

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
 Data File : BF122750.D
 Acq On : 16 Dec 2020 15:12
 Operator : JU/CG
 Sample : L5066-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JBD-IB-0809A-0-6

Quant Time: Dec 17 01:11:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

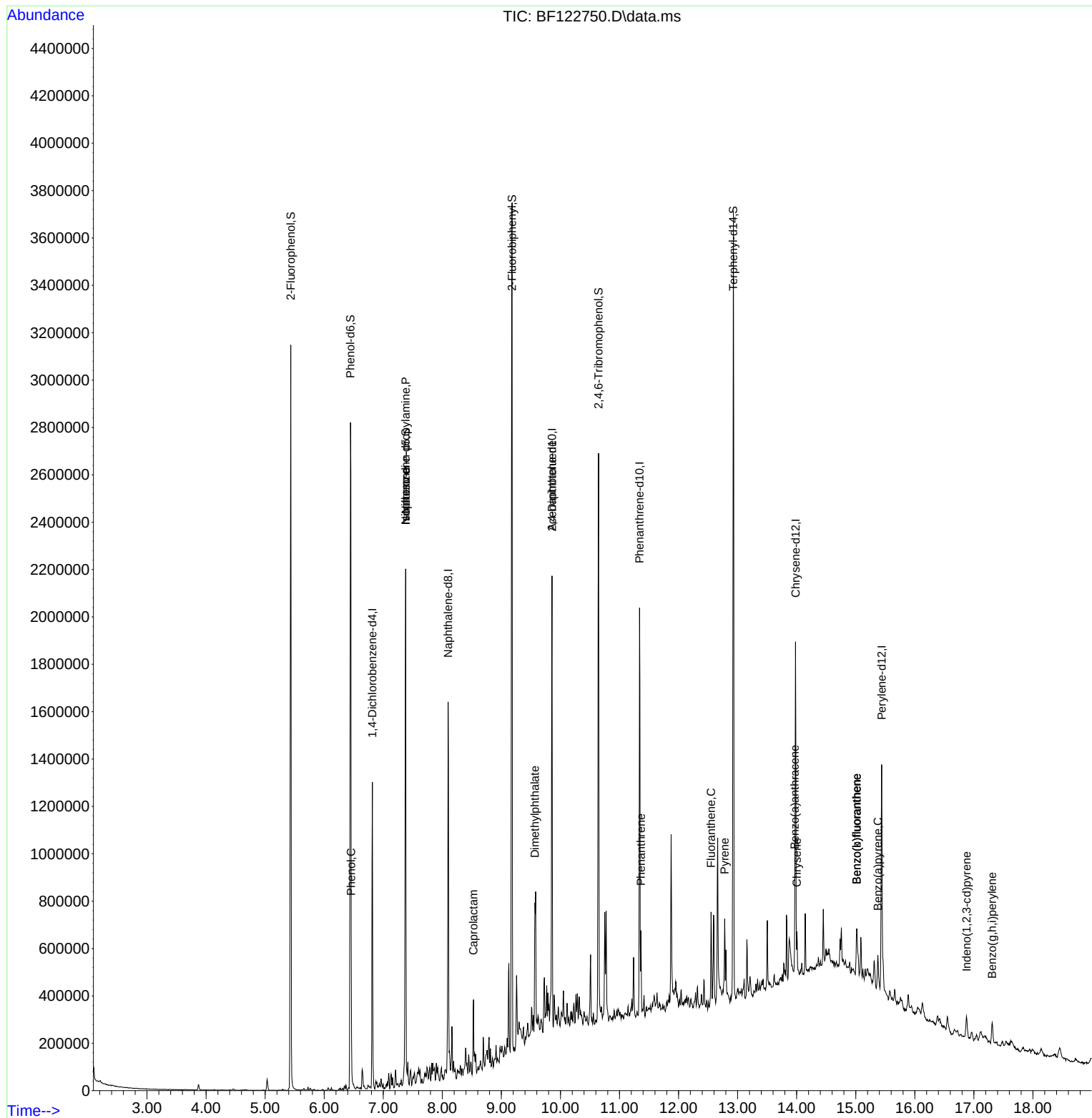
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	186453	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	719113	20.00	ng	-0.01
39) Acenaphthene-d10	9.857	164	369583	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	636520	20.00	ng	0.00
76) Chrysene-d12	13.980	240	457067	20.00	ng	0.00
86) Perylene-d12	15.439	264	441018	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	902491	76.63	ng	0.00
7) Phenol-d6	6.445	99	1160286	74.28	ng	-0.01
23) Nitrobenzene-d5	7.381	82	734013	51.14	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	324742	67.13	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1226753	44.90	ng	0.00
79) Terphenyl-d14	12.927	244	1113472	42.64	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.457	94	79085	4.89	ng	90
19) n-Nitroso-di-n-propyla...	7.381	70	96224	10.75	ng	# 75
25) Isophorone	7.381	82	731224	29.58	ng	# 65
35) Caprolactam	8.528	113	7994	2.23	ng	# 62
50) Dimethylphthalate	9.569	163	122518	4.15	ng	# 97
57) 2,4-Dinitrotoluene	9.857	165	49992	6.02	ng	# 26
71) Phenanthrene	11.363	178	117448	3.10	ng	98
75) Fluoranthene	12.551	202	160249	4.04	ng	100
78) Pyrene	12.780	202	133874	3.79	ng	97
81) Benzo(a)anthracene	13.968	228	78002	2.55	ng	98
83) Chrysene	14.004	228	71500	2.35	ng	98
87) Indeno(1,2,3-cd)pyrene	16.874	276	62557	2.16	ng	98
88) Benzo(b)fluoranthene	15.015	252	124231	4.01	ng	# 95
89) Benzo(k)fluoranthene	15.015	252	124231	4.39	ng	# 94
90) Benzo(a)pyrene	15.374	252	68160	2.52	ng	# 94
92) Benzo(g,h,i)perylene	17.309	276	69251	3.02	ng	97

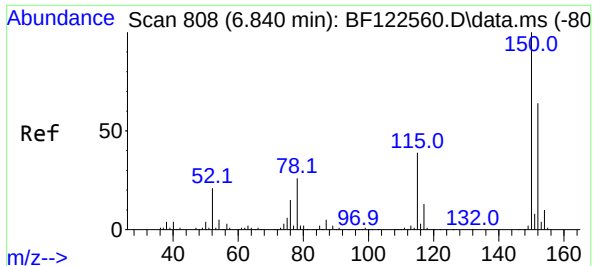
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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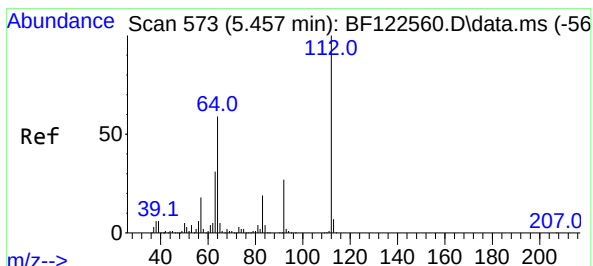
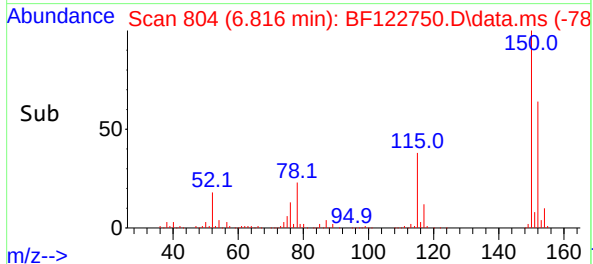
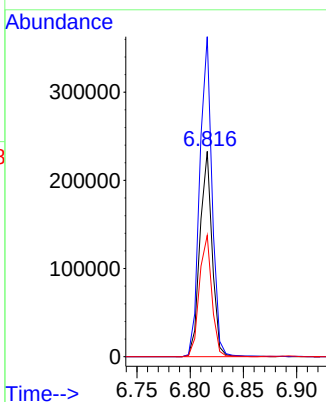
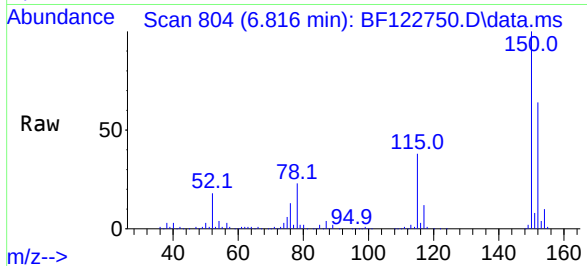




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122750.D
Acq: 16 Dec 2020 15:12

