

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

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

Manual Integrations
 APPROVED

mohammad
 10/12/2020 11:31:32 AM

Quant Time: Oct 08 19:06:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

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

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

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.50	88	110206	34.731	ng	100
3) Pyridine	3.23	79	314620	35.866	ng	99
4) n-Nitrosodimethylamine	3.19	42	153031	37.610	ng	100
6) Aniline	6.42	93	261111	22.125	ng	# 6
8) 2-Chlorophenol	6.55	128	286967	40.808	ng	93
9) Benzaldehyde	6.31	77	67914	11.465	ng	99
10) Phenol	6.42	94	362507	37.568	ng	96
11) bis(2-Chloroethyl)ether	6.50	93	286631	39.412	ng	97
12) 1,3-Dichlorobenzene	6.70	146	311003	39.623	ng	99
13) 1,4-Dichlorobenzene	6.77	146	311571	39.533	ng	99
14) 1,2-Dichlorobenzene	6.93	146	298783	41.153	ng	98
15) Benzyl Alcohol	6.91	79	250151	40.616	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	455349	38.909	ng	90
17) 2-Methylphenol	7.03	107	232487	38.855	ng	94
18) Hexachloroethane	7.27	117	114953	40.735	ng	97
19) n-Nitroso-di-n-propylamine	7.18	70	209893	40.191	ng	98
20) 3+4-Methylphenols	7.18	107	295949	41.167	ng	# 72
22) Acetophenone	7.17	105	396859	38.793	ng	# 90
24) Nitrobenzene	7.35	77	315143	38.801	ng	100
25) Isophorone	7.59	82	565547	37.411	ng	99
26) 2-Nitrophenol	7.66	139	150346	39.783	ng	97
27) 2,4-Dimethylphenol	7.70	122	255749	37.900	ng	98
28) bis(2-Chloroethoxy)methane	7.79	93	366138	39.123	ng	100
29) 2,4-Dichlorophenol	7.91	162	242839	39.511	ng	98
30) 1,2,4-Trichlorobenzene	7.99	180	250487	38.698	ng	99
31) Naphthalene	8.06	128	821540	38.598	ng	99
32) Benzoic acid	7.85	122	133750	29.663	ng	97
33) 4-Chloroaniline	8.12	127	127181	13.785	ng	98
34) Hexachlorobutadiene	8.18	225	153847	40.493	ng	99
35) Caprolactam	8.49	113	79503m	38.844	ng	
36) 4-Chloro-3-methylphenol	8.62	107	259831	39.244	ng	99
37) 2-Methylnaphthalene	8.76	142	539254	38.660	ng	99
38) 1-Methylnaphthalene	8.86	142	501637	38.642	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	257426	38.992	ng	100

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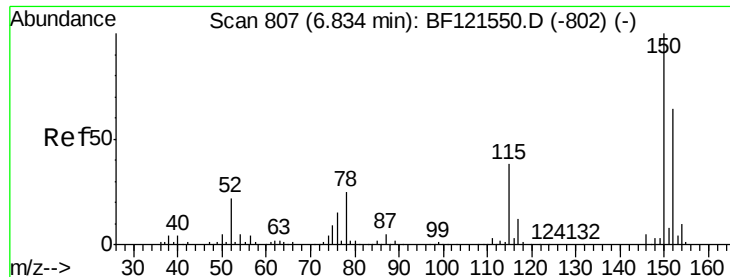
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 Response via : Initial Calibration

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

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



#1

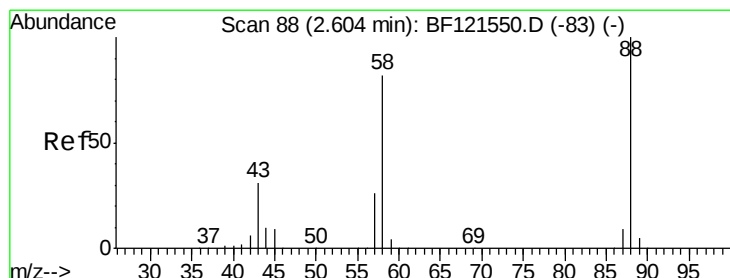
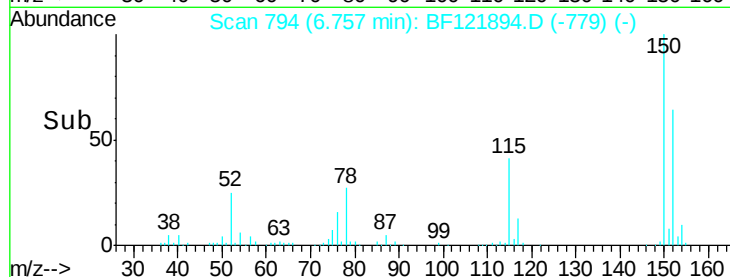
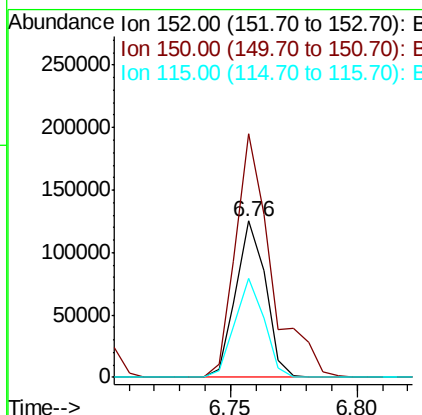
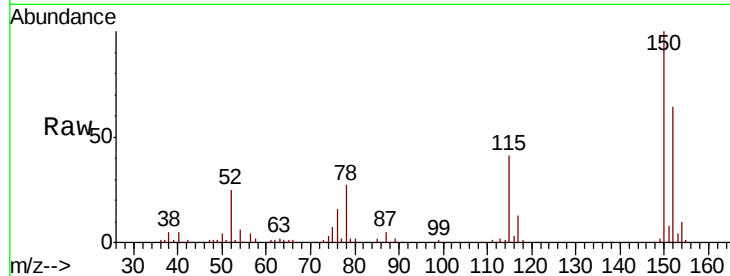
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

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

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

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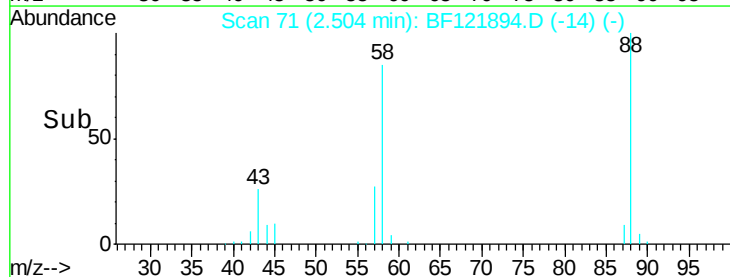
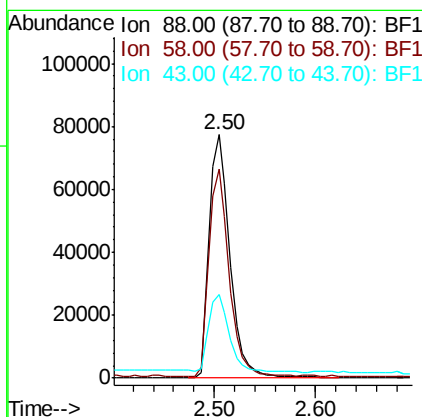
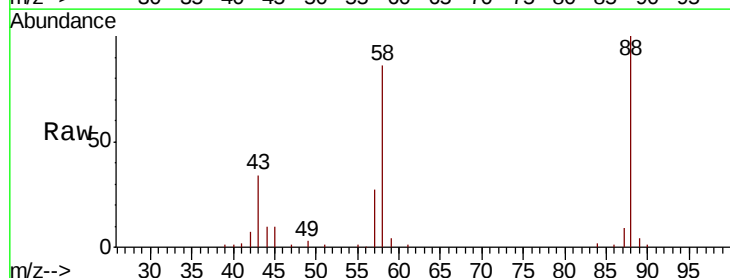
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#2

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

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





#3

Pvridine

Concen: 35.866 ng

RT: 3.23 min Scan# 195

Delta R.T. 0.04 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Instrument :

BNA_F

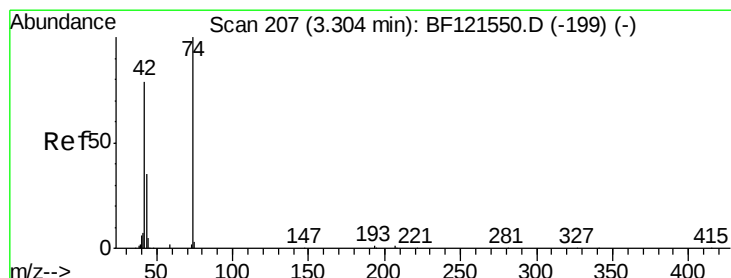
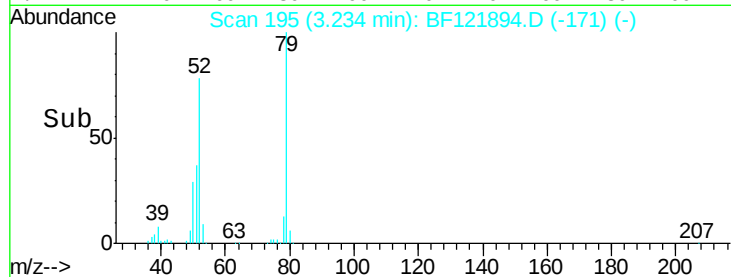
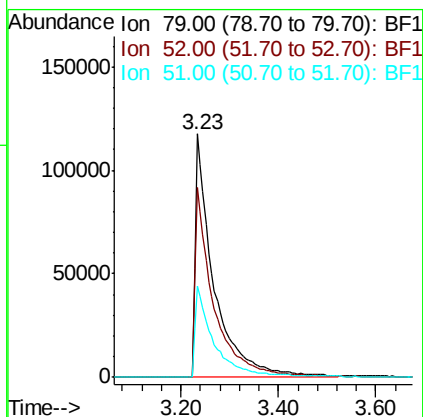
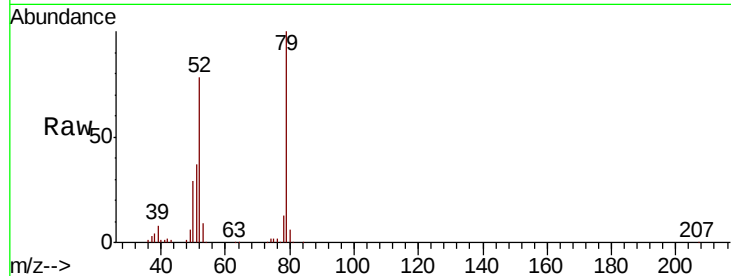
ClientSampleId :

OWLS-HEAD-BH-04-BMSD

Tot Ion:	79	Resp:	314620
Ion Ratio	Lower	Upper	
79	100		
52	78.0	62.2	93.4
51	37.5	31.1	46.7

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#4

n-Nitrosodimethylamine

Concen: 37.610 ng

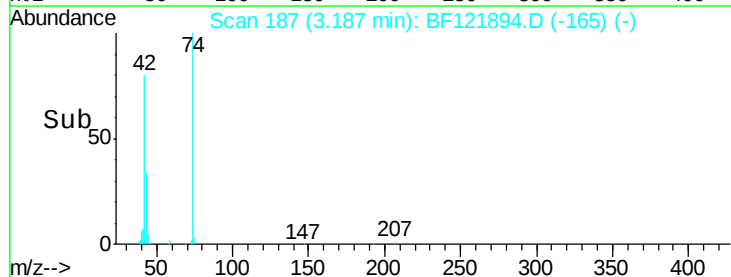
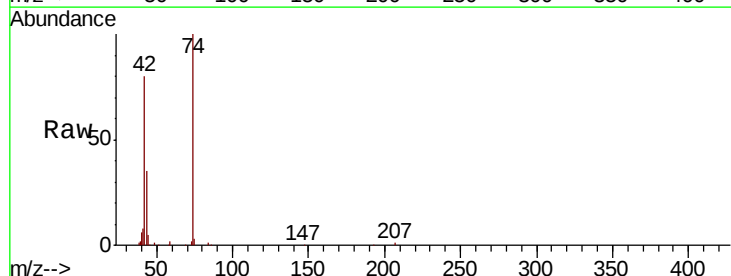
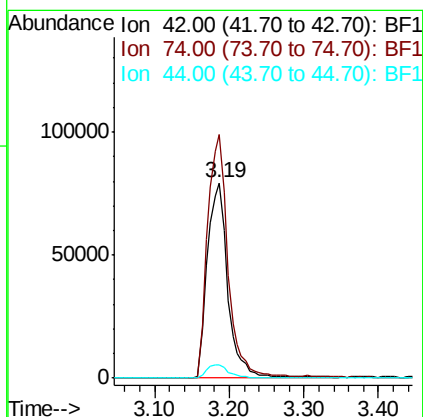
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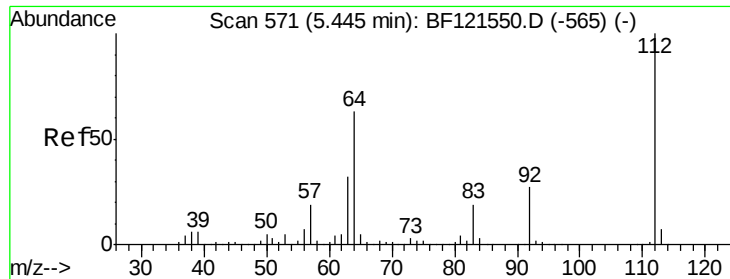
Delta R.T. 0.03 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Tgt Ion:	42	Resp:	153031
Ion Ratio	Lower	Upper	
42	100		
74	124.9	100.2	150.2
44	6.5	5.8	8.6





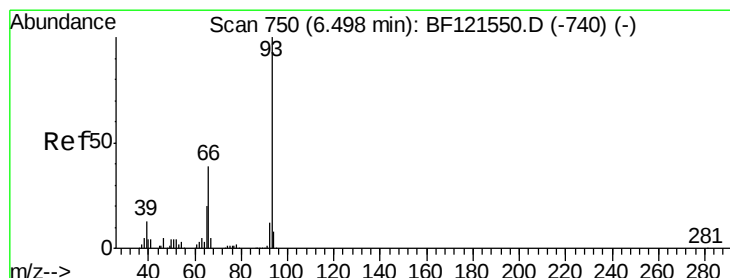
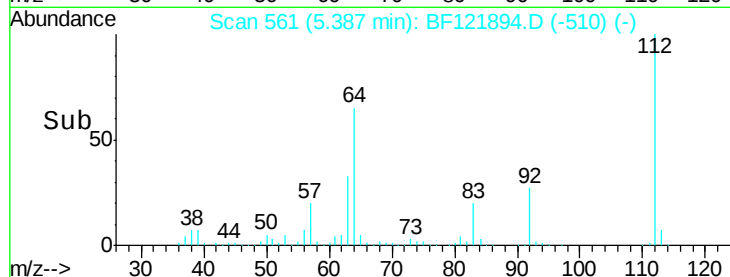
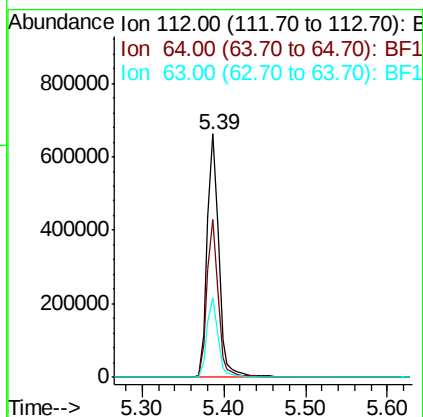
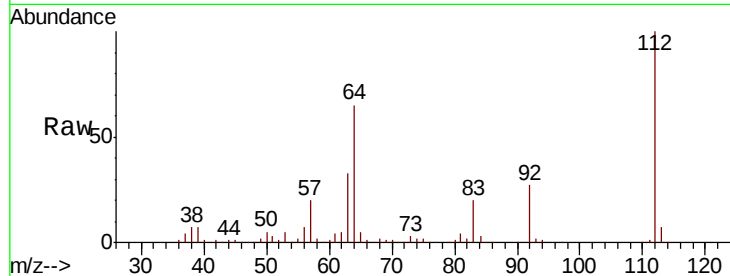
#5
2-Fluorophenol
Concen: 95.295 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

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

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

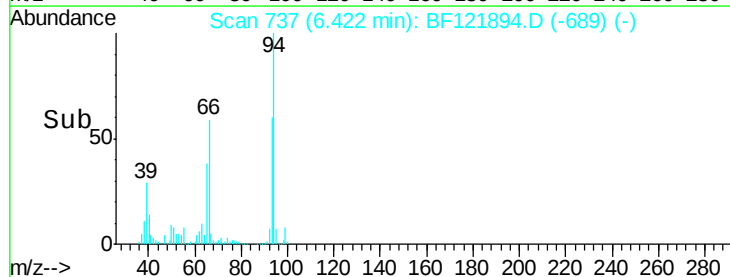
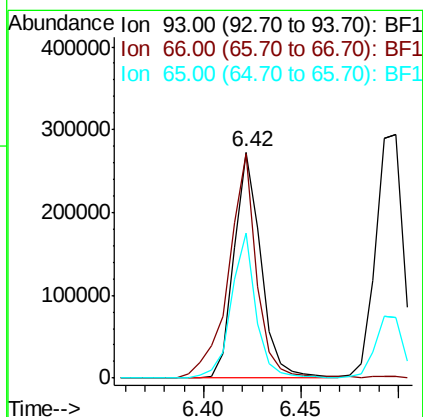
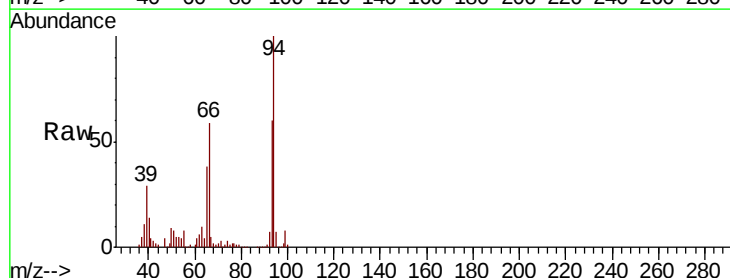
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#6
Aniline
Concen: 22.125 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

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





#7

Phenol-d6

Concen: 95.610 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Instrument :

BNA_F

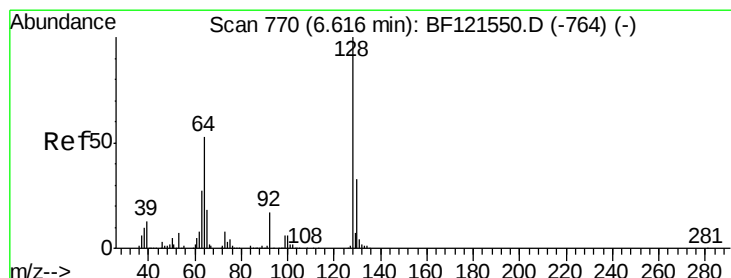
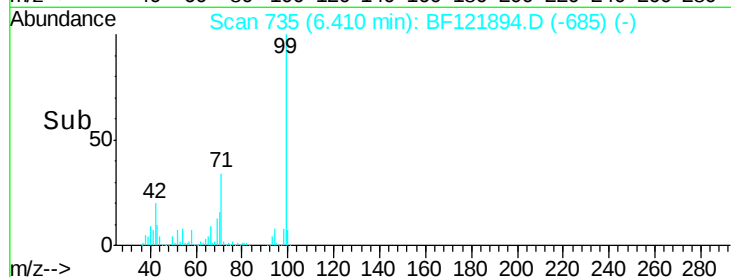
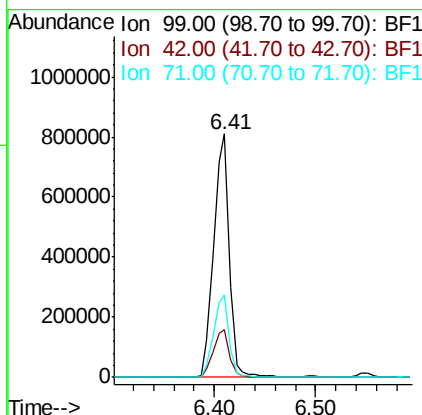
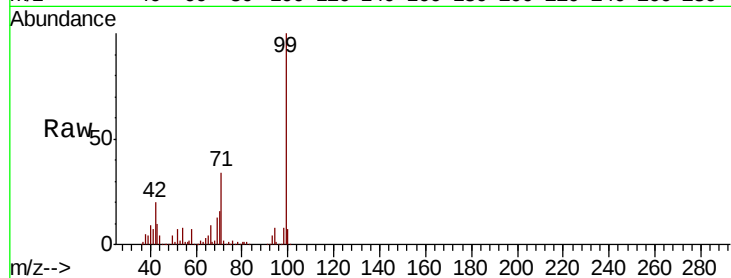
ClientSampleId :

OWLS-HEAD-BH-04-BMSD

Tot Ion:	99	Resp:	866361
Ion Ratio	Lower	Upper	
99	100		
42	19.5	15.9	23.9
71	33.7	27.1	40.7

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#8

2-Chlorophenol

Concen: 40.808 ng

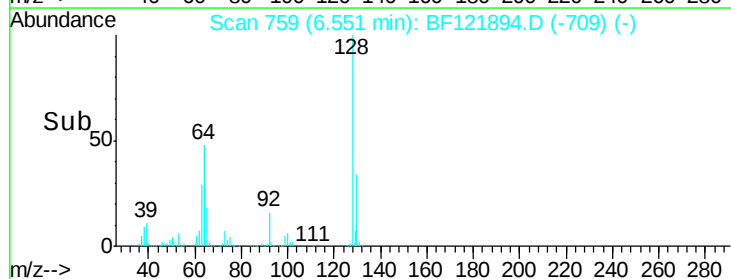
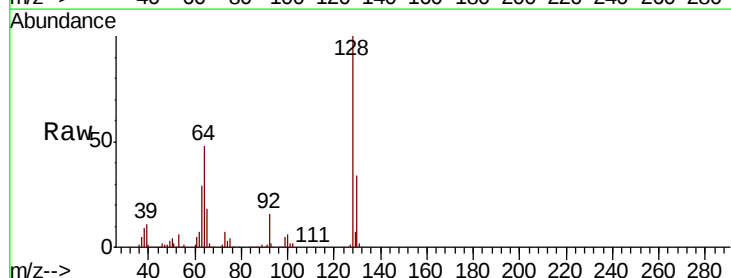
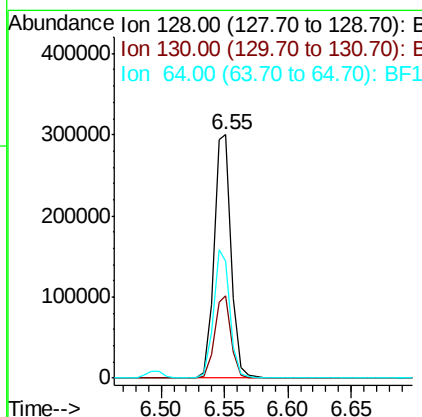
RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Tgt Ion:	128	Resp:	286967
Ion Ratio	Lower	Upper	
128	100		
130	33.7	12.4	52.4
64	48.1	34.8	74.8





#9

Benzaldehyde

Concen: 11.465 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Instrument :

BNA_F

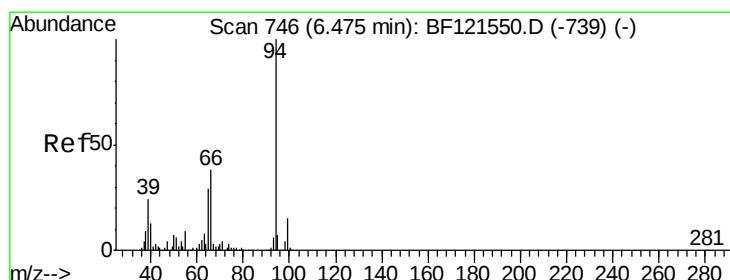
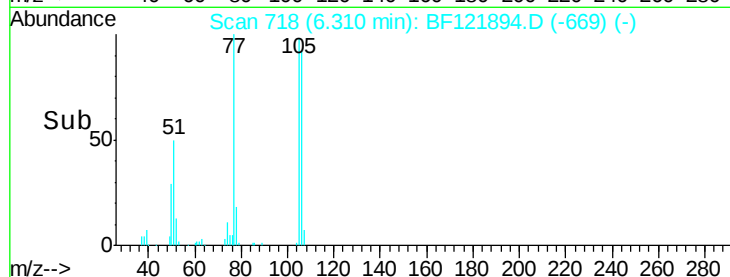
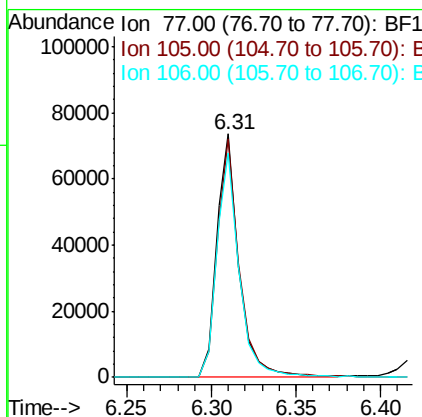
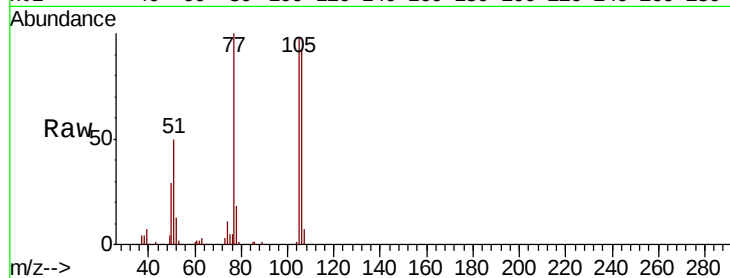
ClientSampleId :

OWLS-HEAD-BH-04-BMSD

Tot Ion:	77	Resp:	67914
Ion	Ratio	Lower	Upper
77	100		
105	97.7	76.7	116.7
106	92.1	71.3	111.3

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#10

Phenol

Concen: 37.568 ng

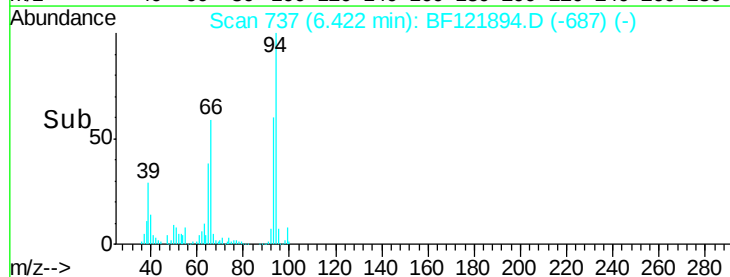
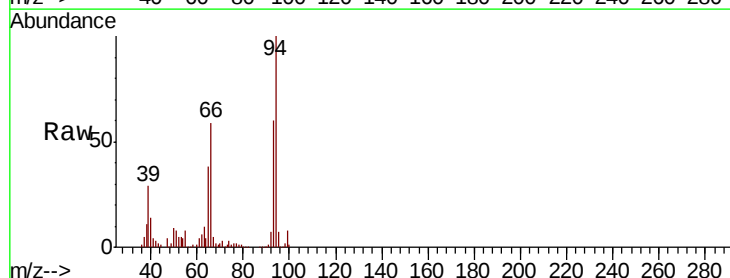
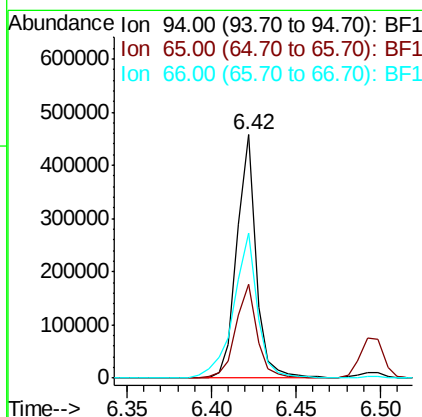
RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Tgt Ion:	94	Resp:	362507
Ion	Ratio	Lower	Upper
94	100		
65	38.3	17.1	57.1
66	59.3	36.0	76.0





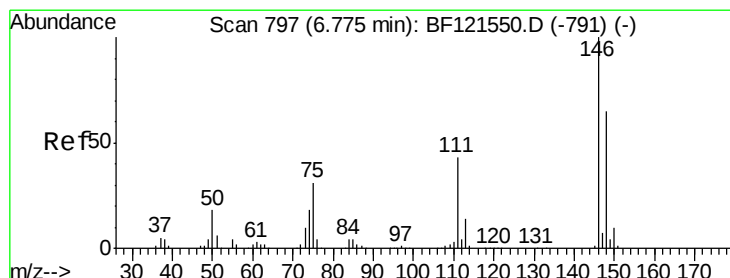
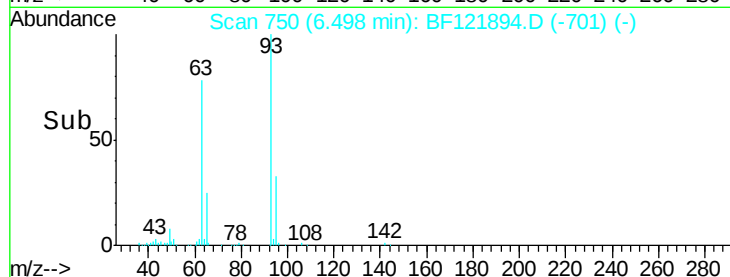
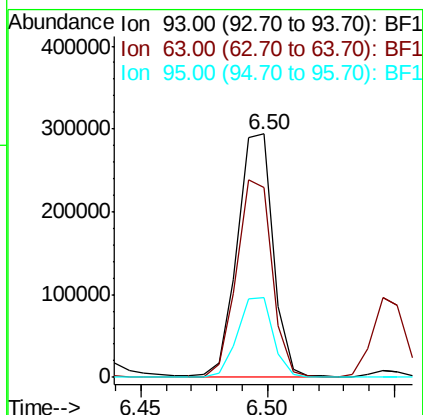
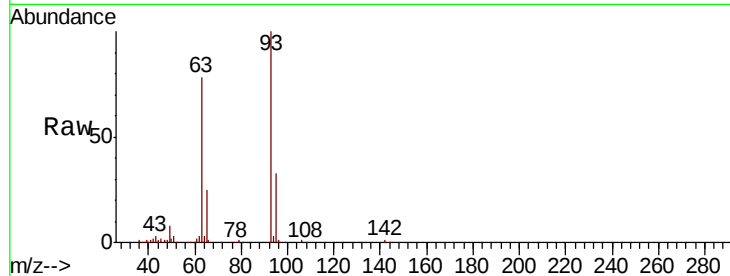
#11
bis(2-Chloroethyl)ether
Concen: 39.412 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		286631		
63	78.2	62.4	102.4		
95	32.7	12.6	52.6		

