

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
 Data File : BF124252.D
 Acq On : 11 Jun 2021 1:45
 Operator : JU/CG
 Sample : M2651-02 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 17-B2(0-5)

Quant Time: Jun 11 06:09:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 10 01:53:56 2021
 Response via : Initial Calibration

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

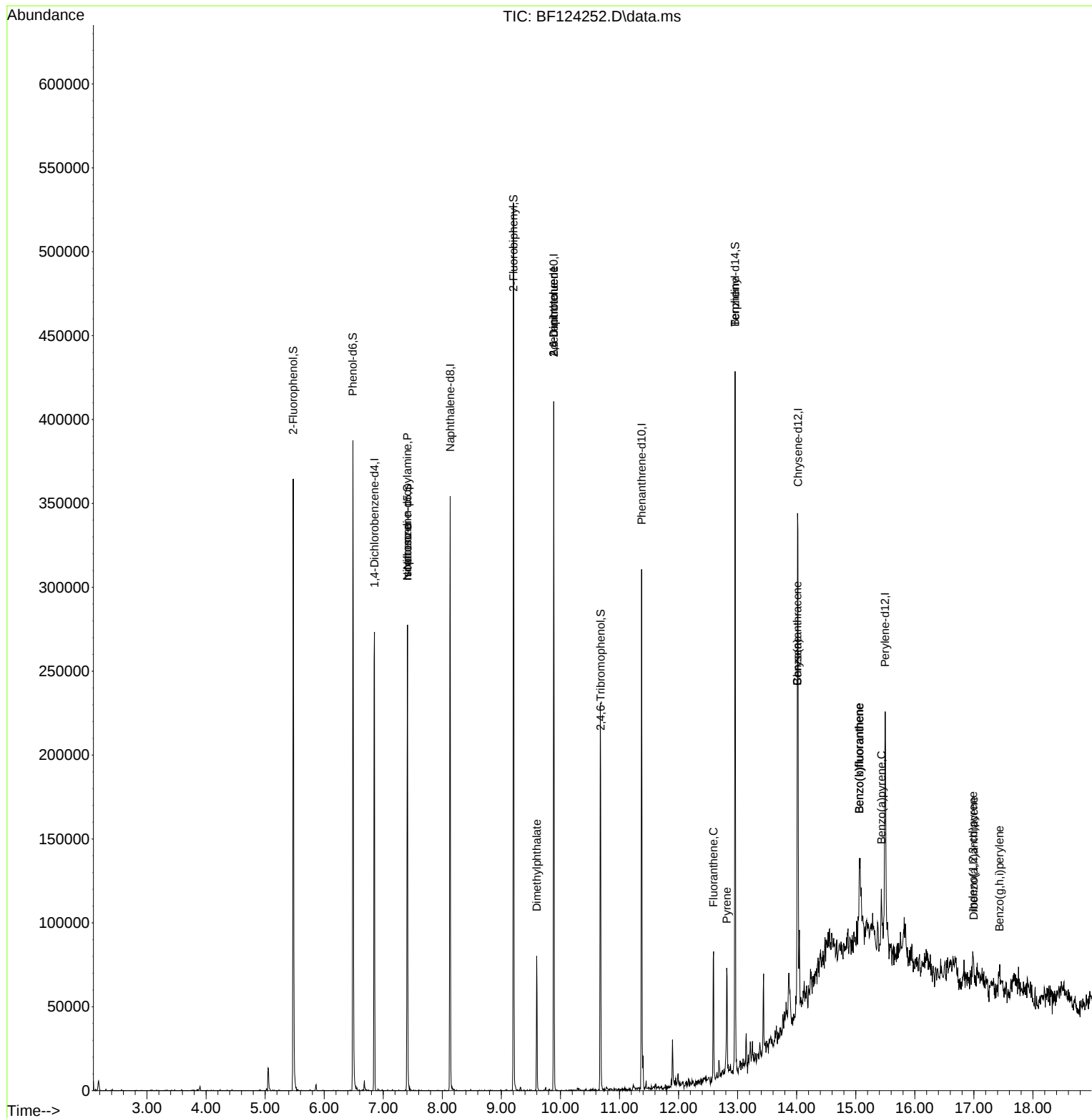
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	34852	20.00	ng	0.00
21) Naphthalene-d8	8.134	136	131286	20.00	ng	0.00
39) Acenaphthene-d10	9.886	164	70010	20.00	ng	0.00
64) Phenanthrene-d10	11.374	188	97363	20.00	ng	0.00
76) Chrysene-d12	14.021	240	93079	20.00	ng	0.00
86) Perylene-d12	15.498	264	53293	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	78324	33.83	ng	0.00
7) Phenol-d6	6.487	99	96892	31.13	ng	-0.01
23) Nitrobenzene-d5	7.410	82	73482	22.20	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	25318	25.53	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	136232	24.49	ng	0.00
79) Terphenyl-d14	12.957	244	105979	15.63	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	10849	4.94	ng	# 59
25) Isophorone	7.410	82	73480	12.32	ng	# 69
50) Dimethylphthalate	9.598	163	27422	4.73	ng	# 96
51) 2,6-Dinitrotoluene	9.886	165	9509	7.16	ng	# 12
57) 2,4-Dinitrotoluene	9.886	165	9509	5.43	ng	# 18
75) Fluoranthene	12.592	202	29591	4.64	ng	92
77) Benzidine	12.957	184	1859	4.85	ng	# 84
78) Pyrene	12.816	202	24641	2.76	ng	97
81) Benzo(a)anthracene	14.010	228	18504	2.73	ng	97
83) Chrysene	14.010	228	18504	2.83	ng	94
87) Indeno(1,2,3-cd)pyrene	16.986	276	7099	5.79	ng	# 94
88) Benzo(b)fluoranthene	15.062	252	24325	5.88	ng	# 89
89) Benzo(k)fluoranthene	15.062	252	24325	6.21	ng	# 89
90) Benzo(a)pyrene	15.433	252	11622	3.23	ng	# 88
91) Dibenzo(a,h)anthracene	16.998	278	1075	4.43	ng	# 66
92) Benzo(g,h,i)perylene	17.433	276	7587	5.68	ng	# 92

