

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
 Data File : BF121894.D
 Acq On : 8 Oct 2020 17:48
 Operator : JU/CG
 Sample : L4309-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWLS-HEAD-BH-04-BMSD

Quant Time: Oct 08 19:04:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	102645	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	403207	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	211353	20.00	ng	-0.01
64) Phenanthrene-d10	11.28	188	382079	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	241799	20.00	ng	-0.01
86) Perylene-d12	15.36	264	261623	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	658193	95.30	ng	0.00
7) Phenol-d6	6.41	99	866361	95.61	ng	0.00
23) Nitrobenzene-d5	7.33	82	610287	81.27	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	226297	86.15	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	1073406	76.92	ng	-0.01
79) Terphenyl-d14	12.87	244	1043977	87.47	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.50	88	110206	34.731	ng	100
3) Pyridine	3.23	79	314620	35.866	ng	99
4) n-Nitrosodimethylamine	3.19	42	153031	37.610	ng	100
6) Aniline	6.42	93	261111	22.125	ng	# 6
8) 2-Chlorophenol	6.55	128	286967	40.808	ng	93
9) Benzaldehyde	6.31	77	67914	11.465	ng	99
10) Phenol	6.42	94	362507	37.568	ng	96
11) bis(2-Chloroethyl)ether	6.50	93	286631	39.412	ng	97
12) 1,3-Dichlorobenzene	6.70	146	311003	39.623	ng	99
13) 1,4-Dichlorobenzene	6.77	146	311571	39.533	ng	99
14) 1,2-Dichlorobenzene	6.93	146	298783	41.153	ng	98
15) Benzyl Alcohol	6.91	79	250151	40.616	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	455349	38.909	ng	90
17) 2-Methylphenol	7.03	107	232487	38.855	ng	94
18) Hexachloroethane	7.27	117	114953	40.735	ng	97
19) n-Nitroso-di-n-propylamine	7.18	70	209893	40.191	ng	98
20) 3+4-Methylphenols	7.18	107	295949	41.167	ng	# 72
22) Acetophenone	7.17	105	396859	38.793	ng	# 90
24) Nitrobenzene	7.35	77	315143	38.801	ng	100
25) Isophorone	7.59	82	565547	37.411	ng	99
26) 2-Nitrophenol	7.66	139	150346	39.783	ng	97
27) 2,4-Dimethylphenol	7.70	122	255749	37.900	ng	98
28) bis(2-Chloroethoxy)methane	7.79	93	366138	39.123	ng	100
29) 2,4-Dichlorophenol	7.91	162	242839	39.511	ng	98
30) 1,2,4-Trichlorobenzene	7.99	180	250487	38.698	ng	99
31) Naphthalene	8.06	128	821540	38.598	ng	99
32) Benzoic acid	7.85	122	133750	29.663	ng	97
33) 4-Chloroaniline	8.12	127	127181	13.785	ng	98
34) Hexachlorobutadiene	8.18	225	153847	40.493	ng	99
35) Caprolactam	8.49	113	48506	23.699	ng	99
36) 4-Chloro-3-methylphenol	8.62	107	259831	39.244	ng	99
37) 2-Methylnaphthalene	8.76	142	539254	38.660	ng	99
38) 1-Methylnaphthalene	8.86	142	501637	38.642	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	257426	38.992	ng	100

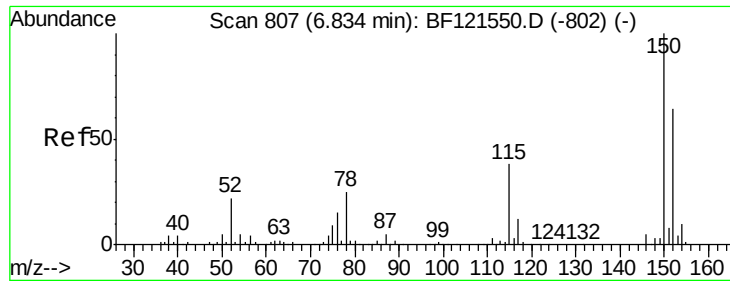
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
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 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	111640	29.611	ng	98
43) 2,4,6-Trichlorophenol	9.04	196	166102	36.912	ng	99
44) 2,4,5-Trichlorophenol	9.09	196	176940	37.194	ng	97
46) 1,1'-Biphenyl	9.22	154	652178	38.544	ng	99
47) 2-Chloronaphthalene	9.25	162	505281	37.896	ng	99
48) 2-Nitroaniline	9.35	65	171461	41.382	ng	96
49) Acenaphthylene	9.66	152	787721	38.451	ng	99
50) Dimethylphthalate	9.52	163	738467	48.207	ng	99
51) 2,6-Dinitrotoluene	9.59	165	134066	41.095	ng	86
52) Acenaphthene	9.83	154	465129	35.946	ng	99
53) 3-Nitroaniline	9.76	138	75334	19.934	ng	98
54) 2,4-Dinitrophenol	9.88	184	89792	51.371	ng	99
55) Dibenzofuran	10.00	168	679633	37.297	ng	99
56) 4-Nitrophenol	9.94	139	159970	53.077	ng	# 83
57) 2,4-Dinitrotoluene	10.00	165	166438	40.553	ng	# 89
58) Fluorene	10.35	166	555506	39.864	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.13	232	141339	36.545	ng	97
60) Diethylphthalate	10.22	149	605959	40.572	ng	99
61) 4-Chlorophenyl-phenylether	10.34	204	270689	40.550	ng	99
62) 4-Nitroaniline	10.37	138	125402	33.419	ng	97
63) Azobenzene	10.50	77	625830	39.348	ng	99
65) 4,6-Dinitro-2-methylphenol	10.41	198	79285	35.841	ng	98
66) n-Nitrosodiphenylamine	10.46	169	521182	39.760	ng	99
67) 4-Bromophenyl-phenylether	10.83	248	178441	41.020	ng	98
68) Hexachlorobenzene	10.90	284	193671	39.450	ng	94
69) Atrazine	10.99	200	129513	39.769	ng	99
70) Pentachlorophenol	11.10	266	143176	53.105	ng	99
71) Phenanthrene	11.31	178	810353	38.927	ng	100
72) Anthracene	11.36	178	830709	38.669	ng	99
73) Carbazole	11.52	167	726545	37.478	ng	99
74) Di-n-butylphthalate	11.85	149	957500	42.794	ng	99
75) Fluoranthene	12.50	202	817947	36.808	ng	99
77) Benzidine	12.62	184	357274	44.569	ng	99
78) Pyrene	12.73	202	809967	45.847	ng	99
80) Butylbenzylphthalate	13.34	149	357525	50.039	ng	99
81) Benzo(a)anthracene	13.92	228	637986	41.706	ng	98
82) 3,3'-Dichlorobenzidine	13.87	252	198644	33.262	ng	99
83) Chrysene	13.95	228	608294	39.269	ng	100
84) Bis(2-ethylhexyl)phthalate	13.90	149	518544	54.326	ng	100
85) Di-n-octyl phthalate	14.51	149	801265	47.567	ng	100
87) Indeno(1,2,3-cd)pyrene	16.79	276	806589	47.341	ng	100
88) Benzo(b)fluoranthene	14.95	252	658623	37.658	ng	99
89) Benzo(k)fluoranthene	14.98	252	603309	37.669	ng	99
90) Benzo(a)pyrene	15.30	252	588777	39.603	ng	98
91) Dibenzo(a,h)anthracene	16.80	278	655578	46.224	ng	99
92) Benzo(g,h,i)perylene	17.22	276	690272	49.513	ng	98

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

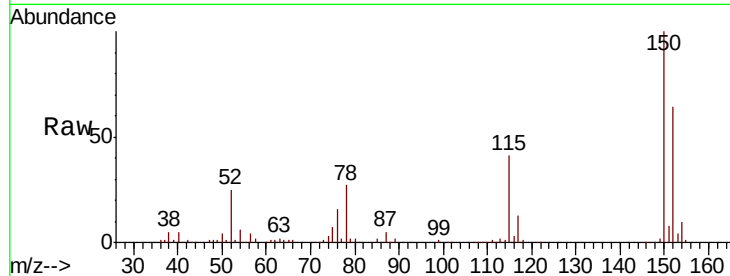


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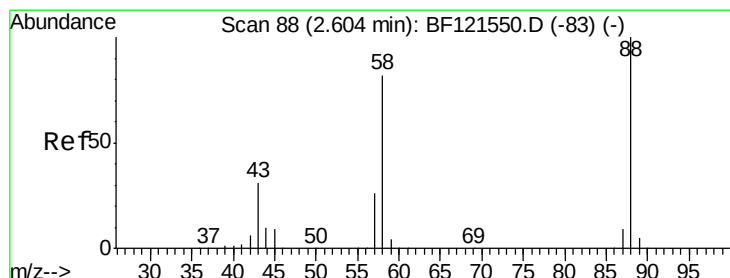
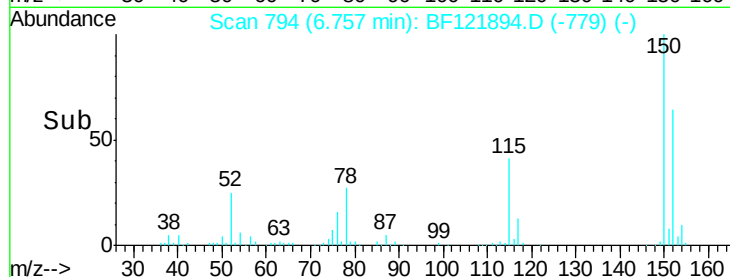
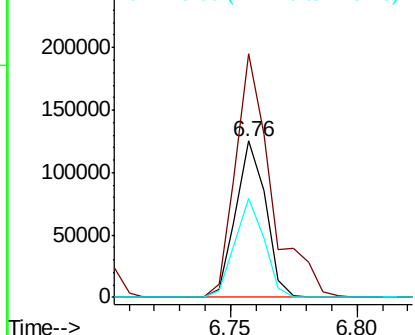
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-04-BMSD

Tot Ion:152 Resp: 102645
Ion Ratio Lower Upper
152 100
150 156.0 125.3 187.9
115 63.8 51.9 77.9



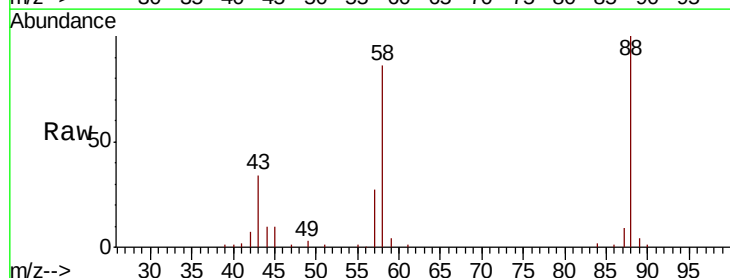
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



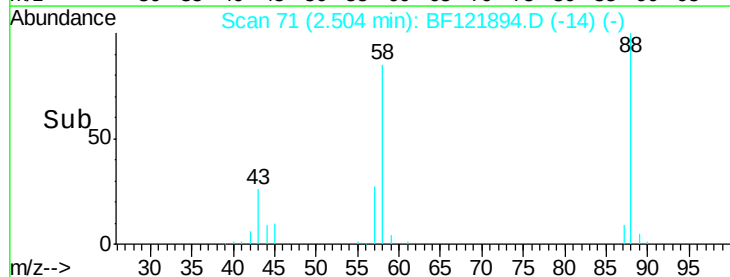
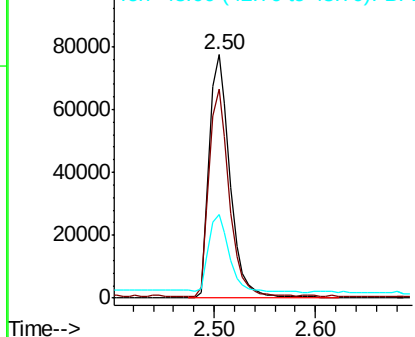
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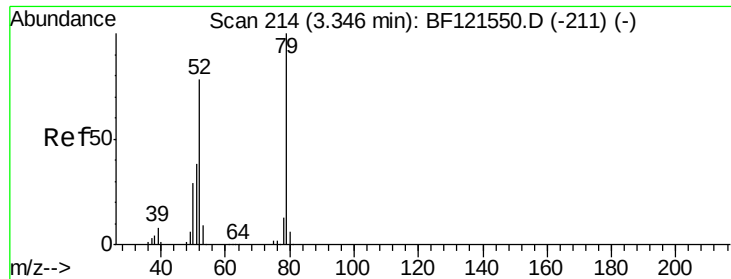
1,4-Dioxane
Concen: 34.731 ng
RT: 2.50 min Scan# 71
Delta R.T. 0.04 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

Tgt Ion: 88 Resp: 110206
Ion Ratio Lower Upper
88 100
58 81.8 65.8 98.8
43 32.2 25.8 38.8



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: 35.866 ng

RT: 3.23 min Scan# 195

Delta R.T. 0.04 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Instrument :

BNA_F

ClientSampleId :

OWLS-HEAD-BH-04-BMSD

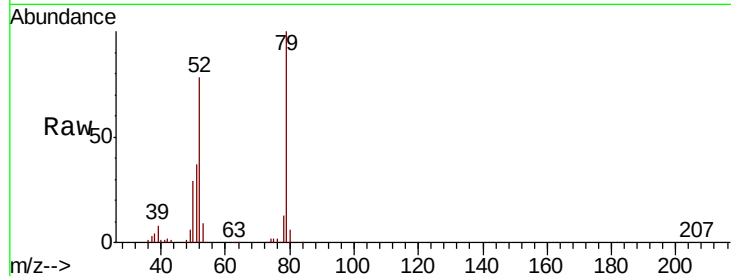
Tot Ion: 79 Resp: 314620

Ion Ratio Lower Upper

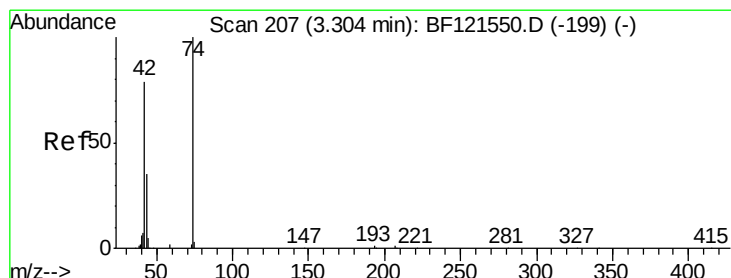
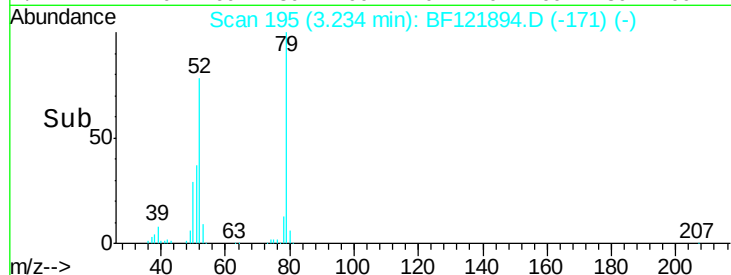
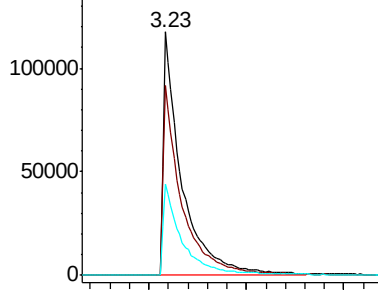
79 100

52 78.0 62.2 93.4

51 37.5 31.1 46.7



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.610 ng

RT: 3.19 min Scan# 187

Delta R.T. 0.03 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

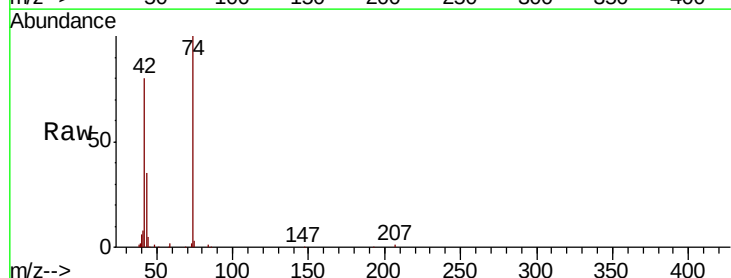
Tgt Ion: 42 Resp: 153031

Ion Ratio Lower Upper

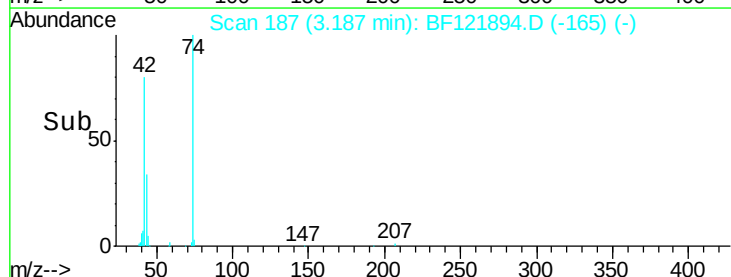
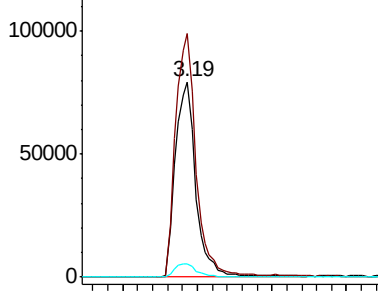
42 100

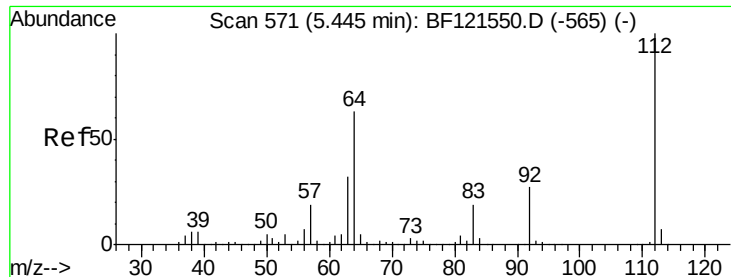
74 124.9 100.2 150.2

44 6.5 5.8 8.6



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1

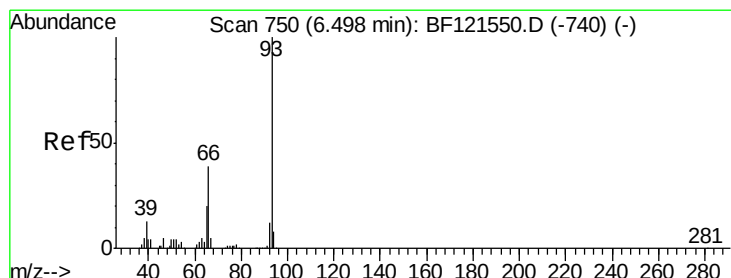
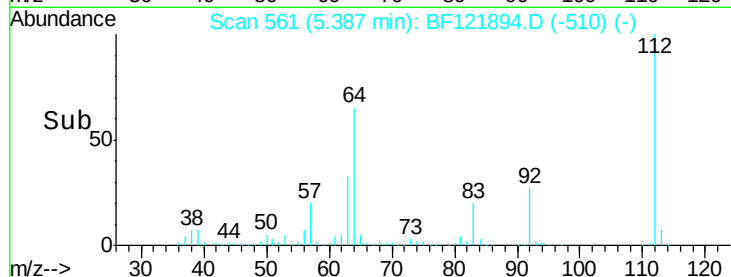
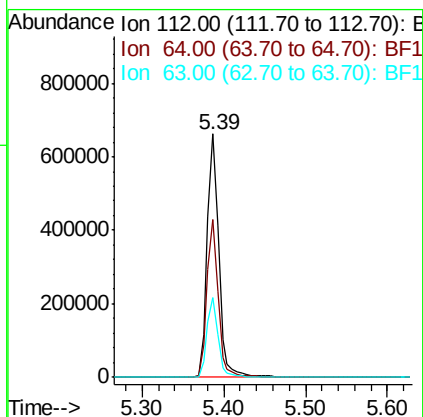
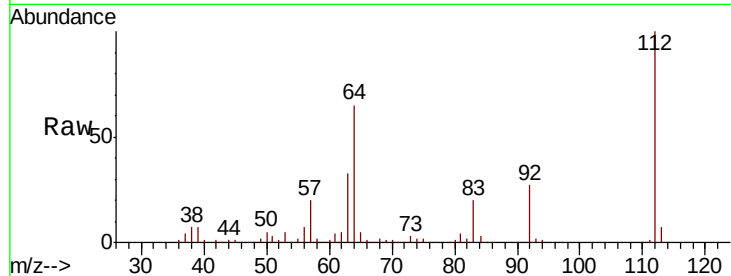




#5
 2-Fluorophenol
 Concen: 95.295 ng
 RT: 5.39 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

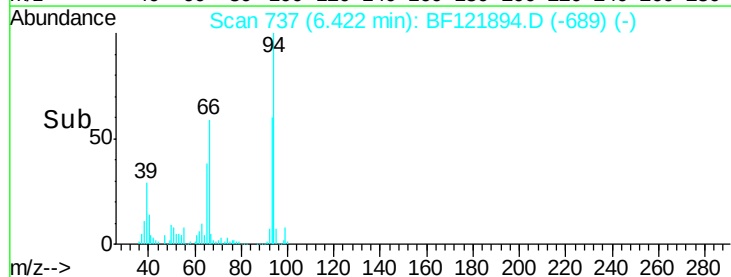
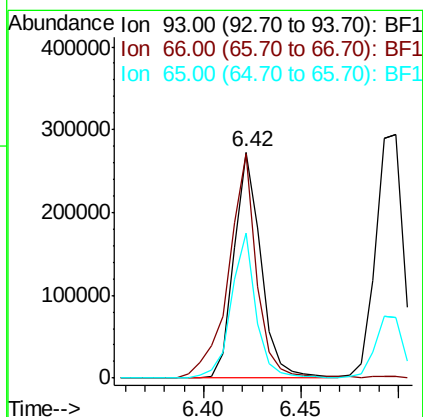
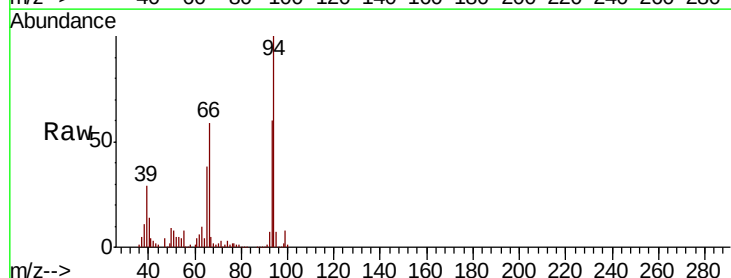
Instrument :
 BNA_F
 ClientSampleId :
 OWLS-HEAD-BH-04-BMSD

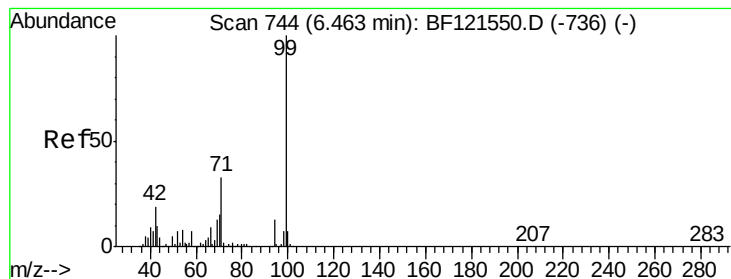
Tot Ion: 112 Resp: 658193
 Ion Ratio Lower Upper
 112 100
 64 64.6 50.4 75.6
 63 33.0 25.8 38.6



#6
 Aniline
 Concen: 22.125 ng
 RT: 6.42 min Scan# 737
 Delta R.T. -0.02 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

Tgt Ion: 93 Resp: 261111
 Ion Ratio Lower Upper
 93 100
 66 99.6 32.7 49.1#
 65 64.3 16.6 24.8#





#7

Phenol-d6

Concen: 95.610 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Instrument :

BNA_F

ClientSampleId :

OWLS-HEAD-BH-04-BMSD

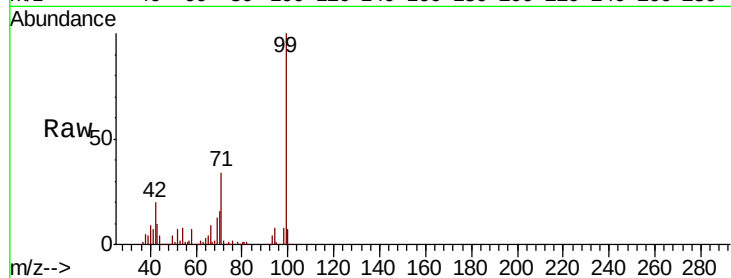
Tot Ion: 99 Resp: 866361

Ion Ratio Lower Upper

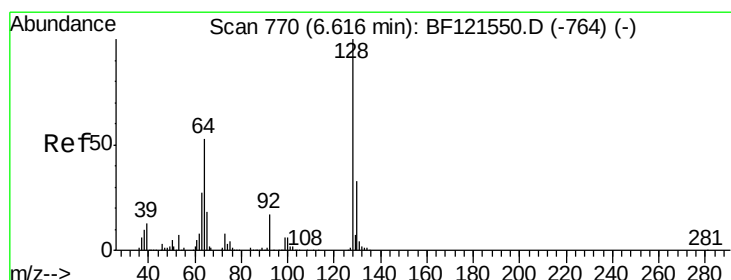
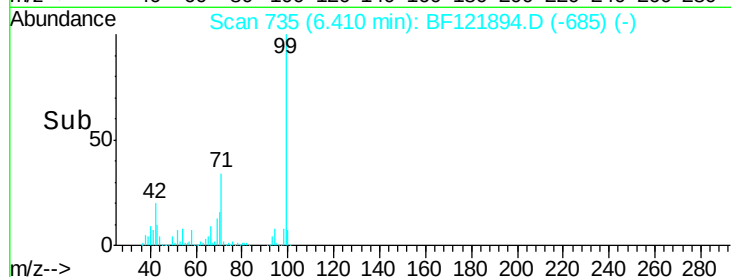
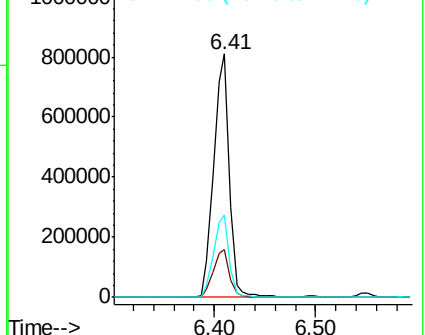
99 100

42 19.5 15.9 23.9

71 33.7 27.1 40.7



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



#8

2-Chlorophenol

Concen: 40.808 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

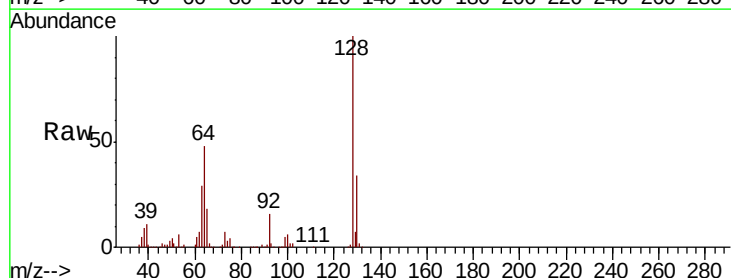
Tgt Ion: 128 Resp: 286967

Ion Ratio Lower Upper

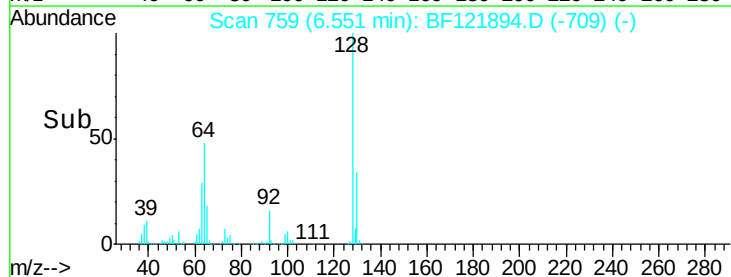
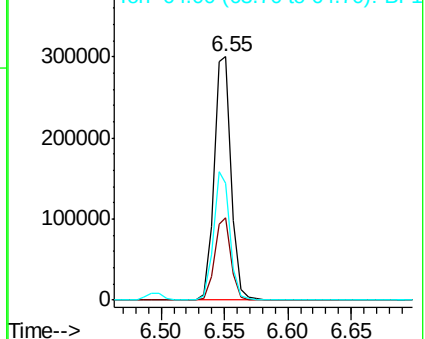
128 100

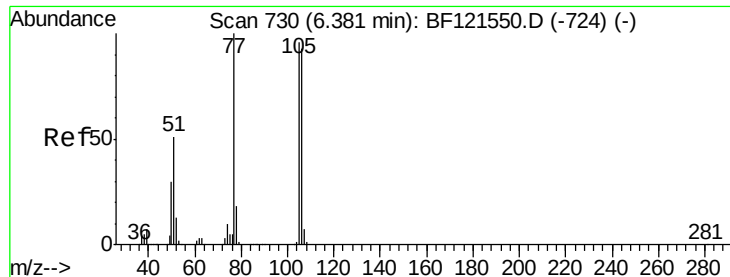
130 33.7 12.4 52.4

64 48.1 34.8 74.8



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





#9

Benzaldehyde

Concen: 11.465 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Instrument :

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ClientSampleId :

OWLS-HEAD-BH-04-BMSD

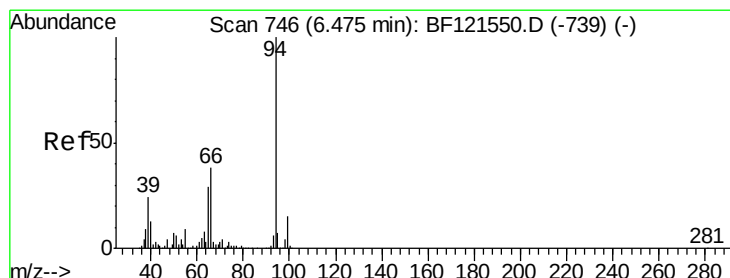
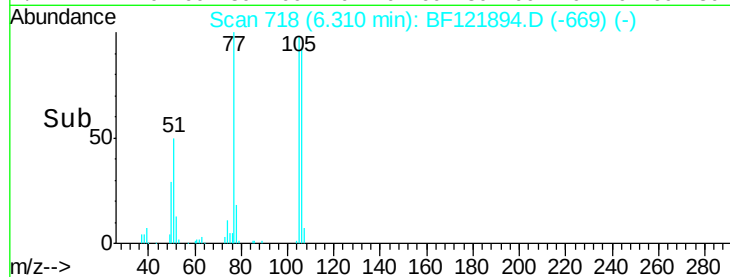
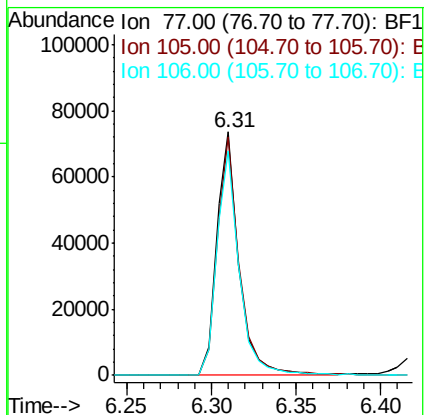
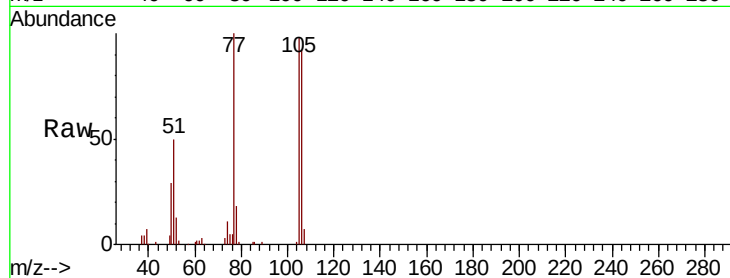
Tot Ion: 77 Resp: 67914

