

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
 Data File : BF121893.D
 Acq On : 8 Oct 2020 17:17
 Operator : JU/CG
 Sample : L4309-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 10/12/2020 11:31:29 AM

Quant Time: Oct 08 19:07:06 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	96759	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	383863	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	197680	20.00	ng	-0.01
64) Phenanthrene-d10	11.29	188	363362	20.00	ng	0.00
76) Chrysene-d12	13.93	240	229630	20.00	ng	0.00
86) Perylene-d12	15.36	264	251032	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	573324	88.06	ng	0.00
7) Phenol-d6	6.41	99	737885	86.39	ng	0.00
23) Nitrobenzene-d5	7.33	82	509753	71.30	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	193282	78.67	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	913762	70.01	ng	-0.01
79) Terphenyl-d14	12.87	244	884387	78.02	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	127395	42.590	ng	99
3) Pyridine	3.23	79	357072	43.182	ng	100
4) n-Nitrosodimethylamine	3.19	42	172378	44.941	ng	99
6) Aniline	6.42	93	294123	26.438	ng	# 7
8) 2-Chlorophenol	6.55	128	323720	48.834	ng	94
9) Benzaldehyde	6.31	77	77177	13.821	ng	96
10) Phenol	6.42	94	411744	45.267	ng	97
11) bis(2-Chloroethyl)ether	6.50	93	324826	47.381	ng	96
12) 1,3-Dichlorobenzene	6.70	146	350159	47.325	ng	99
13) 1,4-Dichlorobenzene	6.77	146	349167	46.999	ng	98
14) 1,2-Dichlorobenzene	6.93	146	330852	48.342	ng	98
15) Benzyl Alcohol	6.91	79	286016	49.264	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	502533	45.553	ng	89
17) 2-Methylphenol	7.03	107	263456	46.709	ng	95
18) Hexachloroethane	7.27	117	128619	48.351	ng	98
19) n-Nitroso-di-n-propylamine	7.18	70	235753	47.889	ng	98
20) 3+4-Methylphenols	7.18	107	334370	49.341	ng	# 74
22) Acetophenone	7.17	105	440470	45.226	ng	# 93
24) Nitrobenzene	7.35	77	355903	46.027	ng	99
25) Isophorone	7.59	82	636230	44.208	ng	100
26) 2-Nitrophenol	7.66	139	169302	46.588	ng	96
27) 2,4-Dimethylphenol	7.70	122	287025	44.679	ng	98
28) bis(2-Chloroethoxy)methane	7.79	93	410053	46.024	ng	99
29) 2,4-Dichlorophenol	7.91	162	272429	46.560	ng	99
30) 1,2,4-Trichlorobenzene	7.99	180	280815	45.569	ng	99
31) Naphthalene	8.07	128	914101	45.111	ng	100
32) Benzoic acid	7.86	122	148421	33.427	ng	97
33) 4-Chloroaniline	8.12	127	144325	16.431	ng	99
34) Hexachlorobutadiene	8.18	225	169647	46.901	ng	97
35) Caprolactam	8.50	113	90361m	46.374	ng	
36) 4-Chloro-3-methylphenol	8.62	107	292157	46.351	ng	100
37) 2-Methylnaphthalene	8.76	142	606650	45.683	ng	99
38) 1-Methylnaphthalene	8.86	142	556782	45.051	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	286574	46.410	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	126861	35.976	nq	96
43) 2,4,6-Trichlorophenol	9.05	196	186108	44.218	nq	100
44) 2,4,5-Trichlorophenol	9.09	196	199240	44.778	nq	98
46) 1,1'-Biphenyl	9.22	154	724377	45.773	nq	99
47) 2-Chloronaphthalene	9.25	162	567311	45.491	nq	100
48) 2-Nitroaniline	9.35	65	192106	49.571	nq	97
49) Acenaphthylene	9.66	152	875137	45.672	nq	100
50) Dimethylphthalate	9.53	163	788056	55.003	nq	99
51) 2,6-Dinitrotoluene	9.59	165	149263	48.918	nq	94
52) Acenaphthene	9.83	154	518538	42.846	nq	99
53) 3-Nitroaniline	9.76	138	82373	23.304	nq	99
54) 2,4-Dinitrophenol	9.88	184	102655	60.781	nq	93
55) Dibenzofuran	10.00	168	746198	43.782	nq	99
56) 4-Nitrophenol	9.95	139	183723	65.174	nq	87
57) 2,4-Dinitrotoluene	10.00	165	188297	49.052	nq	# 90
58) Fluorene	10.35	166	612872	47.022	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	161008	44.511	nq	97
60) Diethylphthalate	10.22	149	671355	48.060	nq	99
61) 4-Chlorophenyl-phenylether	10.34	204	297754	47.690	nq	97
62) 4-Nitroaniline	10.37	138	142504	40.603	nq	96
63) Azobenzene	10.50	77	682510	45.880	nq	99
65) 4,6-Dinitro-2-methylphenol	10.41	198	88078	40.715	nq	87
66) n-Nitrosodiphenylamine	10.46	169	576187	46.220	nq	99
67) 4-Bromophenyl-phenylether	10.83	248	197722	47.793	nq	99
68) Hexachlorobenzene	10.90	284	214581	45.961	nq	97
69) Atrazine	10.99	200	145445	46.961	nq	99
70) Pentachlorophenol	11.10	266	163046	63.590	nq	98
71) Phenanthrene	11.31	178	898198	45.369	nq	100
72) Anthracene	11.36	178	922987	45.178	nq	99
73) Carbazole	11.52	167	814481	44.178	nq	99
74) Di-n-butylphthalate	11.85	149	1049650	49.329	nq	100
75) Fluoranthene	12.50	202	902231	42.692	nq	99
77) Benzidine	12.62	184	403090	52.950	nq	99
78) Pyrene	12.73	202	883800	52.678	nq	99
80) Butylbenzylphthalate	13.34	149	393913	58.053	nq	98
81) Benzo(a)anthracene	13.92	228	714059	49.152	nq	100
82) 3,3'-Dichlorobenzidine	13.87	252	214035	37.738	nq	99
83) Chrysene	13.95	228	676131	45.961	nq	100
84) Bis(2-ethylhexyl)phthalate	13.90	149	557086	61.457	nq	99
85) Di-n-octyl phthalate	14.51	149	878352	54.906	nq	100
87) Indeno(1,2,3-cd)pyrene	16.79	276	918253	56.169	nq	100
88) Benzo(b)fluoranthene	14.95	252	715453	42.633	nq	99
89) Benzo(k)fluoranthene	14.98	252	699350	45.508	nq	99
90) Benzo(a)pyrene	15.30	252	673135	47.188	nq	98
91) Dibenzo(a,h)anthracene	16.80	278	751194	55.200	nq	99
92) Benzo(g,h,i)perylene	17.22	276	788992	58.982	nq	99

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

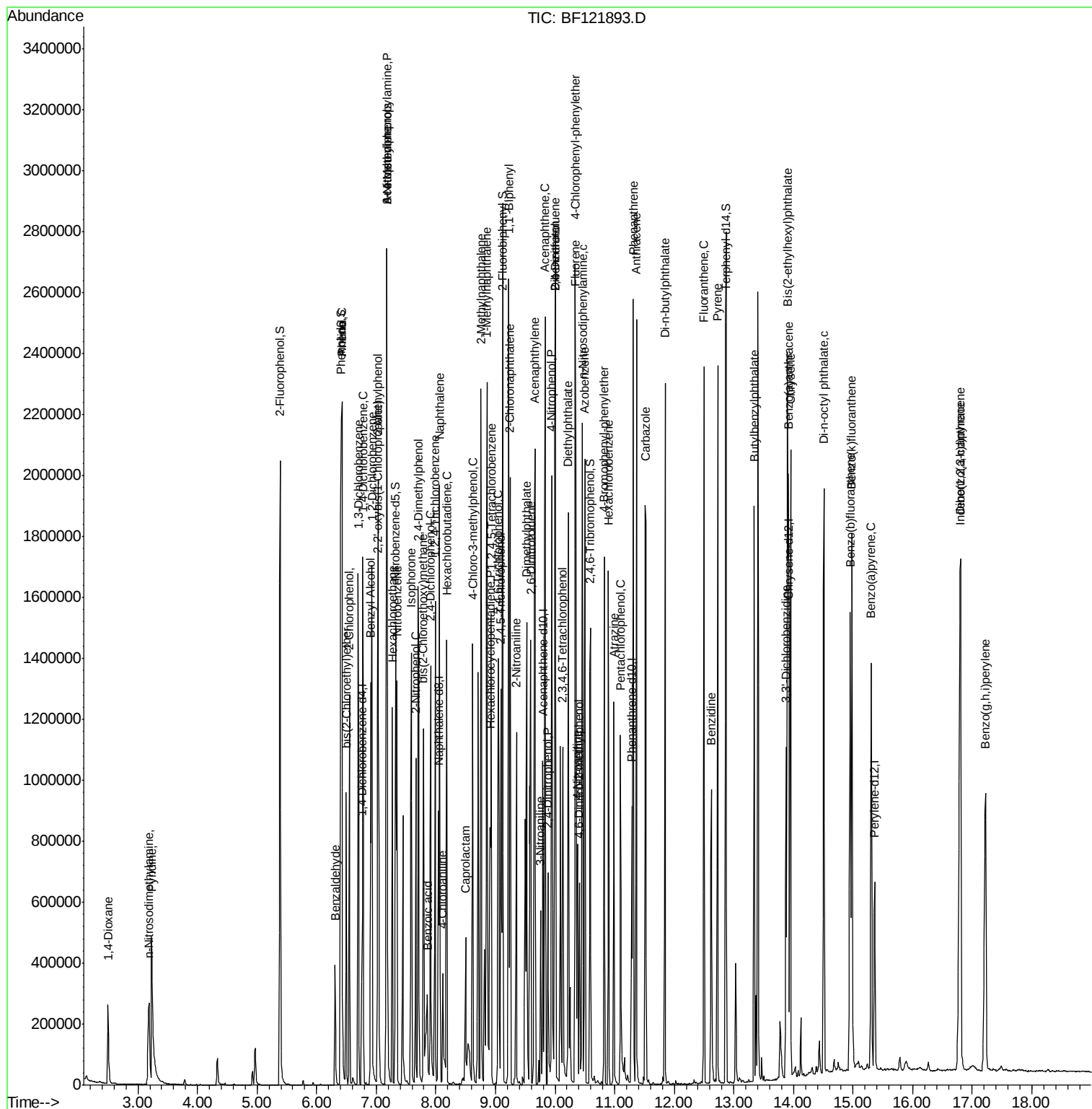
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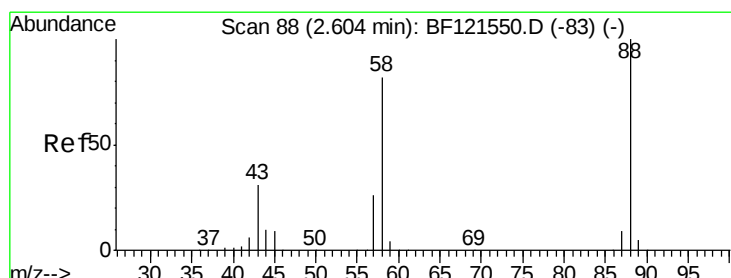
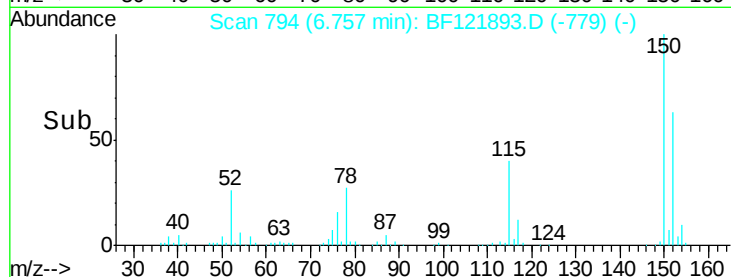
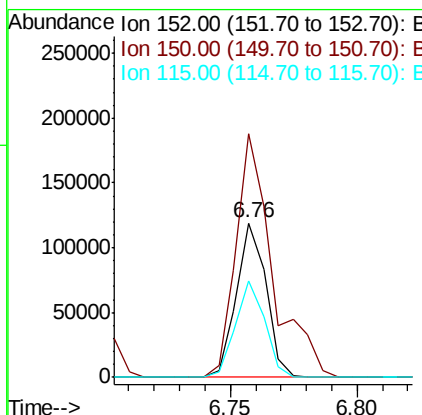
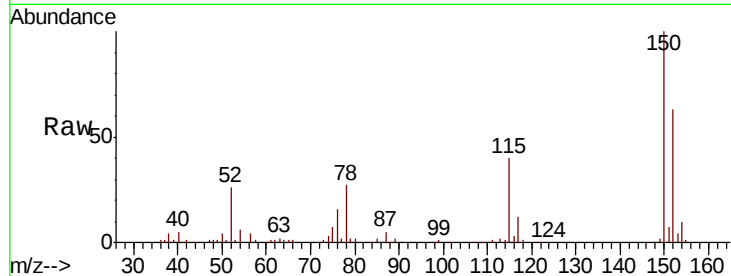
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF121893.D
 Acq: 8 Oct 2020 17:17

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	125.3	187.9
115	62.8	51.9	77.9

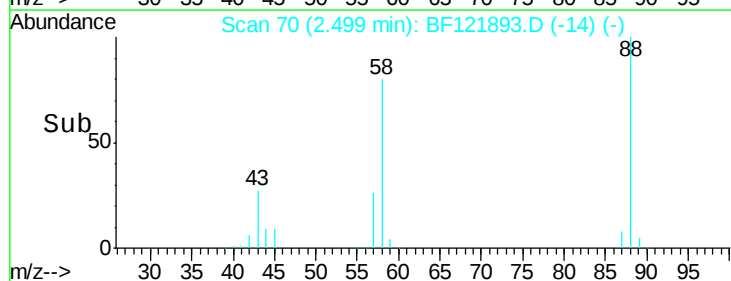
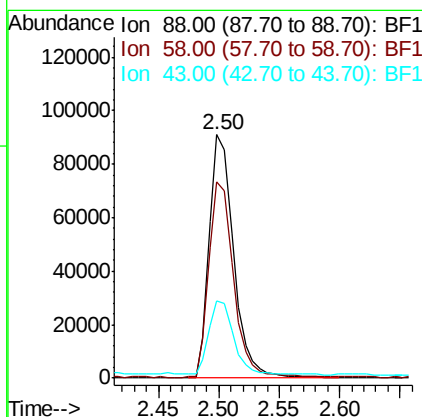
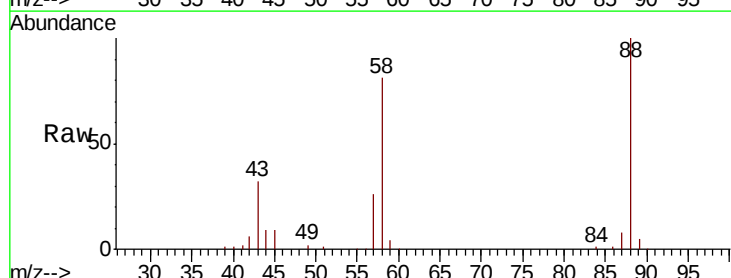
Manual Integrations
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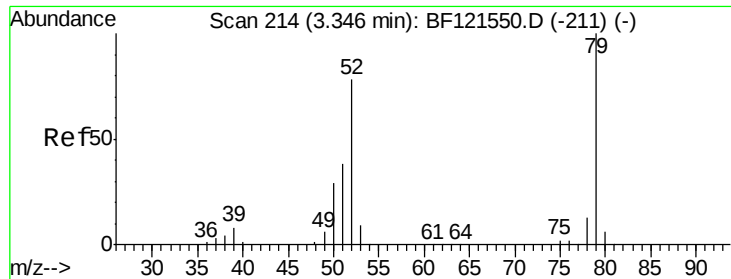
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#2
 1,4-Dioxane
 Concen: 42.590 ng
 RT: 2.50 min Scan# 70
 Delta R.T. 0.03 min
 Lab File: BF121893.D
 Acq: 8 Oct 2020 17:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.5	65.8	98.8
43	31.0	25.8	38.8





#3

Pvridine

Concen: 43.182 ng

RT: 3.23 min Scan# 194

Delta R.T. 0.04 min

Lab File: BF121893.D

Acq: 8 Oct 2020 17:17

Instrument :

BNA_F

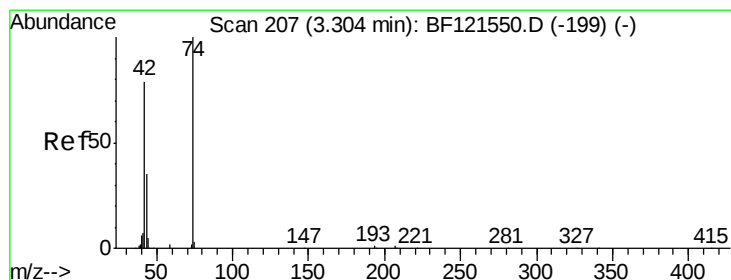
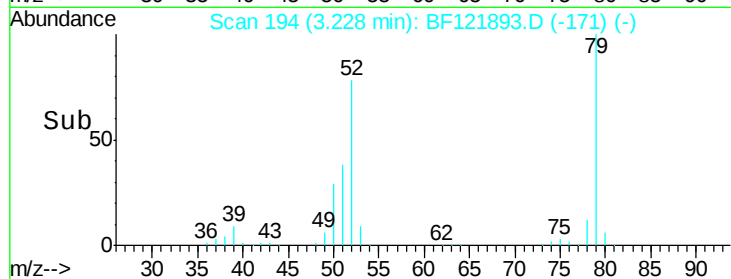
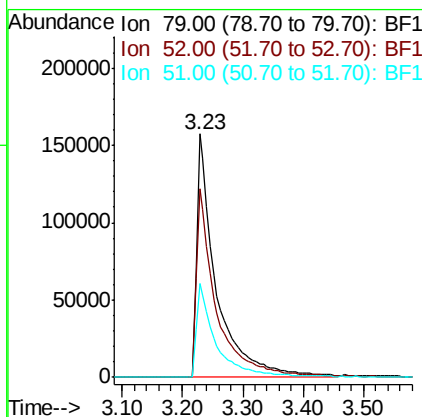
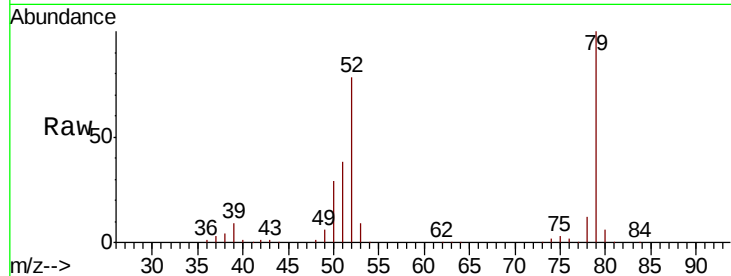
ClientSampleId :

OWLS-HEAD-BH-04-BMS

Tot Ion:	79	Resp:	357072
Ion Ratio	Lower	Upper	
79	100		
52	77.7	62.2	93.4
51	38.5	31.1	46.7

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#4

n-Nitrosodimethylamine

Concen: 44.941 ng

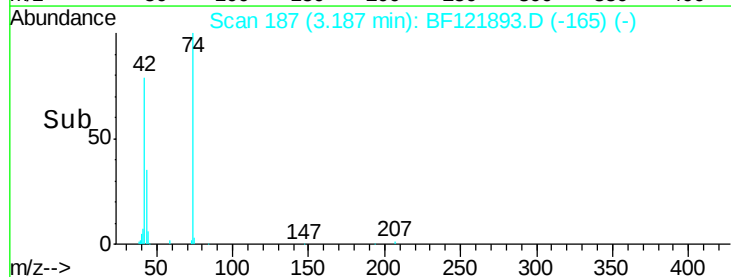
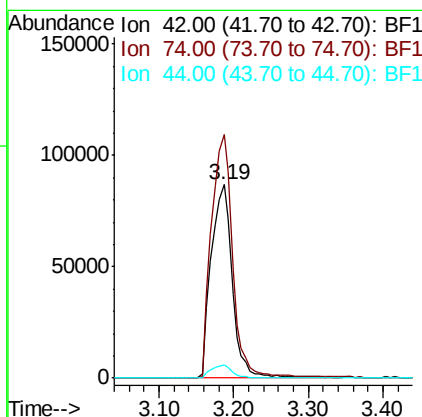
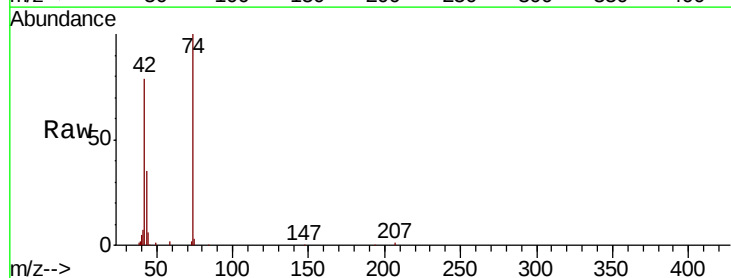
RT: 3.19 min Scan# 187

Delta R.T. 0.03 min

Lab File: BF121893.D

Acq: 8 Oct 2020 17:17

Tgt Ion:	42	Resp:	172378
Ion Ratio	Lower	Upper	
42	100		
74	125.8	100.2	150.2
44	7.0	5.8	8.6





#5

2-Fluorophenol

Concen: 88.057 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF121893.D

Acq: 8 Oct 2020 17:17

Instrument :

BNA_F

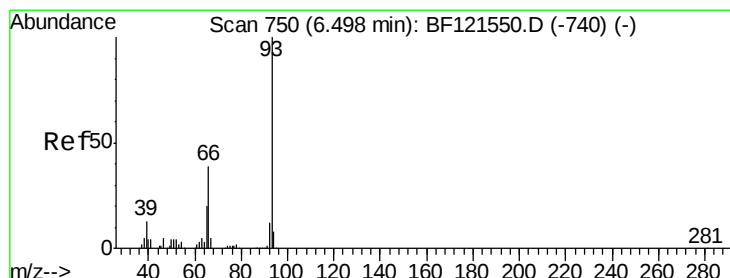
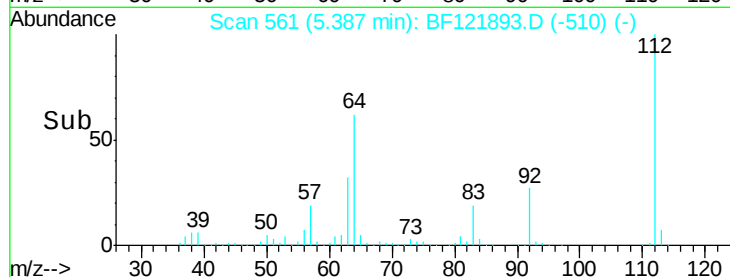
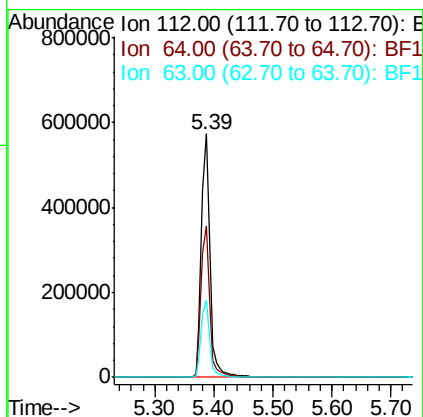
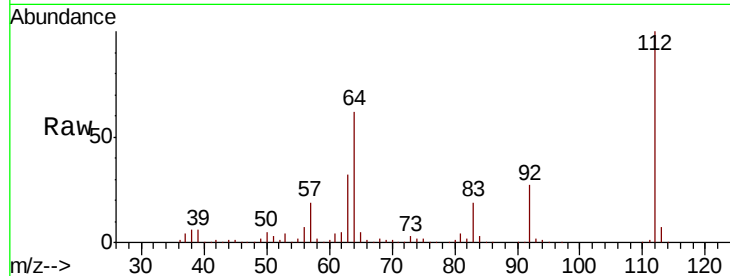
ClientSampleId :

OWLS-HEAD-BH-04-BMS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	573324		
64	62.2	50.4	75.6	
63	31.7	25.8	38.6	

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#6

Aniline

Concen: 26.438 ng

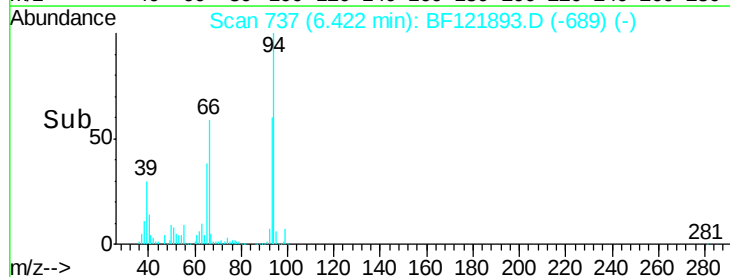
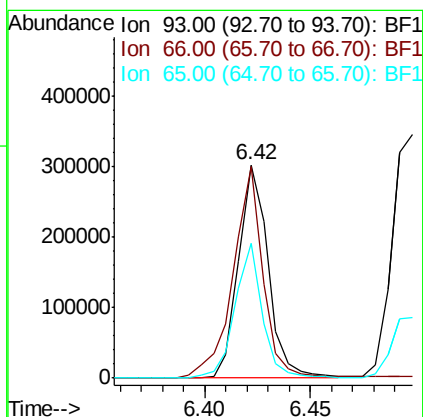
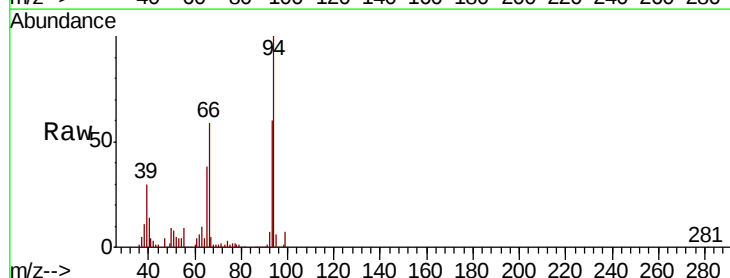
RT: 6.42 min Scan# 737

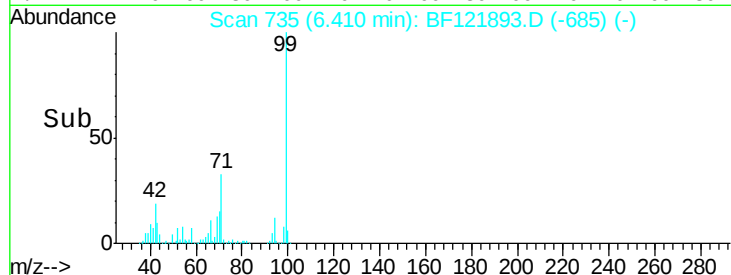
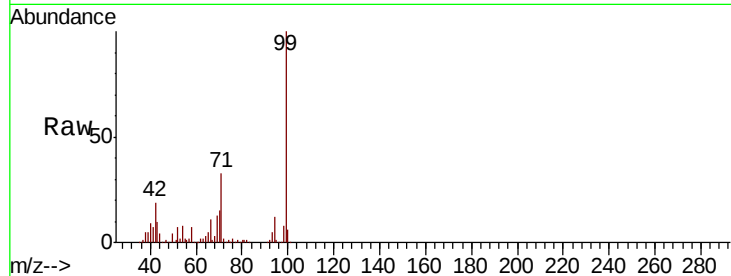
Delta R.T. -0.02 min

Lab File: BF121893.D

Acq: 8 Oct 2020 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	294123		
66	99.5	32.7	49.1#	
65	63.3	16.6	24.8#	





#7

Phenol-d6

Concen: 86.385 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF121893.D

Acq: 8 Oct 2020 17:17

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		737885		
42	19.5	15.9	23.9		
71	33.2	27.1	40.7		

Instrument :

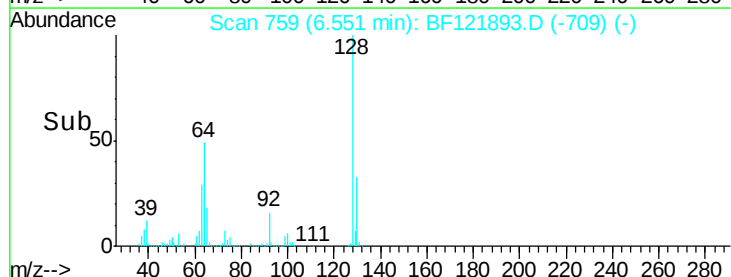
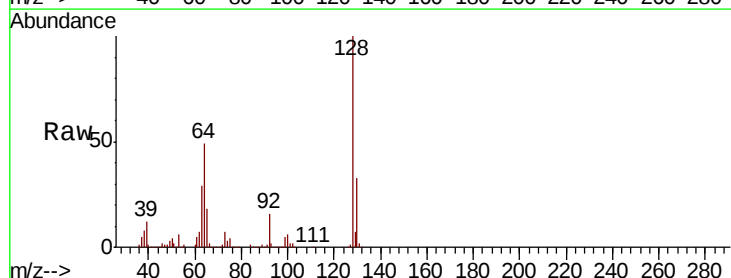
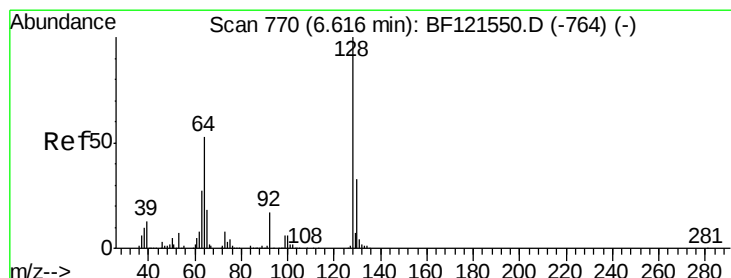
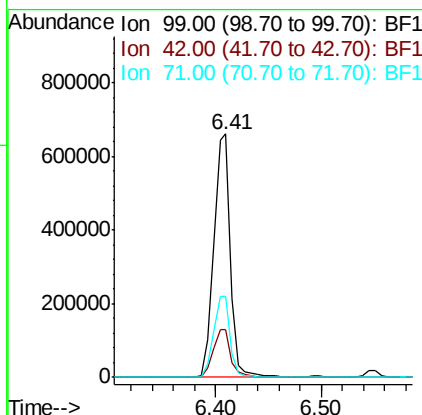
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#8

2-Chlorophenol

Concen: 48.834 ng

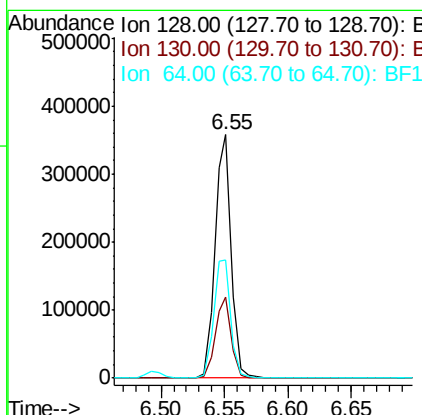
RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF121893.D

Acq: 8 Oct 2020 17:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		323720		
130	33.2	12.4	52.4		
64	48.7	34.8	74.8		





#9

Benzaldehyde

Concen: 13.821 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF121893.D

Acq: 8 Oct 2020 17:17

Instrument :