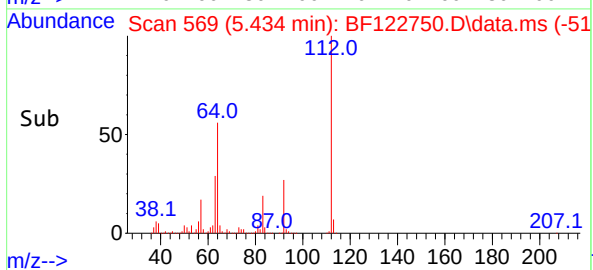
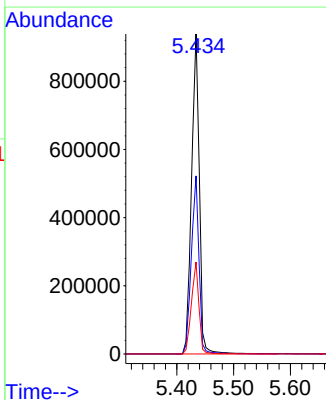
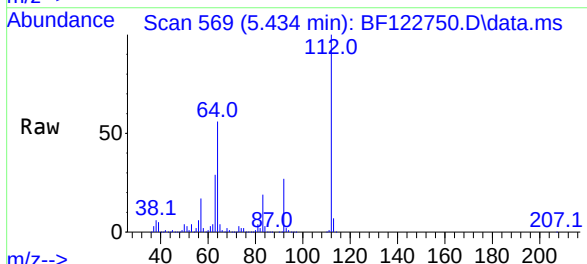
Instrument :
BNA_F
ClientSampleId :
JBD-IB-0809A-0-6

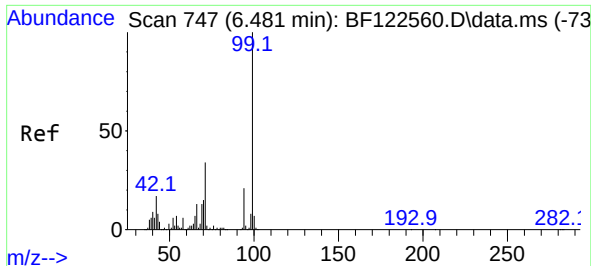
Tgt Ion:152 Resp: 186453
Ion Ratio Lower Upper
152 100
150 155.9 125.8 188.6
115 59.1 49.3 73.9



#5
2-Fluorophenol
Concen: 76.63 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.000 min
Lab File: BF122750.D
Acq: 16 Dec 2020 15:12

Tgt Ion:112 Resp: 902491
Ion Ratio Lower Upper
112 100
64 55.7 46.9 70.3
63 28.8 24.5 36.7

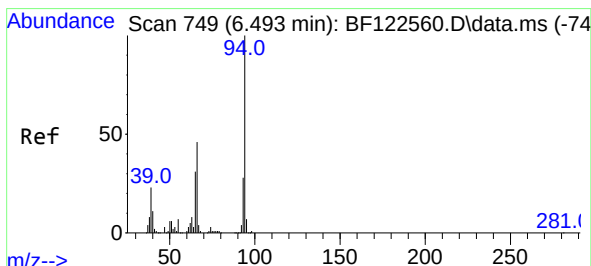
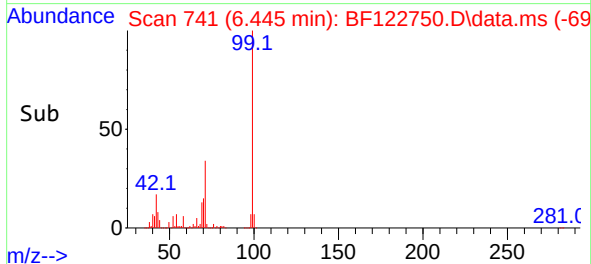
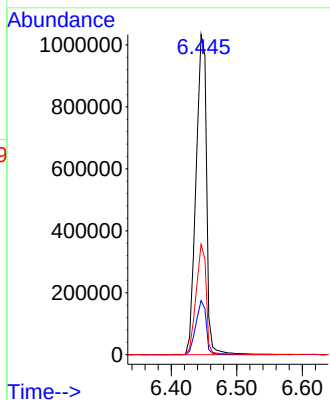
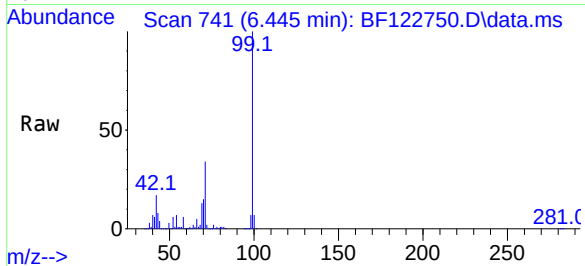




#7
Phenol-d6
Concen: 74.28 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF122750.D
Acq: 16 Dec 2020 15:12

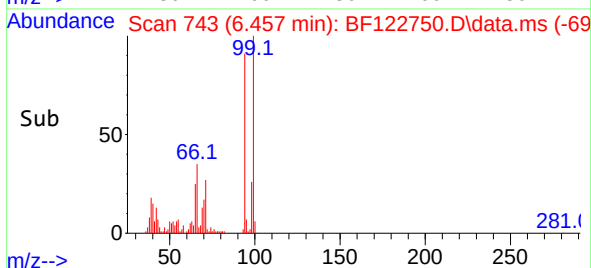
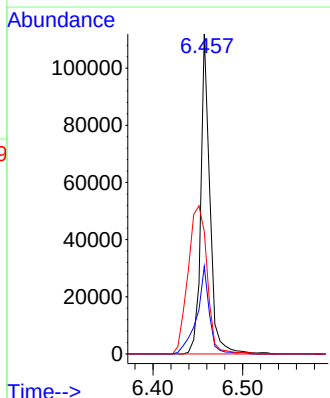
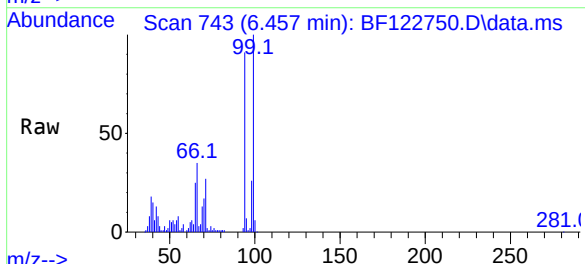
Instrument :
BNA_F
ClientSampleId :
JBD-IB-0809A-0-6

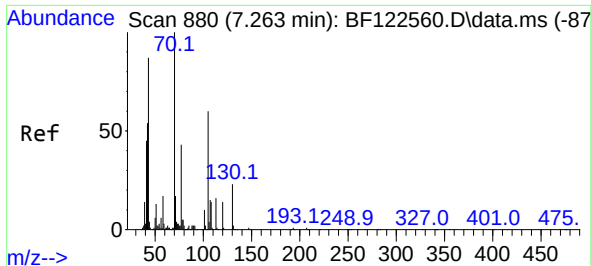
Tgt Ion: 99 Resp: 1160286
Ion Ratio Lower Upper
99 100
42 16.9 13.8 20.6
71 34.4 26.9 40.3



#10
Phenol
Concen: 4.89 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF122750.D
Acq: 16 Dec 2020 15:12

Tgt Ion: 94 Resp: 79085
Ion Ratio Lower Upper
94 100
65 27.4 11.2 51.2
66 38.2 25.8 65.8



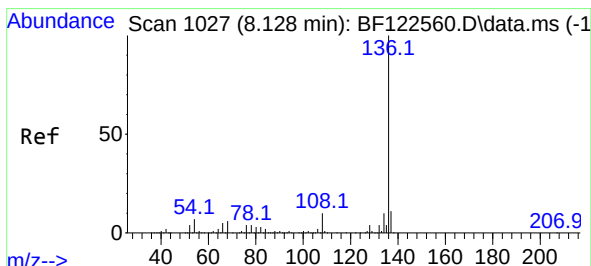
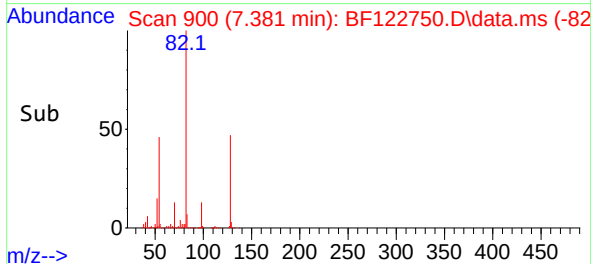
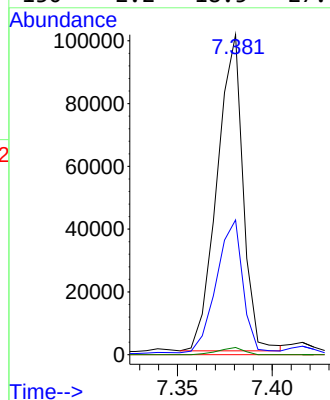
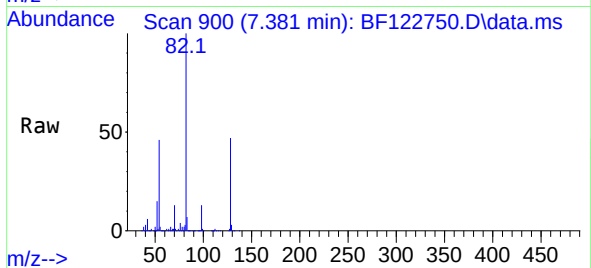