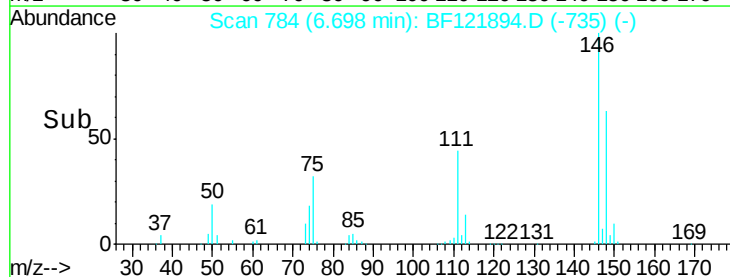
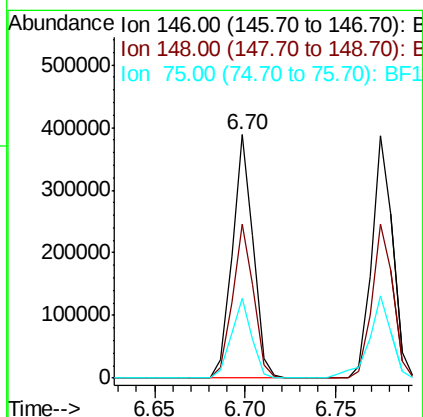
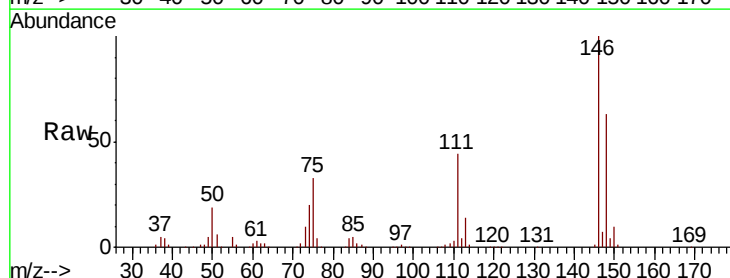
Manual Integrations
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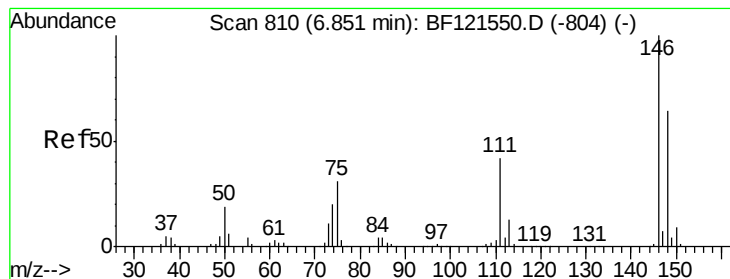
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.623 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		311003		
148	63.4	51.0	76.4		
75	32.6	27.6	41.4		





#13

1,4-Dichlorobenzene

Concen: 39.533 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Instrument :

BNA_F

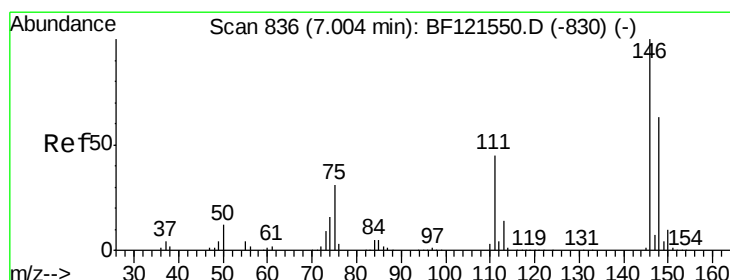
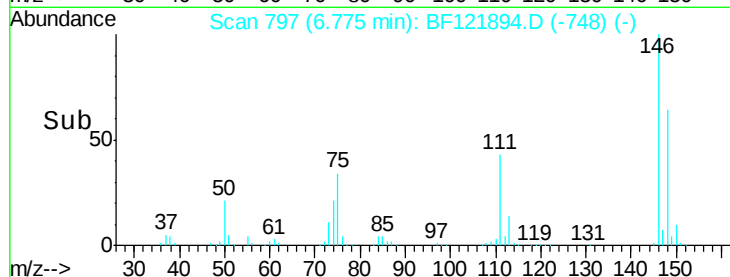
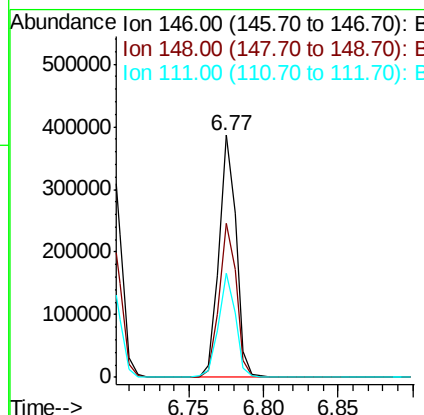
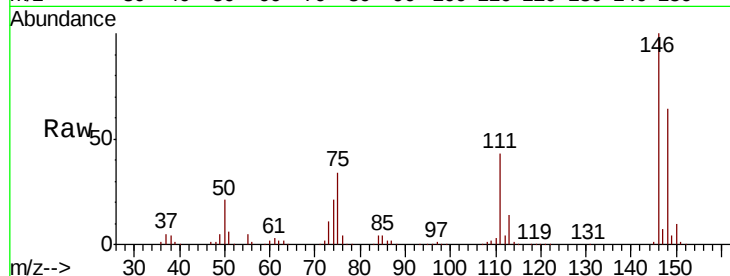
ClientSampleId :

OWLS-HEAD-BH-04-BMSD

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

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#14

1,2-Dichlorobenzene

Concen: 41.153 ng

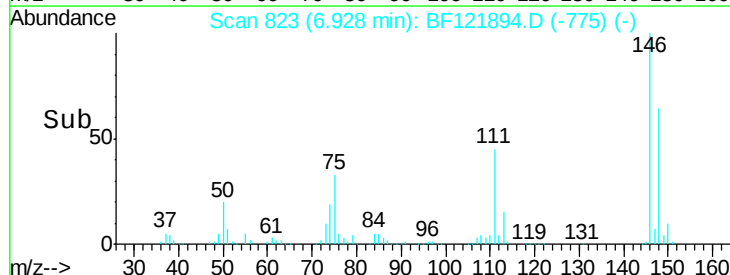
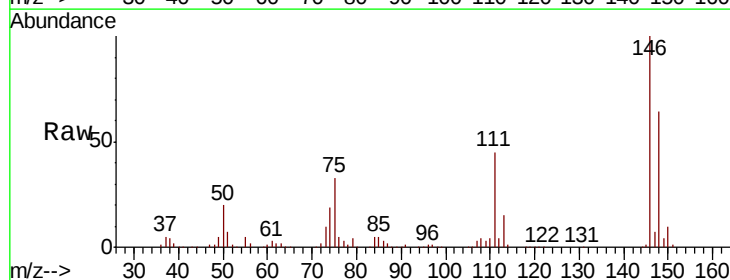
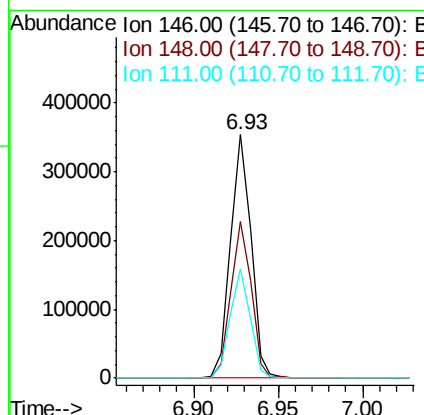
RT: 6.93 min Scan# 823

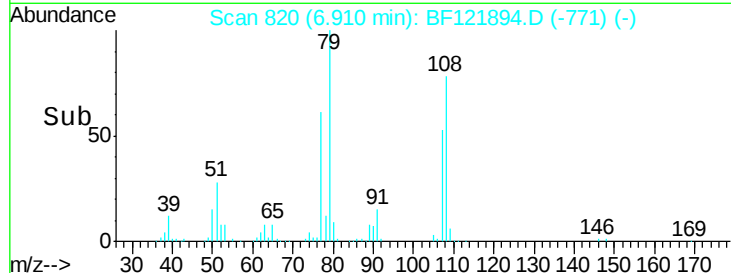
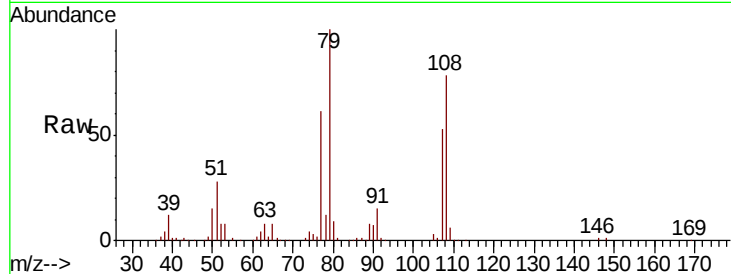
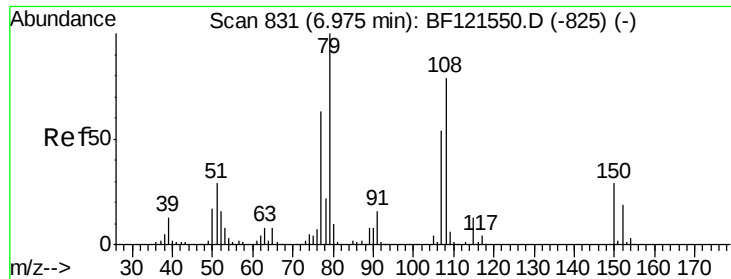
Delta R.T. -0.02 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

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





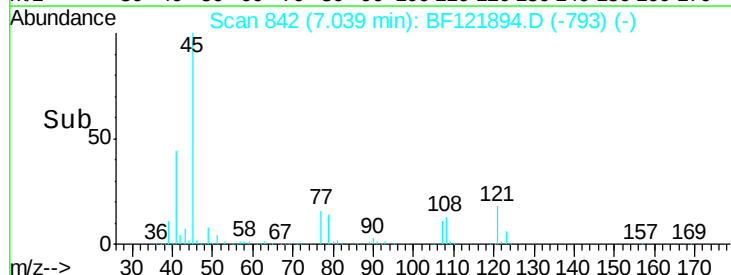
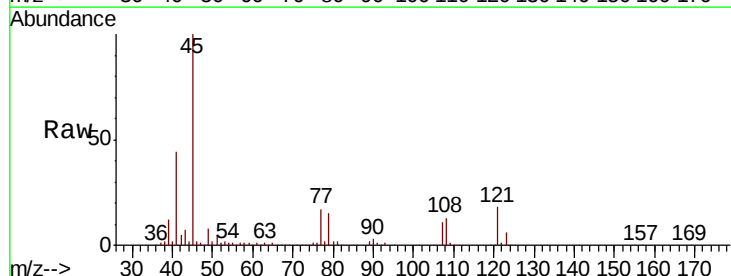
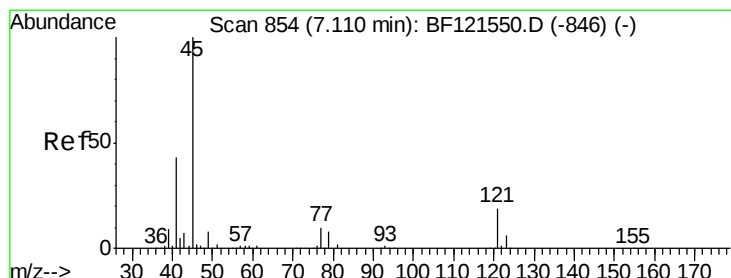
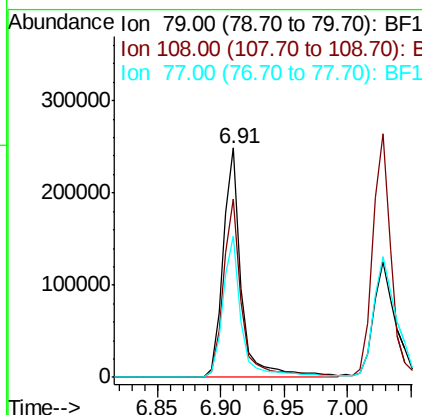
#15
Benzyl Alcohol
Concen: 40.616 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

Tot Ion	Ratio	Resp	Lower	Upper
79	100	250151		
108	77.9	62.3	93.5	
77	61.3	50.6	75.8	

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

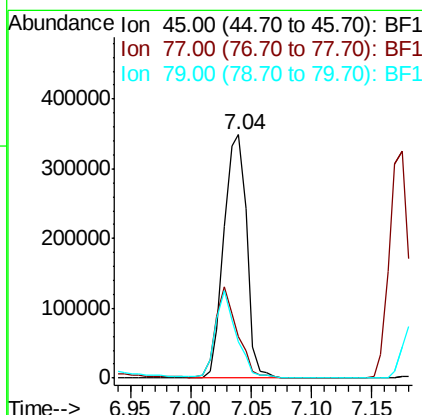
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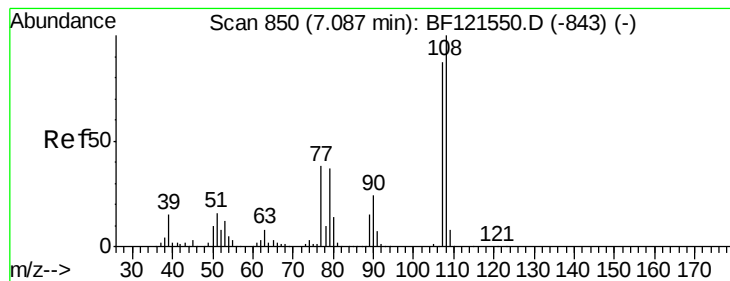
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.909 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	455349		
77	17.1	0.0	33.3	
79	14.8	0.0	30.4	





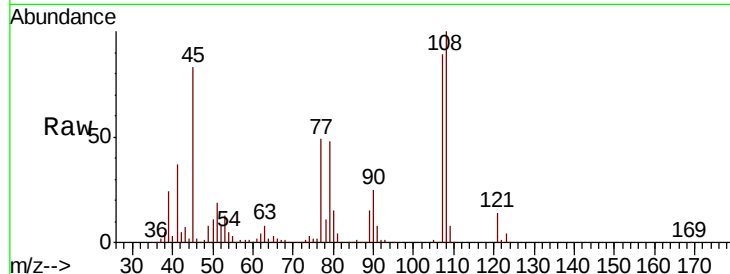
#17
2-Methylphenol
Concen: 38.855 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

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

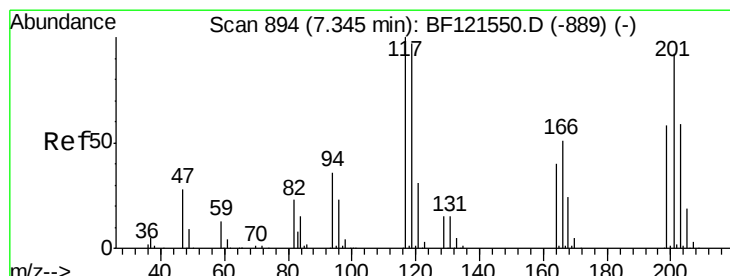
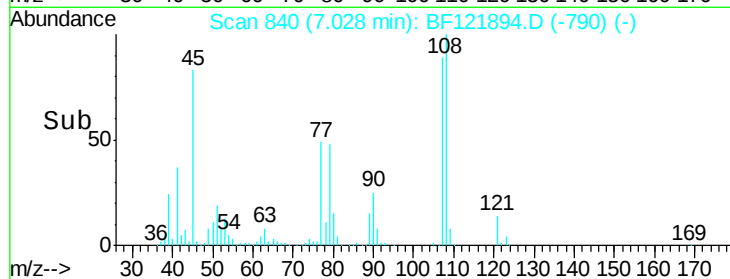
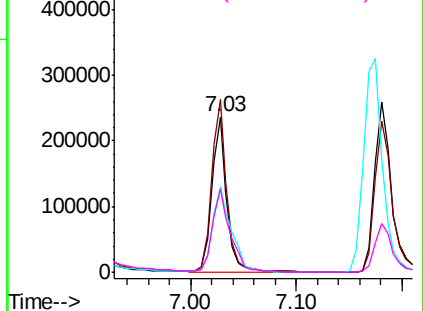
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.9	90.9	136.3	
77	55.3	37.5	56.3	
79	53.3	37.4	56.0	

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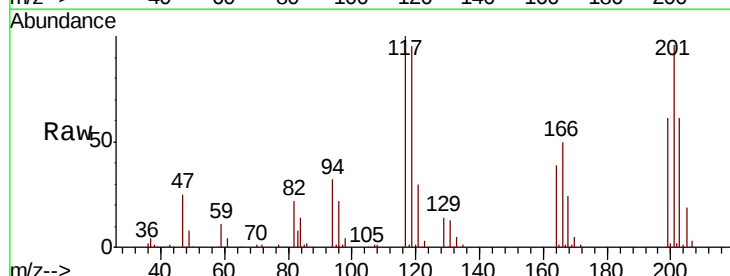


Abundance Ion 107.00 (106.70 to 107.70): E
500000 Ion 108.00 (107.70 to 108.70): E
400000 Ion 77.00 (76.70 to 77.70): BF1
300000 Ion 79.00 (78.70 to 79.70): BF1
200000
100000
0

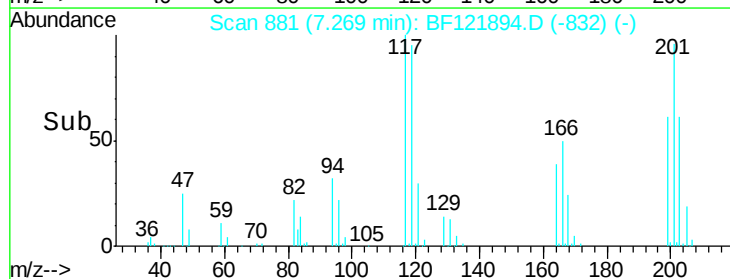
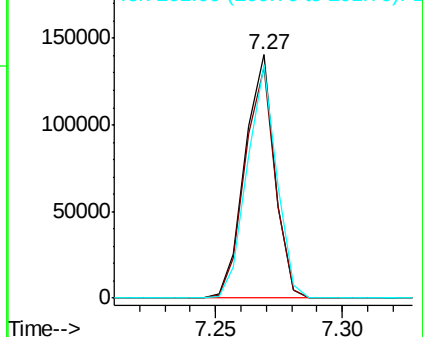


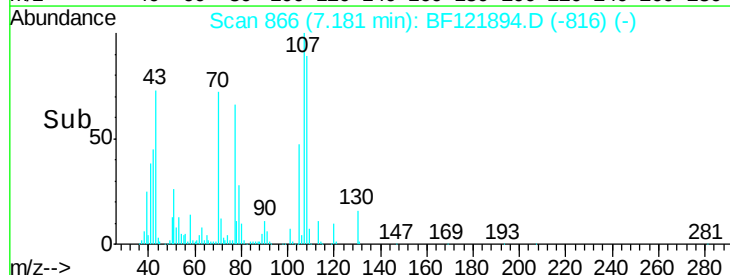
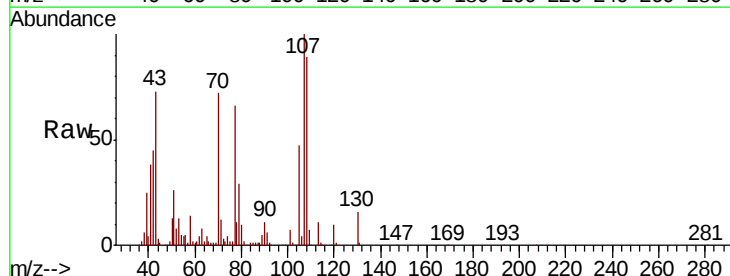
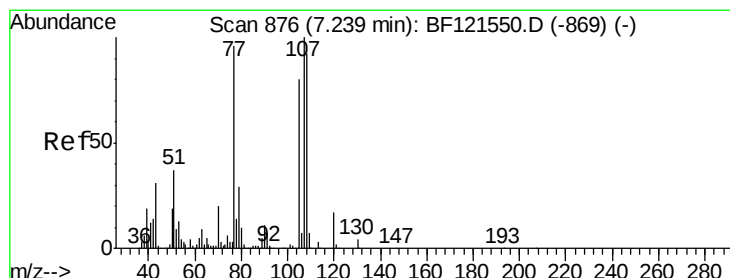
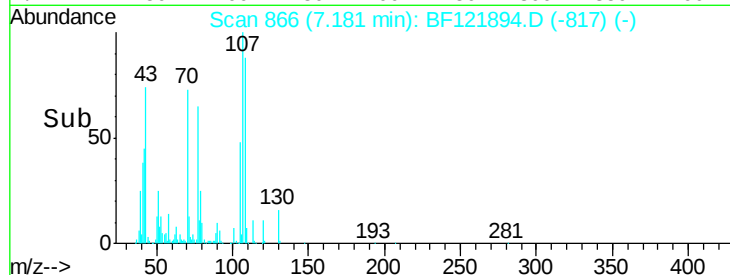
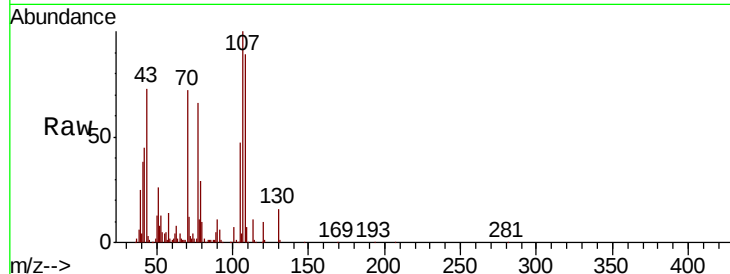
#18
Hexachloroethane
Concen: 40.735 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	76.3	114.5	
201	96.0	71.8	107.6	



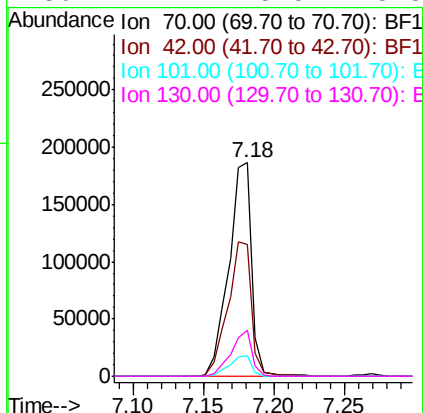
Abundance Ion 117.00 (116.70 to 117.70): E
150000 Ion 119.00 (118.70 to 119.70): E
100000 Ion 201.00 (200.70 to 201.70): E
50000
0





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

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



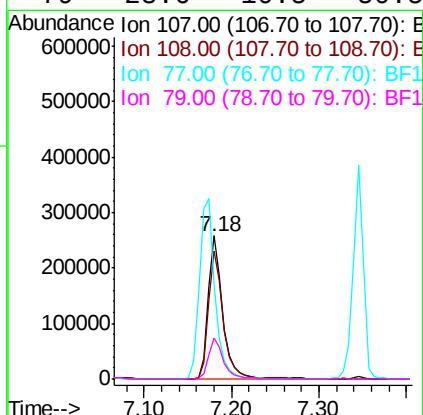
Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-04-BMSD

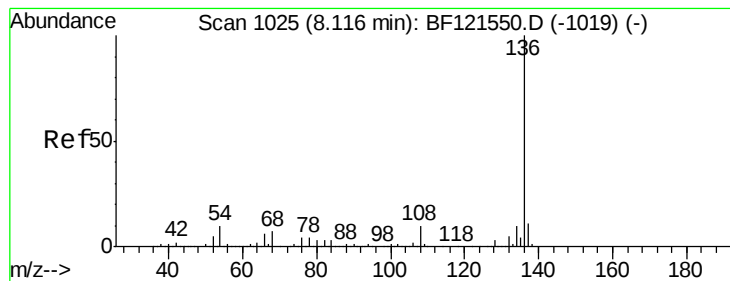
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#20
3+4-Methylphenols
Concen: 41.167 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Instrument :

BNA_F

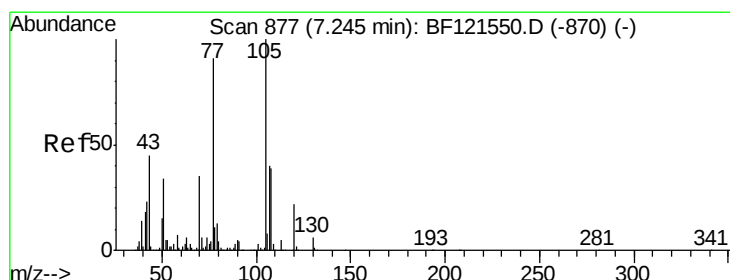
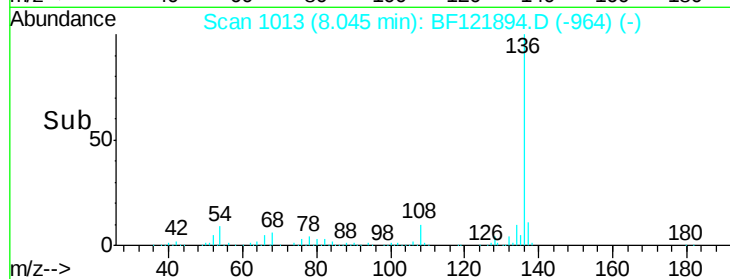
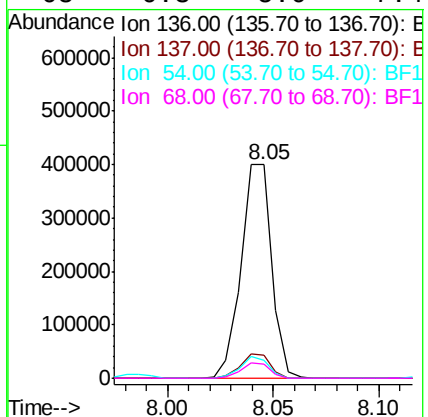
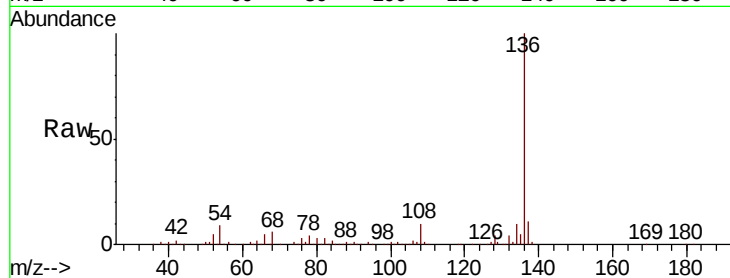
ClientSampleId :

OWLS-HEAD-BH-04-BMSD

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

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#22

Acetophenone

Concen: 38.793 ng

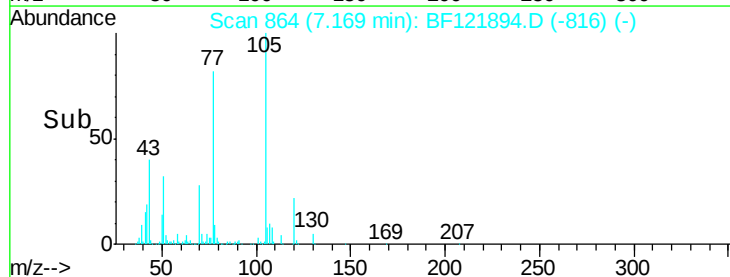
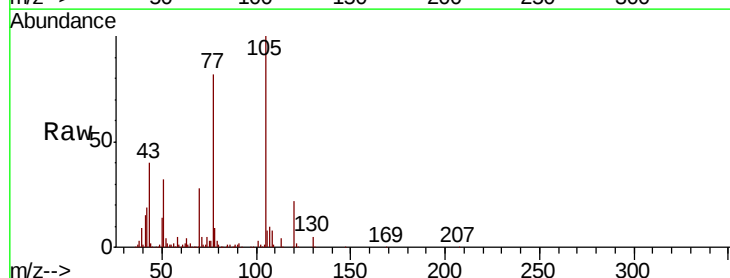
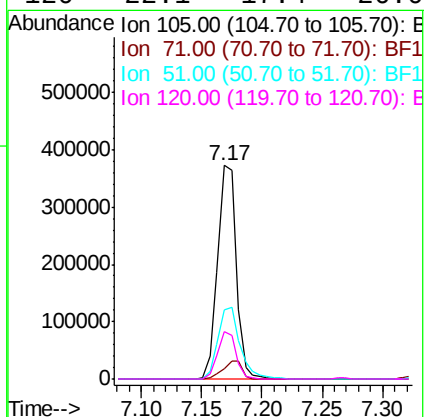
RT: 7.17 min Scan# 864