BNA_F

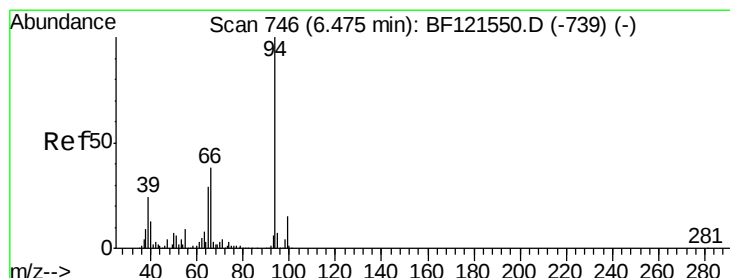
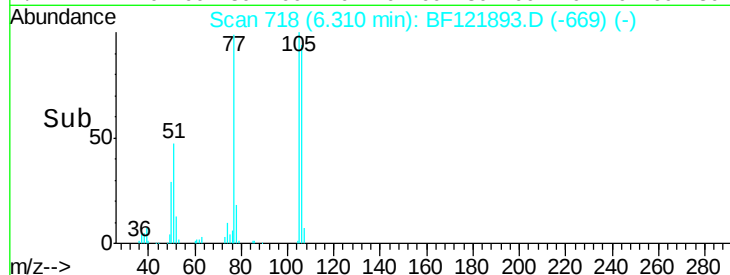
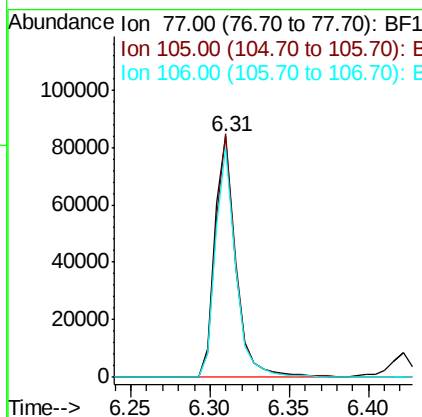
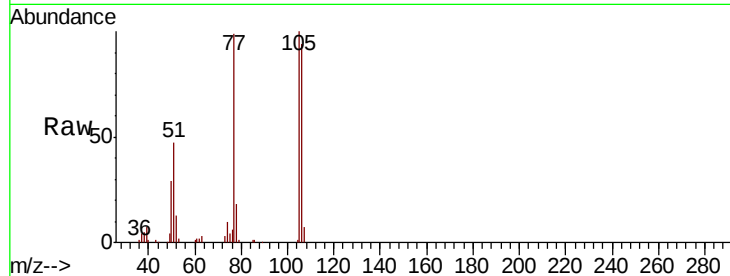
ClientSampleId :

OWLS-HEAD-BH-04-BMS

Tot Ion:	77	Resp:	77177
Ion	Ratio	Lower	Upper
77	100		
105	101.0	76.7	116.7
106	95.4	71.3	111.3

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#10

Phenol

Concen: 45.267 ng

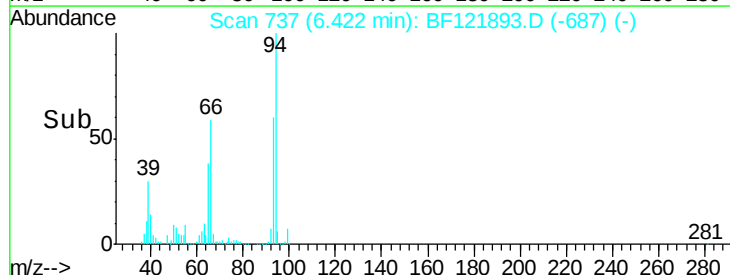
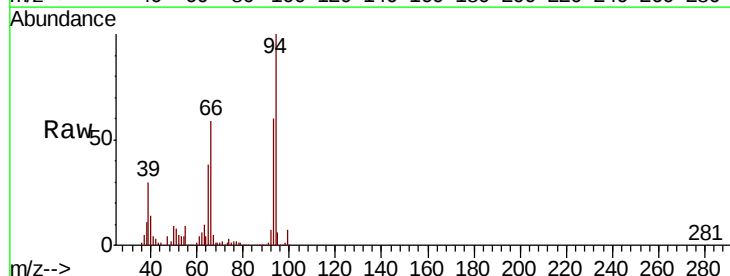
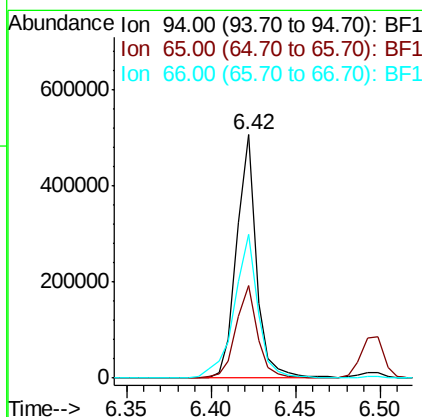
RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF121893.D

Acq: 8 Oct 2020 17:17

Tgt Ion:	94	Resp:	411744
Ion	Ratio	Lower	Upper
94	100		
65	37.8	17.1	57.1
66	59.3	36.0	76.0





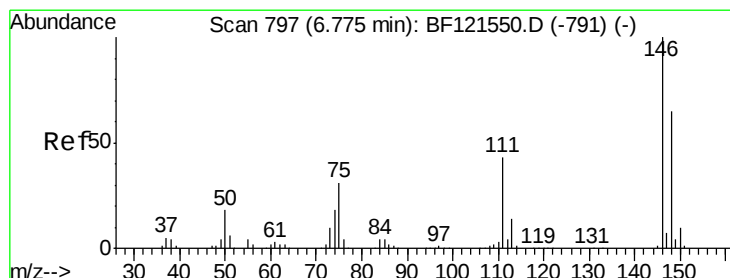
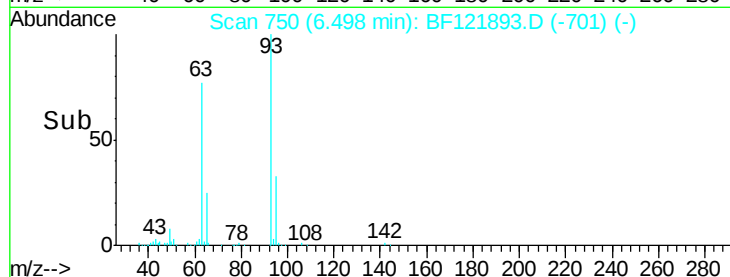
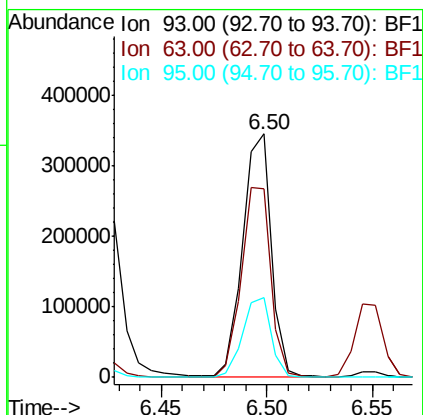
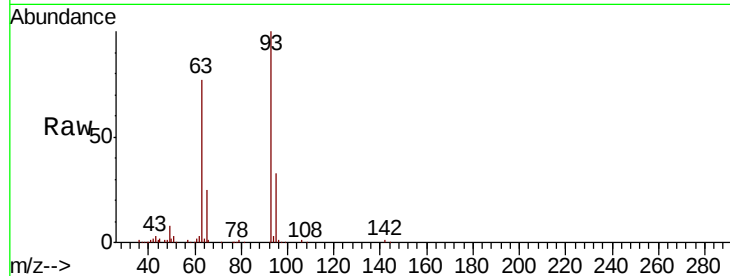
#11
bis(2-Chloroethyl)ether
Concen: 47.381 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

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

Tot Ion:	93	Resp:	324826
Ion Ratio	Lower	Upper	
93	100		
63	77.4	62.4	102.4
95	32.8	12.6	52.6

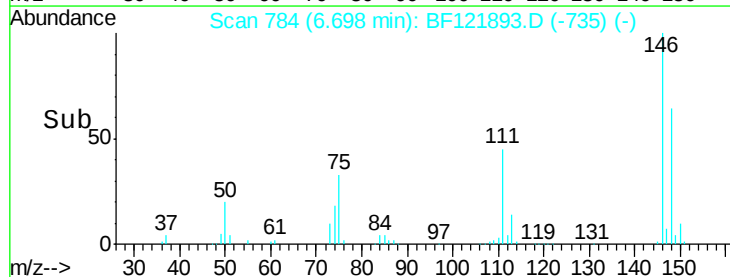
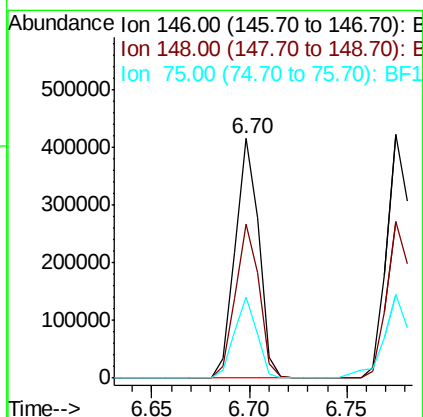
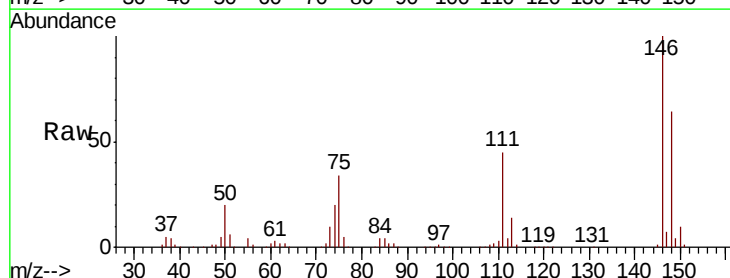
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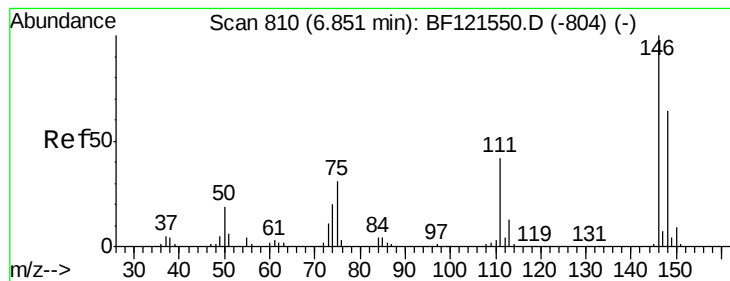
mohammad
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#12
1,3-Dichlorobenzene
Concen: 47.325 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

Tgt Ion:	146	Resp:	350159
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.0	76.4
75	33.6	27.6	41.4





#13

1,4-Dichlorobenzene

Concen: 46.999 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF121893.D

Acq: 8 Oct 2020 17:17

Instrument :

BNA_F

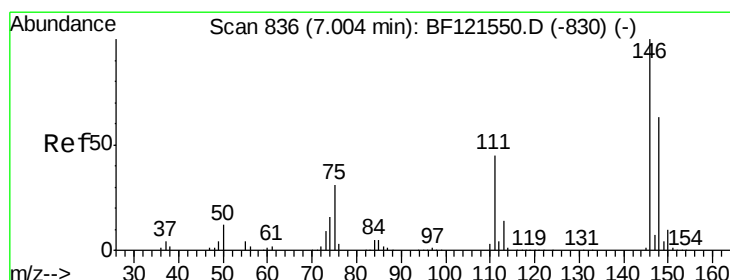
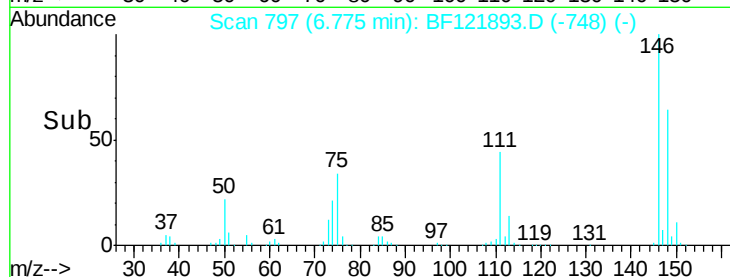
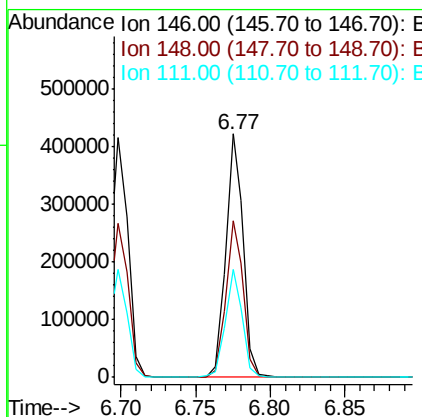
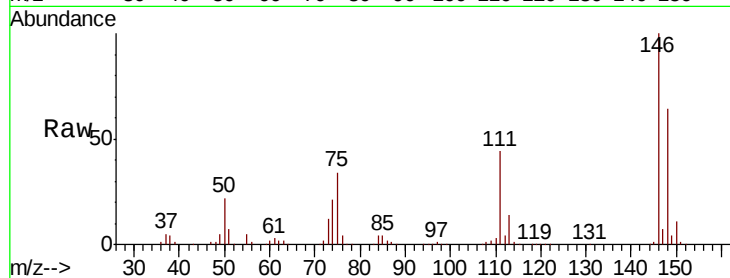
ClientSampleId :

OWLS-HEAD-BH-04-BMS

Tot Ion:	146	Resp:	349167
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.1	75.1
111	44.3	34.6	52.0

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#14

1,2-Dichlorobenzene

Concen: 48.342 ng

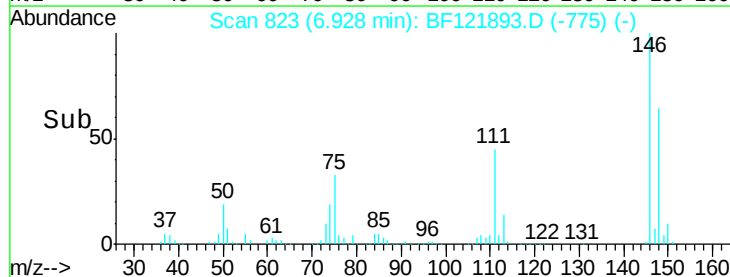
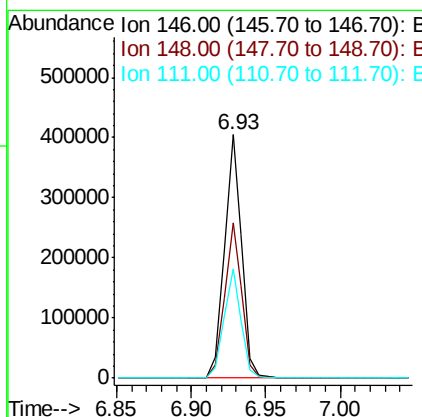
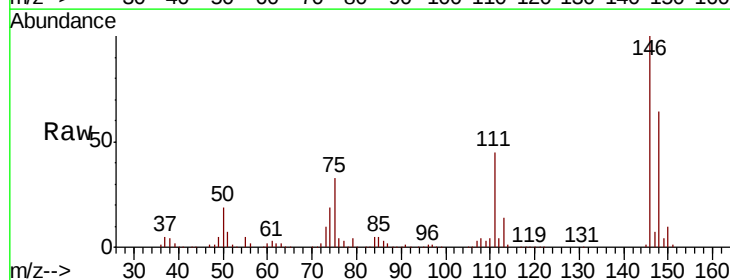
RT: 6.93 min Scan# 823

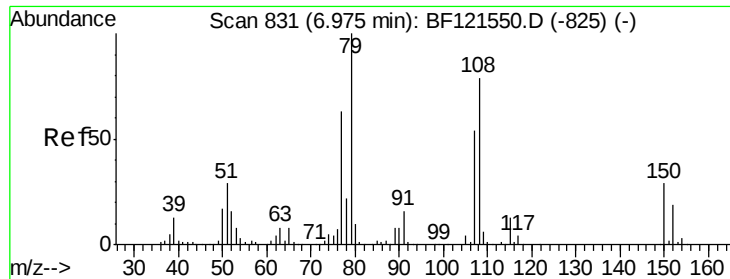
Delta R.T. -0.02 min

Lab File: BF121893.D

Acq: 8 Oct 2020 17:17

Tgt Ion:	146	Resp:	330852
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.1	76.7
111	45.0	34.2	51.4





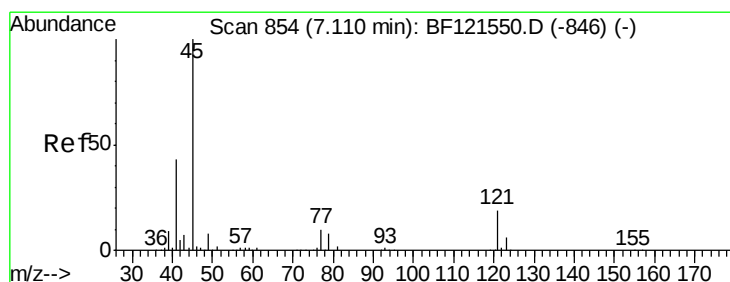
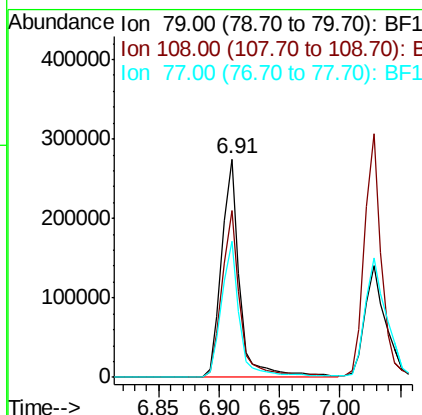
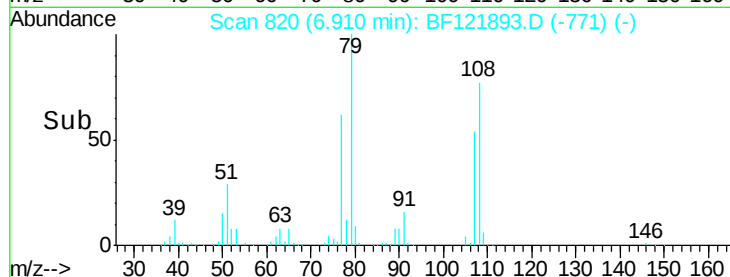
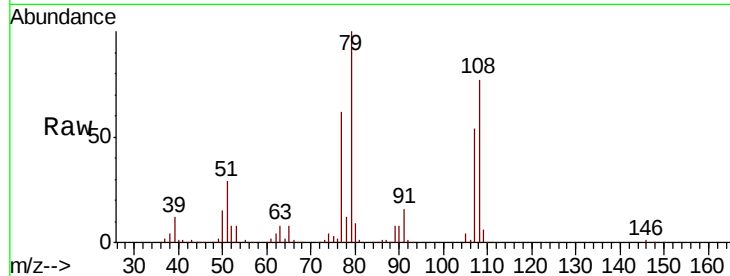
#15
Benzyl Alcohol
Concen: 49.264 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

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

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.6	62.3	93.5
77	62.1	50.6	75.8

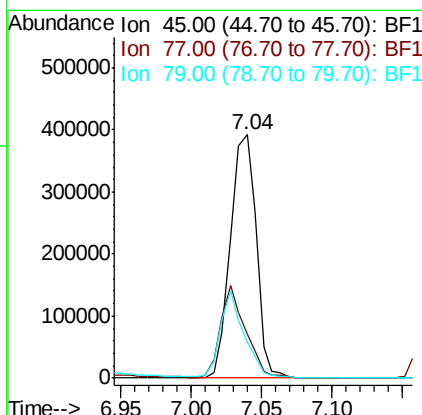
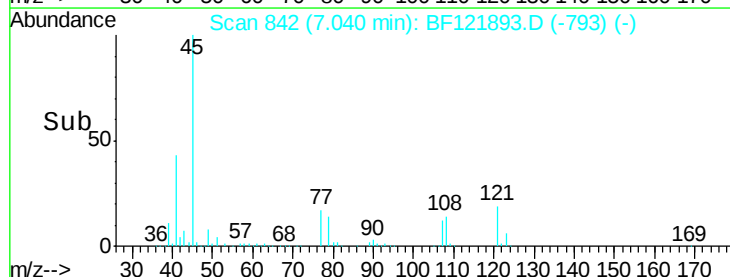
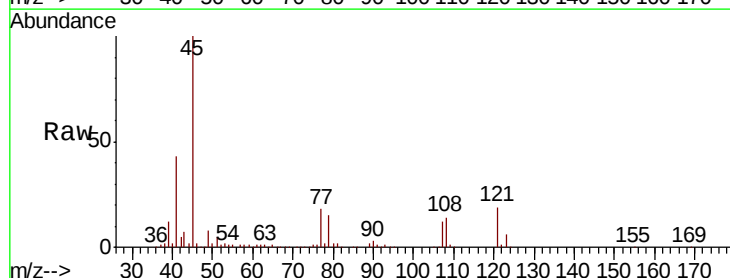
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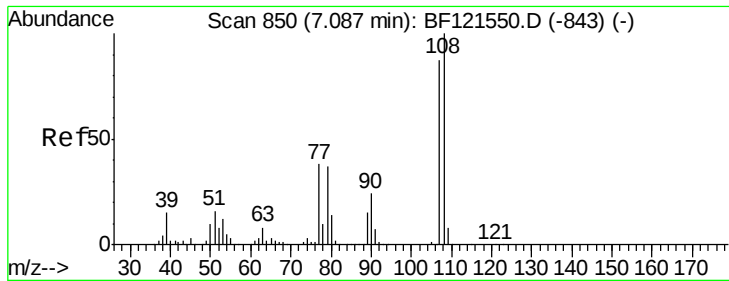
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.553 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.8	0.0	33.3
79	14.8	0.0	30.4





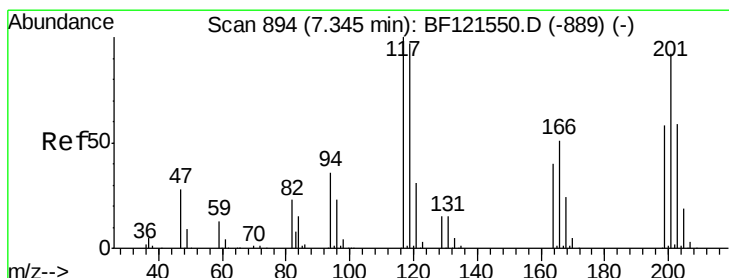
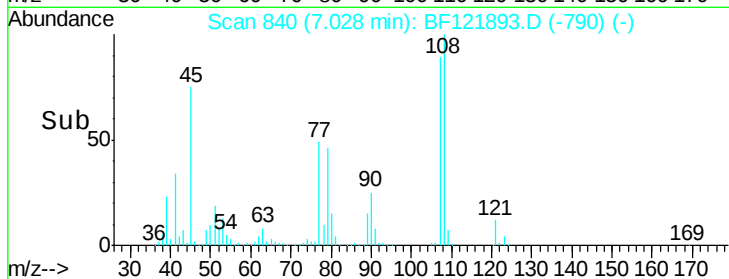
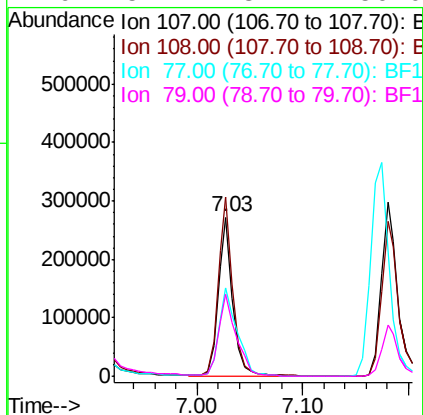
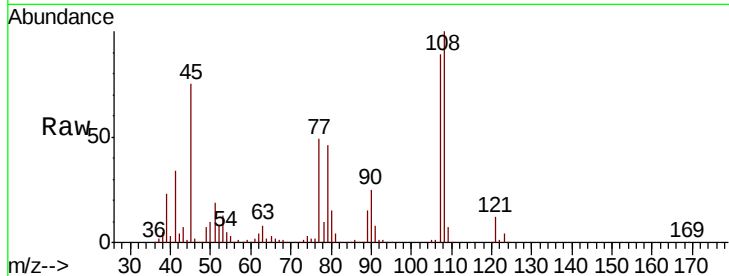
#17
2-Methylphenol
Concen: 46.709 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.5	90.9	136.3	
77	55.2	37.5	56.3	
79	51.7	37.4	56.0	

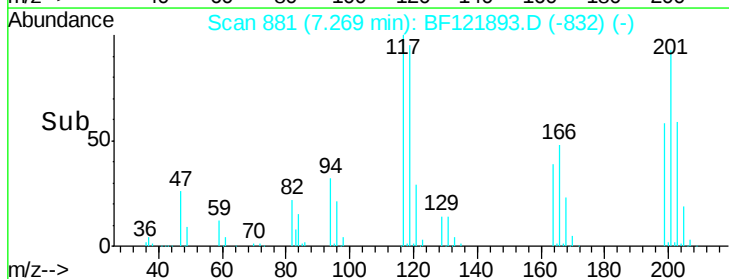
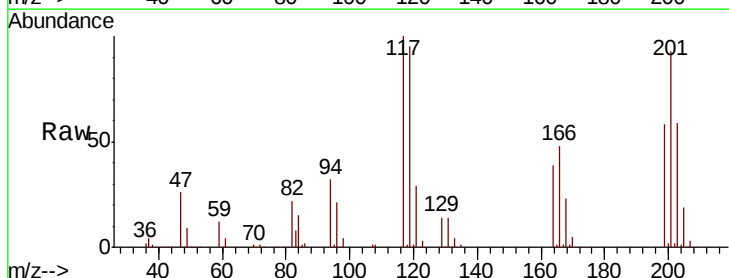
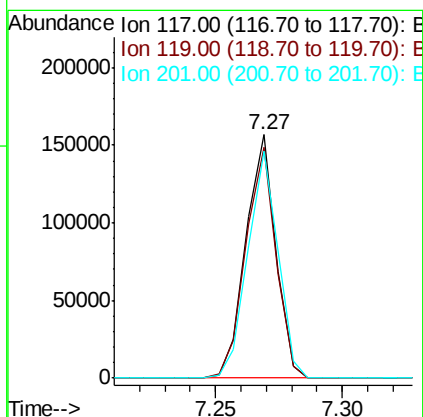
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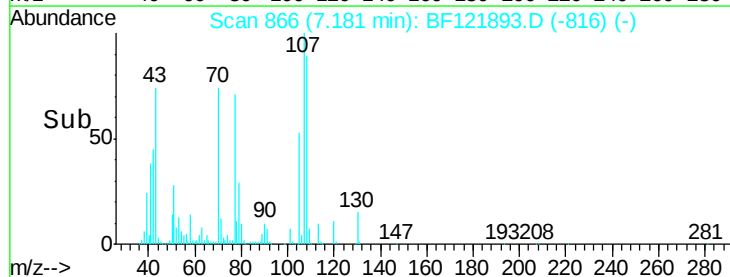
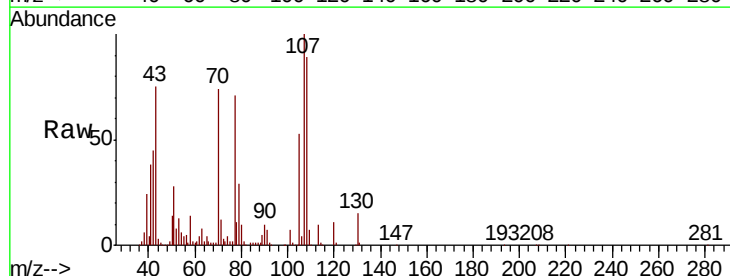
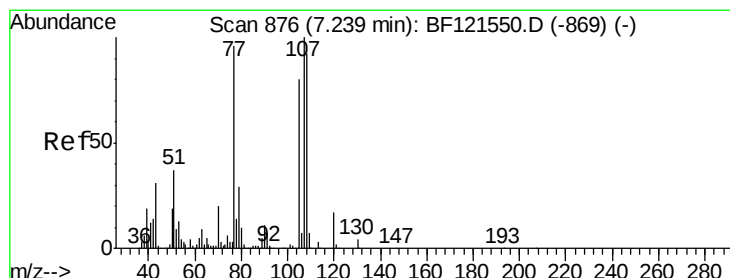
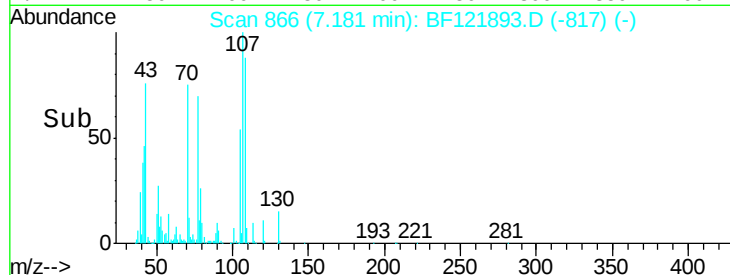
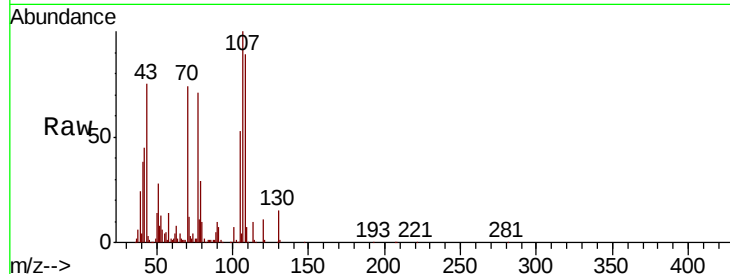
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#18
Hexachloroethane
Concen: 48.351 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.9	76.3	114.5	
201	93.3	71.8	107.6	





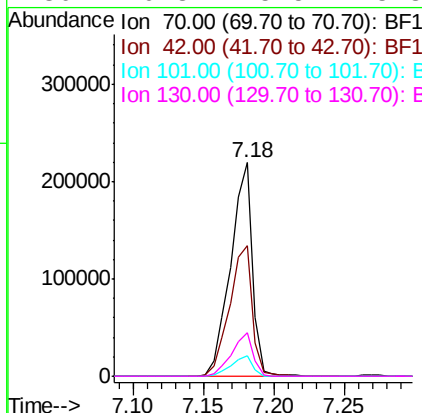
#19
n-Nitroso-di-n-propylamine
Concen: 47.889 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.4	50.2	75.4
101	9.6	7.5	11.3
130	20.3	15.5	23.3

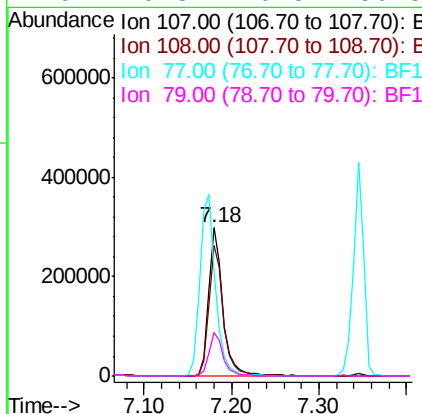
Manual Integrations
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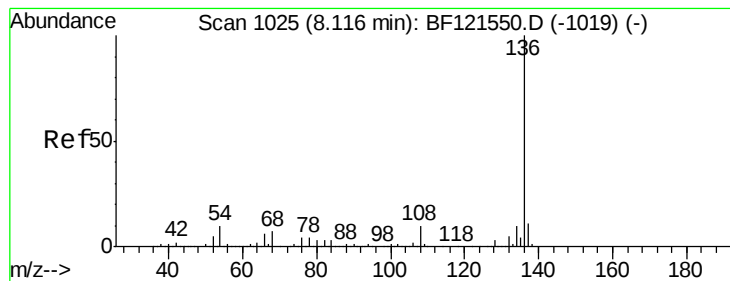
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#20
3+4-Methylphenols
Concen: 49.341 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	68.9	108.9
77	71.0	108.0	148.0
79	29.3	10.5	50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF121893.D