Ion Ratio Lower Upper

77 100

105 97.7 76.7 116.7

106 92.1 71.3 111.3



#10

Phenol

Concen: 37.568 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

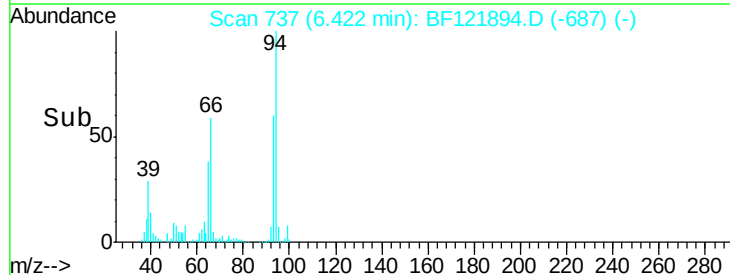
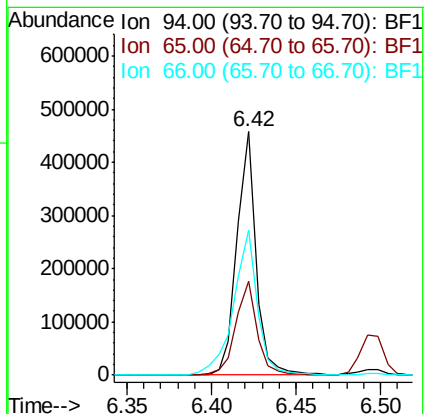
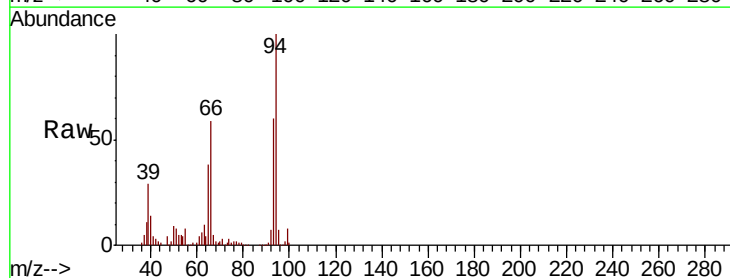
Tgt Ion: 94 Resp: 362507

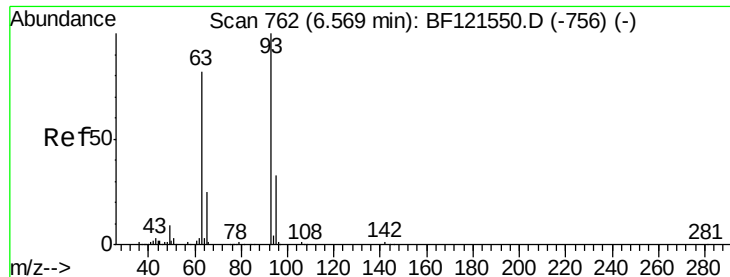
Ion Ratio Lower Upper

94 100

65 38.3 17.1 57.1

66 59.3 36.0 76.0

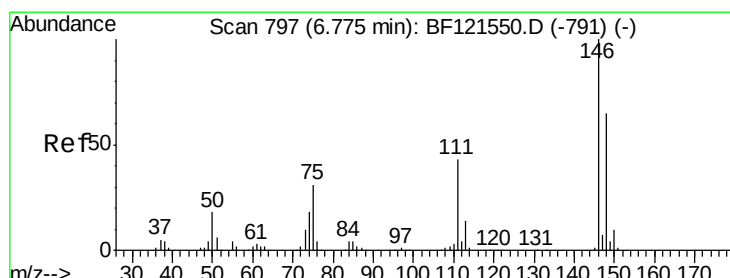
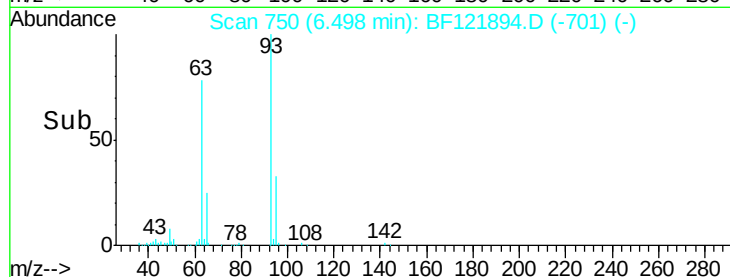
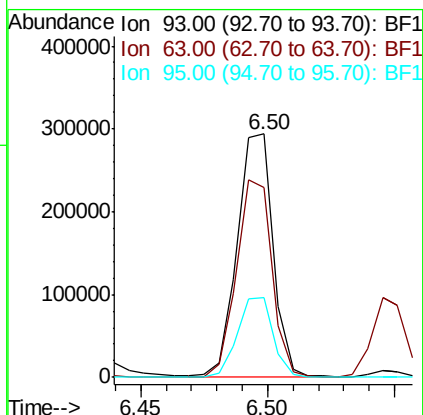
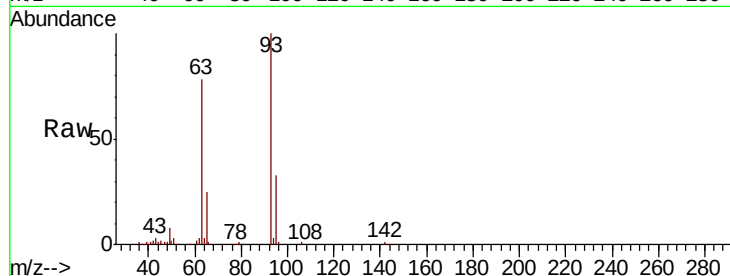




#11
bis(2-Chloroethyl)ether
Concen: 39.412 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

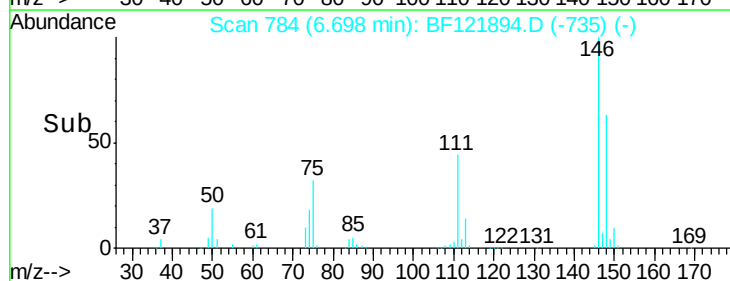
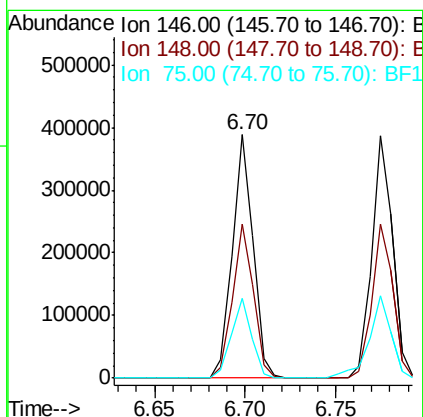
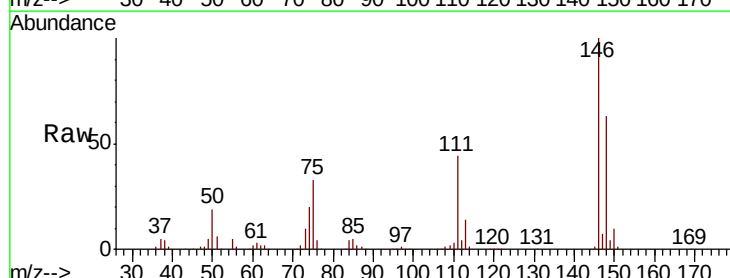
Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-04-BMSD

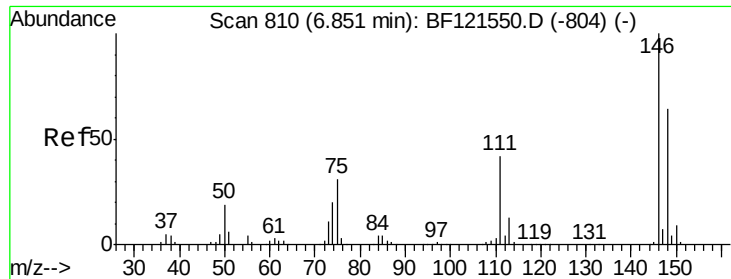
Tot Ion	Ratio	Lower	Upper
93	100		
63	78.2	62.4	102.4
95	32.7	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 39.623 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.0	76.4
75	32.6	27.6	41.4

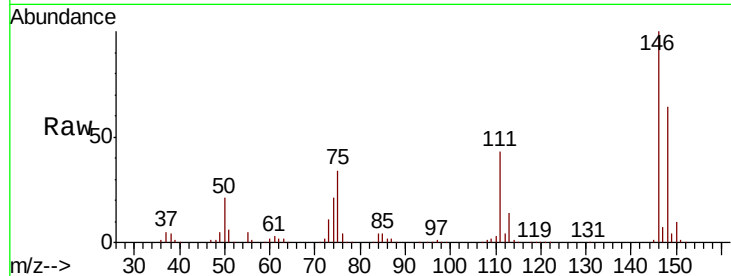




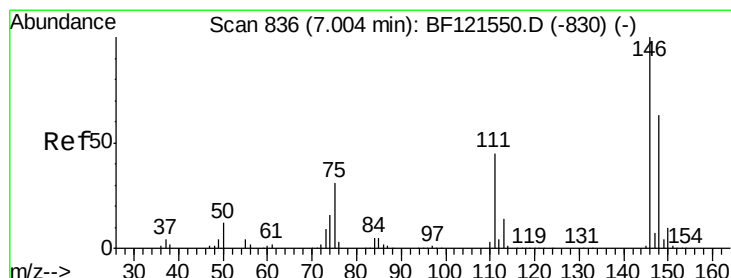
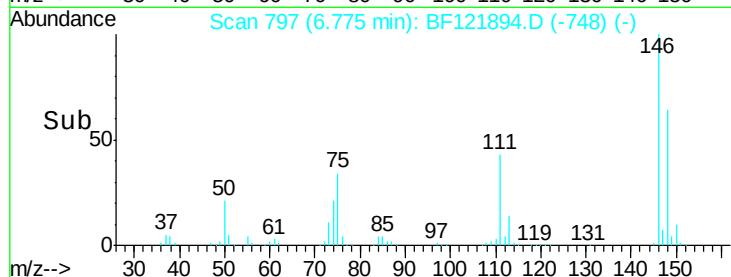
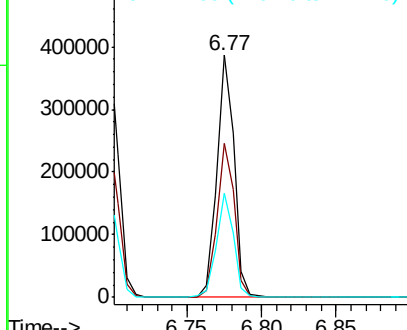
#13
 1,4-Dichlorobenzene
 Concen: 39.533 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :
 OWLS-HEAD-BH-04-BMSD

Tot Ion:146 Resp: 311571
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.1 75.1
 111 43.1 34.6 52.0

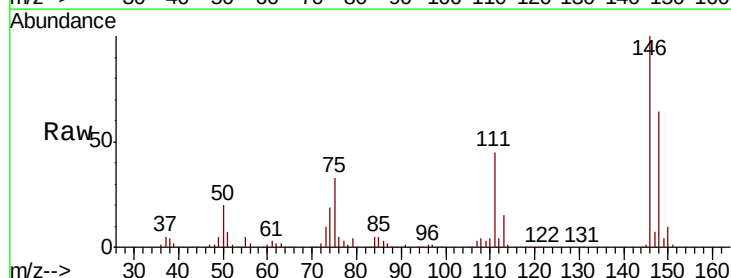


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

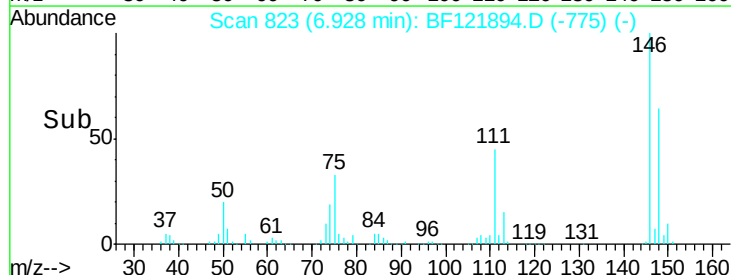
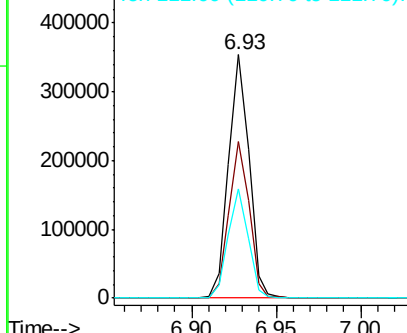


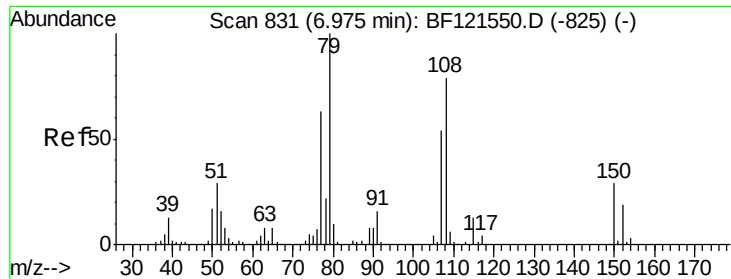
#14
 1,2-Dichlorobenzene
 Concen: 41.153 ng
 RT: 6.93 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

Tgt Ion:146 Resp: 298783
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.1 76.7
 111 44.6 34.2 51.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.616 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Instrument :

BNA_F

ClientSampleId :

OWLS-HEAD-BH-04-BMSD

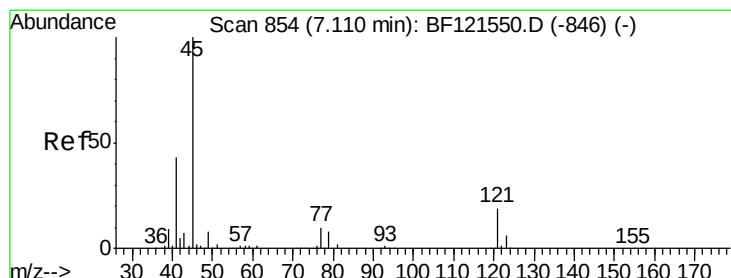
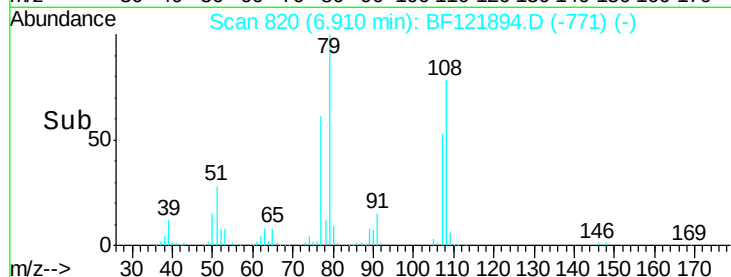
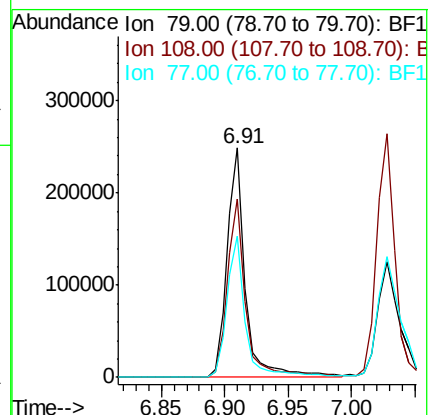
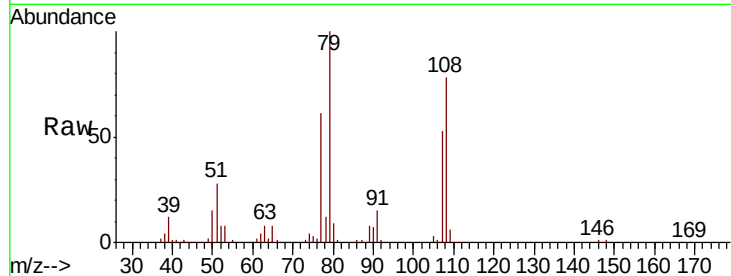
Tot Ion: 79 Resp: 250151

Ion Ratio Lower Upper

79 100

108 77.9 62.3 93.5

77 61.3 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.909 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

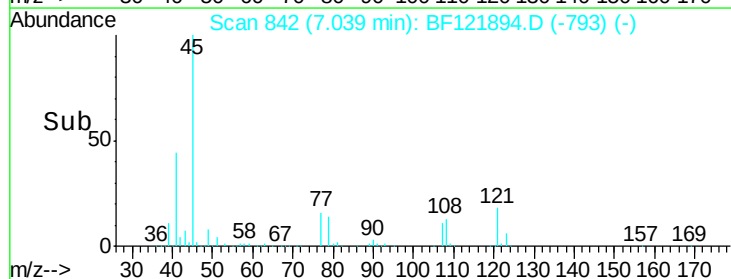
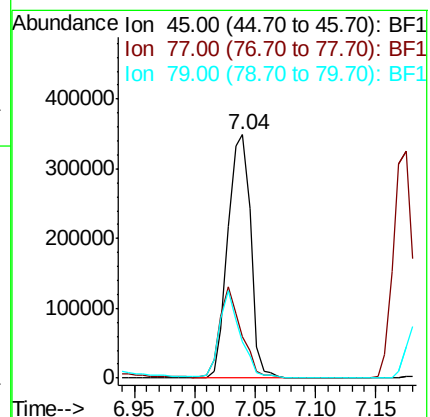
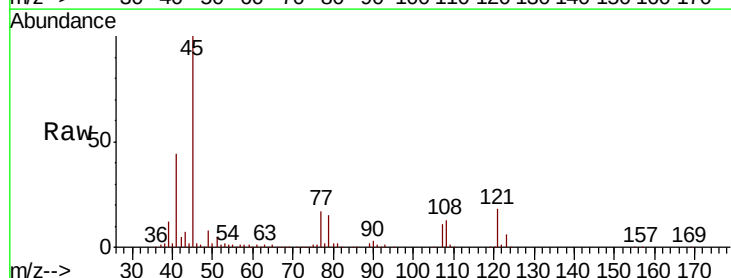
Tgt Ion: 45 Resp: 455349

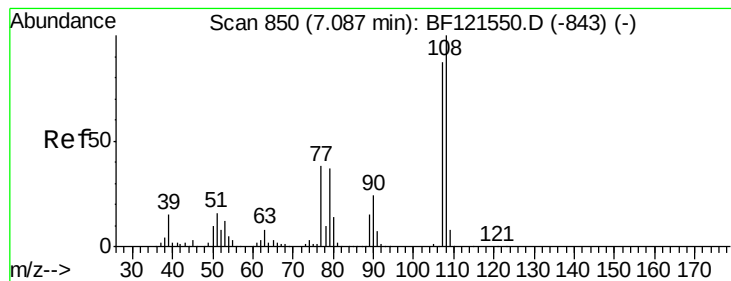
Ion Ratio Lower Upper

45 100

77 17.1 0.0 33.3

79 14.8 0.0 30.4





#17

2-Methylphenol

Concen: 38.855 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Instrument :

BNA_F

ClientSampleId :

OWLS-HEAD-BH-04-BMSD

Tot Ion:107 Resp: 232487

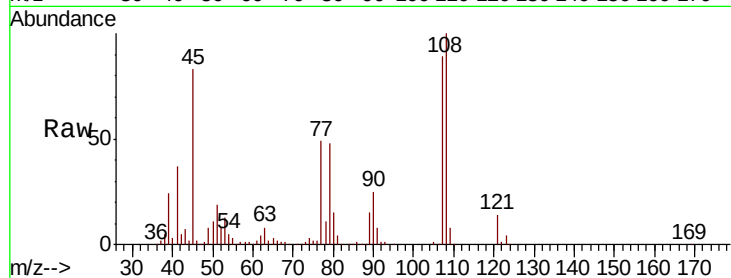
Ion Ratio Lower Upper

107 100

108 111.9 90.9 136.3

77 55.3 37.5 56.3

79 53.3 37.4 56.0

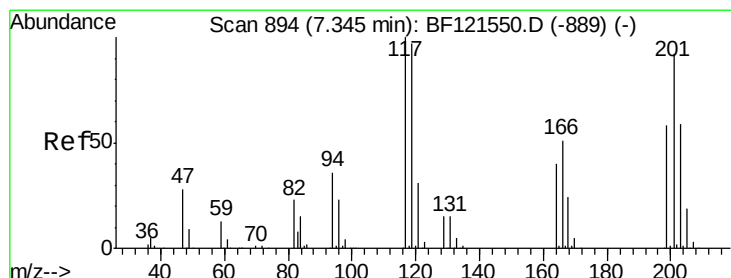
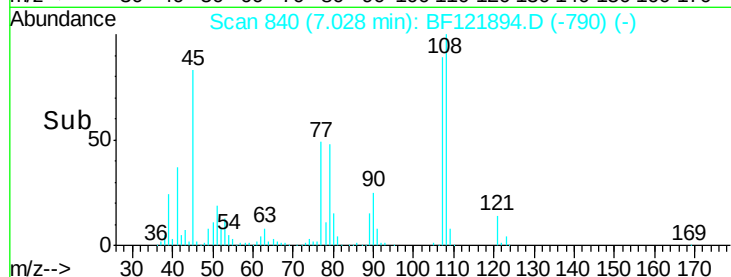
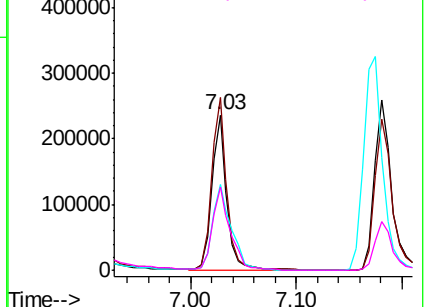


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.735 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

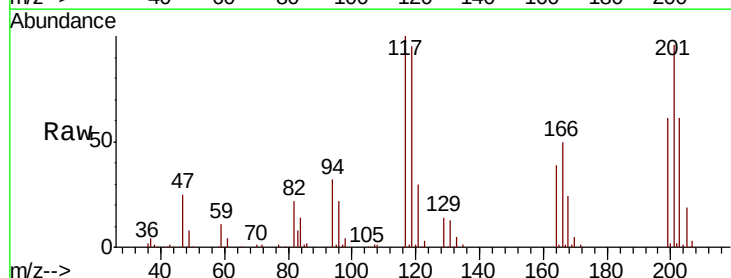
Tgt Ion:117 Resp: 114953

Ion Ratio Lower Upper

117 100

119 95.0 76.3 114.5

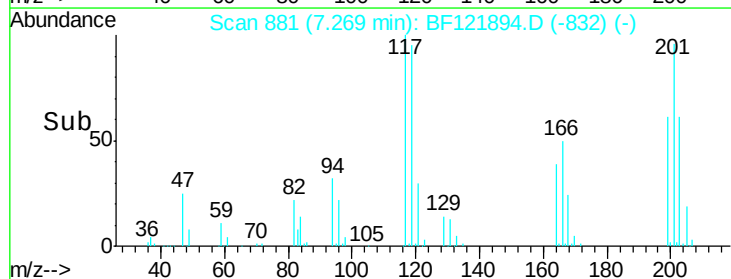
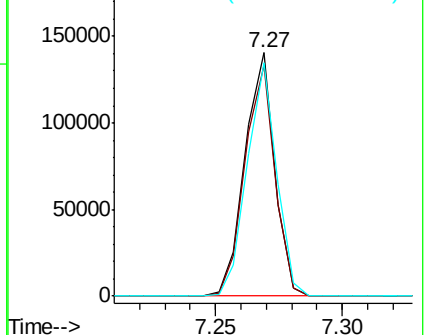
201 96.0 71.8 107.6

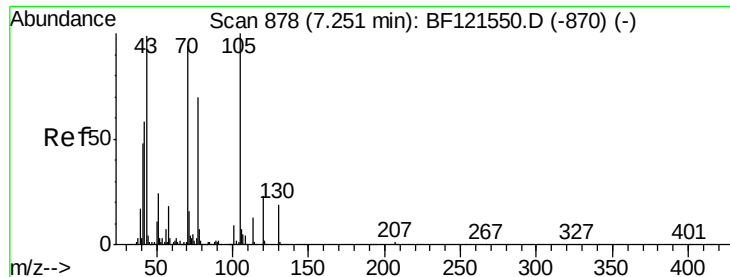


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

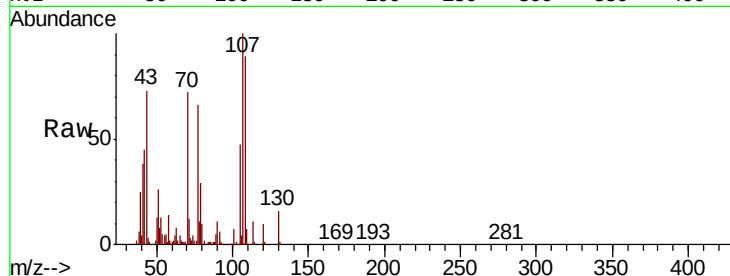




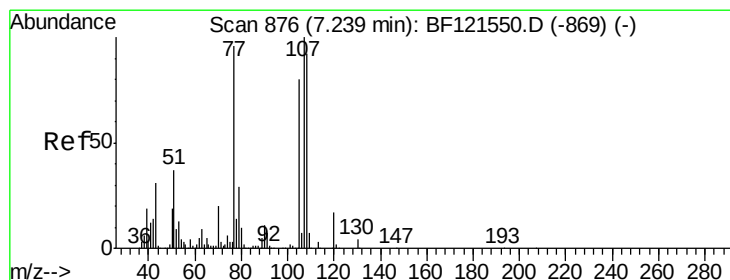
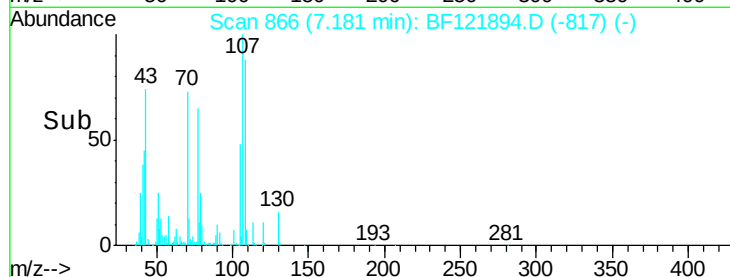
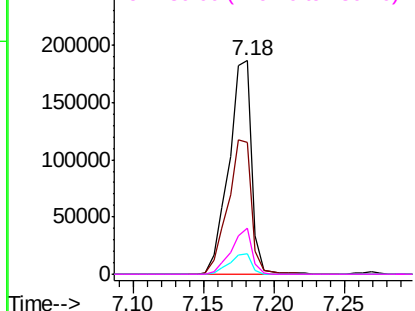
#19
n-Nitroso-di-n-propylamine
Concen: 40.191 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-04-BMSD

Tot Ion:	70	Resp:	209893
Ion	Ratio	Lower	Upper
70	100		
42	61.8	50.2	75.4
101	9.7	7.5	11.3
130	21.7	15.5	23.3

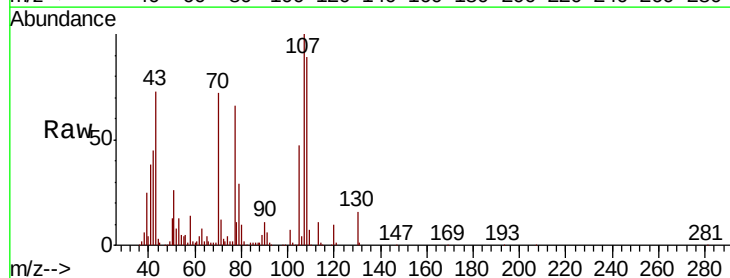


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

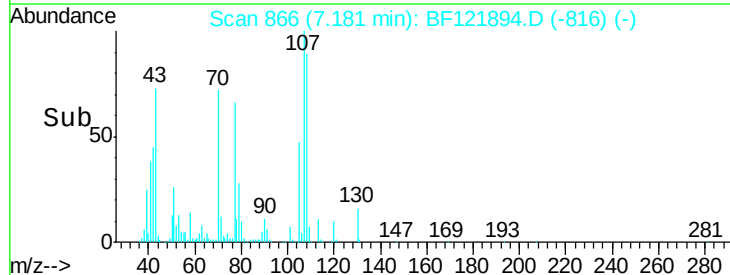
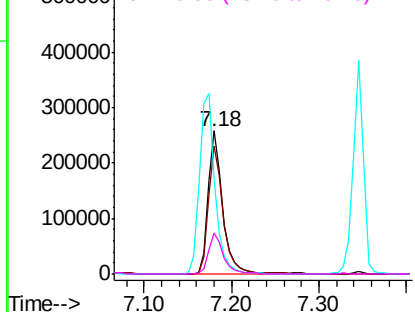


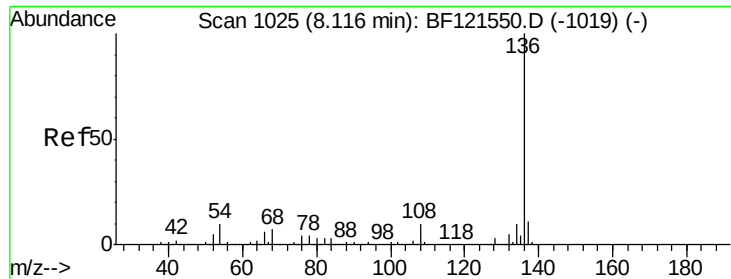
#20
3+4-Methylphenols
Concen: 41.167 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

Tgt Ion:	107	Resp:	295949
Ion	Ratio	Lower	Upper
107	100		
108	89.1	68.9	108.9
77	66.4	108.0	148.0#
79	28.6	10.5	50.5



Abundance Ion 107.00 (106.70 to 107.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

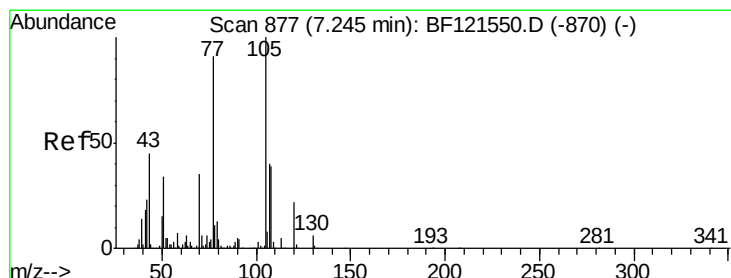
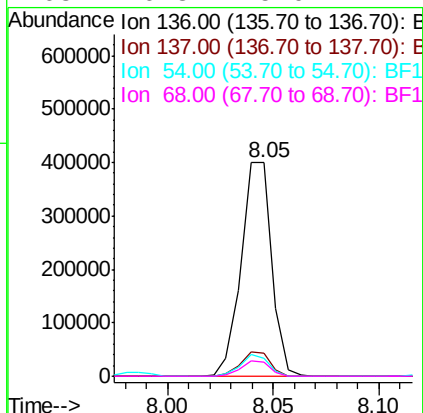
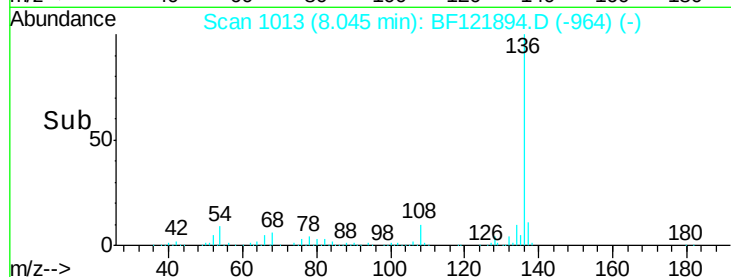
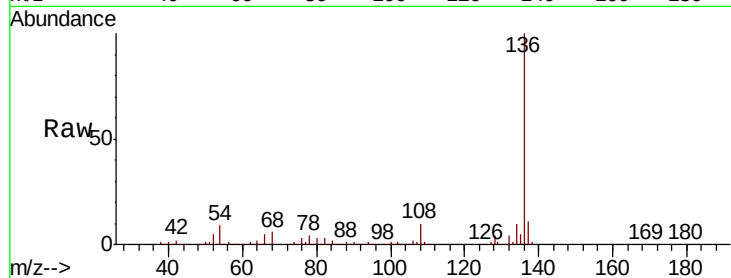