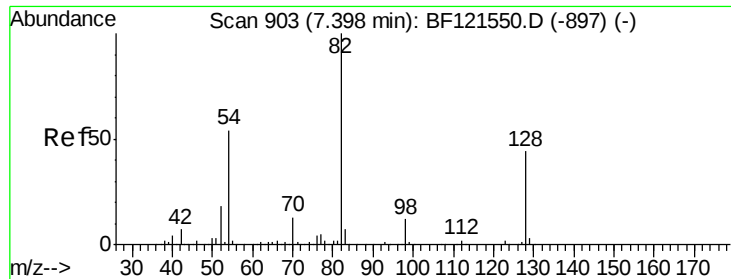
Delta R.T. -0.02 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

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





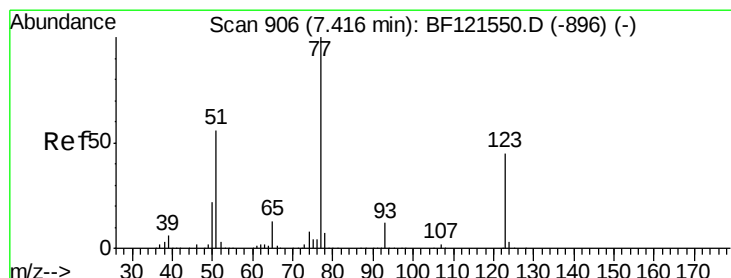
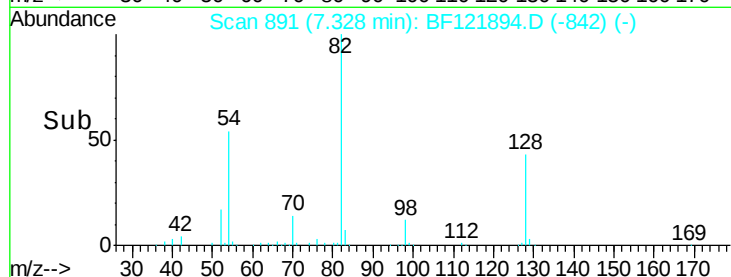
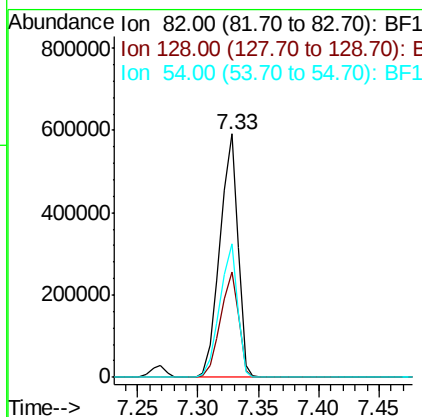
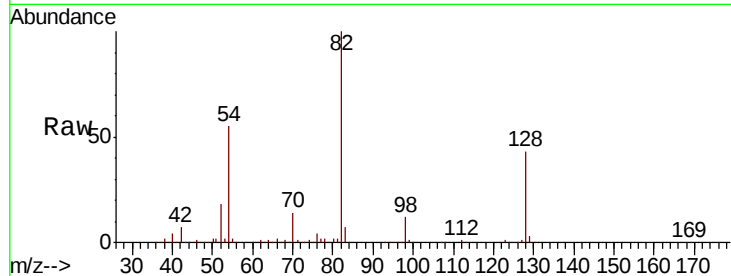
#23
Nitrobenzene-d5
Concen: 81.267 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

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

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

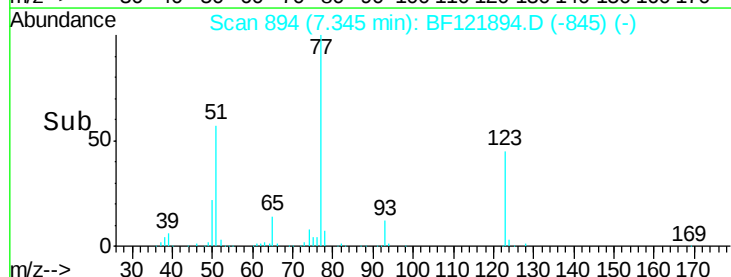
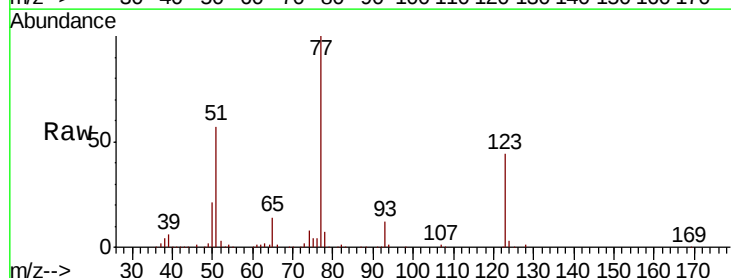
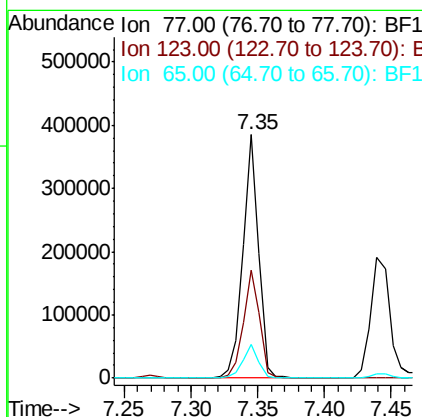
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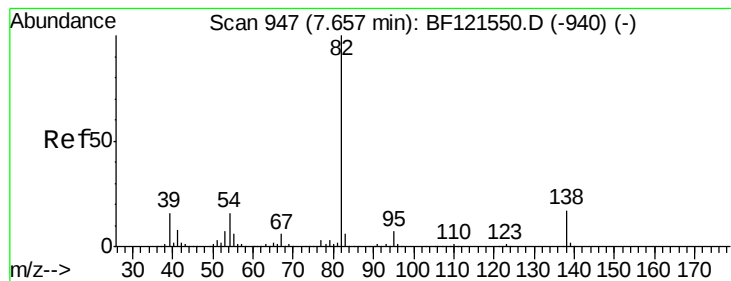
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#24
Nitrobenzene
Concen: 38.801 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

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





#25

Isophorone

Concen: 37.411 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Instrument :

BNA_F

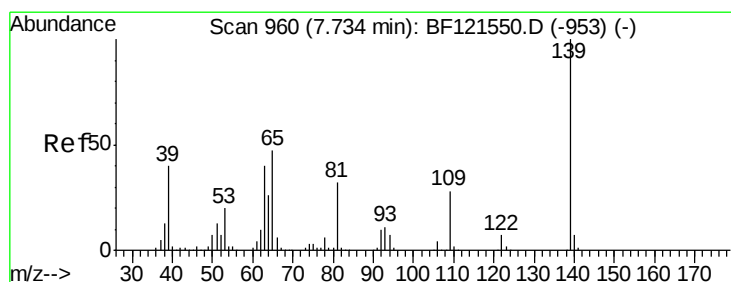
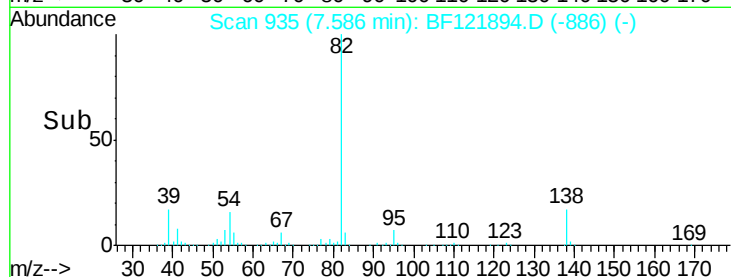
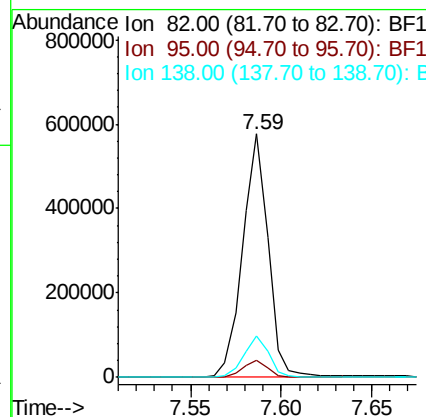
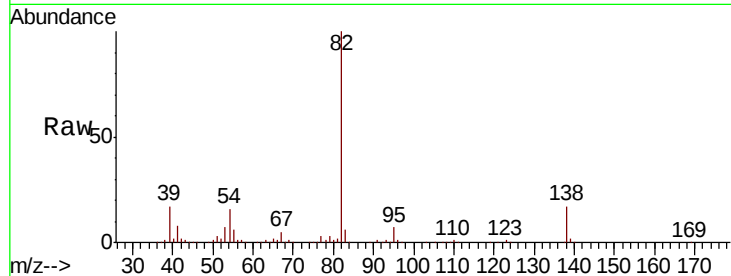
ClientSampleId :

OWLS-HEAD-BH-04-BMSD

Tot Ion:	82	Resp:	565547
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.0
138	16.9	13.4	20.0

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#26

2-Nitrophenol

Concen: 39.783 ng

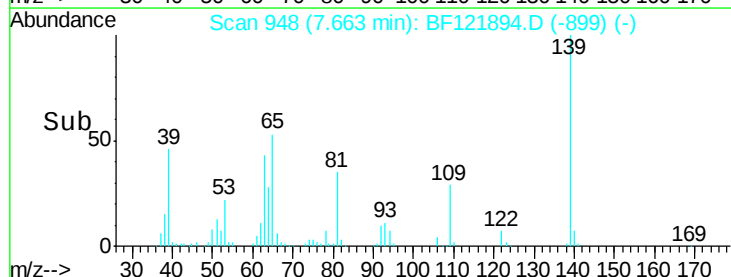
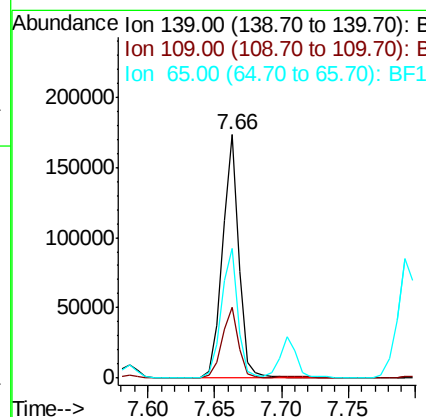
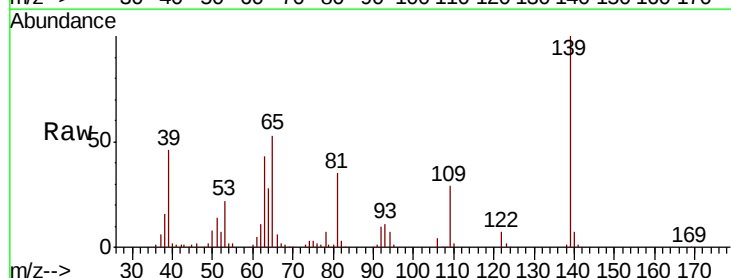
RT: 7.66 min Scan# 948

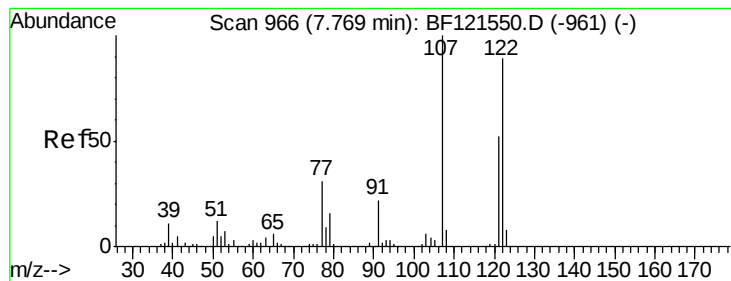
Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Tgt Ion:	139	Resp:	150346
Ion Ratio	Lower	Upper	
139	100		
109	29.0	23.0	34.4
65	53.4	39.9	59.9





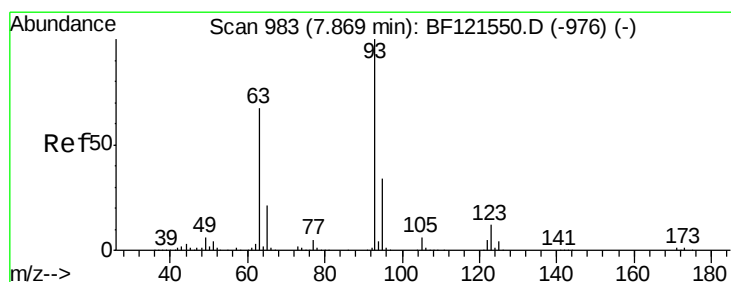
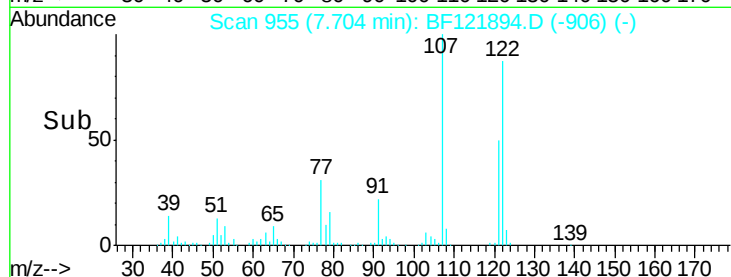
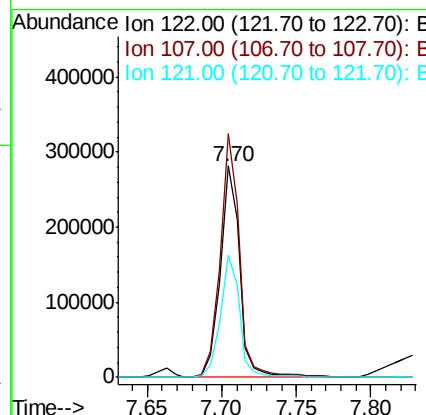
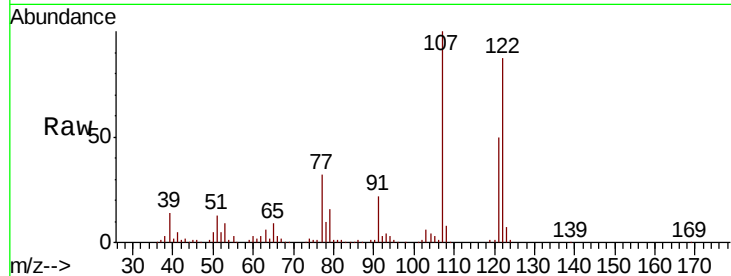
#27
2,4-Dimethylphenol
Concen: 37.900 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.2	90.8	136.2
121	58.0	47.5	71.3

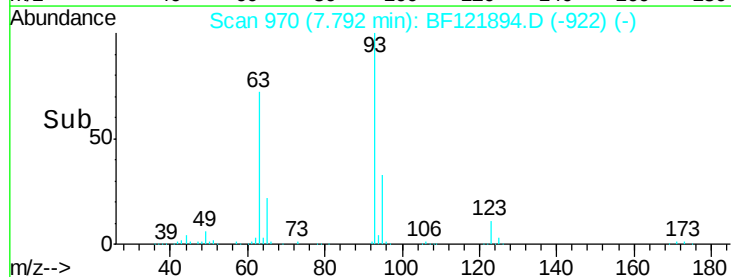
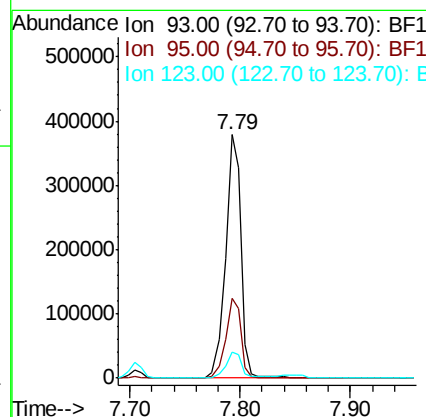
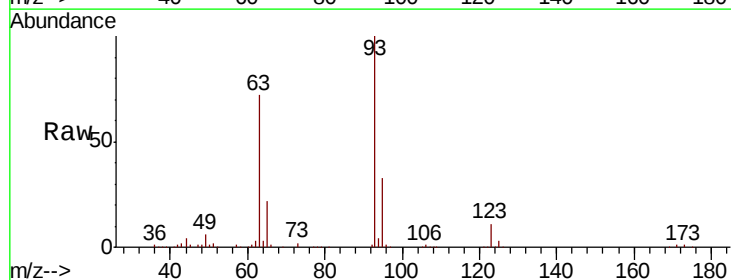
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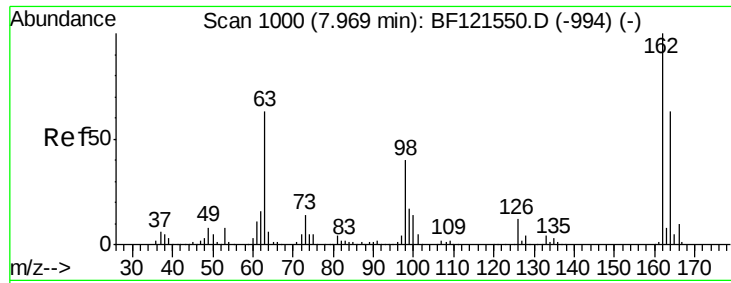
mohammad
10/12/2020 11:31:32 AM



#28
bis(2-Chloroethoxy)methane
Concen: 39.123 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.02 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.4
123	10.7	8.8	13.2





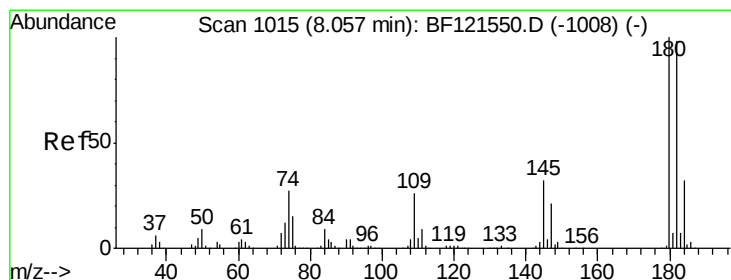
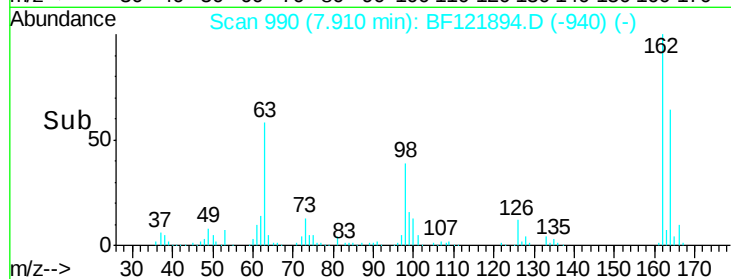
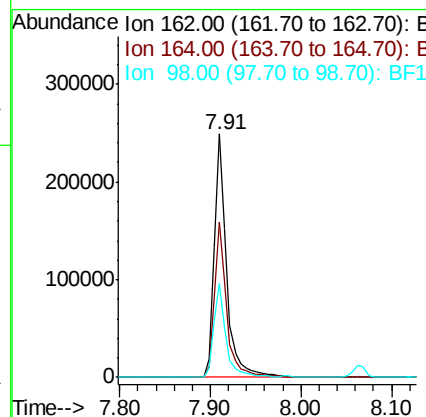
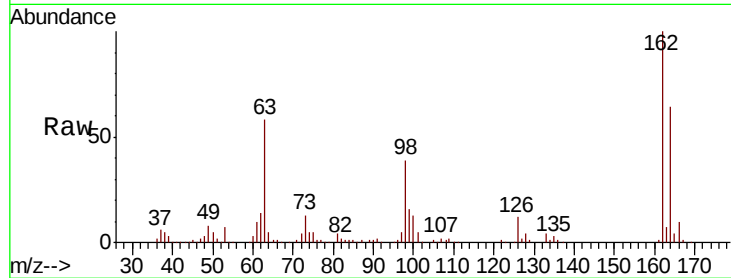
#29
2,4-Dichlorophenol
Concen: 39.511 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	242839		
164	63.7	42.5	82.5	
98	38.8	20.1	60.1	

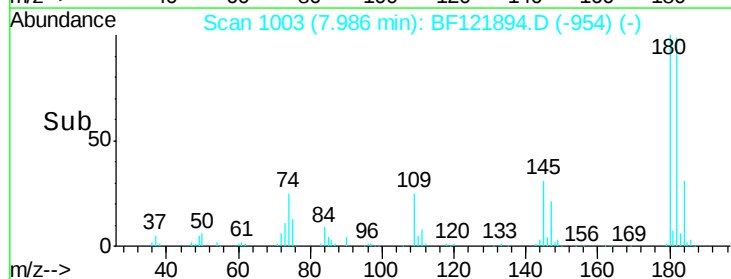
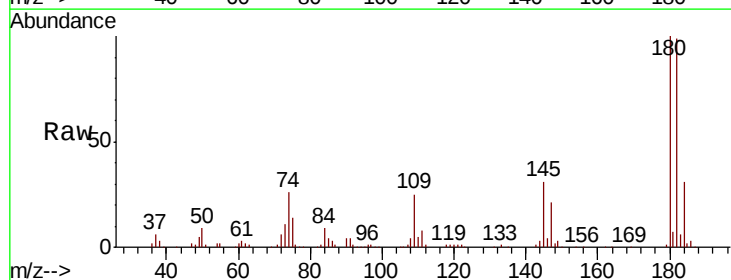
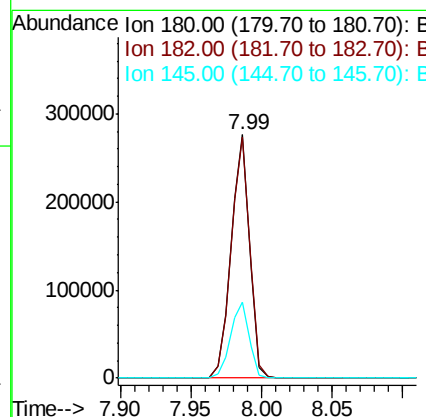
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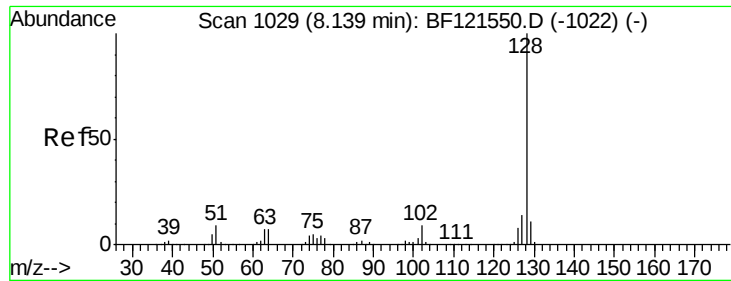
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 38.698 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	250487		
182	99.0	79.4	119.2	
145	31.0	25.5	38.3	





#31

Naphthalene

Concen: 38.598 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.02 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Instrument :

BNA_F

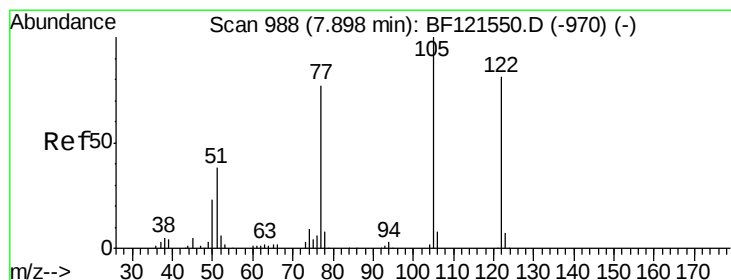
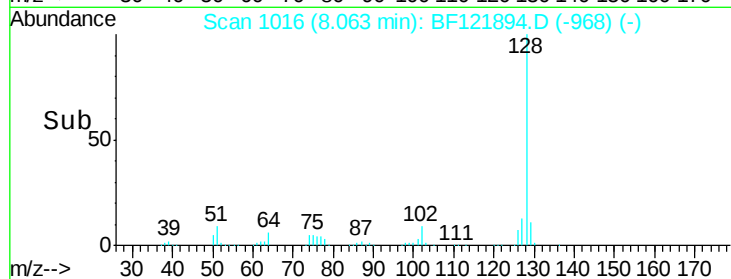
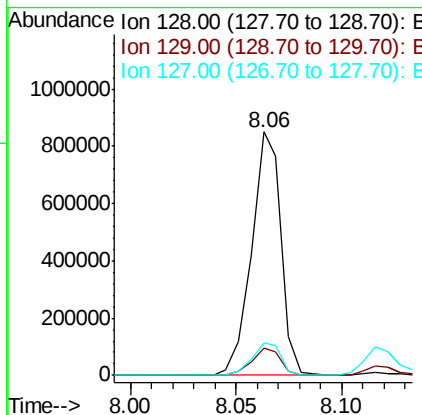
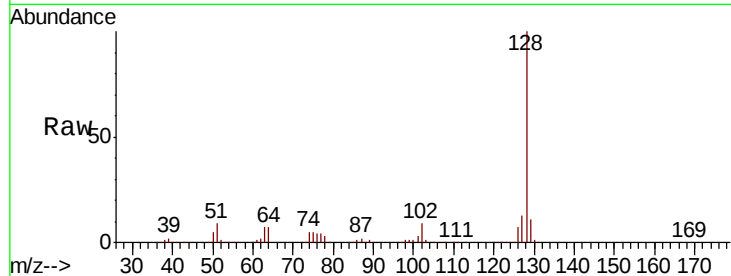
ClientSampleId :

OWLS-HEAD-BH-04-BMSD

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

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#32

Benzoic acid

Concen: 29.663 ng

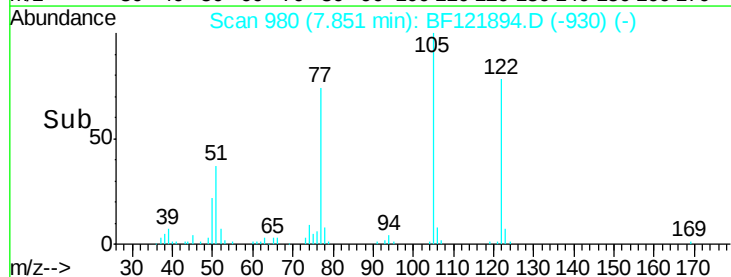
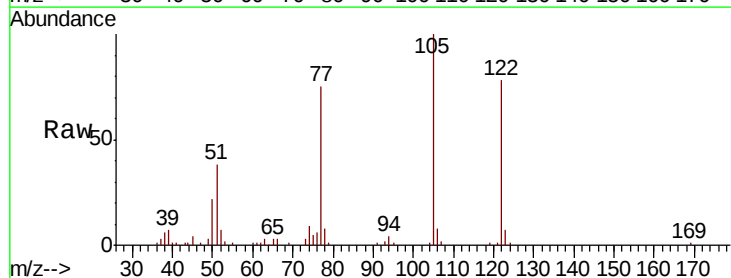
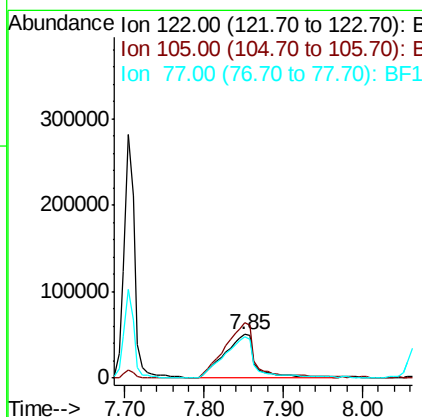
RT: 7.85 min Scan# 980

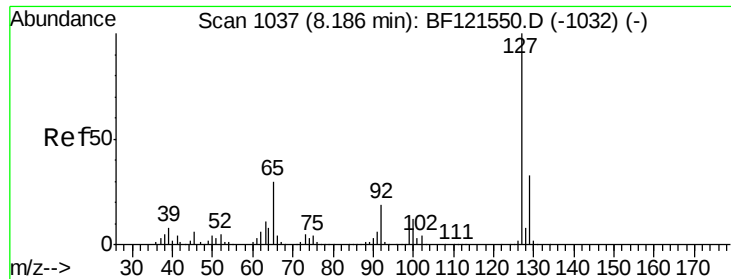
Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

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





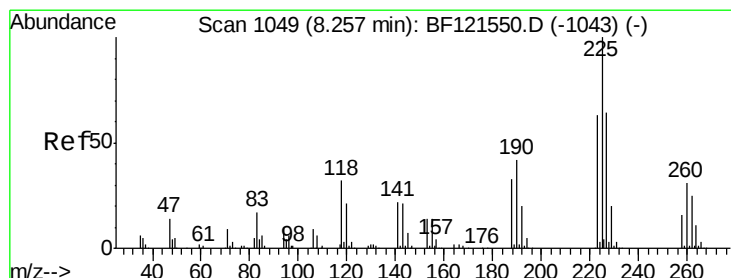
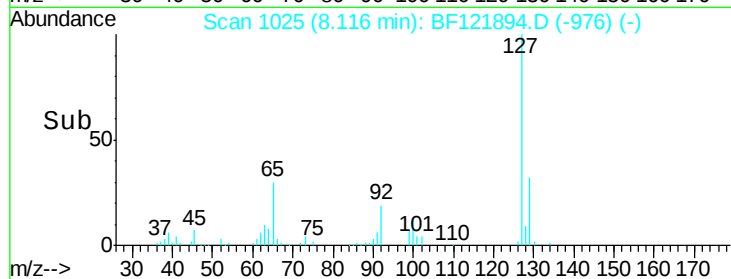
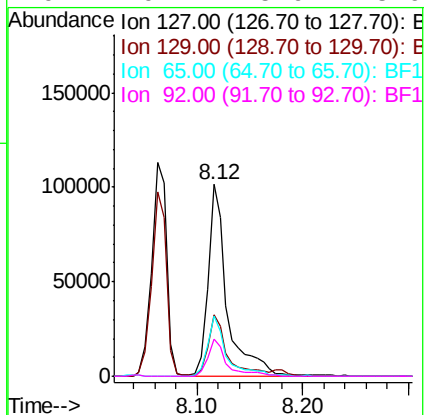
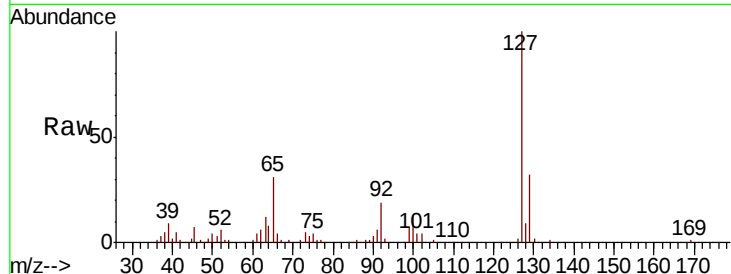
#33
4-Chloroaniline
Concen: 13.785 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