Acq: 8 Oct 2020 17:17

Instrument :

BNA_F

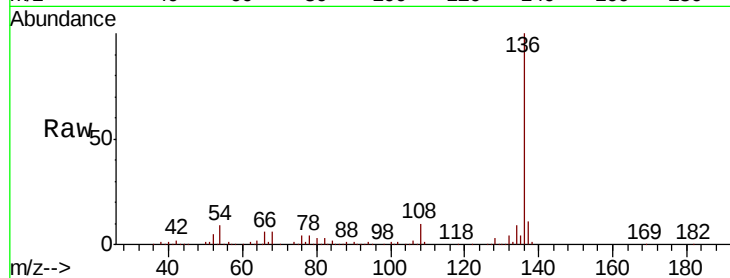
ClientSampleId :

OWLS-HEAD-BH-04-BMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.6	13.0	
54	8.9	7.1	10.7	
68	6.5	5.0	7.4	

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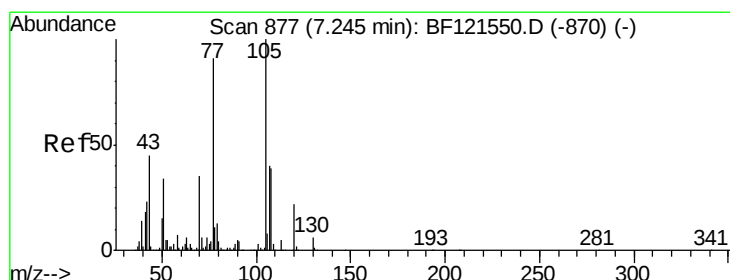
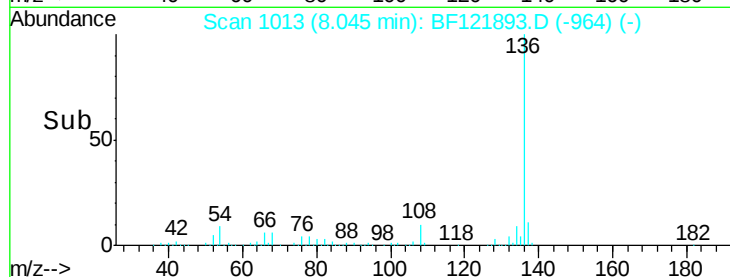
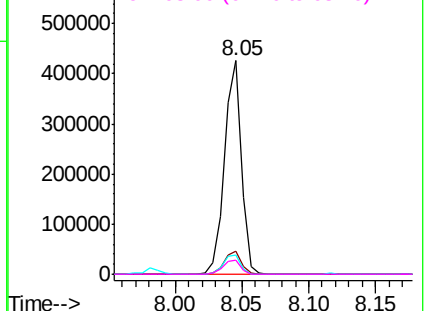
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 45.226 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF121893.D

Acq: 8 Oct 2020 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.9	5.3	7.9#	
51	34.4	33.2	49.8	
120	21.8	17.4	26.0	

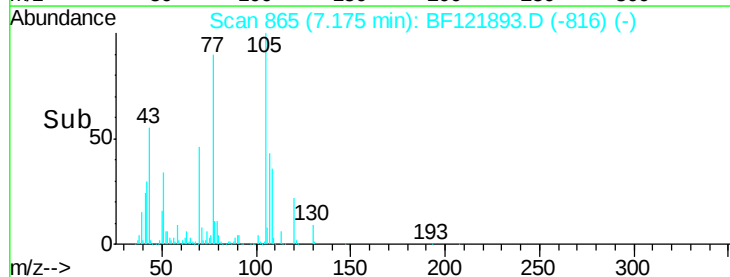
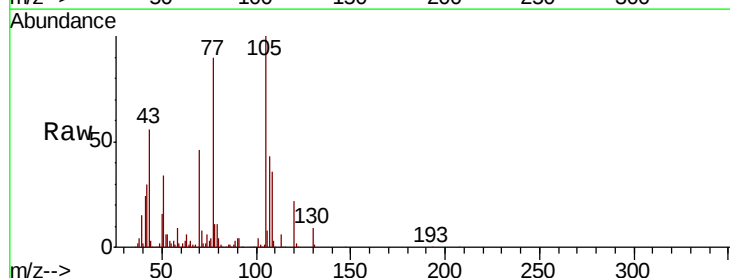
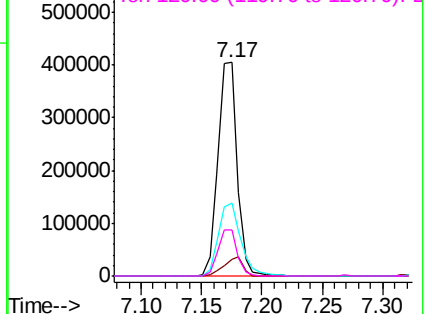
Abundance

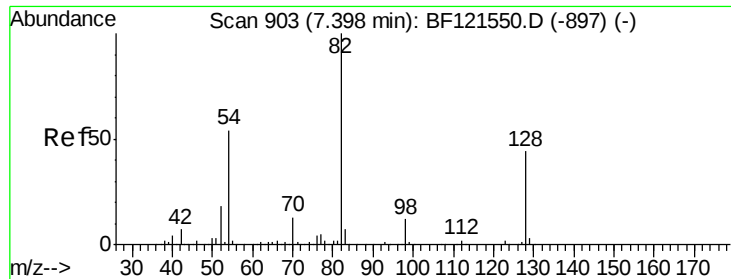
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





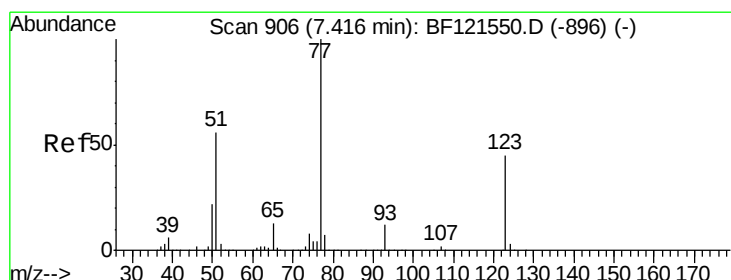
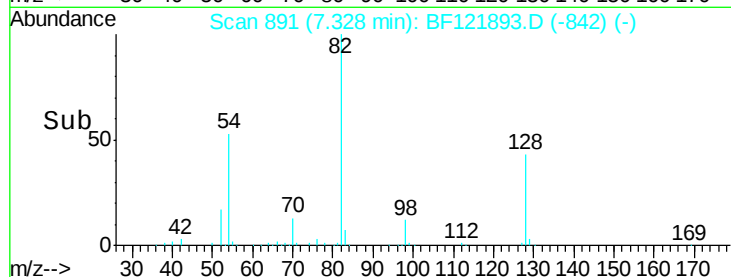
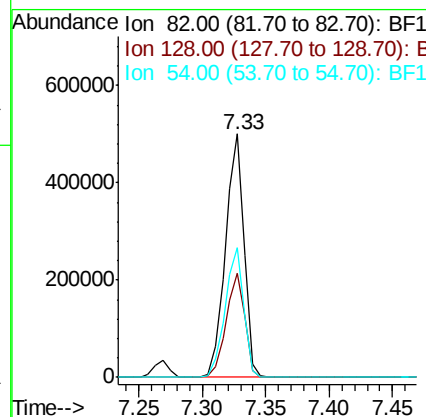
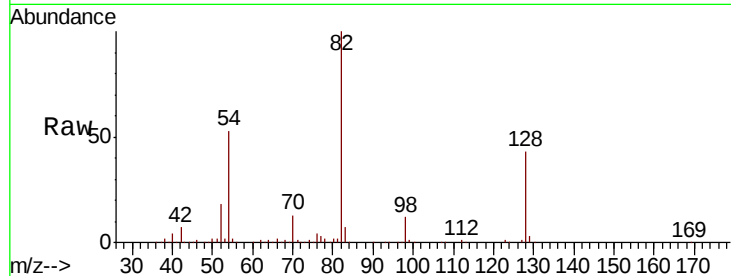
#23
 Nitrobenzene-d5
 Concen: 71.300 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF121893.D
 Acq: 8 Oct 2020 17:17

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.0	52.4
54	53.3	43.9	65.9

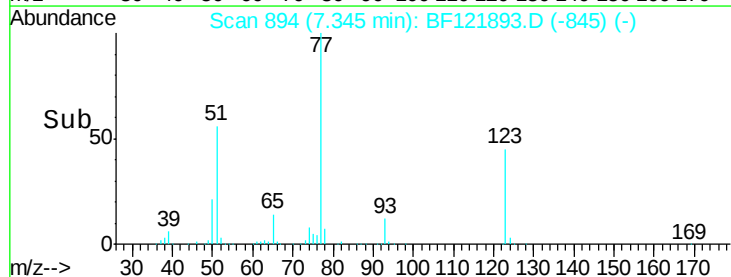
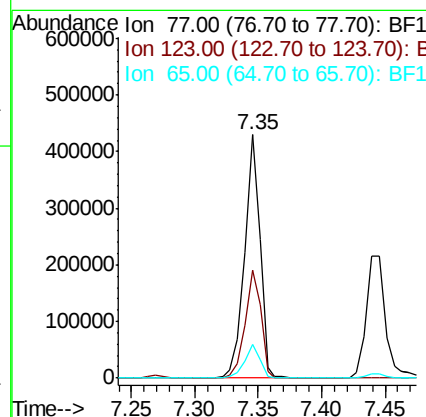
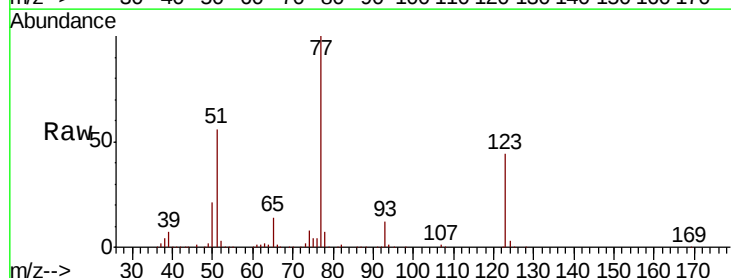
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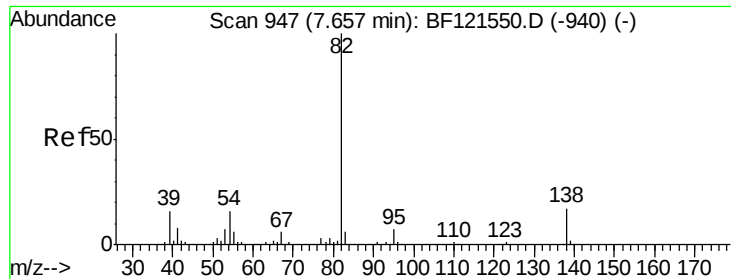
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#24
 Nitrobenzene
 Concen: 46.027 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF121893.D
 Acq: 8 Oct 2020 17:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.2	35.6	53.4
65	13.7	11.2	16.8





#25

Isophorone

Concen: 44.208 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF121893.D

Acq: 8 Oct 2020 17:17

Instrument :

BNA_F

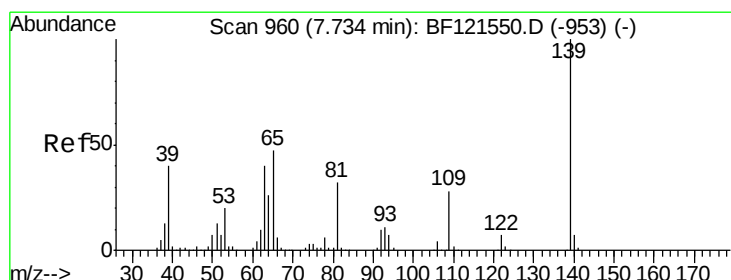
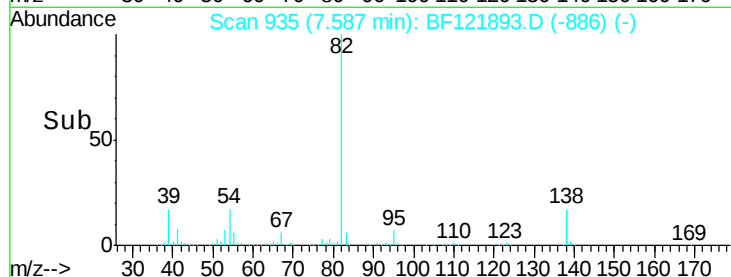
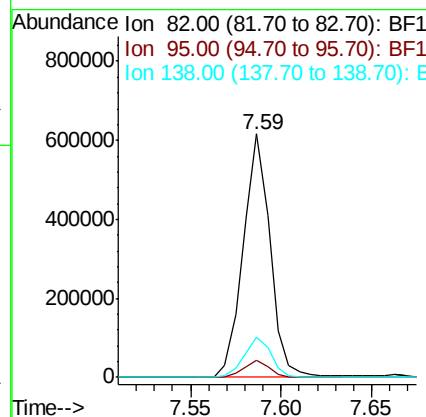
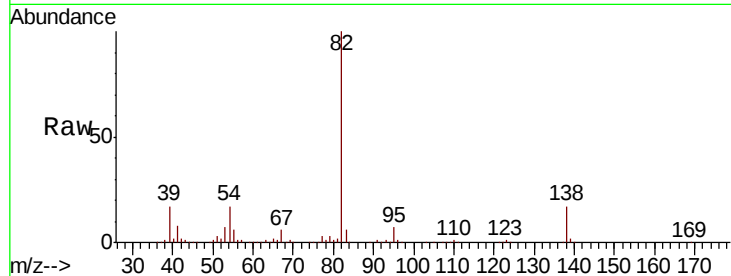
ClientSampleId :

OWLS-HEAD-BH-04-BMS

Tot Ion:	82	Resp:	636230
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.4	8.0
138	16.7	13.4	20.0

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#26

2-Nitrophenol

Concen: 46.588 ng

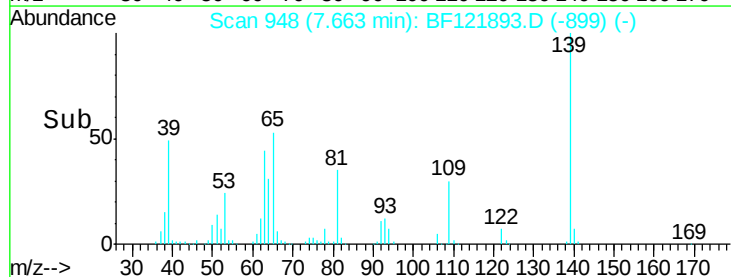
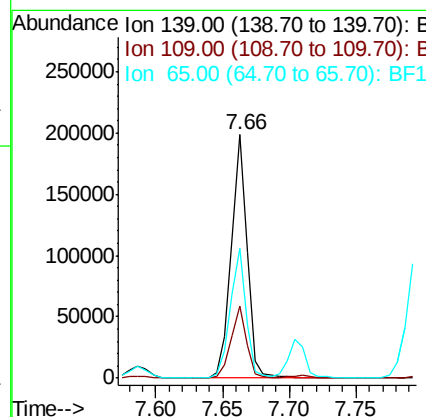
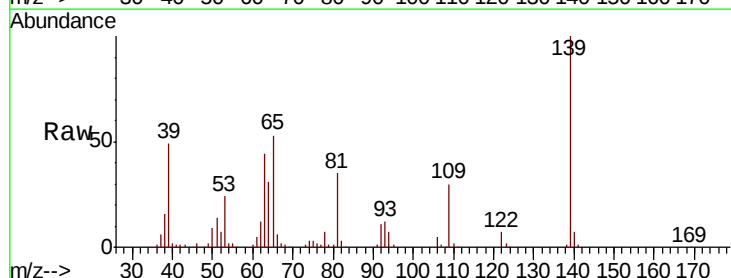
RT: 7.66 min Scan# 948

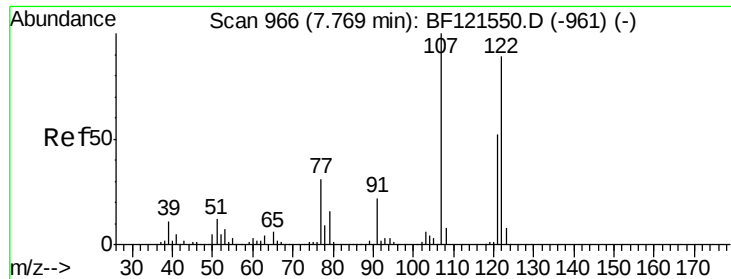
Delta R.T. -0.01 min

Lab File: BF121893.D

Acq: 8 Oct 2020 17:17

Tgt Ion:	139	Resp:	169302
Ion Ratio	Lower	Upper	
139	100		
109	29.5	23.0	34.4
65	53.1	39.9	59.9





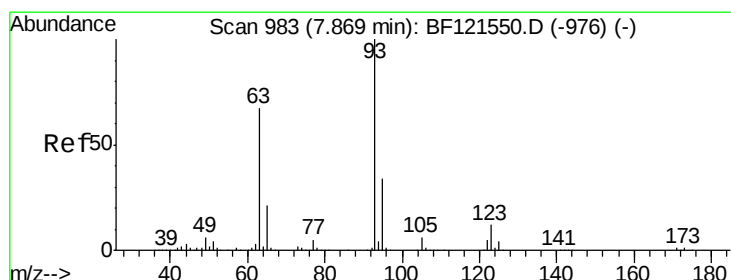
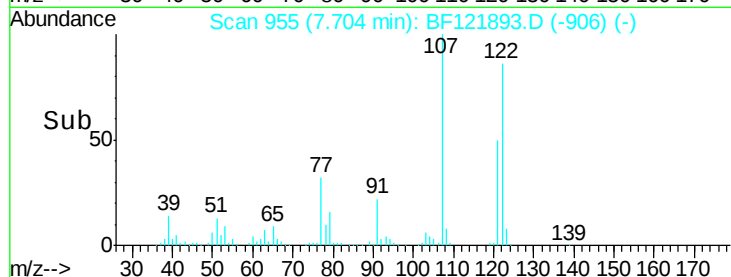
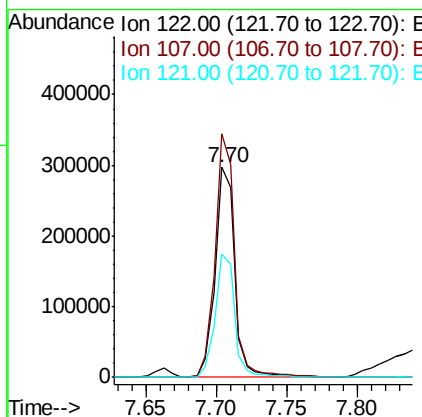
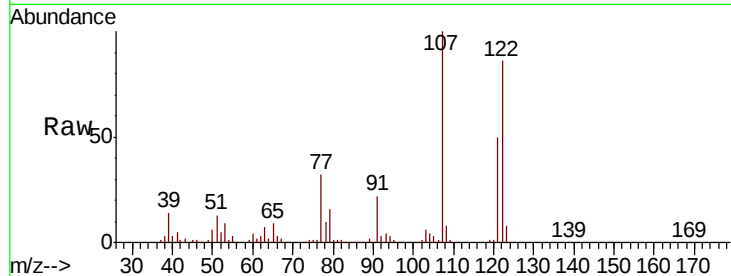
#27
2,4-Dimethylphenol
Concen: 44.679 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

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

Tot Ion	Ratio	Resp	Lower	Upper
122	100	287025		
107	115.9	90.8	136.2	
121	58.5	47.5	71.3	

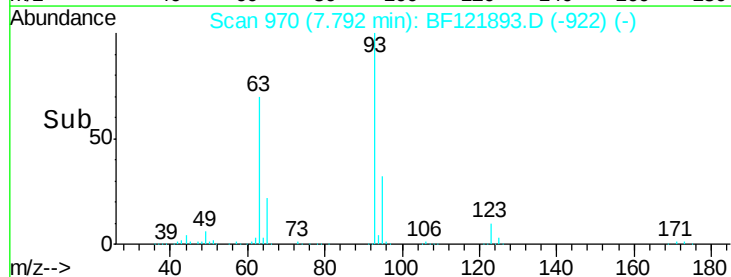
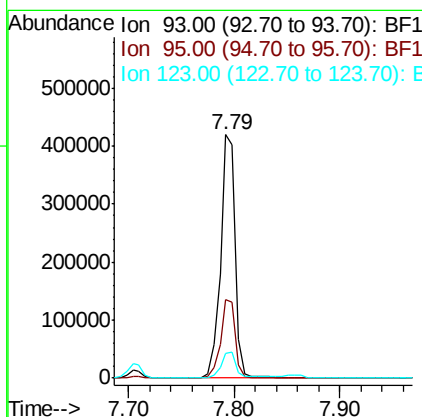
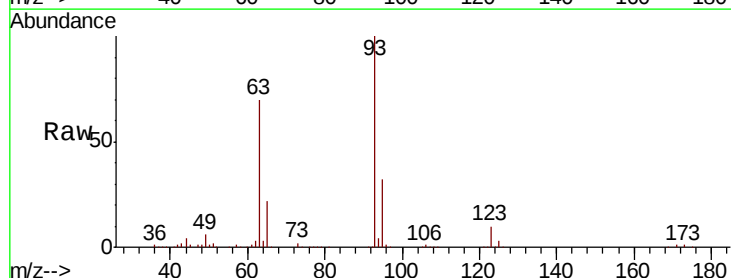
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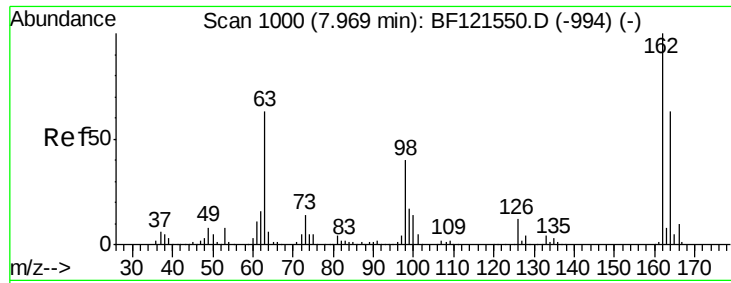
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#28
bis(2-Chloroethoxy)methane
Concen: 46.024 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.02 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	410053		
95	32.2	26.2	39.4	
123	10.0	8.8	13.2	





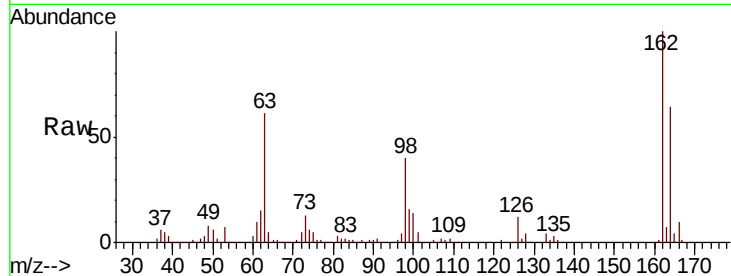
#29
2,4-Dichlorophenol
Concen: 46.560 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

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

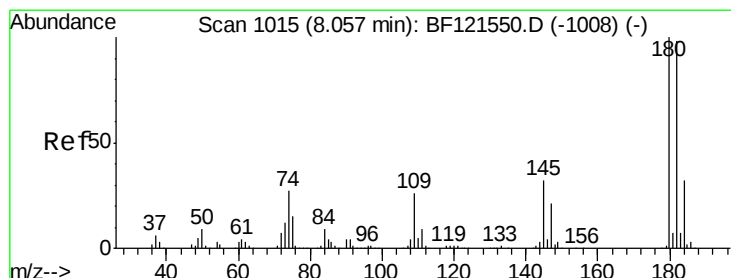
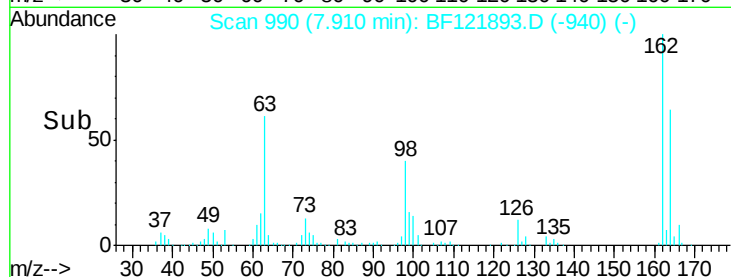
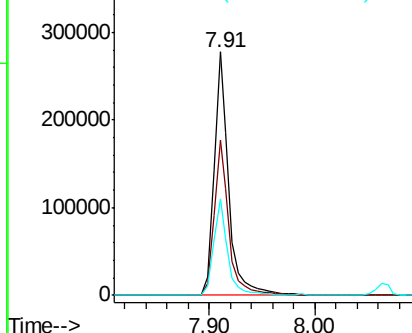
Tot Ion	Ratio	Resp	Lower	Upper
162	100	272429		
164	63.6	42.5	82.5	
98	39.7	20.1	60.1	

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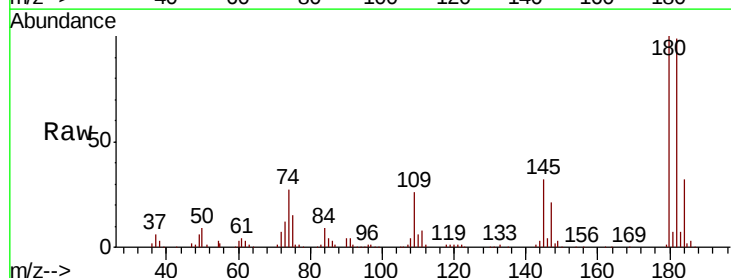


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

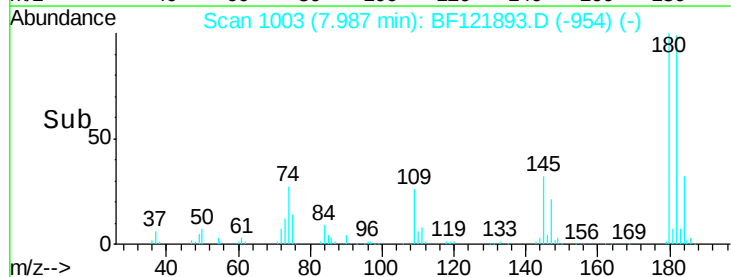
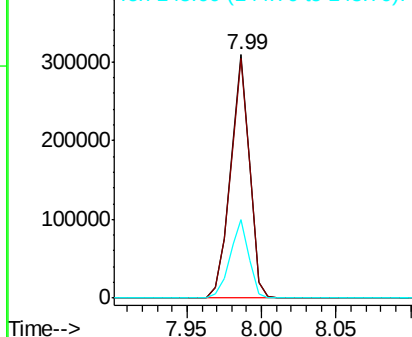


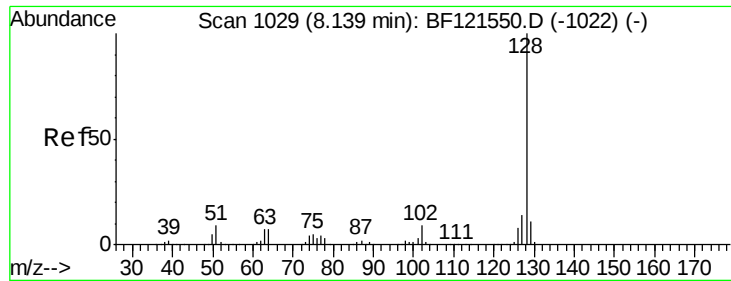
#30
1,2,4-Trichlorobenzene
Concen: 45.569 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	280815		
182	98.6	79.4	119.2	
145	32.1	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





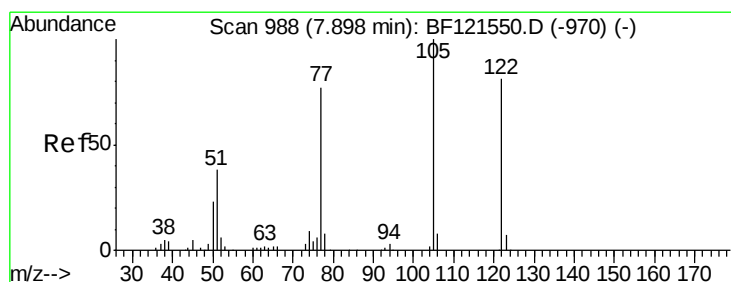
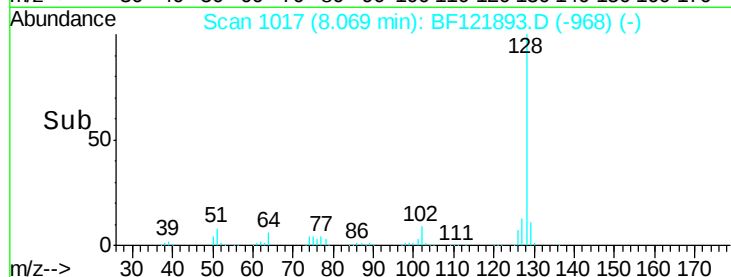
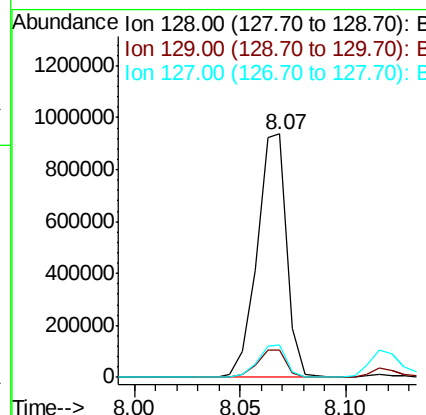
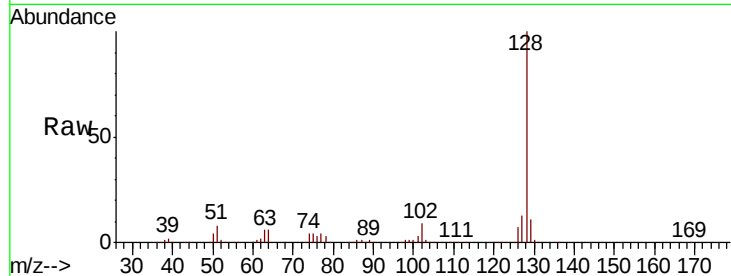
#31
Naphthalene
Concen: 45.111 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.4	10.8	16.2