#19

n-Nitroso-di-n-propylamine
Concen: 10.75 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122750.D
Acq: 16 Dec 2020 15:12

Instrument :
BNA_F
ClientSampleId :
JBD-IB-0809A-0-6

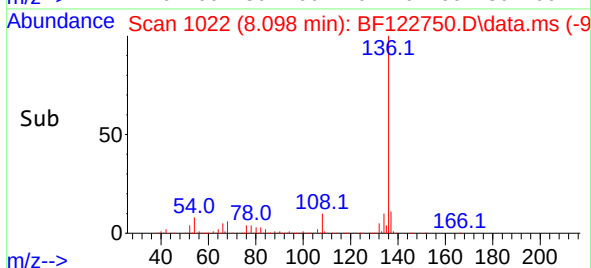
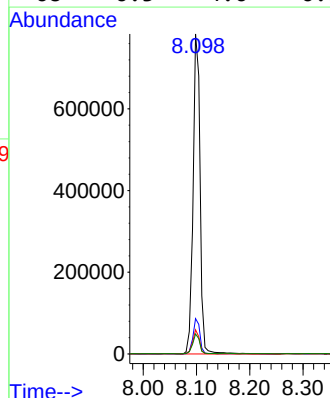
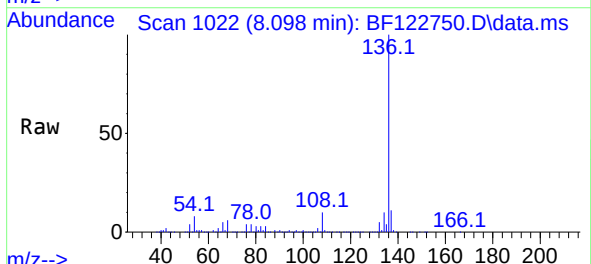
Tgt Ion: 70 Resp: 96224
Ion Ratio Lower Upper
70 100
42 42.1 43.0 64.4#
101 0.0 7.9 11.9#
130 2.2 18.5 27.7#

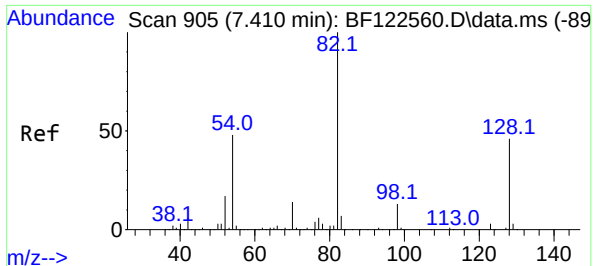


#21

Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122750.D
Acq: 16 Dec 2020 15:12

Tgt Ion: 136 Resp: 719113
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.6 5.5 8.3
68 6.3 4.6 6.8

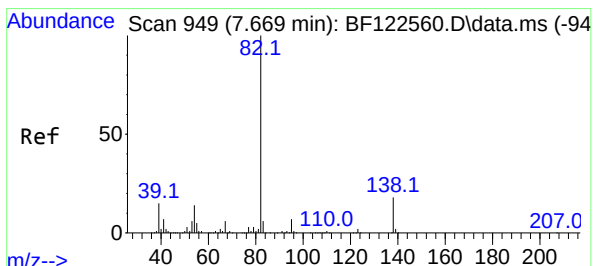
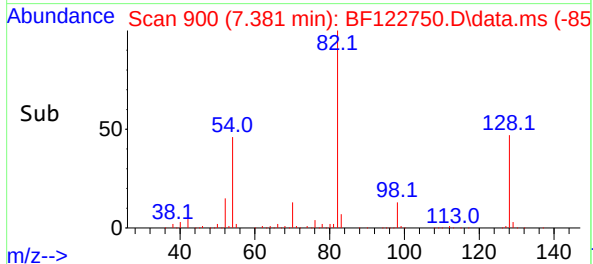
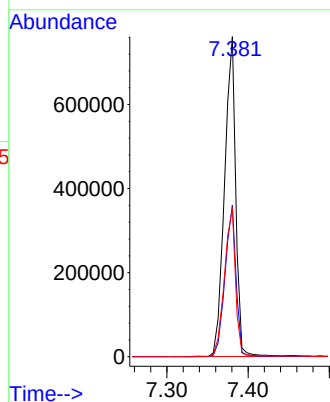
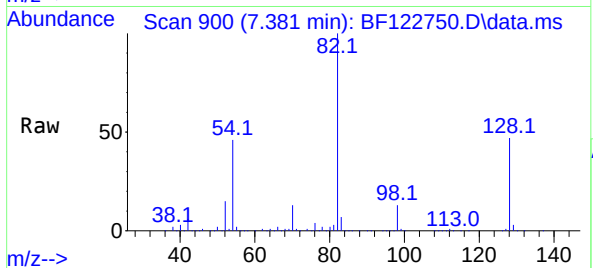




#23
Nitrobenzene-d5
Concen: 51.14 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122750.D
Acq: 16 Dec 2020 15:12

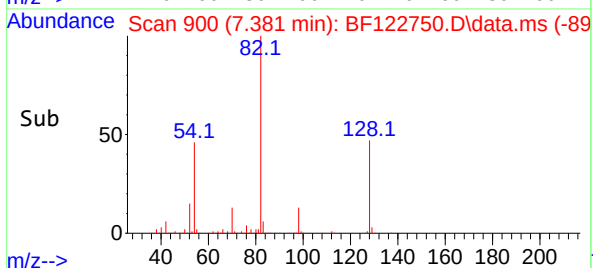
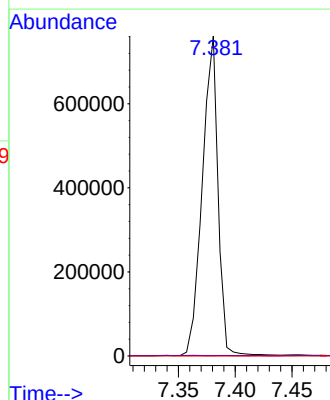
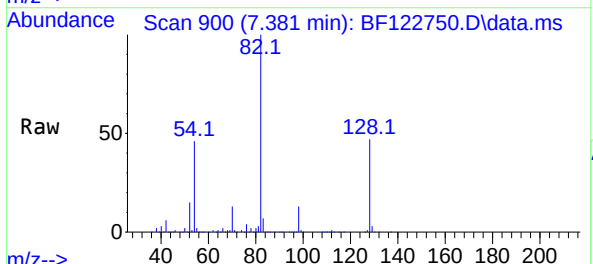
Instrument :
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ClientSampleId :
JBD-IB-0809A-0-6

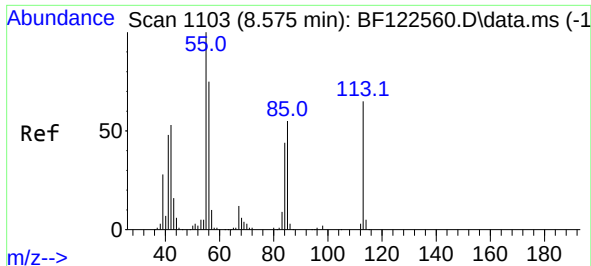
Tgt Ion: 82 Resp: 734013
Ion Ratio Lower Upper
82 100
128 47.3 37.0 55.4
54 46.1 38.4 57.6



#25
Isophorone
Concen: 29.58 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122750.D
Acq: 16 Dec 2020 15:12

Tgt Ion: 82 Resp: 731224
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.6 21.8#

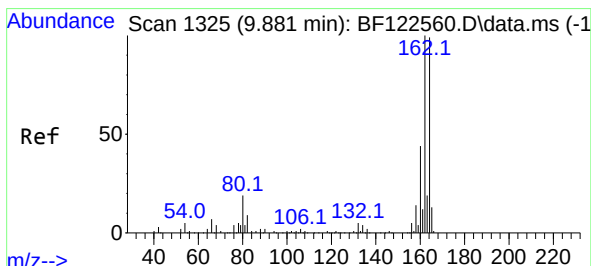
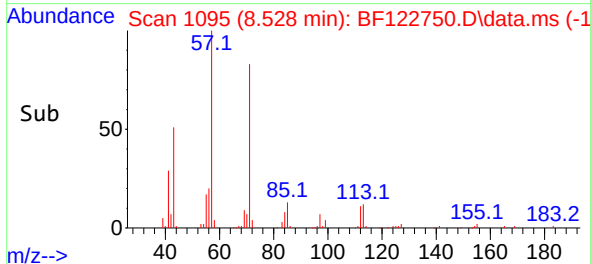
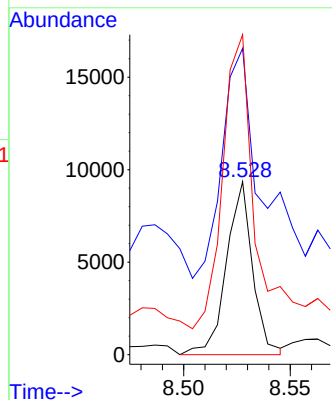
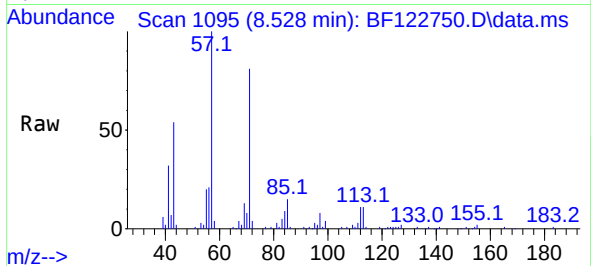