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

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

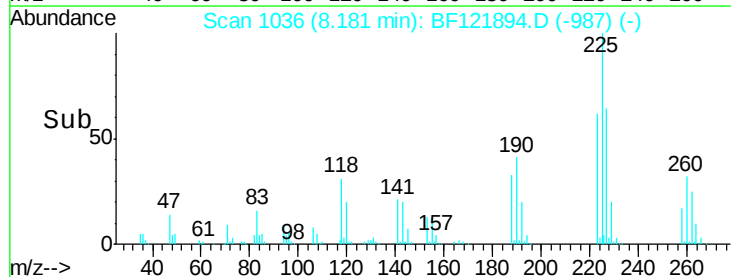
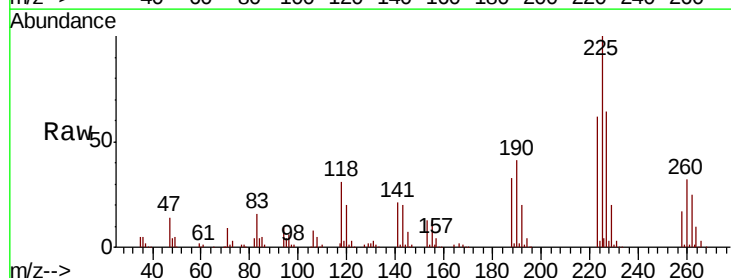
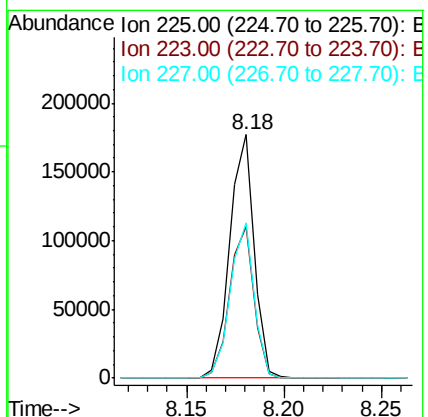
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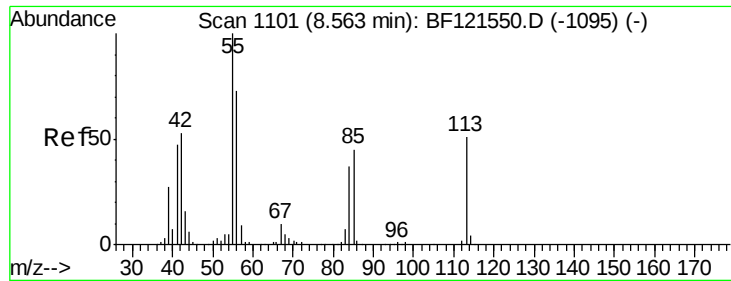
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#34
Hexachlorobutadiene
Concen: 40.493 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

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





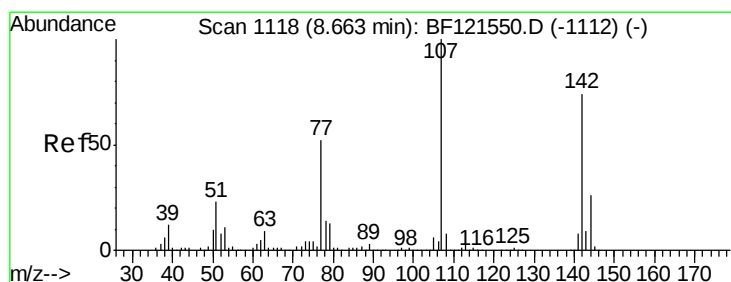
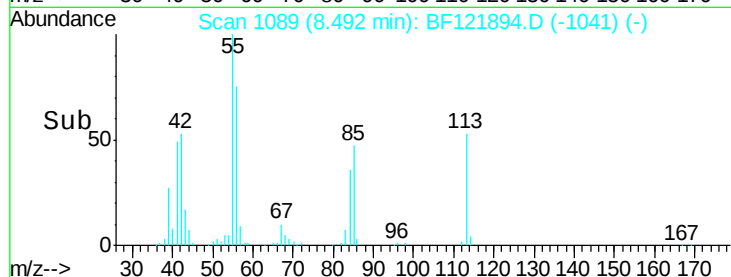
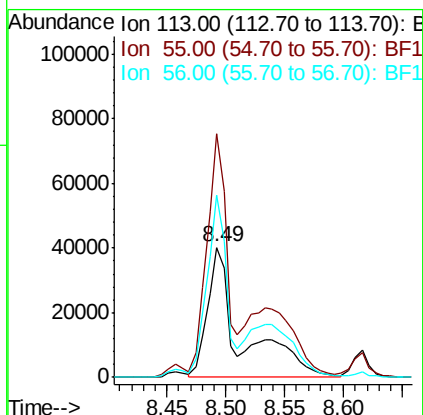
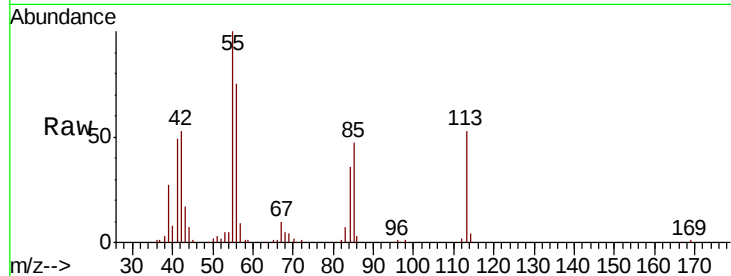
#35
Caprolactam
Concen: 38.844 ng/ml
RT: 8.49 min Scan# 1089
Delta R.T. -0.02 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

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

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

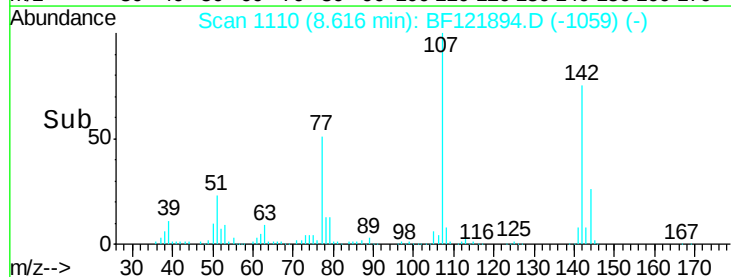
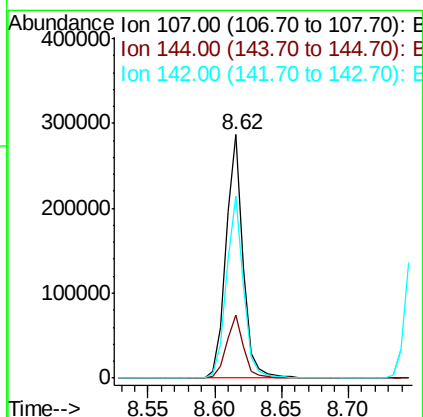
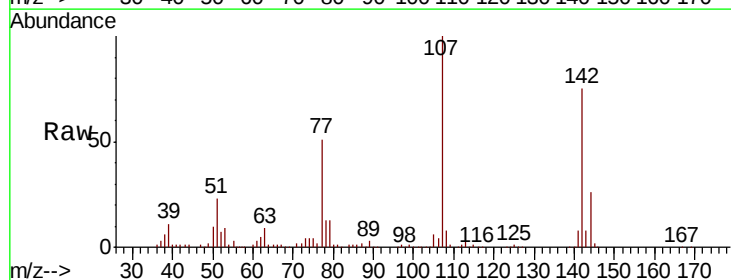
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#36
4-Chloro-3-methylphenol
Concen: 39.244 ng/ml
RT: 8.62 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

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





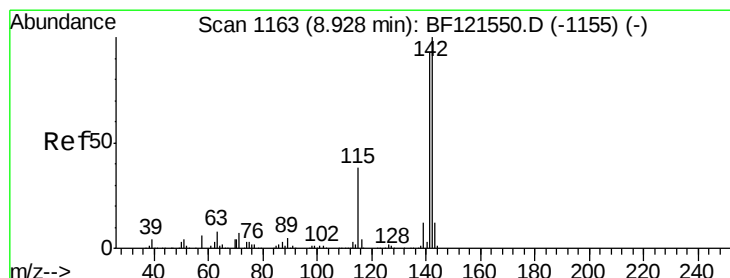
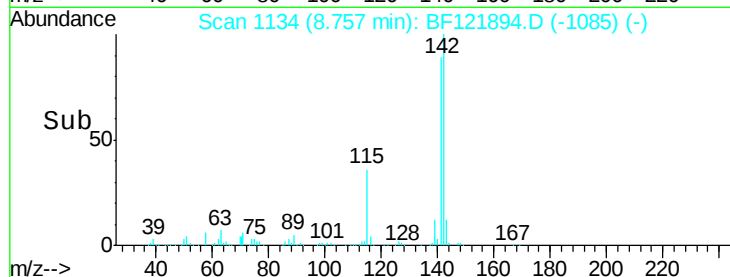
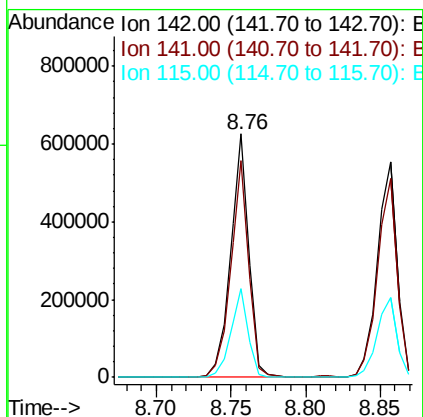
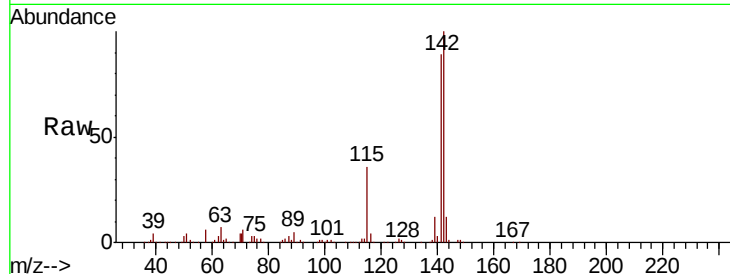
#37
2-Methylnaphthalene
Concen: 38.660 ng
RT: 8.76 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

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

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

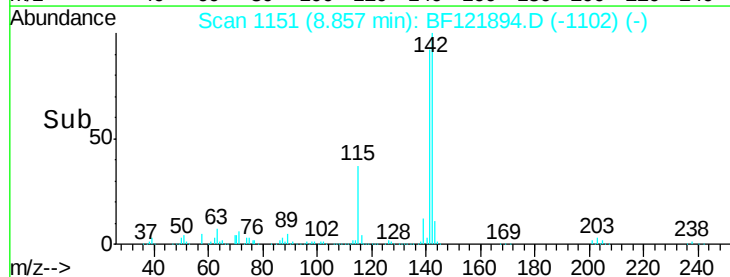
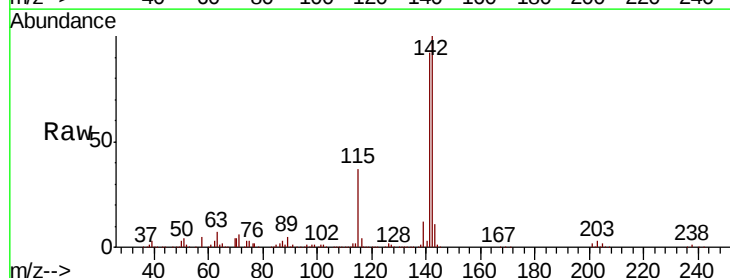
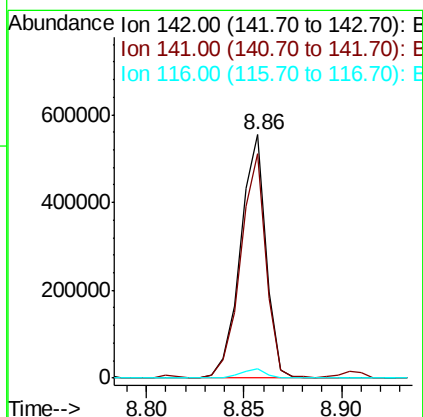
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#38
1-Methylnaphthalene
Concen: 38.642 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

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





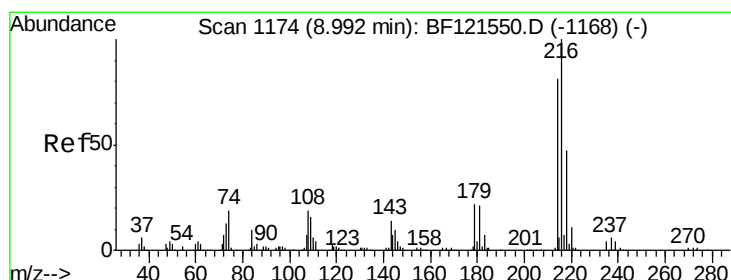
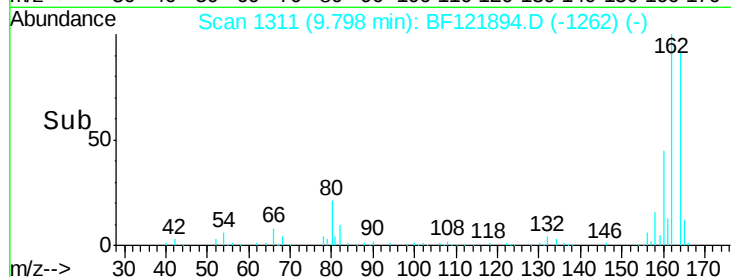
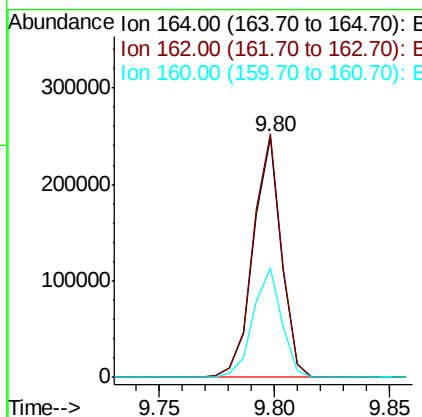
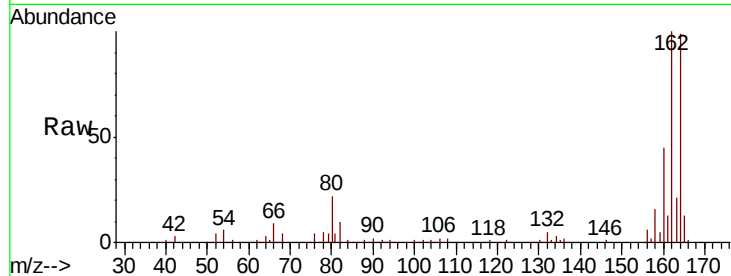
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	83.2	124.8
160	45.7	37.5	56.3

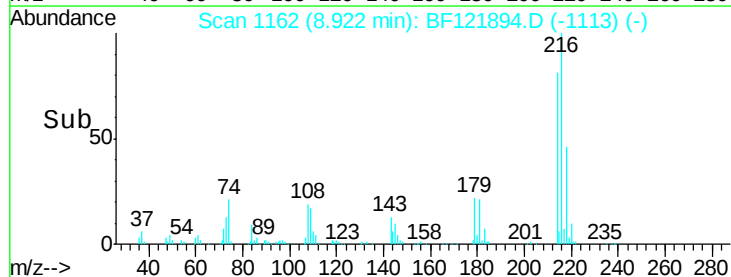
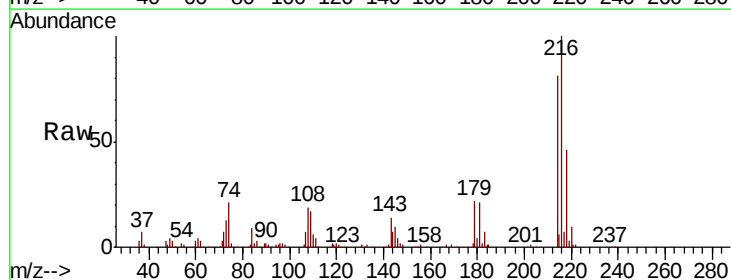
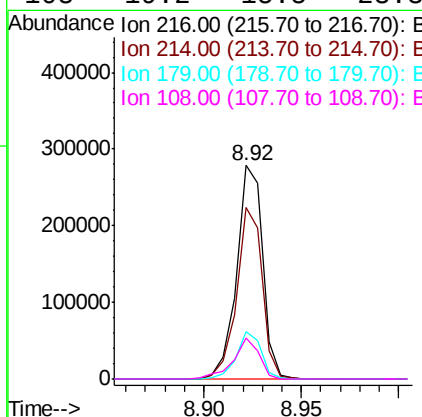
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.992 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.4	95.2
179	21.2	17.0	25.6
108	19.2	15.5	23.3





#41

Hexachlorocyclopentadiene

Concen: 29.611 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Instrument :

BNA_F

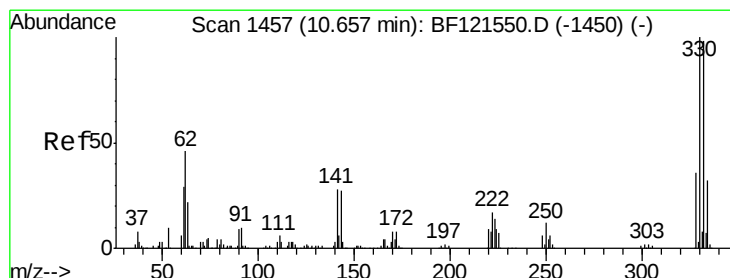
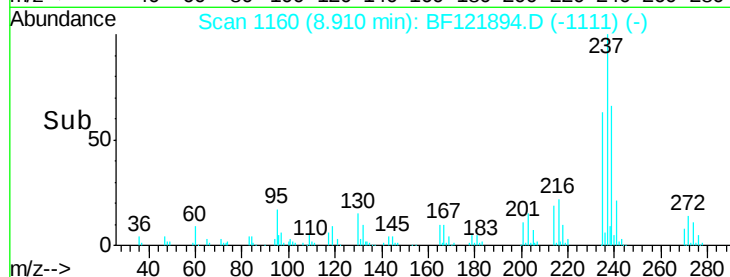
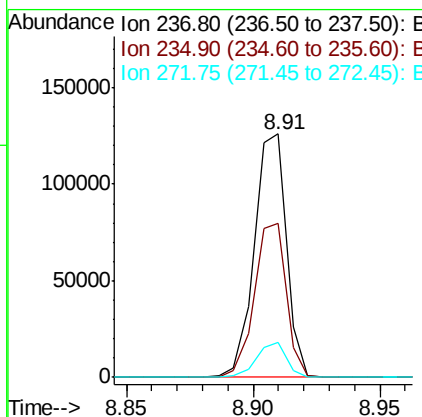
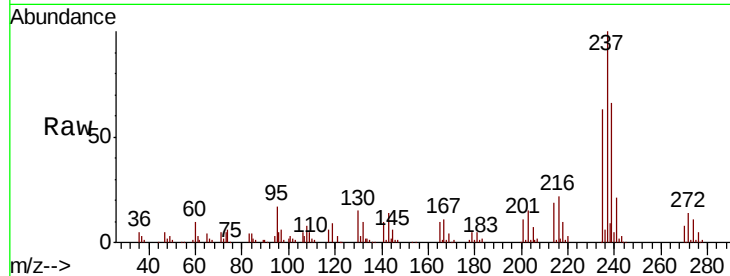
ClientSampleId :

OWLS-HEAD-BH-04-BMSD

Tot Ion:	237	Resp:	111640
Ion Ratio	Lower	Upper	
237	100		
235	63.0	41.8	81.8
272	14.5	0.0	33.5

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#42

2,4,6-Tribromophenol

Concen: 86.148 ng

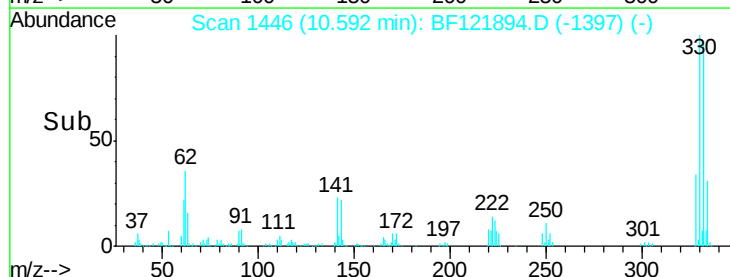
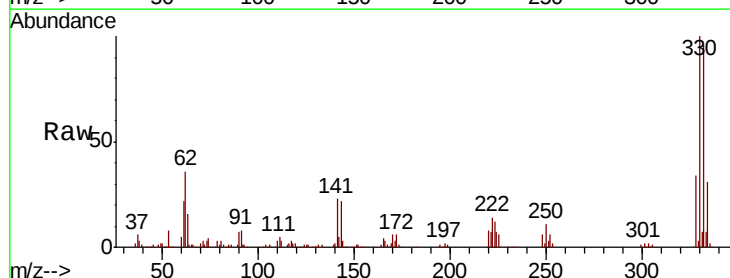
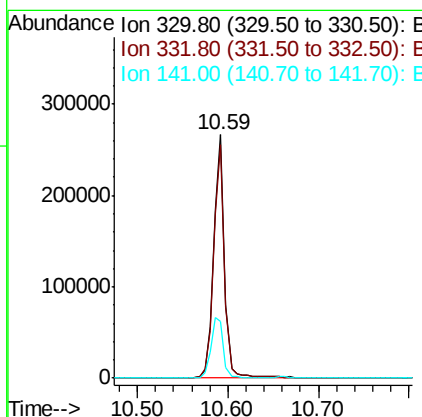
RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Tgt Ion:	330	Resp:	226297
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.3	115.9
141	28.7	22.3	33.5





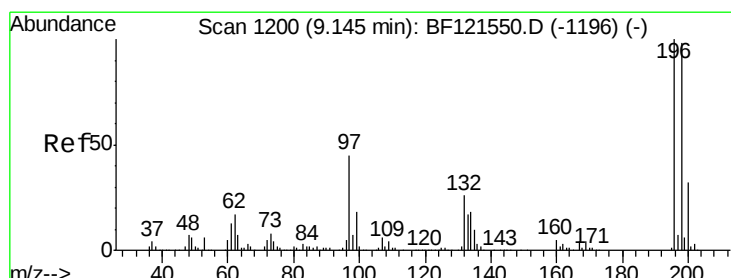
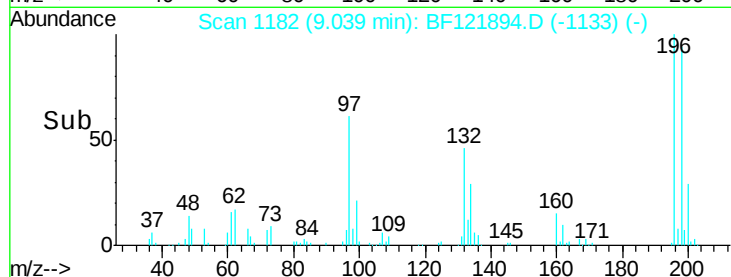
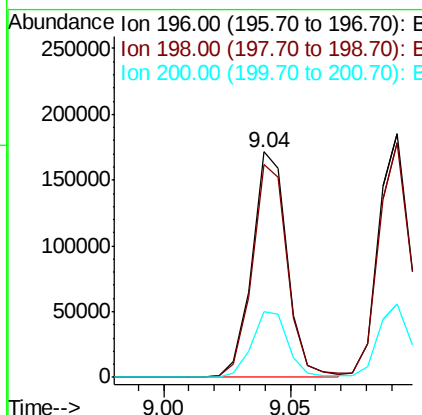
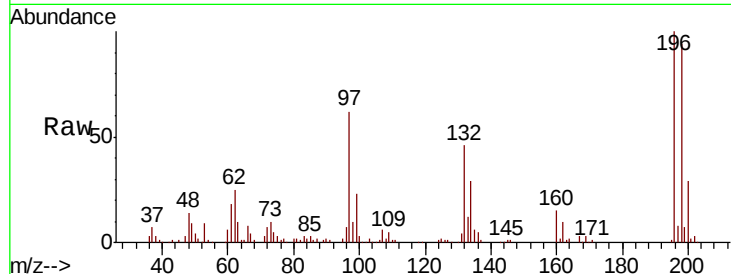
#43
2,4,6-Trichlorophenol
Concen: 36.912 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	166102		
198	94.2	75.8	113.6	
200	29.4	24.6	36.8	

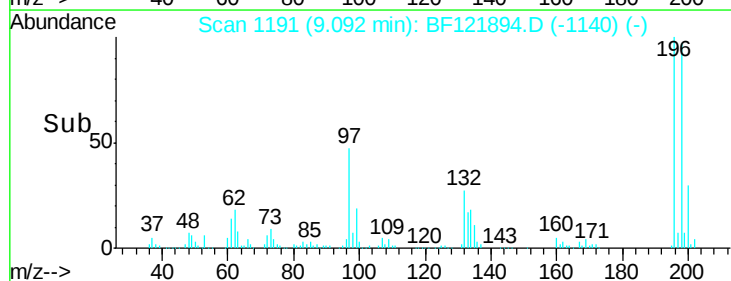
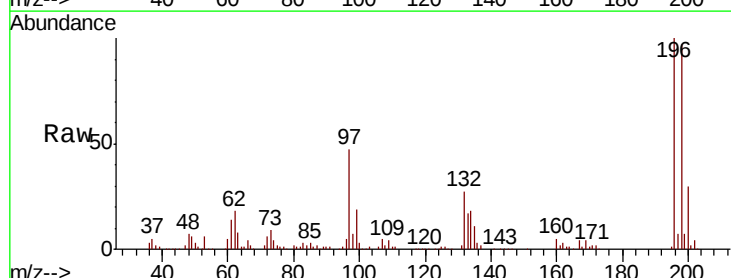
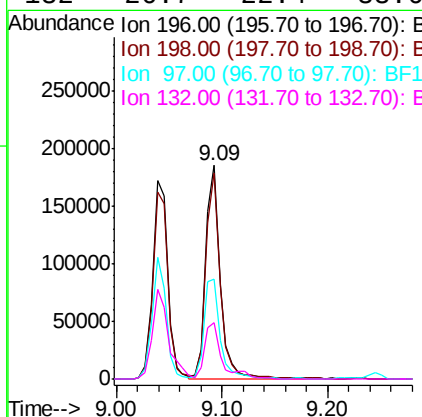
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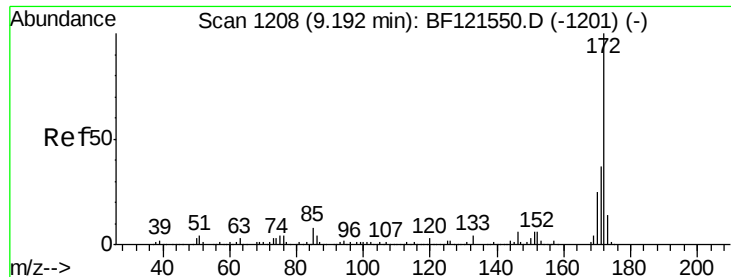
mohammad
10/12/2020 11:31:32 AM



#44
2,4,5-Trichlorophenol
Concen: 37.194 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	176940		
198	96.5	76.1	114.1	
97	46.9	41.0	61.6	
132	26.7	22.4	33.6	





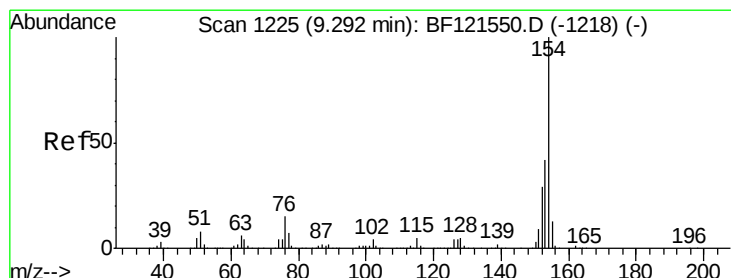
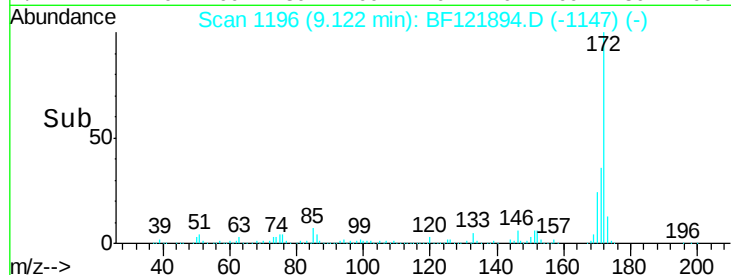
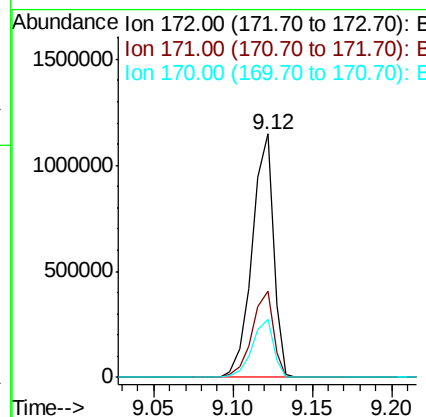
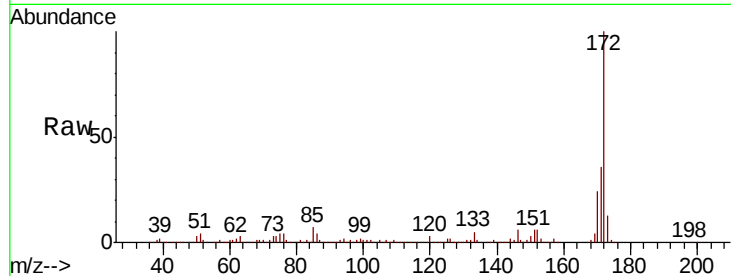
#45
2-Fluorobiphenyl
Concen: 76.919 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