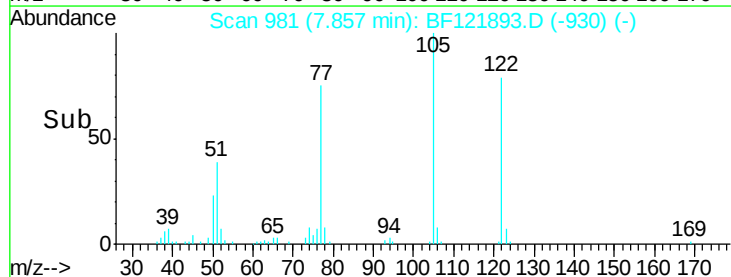
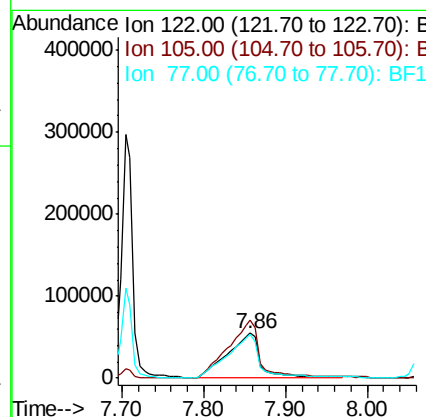
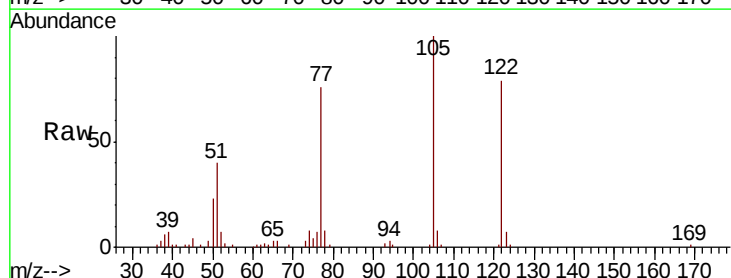
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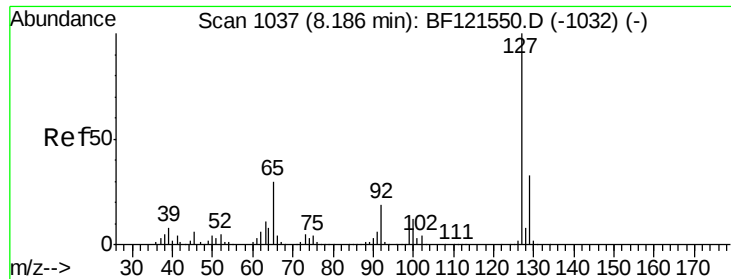
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#32
Benzoic acid
Concen: 33.427 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.0	103.3	143.3
77	96.3	73.9	113.9





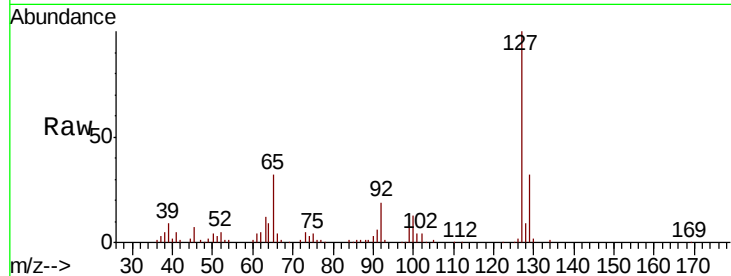
#33
4-Chloroaniline
Concen: 16.431 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

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

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	26.3	39.5	
65	32.1	26.2	39.2	
92	19.1	15.9	23.9	

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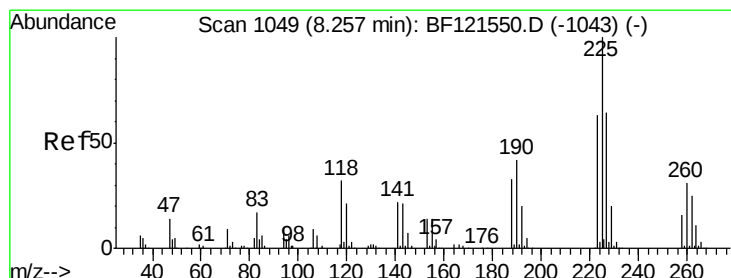
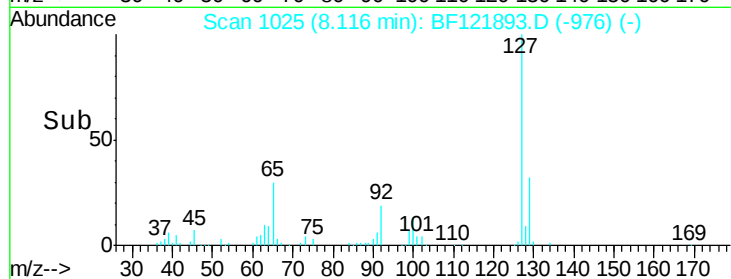
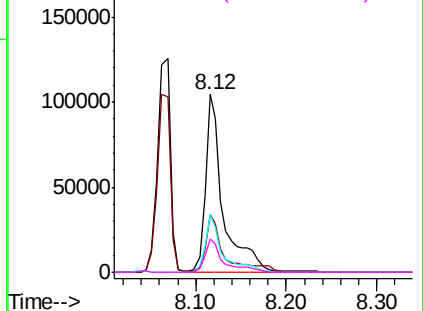
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

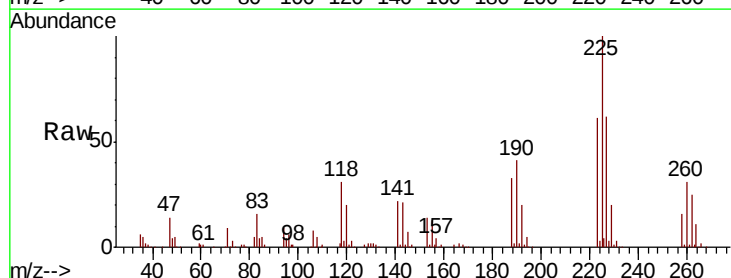
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 46.901 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.4	51.1	76.7	
227	62.3	51.0	76.6	

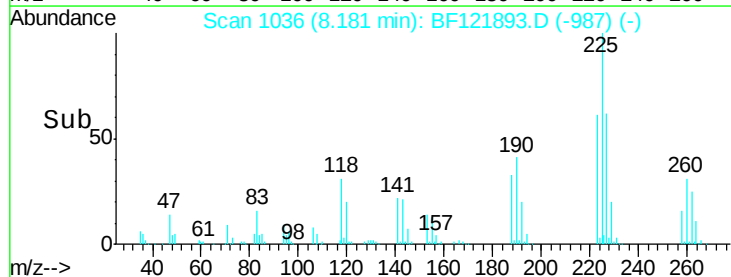
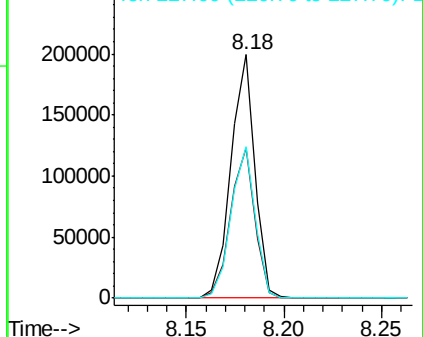


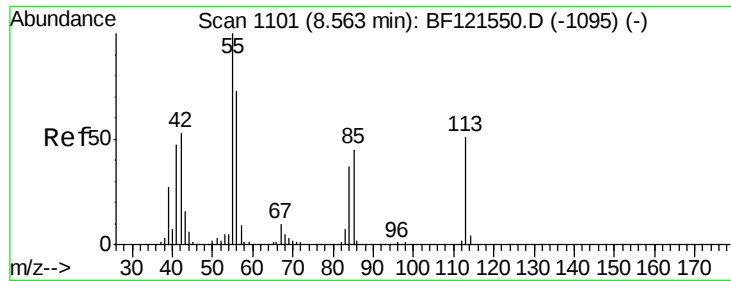
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 46.374 ng/ml

RT: 8.50 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BF121893.D

Acq: 8 Oct 2020 17:17

Instrument :

BNA_F

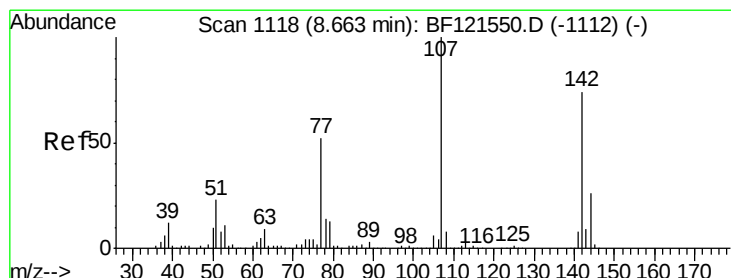
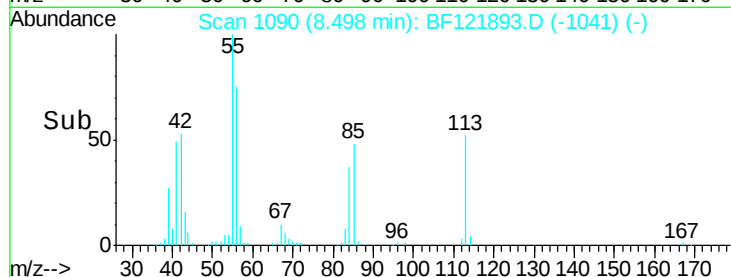
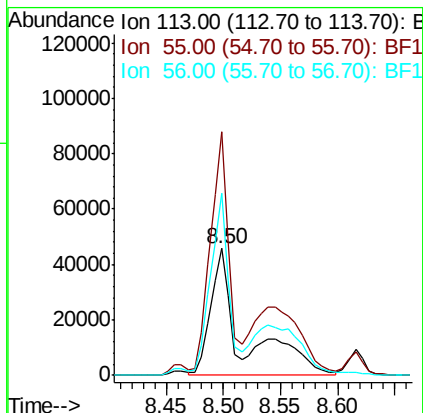
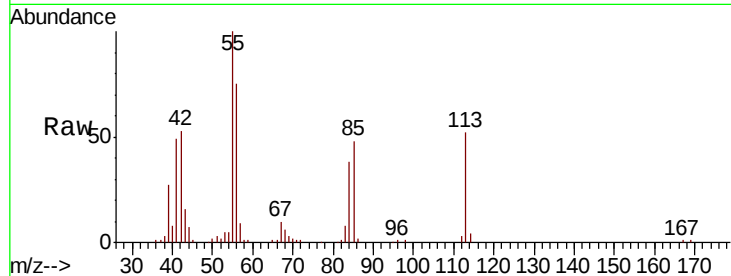
ClientSampleId :

OWLS-HEAD-BH-04-BMS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	192.0	167.5	207.5	
56	143.4	121.2	161.2	

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#36

4-Chloro-3-methylphenol

Concen: 46.351 ng/ml

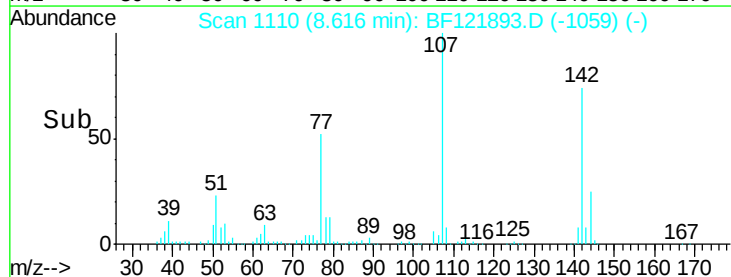
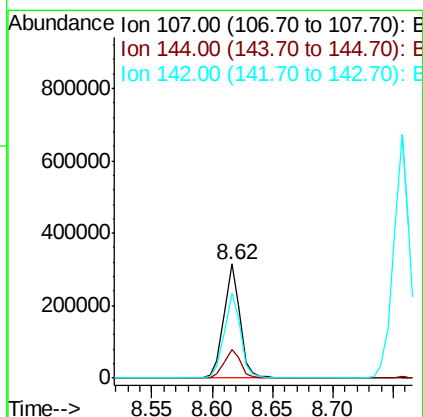
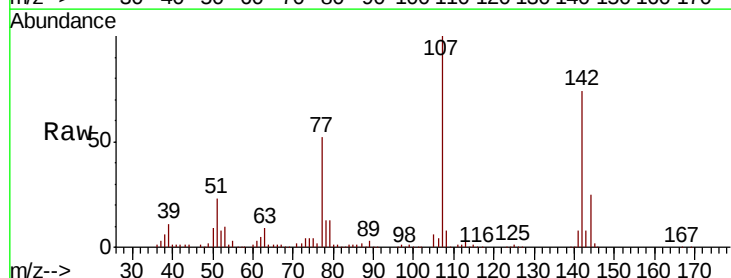
RT: 8.62 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BF121893.D

Acq: 8 Oct 2020 17:17

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.1	20.1	30.1	
142	74.2	59.3	88.9	





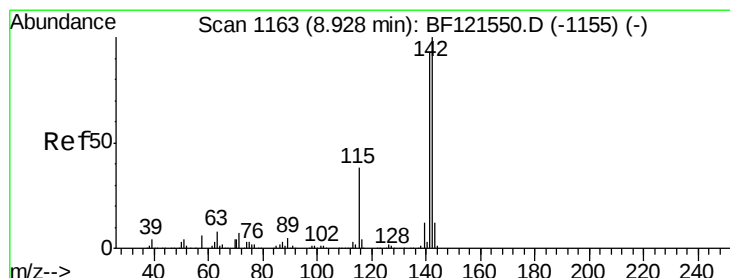
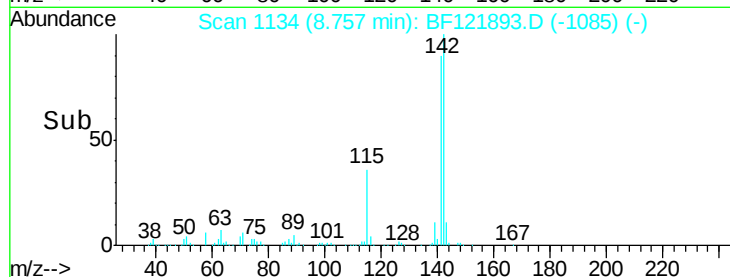
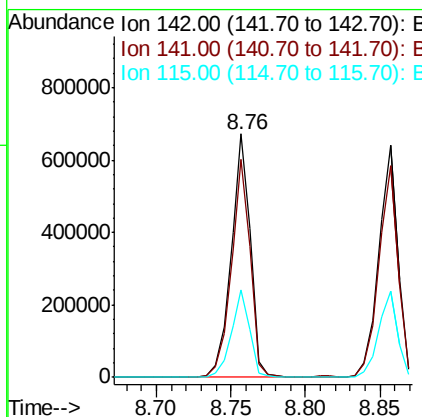
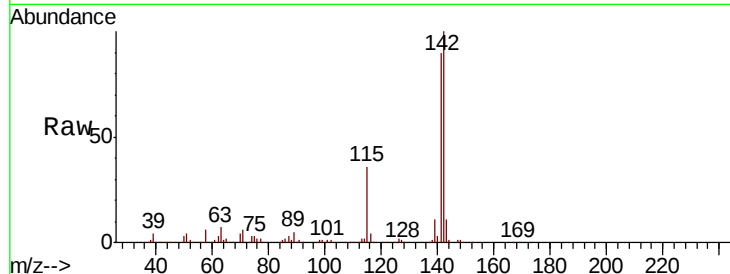
#37
2-Methylnaphthalene
Concen: 45.683 ng
RT: 8.76 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.2	105.4
115	35.8	28.6	43.0

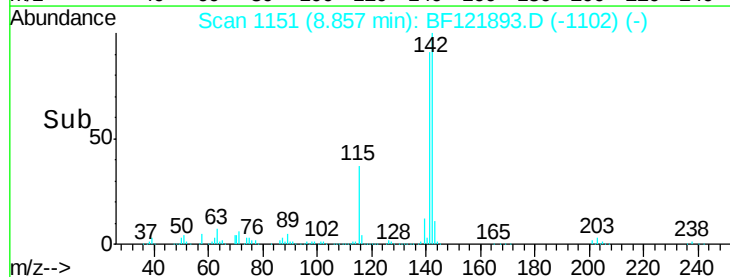
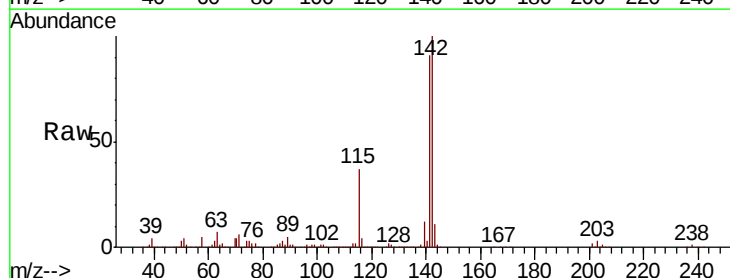
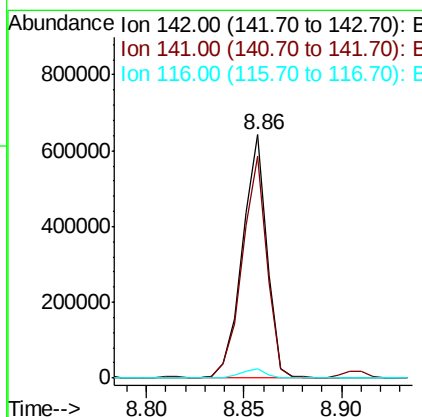
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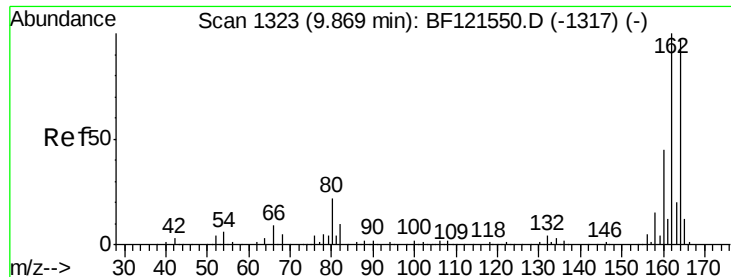
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#38
1-Methylnaphthalene
Concen: 45.051 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	74.5	111.7
116	3.8	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: BF121893.D

Acq: 8 Oct 2020 17:17

Instrument :

BNA_F

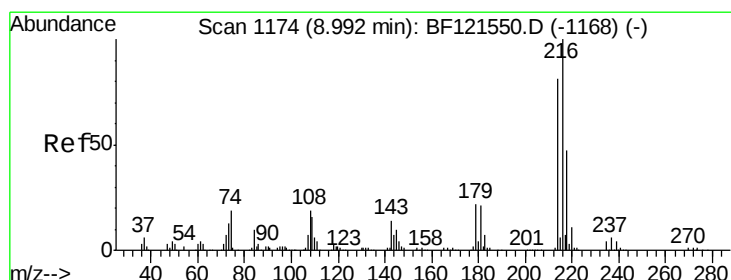
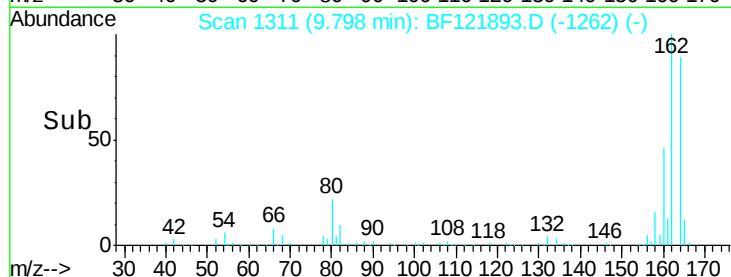
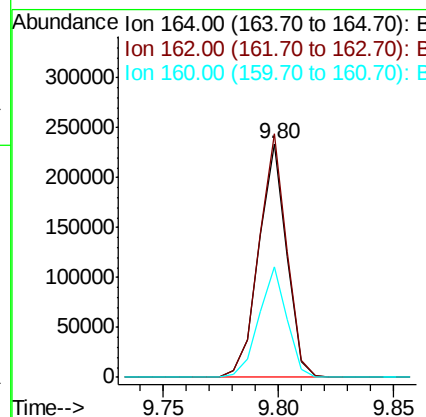
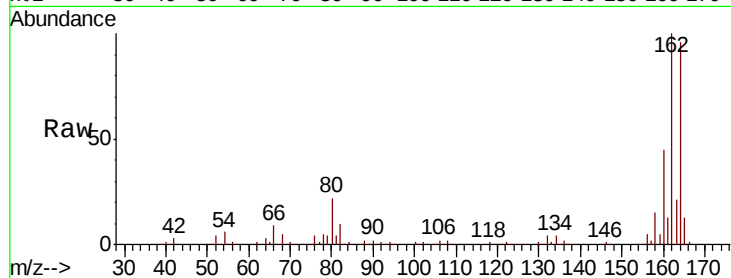
ClientSampleId :

OWLS-HEAD-BH-04-BMS

Tot Ion:	164	Resp:	197680
Ion Ratio	Lower	Upper	
164	100		
162	104.1	83.2	124.8
160	47.3	37.5	56.3

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.410 ng

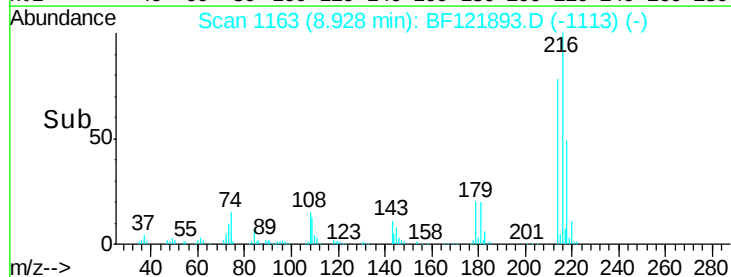
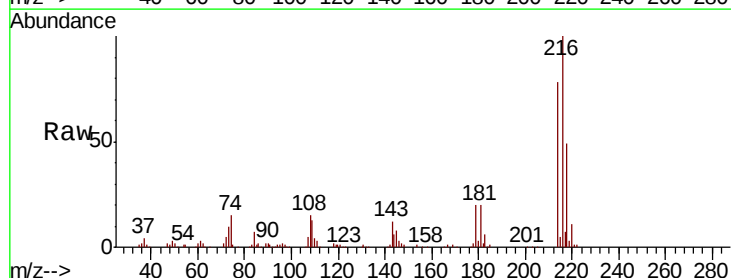
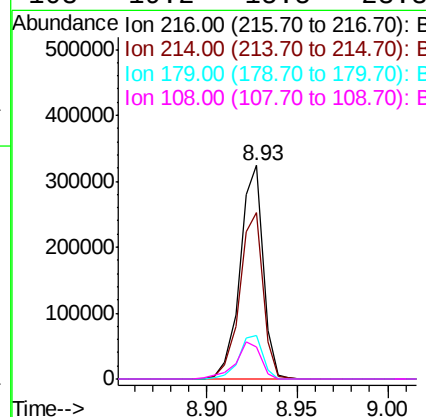
RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF121893.D

Acq: 8 Oct 2020 17:17

Tgt Ion:	216	Resp:	286574
Ion Ratio	Lower	Upper	
216	100		
214	79.0	63.4	95.2
179	21.1	17.0	25.6
108	19.2	15.5	23.3





#41

Hexachlorocyclopentadiene

Concen: 35.976 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF121893.D

Acq: 8 Oct 2020 17:17

Instrument :

BNA_F

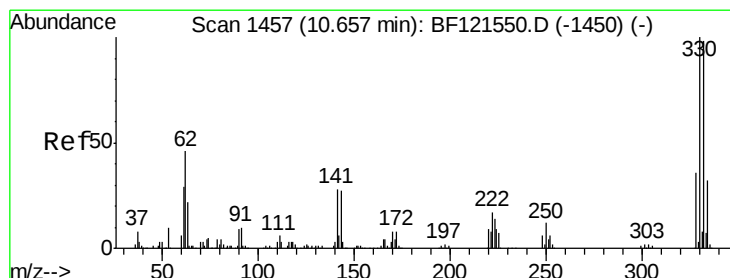
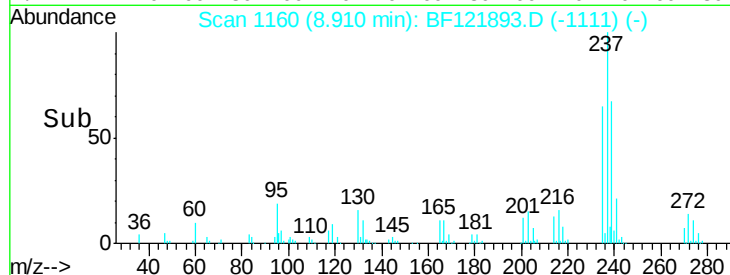
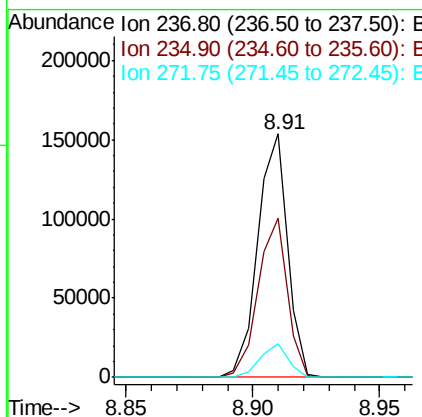
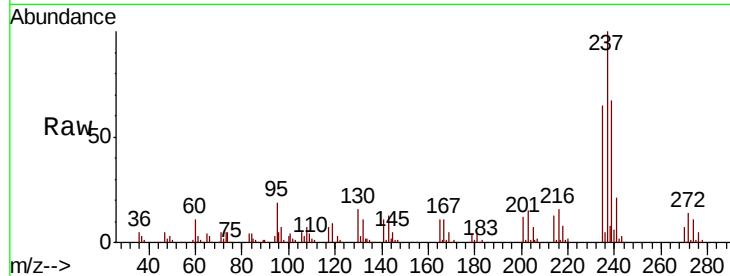
ClientSampleId :

OWLS-HEAD-BH-04-BMS

Tot Ion:	237	Resp:	126861
Ion Ratio	Lower	Upper	
237	100		
235	65.4	41.8	81.8
272	14.0	0.0	33.5

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#42

2,4,6-Tribromophenol

Concen: 78.669 ng

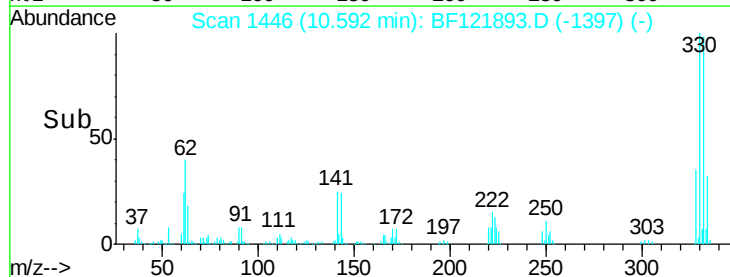
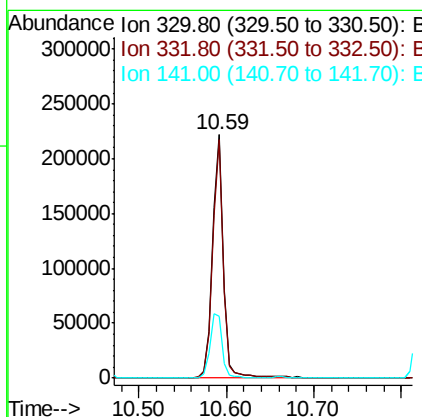
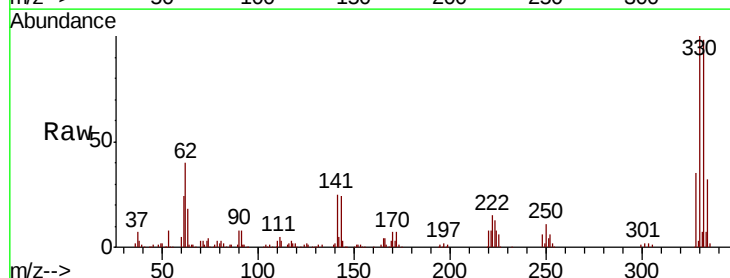
RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF121893.D

Acq: 8 Oct 2020 17:17

Tgt Ion:	330	Resp:	193282
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.3	115.9
141	29.7	22.3	33.5





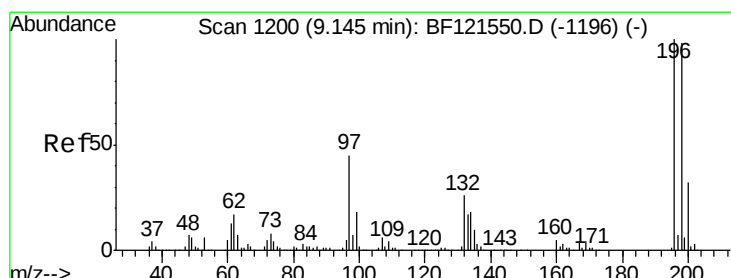
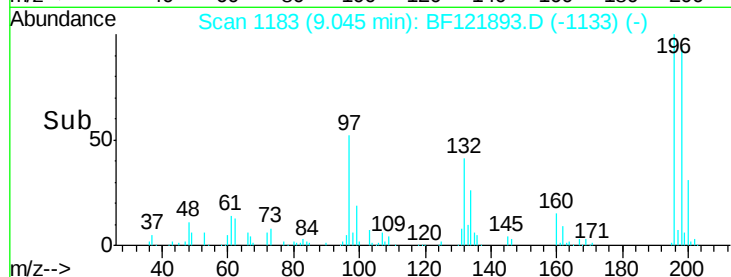
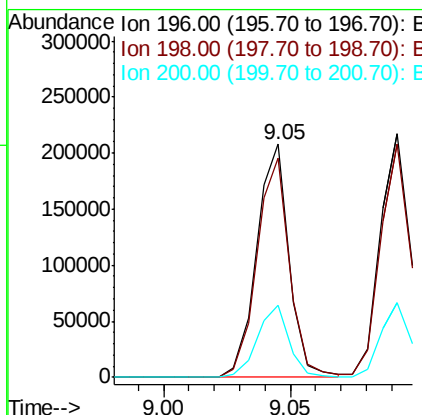
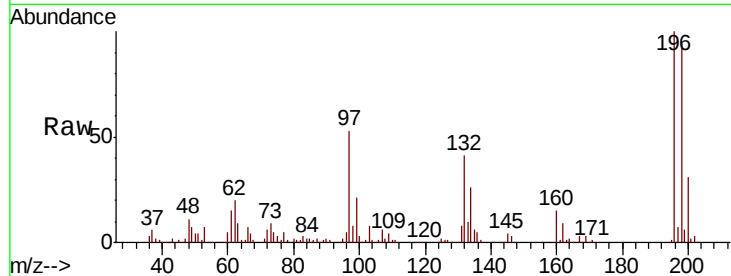
#43
2,4,6-Trichlorophenol
Concen: 44.218 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	186108		
198	94.1	75.8	113.6	
200	30.8	24.6	36.8	