#35
Caprolactam
Concen: 2.23 ng
RT: 8.528 min Scan# 1095
Delta R.T. -0.024 min
Lab File: BF122750.D
Acq: 16 Dec 2020 15:12

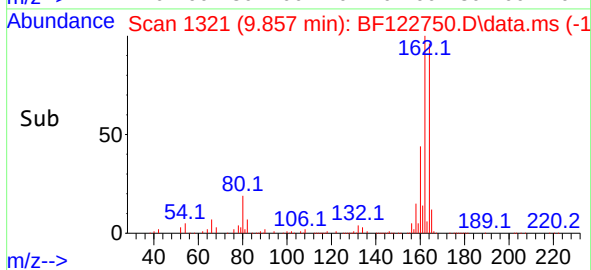
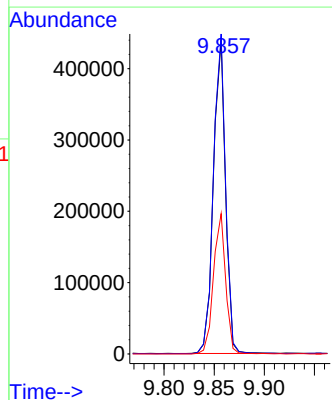
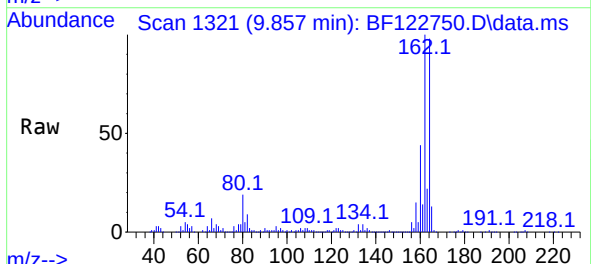
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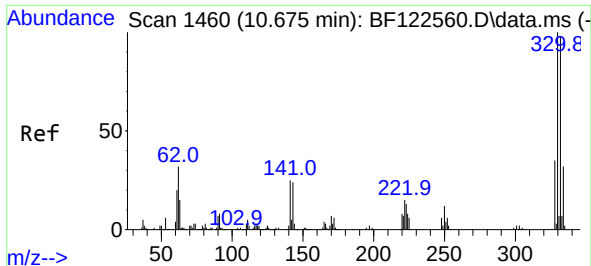
Tgt Ion:113 Resp: 7994
Ion Ratio Lower Upper
113 100
55 177.0 133.7 173.7#
56 185.0 95.3 135.3#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122750.D
Acq: 16 Dec 2020 15:12

Tgt Ion:164 Resp: 369583
Ion Ratio Lower Upper
164 100
162 102.1 80.8 121.2
160 44.8 35.4 53.0

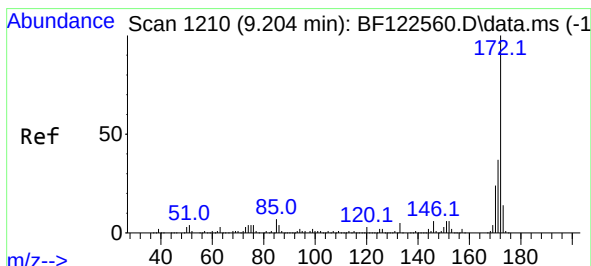
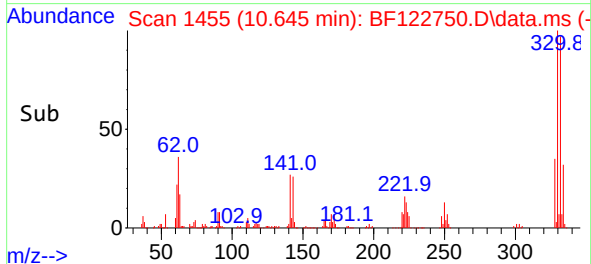
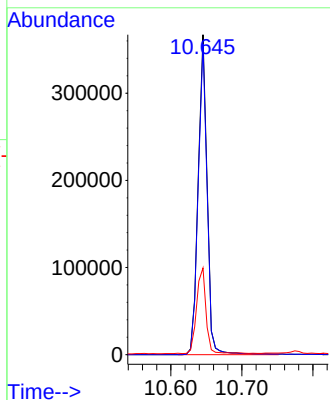
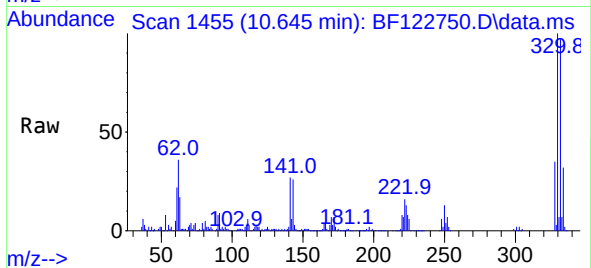




#42
2,4,6-Tribromophenol
Concen: 67.13 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF122750.D
Acq: 16 Dec 2020 15:12

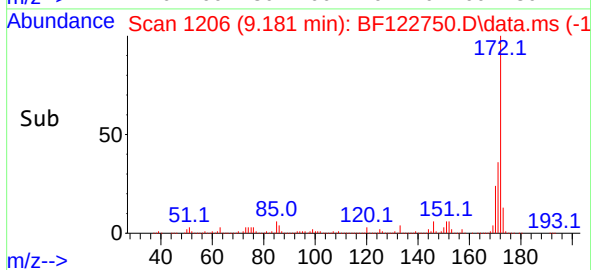
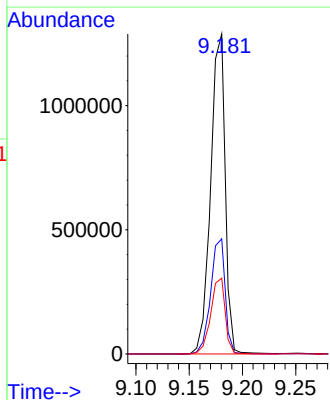
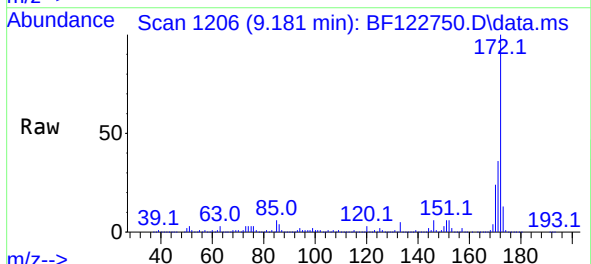
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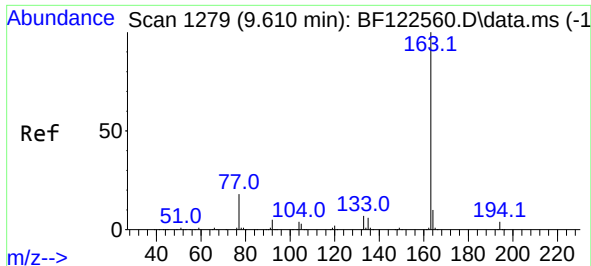
Tgt Ion:330 Resp: 324742
Ion Ratio Lower Upper
330 100
332 97.4 77.5 116.3
141 28.3 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 44.90 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122750.D
Acq: 16 Dec 2020 15:12

Tgt Ion:172 Resp: 1226753
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.7 19.5 29.3