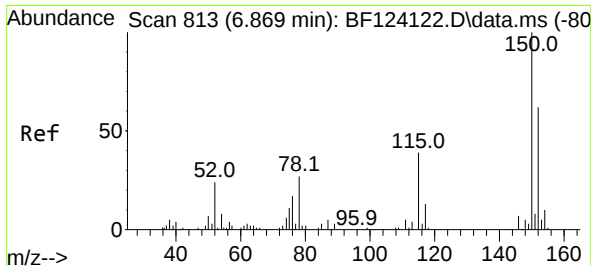
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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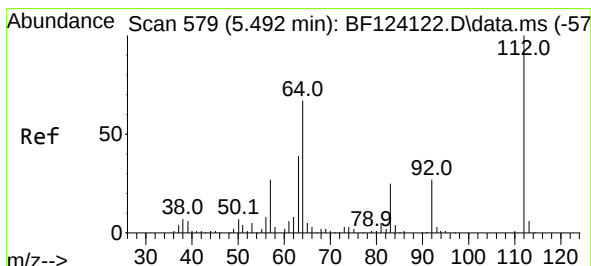
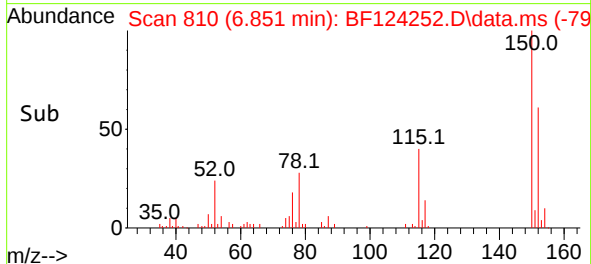
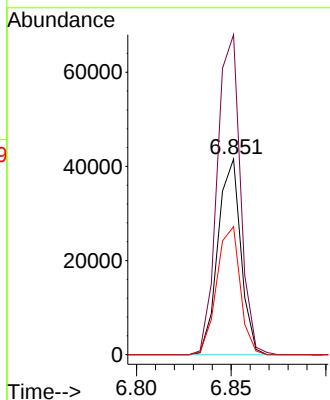
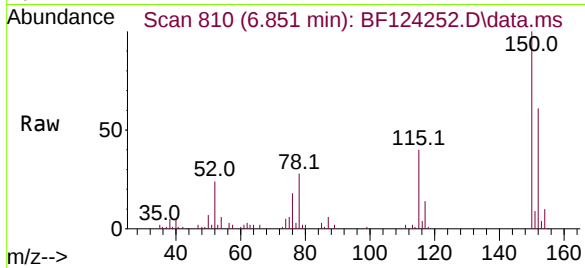




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF124252.D
Acq: 11 Jun 2021 1:45

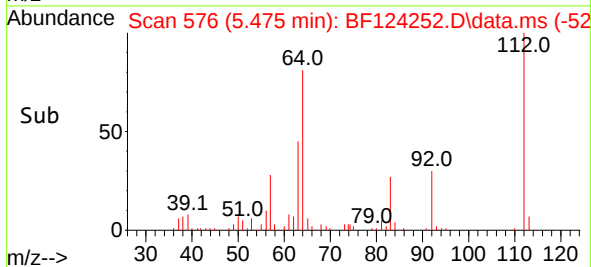
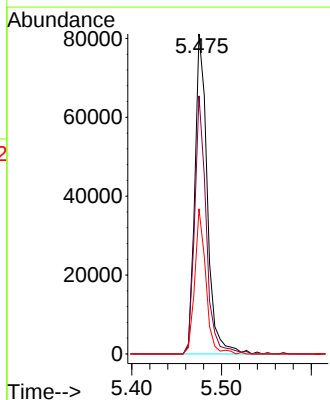
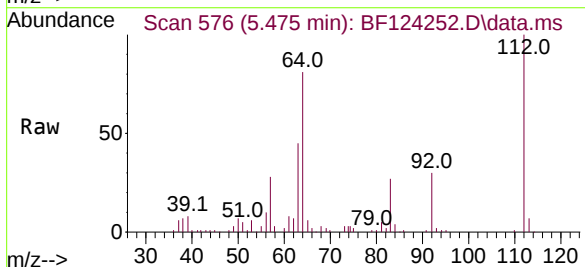
Instrument :
BNA_F
ClientSampled :
17-B2(0-5)

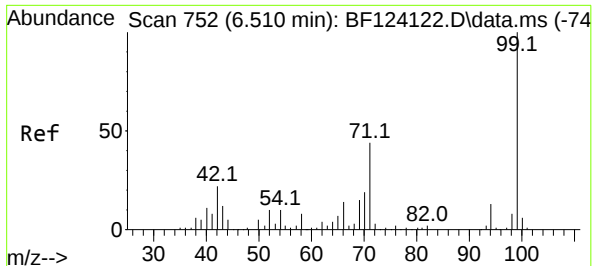
Tgt Ion:152 Resp: 34852
Ion Ratio Lower Upper
152 100
150 163.6 127.0 190.6
115 65.5 54.3 81.5



#5
2-Fluorophenol
Concen: 33.83 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124252.D
Acq: 11 Jun 2021 1:45

Tgt Ion:112 Resp: 78324
Ion Ratio Lower Upper
112 100
64 80.6 61.4 92.0
63 45.4 33.0 49.4

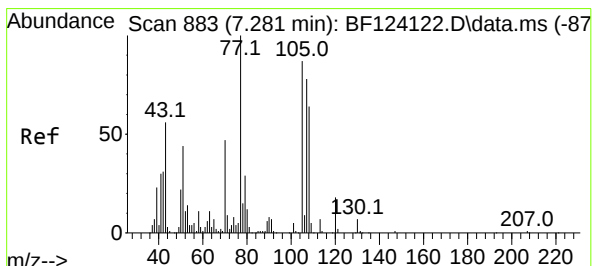
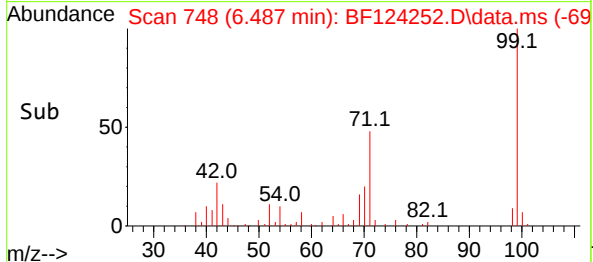
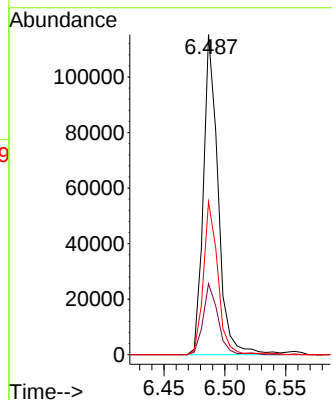
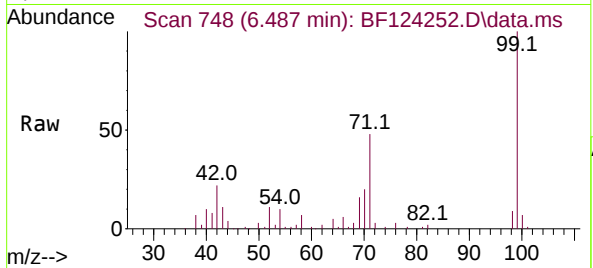