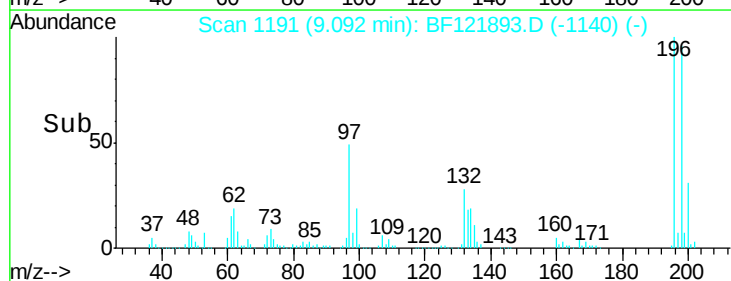
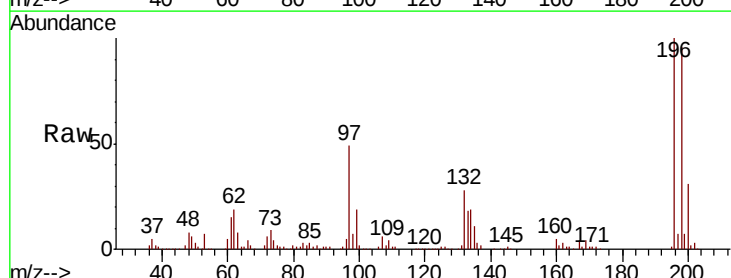
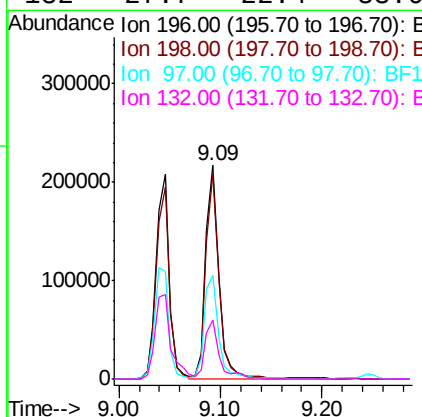
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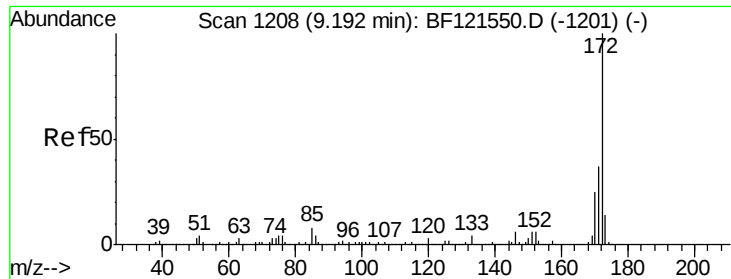
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#44
2,4,5-Trichlorophenol
Concen: 44.778 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	199240		
198	96.1	76.1	114.1	
97	48.5	41.0	61.6	
132	27.7	22.4	33.6	





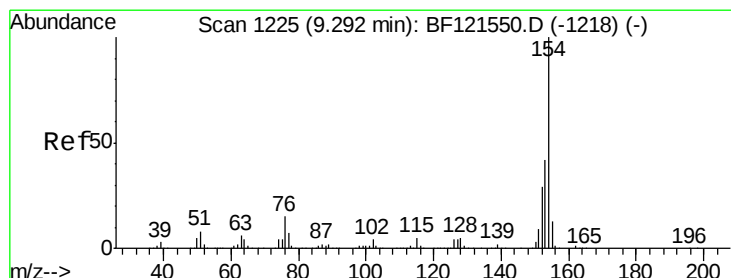
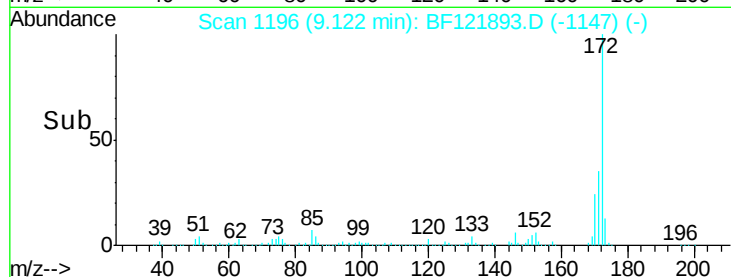
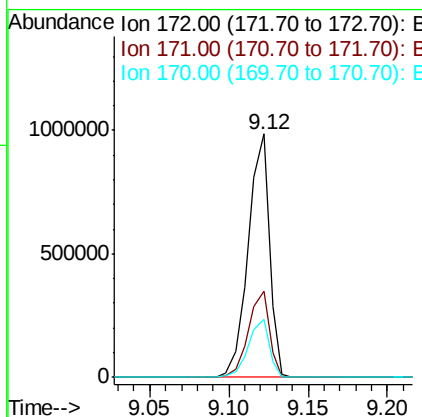
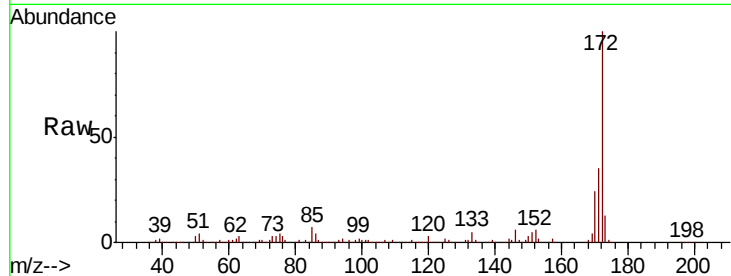
#45
2-Fluorobiphenyl
Concen: 70.008 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.1	43.7
170	23.8	19.8	29.6

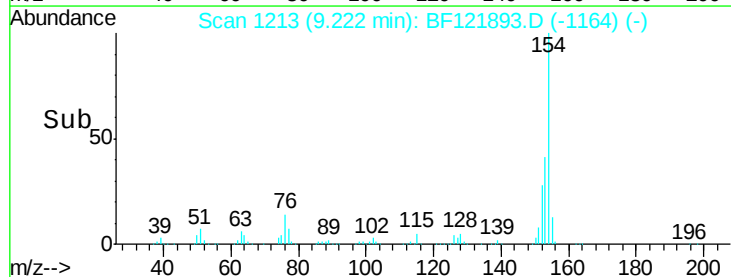
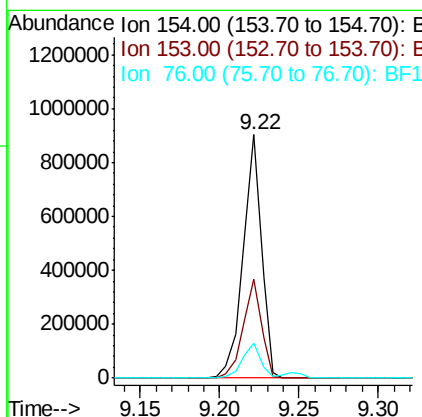
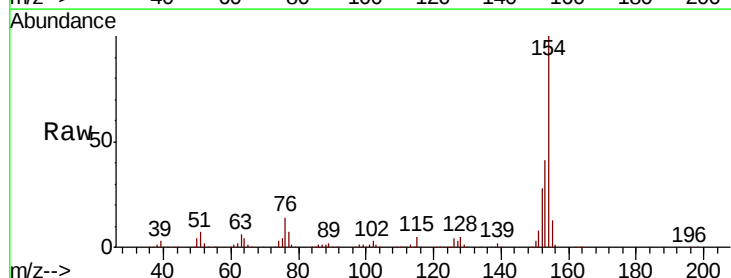
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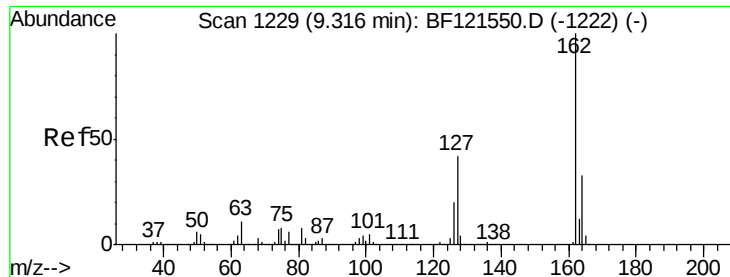
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#46
1,1'-Biphenyl
Concen: 45.773 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	14.3	0.0	34.7





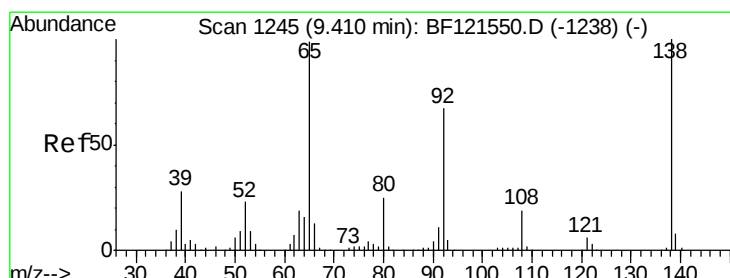
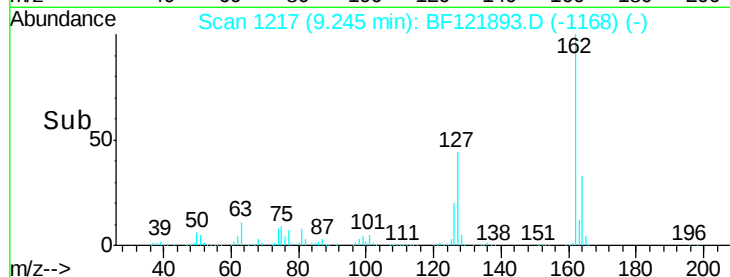
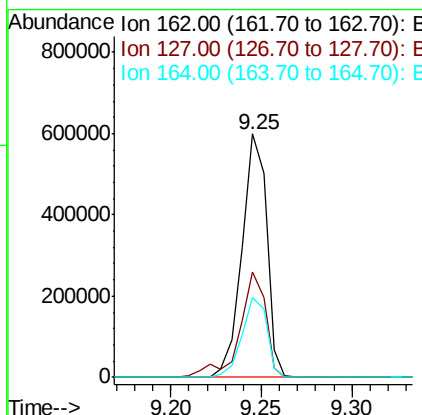
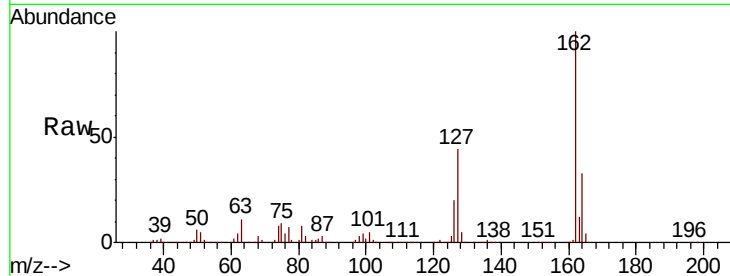
#47
 2-Chloronaphthalene
 Concen: 45.491 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF121893.D
 Acq: 8 Oct 2020 17:17

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	43.5	34.4	51.6		
164	32.9	26.3	39.5		

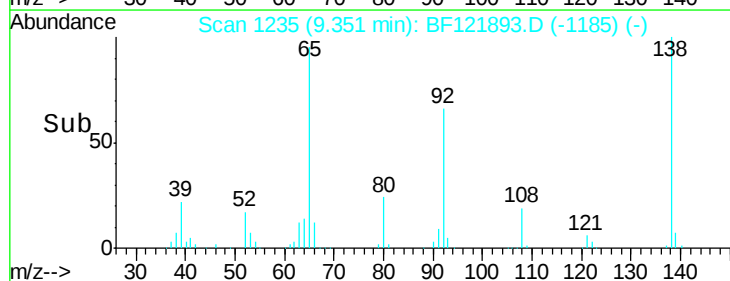
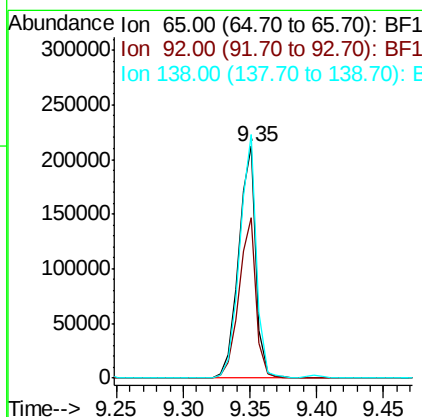
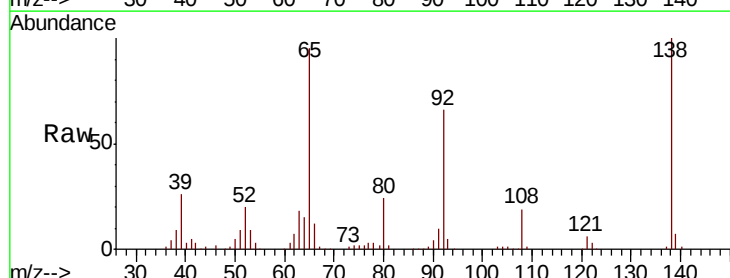
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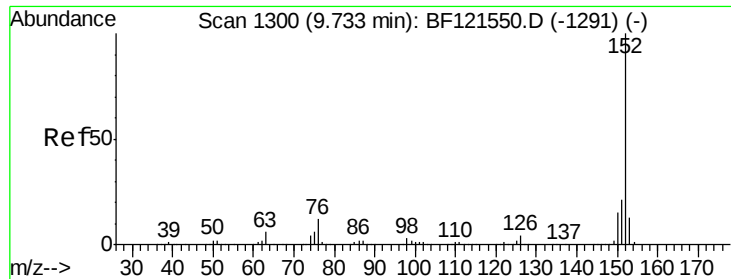
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#48
 2-Nitroaniline
 Concen: 49.571 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF121893.D
 Acq: 8 Oct 2020 17:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	69.3	55.1	82.7		
138	105.1	80.5	120.7		





#49

Acenaphthylene

Concen: 45.672 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF121893.D

Acq: 8 Oct 2020 17:17

Instrument :

BNA_F

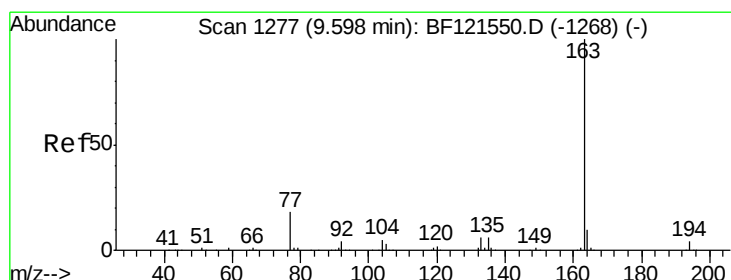
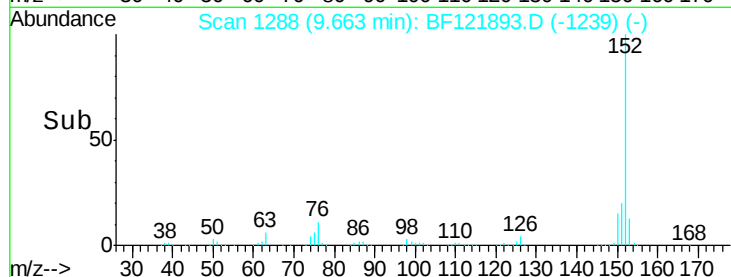
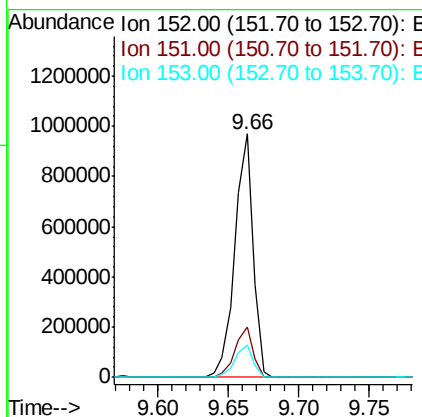
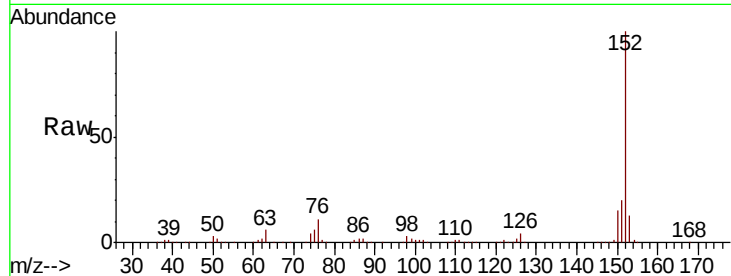
ClientSampleId :

OWLS-HEAD-BH-04-BMS

Tot Ion:	152	Resp:	875137
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.4	24.6
153	13.2	10.6	15.8

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#50

Dimethylphthalate

Concen: 55.003 ng

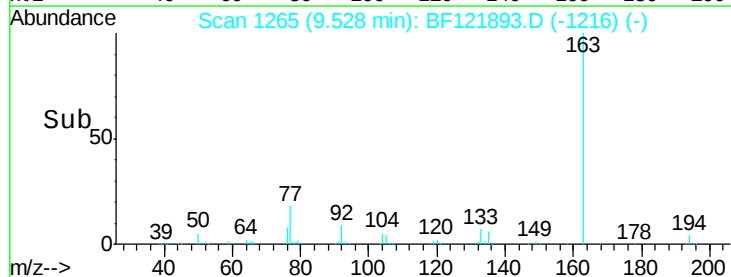
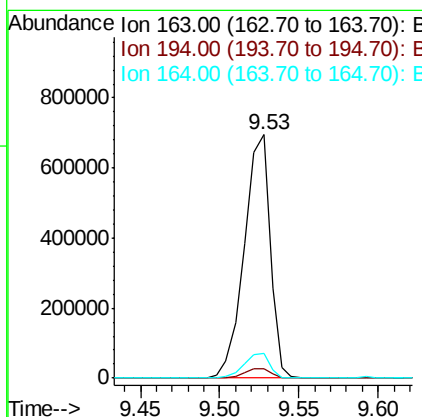
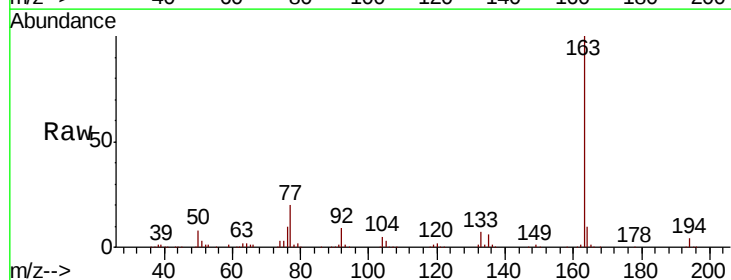
RT: 9.53 min Scan# 1265

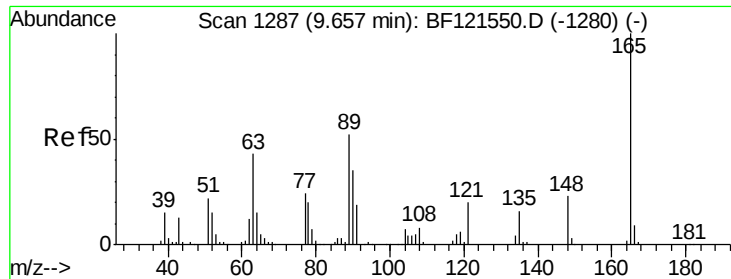
Delta R.T. -0.01 min

Lab File: BF121893.D

Acq: 8 Oct 2020 17:17

Tgt Ion:	163	Resp:	788056
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.3	4.9
164	9.9	8.2	12.4





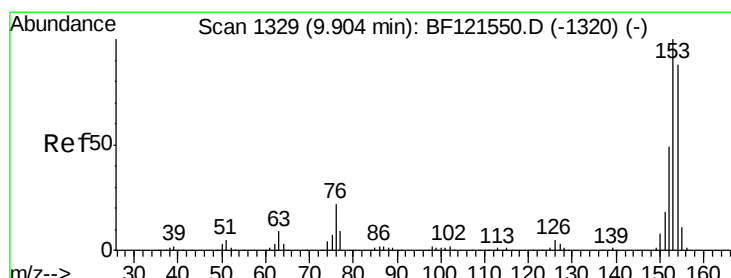
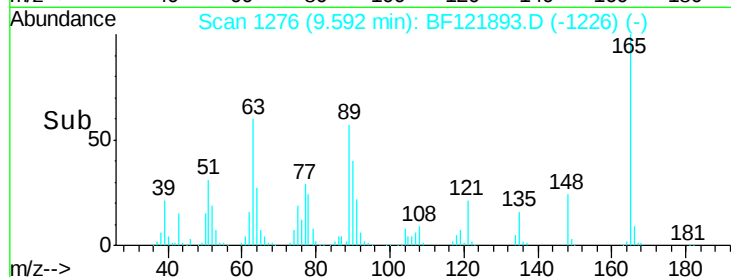
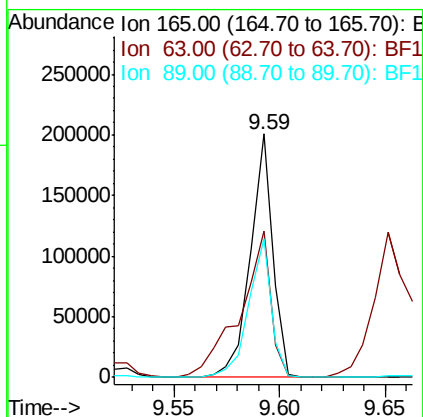
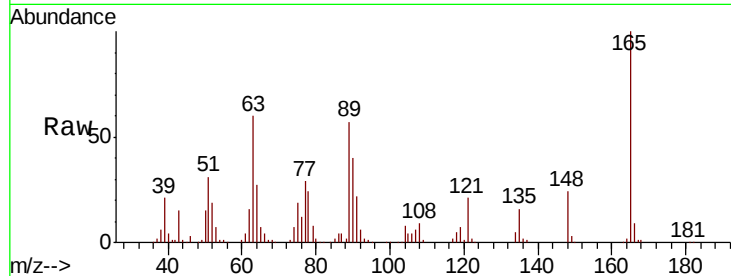
#51
2,6-Dinitrotoluene
Concen: 48.918 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.2	51.8	77.6
89	57.1	49.0	73.6

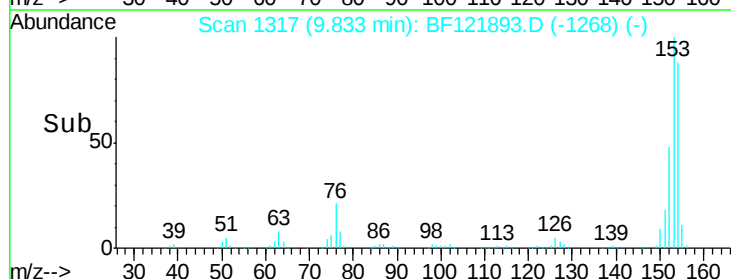
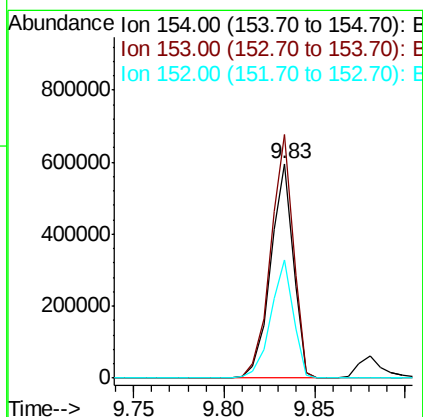
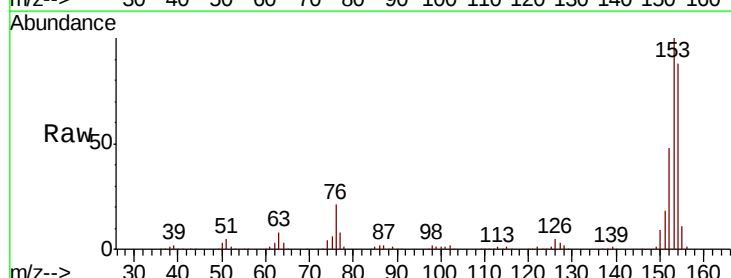
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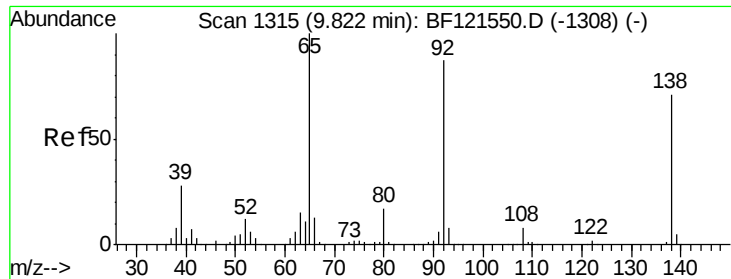
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#52
Acenaphthene
Concen: 42.846 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	89.8	134.8
152	55.0	43.2	64.8





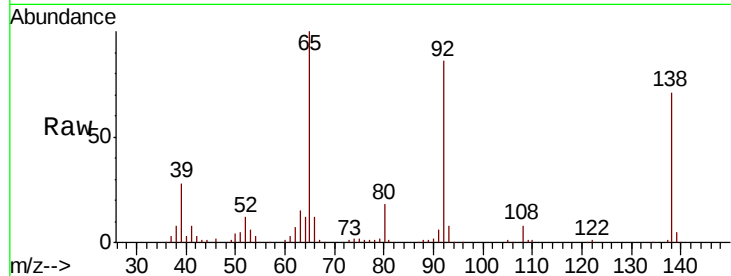
#53
3-Nitroaniline
Concen: 23.304 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

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

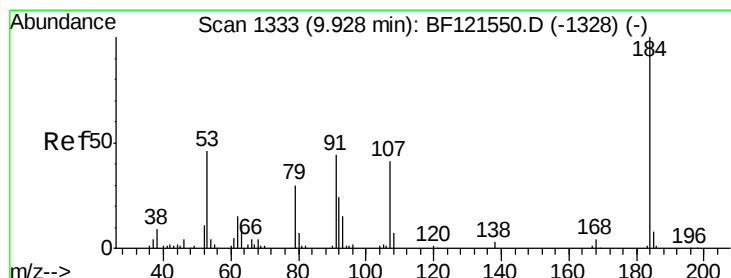
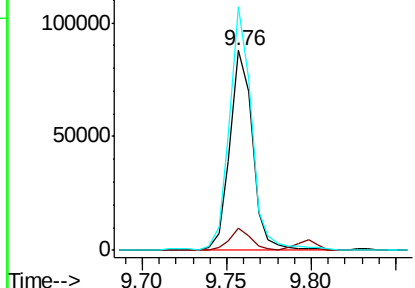
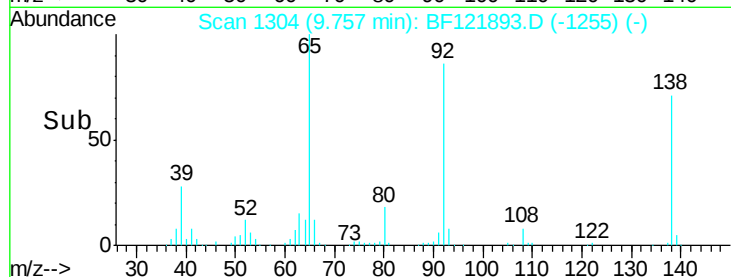
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.6	13.0
92	122.0	96.6	144.8

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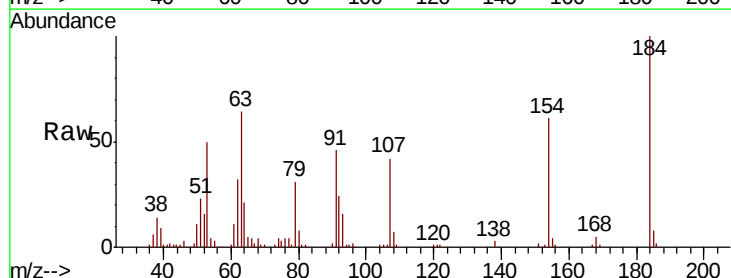


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

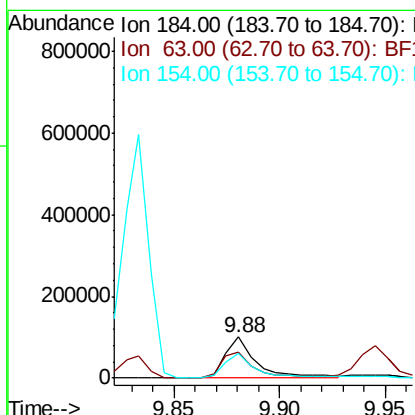
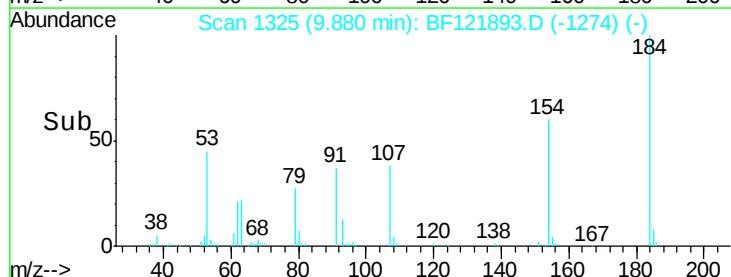


#54
2,4-Dinitrophenol
Concen: 60.781 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.3	45.9	68.9
154	60.7	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





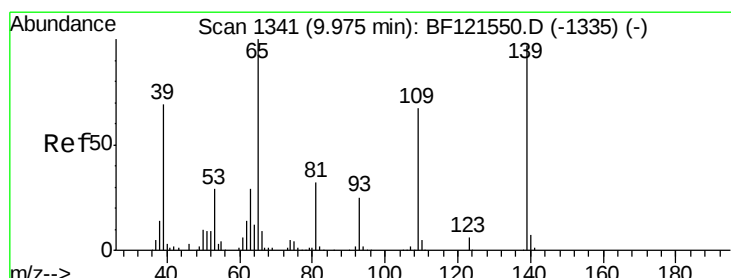
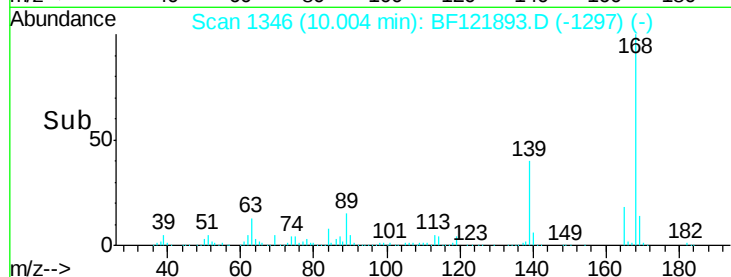
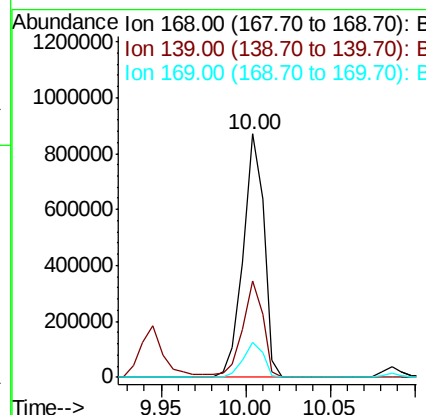
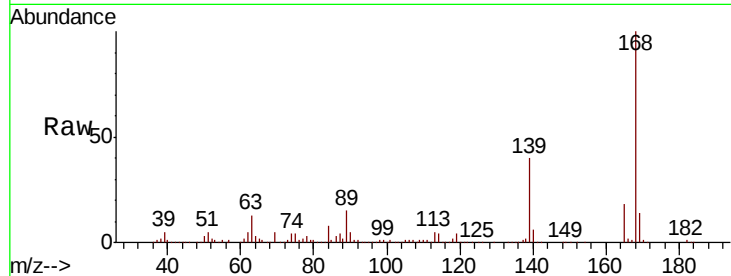
#55
Dibenzofuran
Concen: 43.782 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

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

Tot Ion	Ratio	Resp	Lower	Upper
168	100	746198		
139	39.7		31.0	46.6
169	14.3		11.3	16.9