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

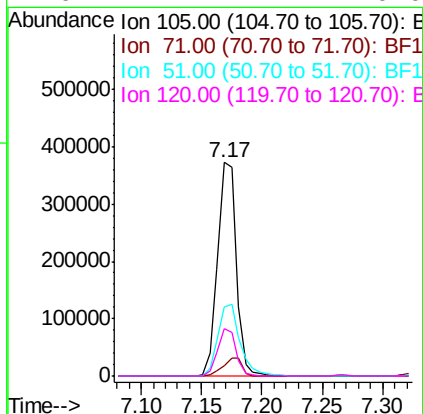
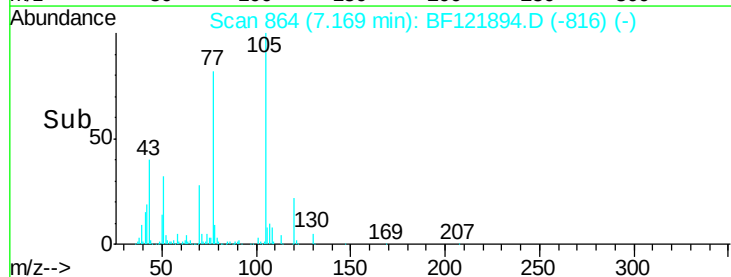
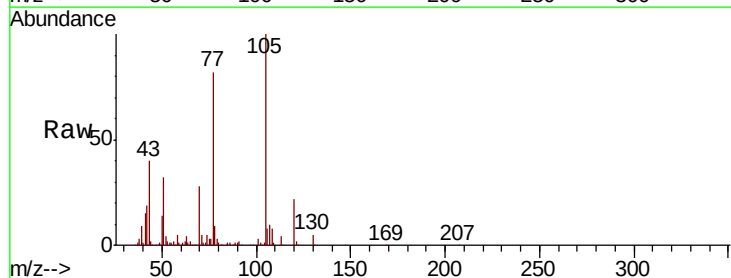
Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-04-BMSD

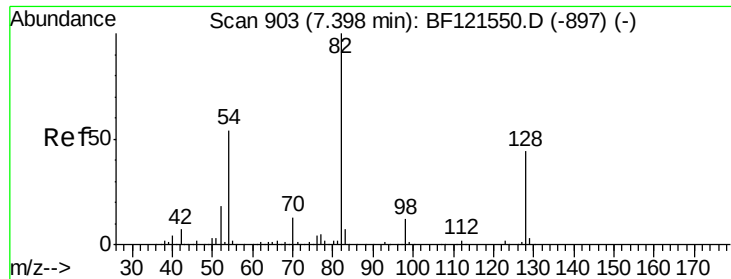
Tot Ion:136	Resp: 403207
Ion Ratio	Lower Upper
136 100	
137 10.6	8.6 13.0
54 8.6	7.1 10.7
68 6.3	5.0 7.4



#22
Acetophenone
Concen: 38.793 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.02 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

Tgt	Ion:105	Resp:	396859
Ion	Ratio	Lower	Upper
105	100		
71	4.6	5.3	7.9#
51	32.3	33.2	49.8#
120	22.1	17.4	26.0

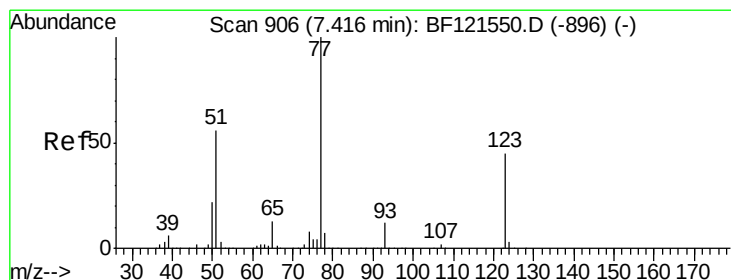
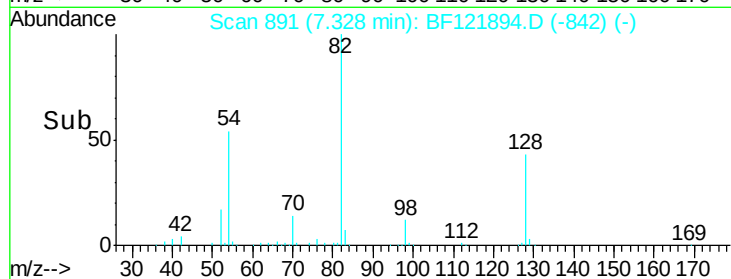
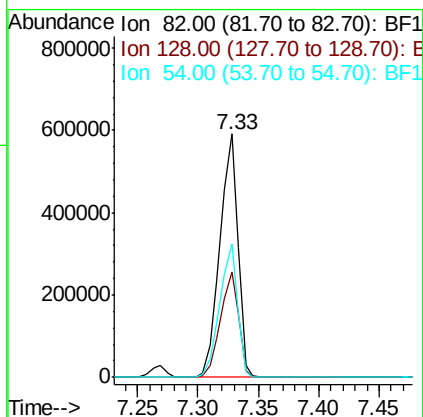
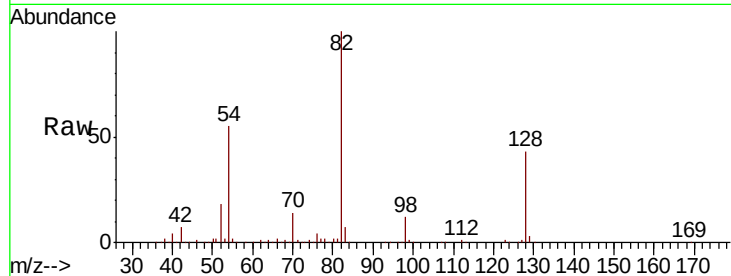




#23
 Nitrobenzene-d5
 Concen: 81.267 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

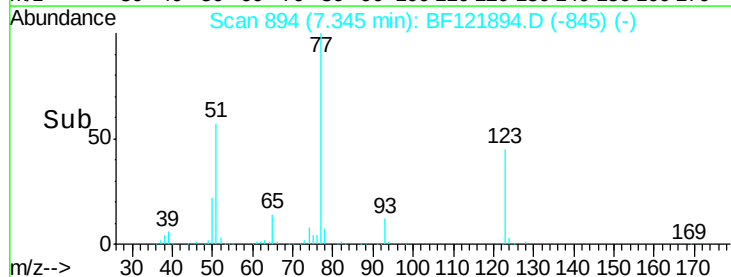
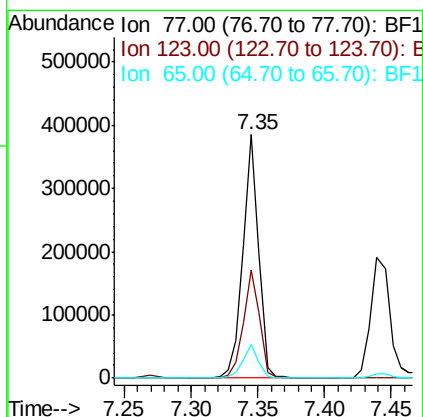
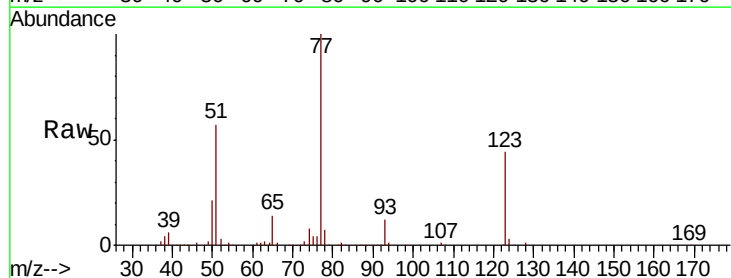
Instrument :
 BNA_F
 ClientSampleId :
 OWLS-HEAD-BH-04-BMSD

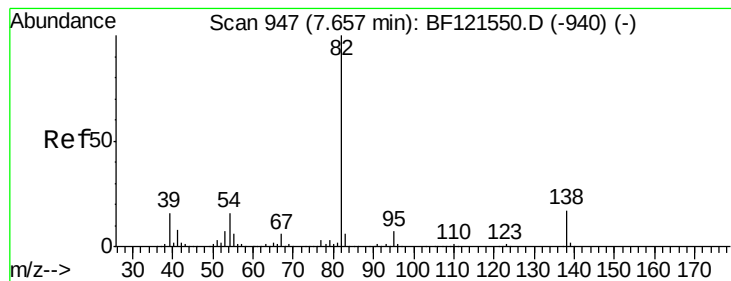
Tot Ion	82	Resp	610287
Ion Ratio	Lower	Upper	
82	100		
128	43.3	35.0	52.4
54	54.6	43.9	65.9



#24
 Nitrobenzene
 Concen: 38.801 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

Tgt Ion	77	Resp	315143
Ion Ratio	Lower	Upper	
77	100		
123	44.4	35.6	53.4
65	13.7	11.2	16.8





#25

Isophorone

Concen: 37.411 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Instrument :

BNA_F

ClientSampleId :

OWLS-HEAD-BH-04-BMSD

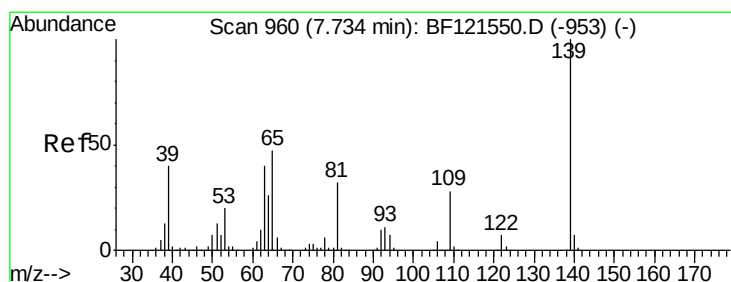
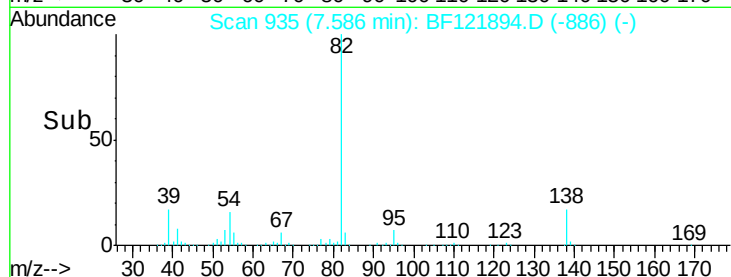
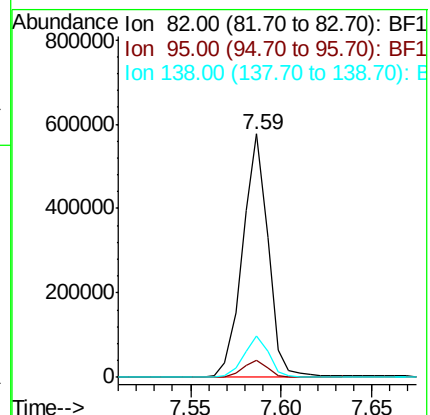
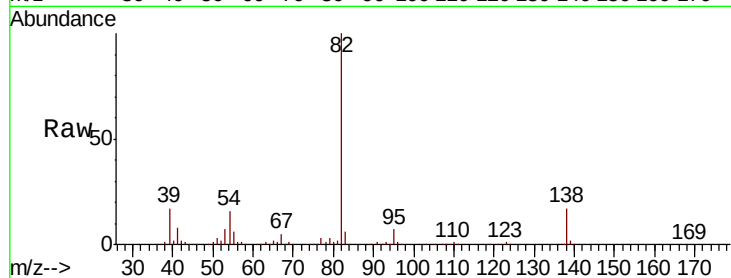
Tot Ion: 82 Resp: 565547

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.0

138 16.9 13.4 20.0



#26

2-Nitrophenol

Concen: 39.783 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

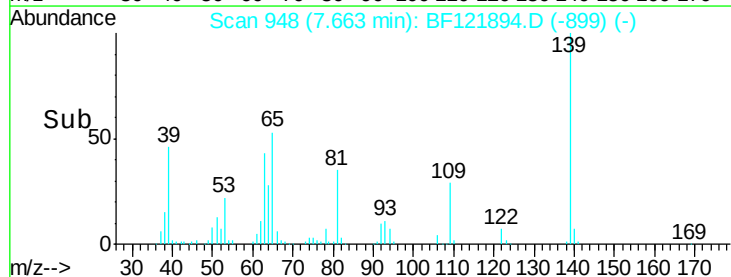
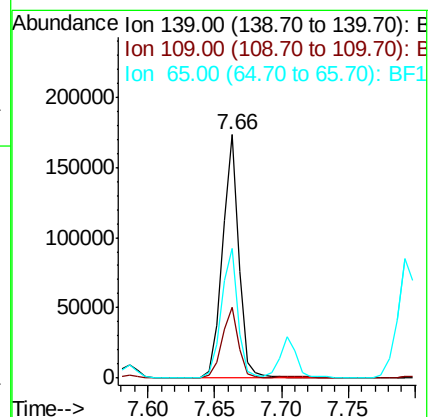
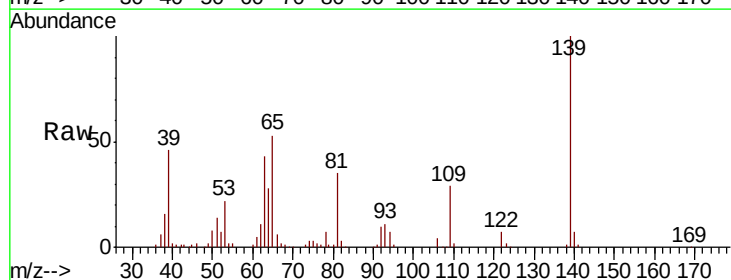
Tgt Ion: 139 Resp: 150346

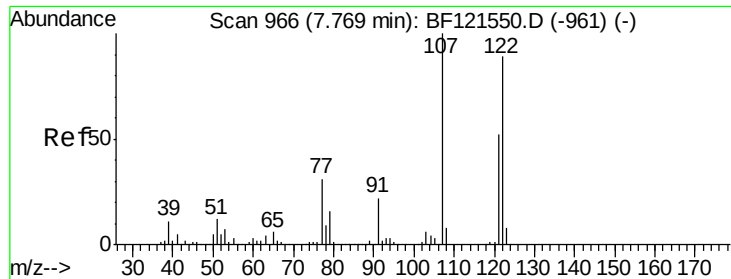
Ion Ratio Lower Upper

139 100

109 29.0 23.0 34.4

65 53.4 39.9 59.9





#27

2,4-Dimethylphenol

Concen: 37.900 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Instrument :

BNA_F

ClientSampleId :

OWLS-HEAD-BH-04-BMSD

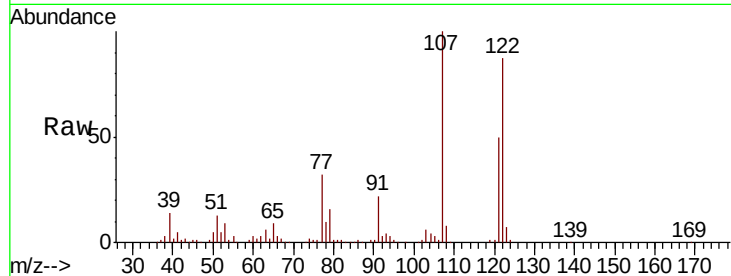
Tot Ion:122 Resp: 255749

Ion Ratio Lower Upper

122 100

107 115.2 90.8 136.2

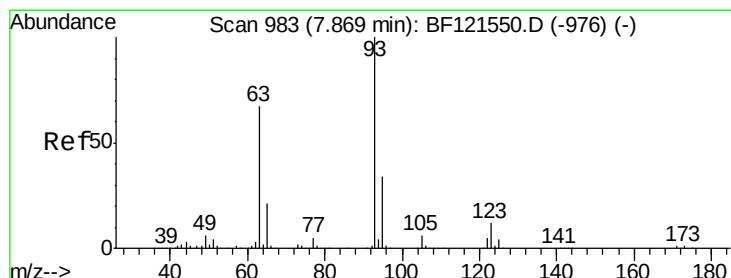
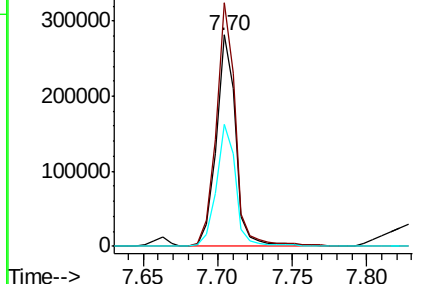
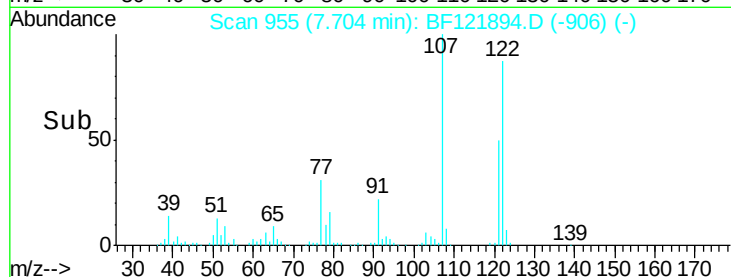
121 58.0 47.5 71.3



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: 39.123 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.02 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

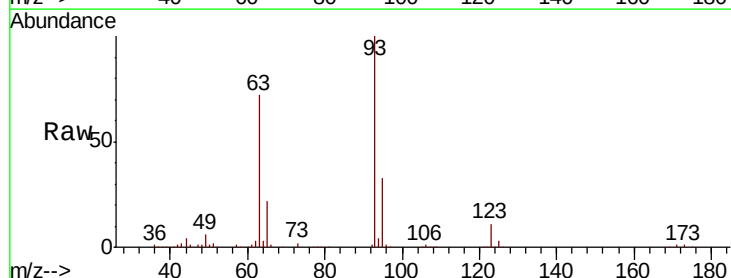
Tgt Ion: 93 Resp: 366138

Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

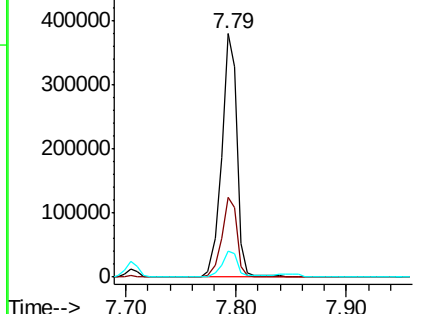
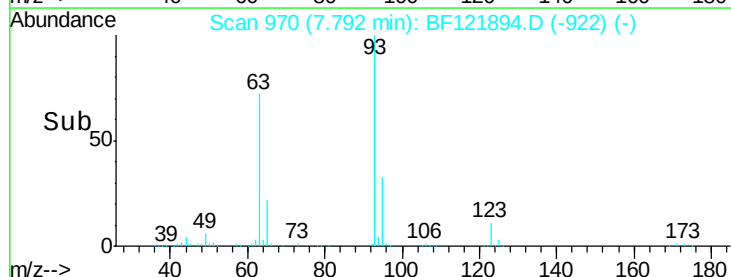
123 10.7 8.8 13.2

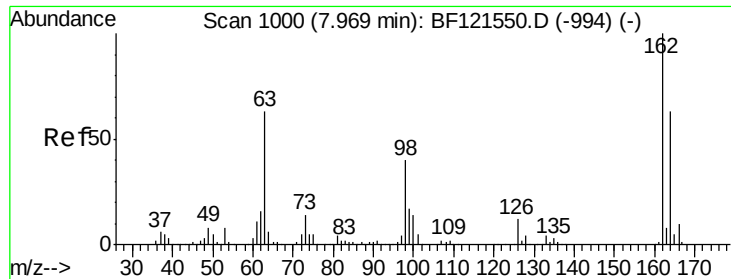


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

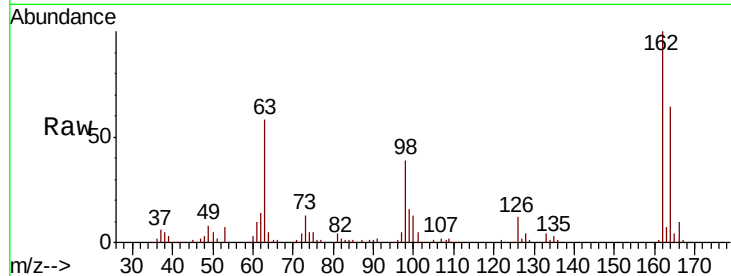




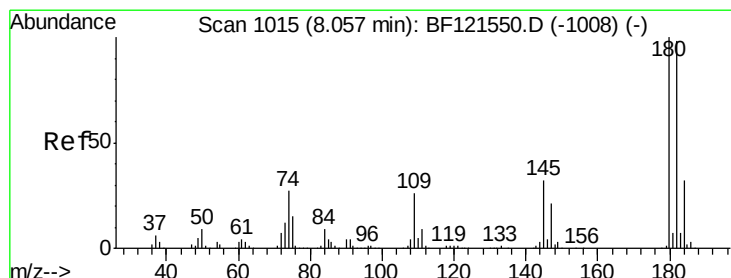
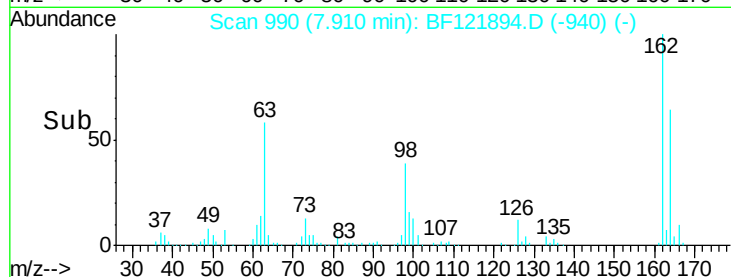
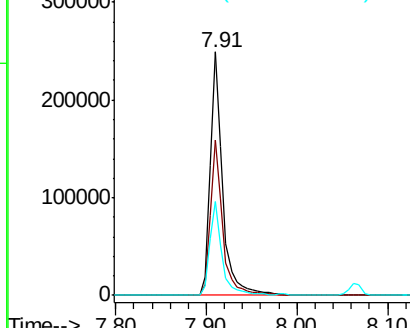
#29
 2,4-Dichlorophenol
 Concen: 39.511 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :
 OWLS-HEAD-BH-04-BMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	42.5	82.5
98	38.8	20.1	60.1

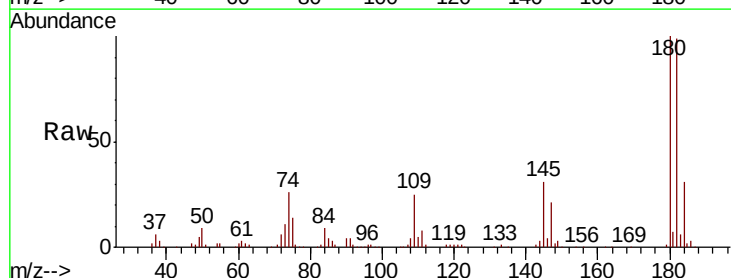


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

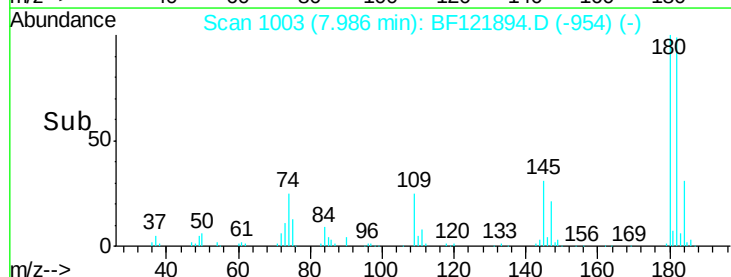
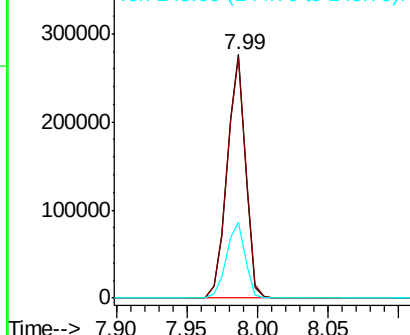


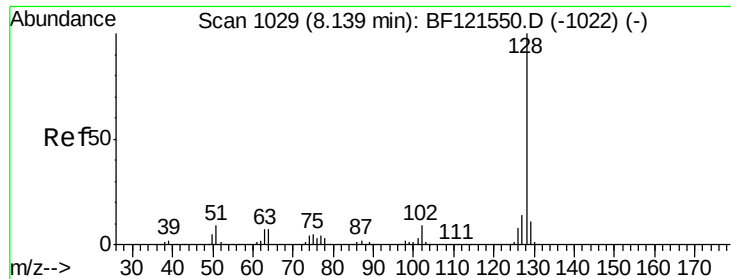
#30
 1,2,4-Trichlorobenzene
 Concen: 38.698 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.0	79.4	119.2
145	31.0	25.5	38.3



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

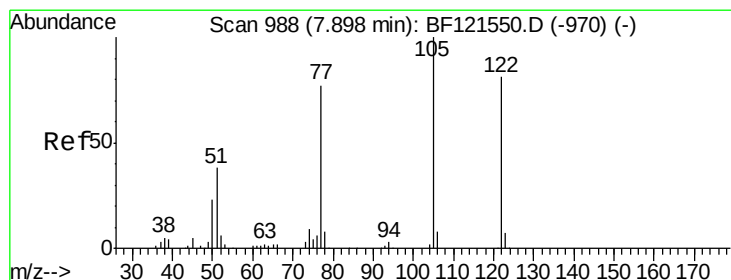
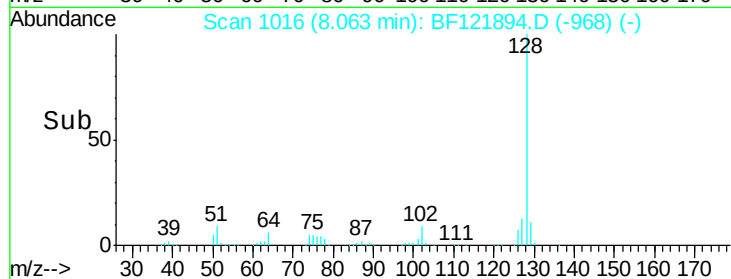
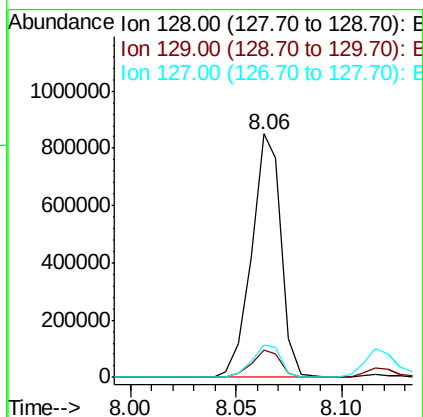
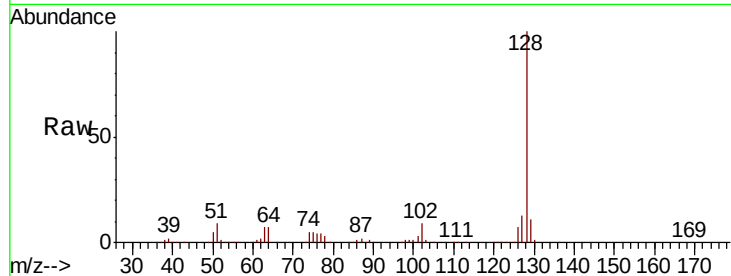




#31
Naphthalene
Concen: 38.598 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.02 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

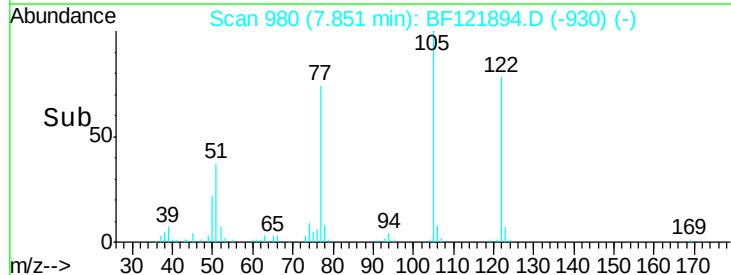
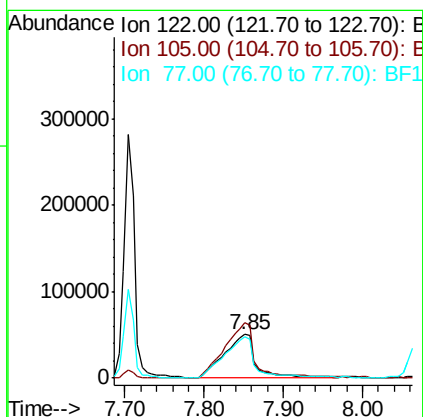
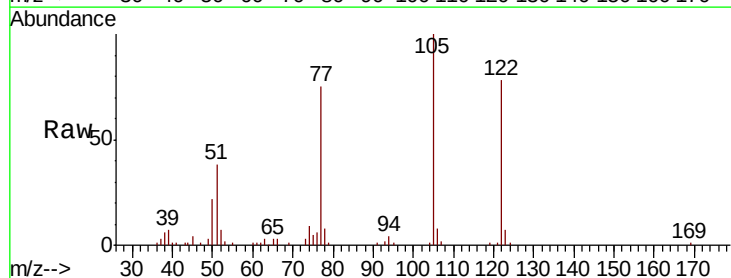
Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-04-BMSD

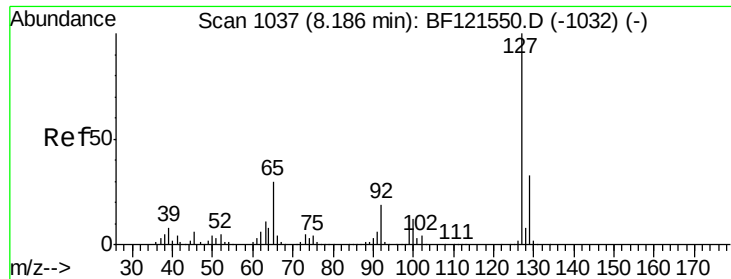
Tot Ion:128 Resp: 821540
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 29.663 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

Tgt Ion:122 Resp: 133750
Ion Ratio Lower Upper
122 100
105 127.4 103.3 143.3
77 95.8 73.9 113.9