#7
Phenol-d6
Concen: 31.13 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124252.D
Acq: 11 Jun 2021 1:45

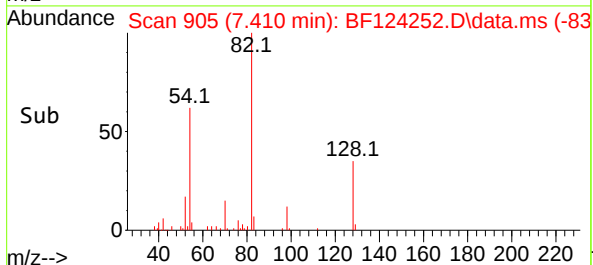
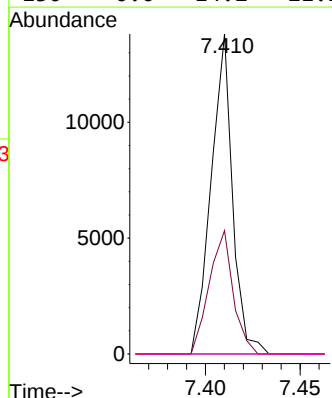
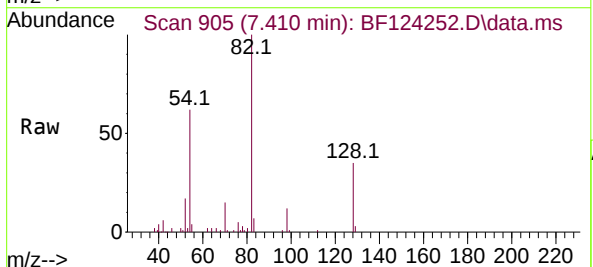
Instrument :
BNA_F
ClientSampleId :
17-B2(0-5)

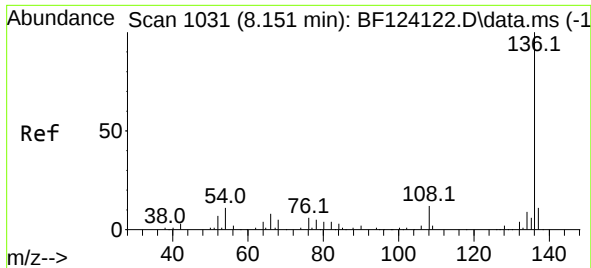
Tgt Ion:	99	Resp:	96892
Ion	Ratio	Lower	Upper
99	100		
42	22.2	19.8	29.8
71	47.8	31.1	46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 4.94 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF124252.D
Acq: 11 Jun 2021 1:45

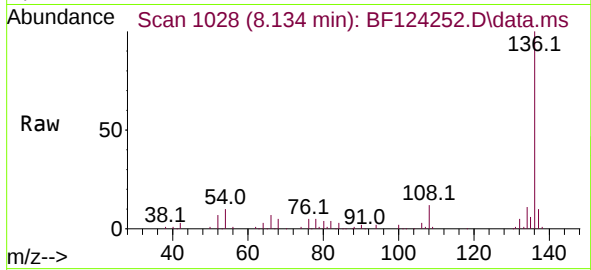
Tgt Ion:	70	Resp:	10849
Ion	Ratio	Lower	Upper
70	100		
42	38.5	60.1	90.1#
101	0.0	7.4	11.2#
130	0.0	14.2	21.2#



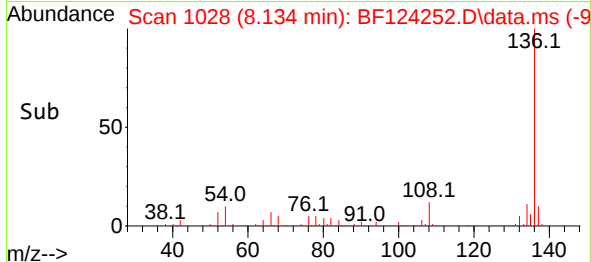
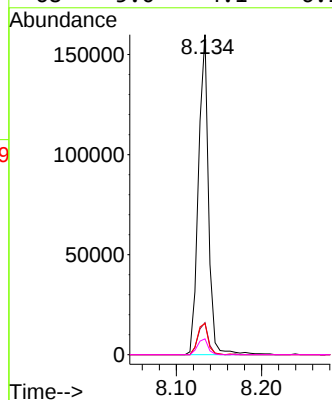


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF124252.D
Acq: 11 Jun 2021 1:45

Instrument :
BNA_F
ClientSampleId :
17-B2(0-5)

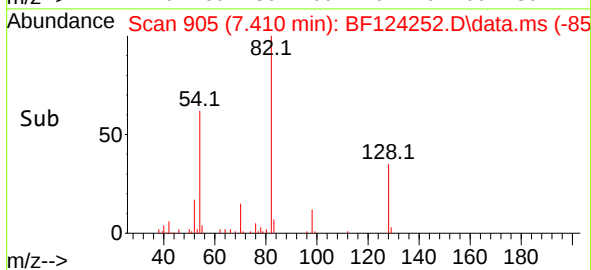
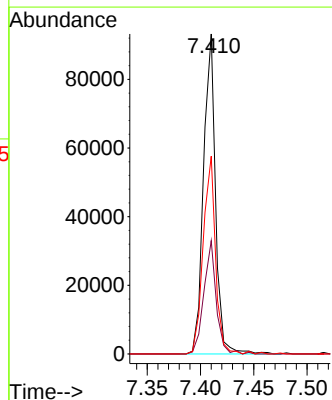
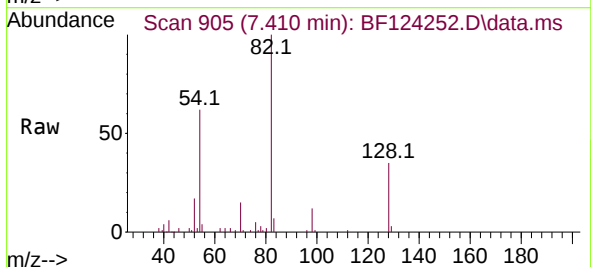