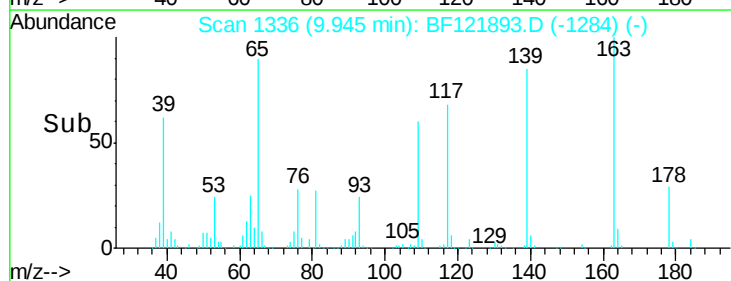
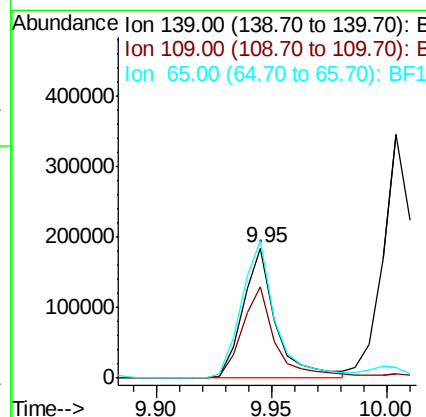
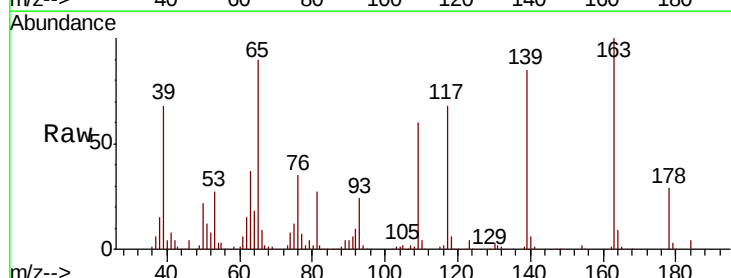
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#56
4-Nitrophenol
Concen: 65.174 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	183723		
109	70.3		45.4	85.4
65	106.0		68.4	108.4





#57

2,4-Dinitrotoluene

Concen: 49.052 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF121893.D

Acq: 8 Oct 2020 17:17

Instrument :

BNA_F

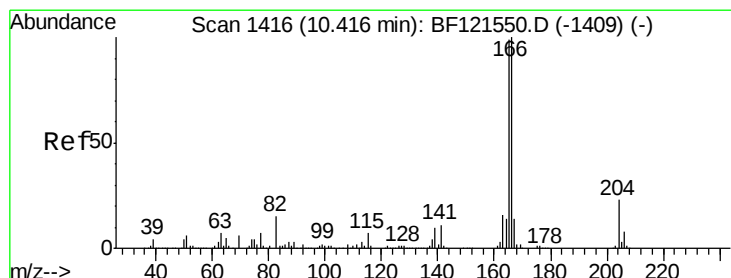
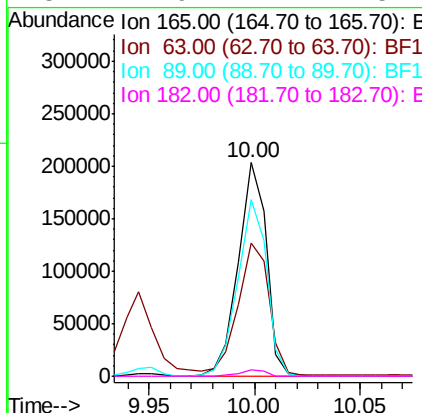
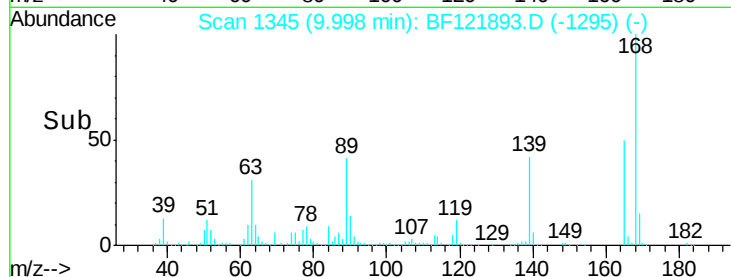
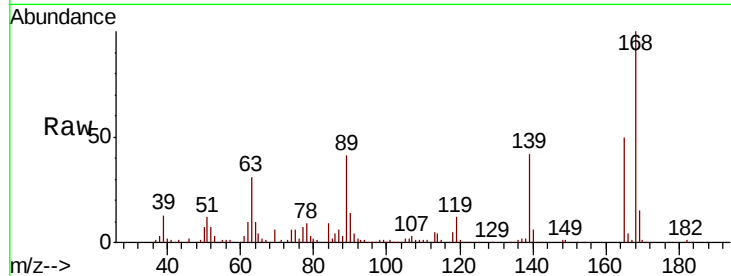
ClientSampleId :

OWLS-HEAD-BH-04-BMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	188297		
63	62.3	41.3	61.9#	
89	83.0	61.8	92.8	
182	2.9	2.1	3.1	

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#58

Fluorene

Concen: 47.022 ng

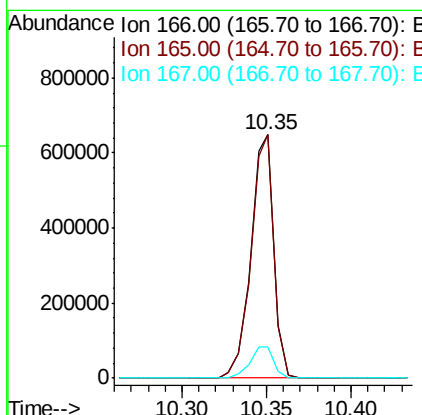
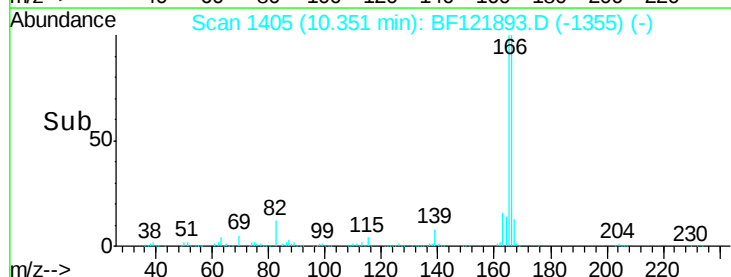
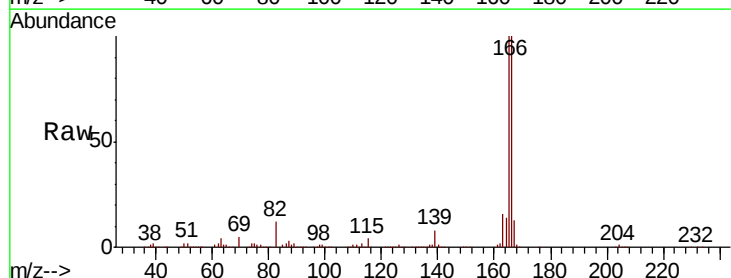
RT: 10.35 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF121893.D

Acq: 8 Oct 2020 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	612872		
165	100.2	79.1	118.7	
167	13.0	11.0	16.6	





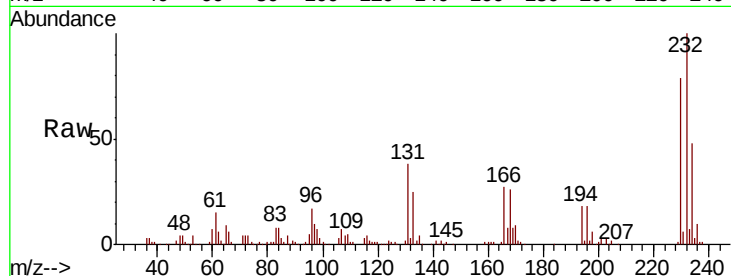
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.511 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

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

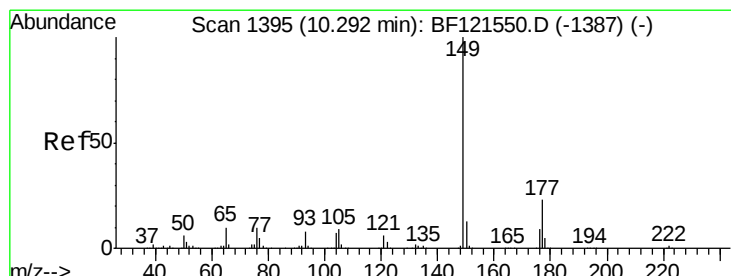
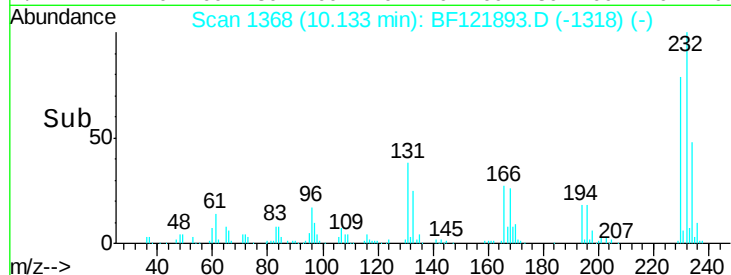
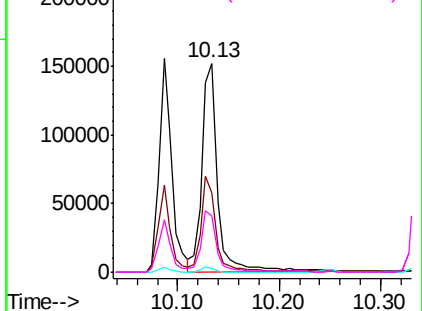
Tot Ion:	232	Resp:	161008
Ion Ratio	Lower	Upper	
232	100		
131	42.5	35.9	53.9
130	2.1	1.8	2.6
166	28.3	23.5	35.3

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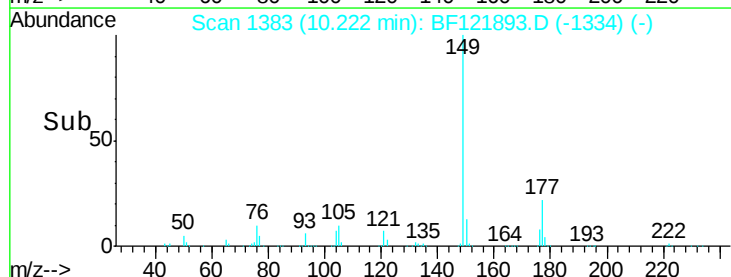
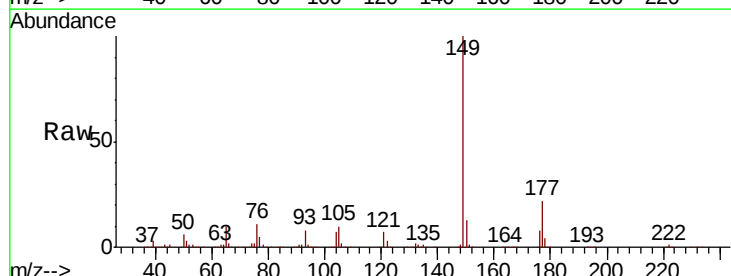
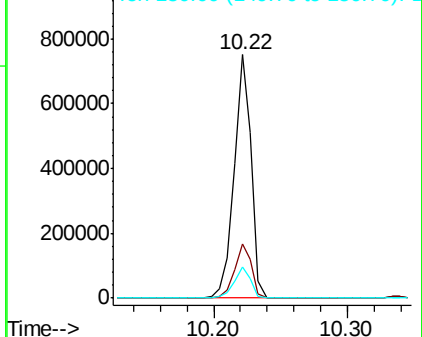
Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

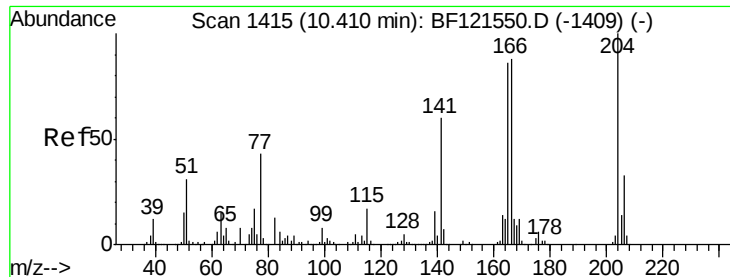


#60
Diethylphthalate
Concen: 48.060 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

Tgt Ion:	149	Resp:	671355
Ion Ratio	Lower	Upper	
149	100		
177	22.2	18.1	27.1
150	12.7	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





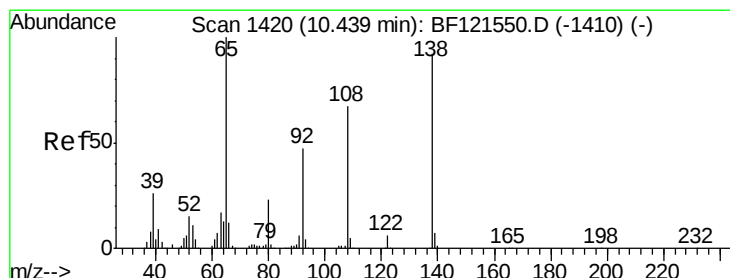
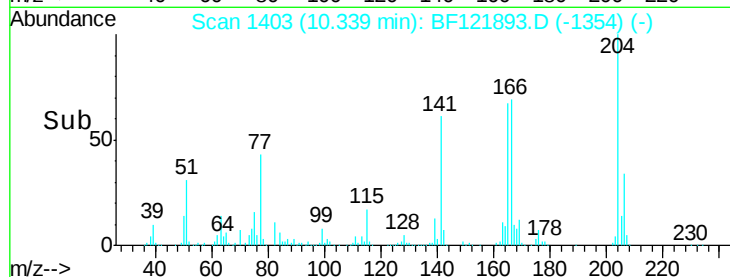
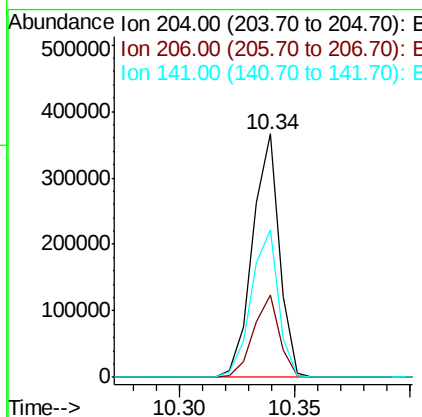
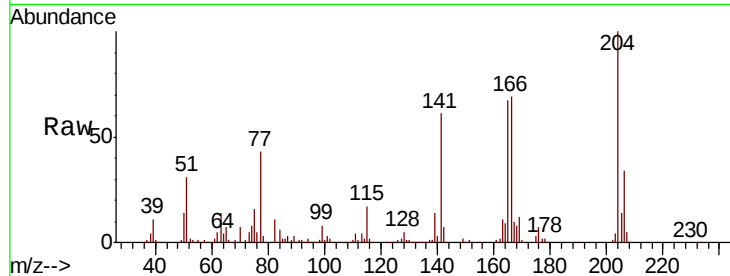
#61
 4-Chlorophenyl-phenylether
 Concen: 47.690 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF121893.D
 Acq: 8 Oct 2020 17:17

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

Tot Ion:	204	Resp:	297754
Ion Ratio	Lower	Upper	
204	100		
206	33.6	26.0	39.0
141	60.7	46.2	69.4

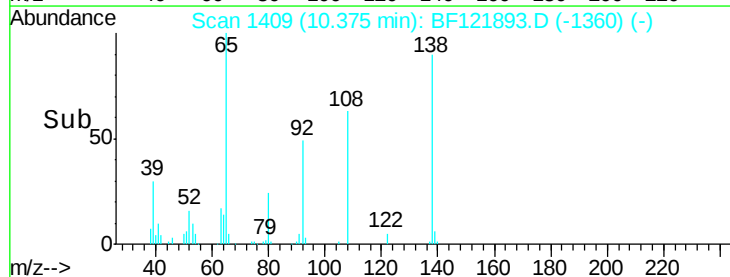
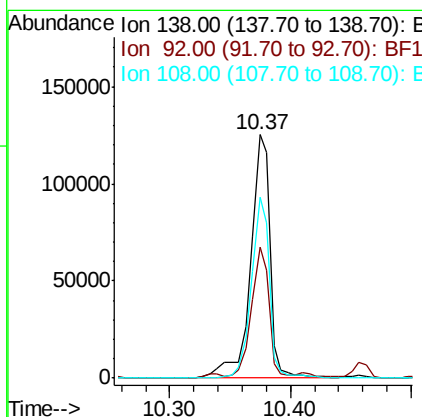
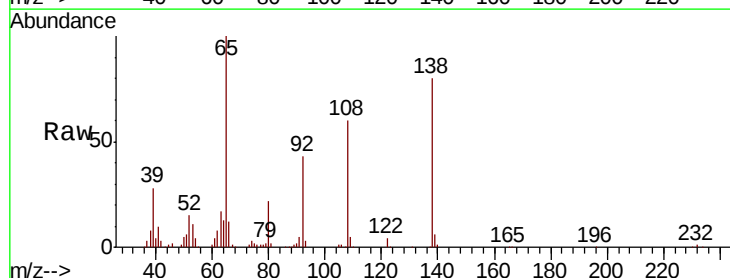
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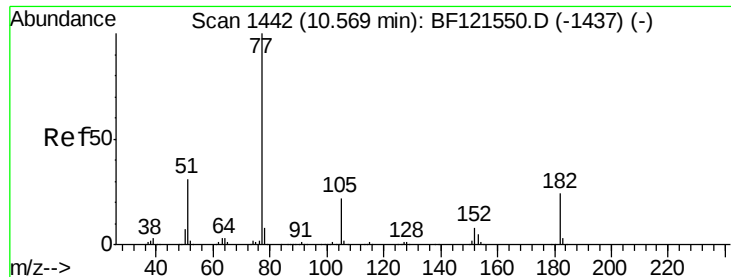
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#62
 4-Nitroaniline
 Concen: 40.603 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF121893.D
 Acq: 8 Oct 2020 17:17

Tgt Ion:	138	Resp:	142504
Ion Ratio	Lower	Upper	
138	100		
92	54.1	31.0	71.0
108	74.4	51.5	91.5





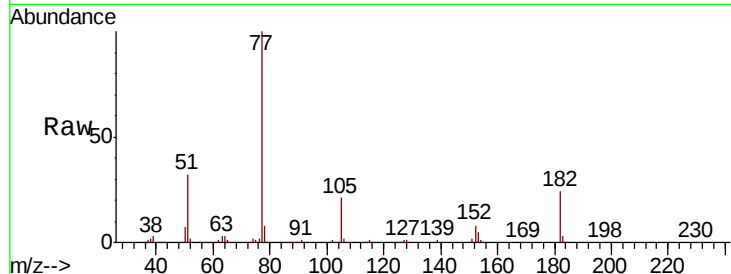
#63
Azobenzene
Concen: 45.880 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

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

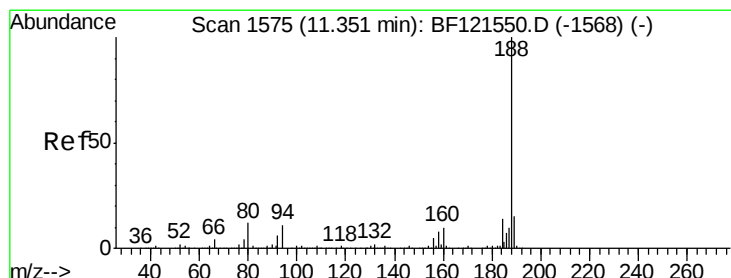
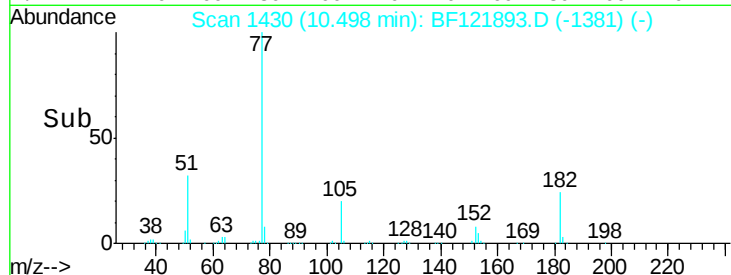
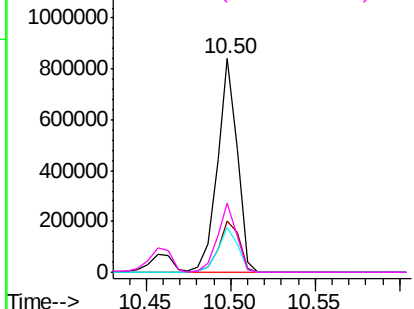
Tot Ion	Ratio	Lower	Upper
77	100		
182	23.9	3.4	43.4
105	21.3	1.7	41.7
51	32.2	11.6	51.6

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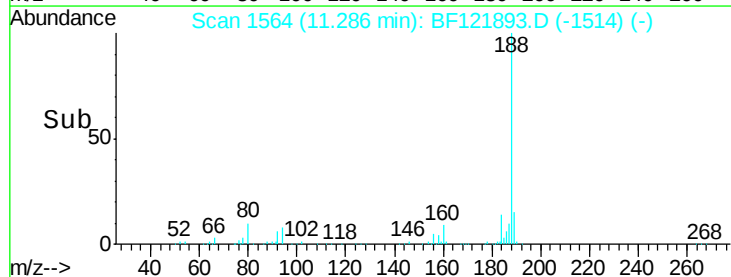
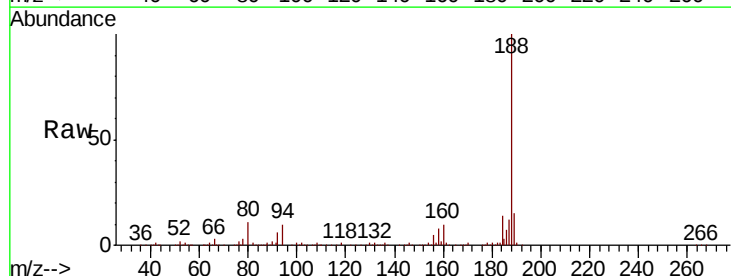
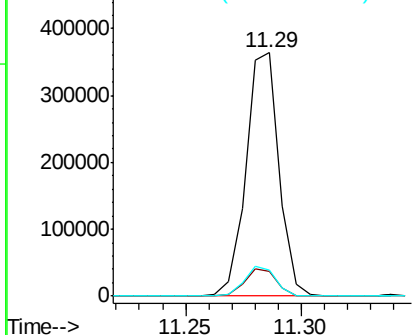
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

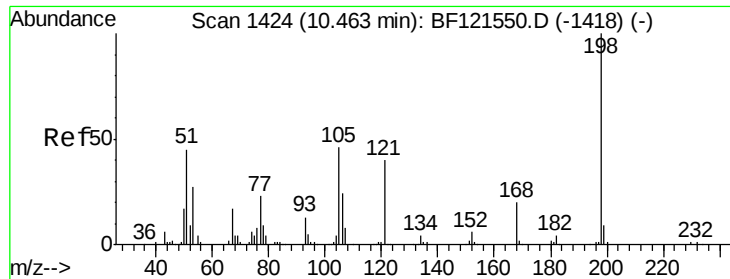


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.3	12.5
80	10.6	9.1	13.7

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





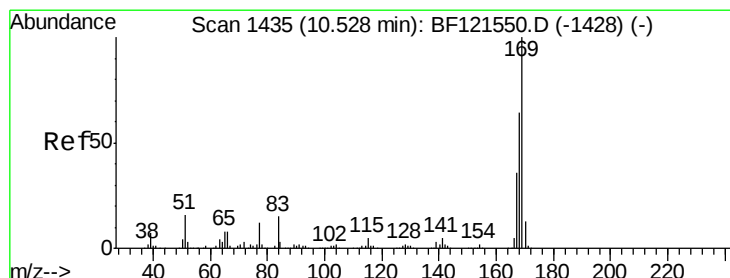
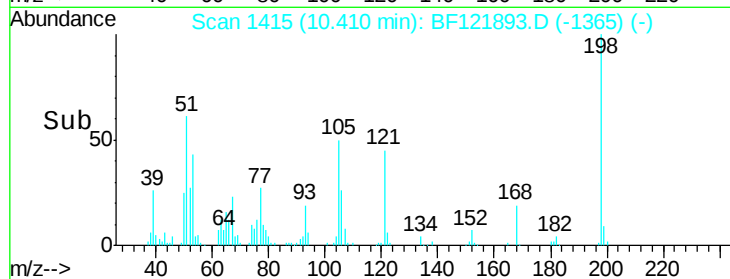
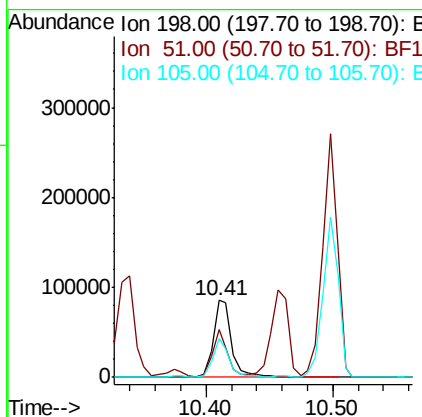
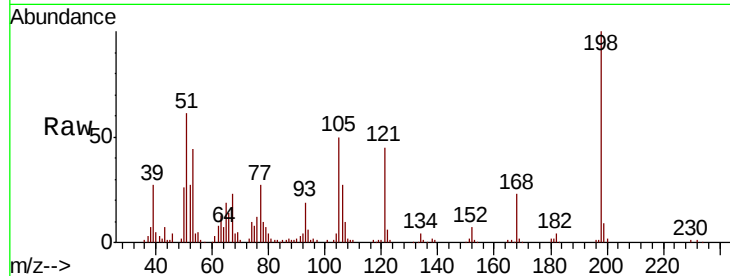
#65
4,6-Dinitro-2-methylphenol
Concen: 40.715 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

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

Tot Ion	Ratio	Lower	Upper
198	100		
51	61.4	29.6	69.6
105	49.9	24.4	64.4

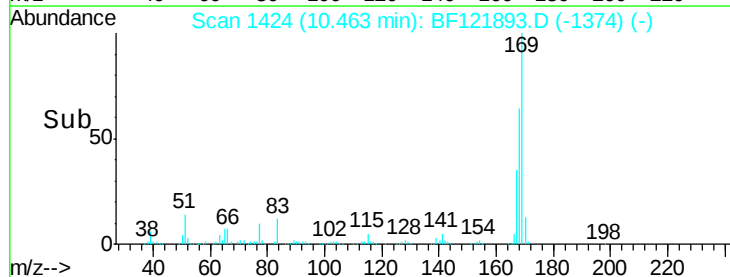
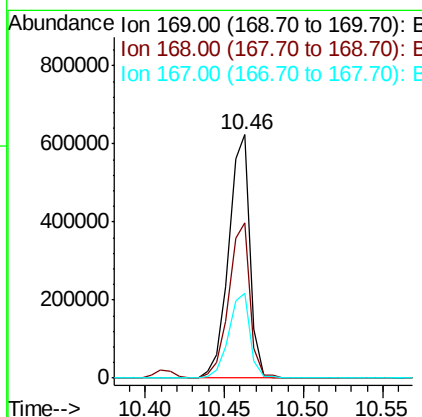
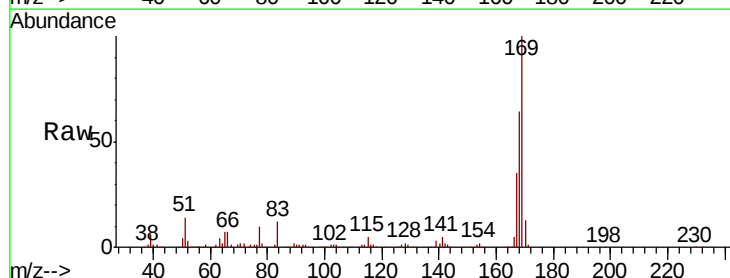
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#66
n-Nitrosodiphenylamine
Concen: 46.220 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

Tgt Ion	Ratio	Lower	Upper
169	100		
168	63.9	50.0	75.0
167	35.0	27.8	41.6





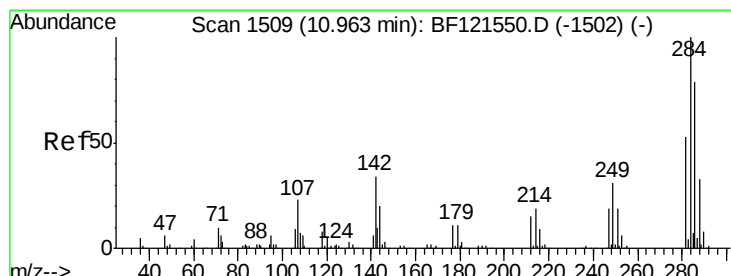
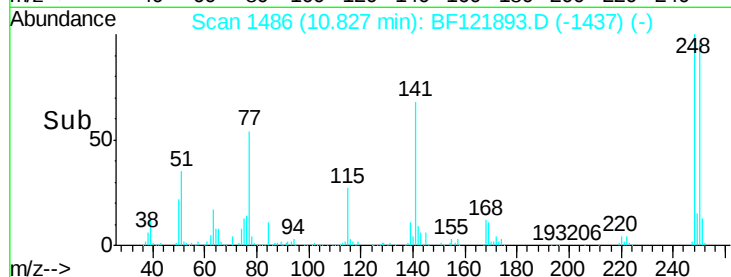
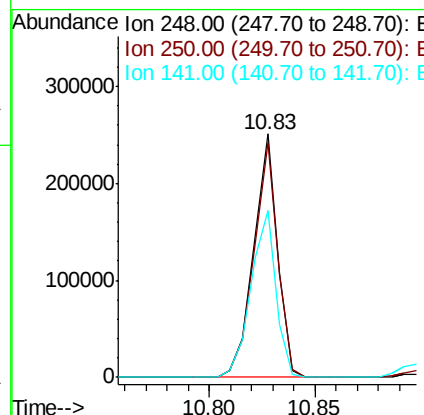
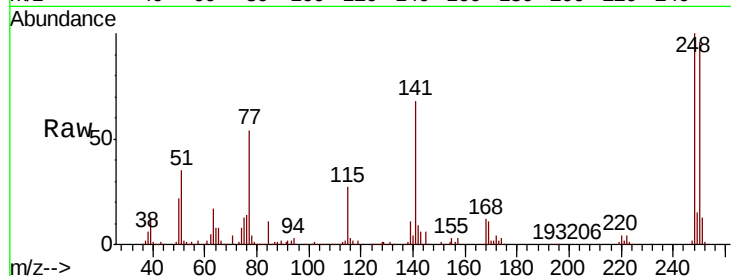
#67
 4-Bromophenyl-phenylether
 Concen: 47.793 ng
 RT: 10.83 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BF121893.D
 Acq: 8 Oct 2020 17:17