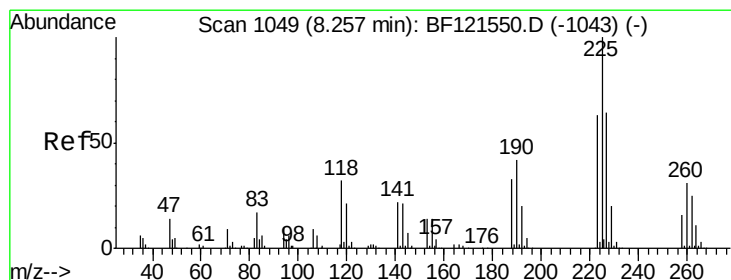
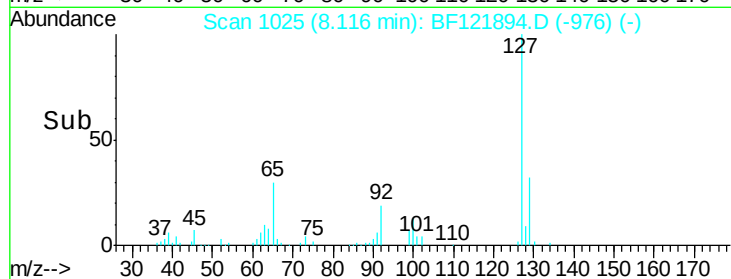
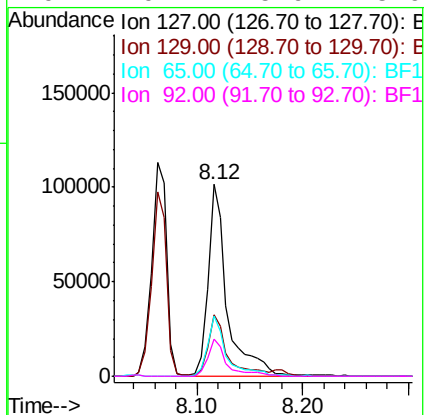
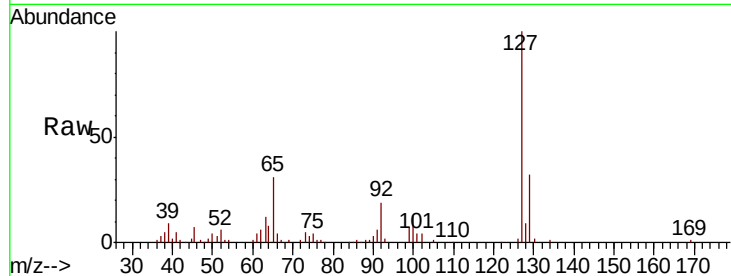




#33
4-Chloroaniline
Concen: 13.785 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

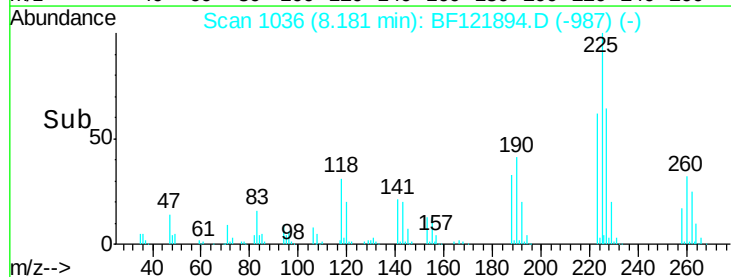
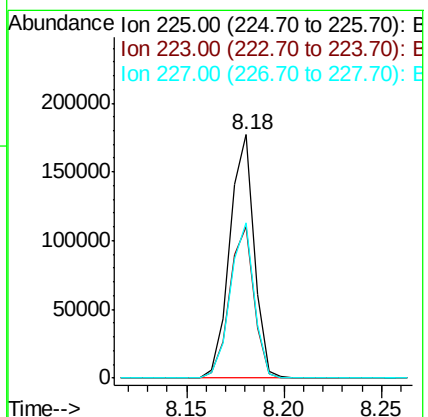
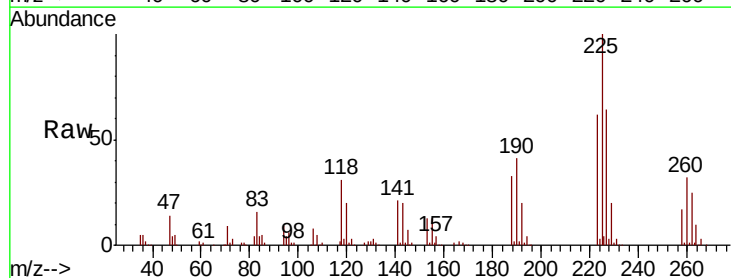
Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-04-BMSD

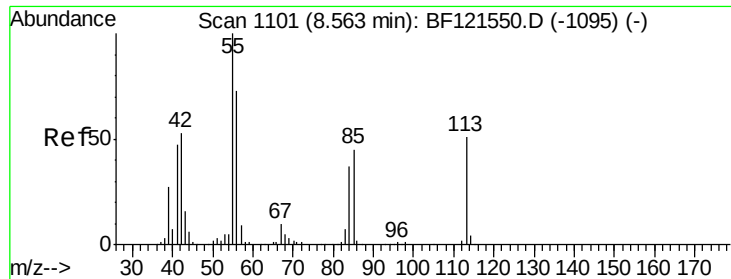
Tot Ion:	127	Resp:	127181
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.3	39.5
65	31.1	26.2	39.2
92	19.4	15.9	23.9



#34
Hexachlorobutadiene
Concen: 40.493 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

Tgt Ion:	225	Resp:	153847
Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.1	76.7
227	63.7	51.0	76.6

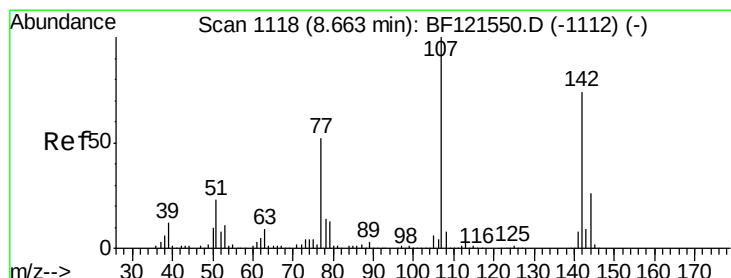
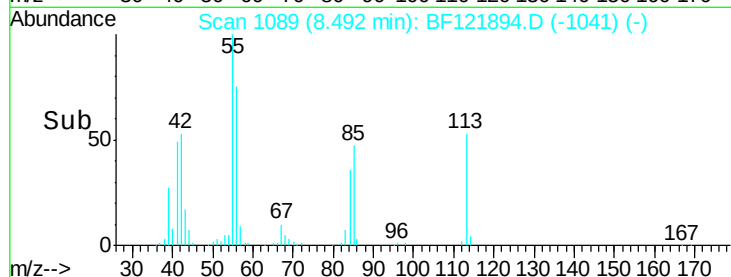
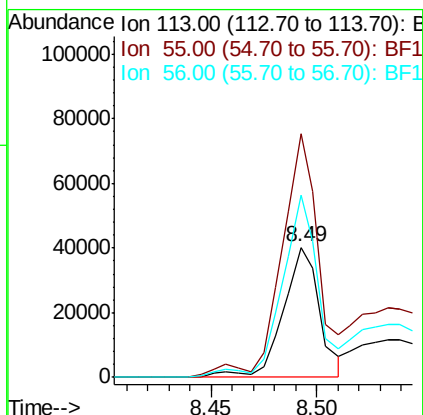
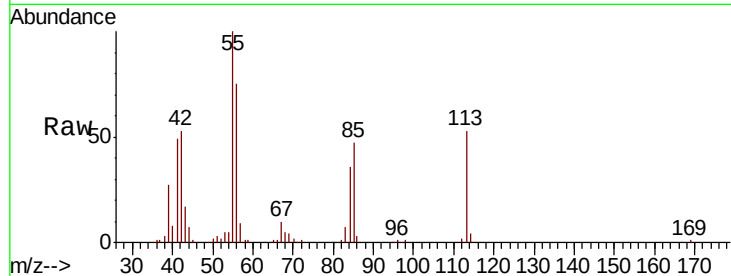




#35
Caprolactam
Concen: 23.699 ng
RT: 8.49 min Scan# 1089
Delta R.T. -0.02 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

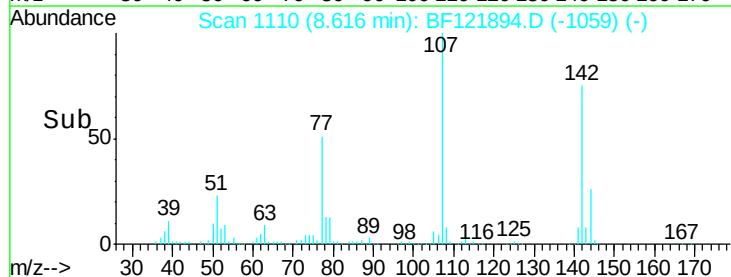
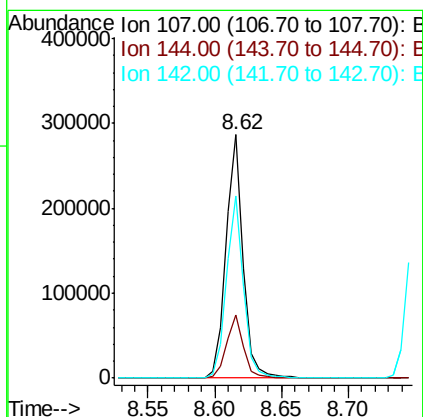
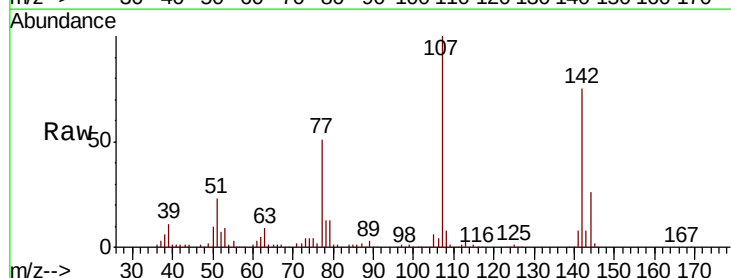
Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-04-BMSD

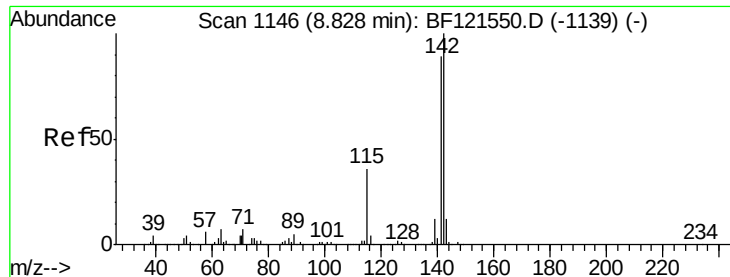
Tot Ion:113 Resp: 48506
Ion Ratio Lower Upper
113 100
55 187.0 167.5 207.5
56 139.5 121.2 161.2



#36
4-Chloro-3-methylphenol
Concen: 39.244 ng
RT: 8.62 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

Tgt Ion:107 Resp: 259831
Ion Ratio Lower Upper
107 100
144 26.2 20.1 30.1
142 75.0 59.3 88.9

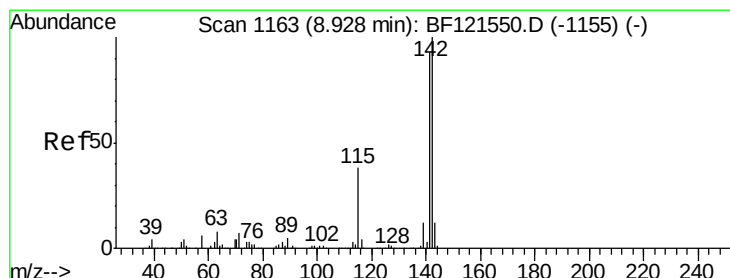
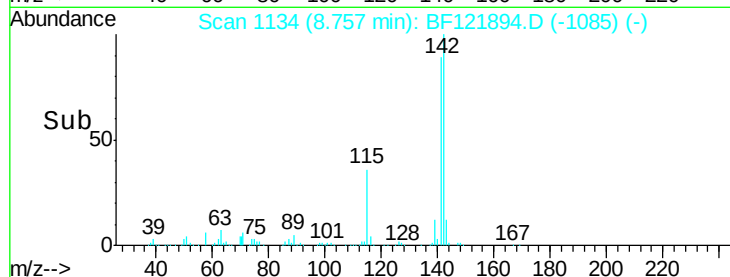
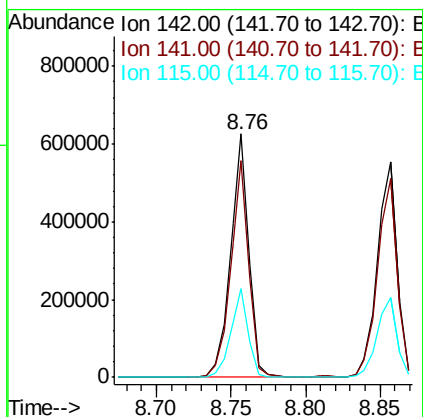
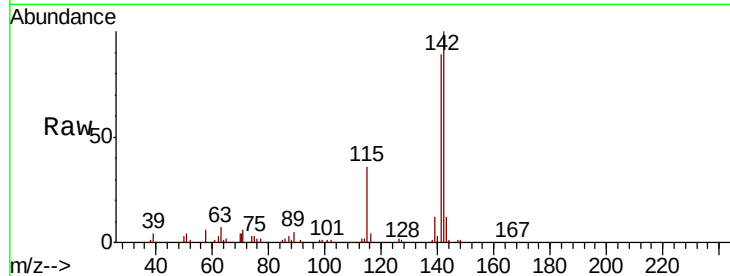




#37
2-Methylnaphthalene
Concen: 38.660 ng
RT: 8.76 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

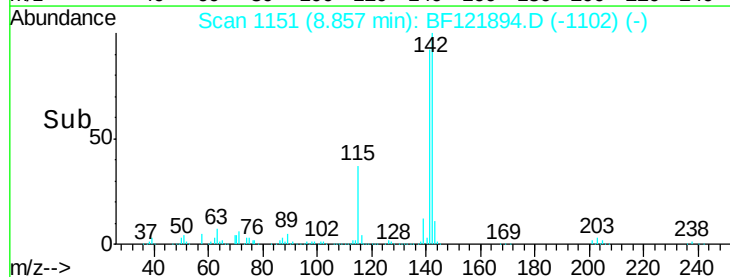
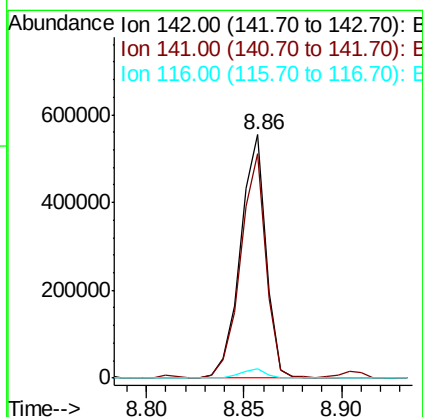
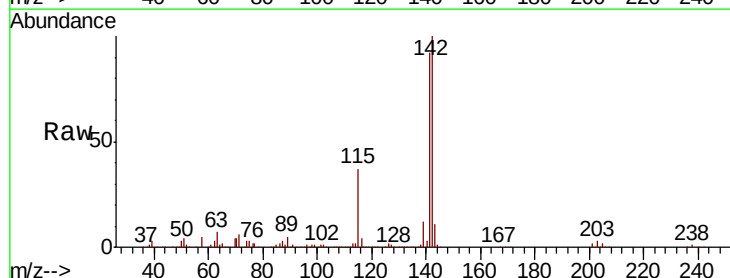
Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-04-BMSD

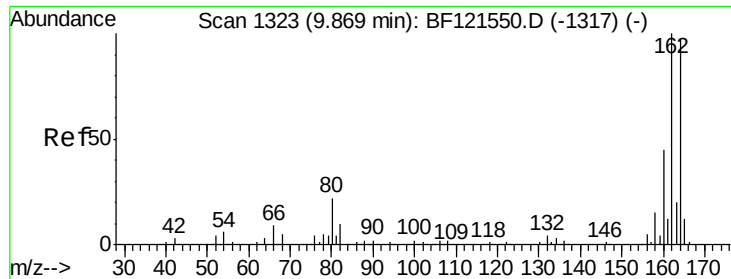
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.2	105.4
115	36.4	28.6	43.0



#38
1-Methylnaphthalene
Concen: 38.642 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.5	111.7
116	3.9	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Instrument :

BNA_F

ClientSampleId :

OWLS-HEAD-BH-04-BMSD

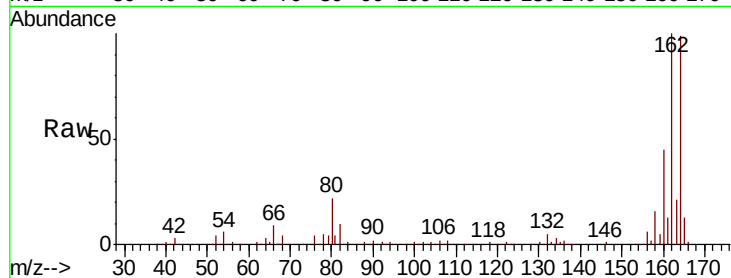
Tot Ion:164 Resp: 211353

Ion Ratio Lower Upper

164 100

162 101.4 83.2 124.8

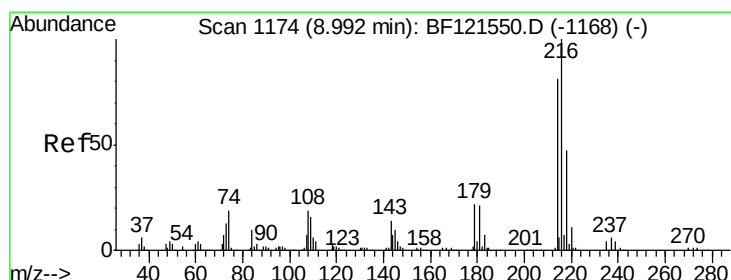
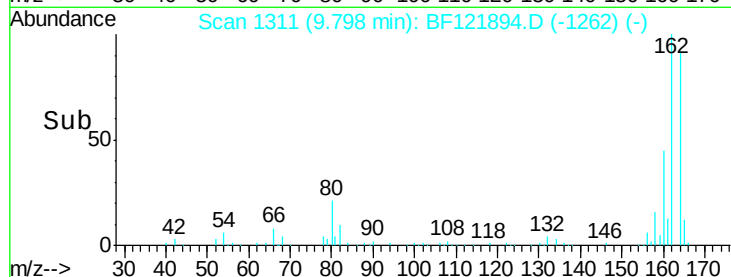
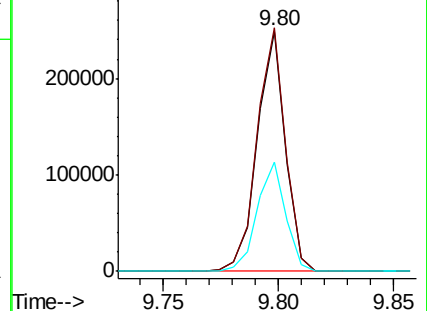
160 45.7 37.5 56.3



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: 38.992 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Tgt Ion:216 Resp: 257426

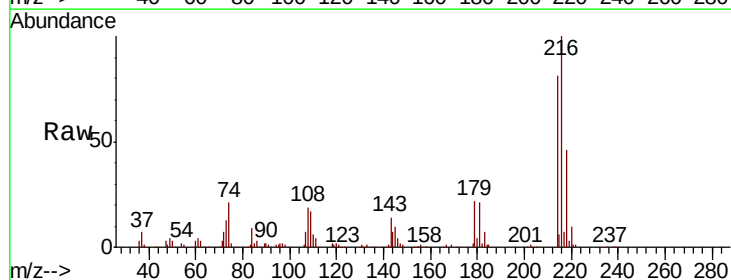
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.2

179 21.2 17.0 25.6

108 19.2 15.5 23.3

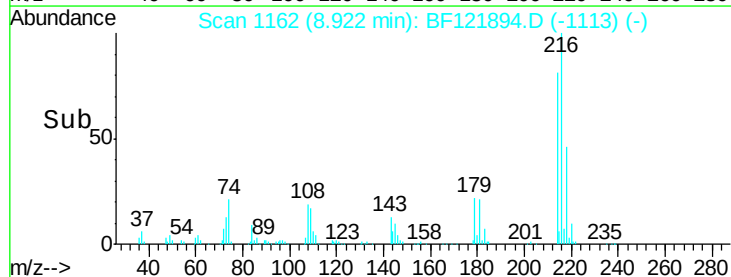
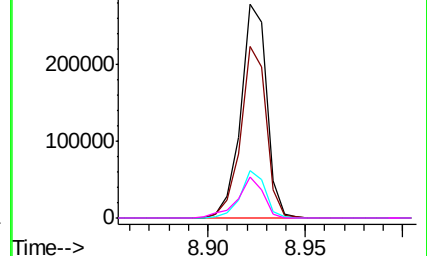


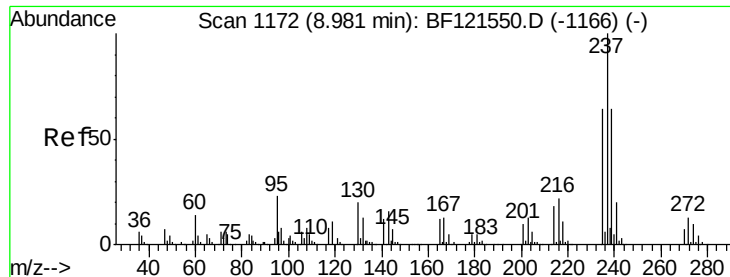
Abundance Ion 216.00 (215.70 to 216.70): E

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: 29.611 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Instrument :

BNA_F

ClientSampleId :

OWLS-HEAD-BH-04-BMSD

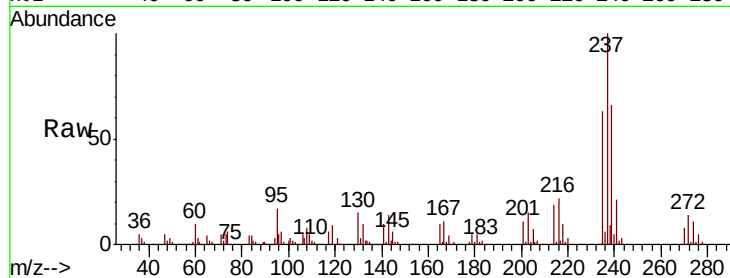
Tot Ion:237 Resp: 111640

Ion Ratio Lower Upper

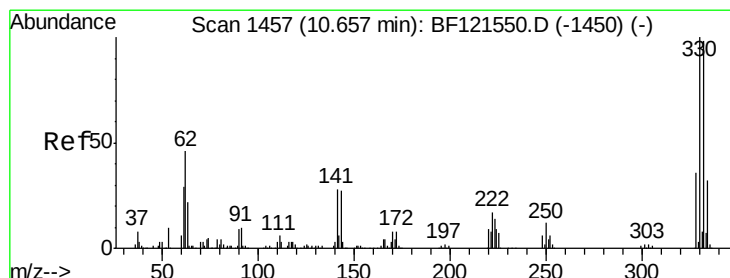
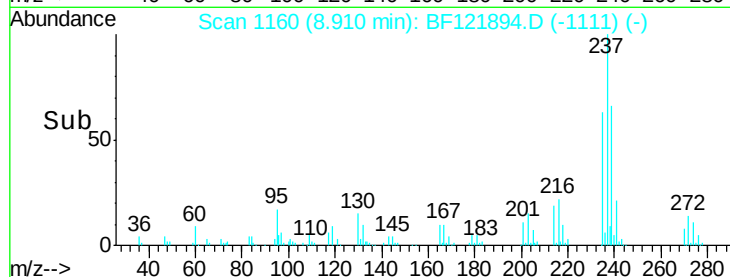
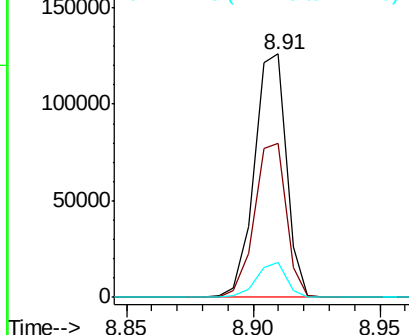
237 100

235 63.0 41.8 81.8

272 14.5 0.0 33.5



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: 86.148 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

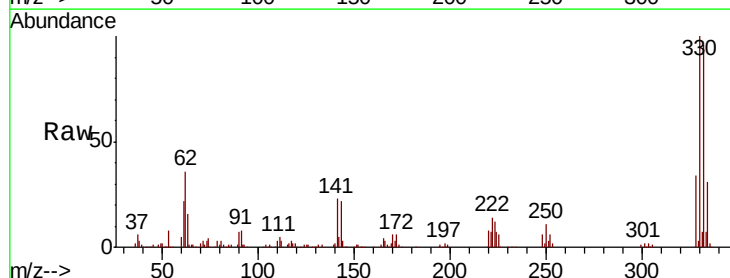
Tgt Ion:330 Resp: 226297

Ion Ratio Lower Upper

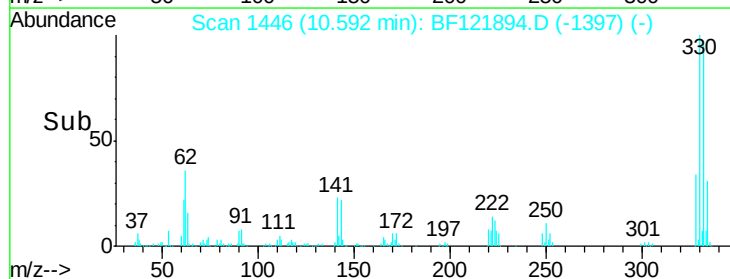
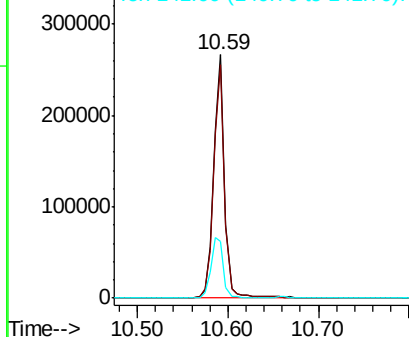
330 100

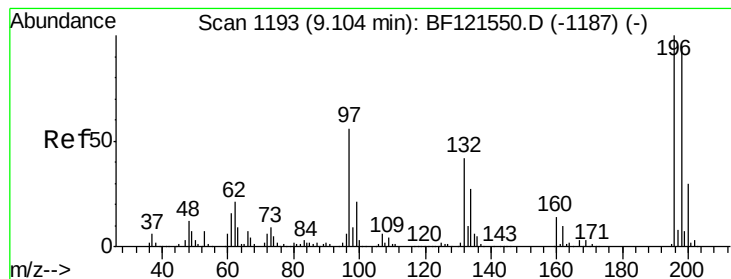
332 96.4 77.3 115.9

141 28.7 22.3 33.5



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: 36.912 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Instrument :

BNA_F

ClientSampleId :

OWLS-HEAD-BH-04-BMSD

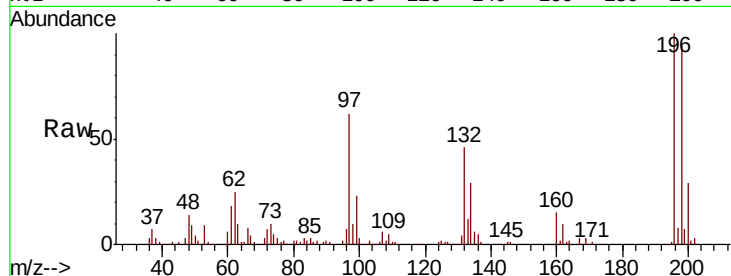
Tot Ion:196 Resp: 166102

Ion Ratio Lower Upper

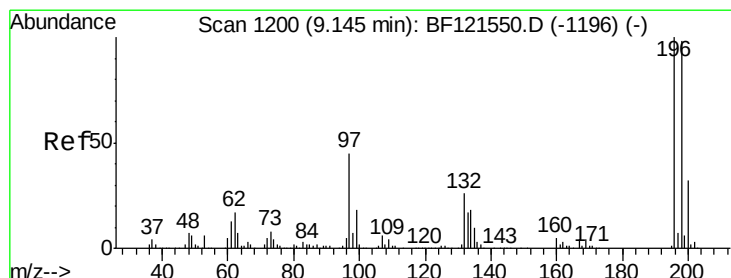
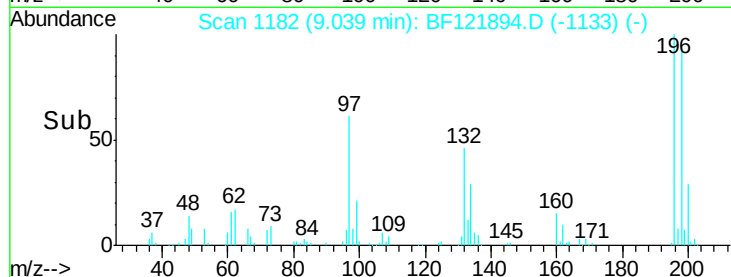
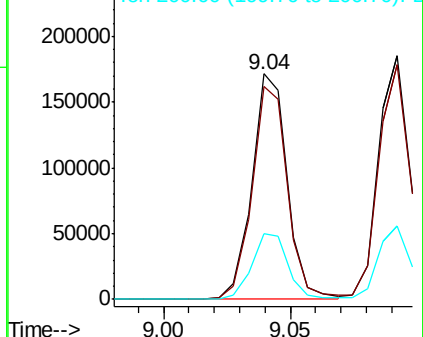
196 100

198 94.2 75.8 113.6

200 29.4 24.6 36.8



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



#44

2,4,5-Trichlorophenol

Concen: 37.194 ng

RT: 9.09 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Tgt Ion:196 Resp: 176940

Ion Ratio Lower Upper

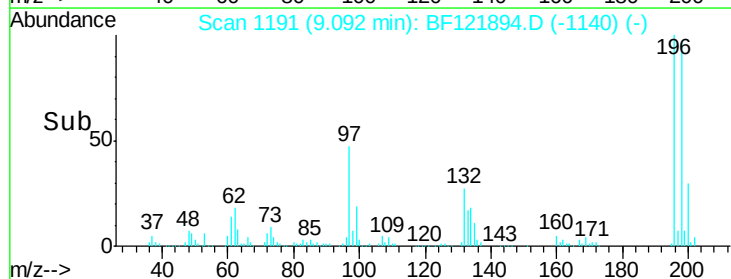
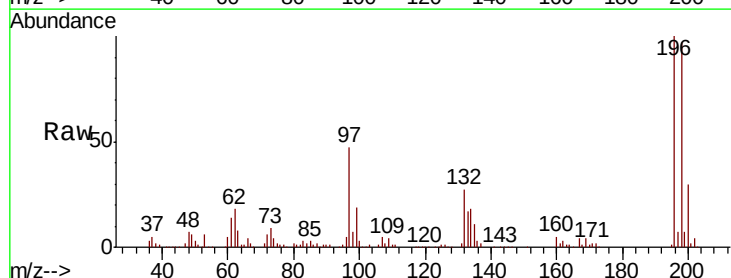
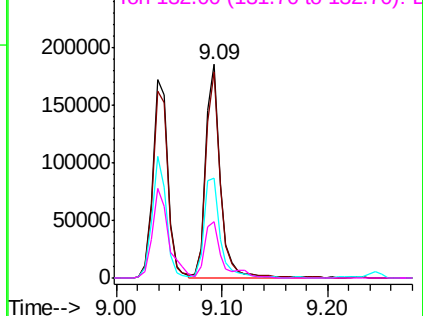
196 100