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

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

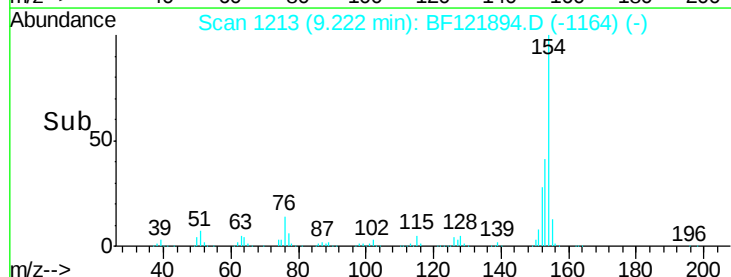
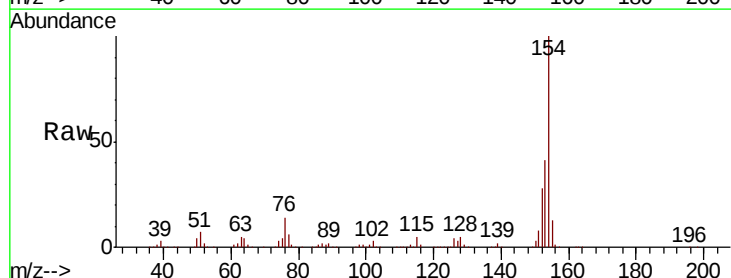
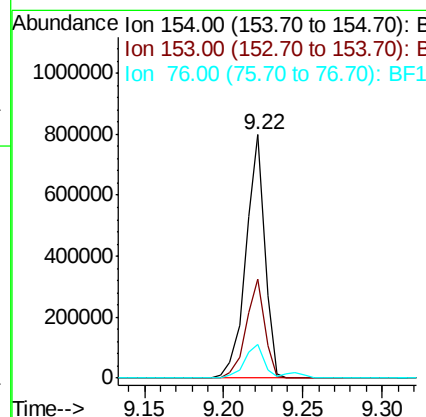
Manual Integrations
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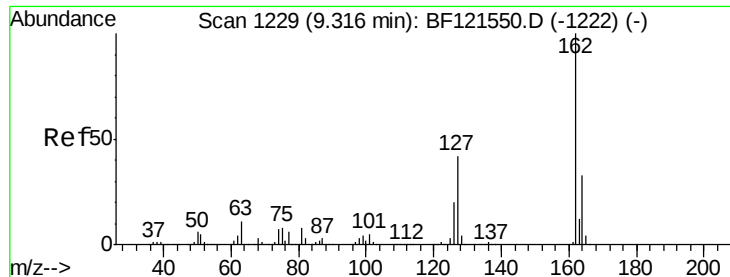
mohammad
10/12/2020 11:31:32 AM



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

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





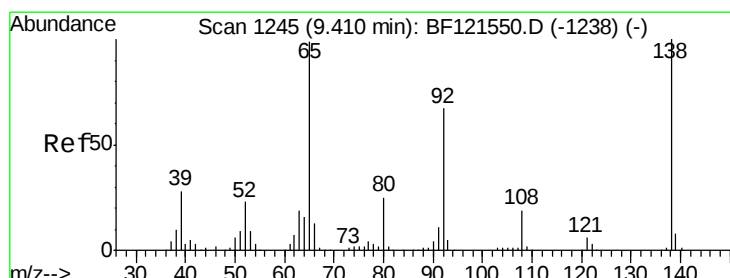
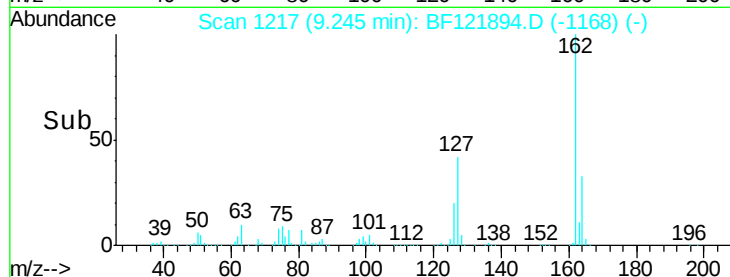
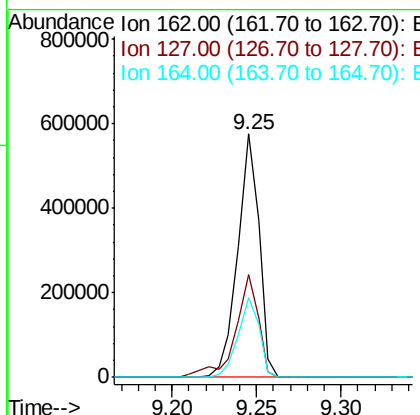
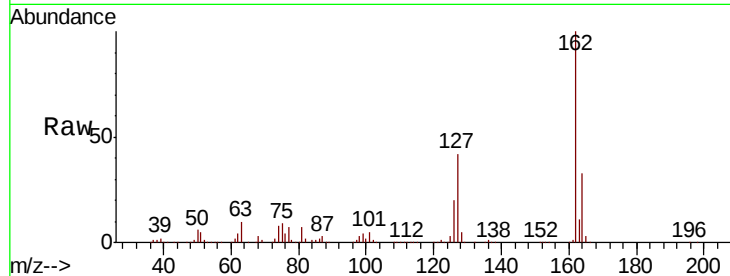
#47
 2-Chloronaphthalene
 Concen: 37.896 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

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

Tot Ion:	162	Resp:	505281
Ion Ratio	Lower	Upper	
162	100		
127	42.2	34.4	51.6
164	32.8	26.3	39.5

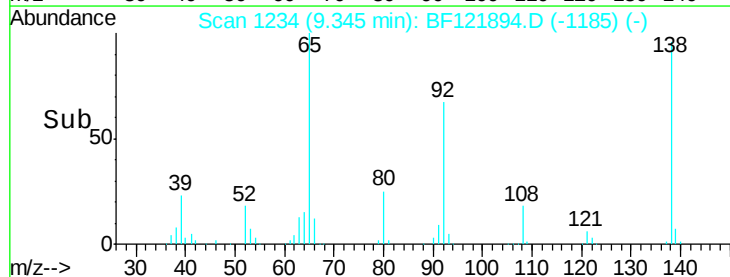
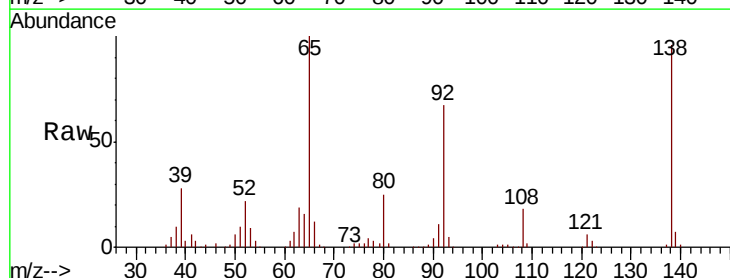
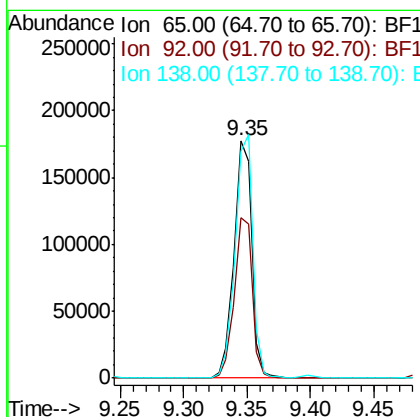
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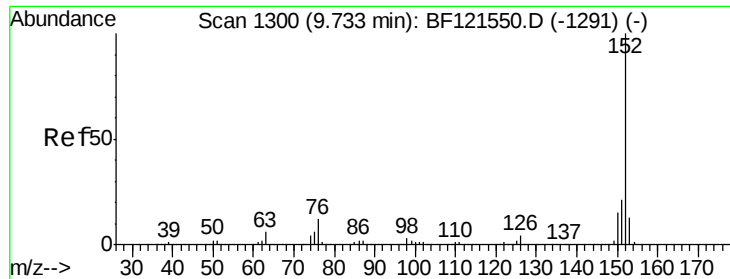
mohammad
 10/12/2020 11:31:32 AM



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

Tgt Ion:	65	Resp:	171461
Ion Ratio	Lower	Upper	
65	100		
92	67.5	55.1	82.7
138	95.8	80.5	120.7





#49

Acenaphthylene

Concen: 38.451 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Instrument :

BNA_F

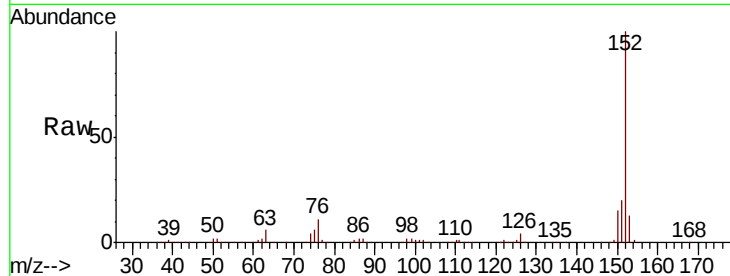
ClientSampleId :

OWLS-HEAD-BH-04-BMSD

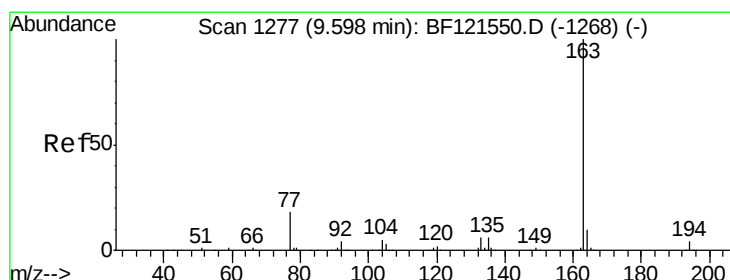
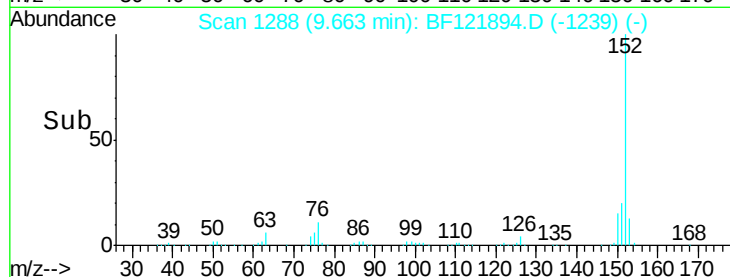
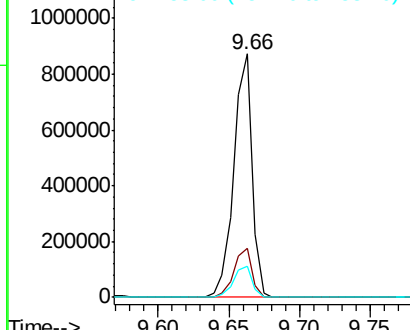
Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		787721		
151	20.0	16.4	24.6		
153	12.9	10.6	15.8		

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.207 ng

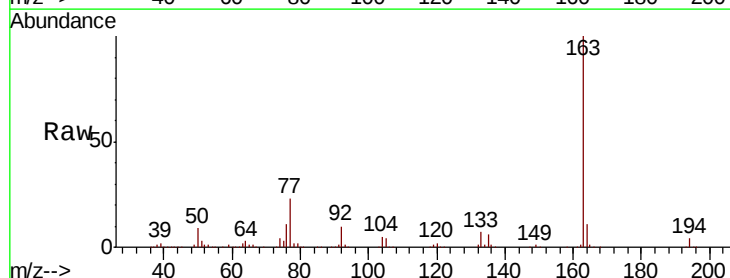
RT: 9.52 min Scan# 1264

Delta R.T. -0.02 min

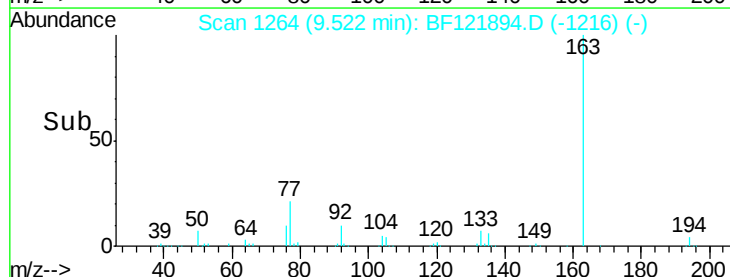
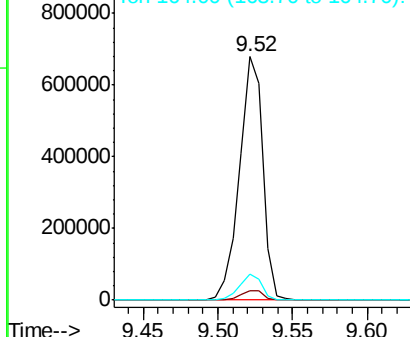
Lab File: BF121894.D

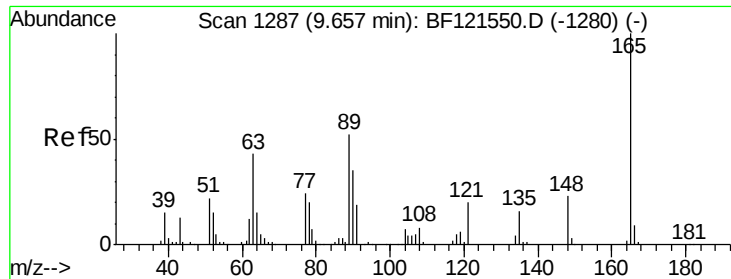
Acq: 8 Oct 2020 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		738467		
194	3.8	3.3	4.9		
164	10.6	8.2	12.4		



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





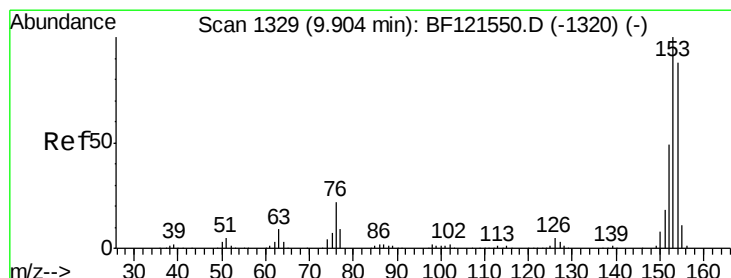
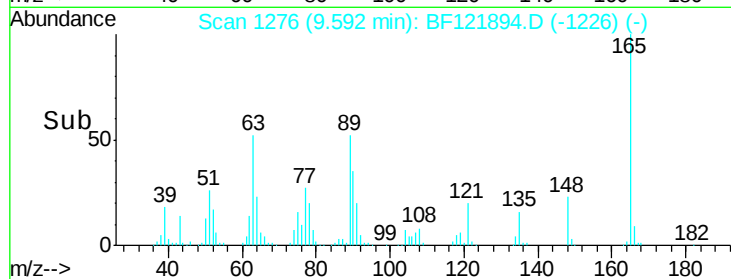
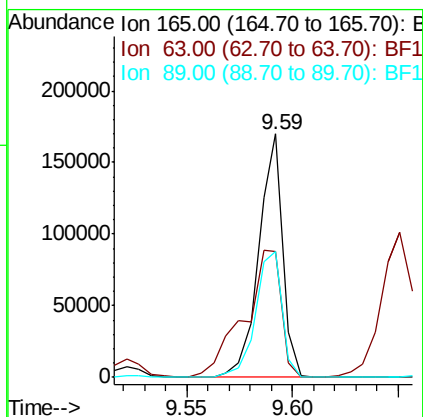
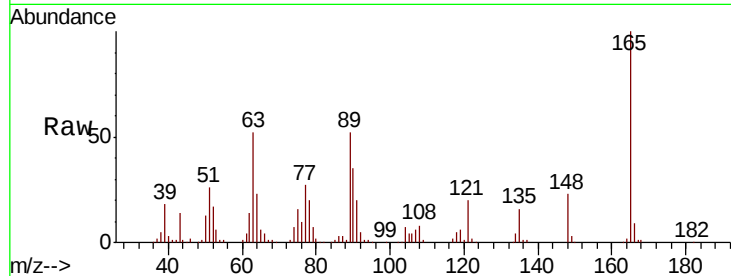
#51
2,6-Dinitrotoluene
Concen: 41.095 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

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

Tot Ion:	165	Resp:	134066
Ion Ratio	Lower	Upper	
165	100		
63	51.9	51.8	77.6
89	51.8	49.0	73.6

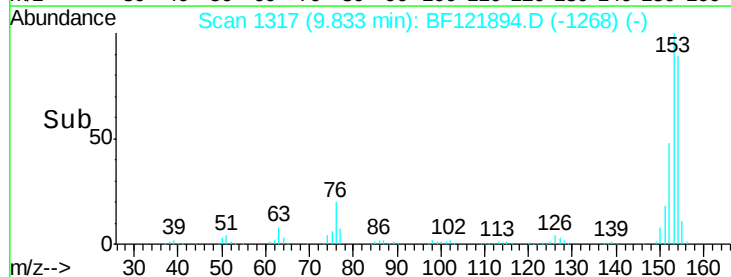
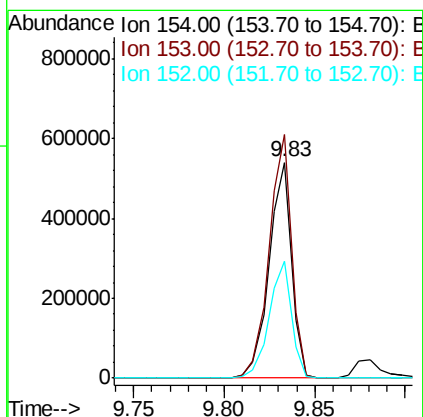
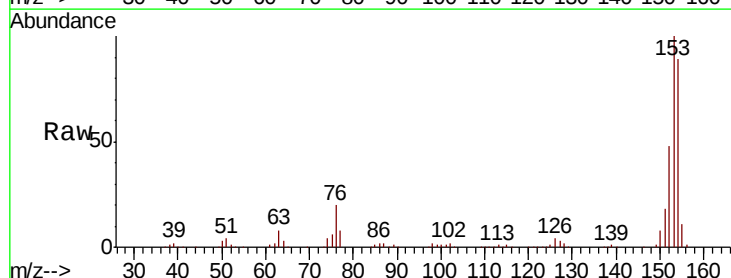
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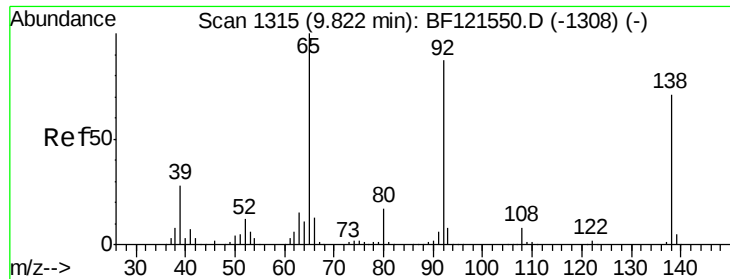
mohammad
10/12/2020 11:31:32 AM



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

Tgt Ion:	154	Resp:	465129
Ion Ratio	Lower	Upper	
154	100		
153	113.0	89.8	134.8
152	54.2	43.2	64.8





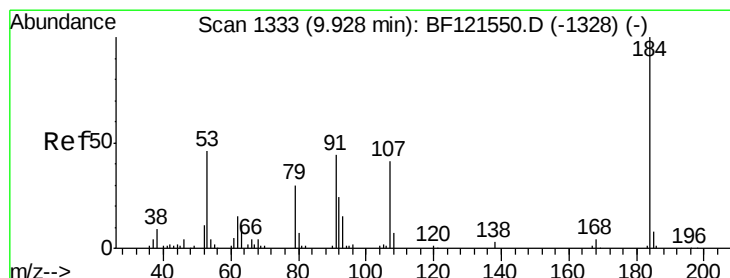
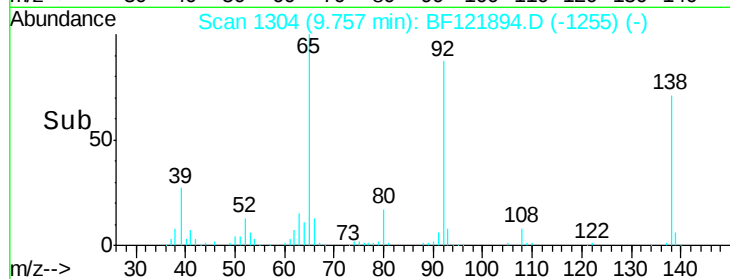
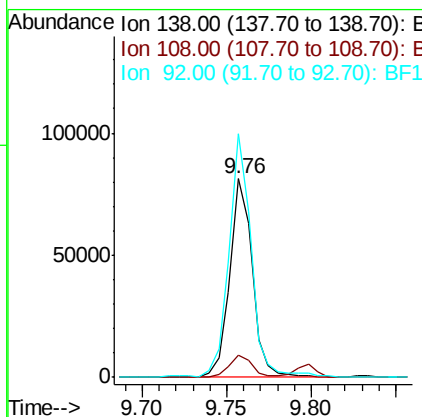
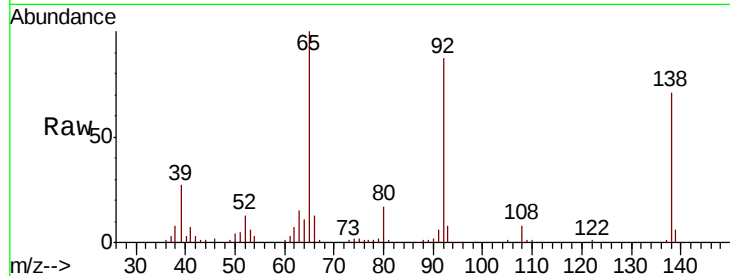
#53
3-Nitroaniline
Concen: 19.934 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

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

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

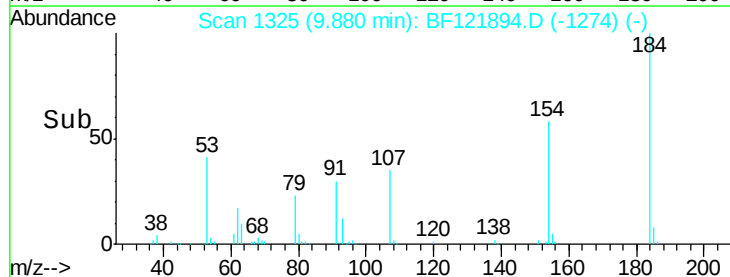
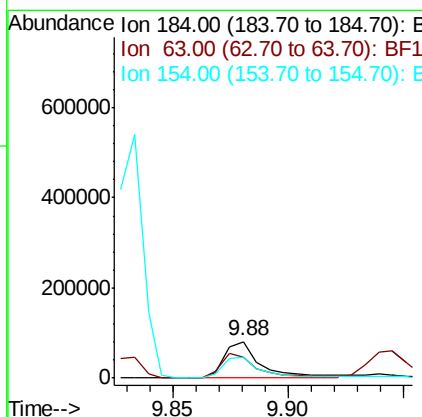
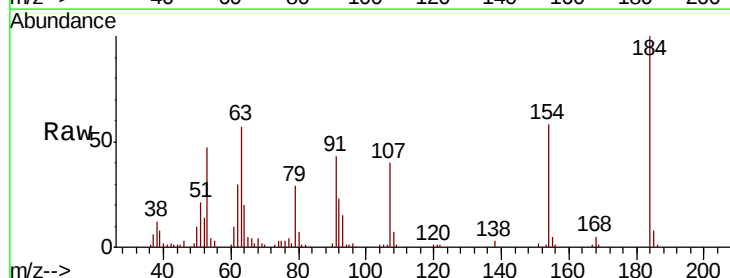
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#54
2,4-Dinitrophenol
Concen: 51.371 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

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





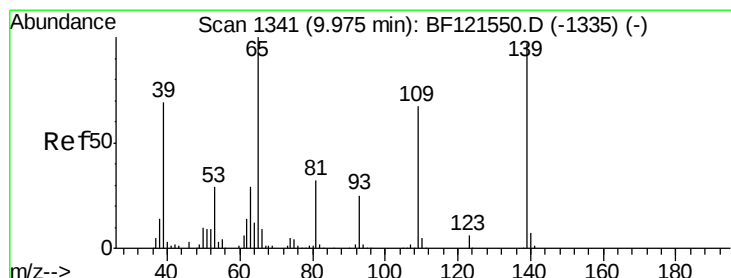
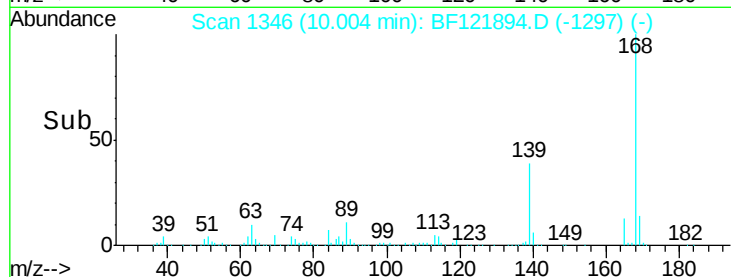
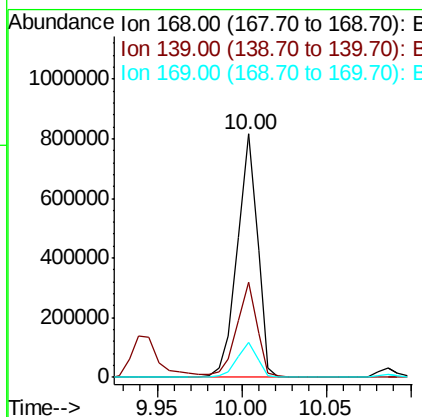
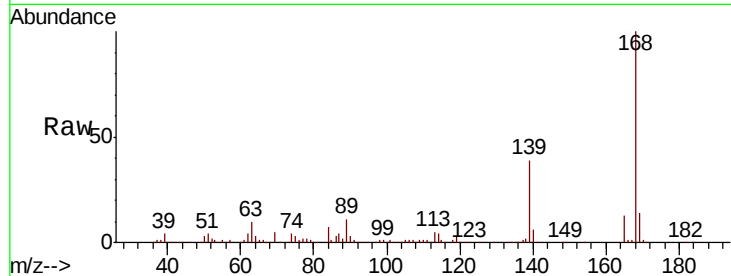
#55
Dibenzenofuran
Concen: 37.297 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

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

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

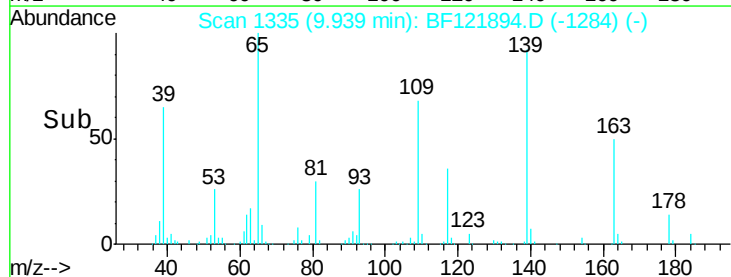
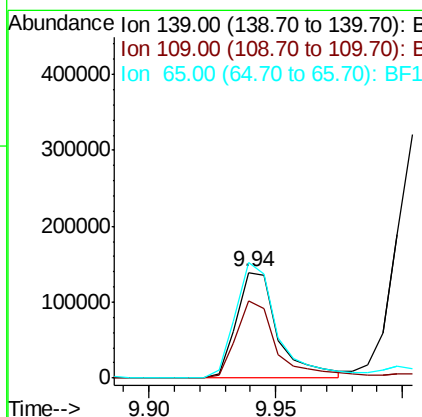
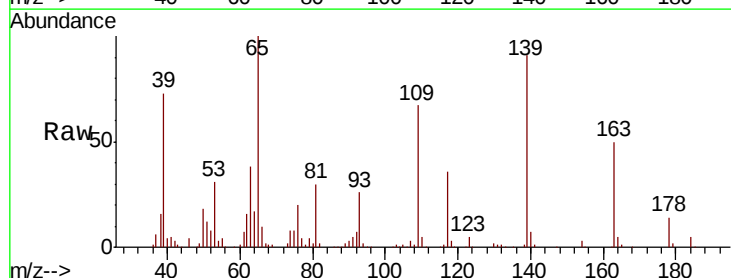
Manual Integrations
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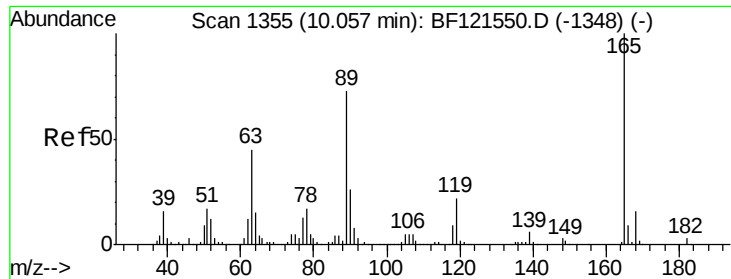
mohammad
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#56
4-Nitrophenol
Concen: 53.077 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