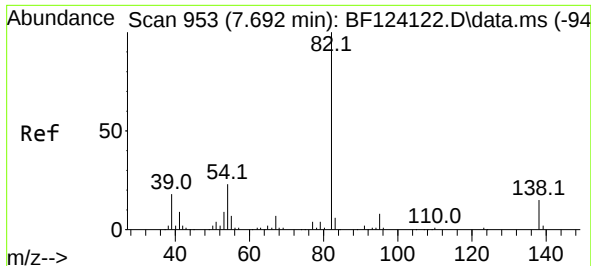
Tgt Ion:	136	Resp:	131286
Ion Ratio	Lower	Upper	
136	100		
137	10.0	8.7	13.1
54	9.8	9.8	14.6
68	5.0	4.1	6.1



#23
Nitrobenzene-d5
Concen: 22.20 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF124252.D
Acq: 11 Jun 2021 1:45

Tgt Ion:	82	Resp:	73482
Ion Ratio	Lower	Upper	
82	100		
128	35.4	29.4	44.2
54	61.8	54.1	81.1

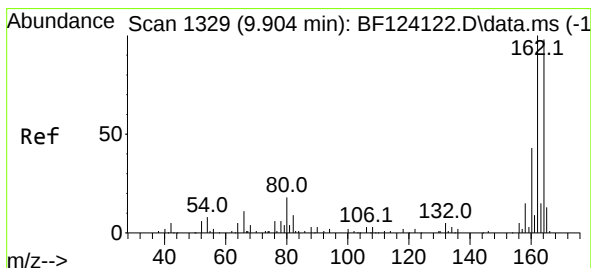
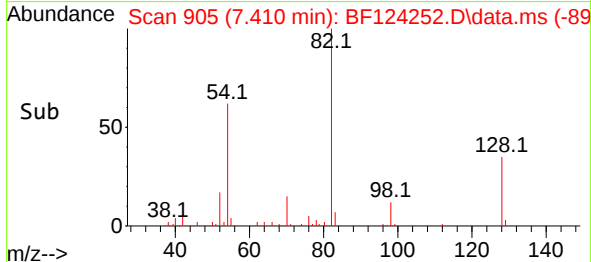
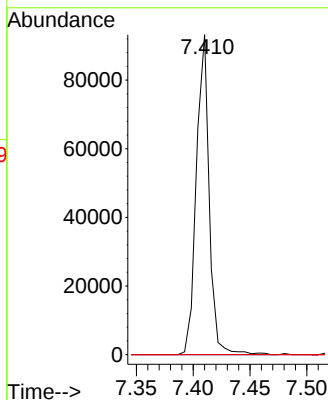
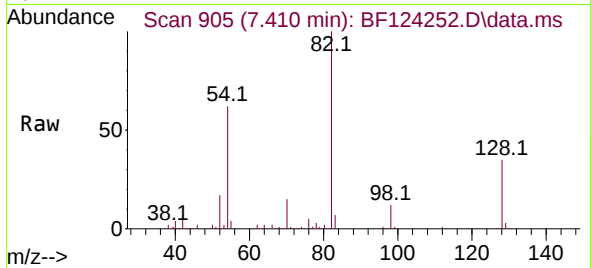




#25
Isophorone
Concen: 12.32 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.265 min
Lab File: BF124252.D
Acq: 11 Jun 2021 1:45

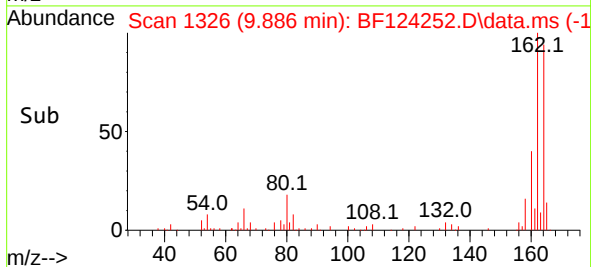
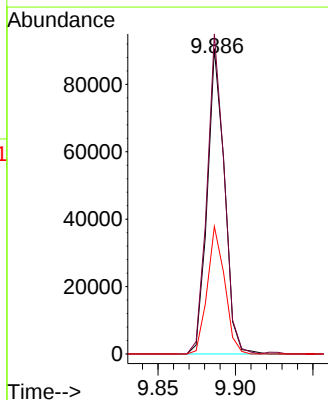
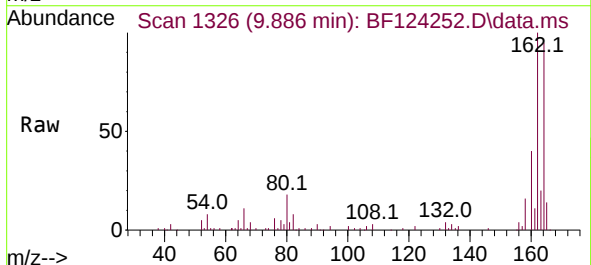
Instrument :
BNA_F
ClientSampleId :
17-B2(0-5)

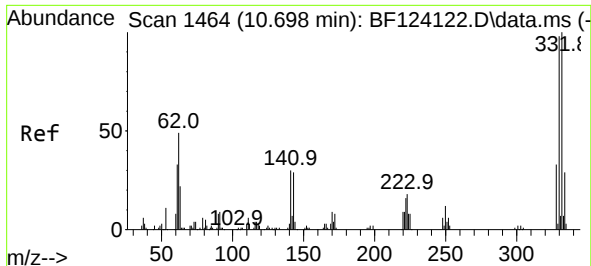
Tgt Ion: 82 Resp: 73480
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF124252.D
Acq: 11 Jun 2021 1:45

Tgt Ion: 164 Resp: 70010
Ion Ratio Lower Upper
164 100
162 104.8 80.7 121.1
160 41.8 37.3 55.9

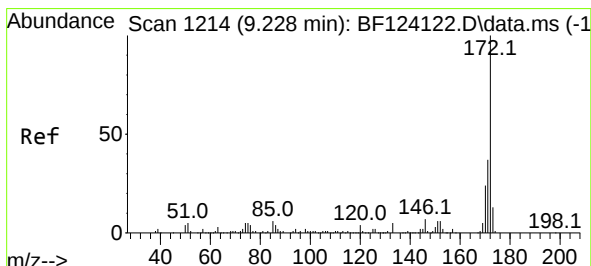
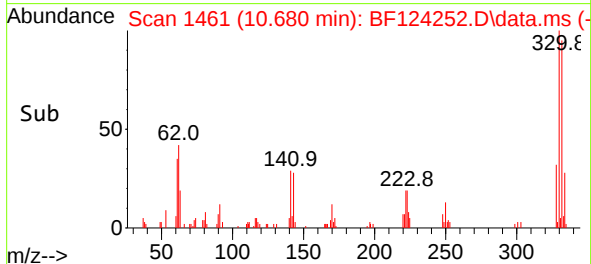
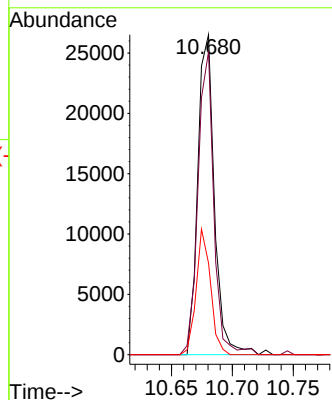
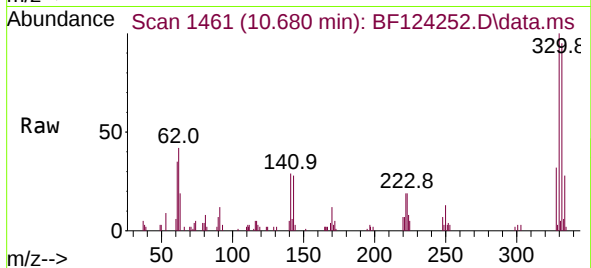