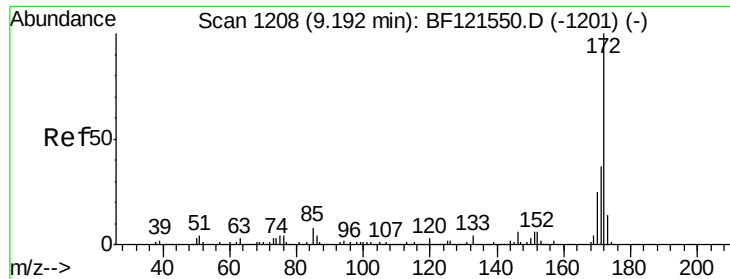
198 96.5 76.1 114.1

97 46.9 41.0 61.6

132 26.7 22.4 33.6

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E



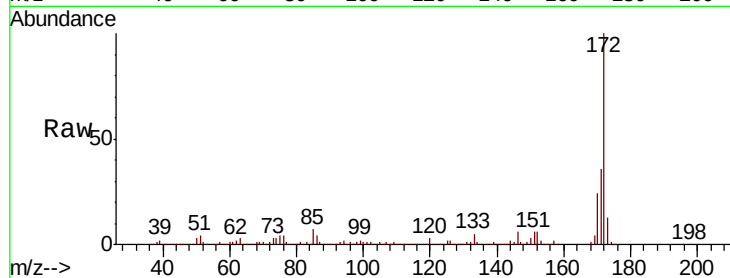


#45
 2-Fluorobiphenyl
 Concen: 76.919 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

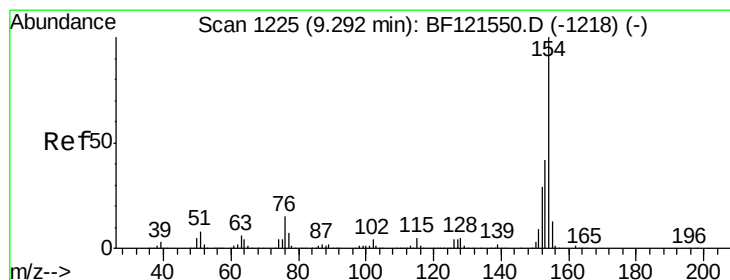
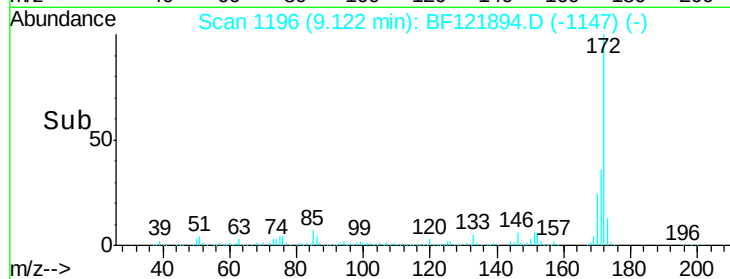
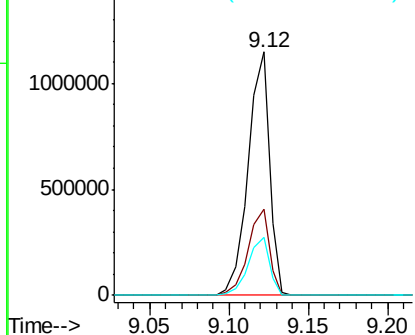
Instrument :
 BNA_F
 ClientSampleId :
 OWLS-HEAD-BH-04-BMSD

Tot Ion:172 Resp: 1073406

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.1	43.7
170	23.8	19.8	29.6



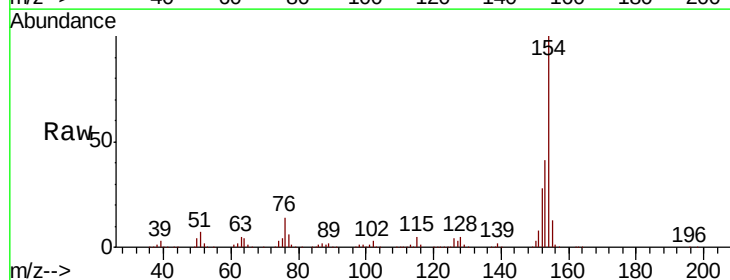
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



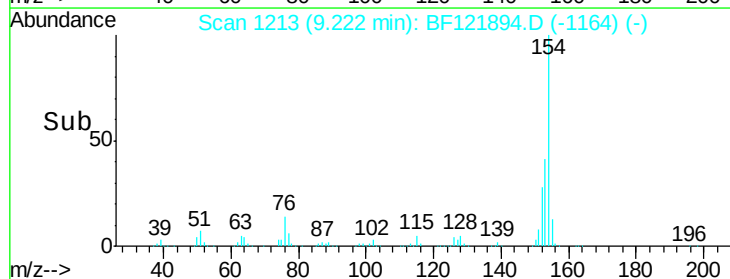
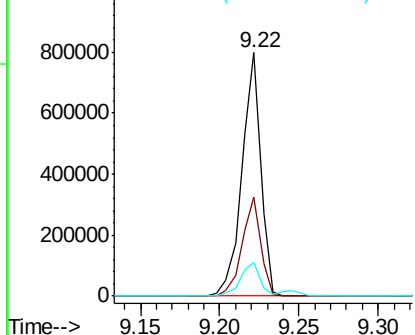
#46
 1,1'-Biphenyl
 Concen: 38.544 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

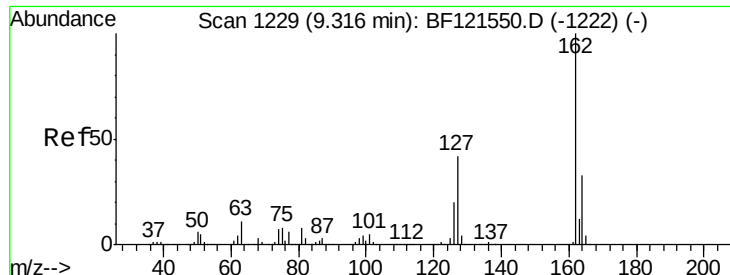
Tgt Ion:154 Resp: 652178

Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.3	61.3
76	14.0	0.0	34.7



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

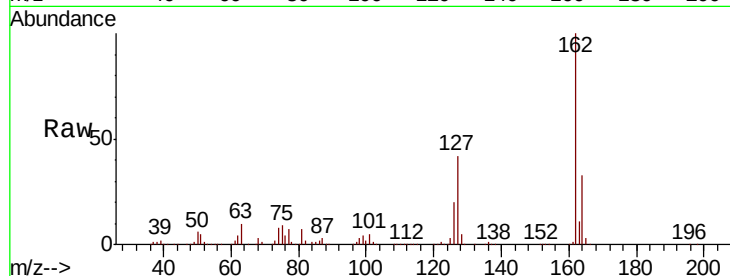




#47
 2-Chloronaphthalene
 Concen: 37.896 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :
 OWLS-HEAD-BH-04-BMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.2	34.4	51.6
164	32.8	26.3	39.5

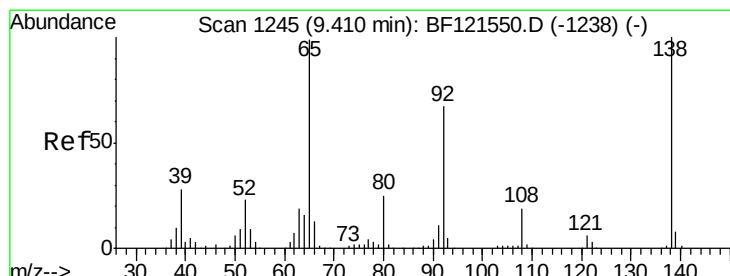
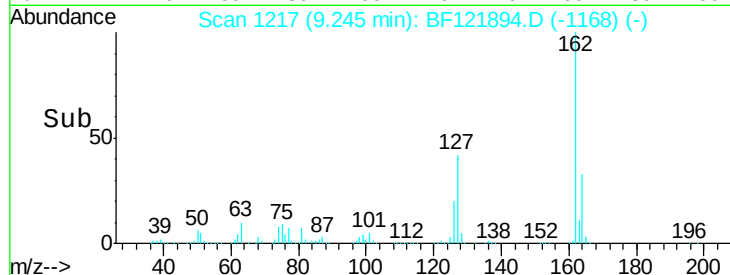
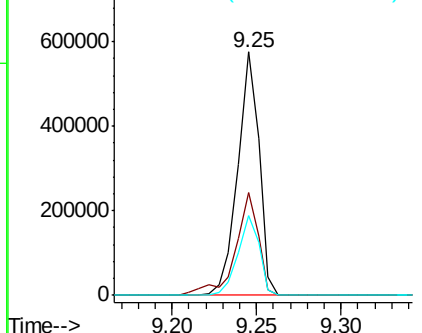


Abundance

Ion 162.00 (161.70 to 162.70): E

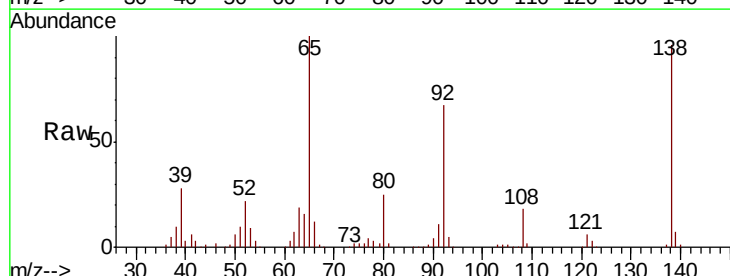
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 41.382 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.5	55.1	82.7
138	95.8	80.5	120.7

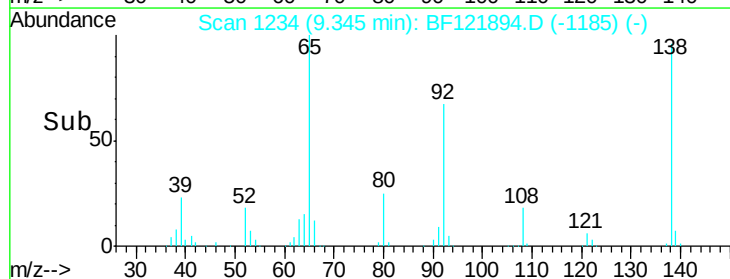
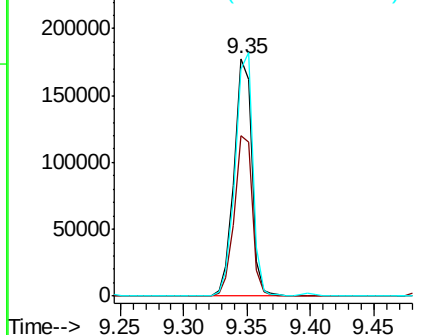


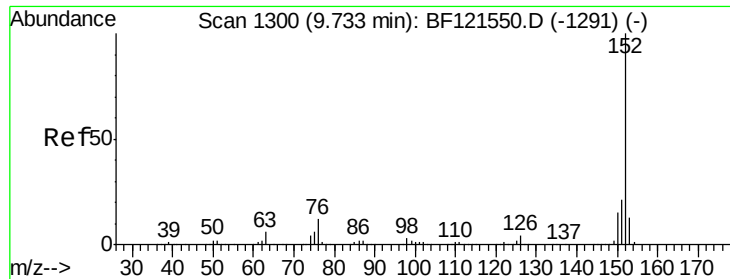
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.451 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Instrument :

BNA_F

ClientSampleId :

OWLS-HEAD-BH-04-BMSD

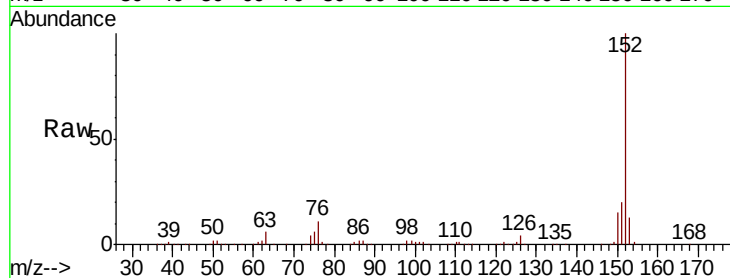
Tot Ion:152 Resp: 787721

Ion Ratio Lower Upper

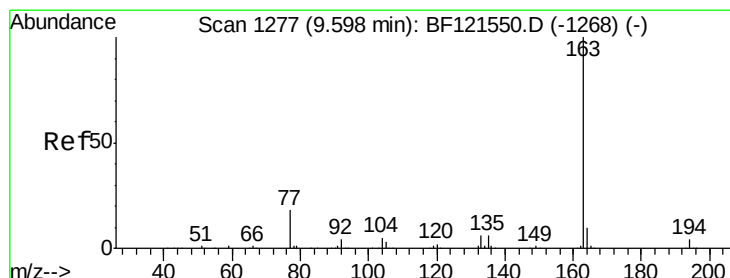
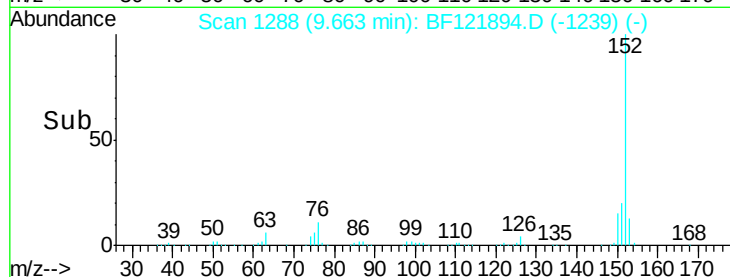
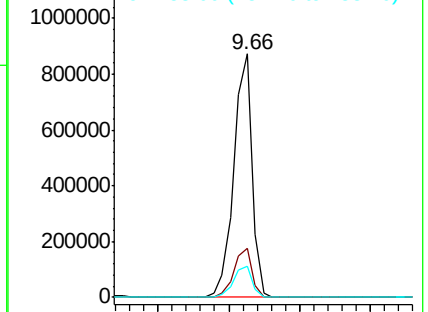
152 100

151 20.0 16.4 24.6

153 12.9 10.6 15.8



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: 48.207 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

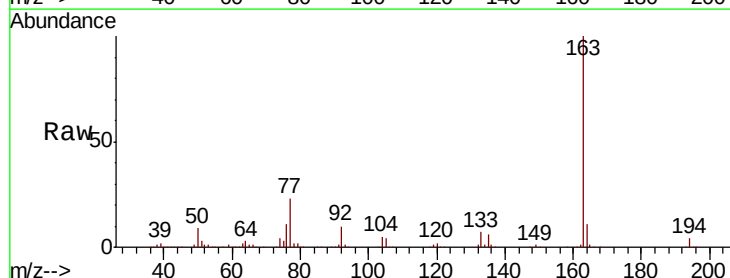
Tgt Ion:163 Resp: 738467

Ion Ratio Lower Upper

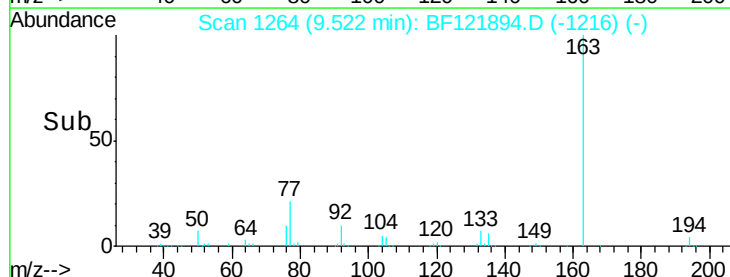
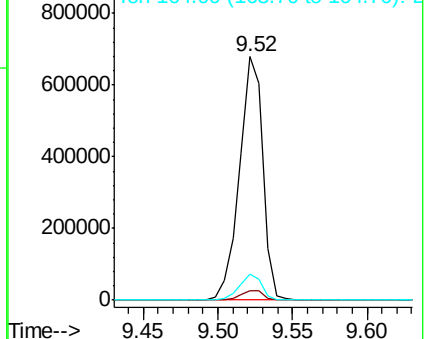
163 100

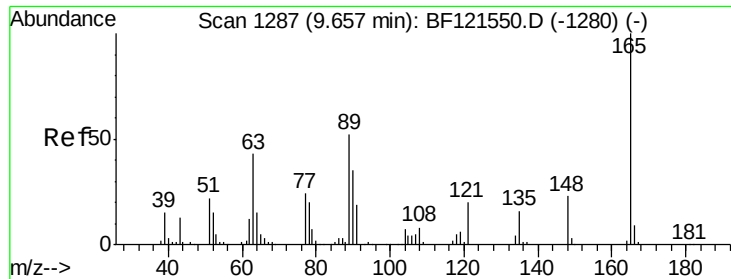
194 3.8 3.3 4.9

164 10.6 8.2 12.4



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

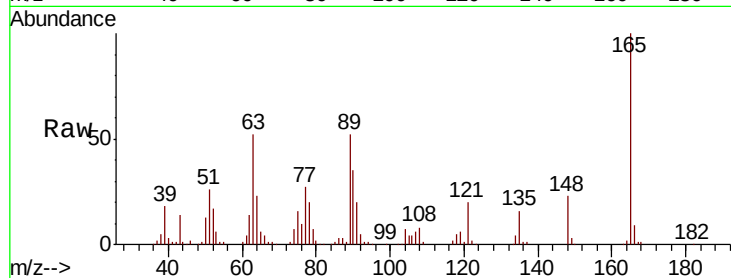




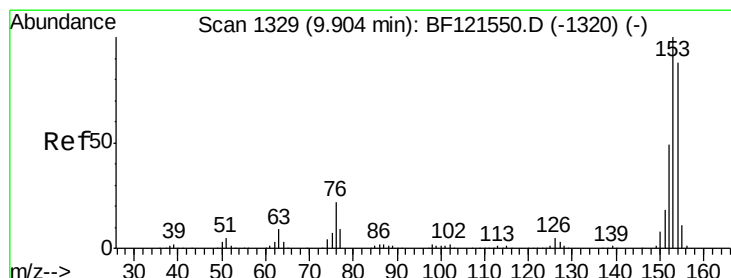
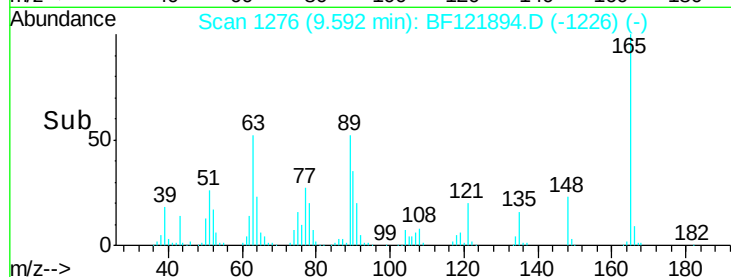
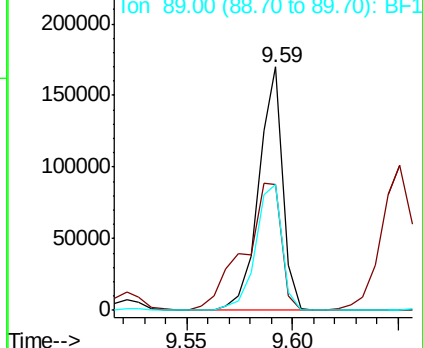
#51
 2,6-Dinitrotoluene
 Concen: 41.095 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :
 OWLS-HEAD-BH-04-BMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.9	51.8	77.6
89	51.8	49.0	73.6

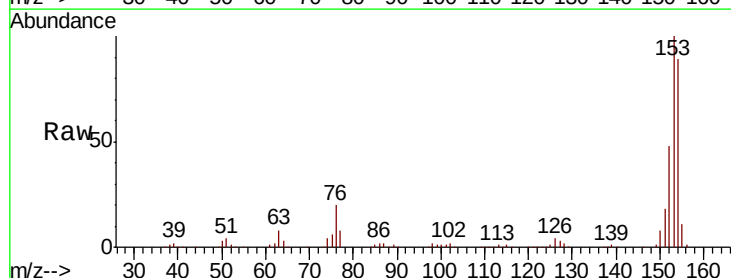


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

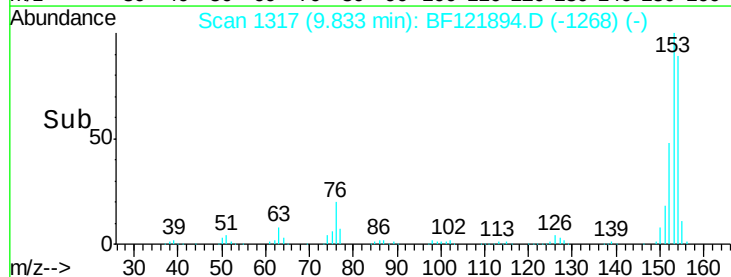
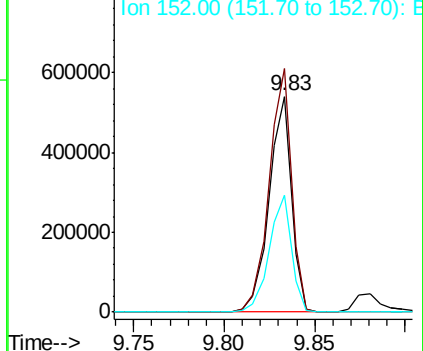


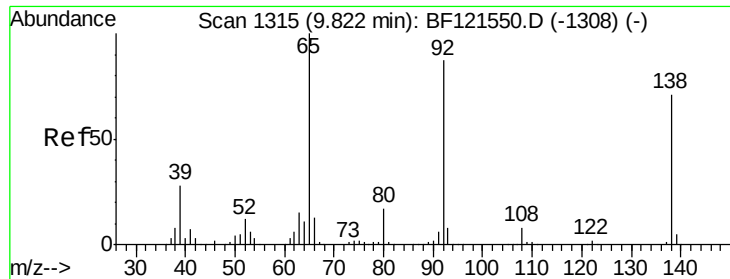
#52
 Acenaphthene
 Concen: 35.946 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.0	89.8	134.8
152	54.2	43.2	64.8



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

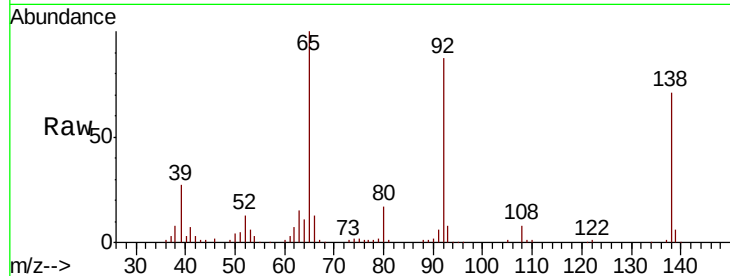




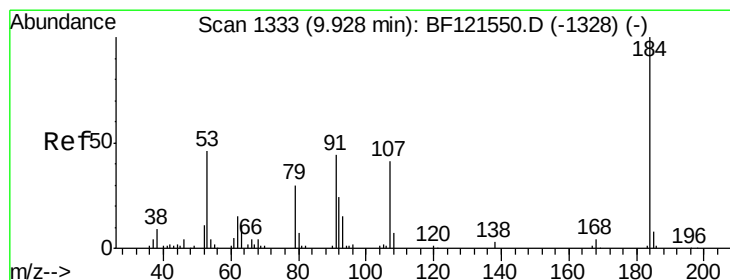
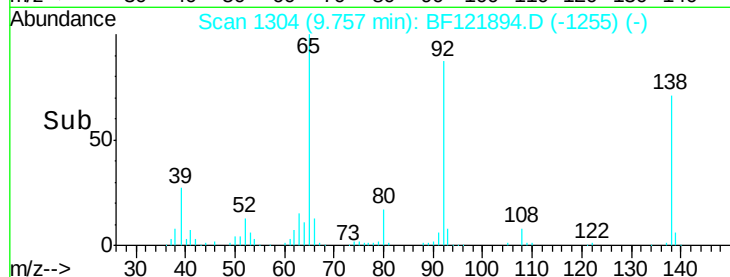
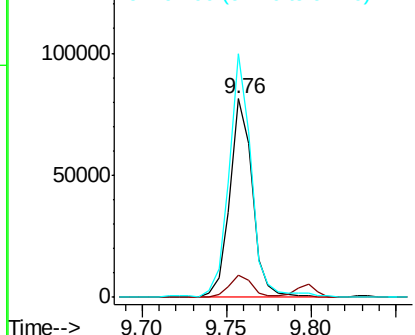
#53
3-Nitroaniline
Concen: 19.934 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-04-BMSD

Tot Ion:138 Resp: 75334
Ion Ratio Lower Upper
138 100
108 11.3 8.6 13.0
92 122.5 96.6 144.8

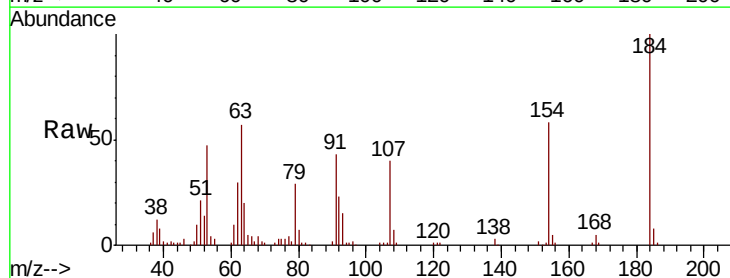


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

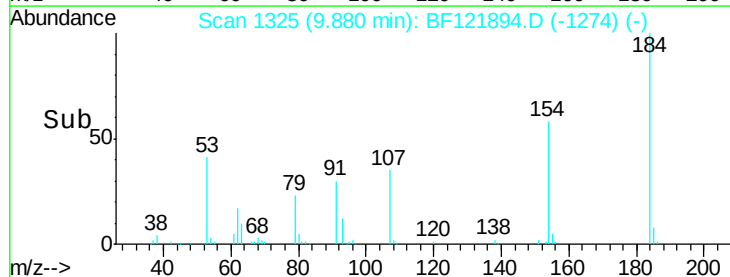
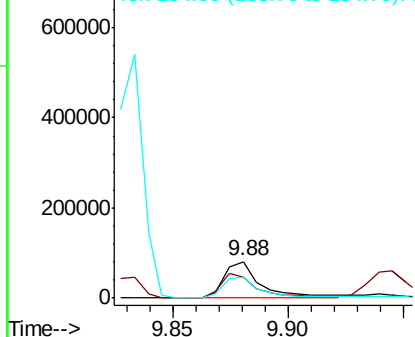


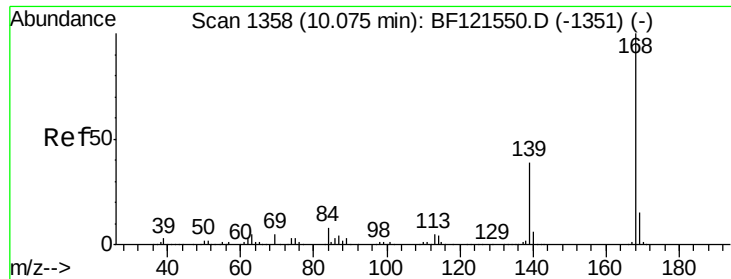
#54
2,4-Dinitrophenol
Concen: 51.371 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

Tgt Ion:184 Resp: 89792
Ion Ratio Lower Upper
184 100
63 57.0 45.9 68.9
154 57.7 45.8 68.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

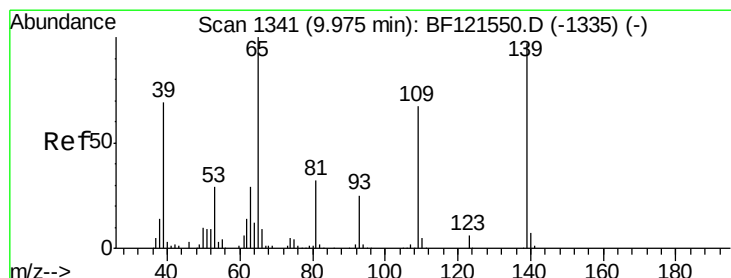
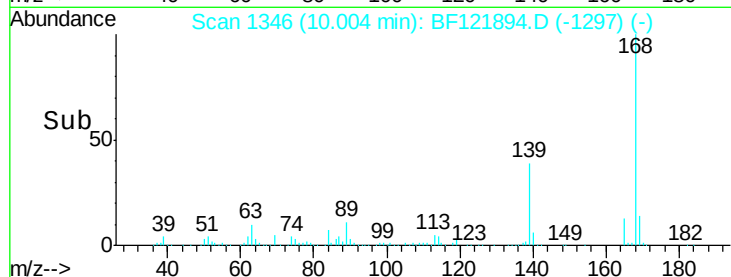
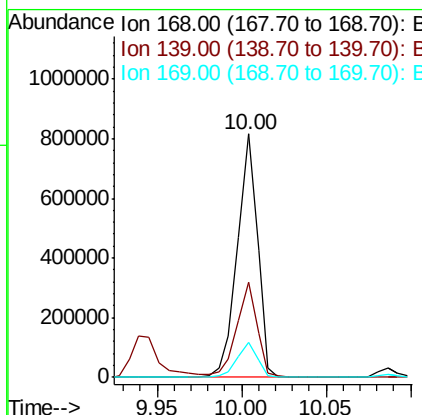
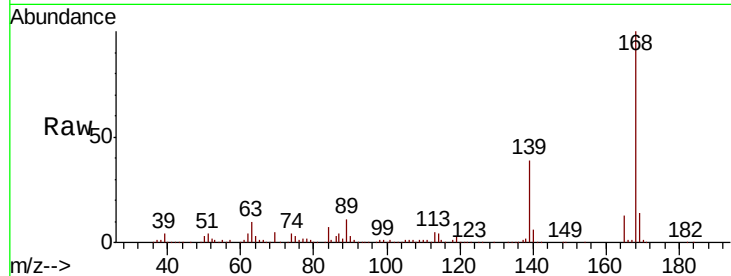




#55
Dibenzofuran
Concen: 37.297 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

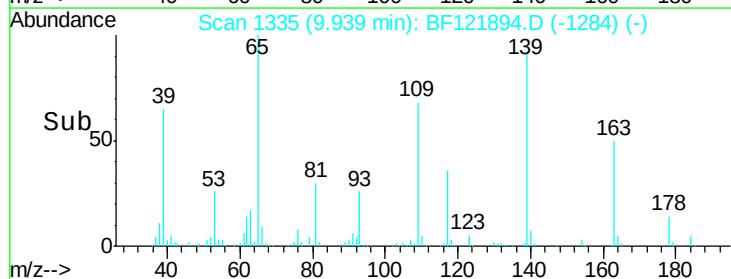
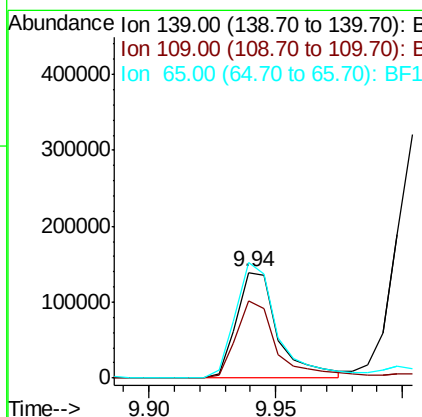
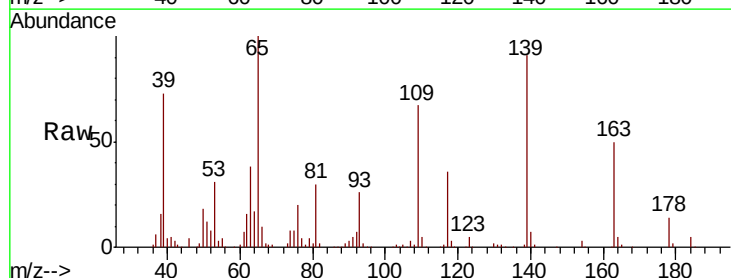
Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-04-BMSD

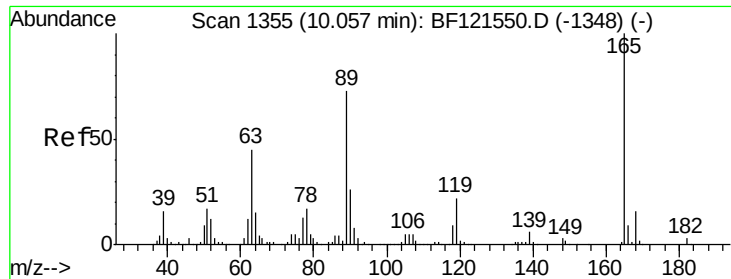
Tot Ion:168 Resp: 679633
Ion Ratio Lower Upper
168 100
139 39.3 31.0 46.6
169 14.5 11.3 16.9