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





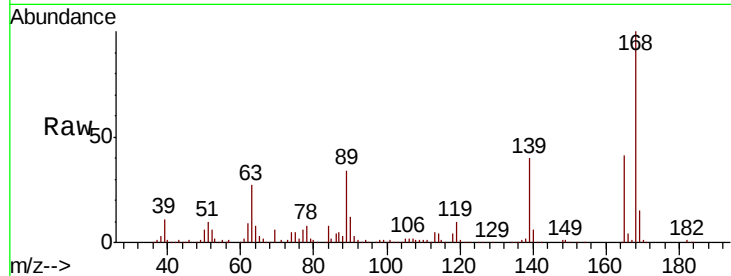
#57
2,4-Dinitrotoluene
Concen: 40.553 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

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

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

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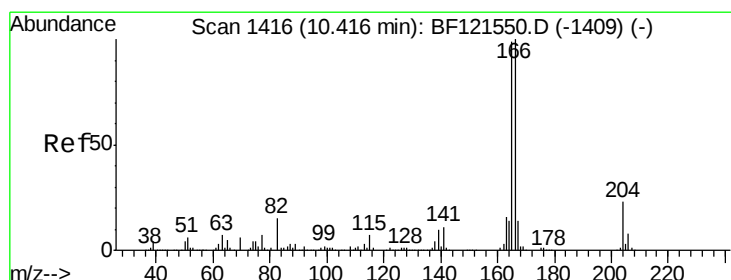
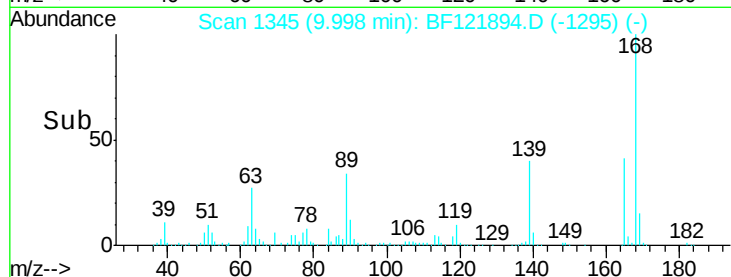
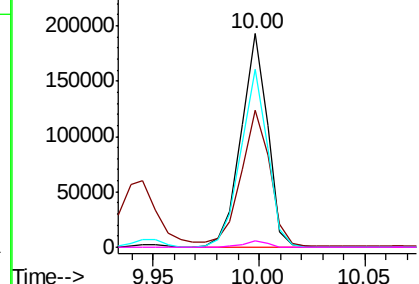
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

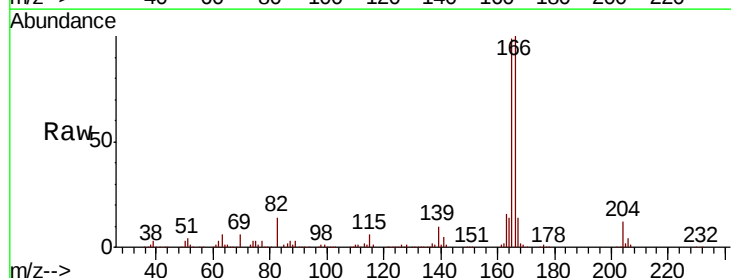
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



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

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

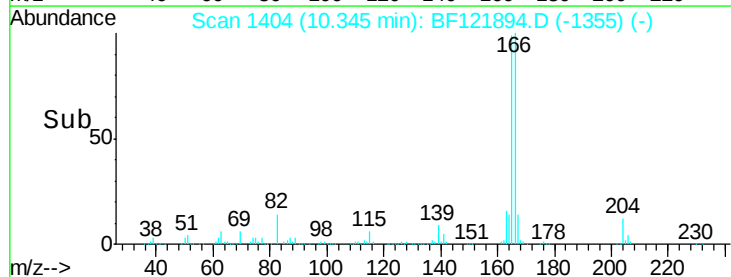
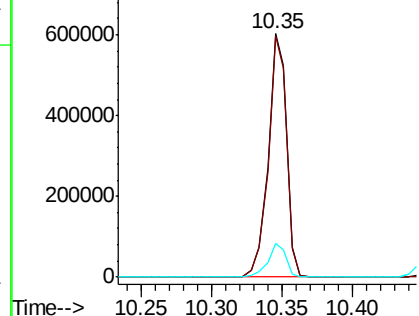


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





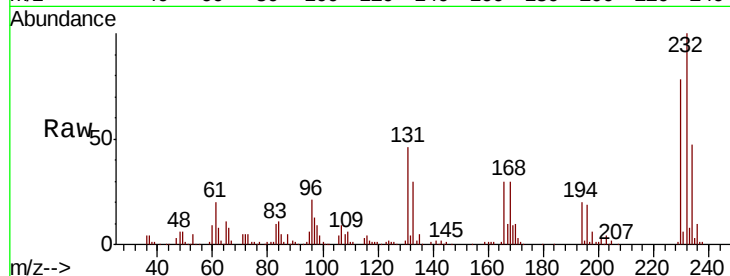
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.545 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

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

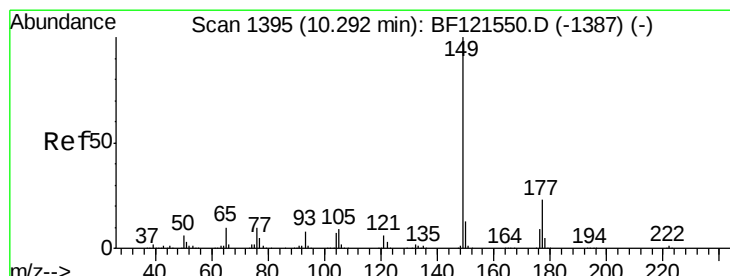
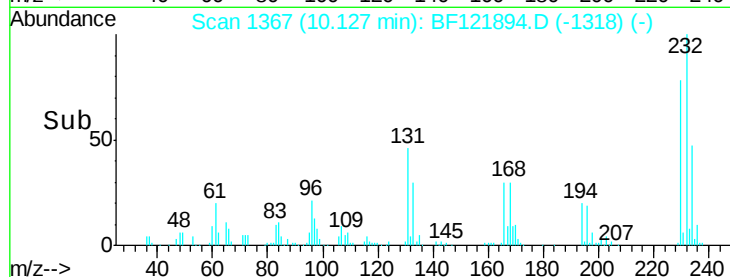
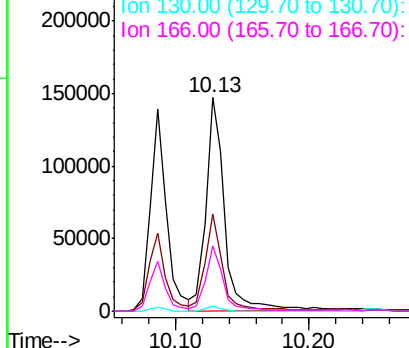
Tot Ion	Ratio	Resp	Lower	Upper
232	100	141339		
131	42.3	35.9	53.9	
130	2.0	1.8	2.6	
166	28.5	23.5	35.3	

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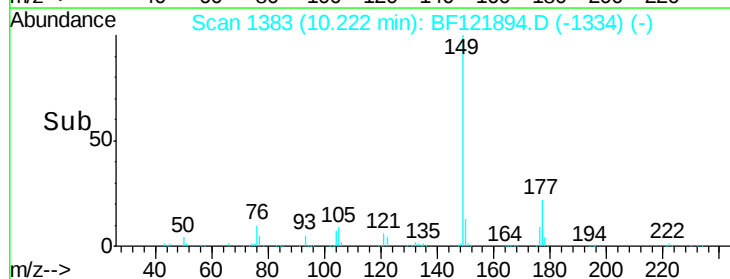
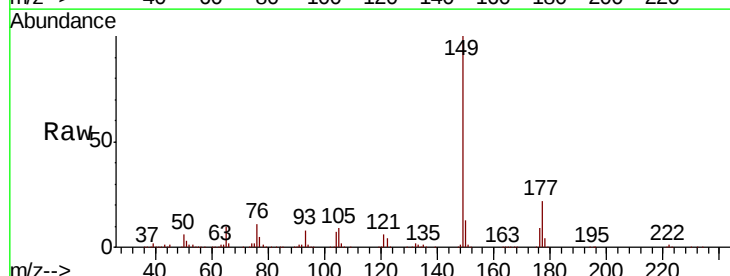
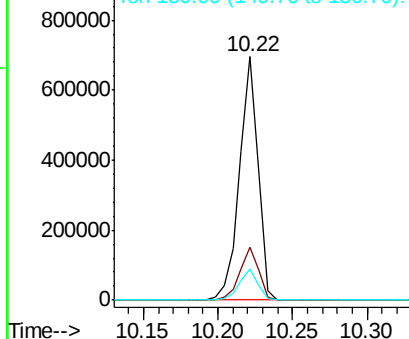
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

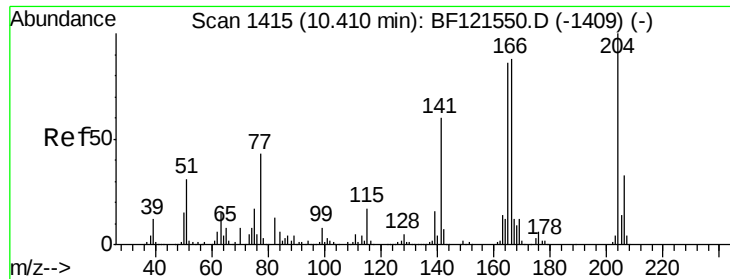


#60
 Diethylphthalate
 Concen: 40.572 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.01 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

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

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





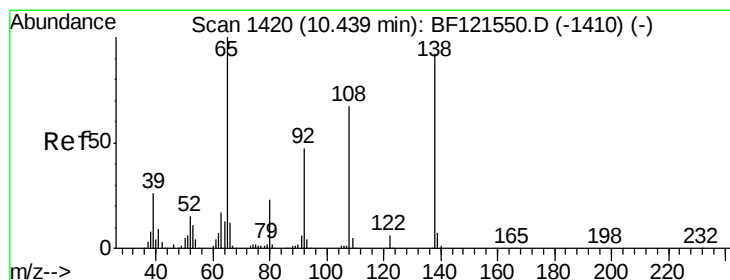
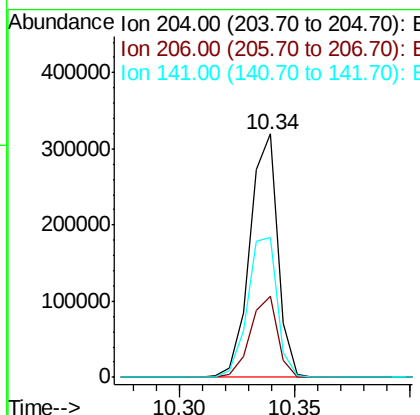
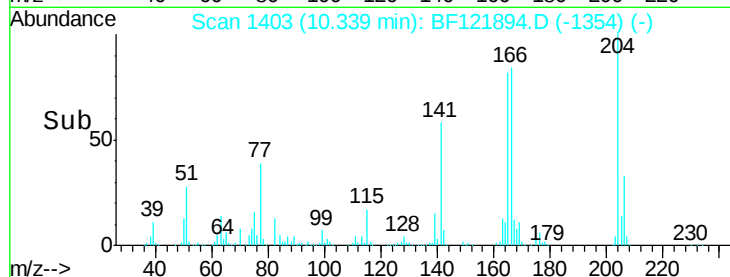
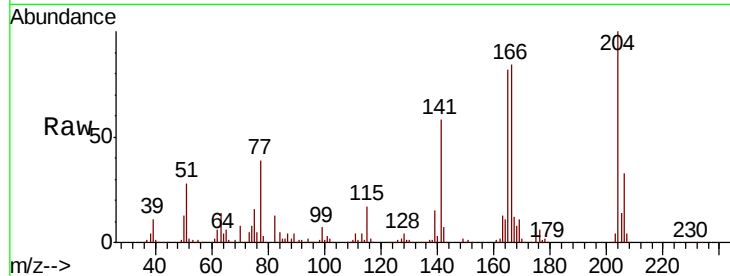
#61
 4-Chlorophenyl-phenylether
 Concen: 40.550 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

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

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

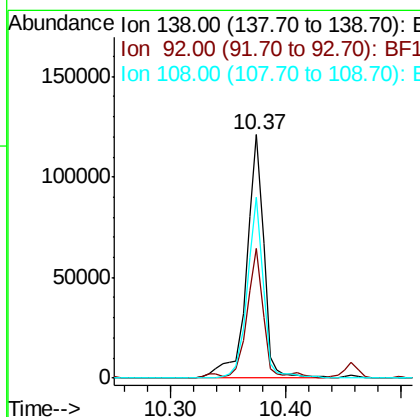
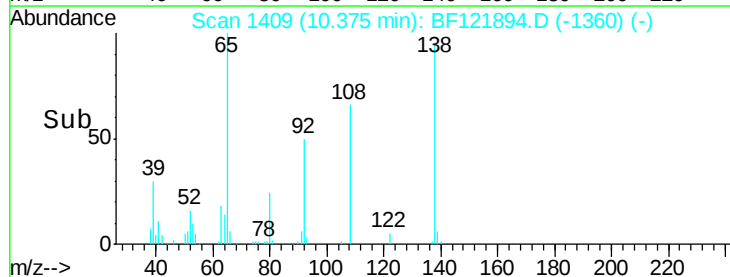
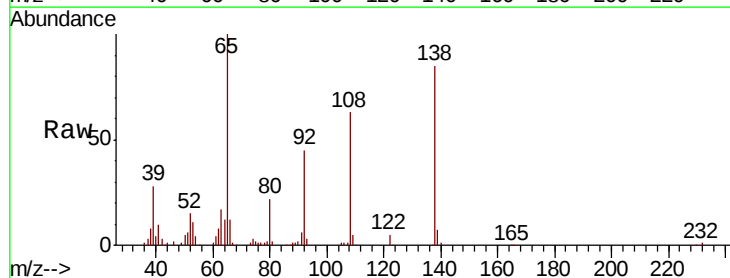
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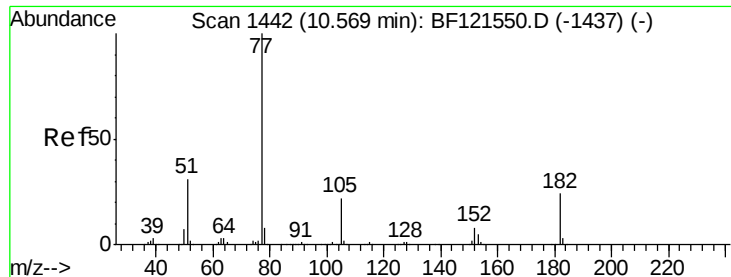
mohammad
 10/12/2020 11:31:32 AM



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

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





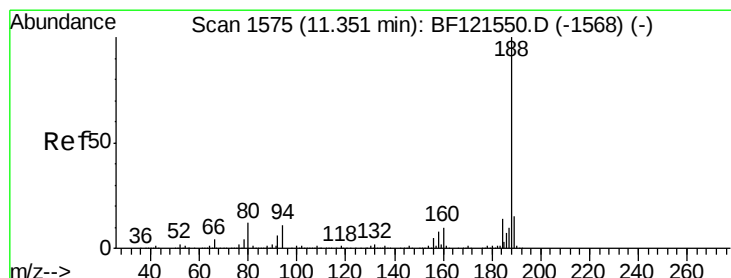
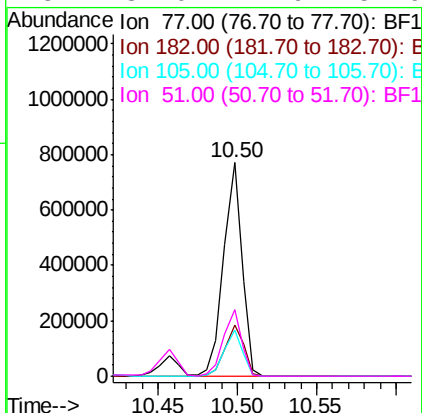
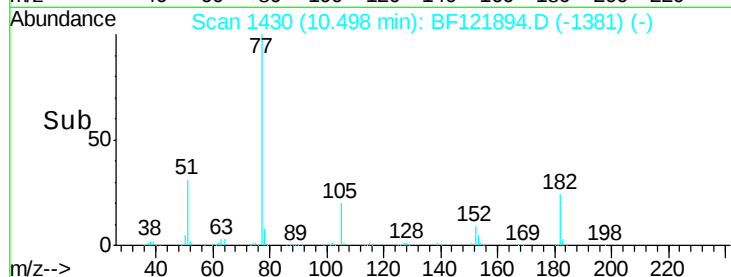
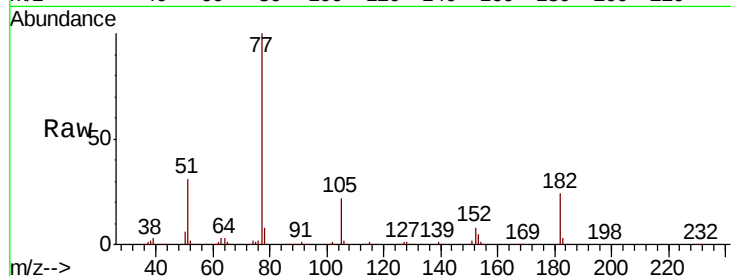
#63
Azobenzene
Concen: 39.348 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

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

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.0	3.4	43.4
105	21.8	1.7	41.7
51	31.0	11.6	51.6

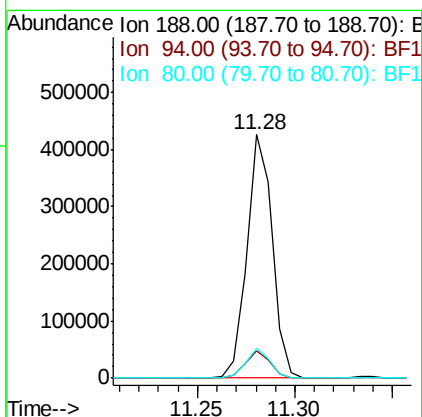
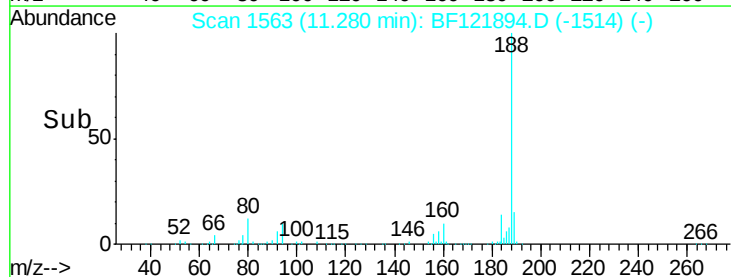
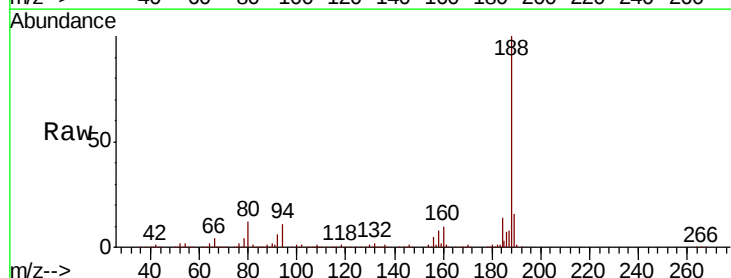
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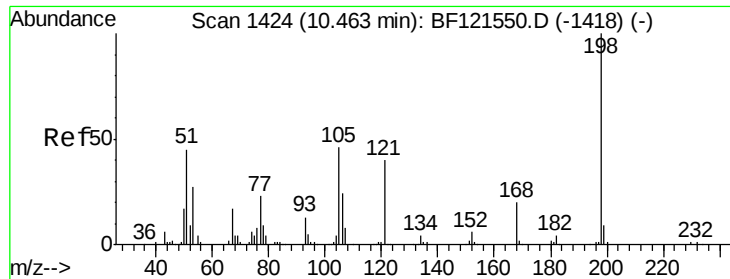
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.3	12.5
80	12.2	9.1	13.7





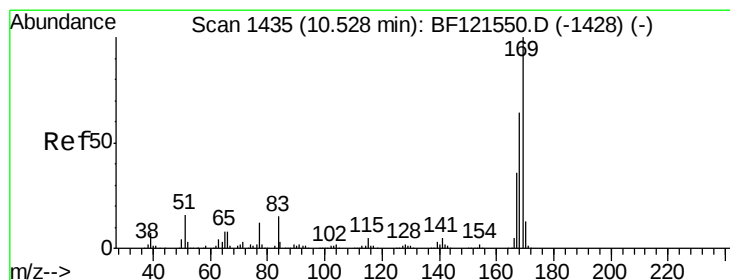
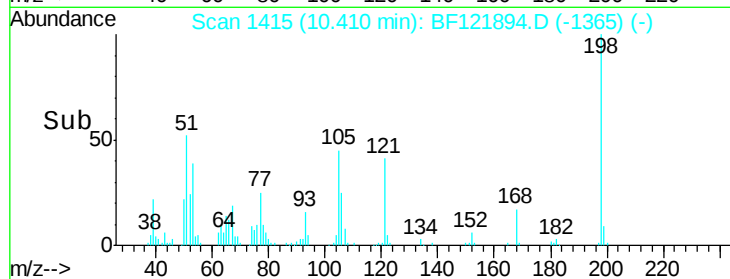
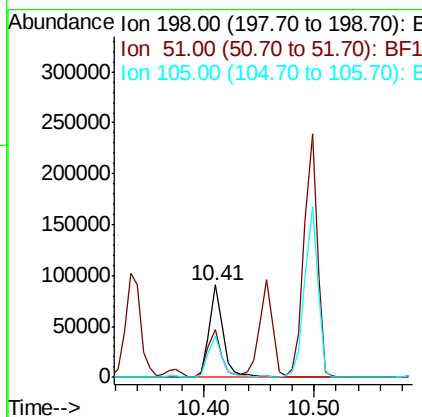
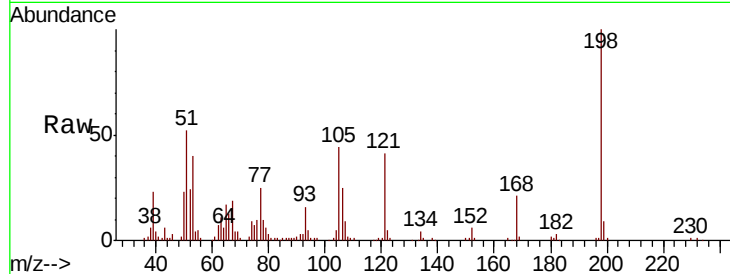
#65
 4,6-Dinitro-2-methylphenol
 Concen: 35.841 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

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

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

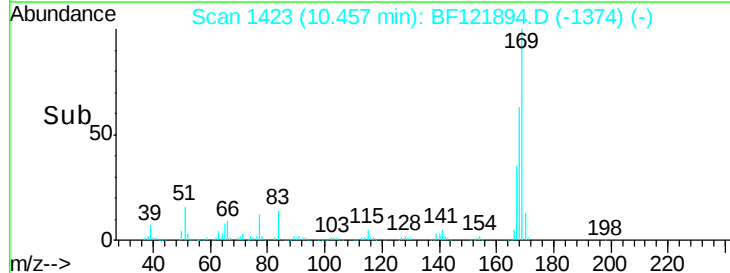
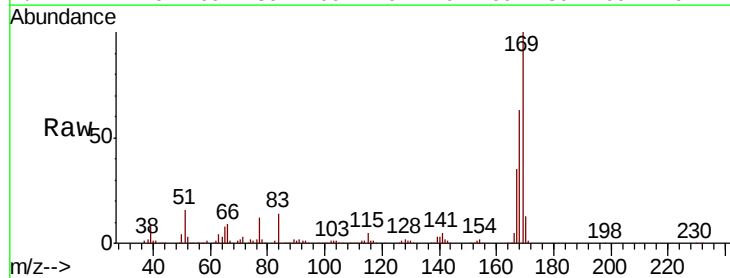
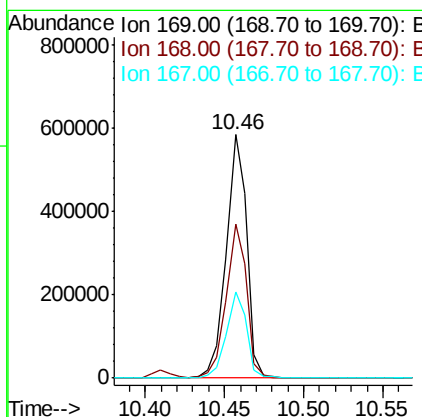
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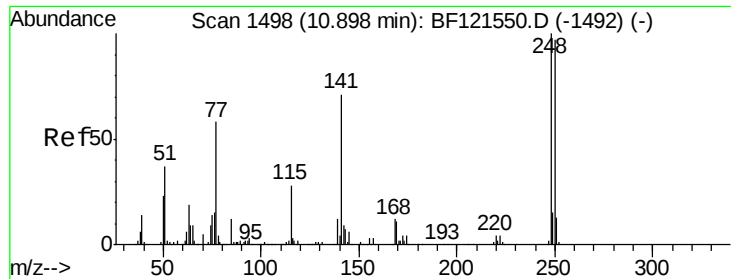
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#66
 n-Nitrosodiphenylamine
 Concen: 39.760 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

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





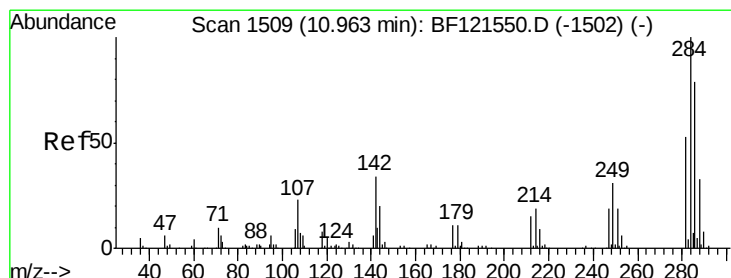
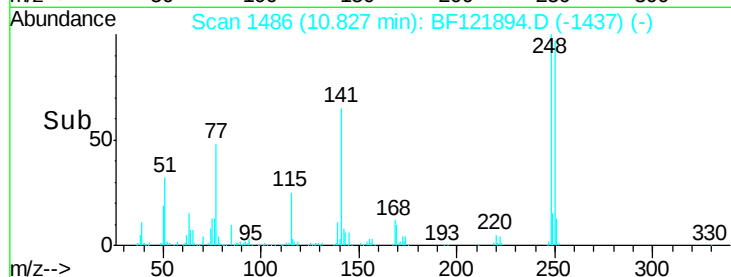
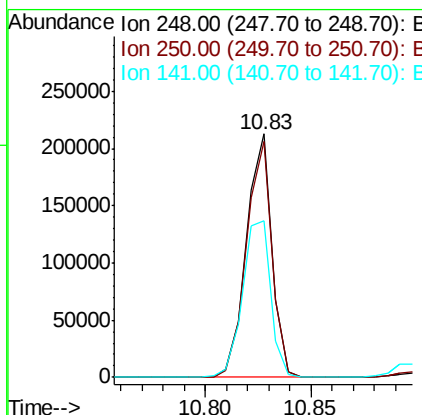
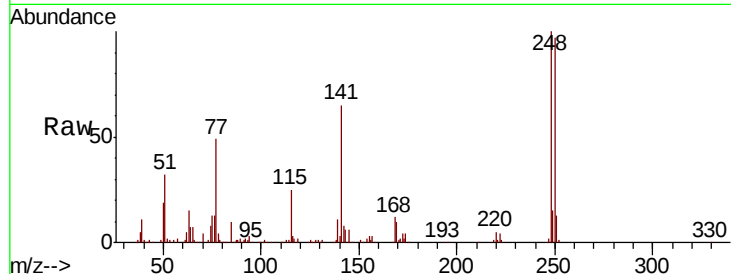
#67
 4-Bromophenyl-phenylether
 Concen: 41.020 ng
 RT: 10.83 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