#42
2,4,6-Tribromophenol
Concen: 25.53 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF124252.D
Acq: 11 Jun 2021 1:45

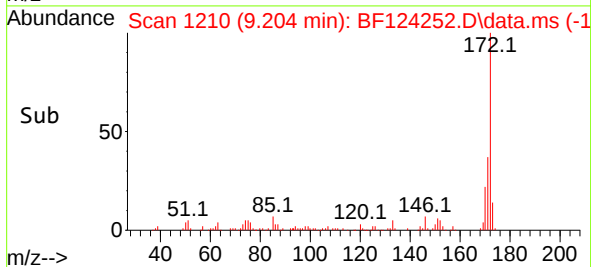
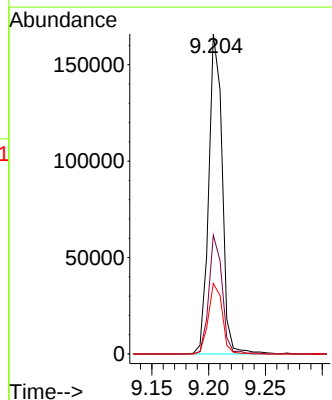
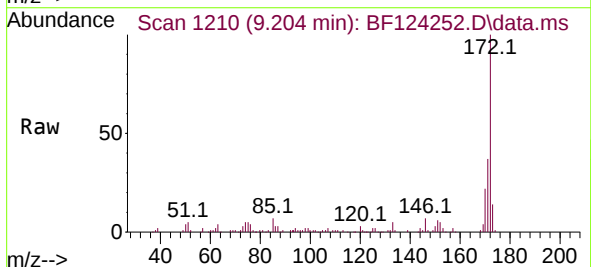
Instrument :
BNA_F
ClientSampleId :
17-B2(0-5)

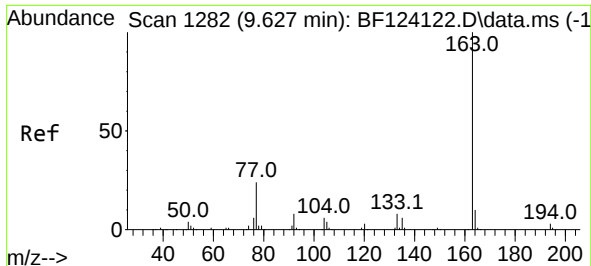
Tgt Ion: 330 Resp: 25318
Ion Ratio Lower Upper
330 100
332 89.8 77.1 115.7
141 33.8 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 24.49 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF124252.D
Acq: 11 Jun 2021 1:45

Tgt Ion: 172 Resp: 136232
Ion Ratio Lower Upper
172 100
171 37.2 28.1 42.1
170 22.1 19.2 28.8

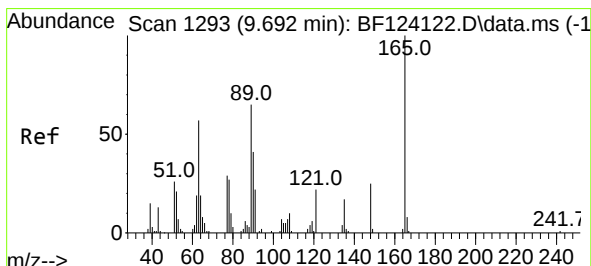
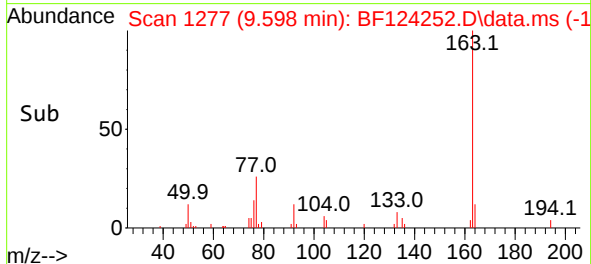
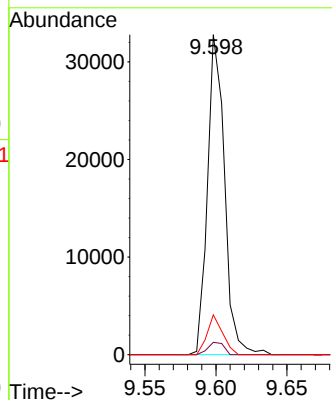
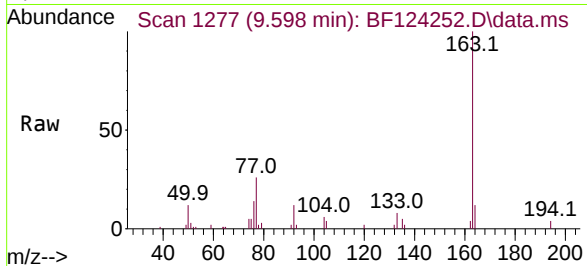




#50
Dimethylphthalate
Concen: 4.73 ng
RT: 9.598 min Scan# 1277
Delta R.T. -0.017 min
Lab File: BF124252.D
Acq: 11 Jun 2021 1:45