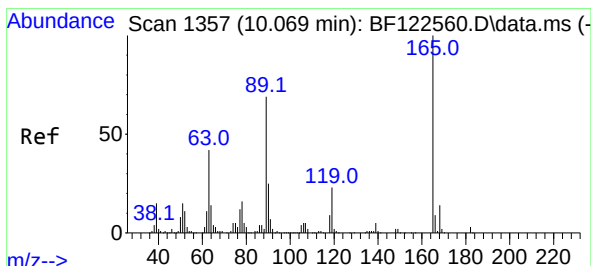
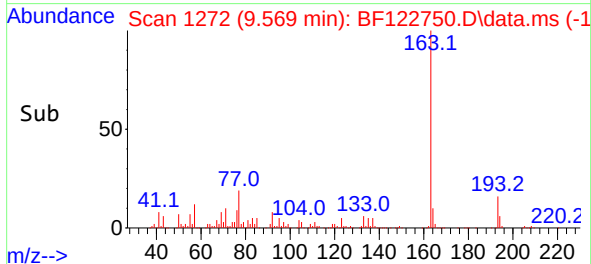
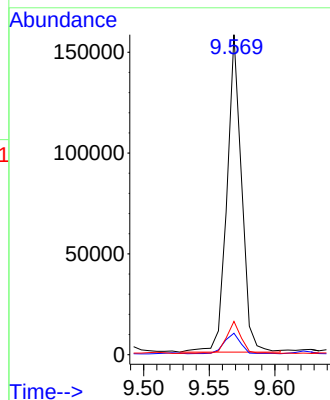
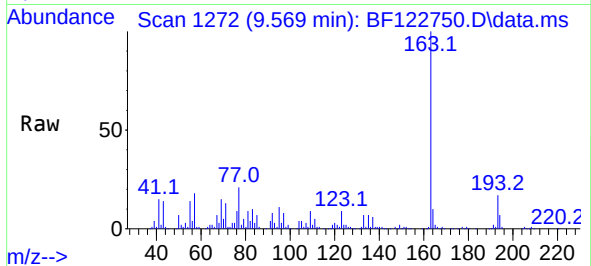




#50
Dimethylphthalate
Concen: 4.15 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.018 min
Lab File: BF122750.D
Acq: 16 Dec 2020 15:12

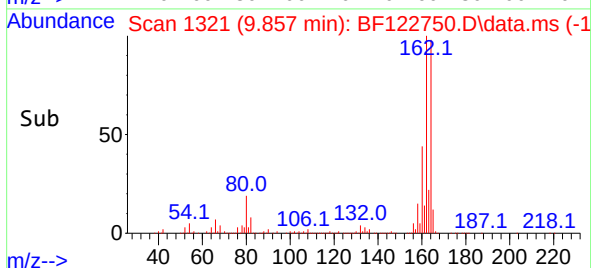
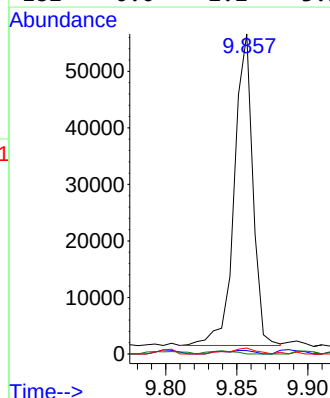
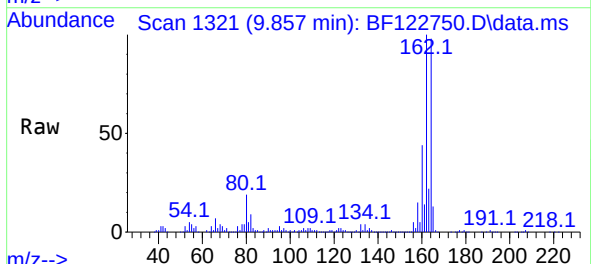
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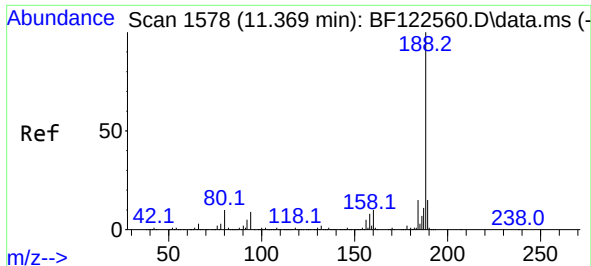
Tgt Ion:163 Resp: 122518
Ion Ratio Lower Upper
163 100
194 6.7 3.4 5.0#
164 10.4 8.1 12.1



#57
2,4-Dinitrotoluene
Concen: 6.02 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122750.D
Acq: 16 Dec 2020 15:12

Tgt Ion:165 Resp: 49992
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.8 55.2 82.8#
182 0.0 2.2 3.2#

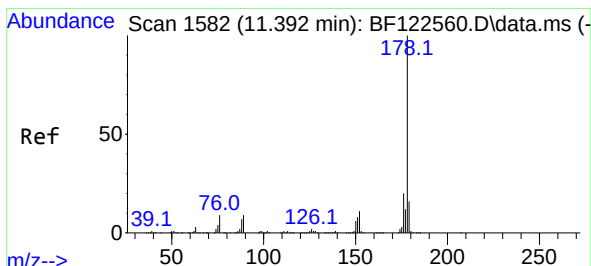
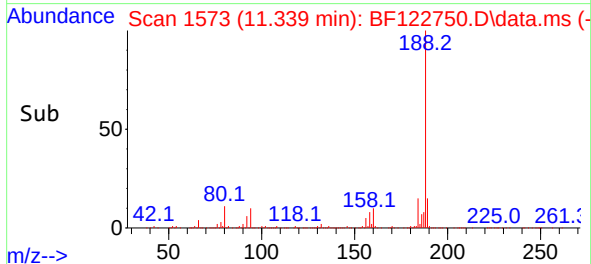
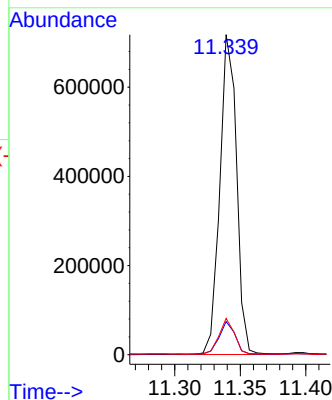
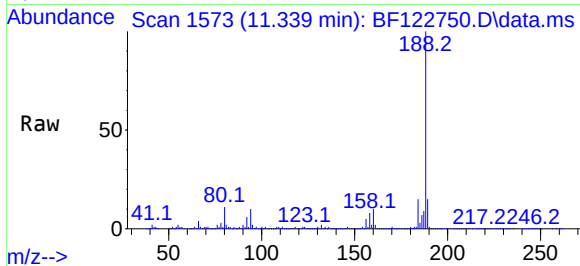




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122750.D
Acq: 16 Dec 2020 15:12

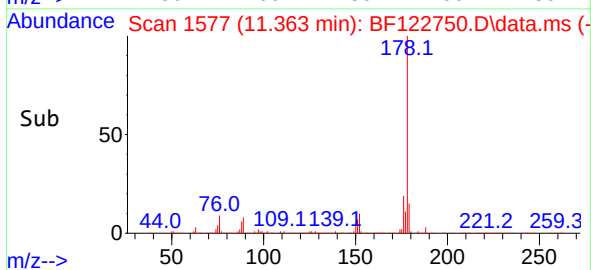
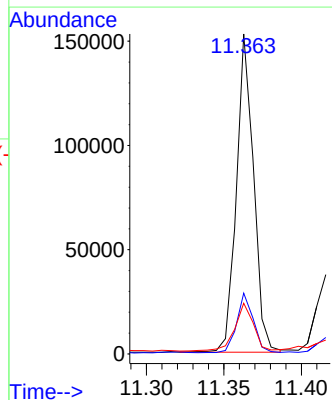
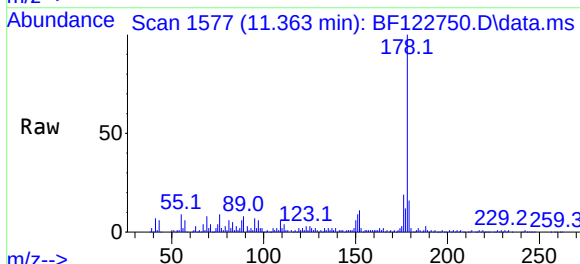
Instrument :
BNA_F
ClientSampleId :
JBD-IB-0809A-0-6

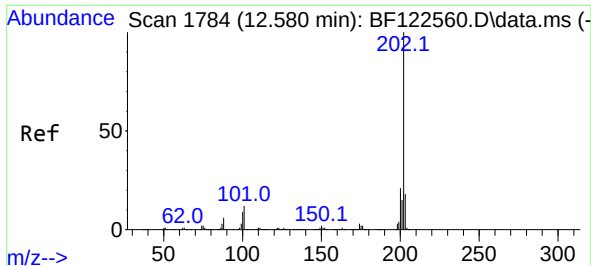
Tgt Ion:188 Resp: 636520
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 11.3 8.2 12.4



#71
Phenanthrene
Concen: 3.10 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122750.D
Acq: 16 Dec 2020 15:12

Tgt Ion:178 Resp: 117448
Ion Ratio Lower Upper
178 100
176 19.0 16.2 24.2
179 15.8 12.7 19.1

