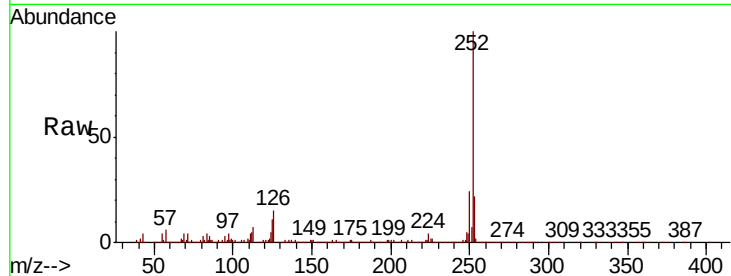




#89
Benzo(k)fluoranthene
Concen: 41.015 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.02 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

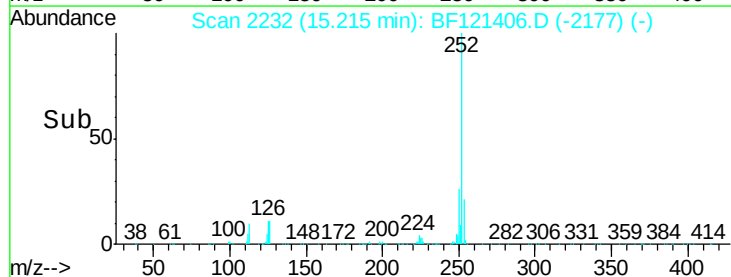
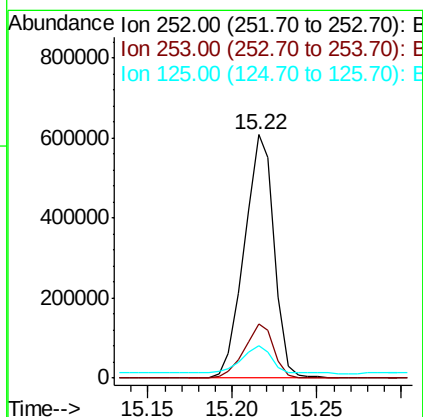
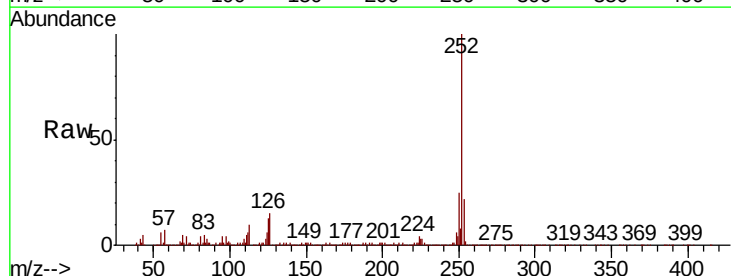
Instrument :
BNA_P
ClientSampleId :
DRUM-COMPMSD

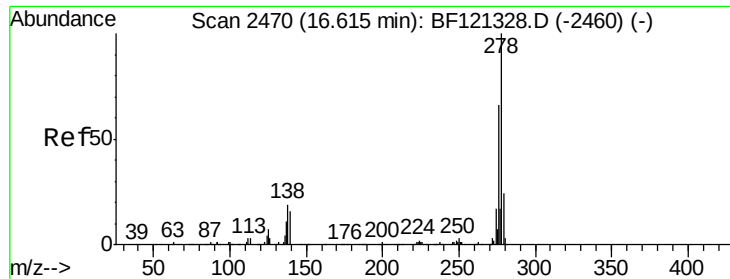
Tot Ion:252 Resp: 778525
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 10.7 8.6 12.8



#90
Benzo(a)pyrene
Concen: 39.983 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.02 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion:252 Resp: 744957
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 13.4 9.4 14.0



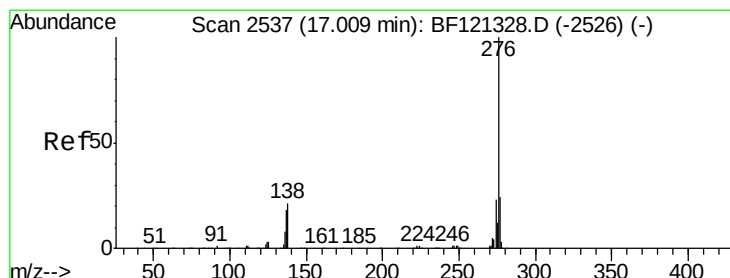
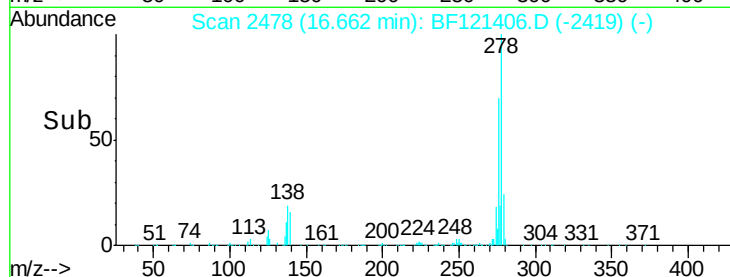
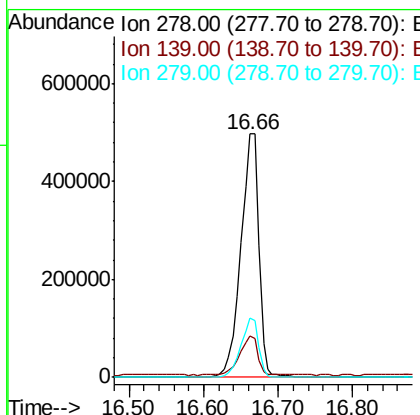
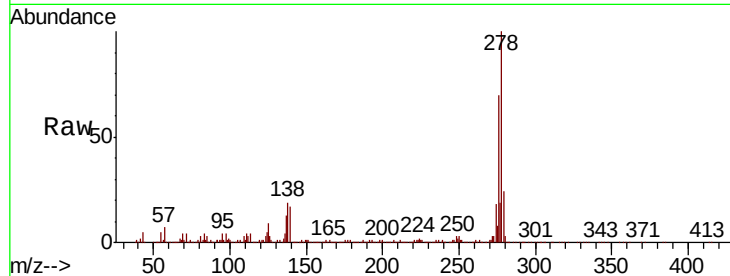


#91
Dibenzo(a,h)anthracene
Concen: 49.882 ng
RT: 16.66 min Scan# 2478
Delta R.T. 0.05 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_P
ClientSampleId :
DRUM-COMPMSD

Tot Ion:278 Resp: 833299

Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.1	19.7
279	24.4	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 54.727 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.06 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion:276 Resp: 893775

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.3	28.9
138	22.1	16.8	25.2