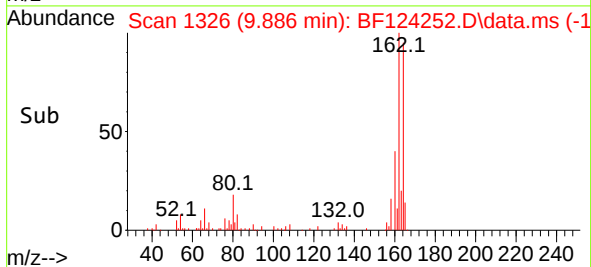
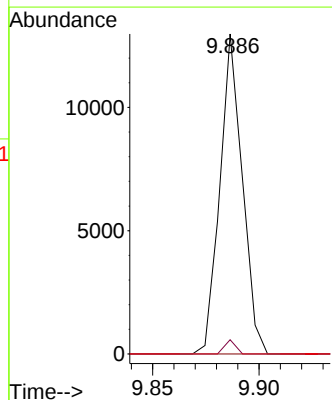
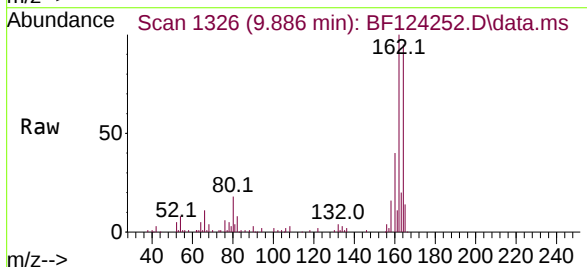
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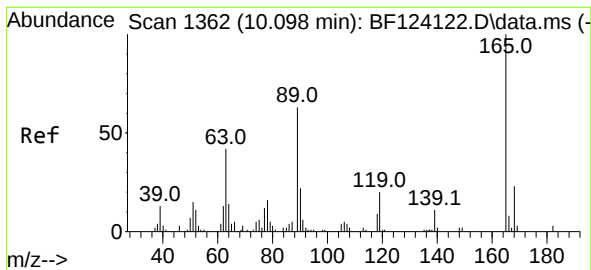
Tgt Ion:163 Resp: 27422
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 12.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 7.16 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.206 min
Lab File: BF124252.D
Acq: 11 Jun 2021 1:45

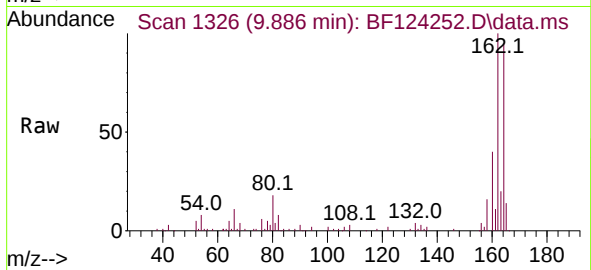
Tgt Ion:165 Resp: 9509
Ion Ratio Lower Upper
165 100
63 4.5 67.7 101.5#
89 0.0 58.8 88.2#



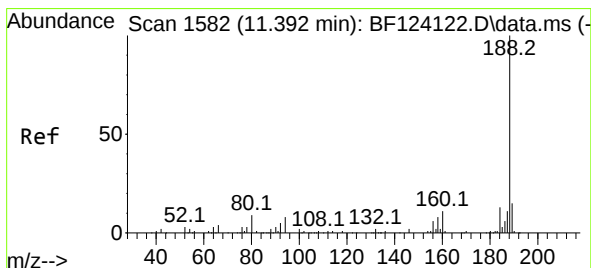
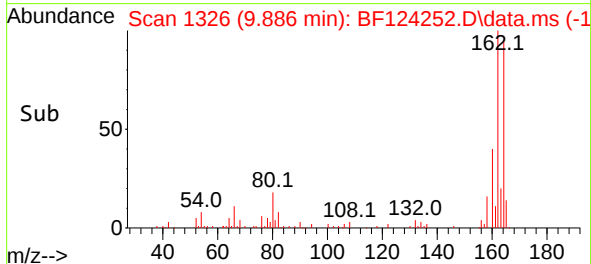
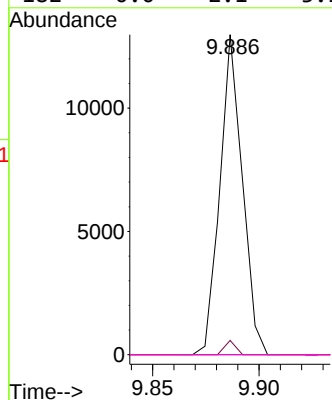


#57
2,4-Dinitrotoluene
Concen: 5.43 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF124252.D
Acq: 11 Jun 2021 1:45

Instrument :
BNA_F
ClientSampleId :
17-B2(0-5)

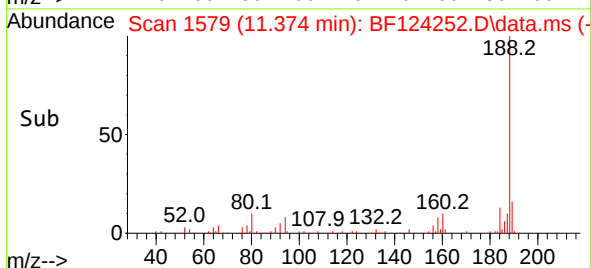
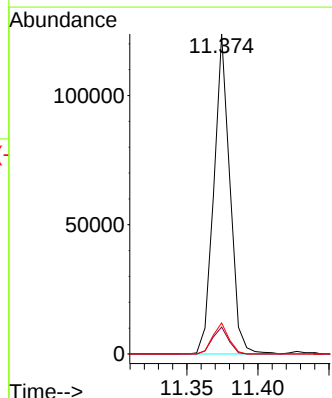
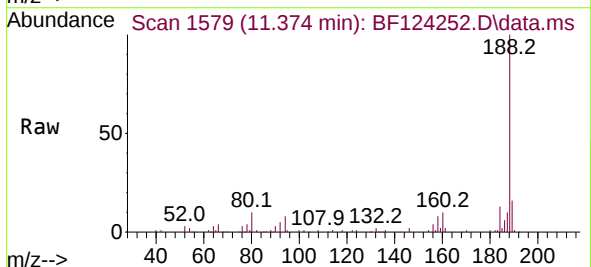


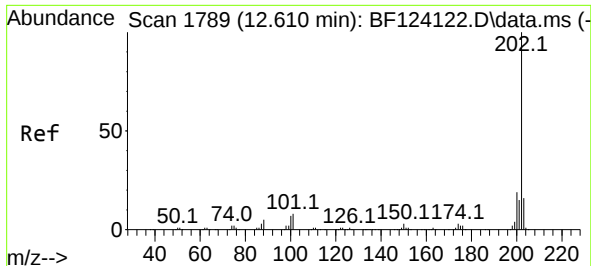
Tgt Ion:165 Resp: 9509
Ion Ratio Lower Upper
165 100
63 4.5 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF124252.D
Acq: 11 Jun 2021 1:45

Tgt Ion:188 Resp: 97363
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 9.7 8.2 12.2