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.0	115.6
141	68.5	53.7	80.5

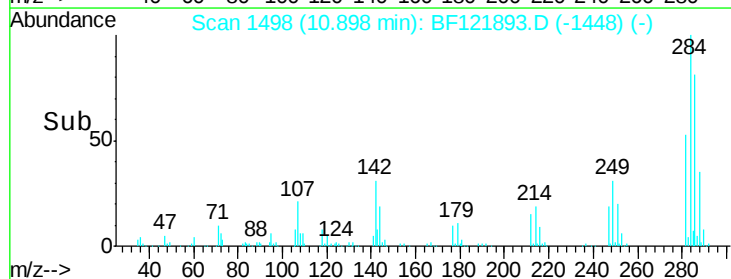
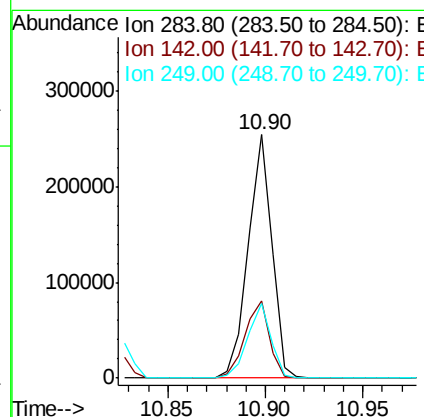
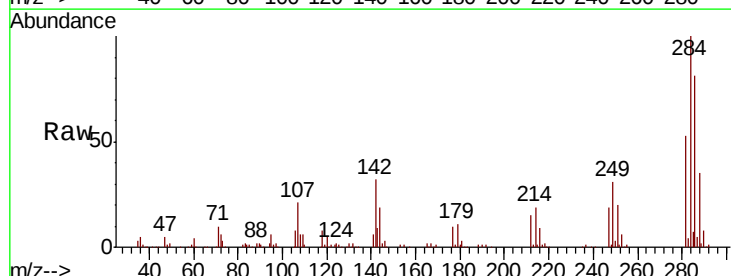
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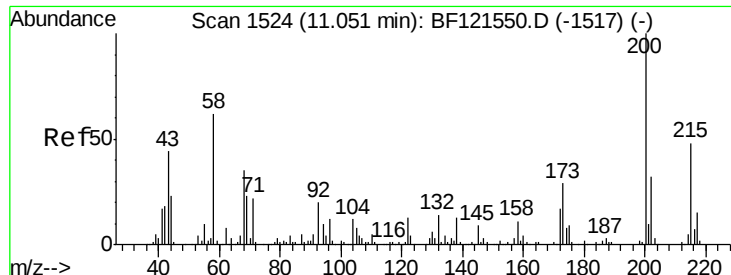
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#68
 Hexachlorobenzene
 Concen: 45.961 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BF121893.D
 Acq: 8 Oct 2020 17:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.6	27.4	41.2
249	30.8	24.2	36.4





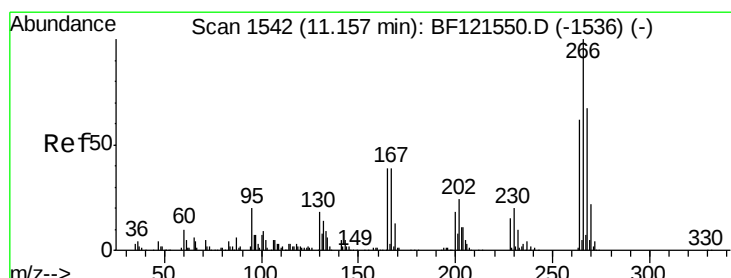
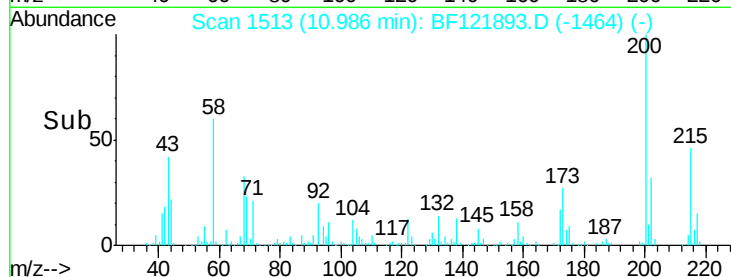
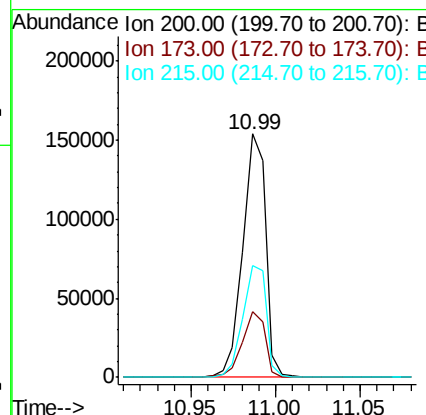
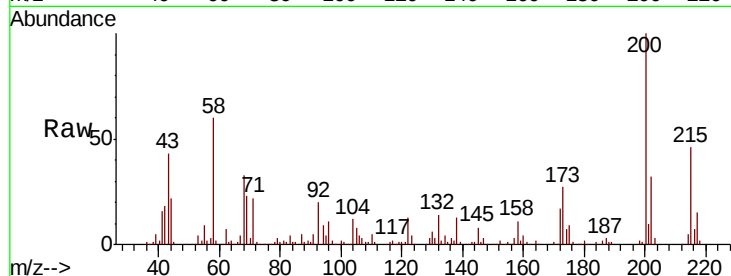
#69
Atrazine
Concen: 46.961 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.5	47.5
215	46.0	27.1	67.1

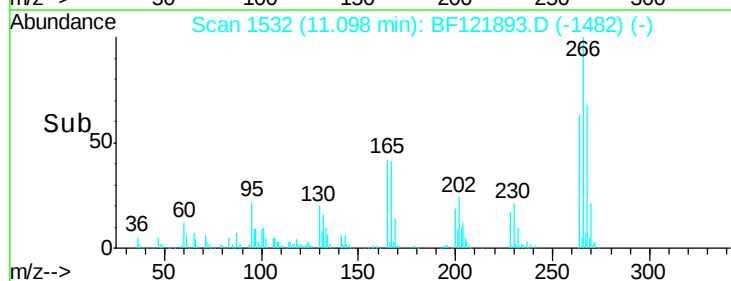
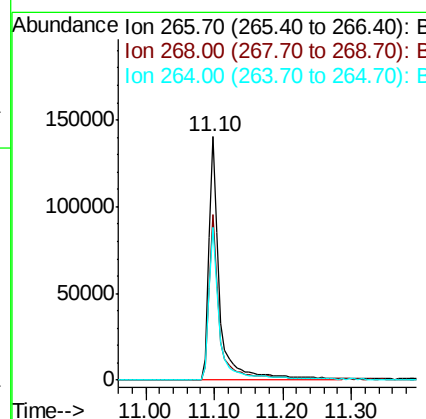
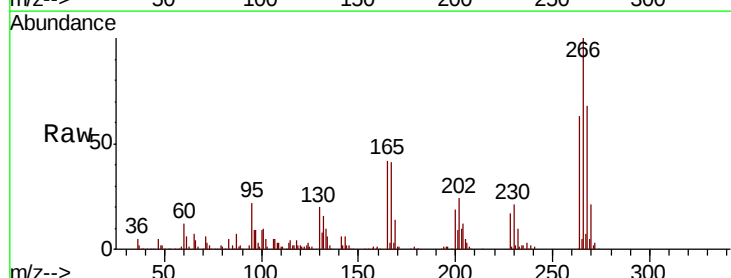
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#70
Pentachlorophenol
Concen: 63.590 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.9	52.4	78.6
264	62.6	49.9	74.9





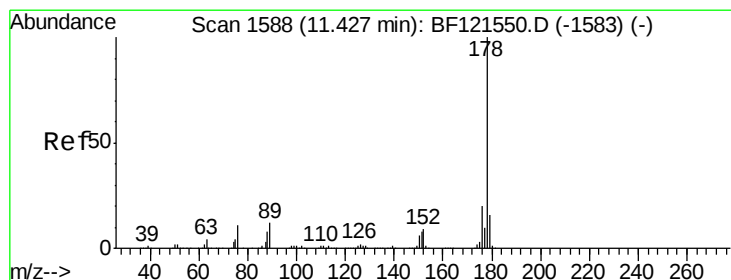
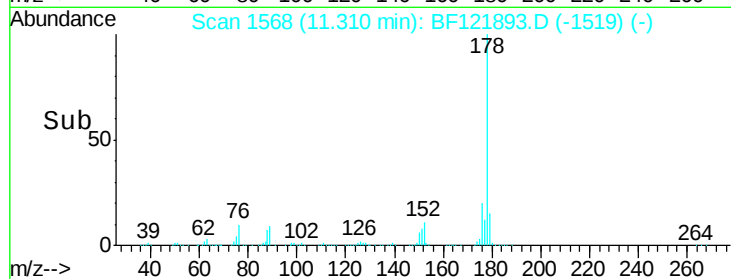
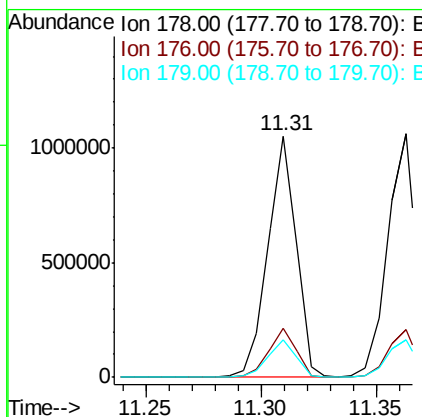
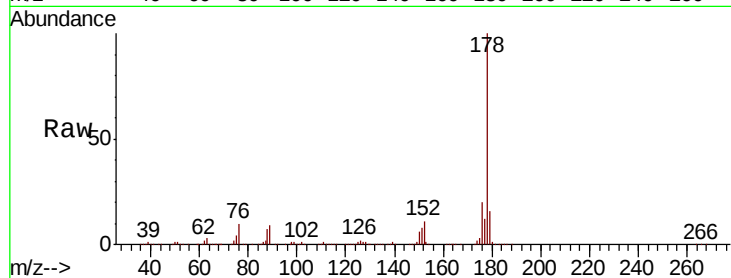
#71
Phenanthrene
Concen: 45.369 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.9	23.9
179	15.5	12.2	18.4

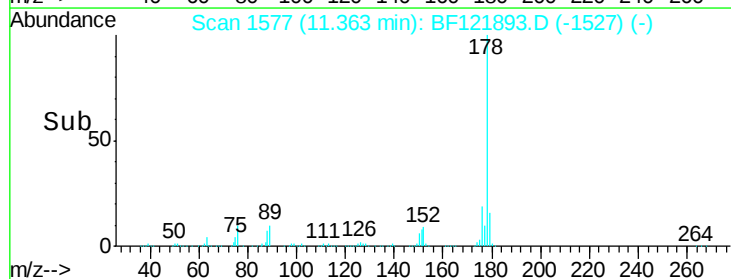
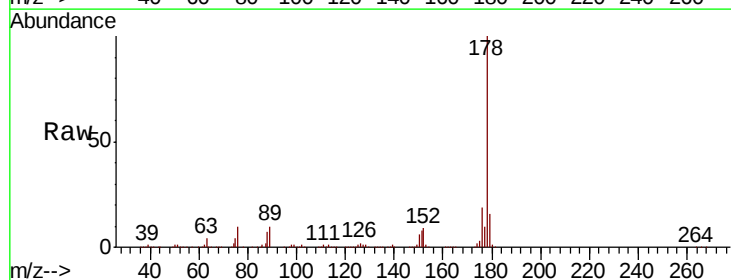
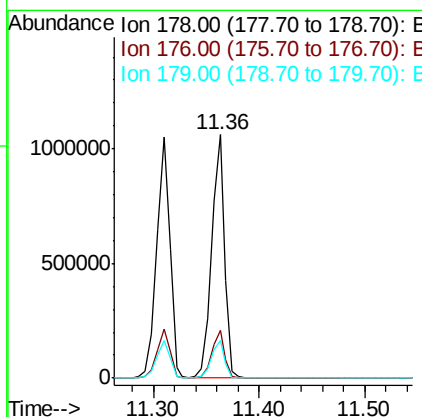
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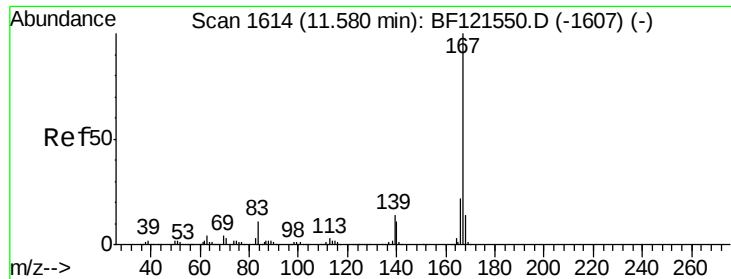
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#72
Anthracene
Concen: 45.178 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	15.6	12.7	19.1





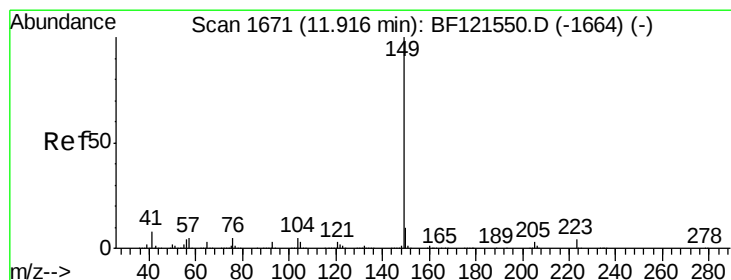
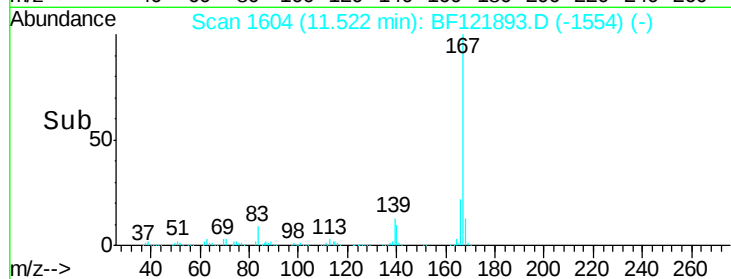
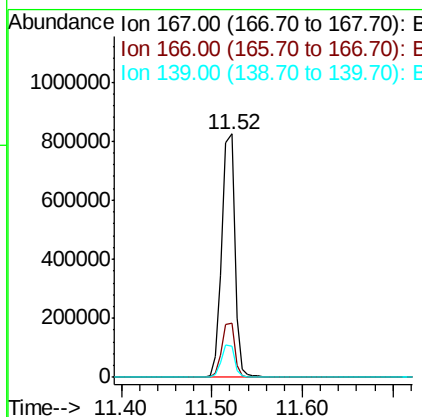
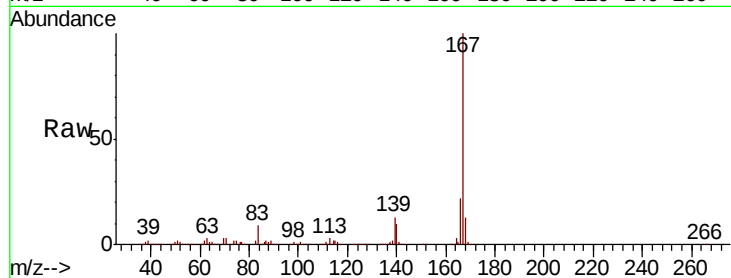
#73
 Carbazole
 Concen: 44.178 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF121893.D
 Acq: 8 Oct 2020 17:17

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.6
139	12.9	10.8	16.2

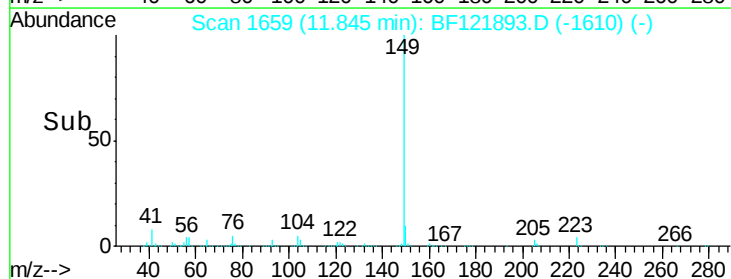
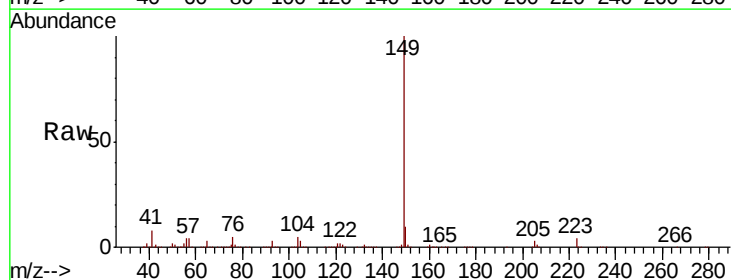
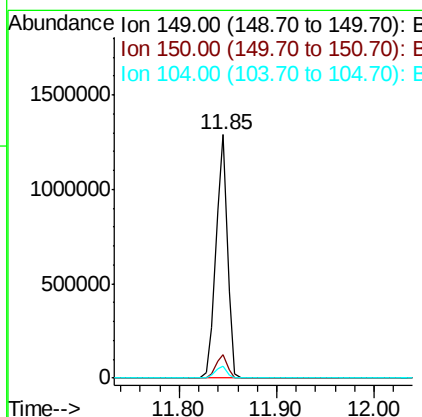
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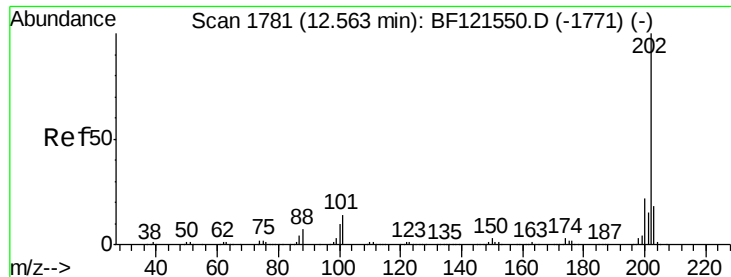
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#74
 Di-n-butylphthalate
 Concen: 49.329 ng
 RT: 11.85 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BF121893.D
 Acq: 8 Oct 2020 17:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.2	4.2	6.2





#75

Fluoranthene

Concen: 42.692 ng

RT: 12.50 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BF121893.D

Acq: 8 Oct 2020 17:17

Instrument :

BNA_F

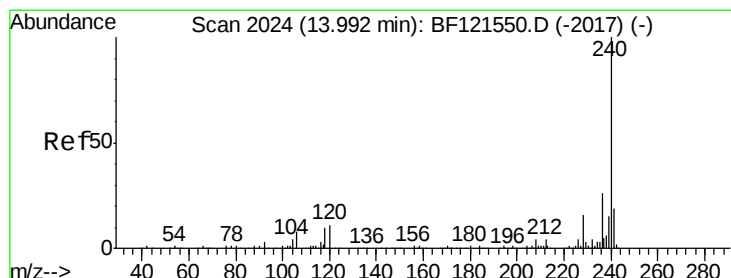
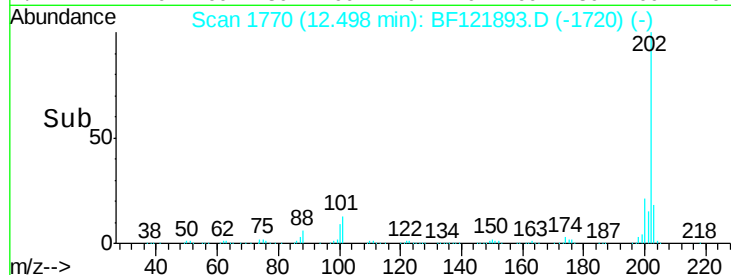
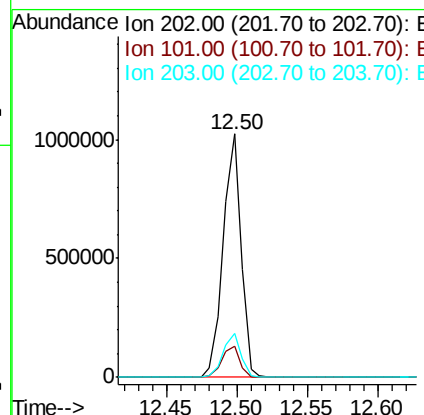
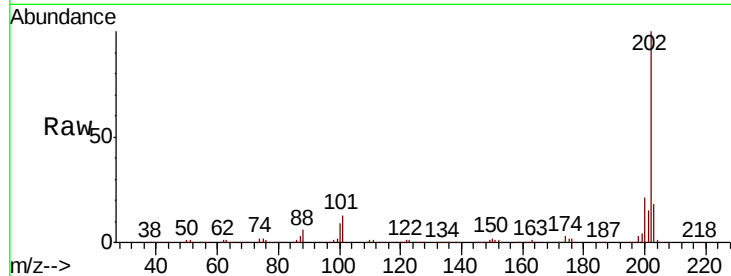
ClientSampleId :

OWLS-HEAD-BH-04-BMS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.6	0.0	33.4
203	17.9	0.0	37.9

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#76

Chrysene-d12

Concen: 20.000 ng

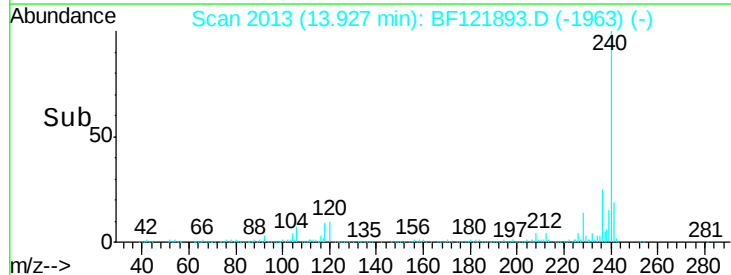
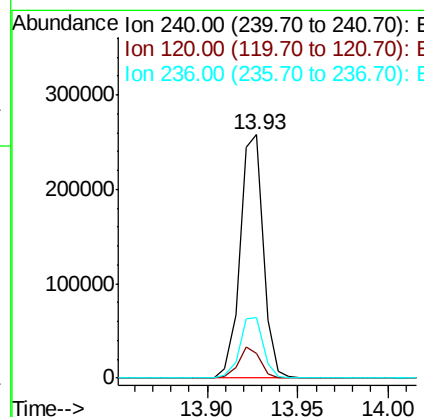
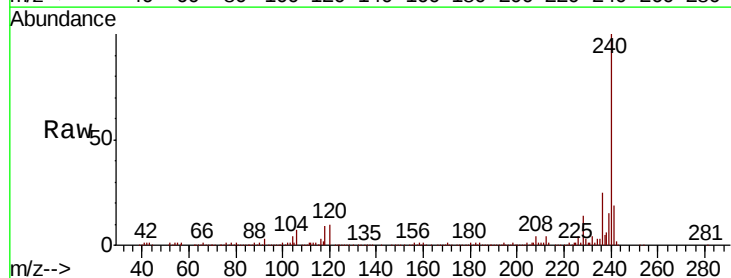
RT: 13.93 min Scan# 2013

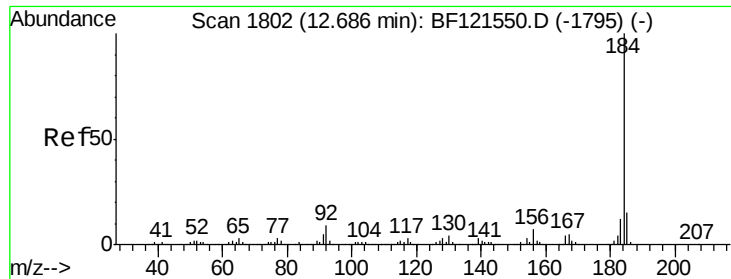
Delta R.T. -0.01 min

Lab File: BF121893.D

Acq: 8 Oct 2020 17:17

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.9	9.2	13.8
236	25.1	20.9	31.3





#77

Benzidine

Concen: 52.950 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF121893.D

Acq: 8 Oct 2020 17:17

Instrument :

BNA_F

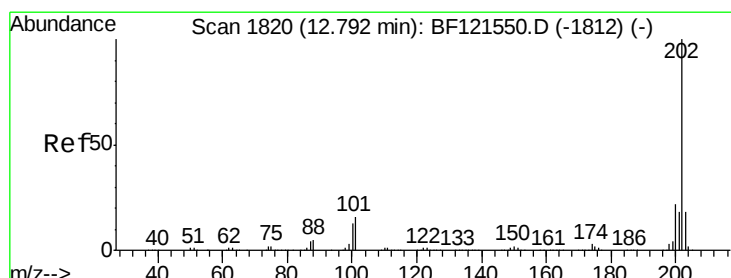
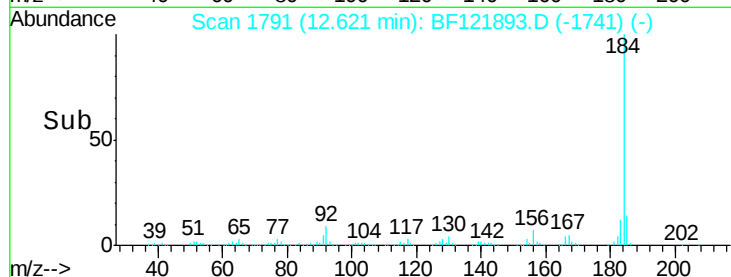
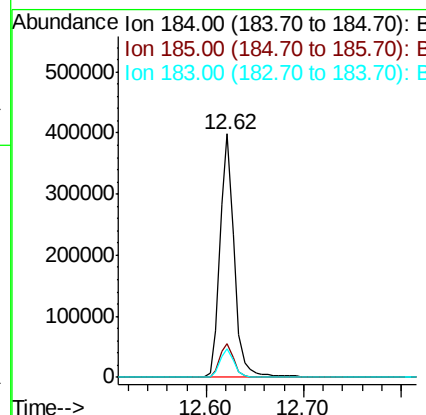
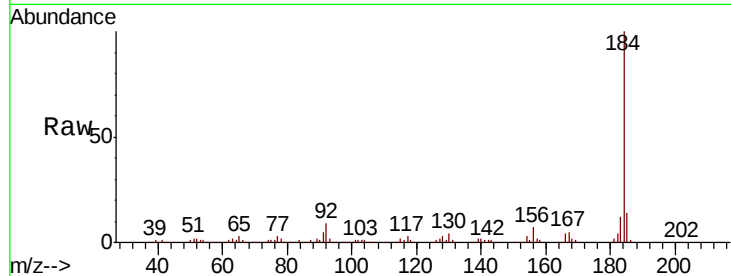
ClientSampleId :

OWLS-HEAD-BH-04-BMS

Tot Ion:	184	Resp:	403090
Ion Ratio	Lower	Upper	
184	100		
185	13.9	11.6	17.4
183	11.5	9.4	14.0

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#78

Pyrene

Concen: 52.678 ng

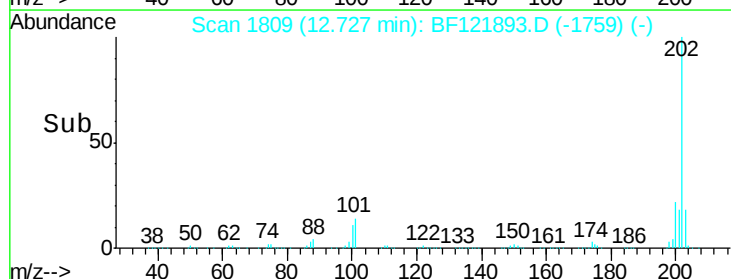
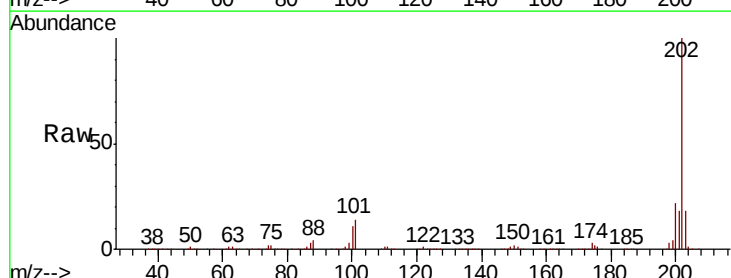
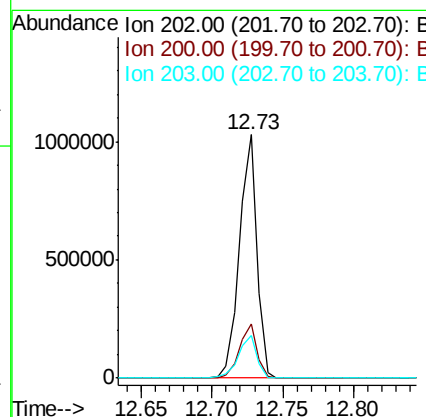
RT: 12.73 min Scan# 1809

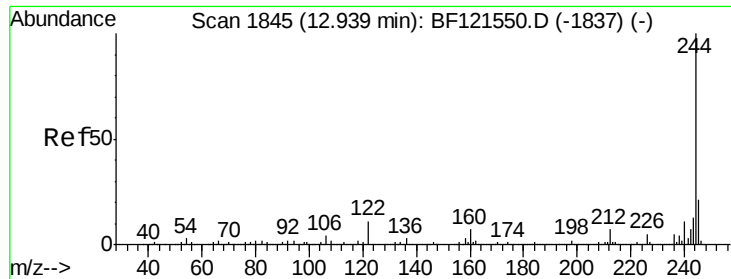
Delta R.T. -0.01 min

Lab File: BF121893.D

Acq: 8 Oct 2020 17:17

Tgt Ion:	202	Resp:	883800
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.4	26.2
203	17.7	14.6	21.8





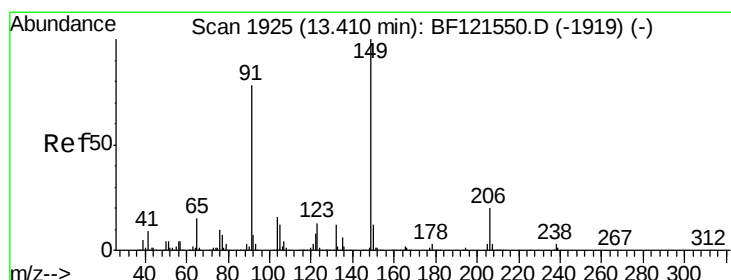
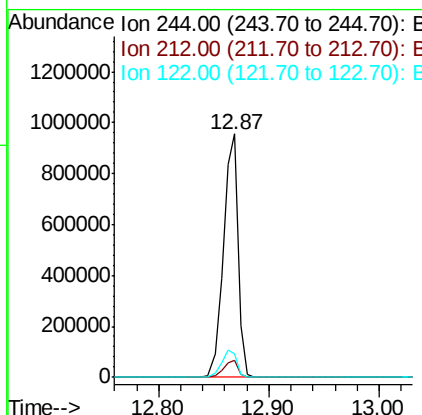
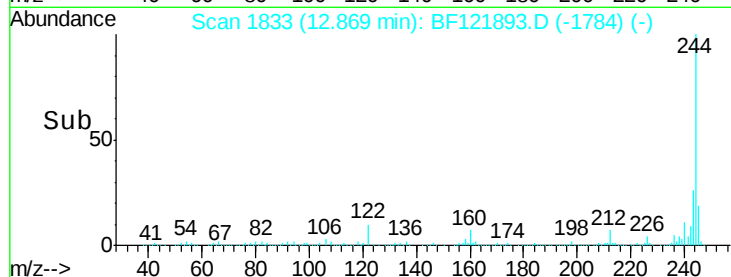
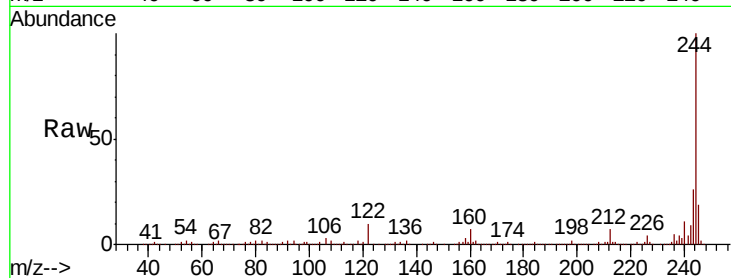
#79
 Terphenyl-d14
 Concen: 78.025 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF121893.D
 Acq: 8 Oct 2020 17:17