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

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

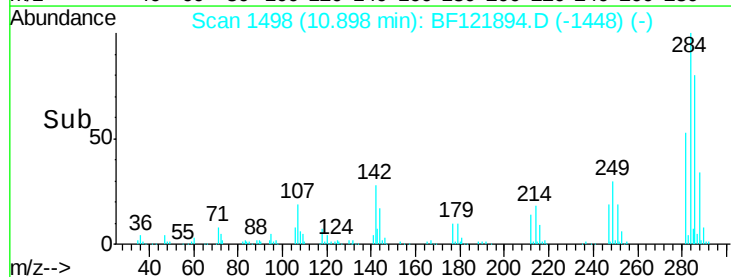
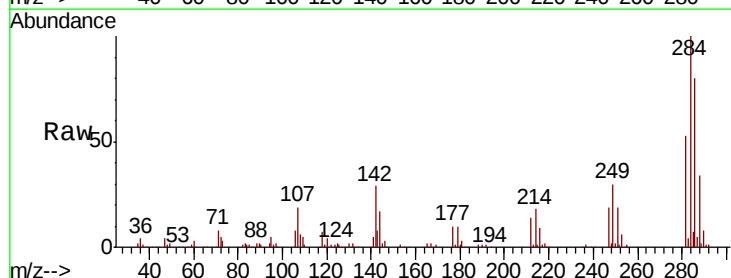
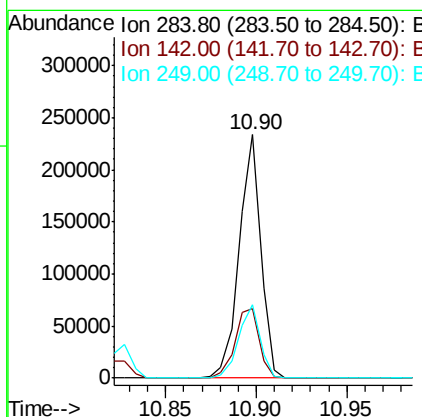
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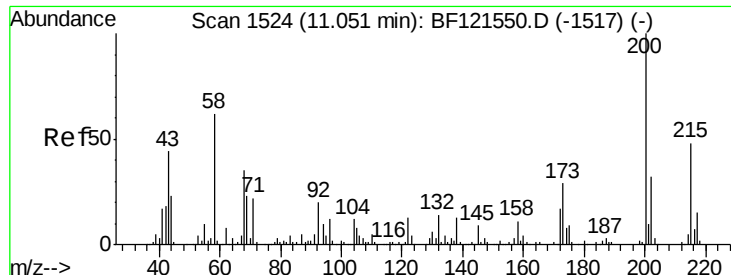
mohammad
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#68
 Hexachlorobenzene
 Concen: 39.450 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

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





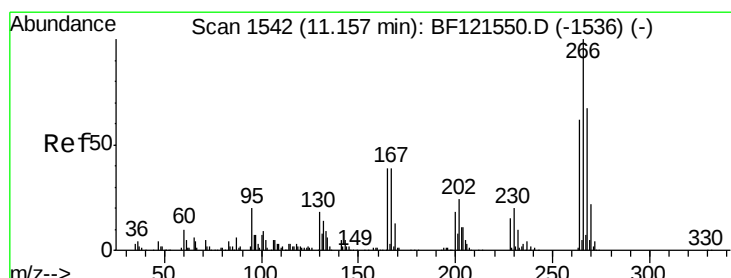
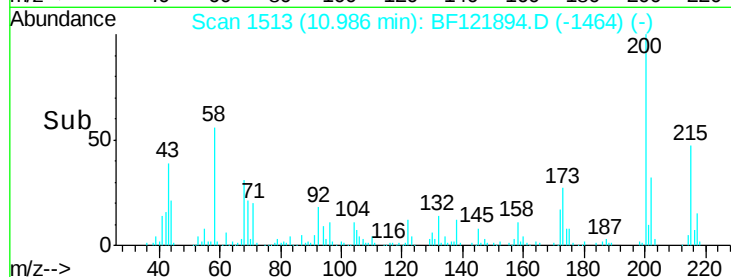
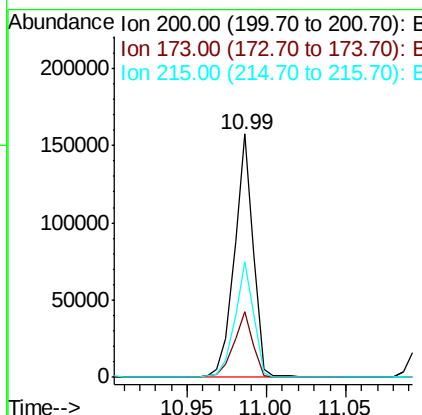
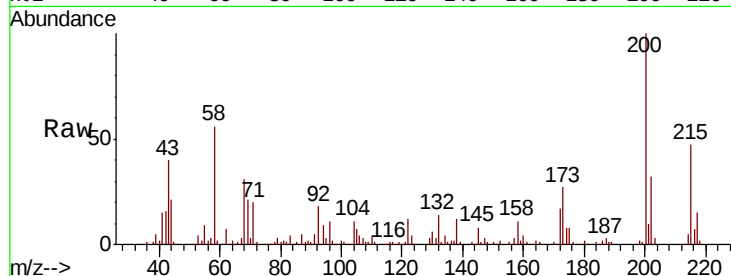
#69
Atrazine
Concen: 39.769 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

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

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

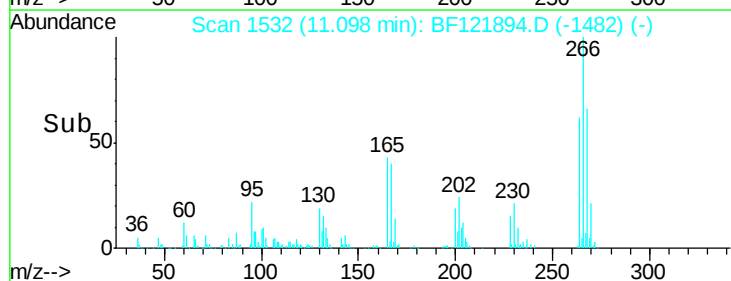
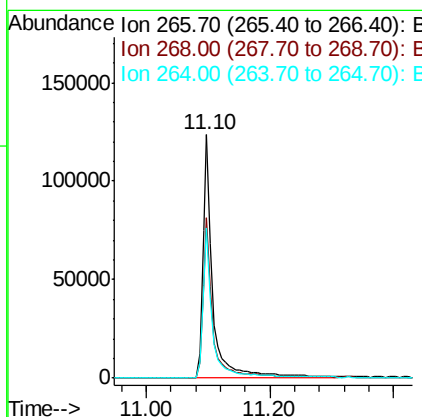
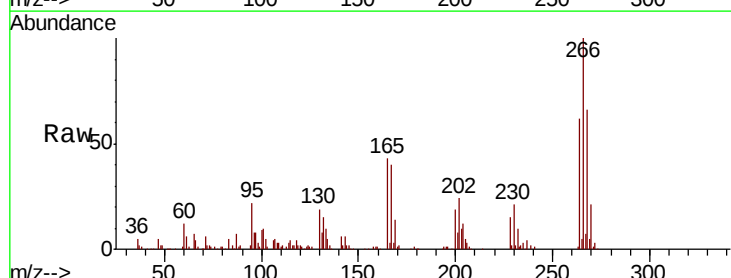
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#70
Pentachlorophenol
Concen: 53.105 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

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





#71

Phenanthrene

Concen: 38.927 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Instrument :

BNA_F

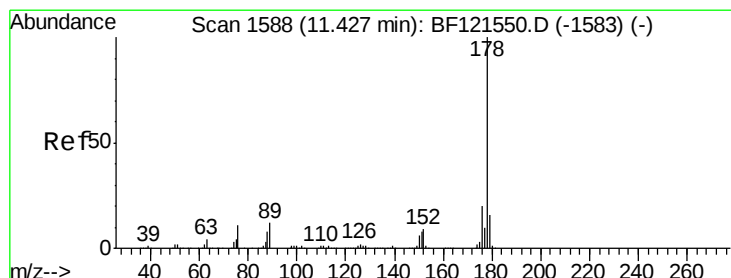
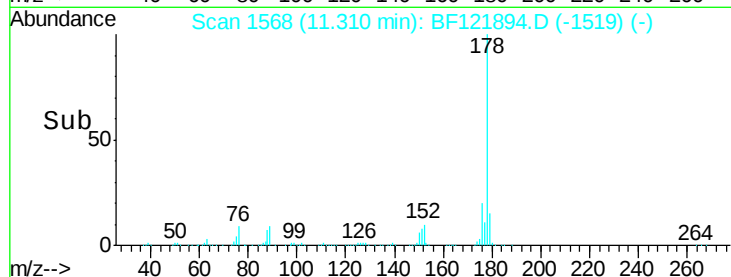
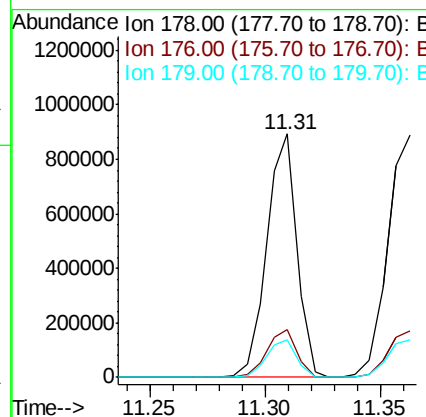
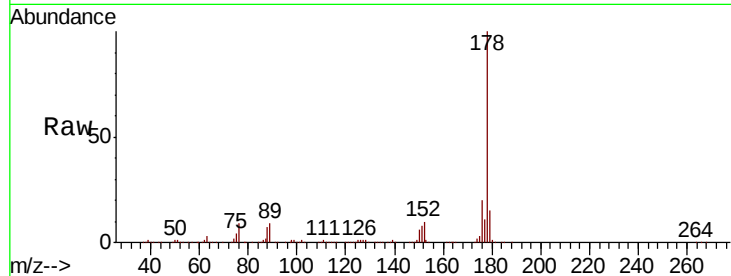
ClientSampleId :

OWLS-HEAD-BH-04-BMSD

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

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#72

Anthracene

Concen: 38.669 ng

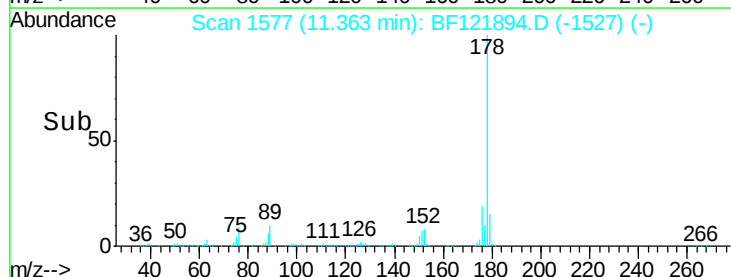
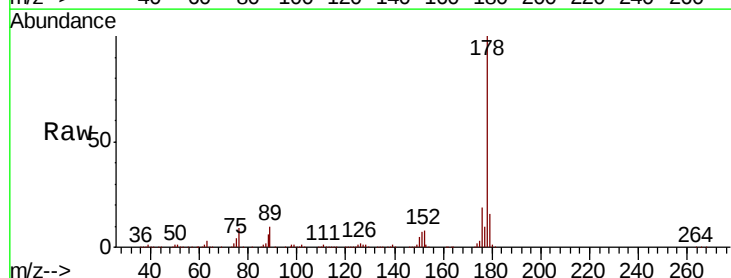
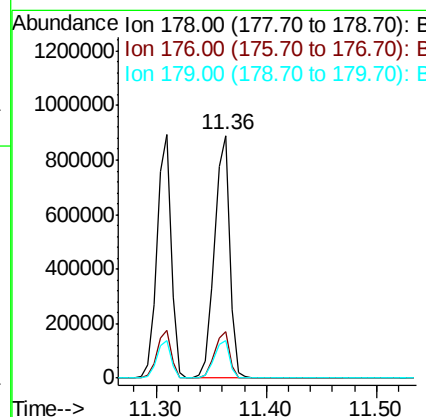
RT: 11.36 min Scan# 1577

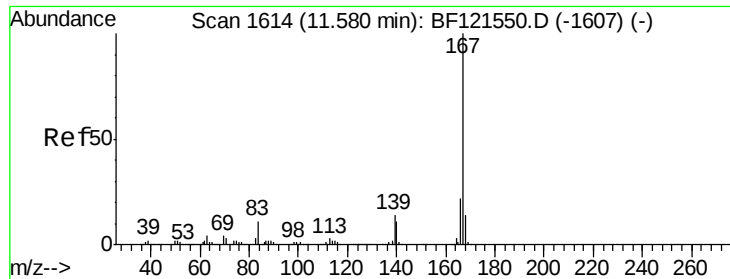
Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

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





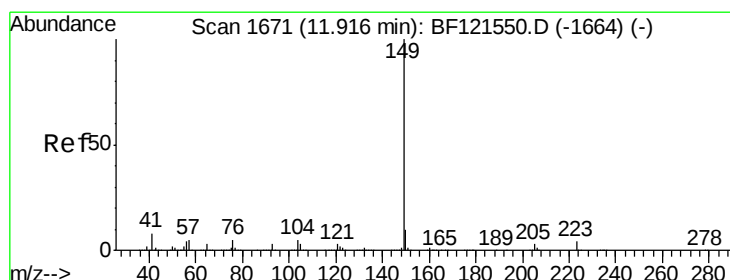
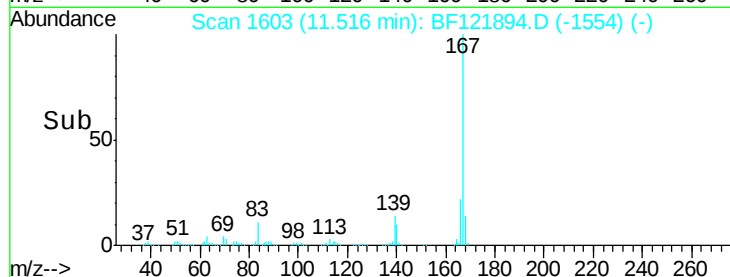
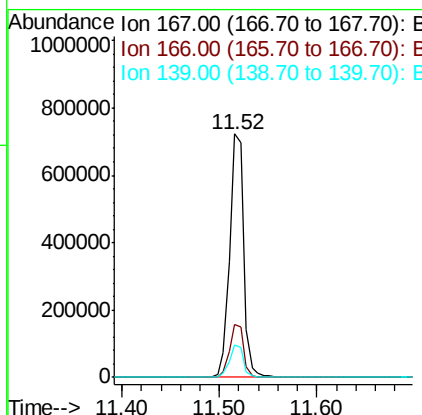
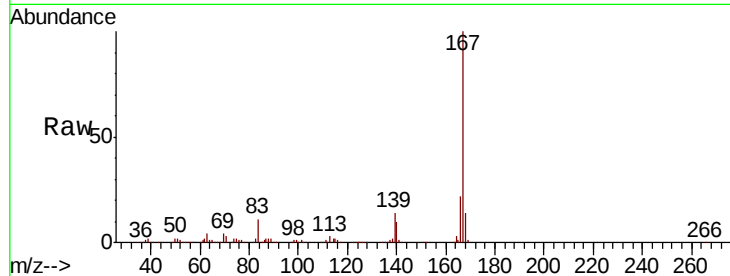
#73
 Carbazole
 Concen: 37.478 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

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

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

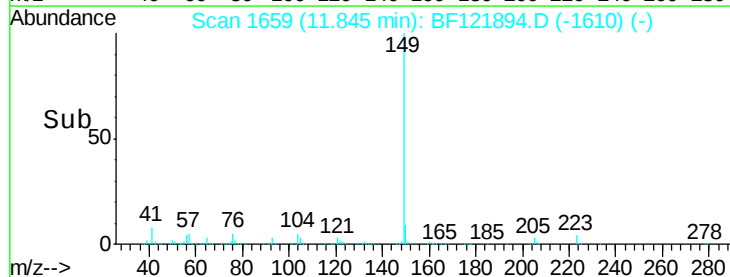
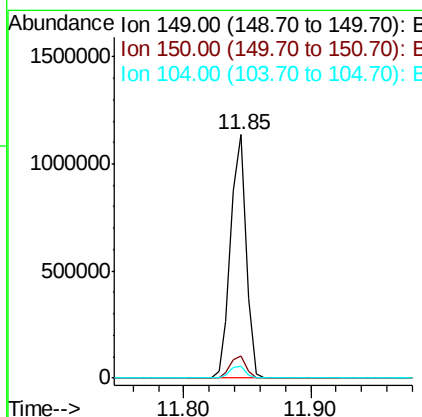
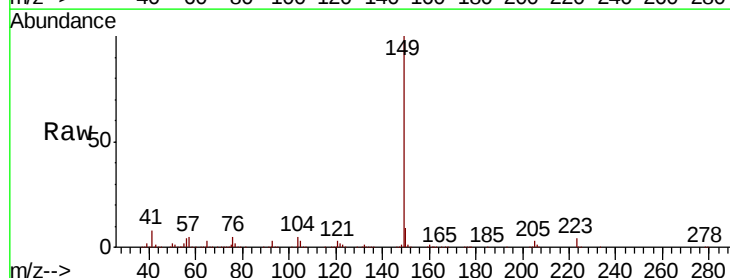
Manual Integrations
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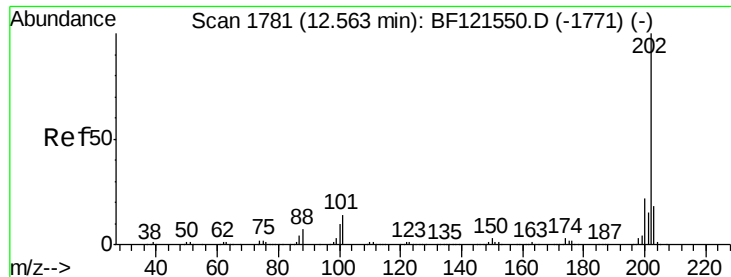
mohammad
 10/12/2020 11:31:32 AM



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

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





#75

Fluoranthene

Concen: 36.808 ng

RT: 12.50 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Instrument :

BNA_F

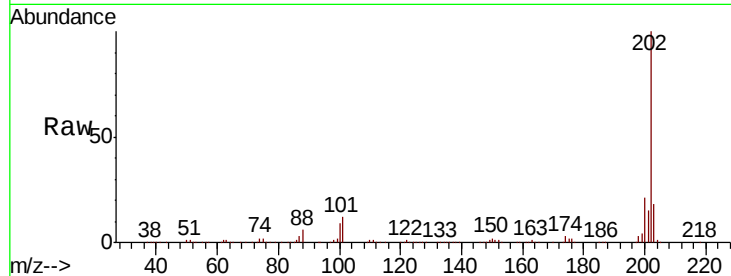
ClientSampleId :

OWLS-HEAD-BH-04-BMSD

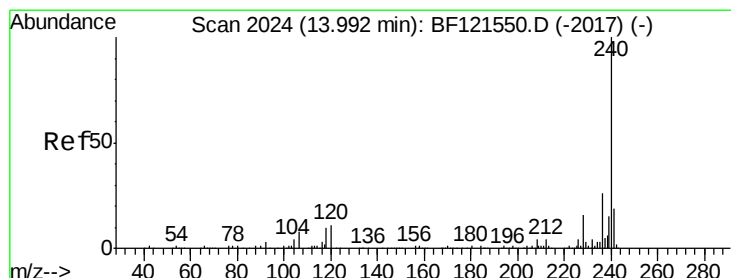
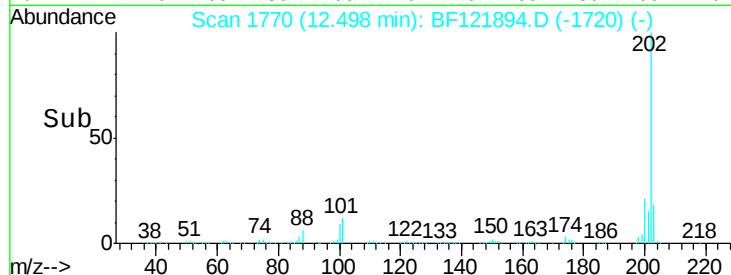
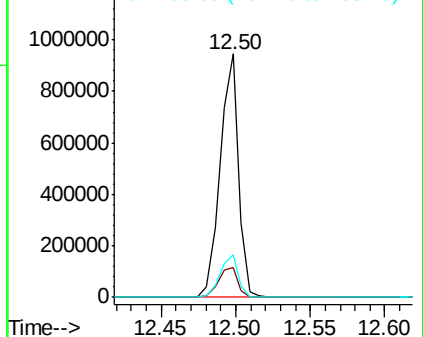
Tot Ion	Ratio	Resp	Lower	Upper
202	100	817947		
101	12.4	0.0	33.4	
203	17.6	0.0	37.9	

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



#76

Chrysene-d12

Concen: 20.000 ng

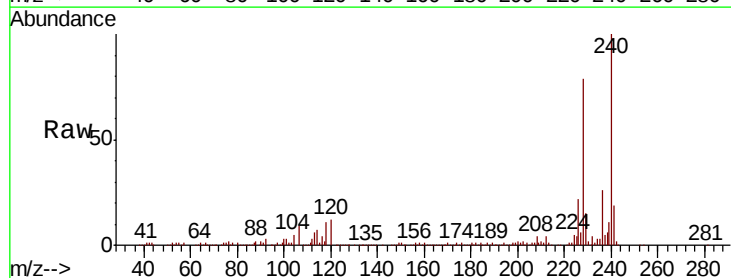
RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

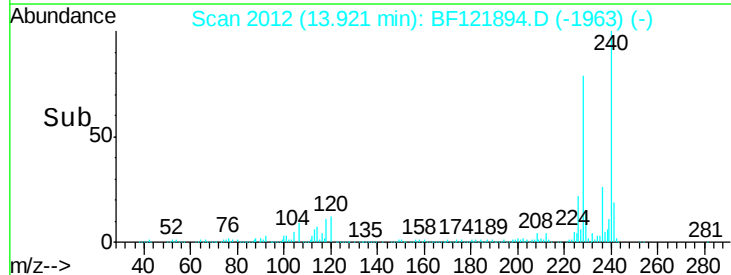
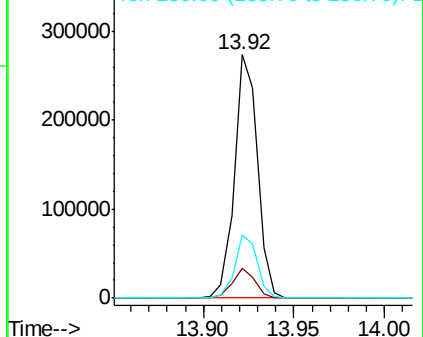
Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	241799		
120	12.4	9.2	13.8	
236	25.8	20.9	31.3	



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





#77

Benzidine

Concen: 44.569 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Instrument :

BNA_F

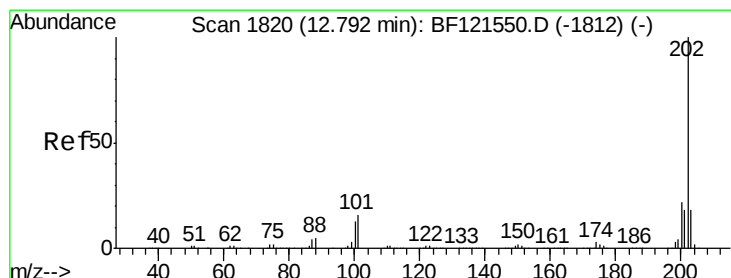
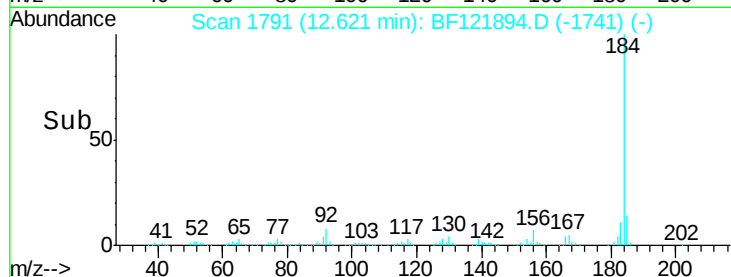
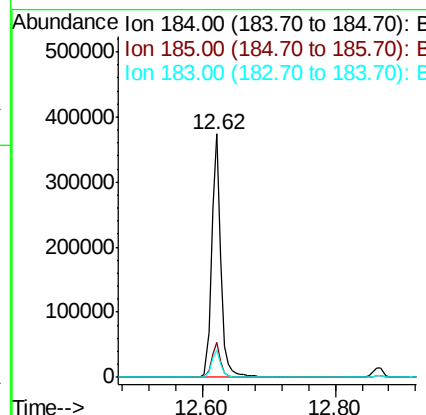
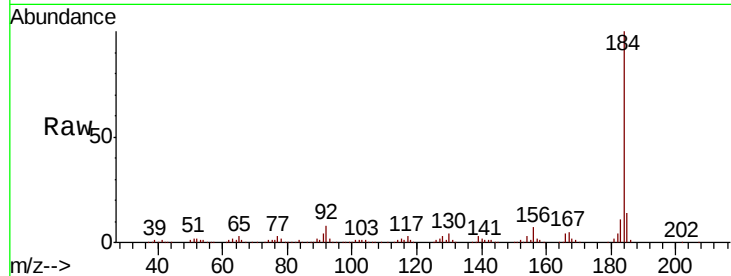
ClientSampleId :

OWLS-HEAD-BH-04-BMSD

Tot Ion:	184	Resp:	357274
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.6	17.4
183	11.4	9.4	14.0

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#78

Pyrene

Concen: 45.847 ng

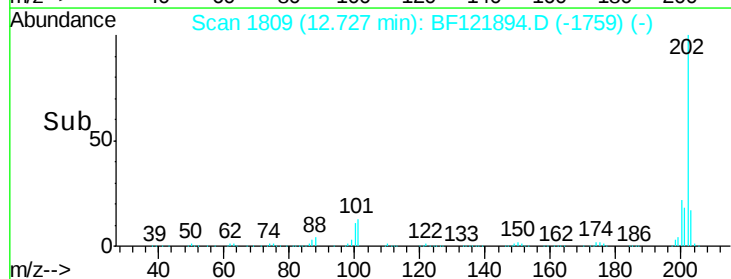
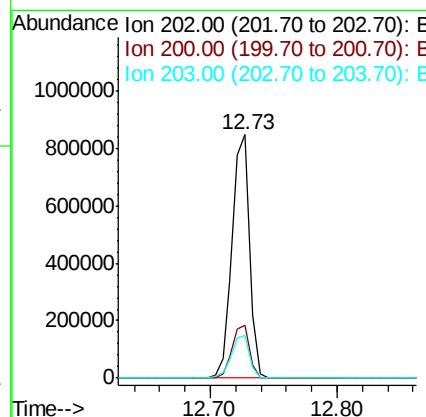
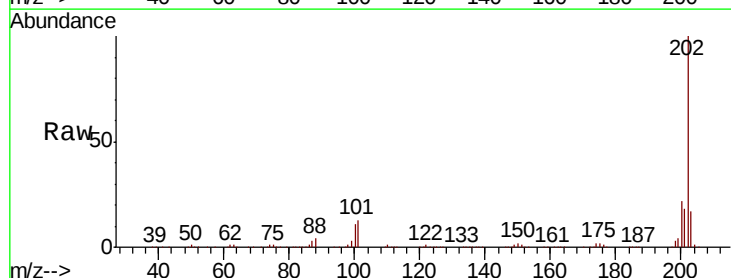
RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF121894.D

Acq: 8 Oct 2020 17:48

Tgt Ion:	202	Resp:	809967
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.4	26.2
203	17.4	14.6	21.8





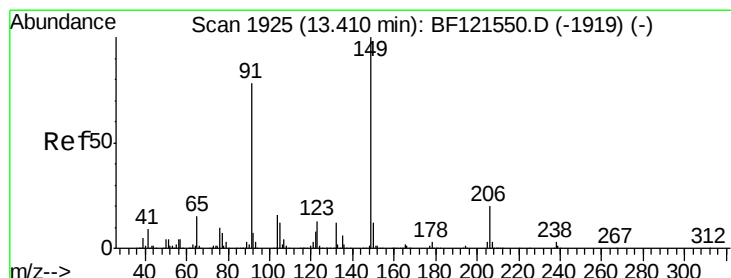
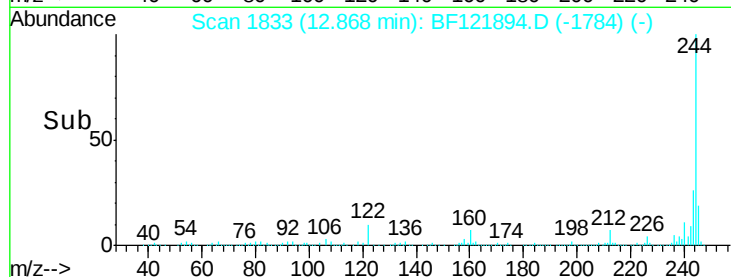
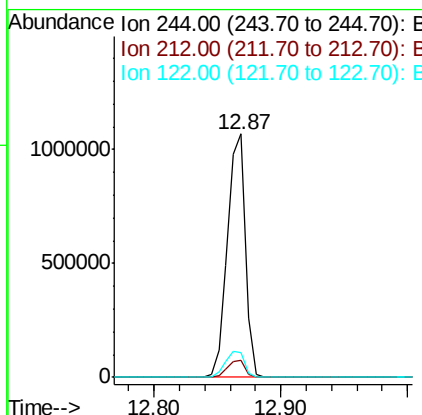
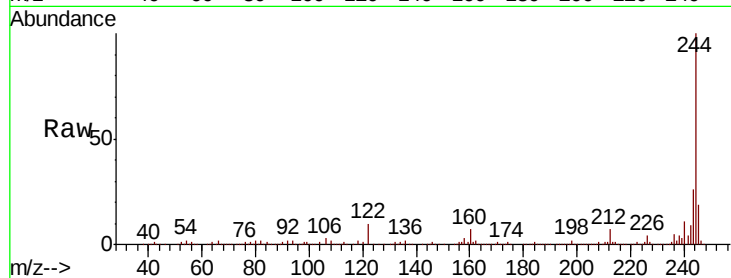
#79
 Terphenyl-d14
 Concen: 87.469 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.2
122	10.2	8.1	12.1