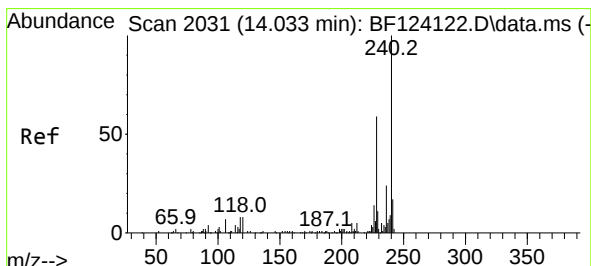
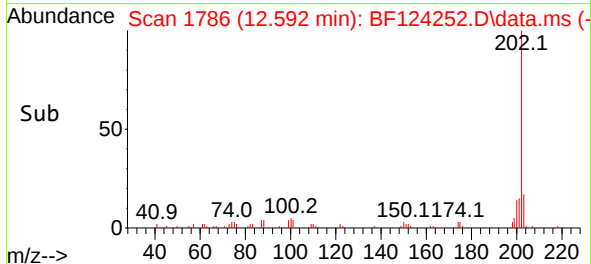
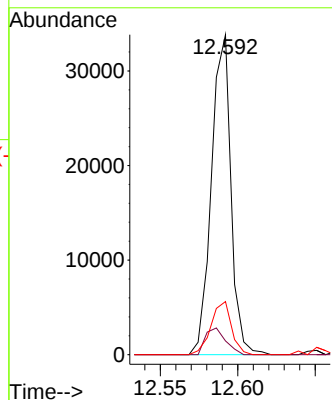
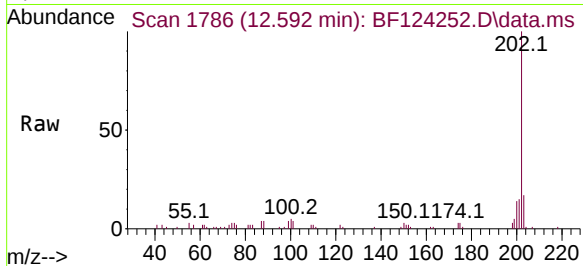




#75
Fluoranthene
Concen: 4.64 ng
RT: 12.592 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BF124252.D
Acq: 11 Jun 2021 1:45

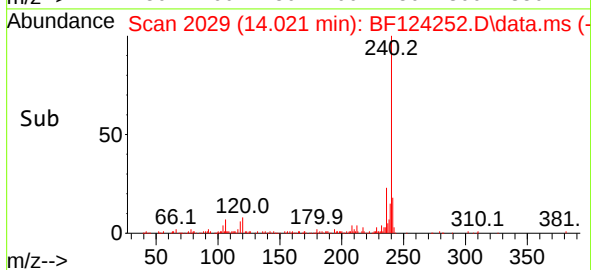
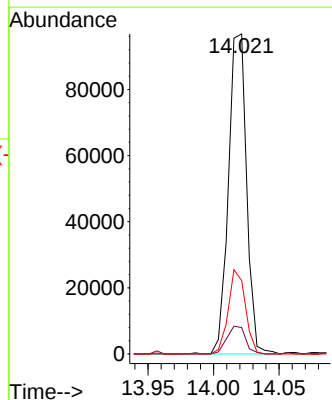
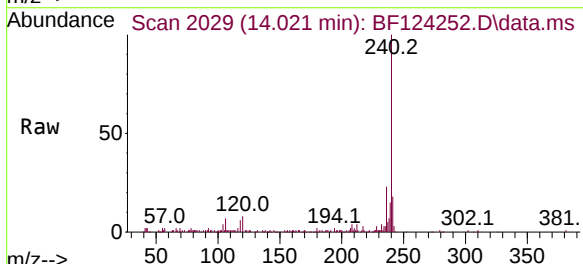
Instrument :
BNA_F
ClientSampleId :
17-B2(0-5)

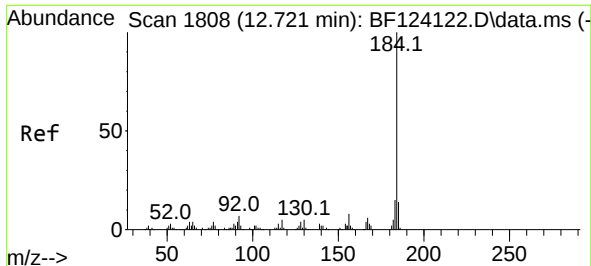
Tgt Ion:202	Resp:	29591
Ion Ratio	Lower	Upper
202	100	
101	4.3	0.0 30.9
203	16.6	0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF124252.D
Acq: 11 Jun 2021 1:45

Tgt Ion:240	Resp:	93079
Ion Ratio	Lower	Upper
240	100	
120	8.3	7.2 10.8
236	23.0	19.0 28.4

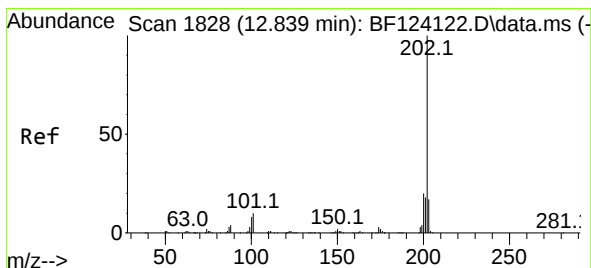
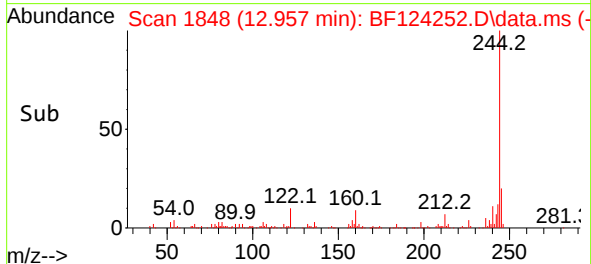
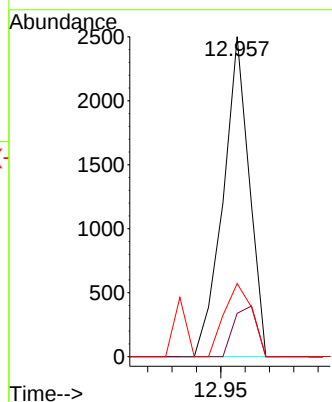
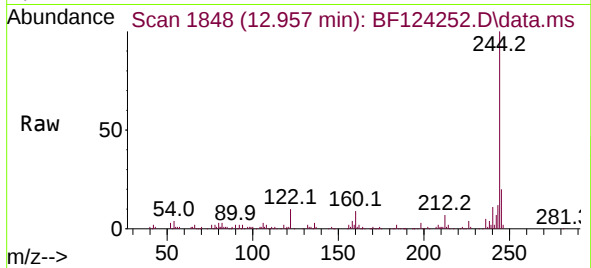