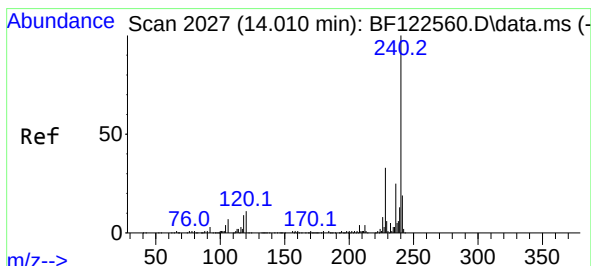
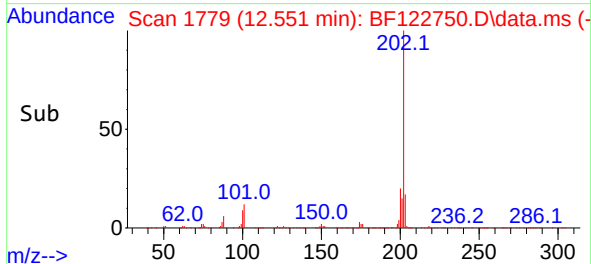
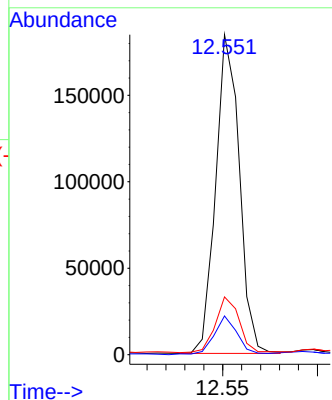
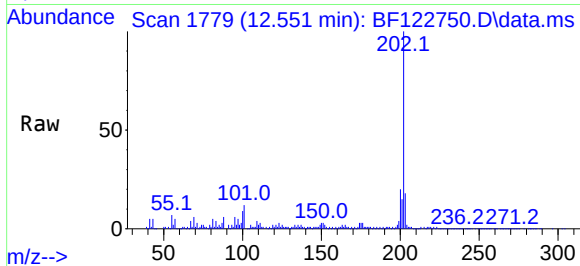




#75
Fluoranthene
Concen: 4.04 ng
RT: 12.551 min Scan# 1779
Delta R.T. -0.006 min
Lab File: BF122750.D
Acq: 16 Dec 2020 15:12

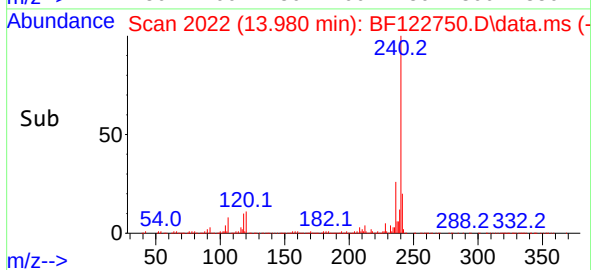
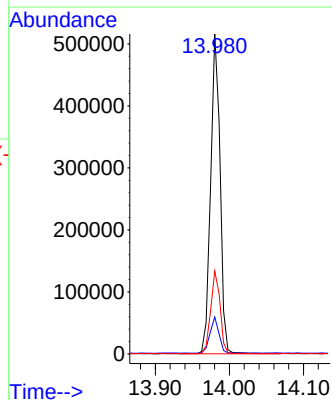
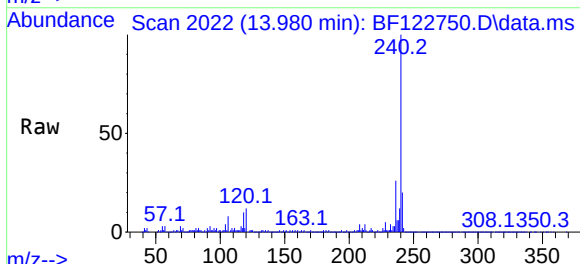
Instrument :
BNA_F
ClientSampleId :
JBD-IB-0809A-0-6

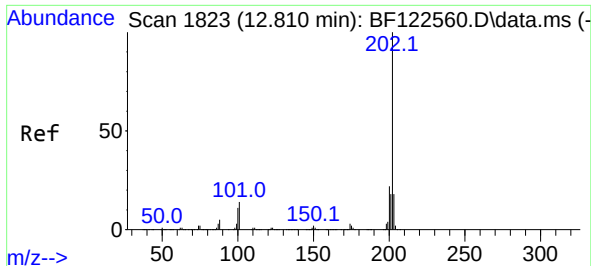
Tgt Ion:202 Resp: 160249
Ion Ratio Lower Upper
202 100
101 12.1 0.0 32.2
203 18.1 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122750.D
Acq: 16 Dec 2020 15:12

Tgt Ion:240 Resp: 457067
Ion Ratio Lower Upper
240 100
120 11.5 8.6 12.8
236 25.9 20.3 30.5

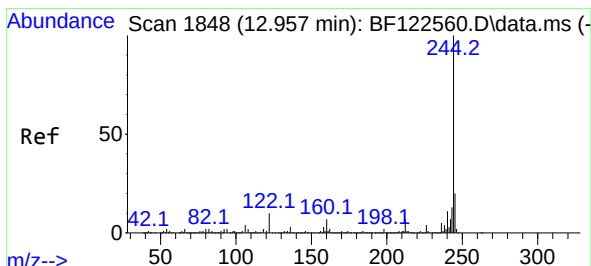
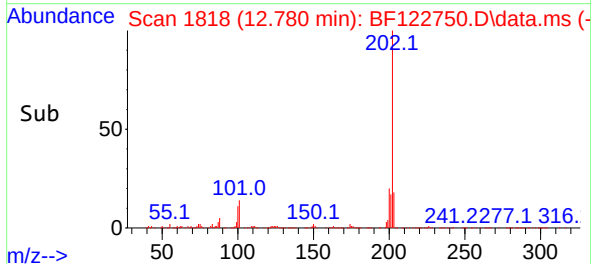
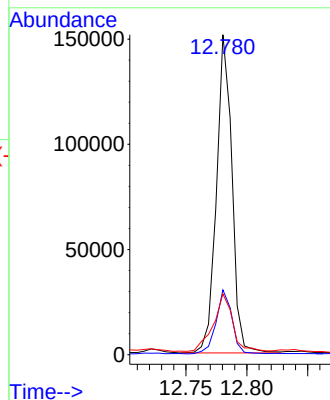
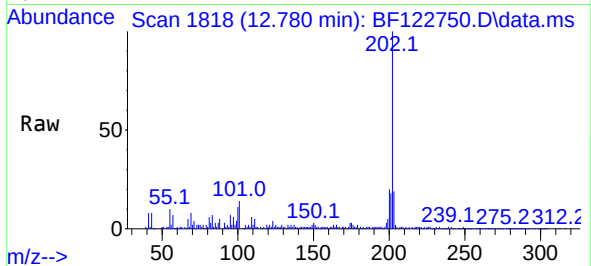




#78
Pyrene
Concen: 3.79 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF122750.D
Acq: 16 Dec 2020 15:12

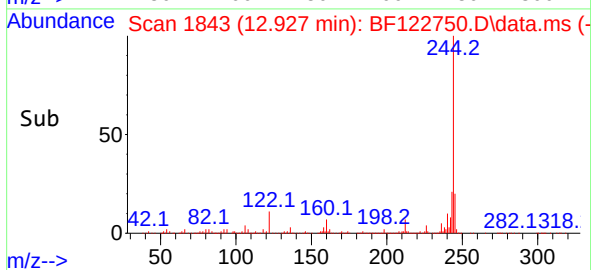
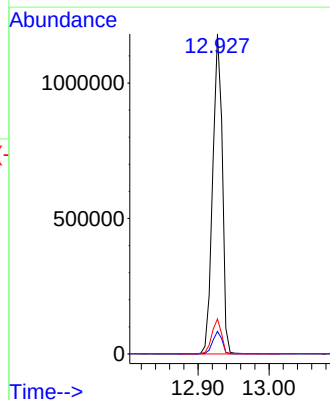
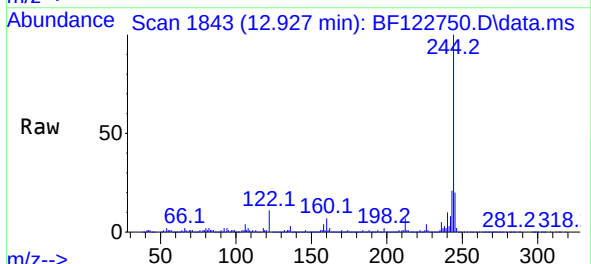
Instrument :
BNA_F
ClientSampleId :
JBD-IB-0809A-0-6