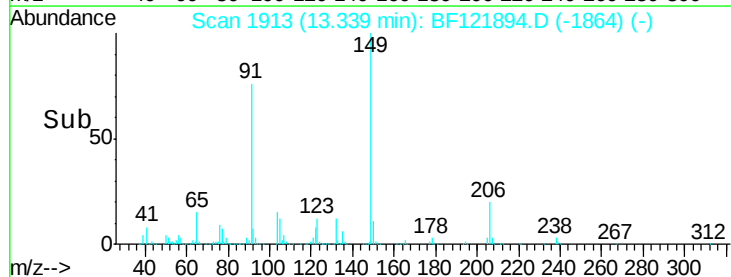
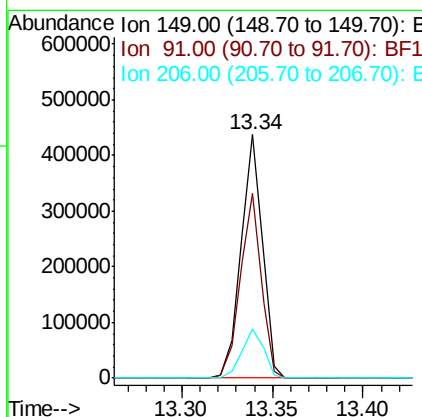
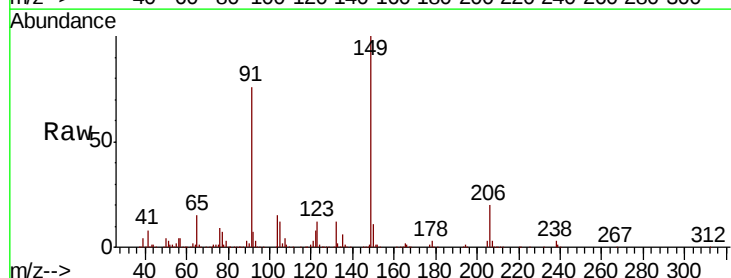
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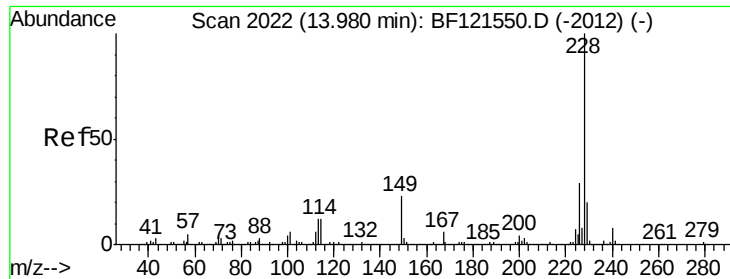
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#80
 Butylbenzylphthalate
 Concen: 50.039 ng
 RT: 13.34 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.7	61.0	91.4
206	20.0	16.7	25.1





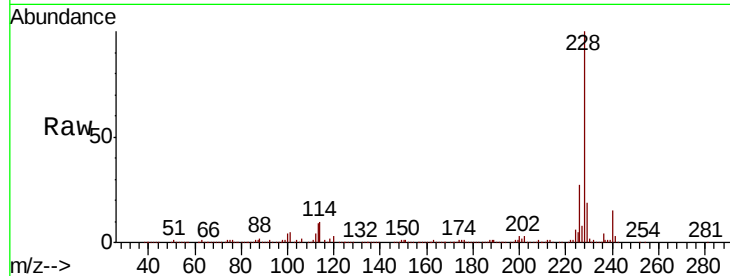
#81
Benzo(a)anthracene
Concen: 41.706 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

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

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

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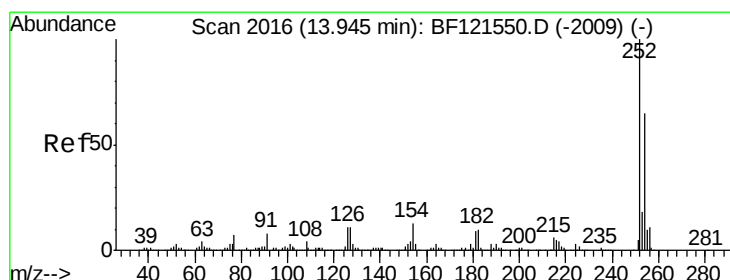
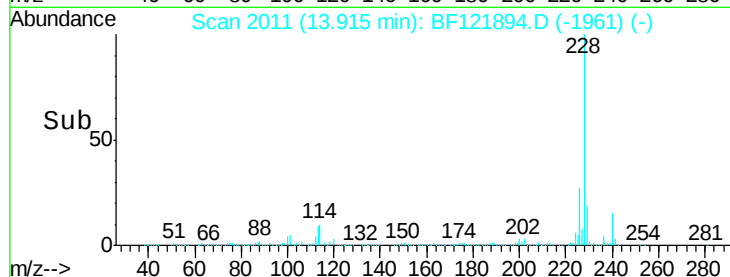
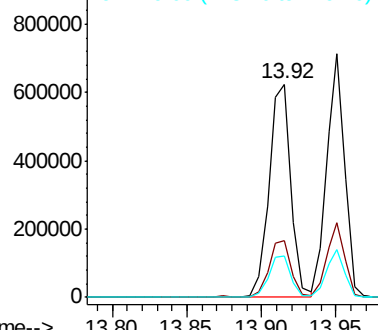


Abundance

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: 33.262 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

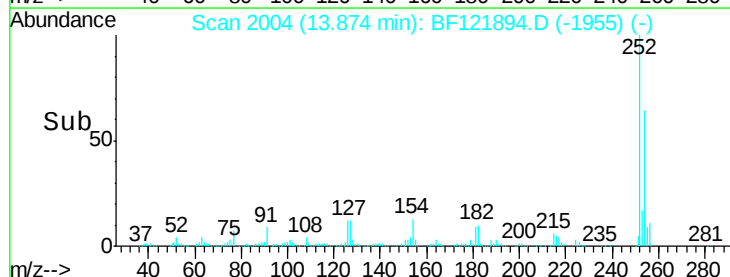
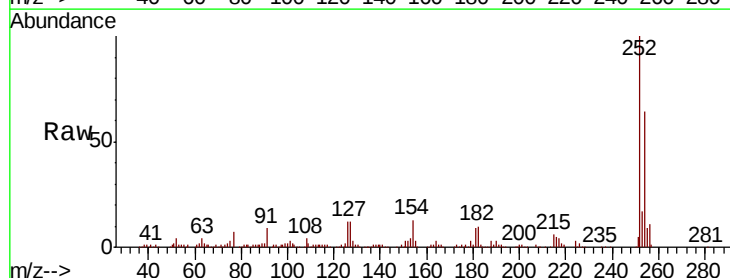
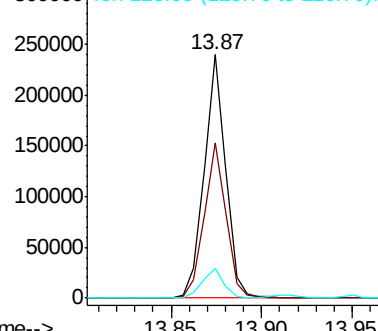
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.8	77.6
126	12.1	8.8	13.2

Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





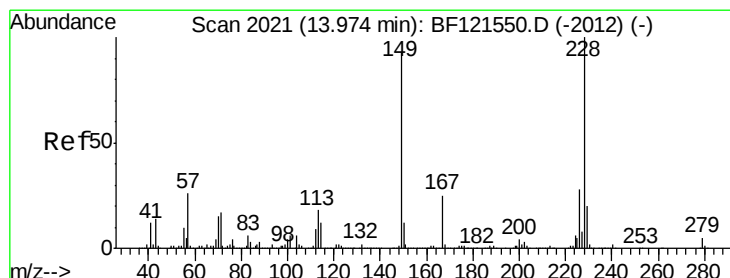
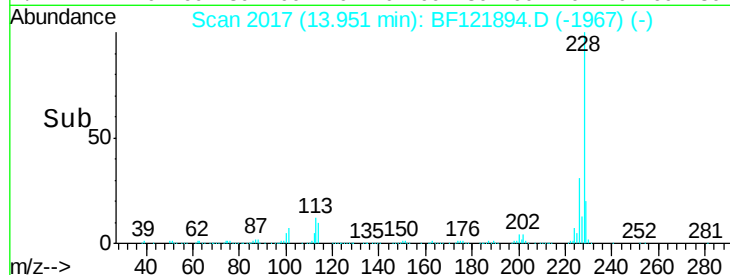
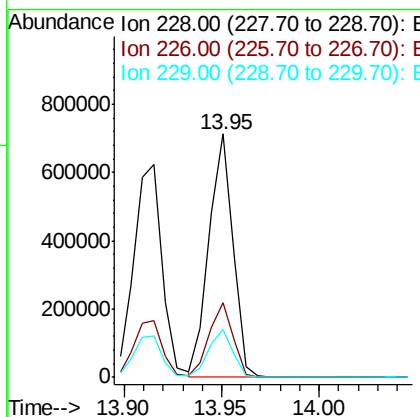
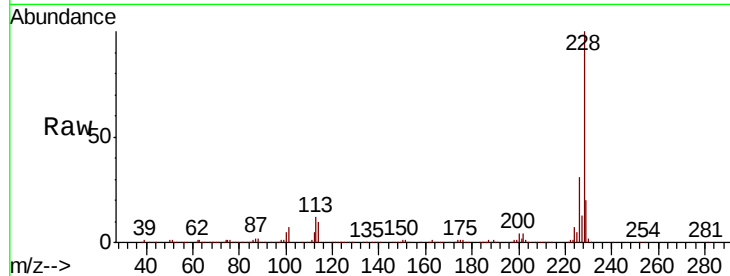
#83
 Chrvsene
 Concen: 39.269 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	37.0
229	19.8	15.9	23.9

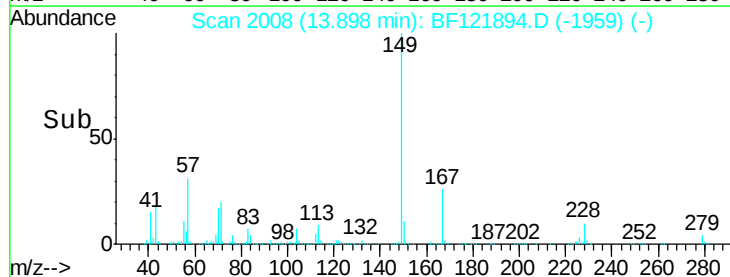
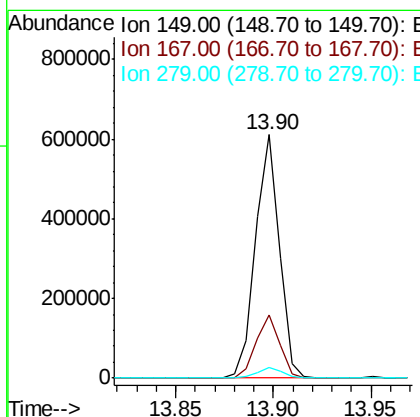
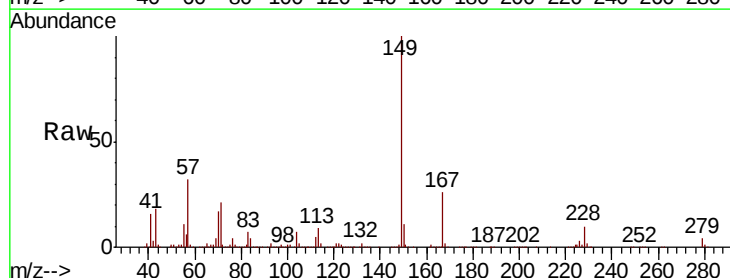
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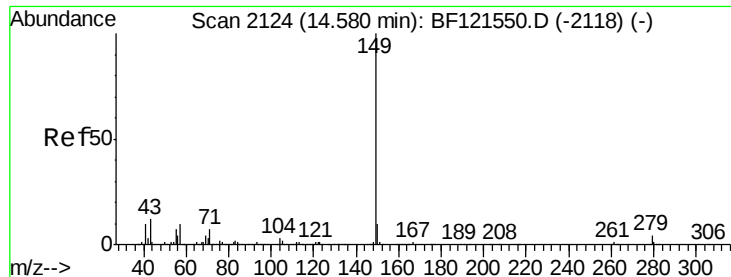
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 54.326 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.1	20.9	31.3
279	4.2	3.2	4.8





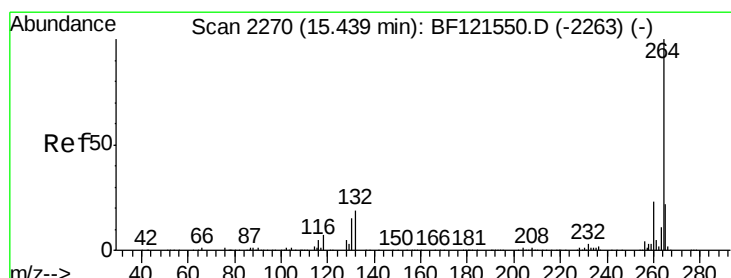
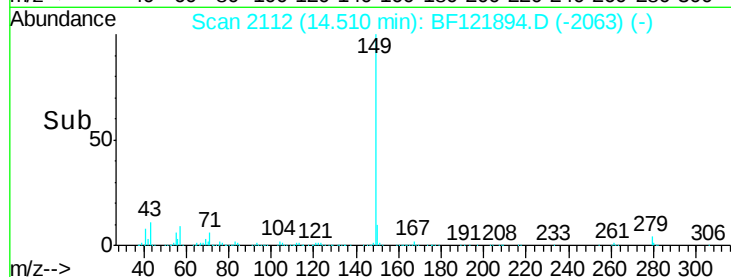
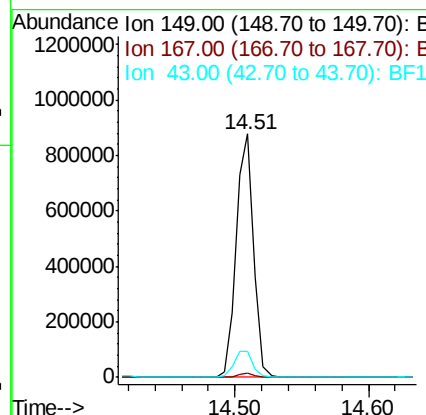
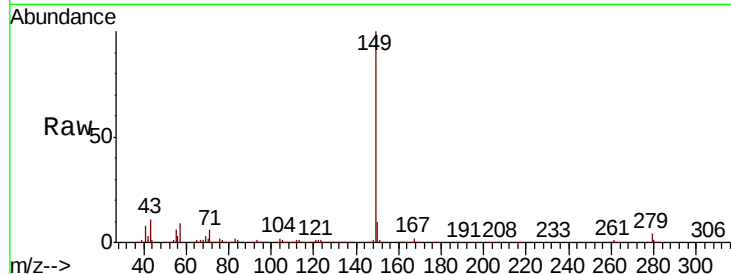
#85
Di-n-octyl phthalate
Concen: 47.567 ng
RT: 14.51 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

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

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

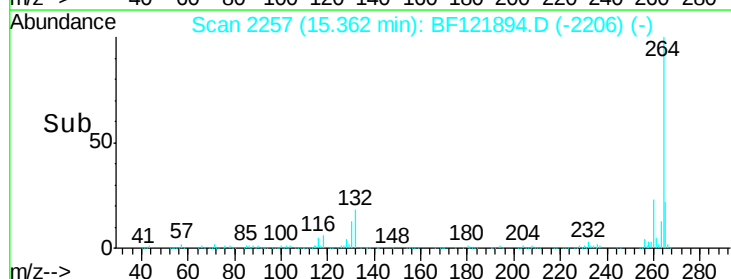
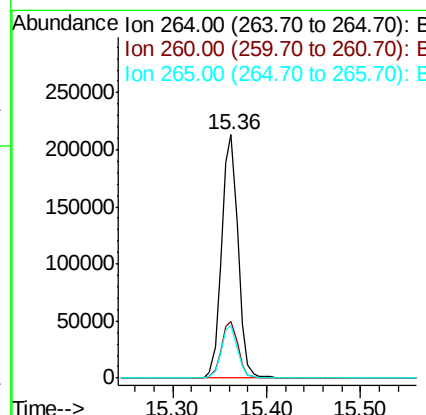
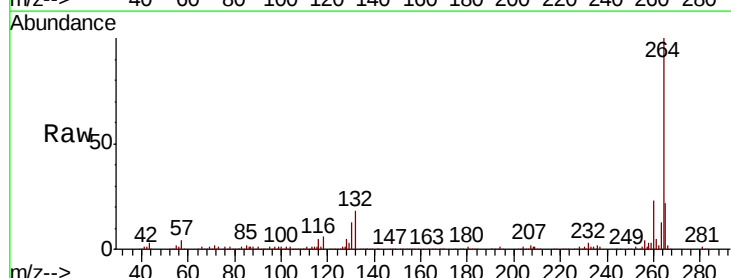
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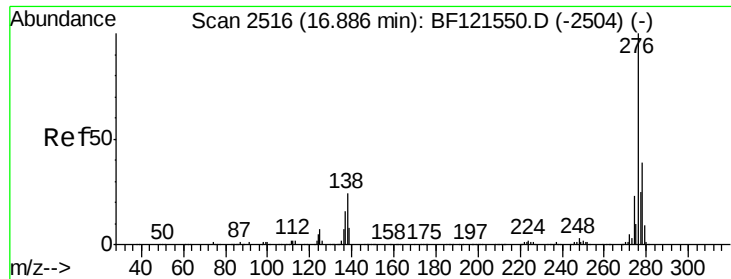
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

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





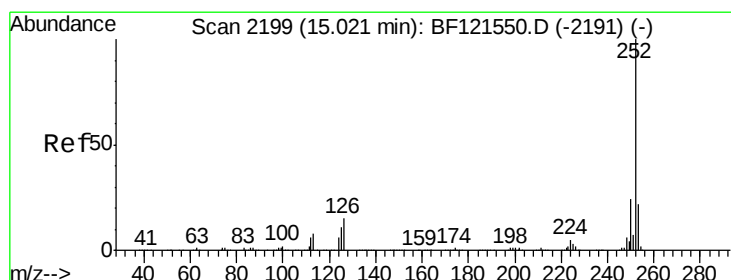
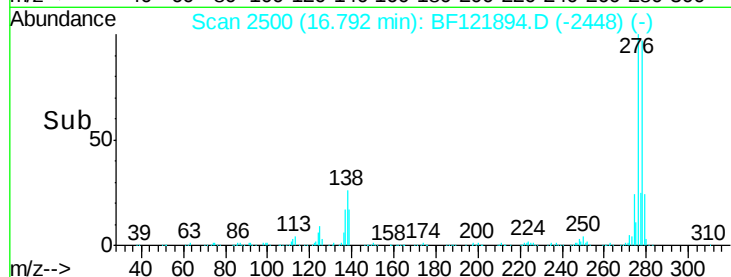
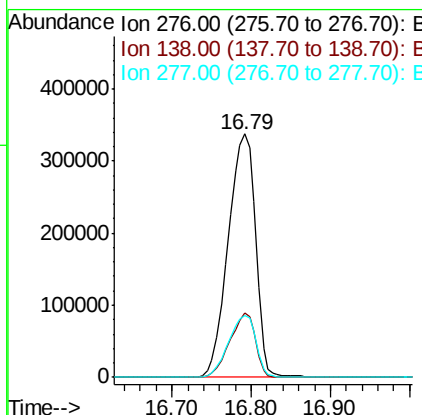
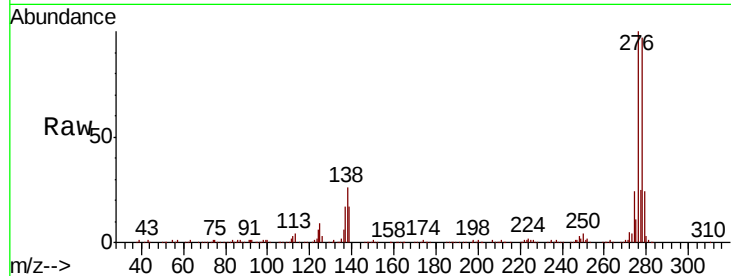
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.341 ng
 RT: 16.79 min Scan# 2500
 Delta R.T. 0.01 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

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

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

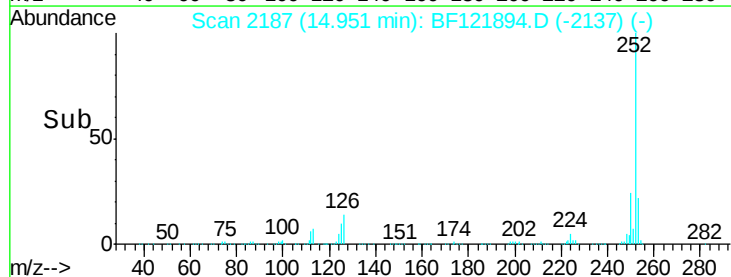
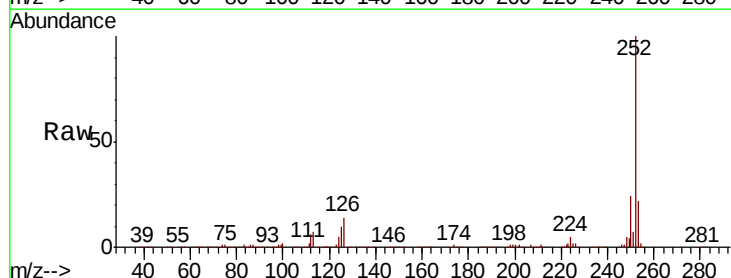
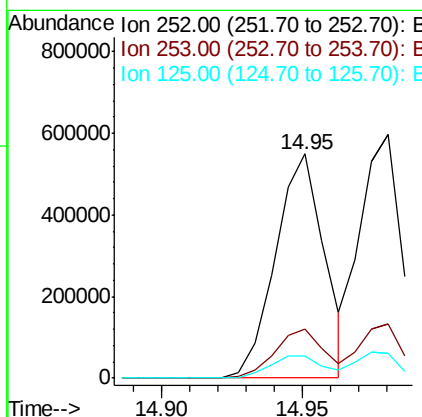
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#88
 Benzo(b)fluoranthene
 Concen: 37.658 ng
 RT: 14.95 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BF121894.D
 Acq: 8 Oct 2020 17:48

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





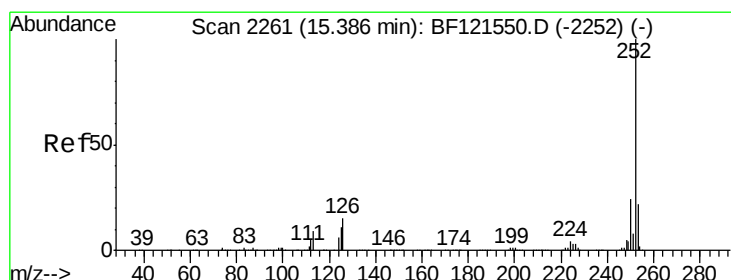
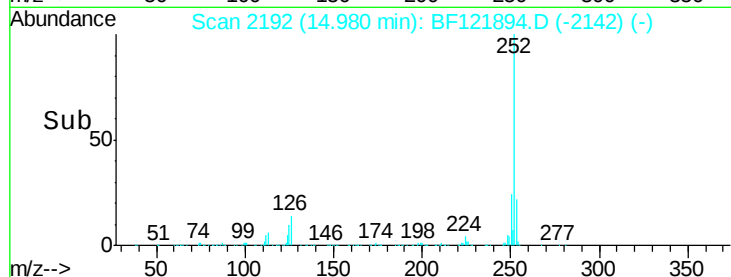
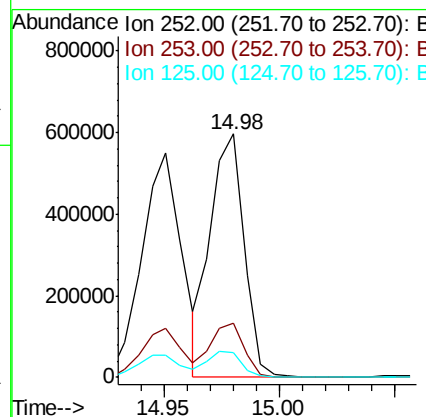
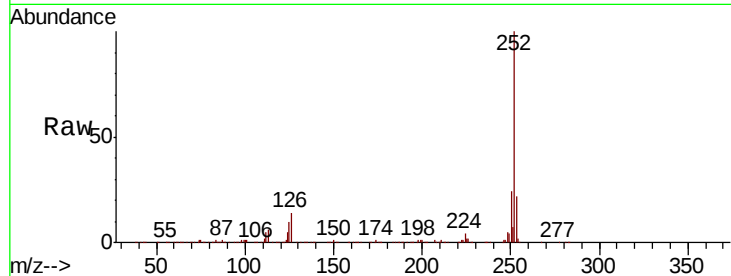
#89
Benzo(k)fluoranthene
Concen: 37.669 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

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

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

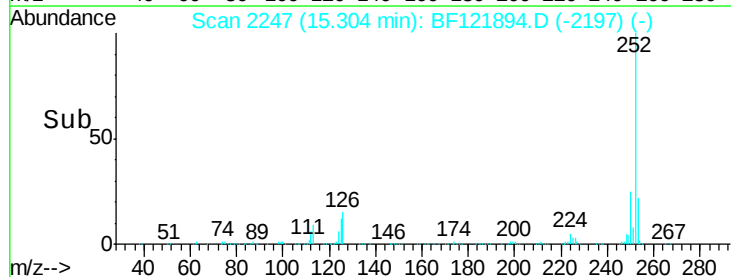
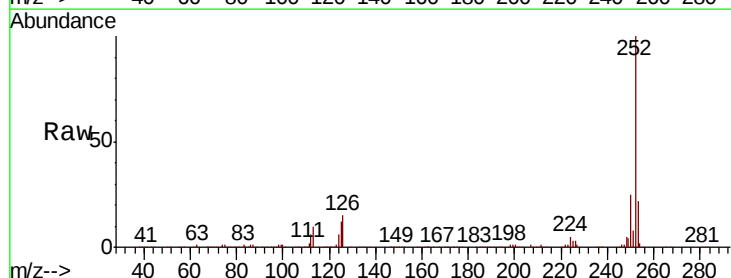
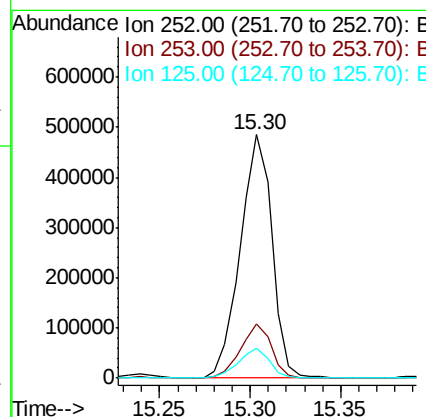
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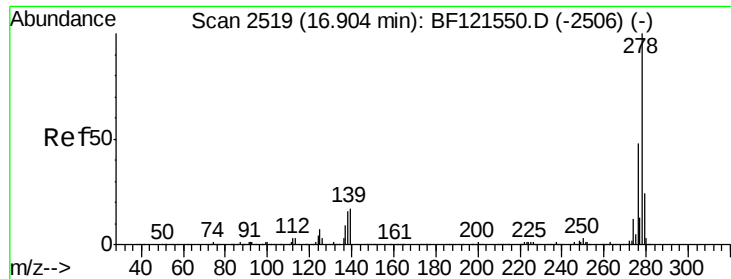
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#90
Benzo(a)pyrene
Concen: 39.603 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

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





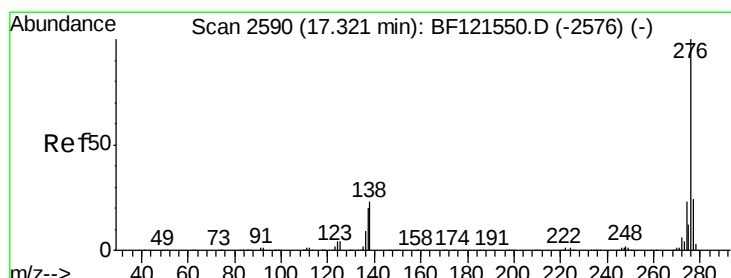
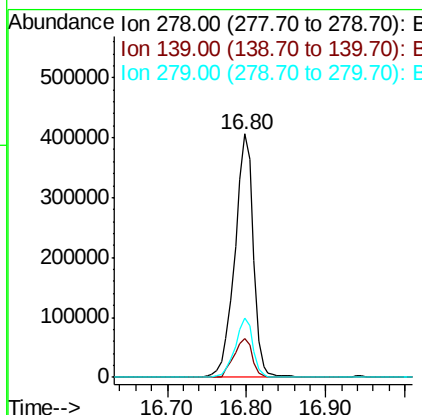
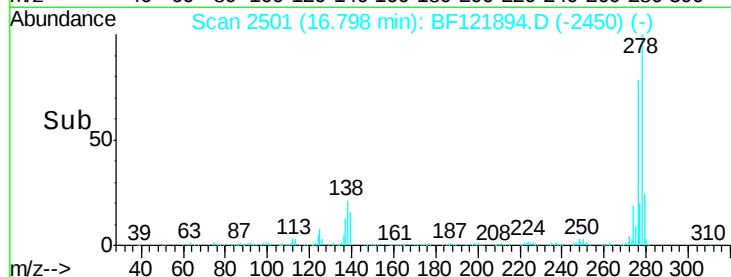
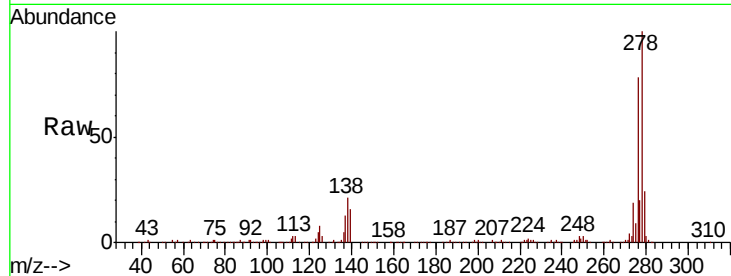
#91
Dibenzo(a,h)anthracene
Concen: 46.224 ng
RT: 16.80 min Scan# 2501
Delta R.T. 0.00 min
Lab File: BF121894.D
Acq: 8 Oct 2020 17:48

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

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

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

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