#56
4-Nitrophenol
Concen: 53.077 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

Tgt Ion:139 Resp: 159970
Ion Ratio Lower Upper
139 100
109 73.3 45.4 85.4
65 109.8 68.4 108.4#

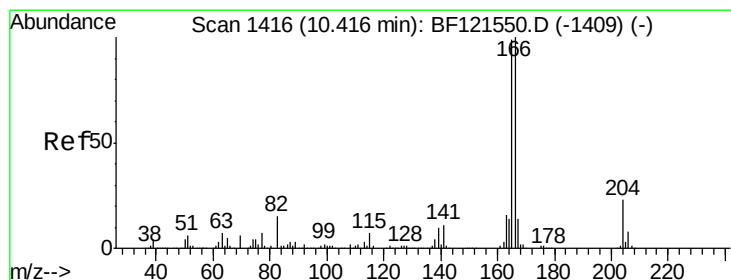
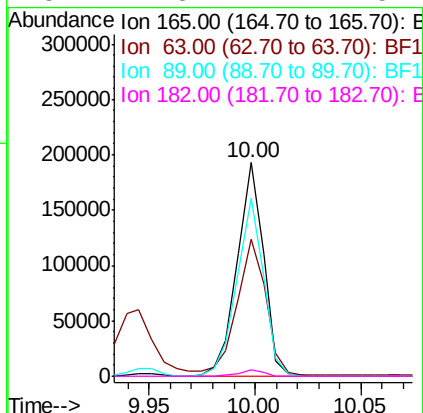
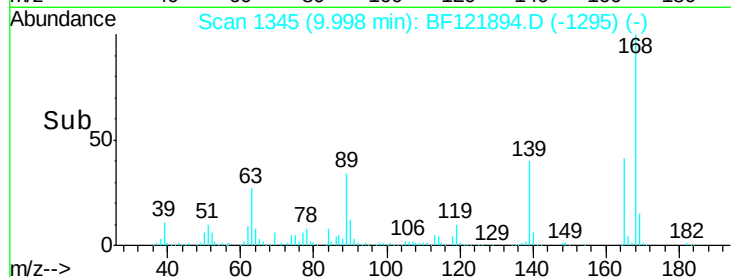
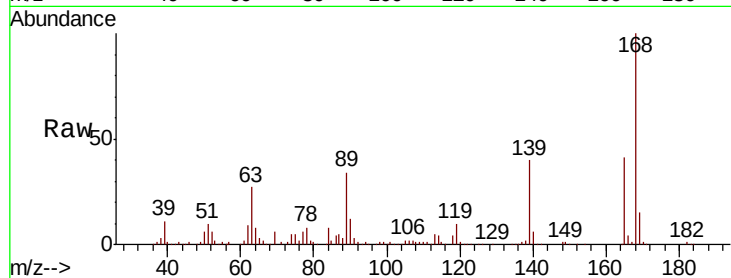




#57
2,4-Dinitrotoluene
Concen: 40.553 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

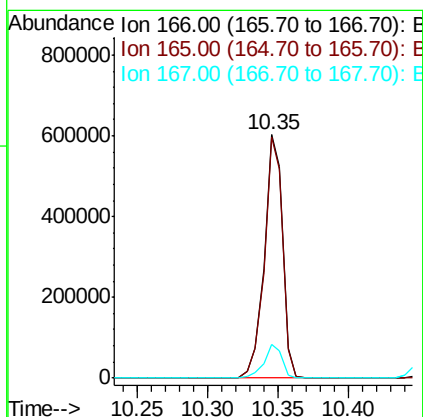
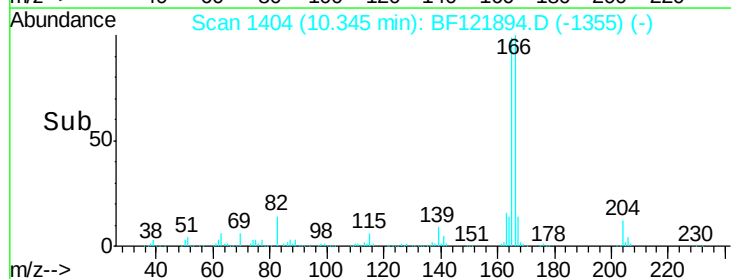
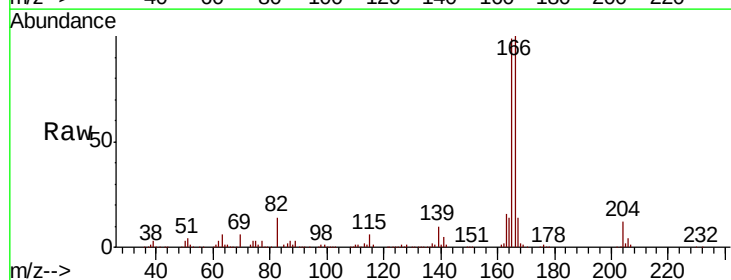
Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-04-BMSD

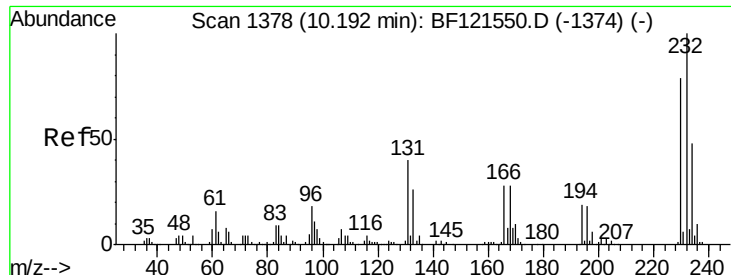
Tot Ion	Ratio	Lower	Upper
165	100		
63	64.4	41.3	61.9
89	83.5	61.8	92.8
182	2.8	2.1	3.1



#58
Fluorene
Concen: 39.864 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.1	118.7
167	13.8	11.0	16.6

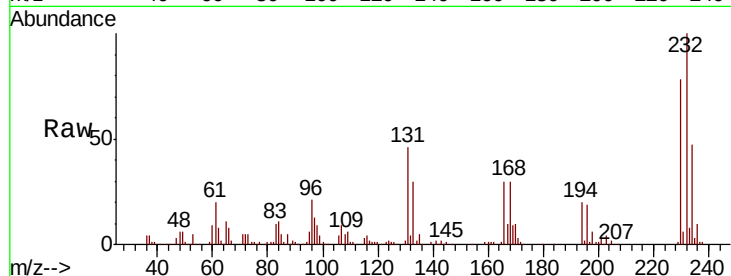




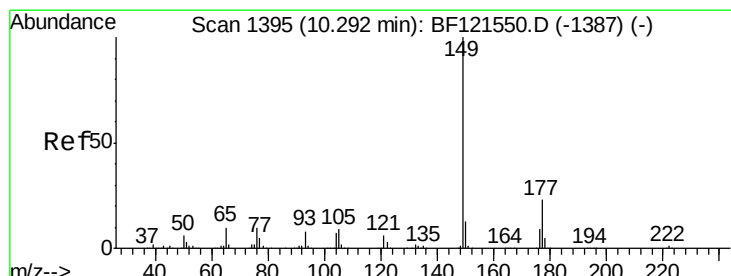
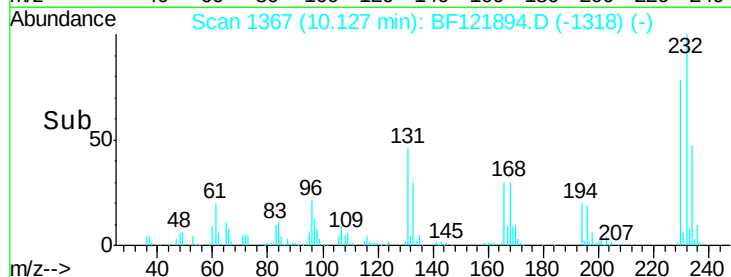
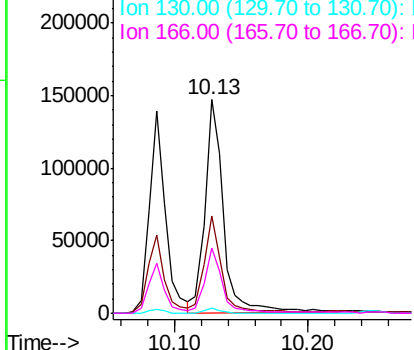
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.545 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :
 OWLS-HEAD-BH-04-BMSD

Tot Ion:	232	Resp:	141339
Ion	Ratio	Lower	Upper
232	100		
131	42.3	35.9	53.9
130	2.0	1.8	2.6
166	28.5	23.5	35.3

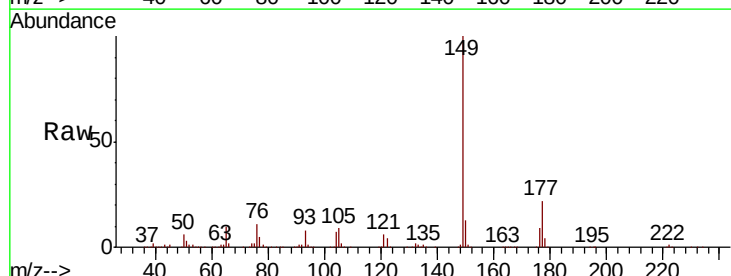


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

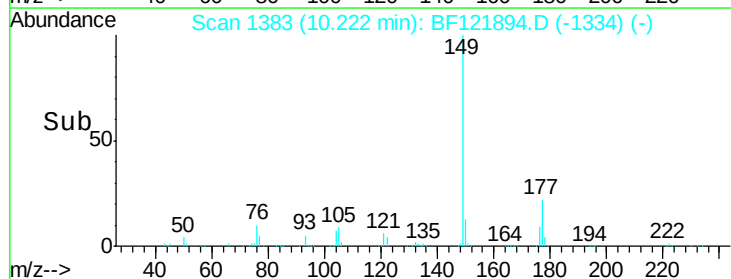
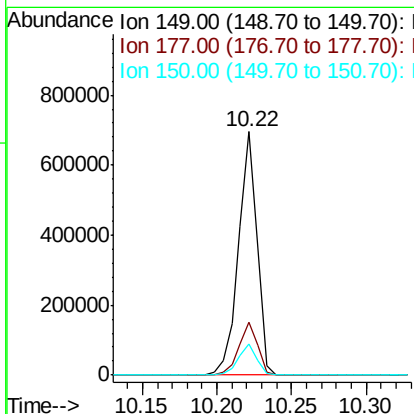


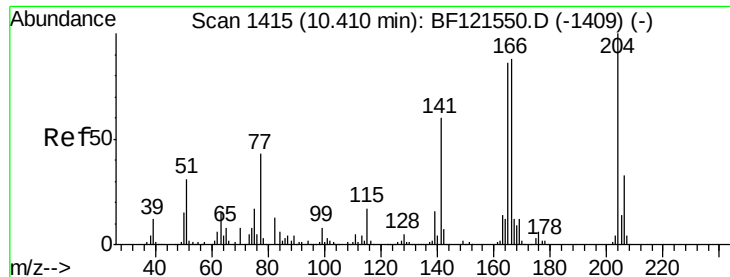
#60
 Diethylphthalate
 Concen: 40.572 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.01 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

Tgt Ion:	149	Resp:	605959
Ion	Ratio	Lower	Upper
149	100		
177	21.8	18.1	27.1
150	12.6	10.3	15.5



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

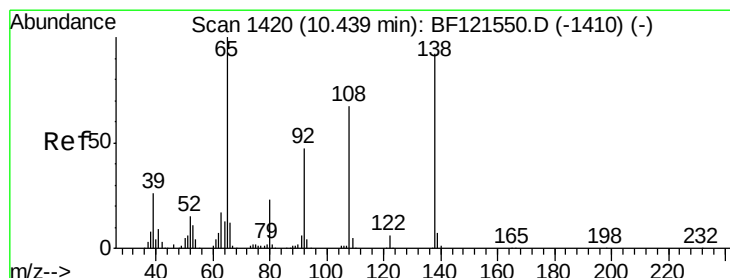
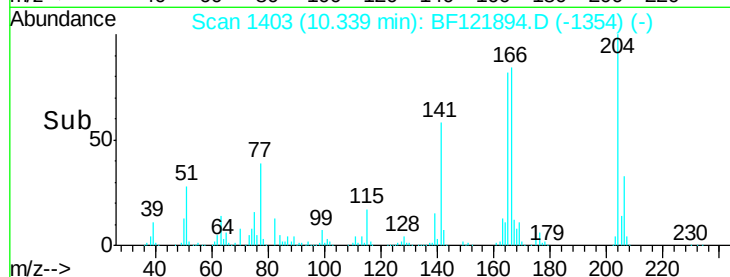
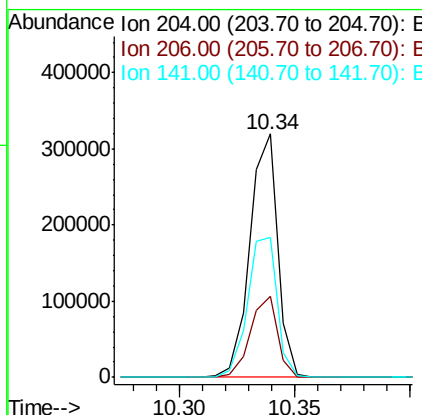
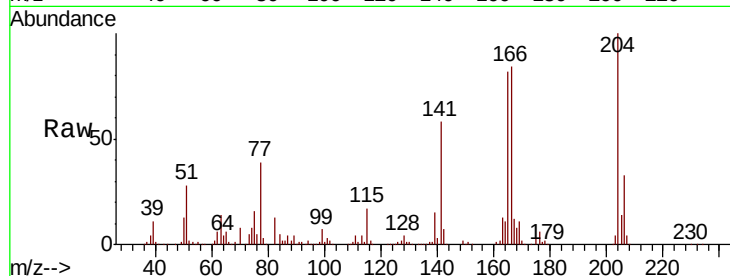




#61
4-Chlorophenyl-phenylether
Concen: 40.550 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

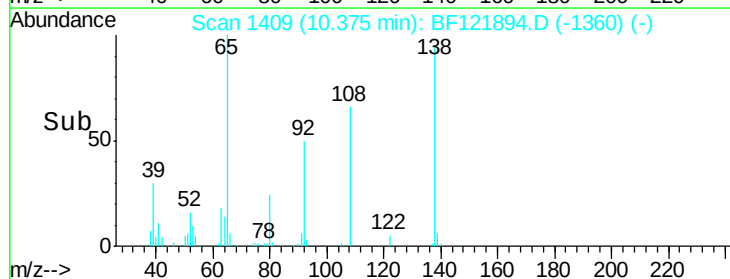
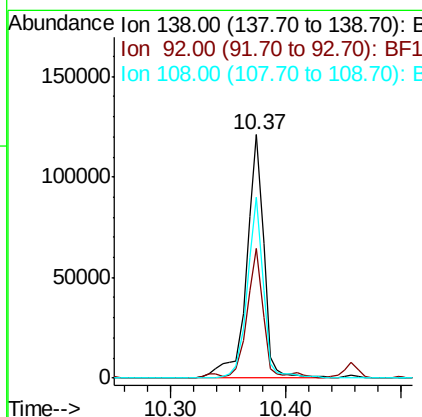
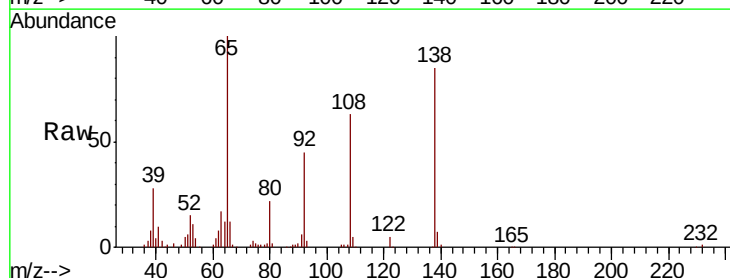
Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-04-BMSD

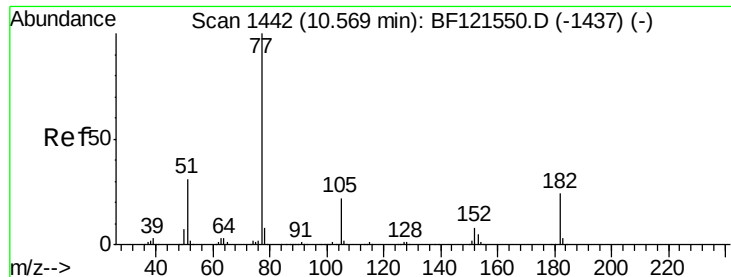
Tot Ion:204 Resp: 270689
Ion Ratio Lower Upper
204 100
206 33.4 26.0 39.0
141 57.5 46.2 69.4



#62
4-Nitroaniline
Concen: 33.419 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

Tgt Ion:138 Resp: 125402
Ion Ratio Lower Upper
138 100
92 53.1 31.0 71.0
108 74.4 51.5 91.5





#63

Azobenzene

Concen: 39.348 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Instrument :

BNA_F

ClientSampleId :

OWLS-HEAD-BH-04-BMSD

Tot Ion: 77 Resp: 625830

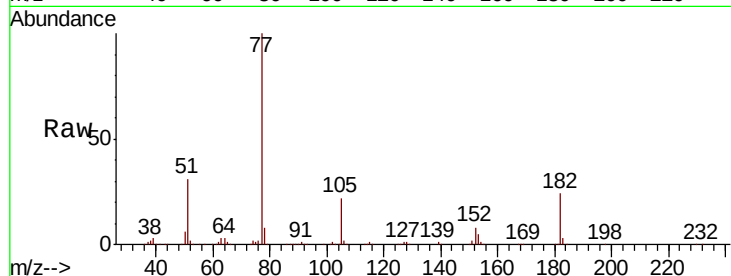
Ion Ratio Lower Upper

77 100

182 24.0 3.4 43.4

105 21.8 1.7 41.7

51 31.0 11.6 51.6

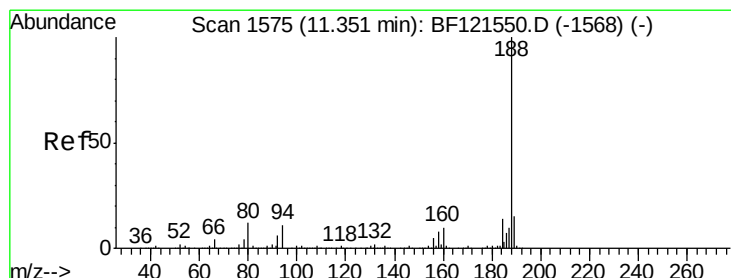
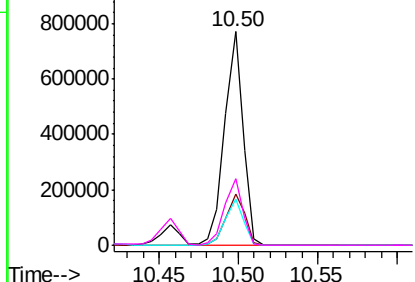
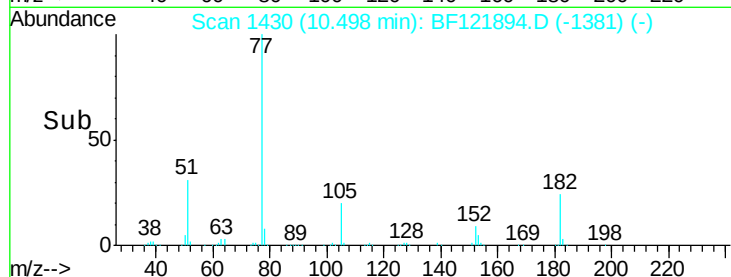


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.28 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

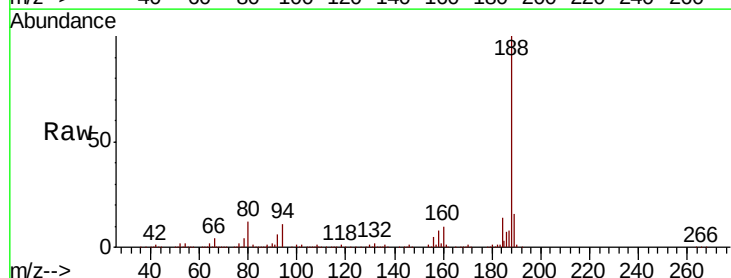
Tgt Ion: 188 Resp: 382079

Ion Ratio Lower Upper

188 100

94 11.2 8.3 12.5

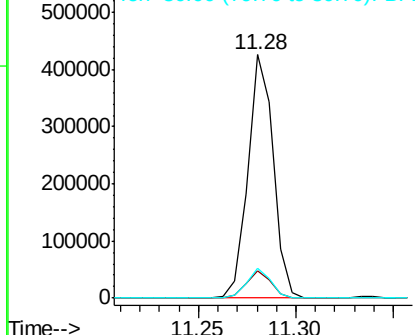
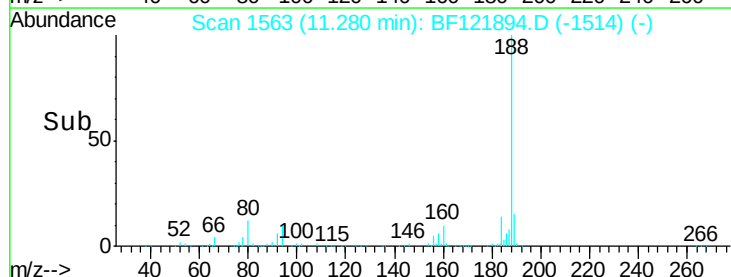
80 12.2 9.1 13.7

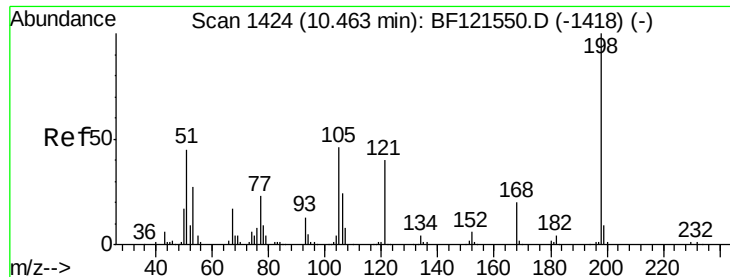


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 35.841 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Instrument :

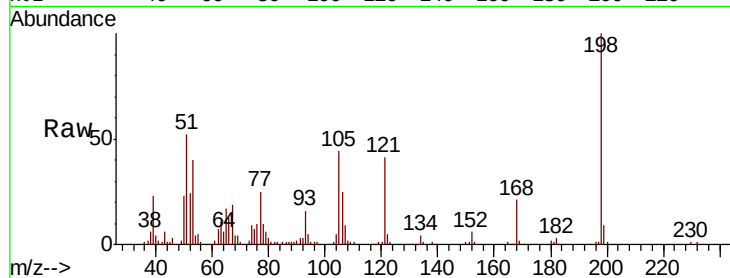
BNA_F

ClientSampleId :

OWLS-HEAD-BH-04-BMSD

Tot Ion:198 Resp: 79285

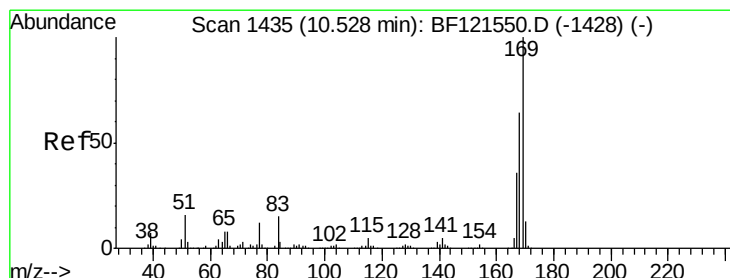
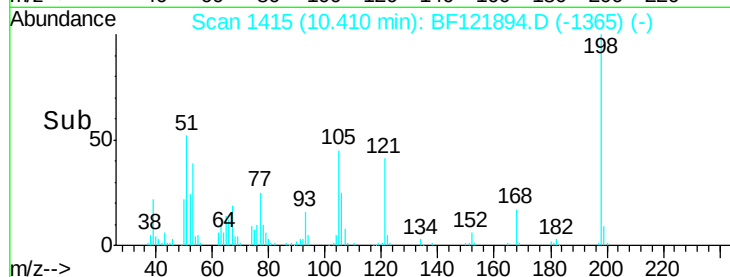
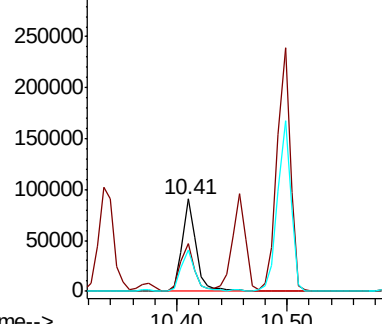
Ion	Ratio	Lower	Upper
198	100		
51	51.5	29.6	69.6
105	44.2	24.4	64.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.760 ng

RT: 10.46 min Scan# 1423

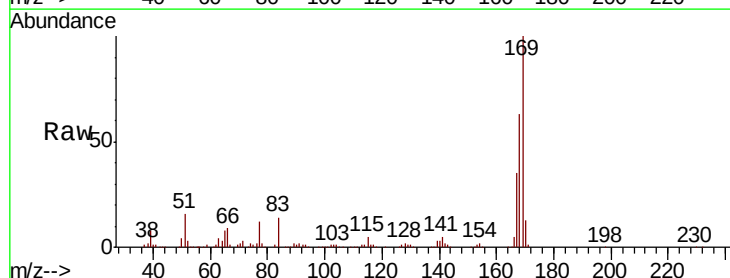
Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Tgt Ion:169 Resp: 521182

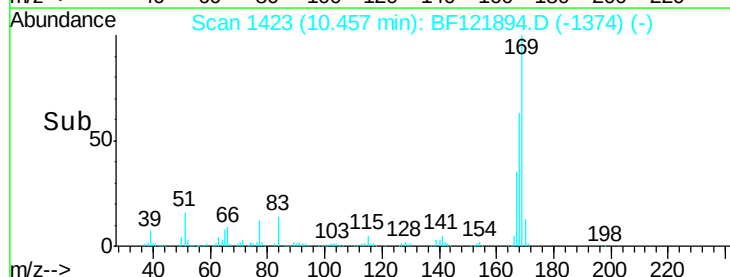
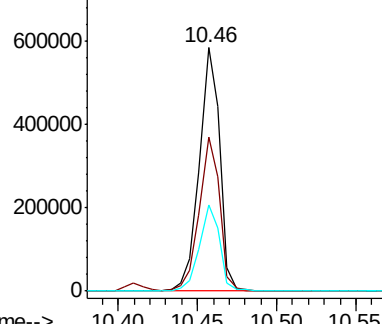
Ion	Ratio	Lower	Upper
169	100		
168	63.4	50.0	75.0
167	35.2	27.8	41.6

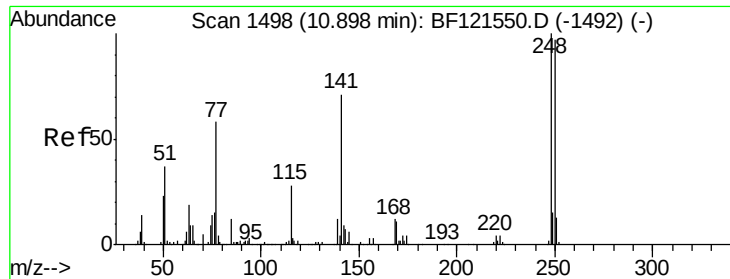


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

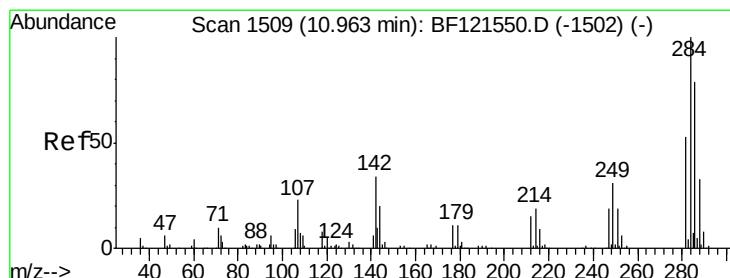
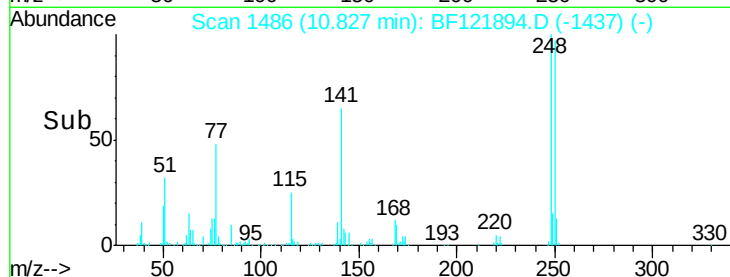
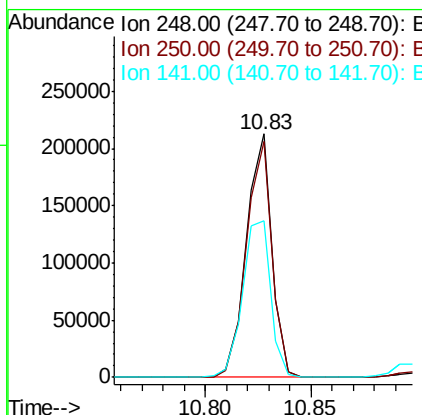
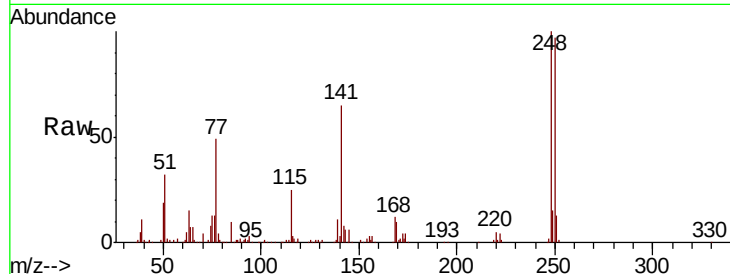




#67
 4-Bromophenyl-phenylether
 Concen: 41.020 ng
 RT: 10.83 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

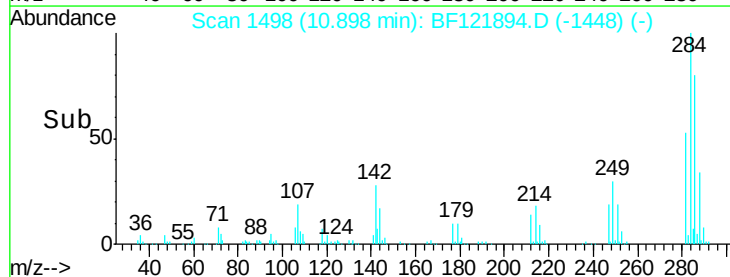
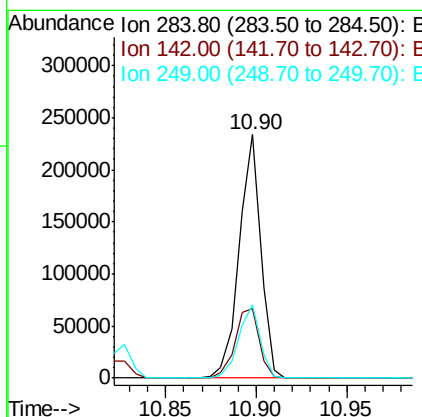
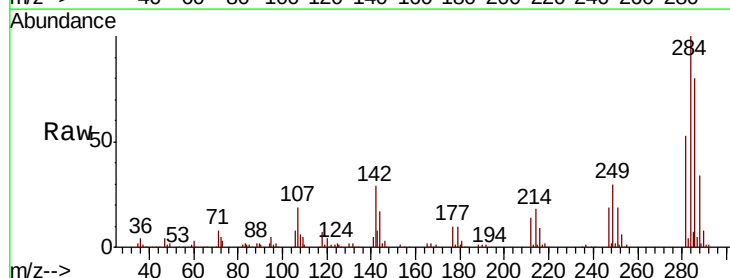
Instrument :
 BNA_F
 ClientSampleId :
 OWLS-HEAD-BH-04-BMSD