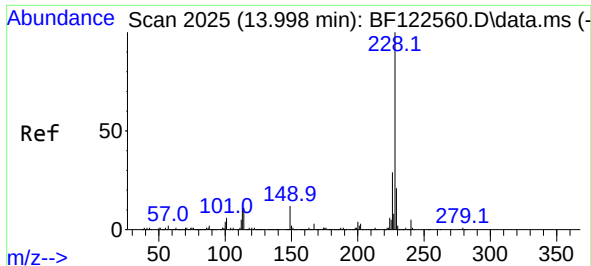
Tgt Ion:	202	Resp:	133874
Ion Ratio	Lower	Upper	
202	100		
200	20.2	17.6	26.4
203	19.0	14.6	21.8



#79
Terphenyl-d14
Concen: 42.64 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF122750.D
Acq: 16 Dec 2020 15:12

Tgt Ion:	244	Resp:	1113472
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.7	8.5
122	10.9	8.3	12.5



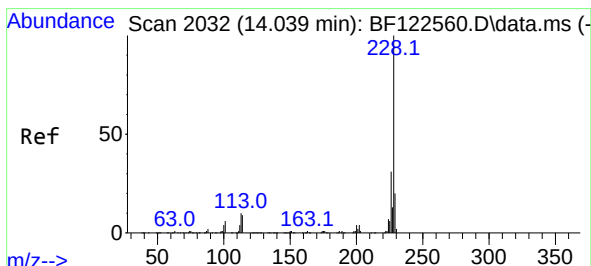
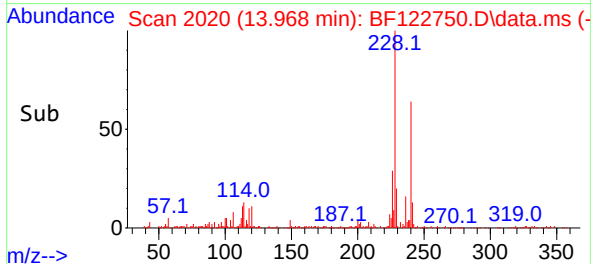
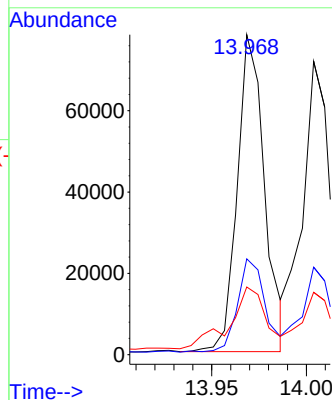
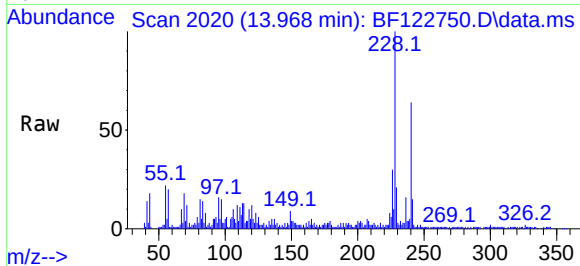


#81
Benzo(a)anthracene
Concen: 2.55 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF122750.D
Acq: 16 Dec 2020 15:12

Instrument :
BNA_F
ClientSampleId :
JBD-IB-0809A-0-6

Tgt Ion:228 Resp: 78002

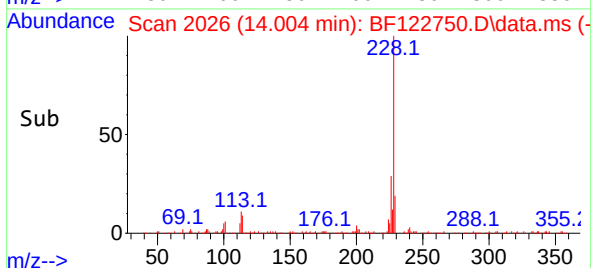
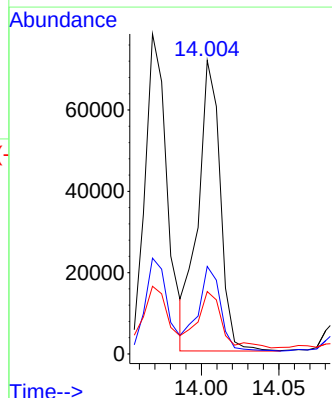
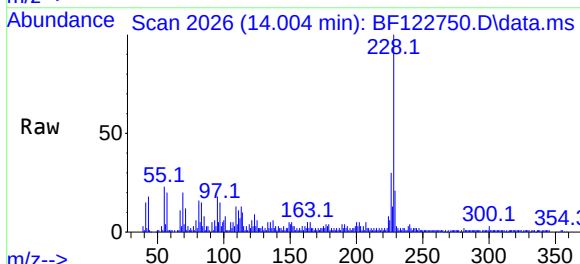
Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.0	34.4
229	21.1	16.6	24.8

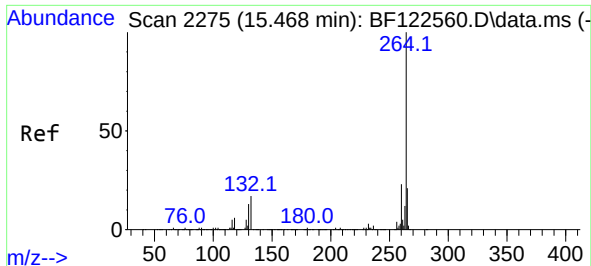


#83
Chrysene
Concen: 2.35 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF122750.D
Acq: 16 Dec 2020 15:12

Tgt Ion:228 Resp: 71500

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.6	36.8
229	21.3	15.8	23.6

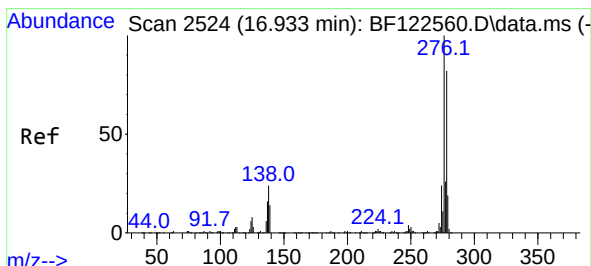
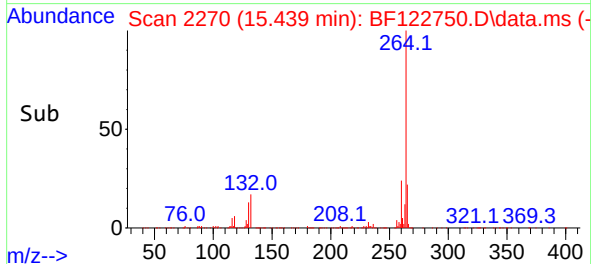
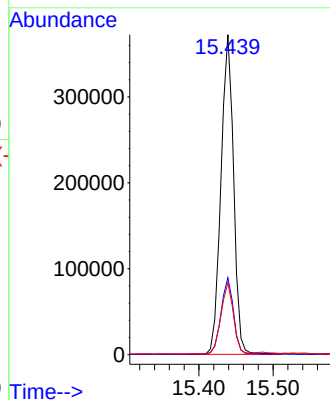
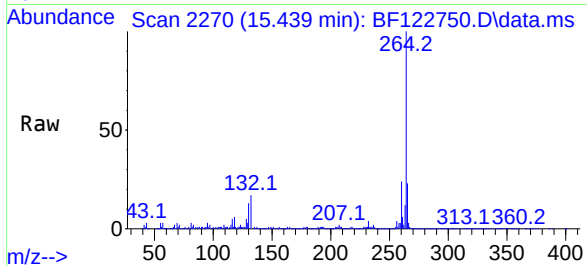




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BF122750.D
Acq: 16 Dec 2020 15:12

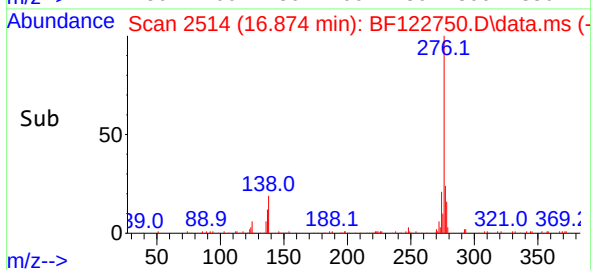
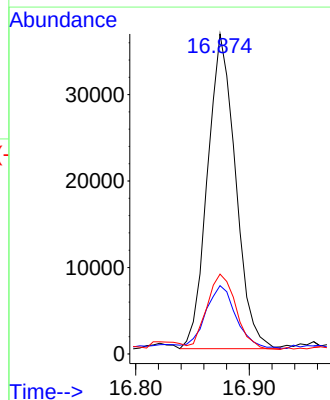
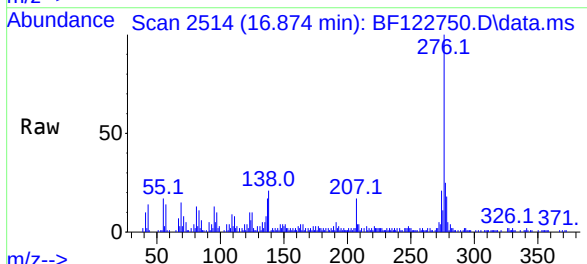
Instrument :
BNA_F
ClientSampleId :
JBD-IB-0809A-0-6