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	9.9	8.1	12.1

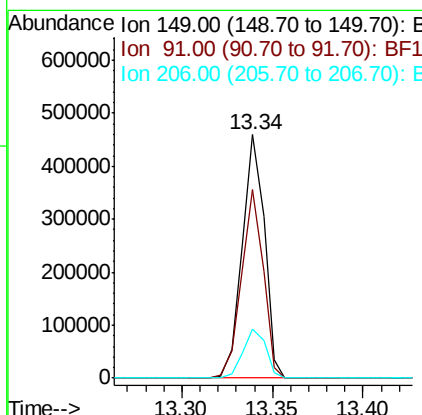
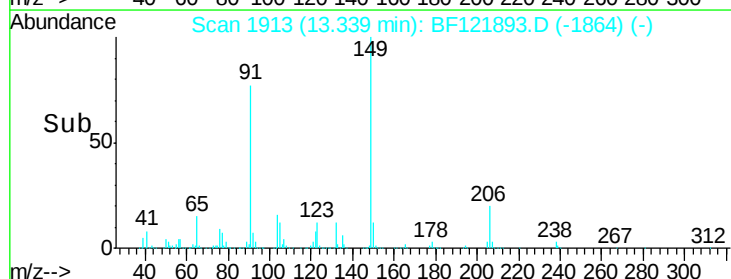
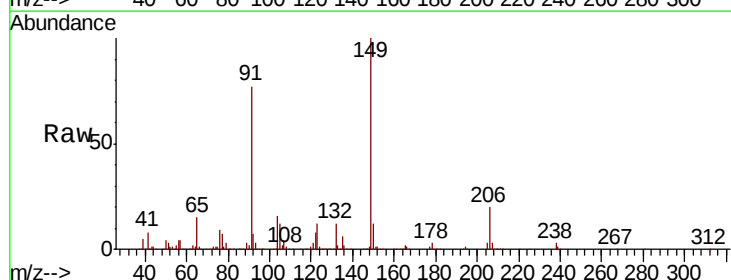
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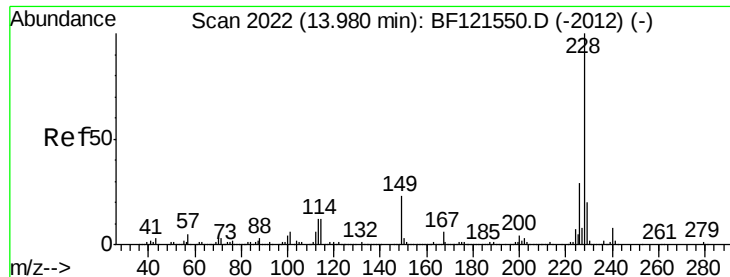
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#80
 Butylbenzylphthalate
 Concen: 58.053 ng
 RT: 13.34 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF121893.D
 Acq: 8 Oct 2020 17:17

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.5	61.0	91.4
206	20.1	16.7	25.1





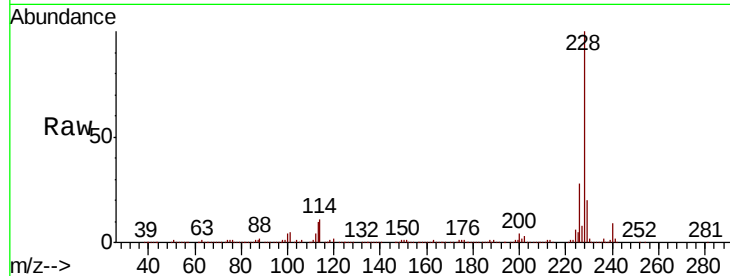
#81
Benzo(a)anthracene
Concen: 49.152 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.3	33.5
229	20.0	16.2	24.4

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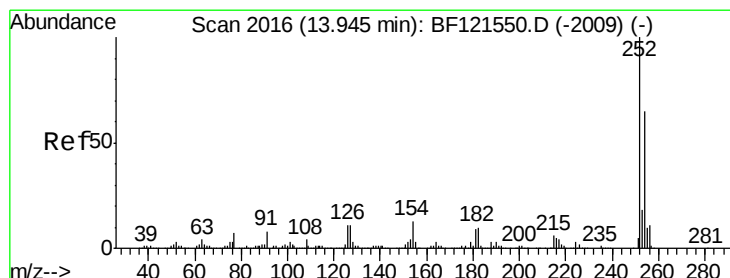
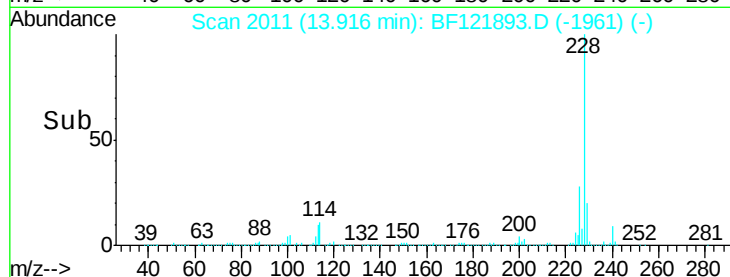
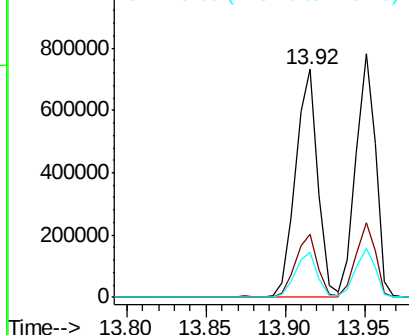


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 37.738 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

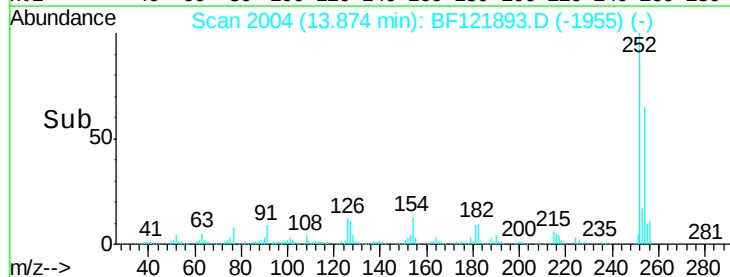
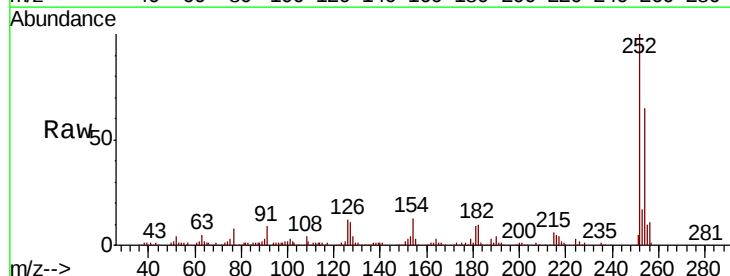
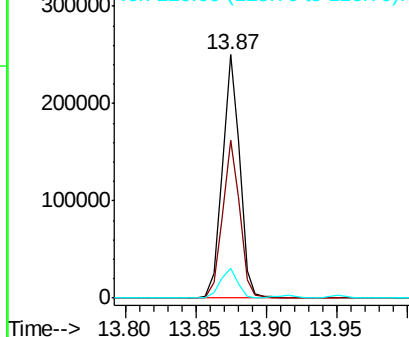
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.8	77.6
126	12.3	8.8	13.2

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

Chrvsene

Concen: 45.961 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF121893.D

Acq: 8 Oct 2020 17:17

Instrument :

BNA_F

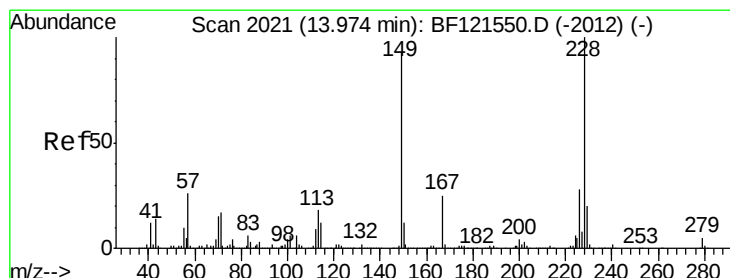
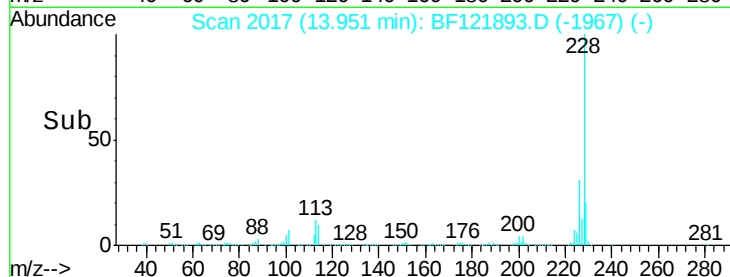
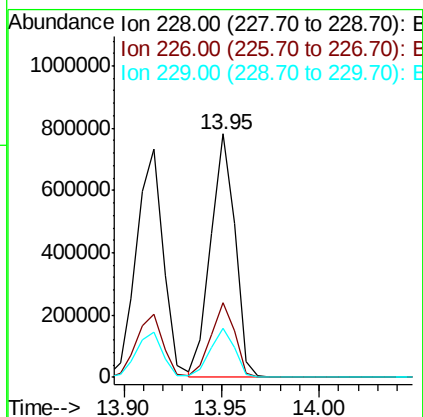
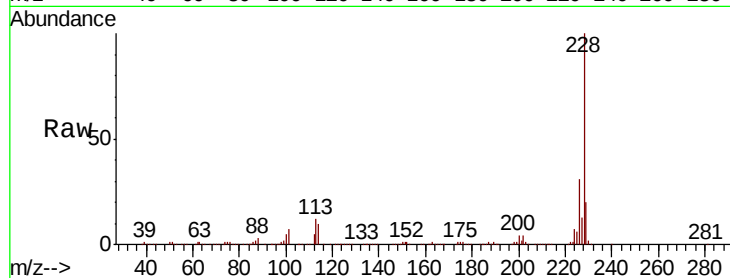
ClientSampleId :

OWLS-HEAD-BH-04-BMS

Tot Ion:	228	Resp:	676131
Ion Ratio		Lower	Upper
228	100		
226	30.8	24.6	37.0
229	20.1	15.9	23.9

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#84

Bis(2-ethylhexyl)phthalate

Concen: 61.457 ng

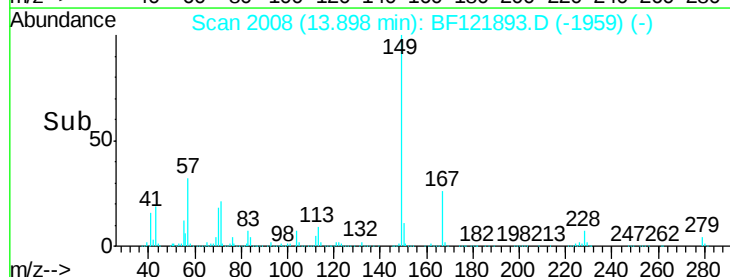
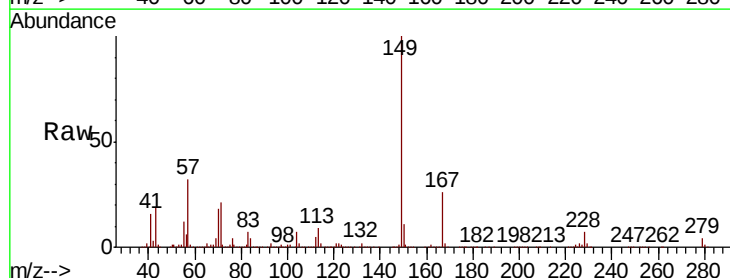
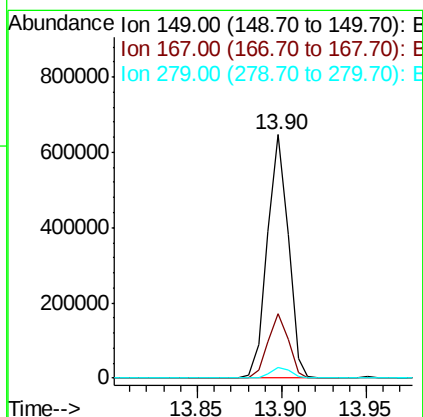
RT: 13.90 min Scan# 2008

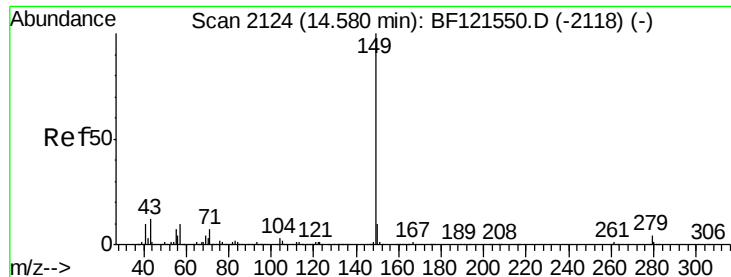
Delta R.T. -0.01 min

Lab File: BF121893.D

Acq: 8 Oct 2020 17:17

Tgt Ion:	149	Resp:	557086
Ion Ratio		Lower	Upper
149	100		
167	26.4	20.9	31.3
279	4.3	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 54.906 ng

RT: 14.51 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BF121893.D

Acq: 8 Oct 2020 17:17

Instrument :

BNA_F

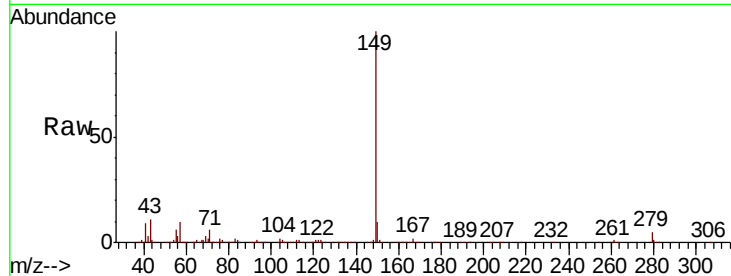
ClientSampleId :

OWLS-HEAD-BH-04-BMS

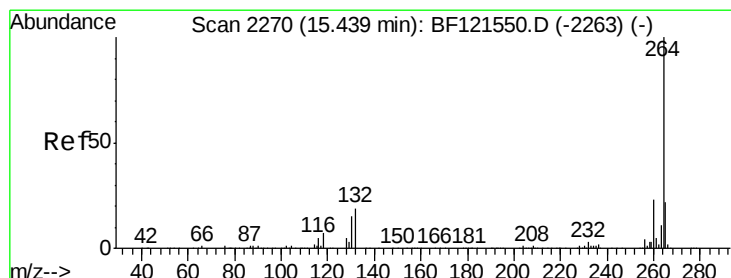
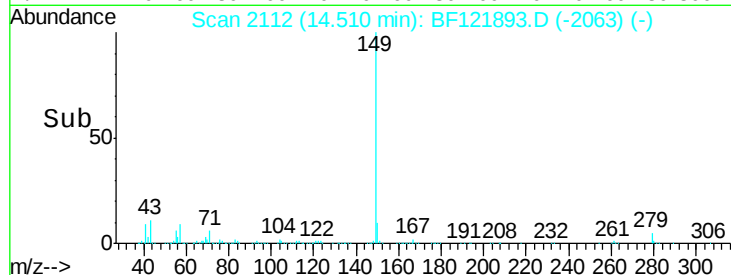
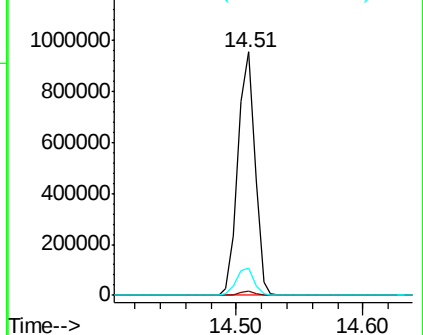
Tot Ion:	149	Resp:	878352
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	11.4	9.0	13.6

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



#86

Perylene-d12

Concen: 20.000 ng

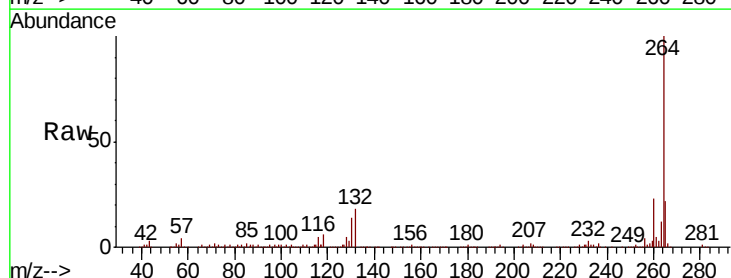
RT: 15.36 min Scan# 2257

Delta R.T. 0.00 min

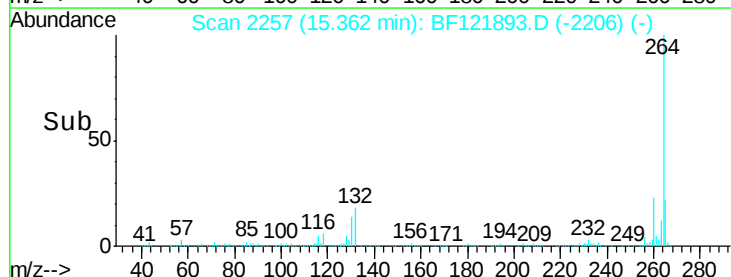
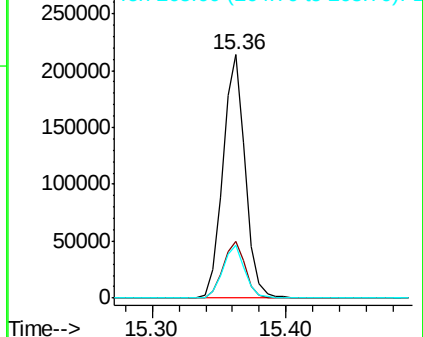
Lab File: BF121893.D

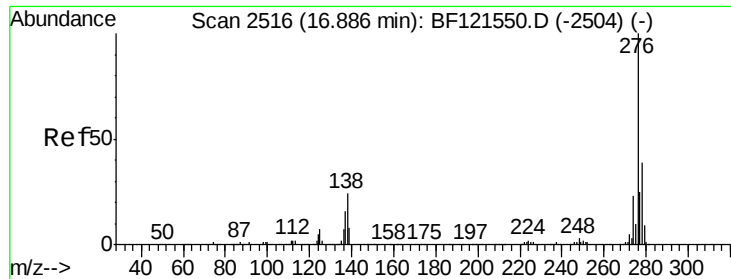
Acq: 8 Oct 2020 17:17

Tgt Ion:	264	Resp:	251032
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.7	28.1
265	21.7	17.3	25.9



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





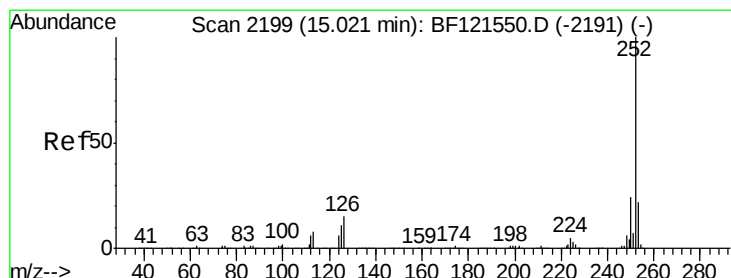
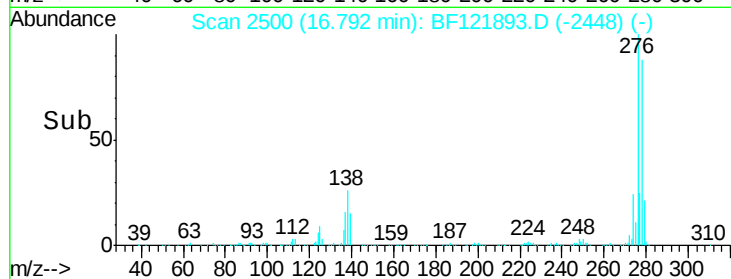
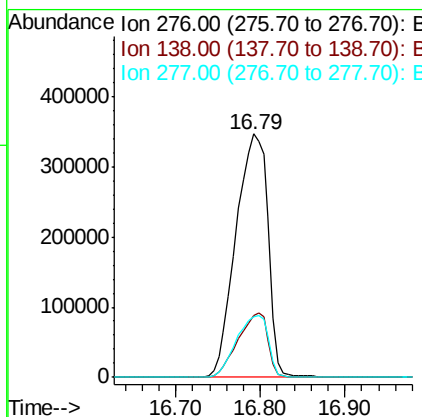
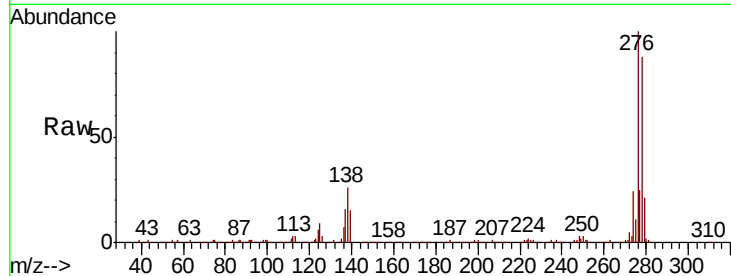
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 56.169 ng
 RT: 16.79 min Scan# 2500
 Delta R.T. 0.01 min
 Lab File: BF121893.D
 Acq: 8 Oct 2020 17:17

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.9	29.9
277	25.4	20.4	30.6

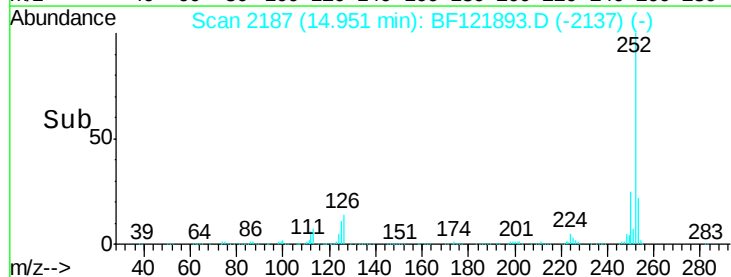
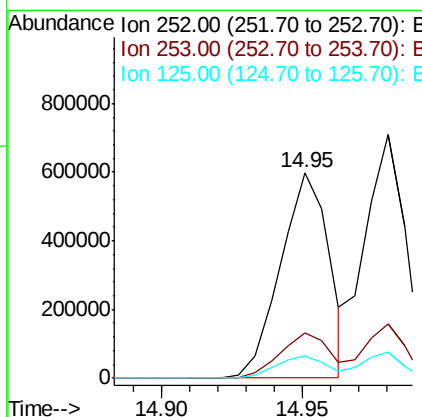
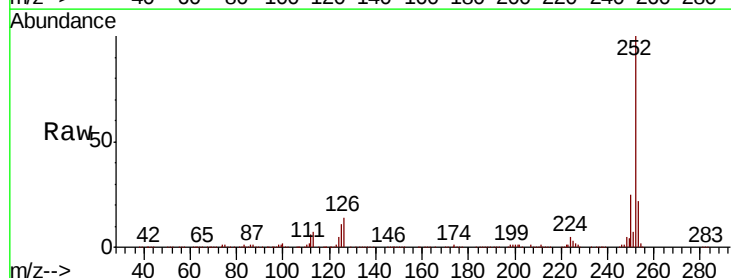
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#88
 Benzo(b)fluoranthene
 Concen: 42.633 ng
 RT: 14.95 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BF121893.D
 Acq: 8 Oct 2020 17:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	10.7	8.0	12.0





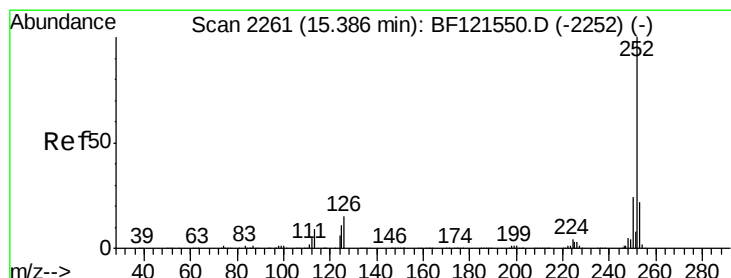
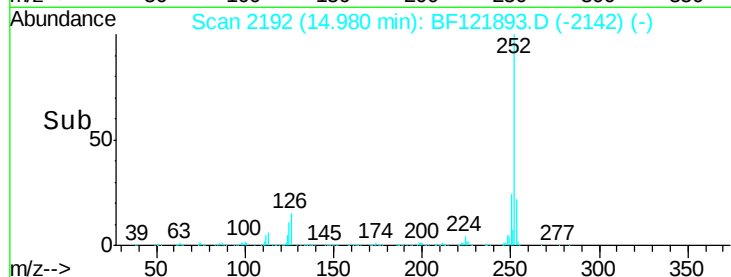
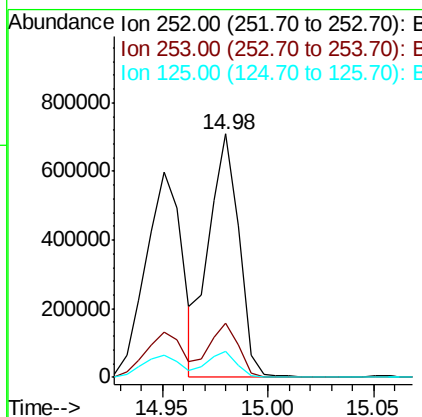
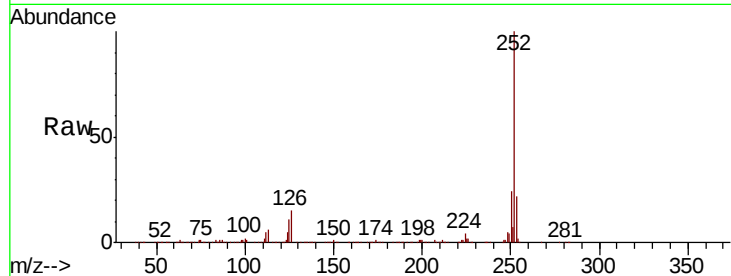
#89
Benzo(k)fluoranthene
Concen: 45.508 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	10.8	7.7	11.5

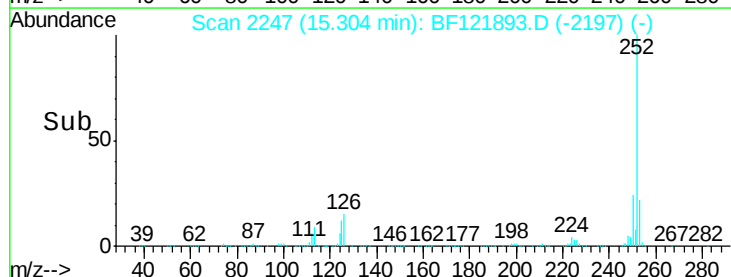
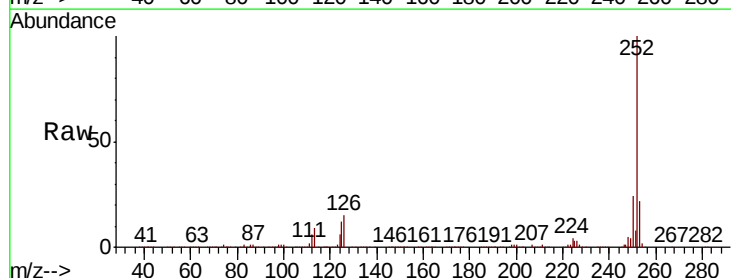
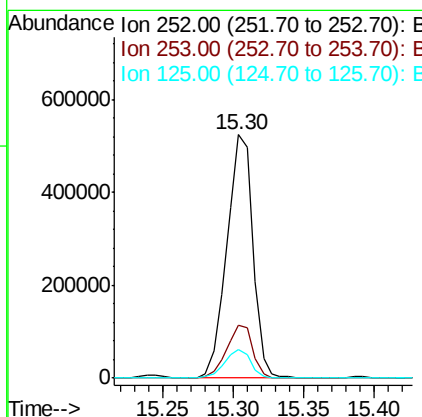
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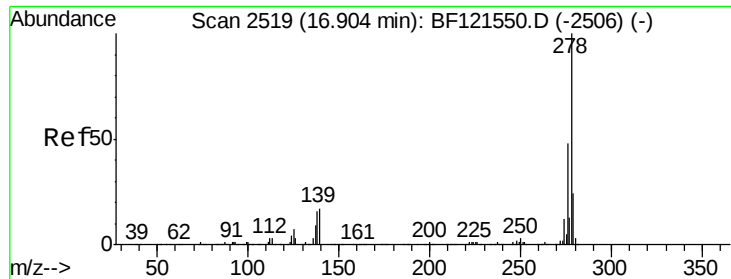
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#90
Benzo(a)pyrene
Concen: 47.188 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	12.0	8.6	13.0





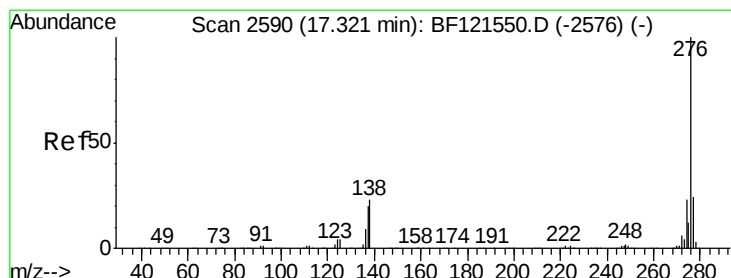
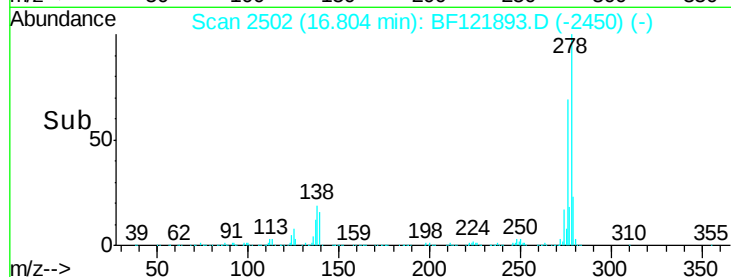
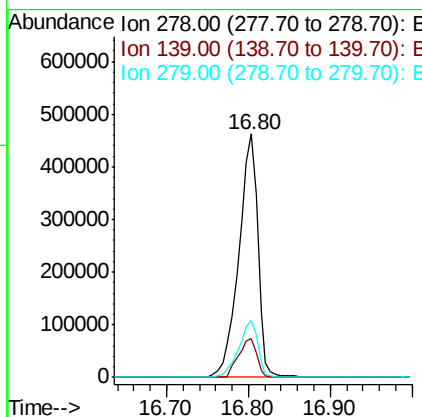
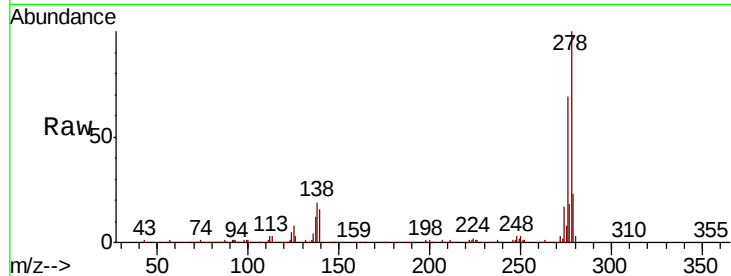
#91
Dibenzo(a,h)anthracene
Concen: 55.200 ng
RT: 16.80 min Scan# 2502
Delta R.T. 0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	13.0	19.4
279	23.3	19.0	28.4

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#92
Benzo(g,h,i)perylene
Concen: 58.982 ng
RT: 17.22 min Scan# 2573
Delta R.T. 0.01 min
Lab File: BF121893.D
Acq: 8 Oct 2020 17:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.4	29.2
138	21.6	17.8	26.6