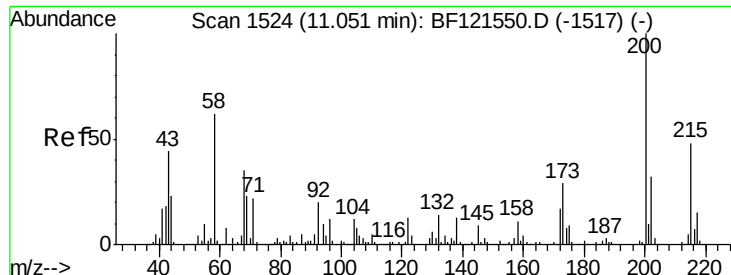
Tot Ion:248 Resp: 178441
 Ion Ratio Lower Upper
 248 100
 250 96.8 77.0 115.6
 141 64.5 53.7 80.5



#68
 Hexachlorobenzene
 Concen: 39.450 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

Tgt Ion:284 Resp: 193671
 Ion Ratio Lower Upper
 284 100
 142 28.6 27.4 41.2
 249 30.0 24.2 36.4

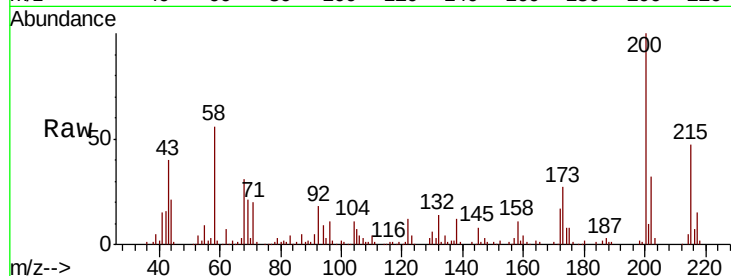




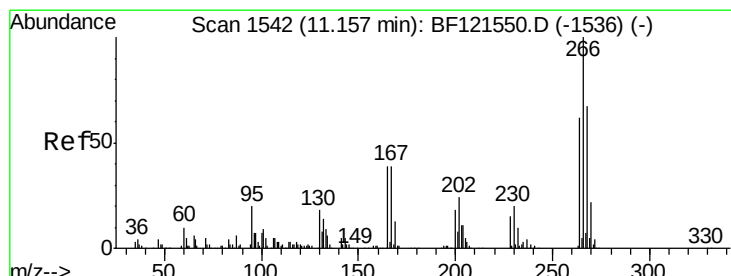
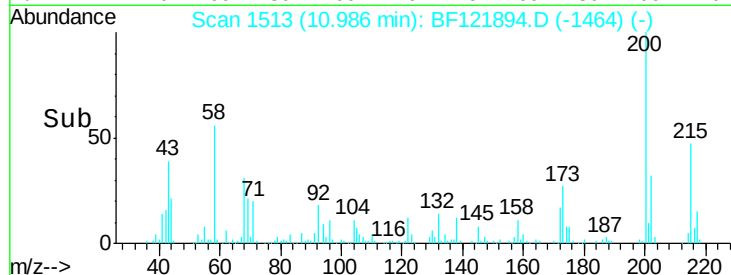
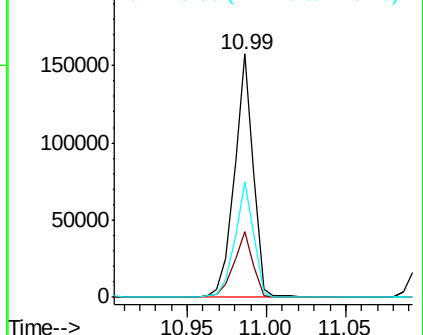
#69
Atrazine
Concen: 39.769 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-04-BMSD

Tot Ion:200 Resp: 129513
Ion Ratio Lower Upper
200 100
173 26.8 7.5 47.5
215 47.4 27.1 67.1

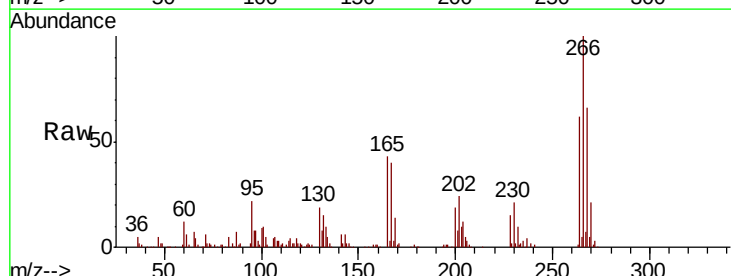


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

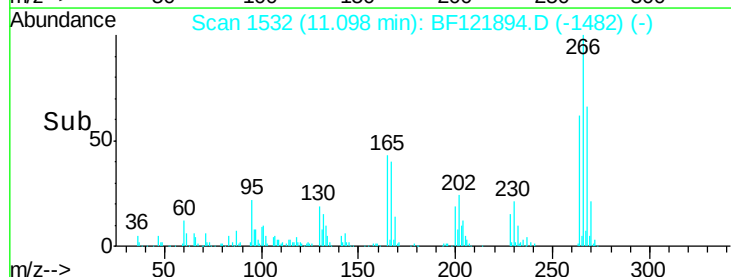
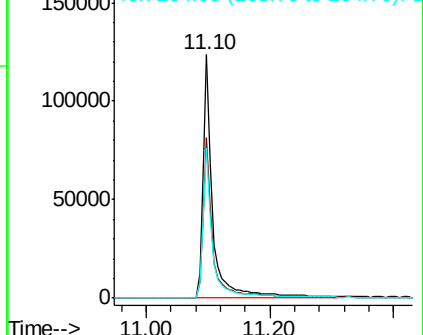


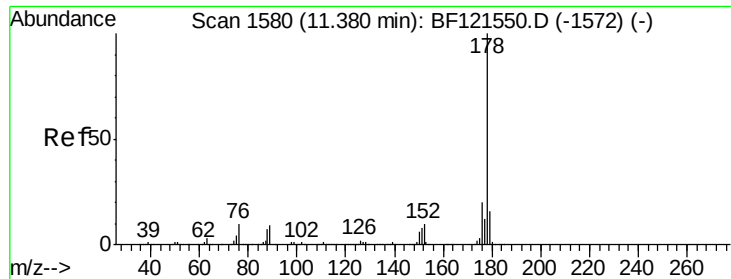
#70
Pentachlorophenol
Concen: 53.105 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

Tgt Ion:266 Resp: 143176
Ion Ratio Lower Upper
266 100
268 66.0 52.4 78.6
264 61.9 49.9 74.9



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

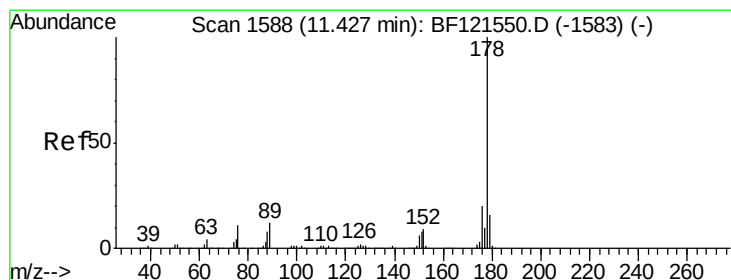
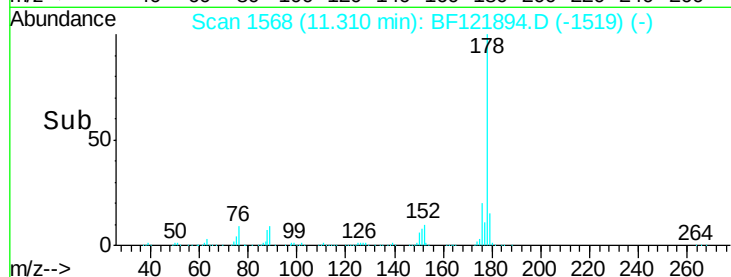
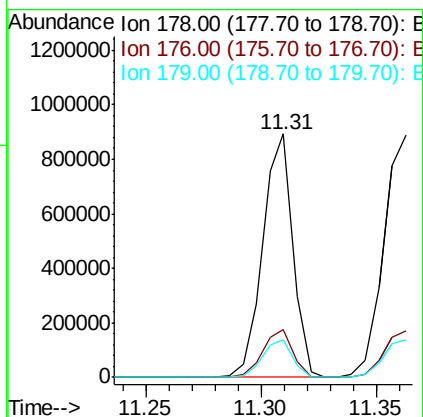
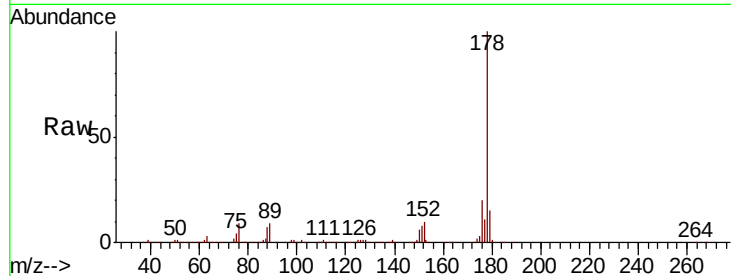




#71
Phenanthrene
Concen: 38.927 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

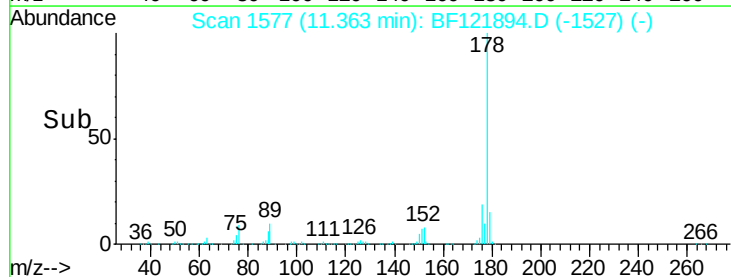
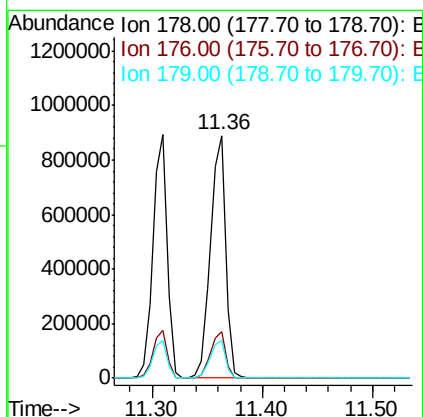
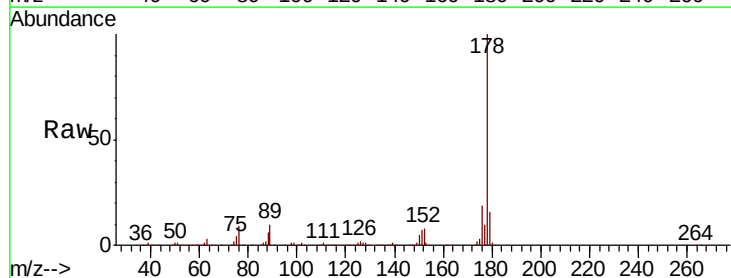
Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-04-BMSD

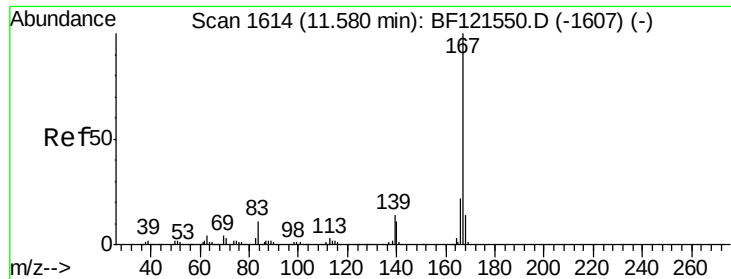
Tot Ion:178 Resp: 810353
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.3 12.2 18.4



#72
Anthracene
Concen: 38.669 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

Tgt Ion:178 Resp: 830709
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 15.6 12.7 19.1

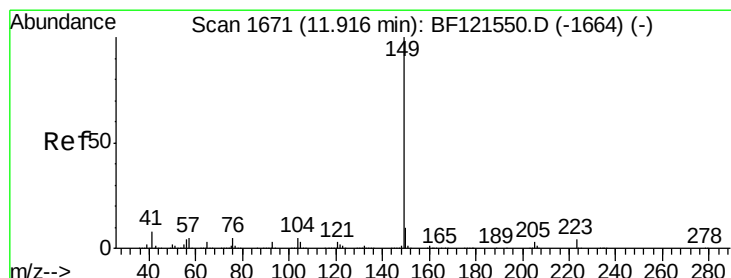
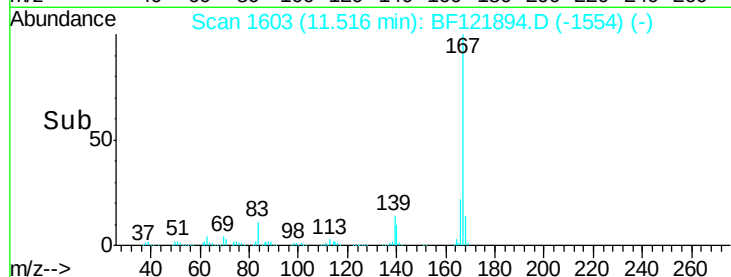
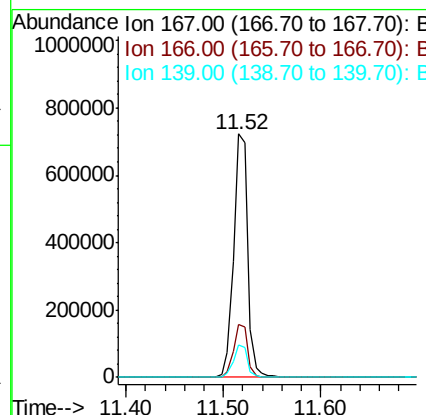
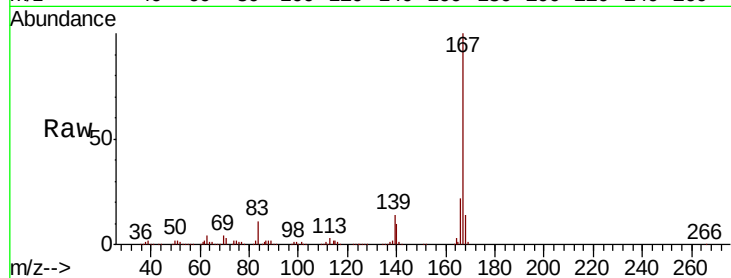




#73
 Carbazole
 Concen: 37.478 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

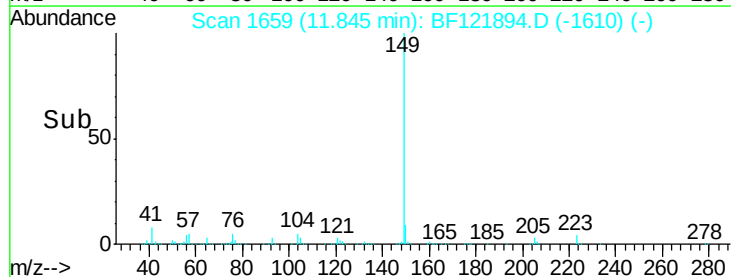
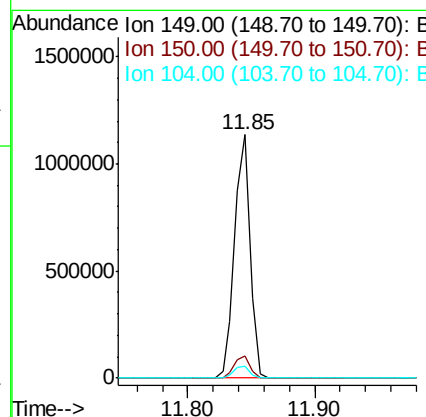
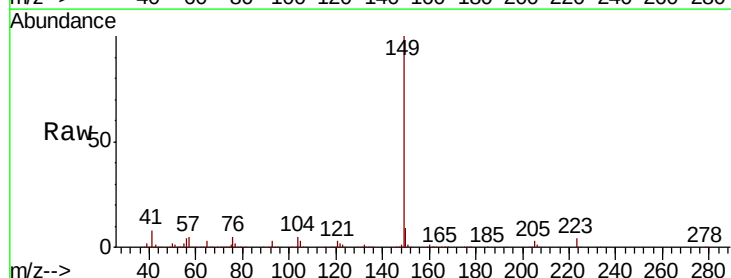
Instrument :
 BNA_F
 ClientSampleId :
 OWLS-HEAD-BH-04-BMSD

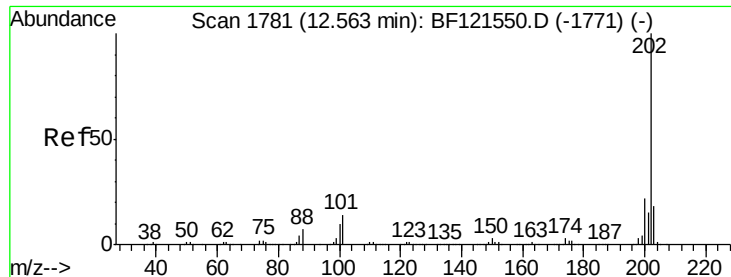
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.8	26.6
139	13.5	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 42.794 ng
 RT: 11.85 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	5.1	4.2	6.2





#75

Fluoranthene

Concen: 36.808 ng

RT: 12.50 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Instrument :

BNA_F

ClientSampleId :

OWLS-HEAD-BH-04-BMSD

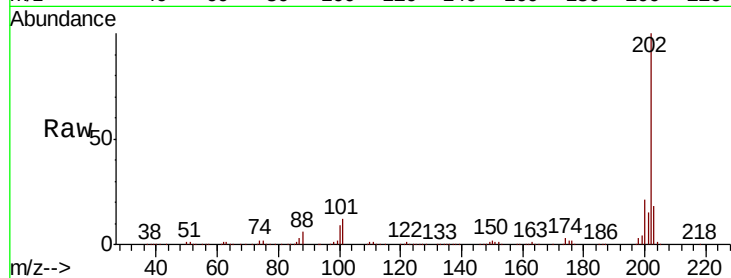
Tot Ion:202 Resp: 817947

Ion Ratio Lower Upper

202 100

101 12.4 0.0 33.4

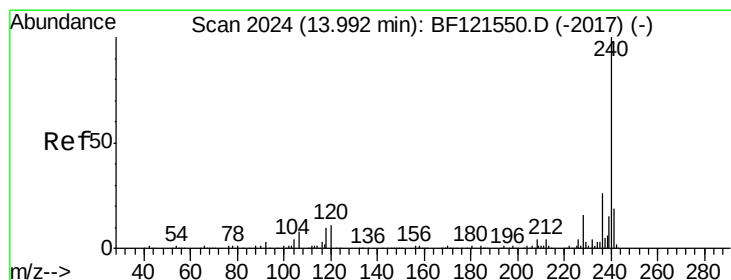
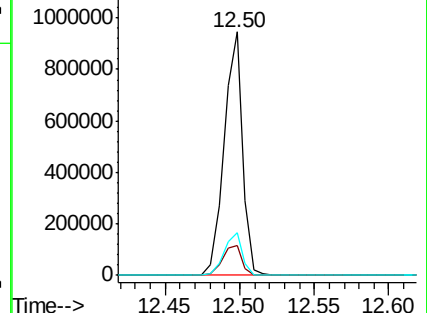
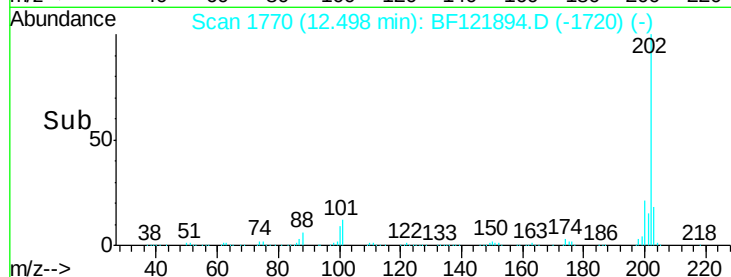
203 17.6 0.0 37.9



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: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

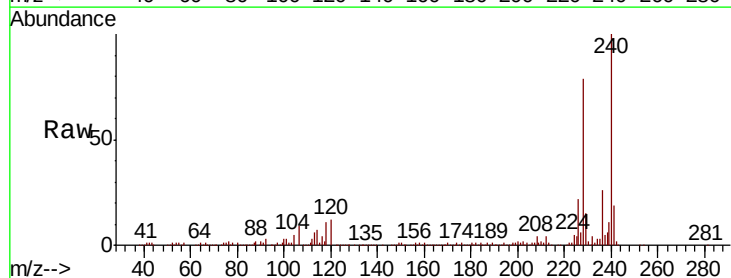
Tgt Ion:240 Resp: 241799

Ion Ratio Lower Upper

240 100

120 12.4 9.2 13.8

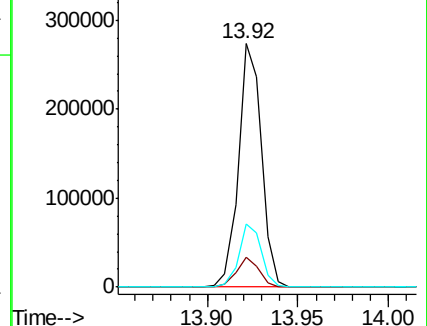
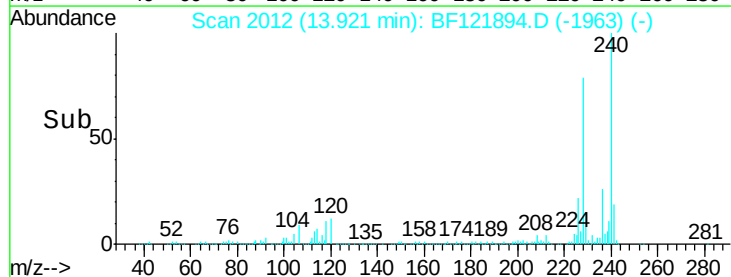
236 25.8 20.9 31.3

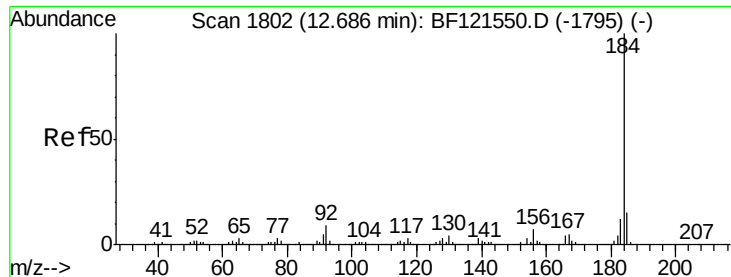


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.569 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Instrument :

BNA_F

ClientSampleId :

OWLS-HEAD-BH-04-BMSD

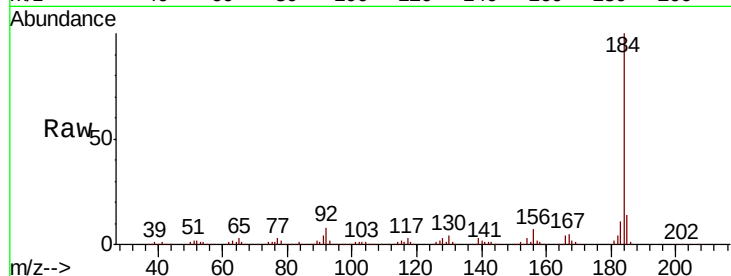
Tot Ion:184 Resp: 357274

Ion Ratio Lower Upper

184 100

185 14.3 11.6 17.4

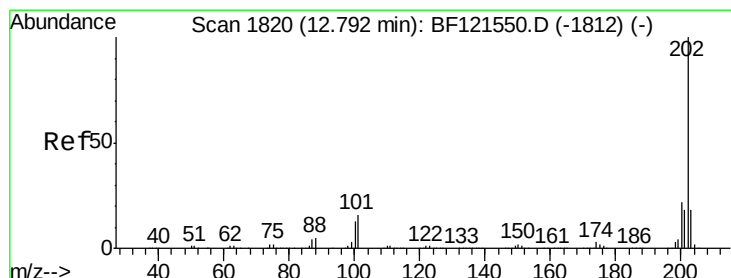
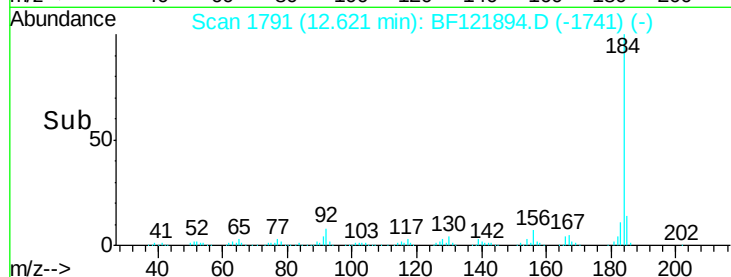
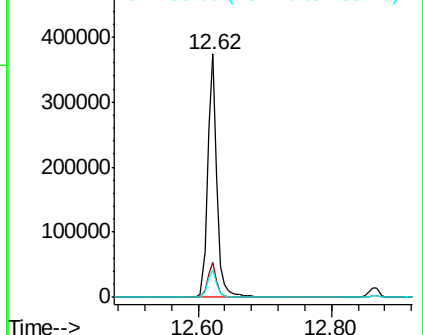
183 11.4 9.4 14.0



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: 45.847 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

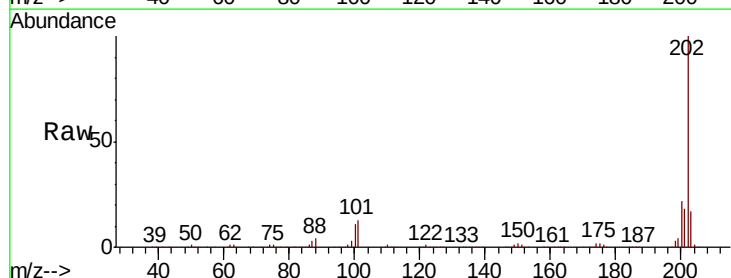
Tgt Ion:202 Resp: 809967

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

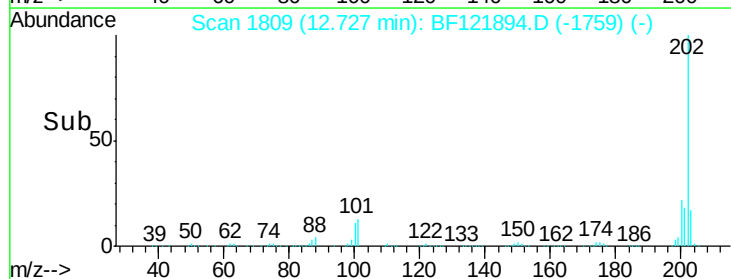
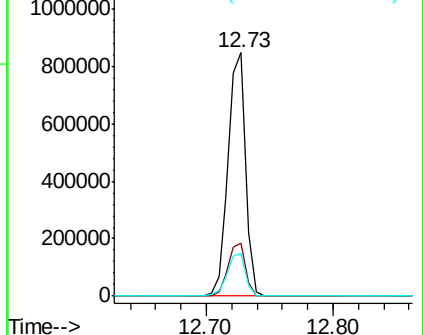
203 17.4 14.6 21.8

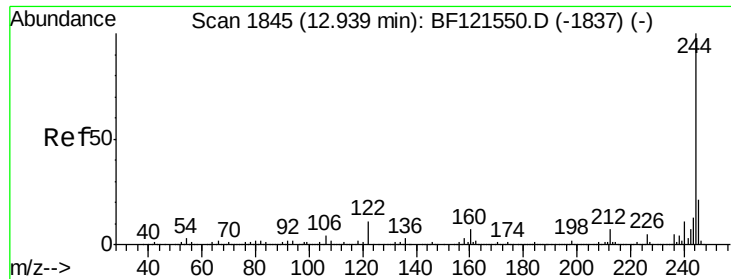


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.469 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Instrument :

BNA_F

ClientSampleId :

OWLS-HEAD-BH-04-BMSD

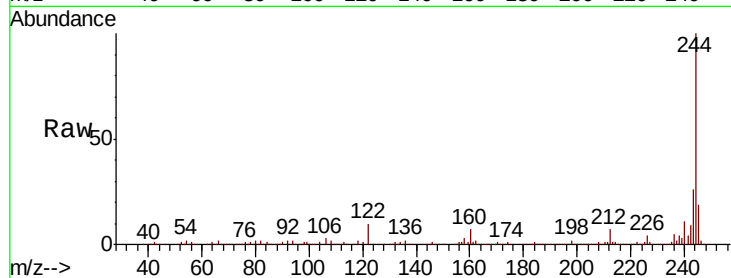
Tot Ion:244 Resp: 1043977

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

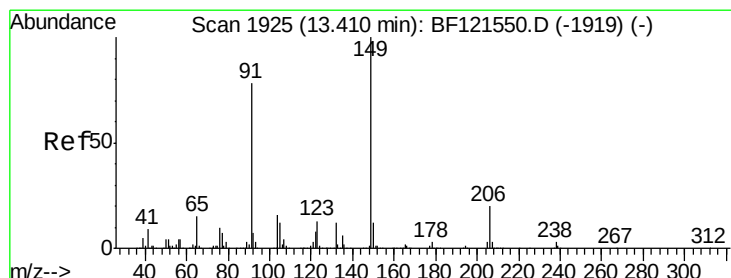
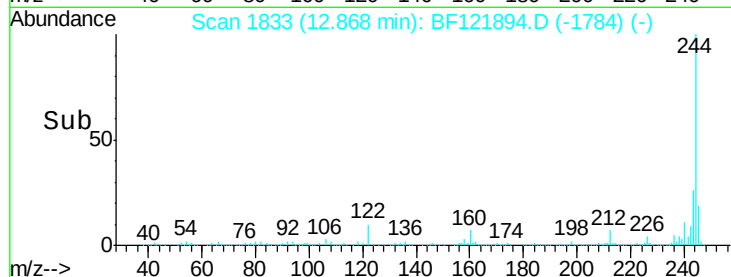
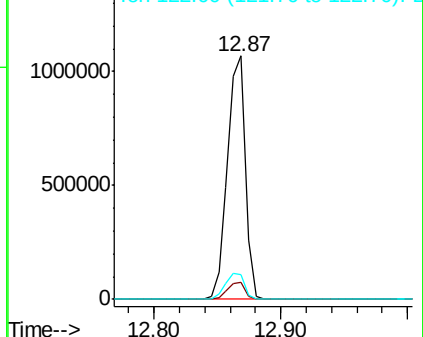
122 10.2 8.1 12.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.039 ng

RT: 13.34 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

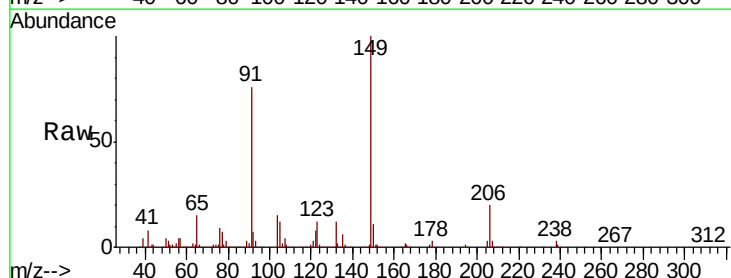
Tgt Ion:149 Resp: 357525

Ion Ratio Lower Upper

149 100

91 75.7 61.0 91.4

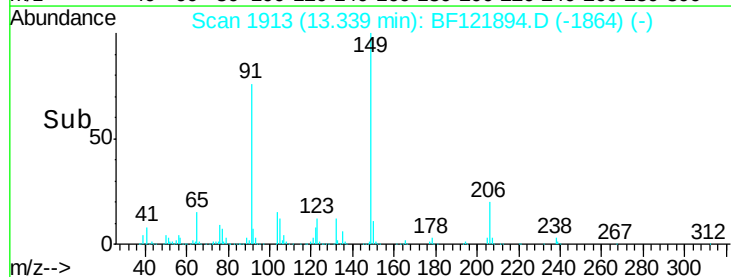
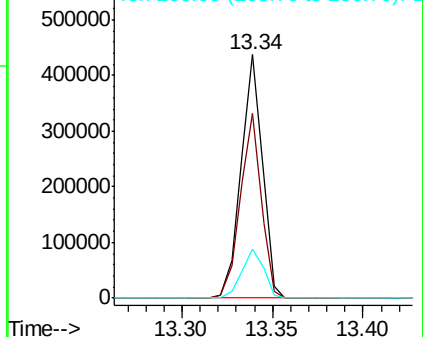
206 20.0 16.7 25.1