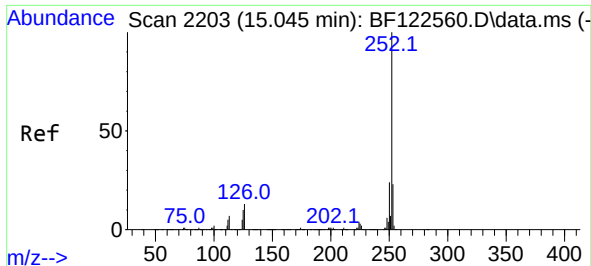
Tgt Ion:264 Resp: 441018
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 22.5 17.0 25.6



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.16 ng
RT: 16.874 min Scan# 2514
Delta R.T. -0.018 min
Lab File: BF122750.D
Acq: 16 Dec 2020 15:12

Tgt Ion:276 Resp: 62557
Ion Ratio Lower Upper
276 100
138 22.0 18.7 28.1
277 25.0 20.2 30.4

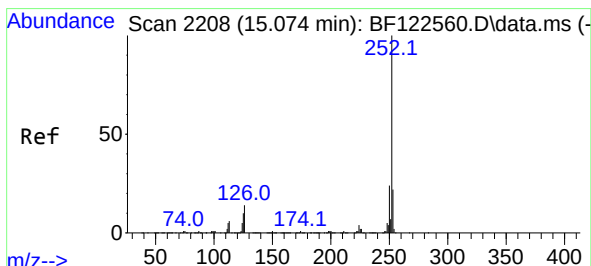
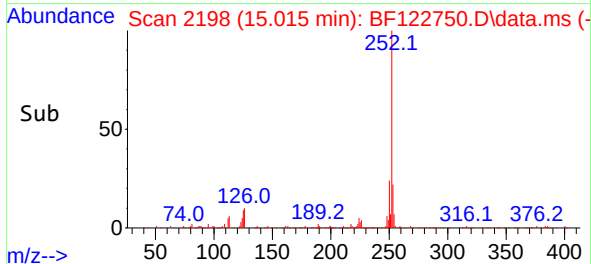
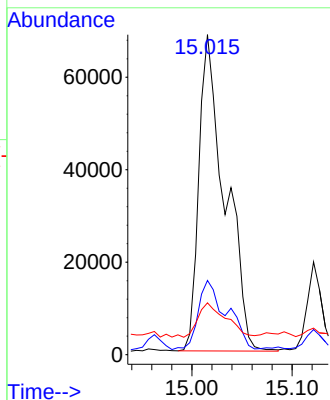
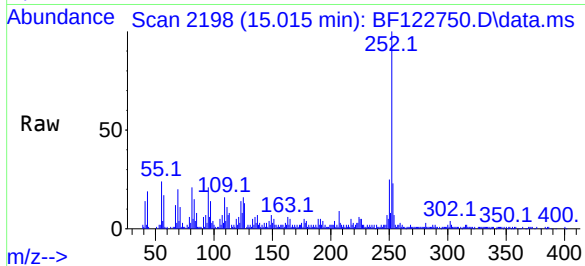




#88
Benzo(b)fluoranthene
Concen: 4.01 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF122750.D
Acq: 16 Dec 2020 15:12

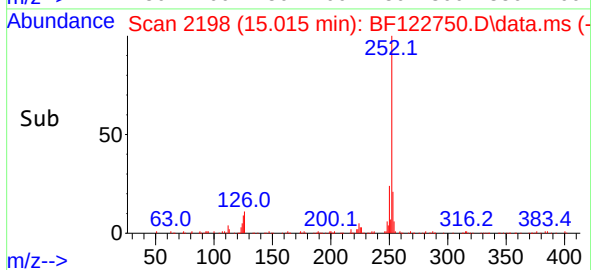
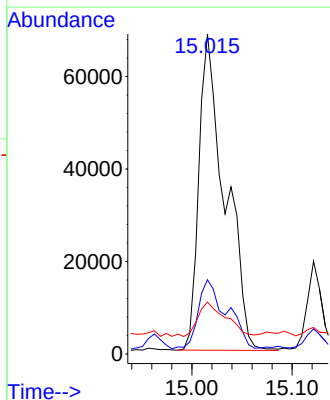
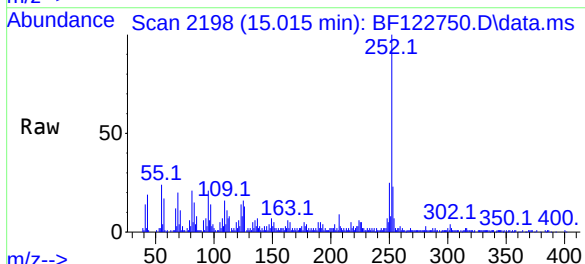
Instrument :
BNA_F
ClientSampleId :
JBD-IB-0809A-0-6

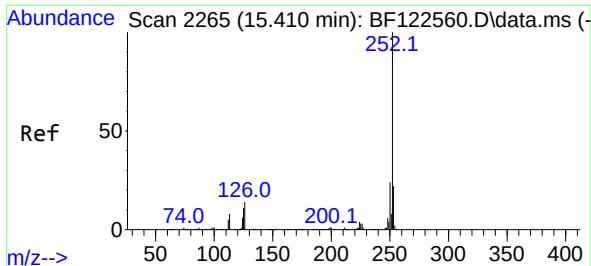
Tgt Ion:252 Resp: 124231
Ion Ratio Lower Upper
252 100
253 23.2 18.3 27.5
125 16.2 8.1 12.1#



#89
Benzo(k)fluoranthene
Concen: 4.39 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.035 min
Lab File: BF122750.D
Acq: 16 Dec 2020 15:12

Tgt Ion:252 Resp: 124231
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 16.2 8.4 12.6#

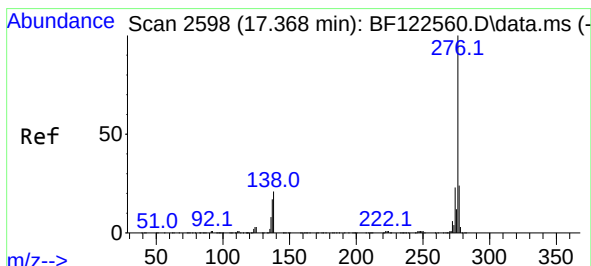
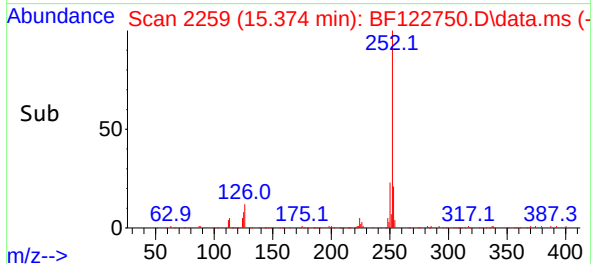
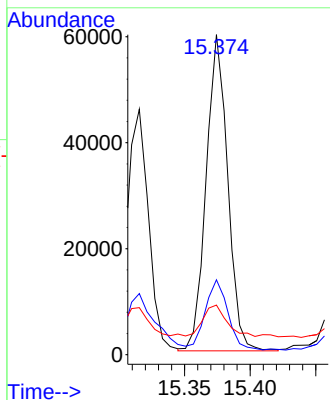
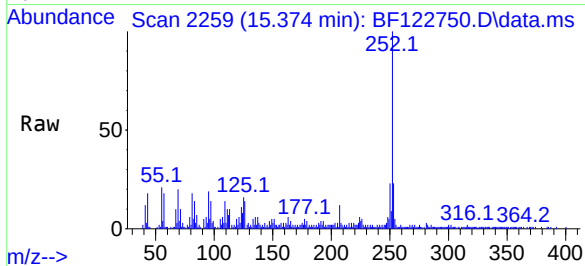




#90
Benzo(a)pyrene
Concen: 2.52 ng
RT: 15.374 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF122750.D
Acq: 16 Dec 2020 15:12

Instrument :
BNA_F
ClientSampleId :
JBD-IB-0809A-0-6

Tgt Ion:252 Resp: 68160
Ion Ratio Lower Upper
252 100
253 23.4 17.5 26.3
125 15.5 8.6 12.8#



#92
Benzo(g,h,i)perylene
Concen: 3.02 ng
RT: 17.309 min Scan# 2588
Delta R.T. -0.018 min
Lab File: BF122750.D
Acq: 16 Dec 2020 15:12

Tgt Ion:276 Resp: 69251
Ion Ratio Lower Upper
276 100
277 25.6 19.3 28.9
138 19.7 16.6 24.8