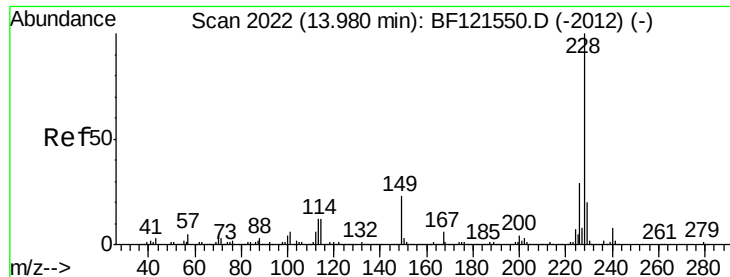


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

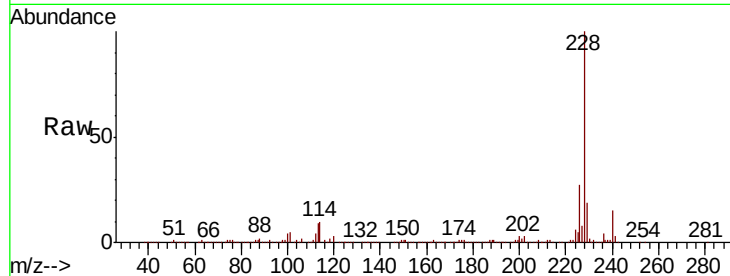




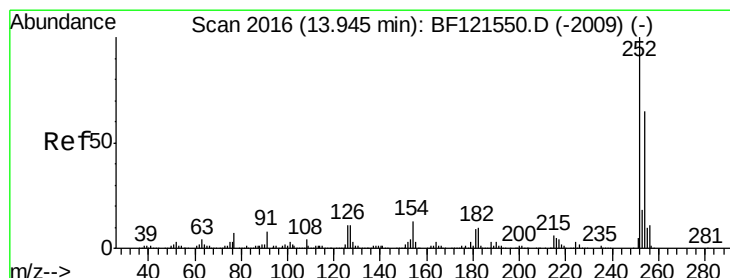
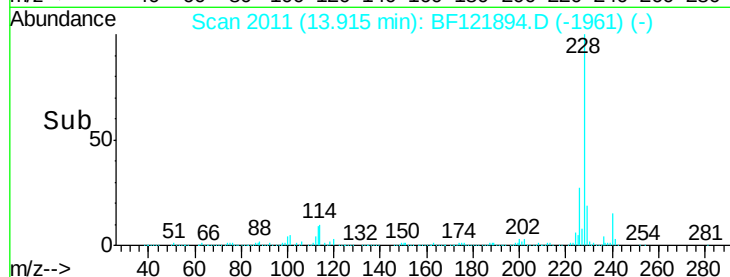
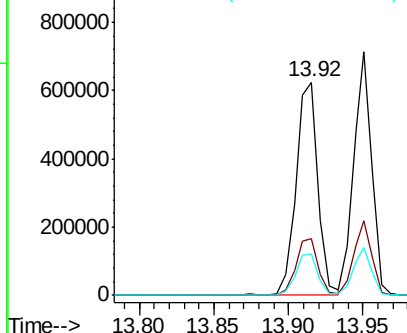
#81
Benzo(a)anthracene
Concen: 41.706 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-04-BMSD

Tot Ion:228 Resp: 637986
Ion Ratio Lower Upper
228 100
226 26.9 22.3 33.5
229 19.5 16.2 24.4

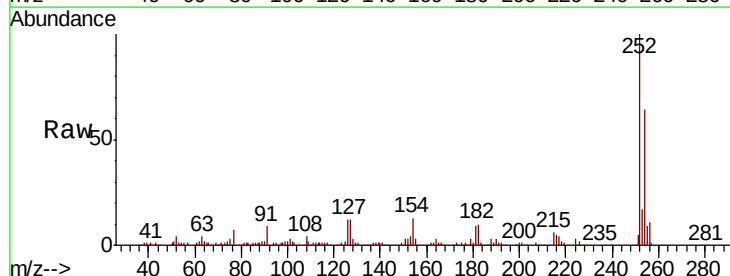


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

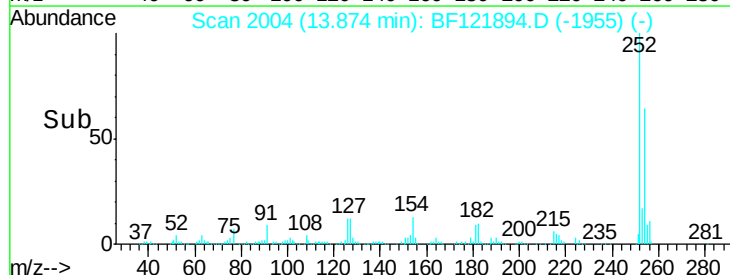
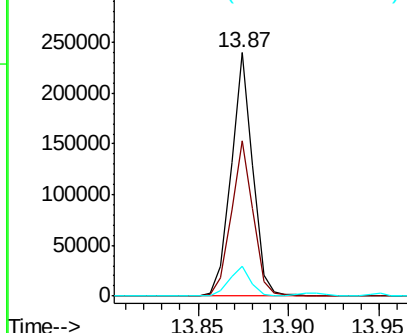


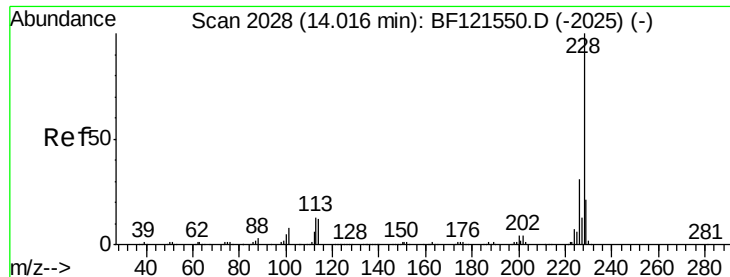
#82
3,3'-Dichlorobenzidine
Concen: 33.262 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

Tgt Ion:252 Resp: 198644
Ion Ratio Lower Upper
252 100
254 63.9 51.8 77.6
126 12.1 8.8 13.2



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





#83

Chrysene

Concen: 39.269 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Instrument :

BNA_F

ClientSampleId :

OWLS-HEAD-BH-04-BMSD

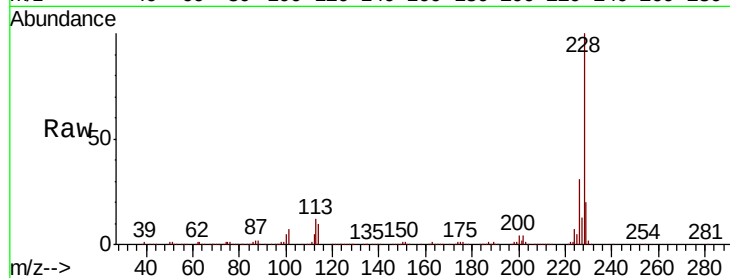
Tot Ion:228 Resp: 608294

Ion Ratio Lower Upper

228 100

226 30.8 24.6 37.0

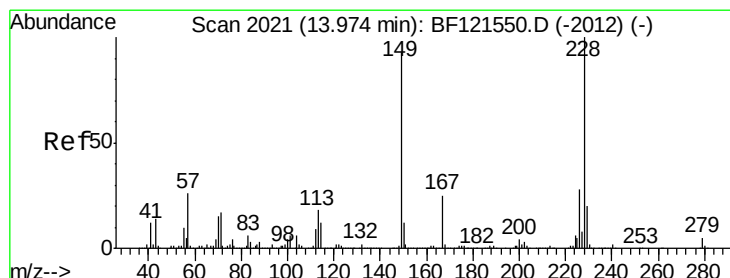
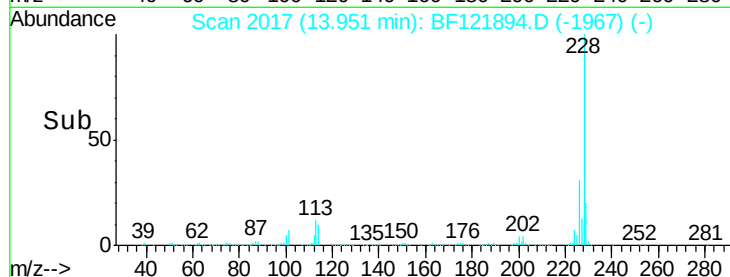
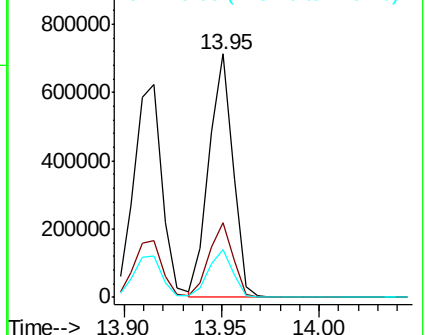
229 19.8 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.326 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

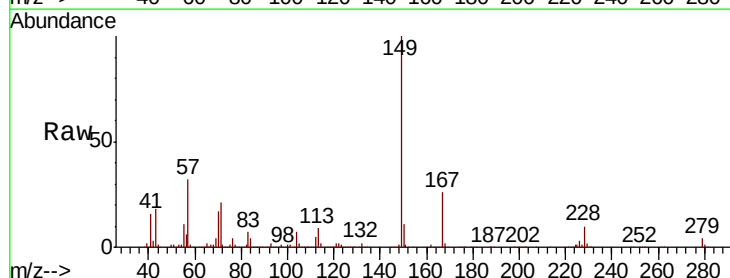
Tgt Ion:149 Resp: 518544

Ion Ratio Lower Upper

149 100

167 26.1 20.9 31.3

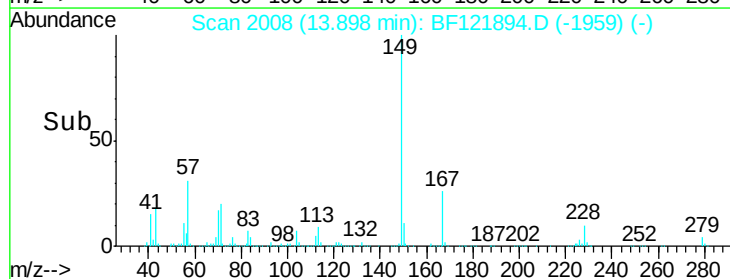
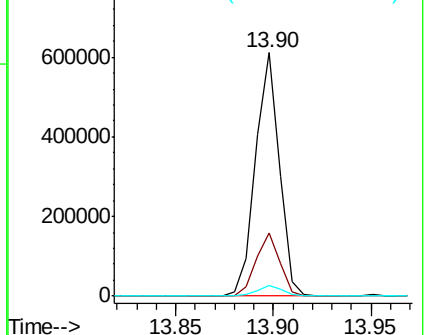
279 4.2 3.2 4.8

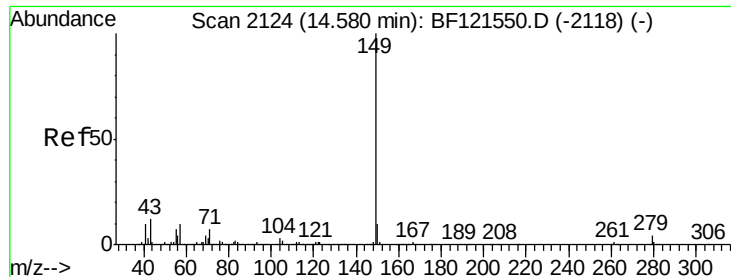


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.567 ng

RT: 14.51 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

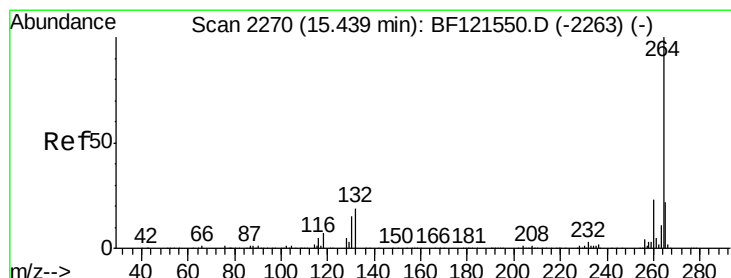
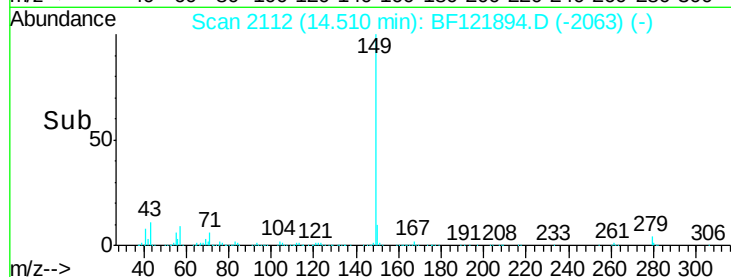
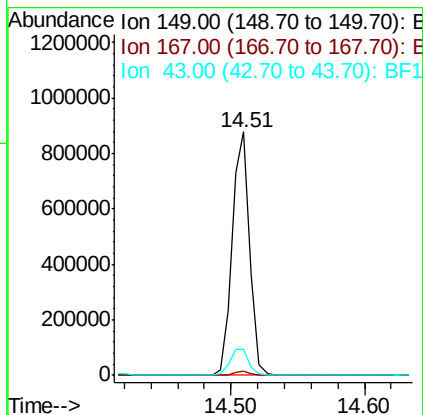
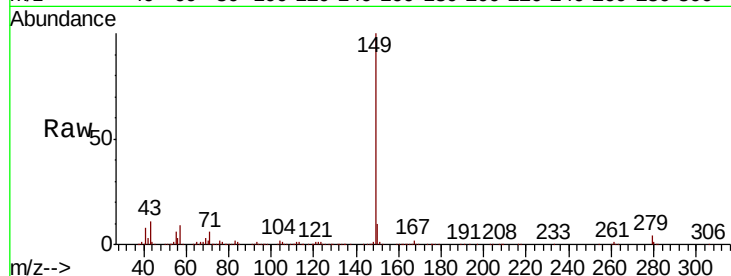
Instrument :

BNA_F

ClientSampleId :

OWLS-HEAD-BH-04-BMSD

Tot Ion:149	Resp:	801265
Ion Ratio	Lower	Upper
149	100	
167	1.6	1.2 1.8
43	11.3	9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

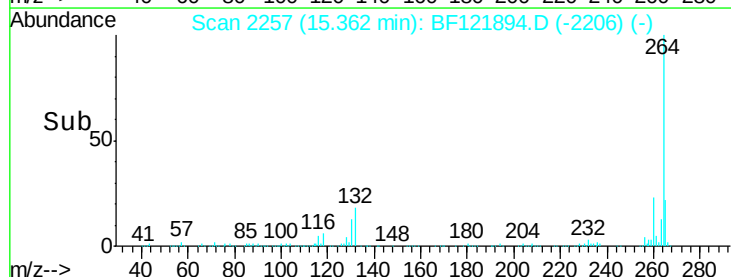
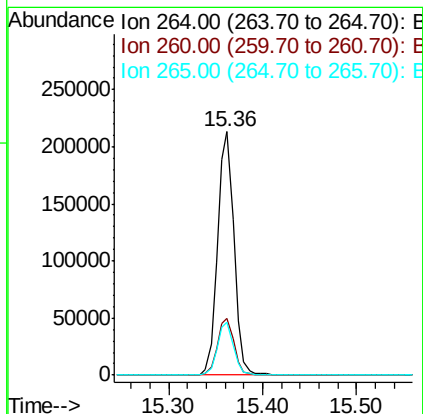
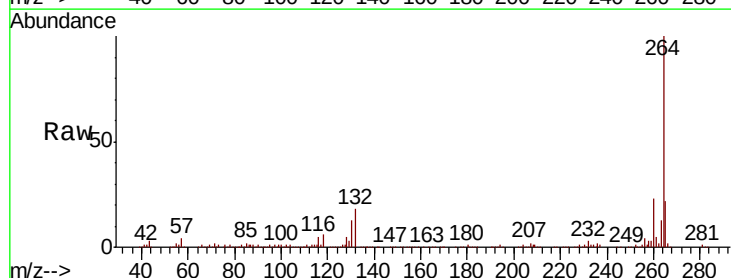
RT: 15.36 min Scan# 2257

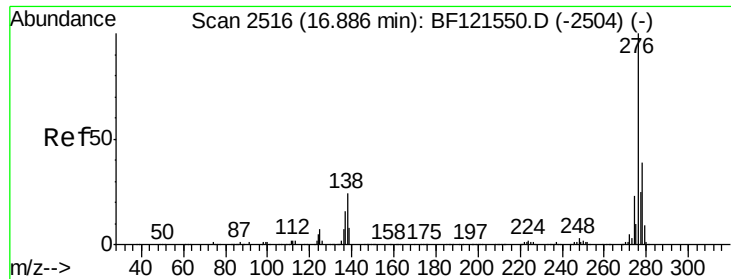
Delta R.T. 0.00 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Tgt Ion:264	Resp:	261623
Ion Ratio	Lower	Upper
264	100	
260	23.5	18.7 28.1
265	21.8	17.3 25.9

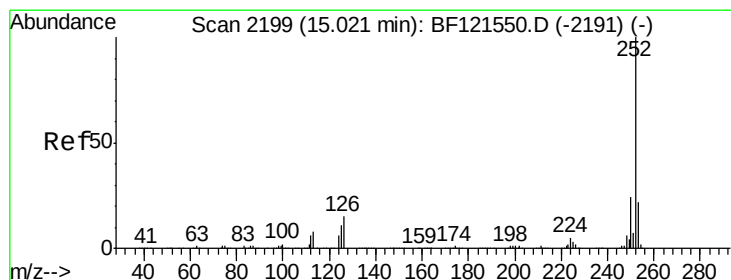
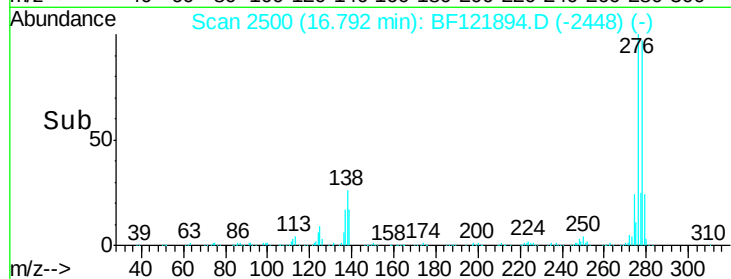
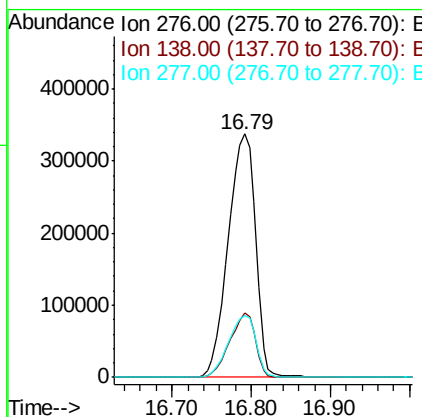
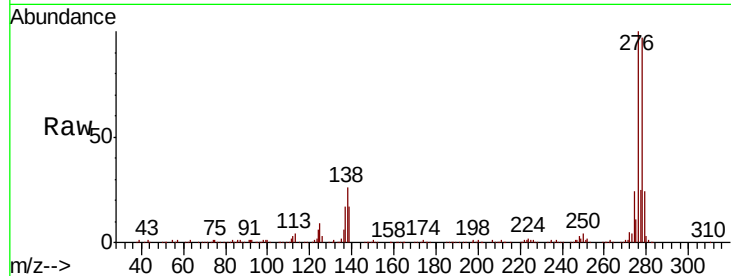




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.341 ng
 RT: 16.79 min Scan# 2500
 Delta R.T. 0.01 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

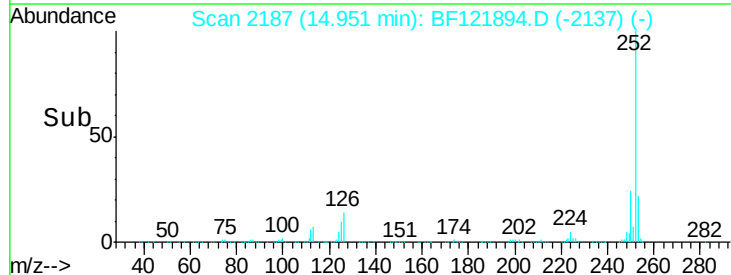
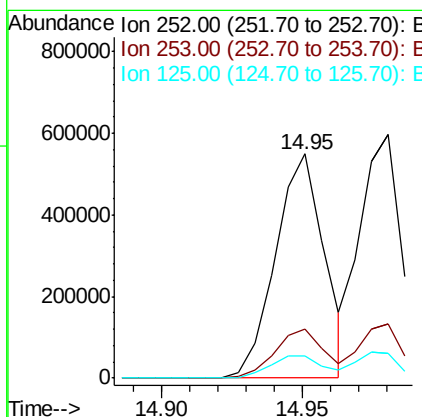
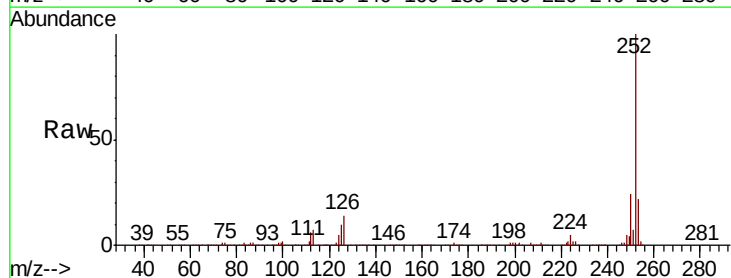
Instrument :
 BNA_F
 ClientSampleId :
 OWLS-HEAD-BH-04-BMSD

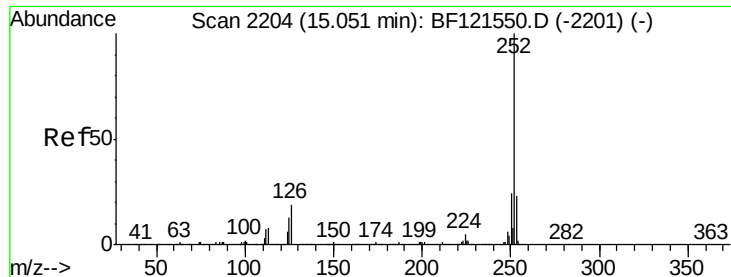
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.9	29.9
277	25.5	20.4	30.6



#88
 Benzo(b)fluoranthene
 Concen: 37.658 ng
 RT: 14.95 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	10.0	8.0	12.0

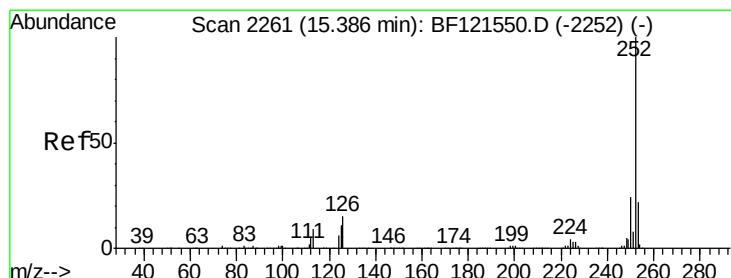
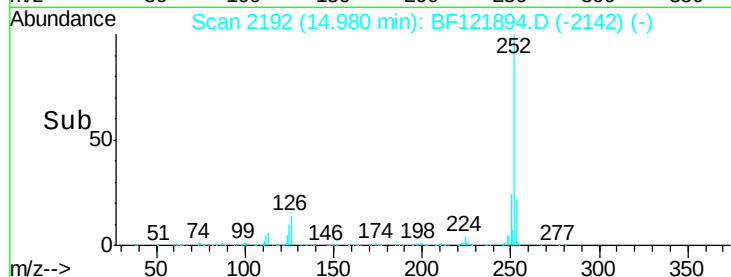
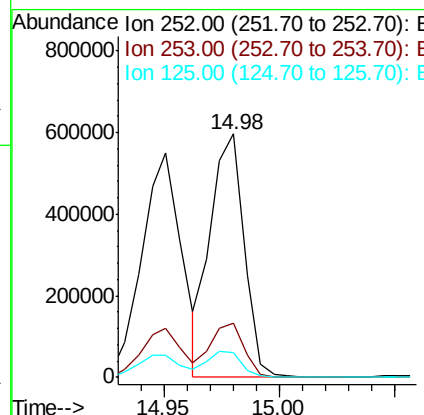
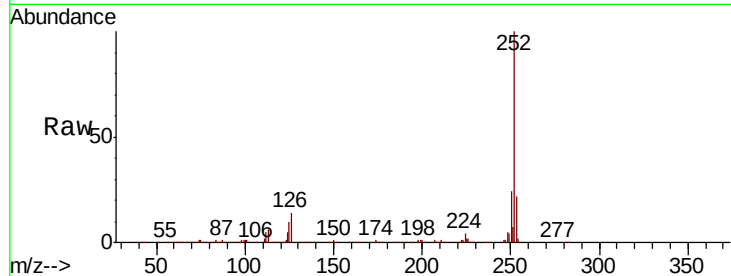




#89
Benzo(k)fluoranthene
Concen: 37.669 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

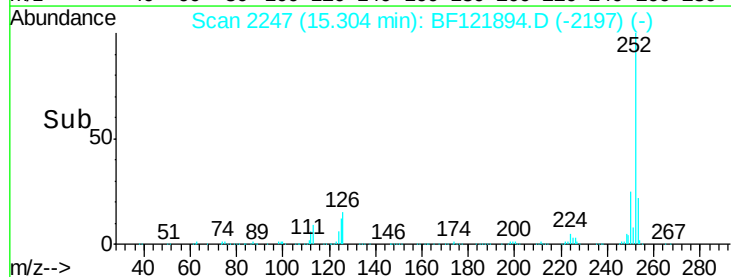
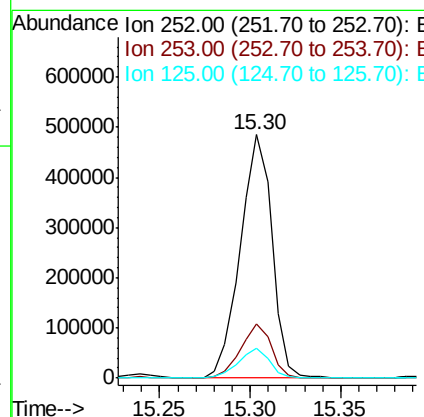
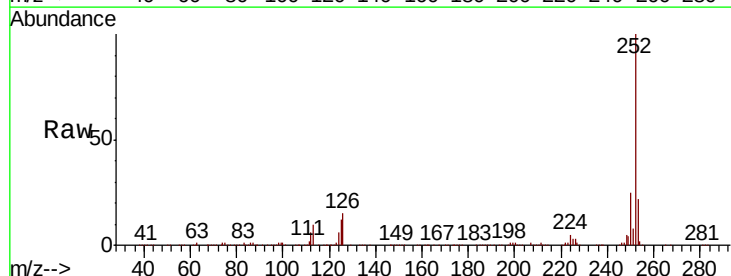
Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-04-BMSD

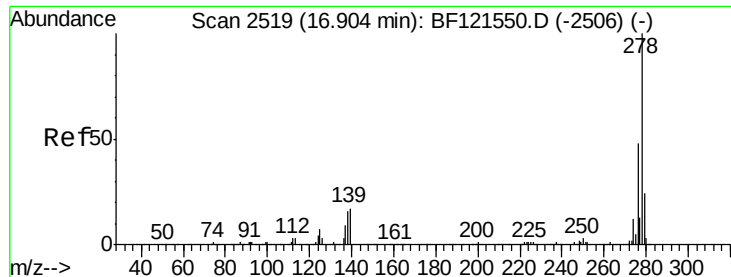
Tot Ion:252 Resp: 603309
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 10.0 7.7 11.5



#90
Benzo(a)pyrene
Concen: 39.603 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

Tgt Ion:252 Resp: 588777
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 12.1 8.6 13.0

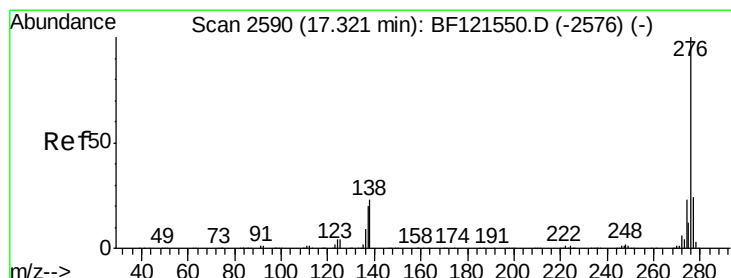
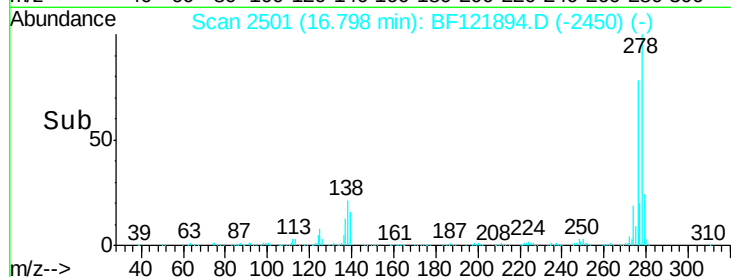
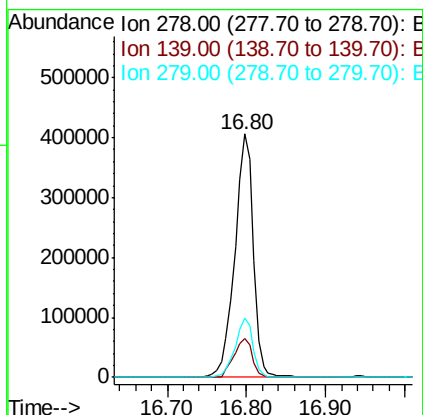
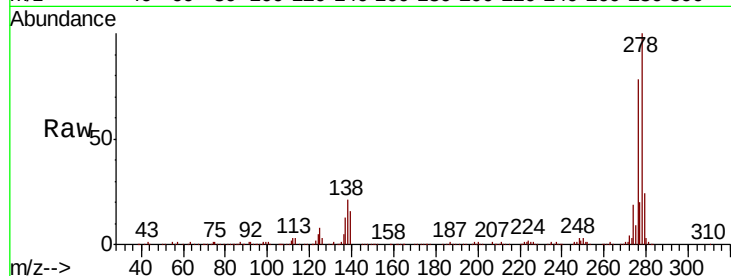




#91
Dibenzo(a,h)anthracene
Concen: 46.224 ng
RT: 16.80 min Scan# 2501
Delta R.T. 0.00 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-04-BMSD

Tot Ion:278 Resp: 655578
Ion Ratio Lower Upper
278 100
139 16.2 13.0 19.4
279 24.3 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 49.513 ng
RT: 17.22 min Scan# 2573
Delta R.T. 0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

Tgt Ion:276 Resp: 690272
Ion Ratio Lower Upper
276 100
277 23.6 19.4 29.2
138 21.3 17.8 26.6