#77
Benzidine
Concen: 4.85 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.247 min
Lab File: BF124252.D
Acq: 11 Jun 2021 1:45

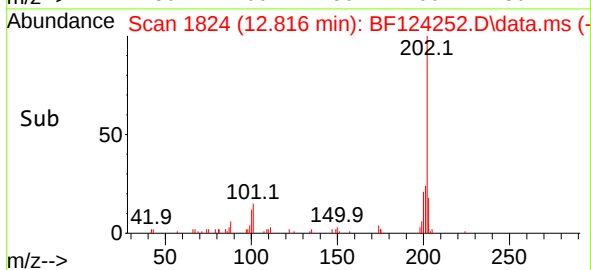
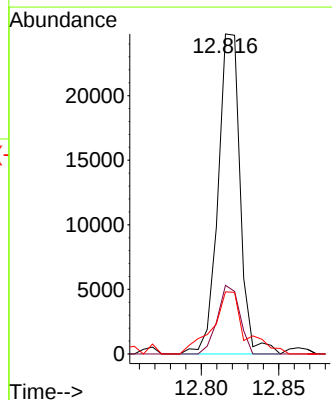
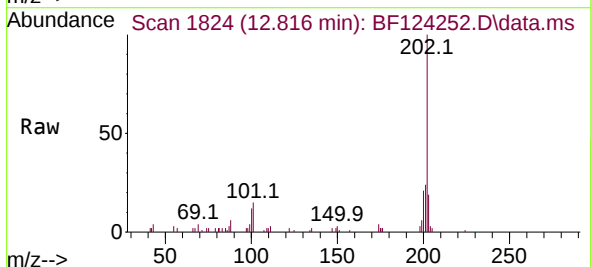
Instrument :
BNA_F
ClientSampleId :
17-B2(0-5)

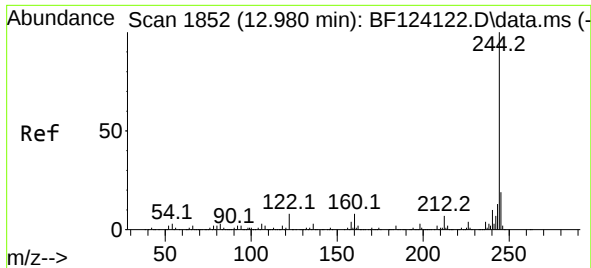
Tgt Ion:184 Resp: 1859
Ion Ratio Lower Upper
184 100
185 13.6 12.1 18.1
183 22.9 7.8 11.8#



#78
Pyrene
Concen: 2.76 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF124252.D
Acq: 11 Jun 2021 1:45

Tgt Ion:202 Resp: 24641
Ion Ratio Lower Upper
202 100
200 21.5 16.1 24.1
203 19.4 14.8 22.2

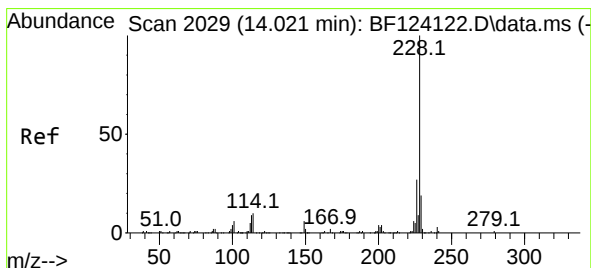
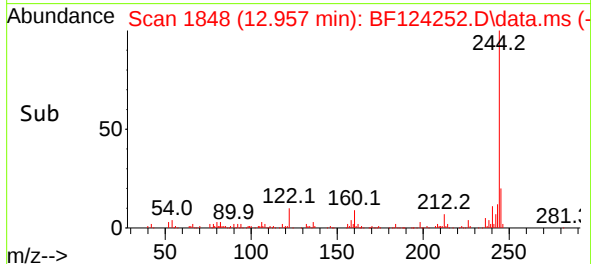
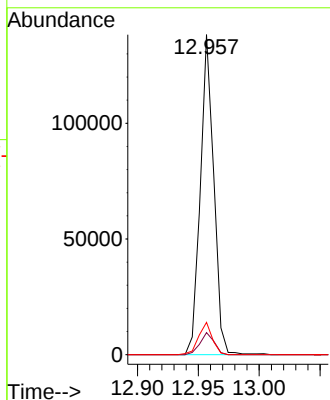
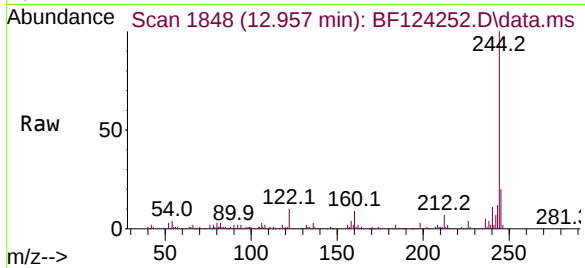




#79
 Terphenyl-d14
 Concen: 15.63 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF124252.D
 Acq: 11 Jun 2021 1:45

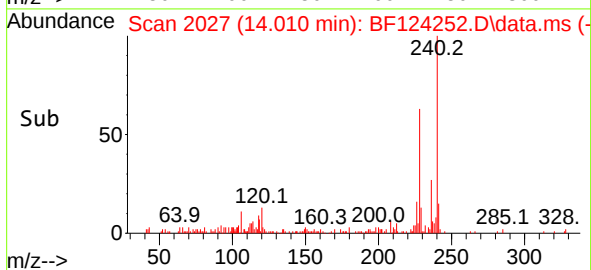
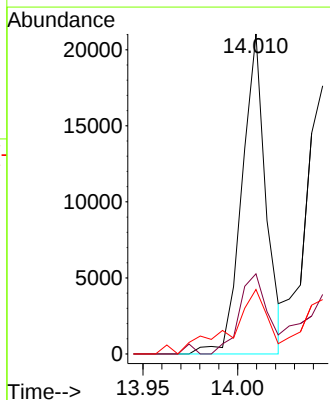
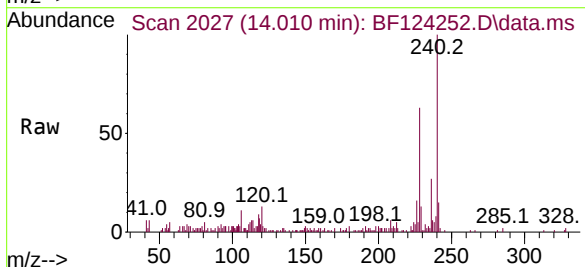
Instrument :
 BNA_F
 ClientSampleId :
 17-B2(0-5)

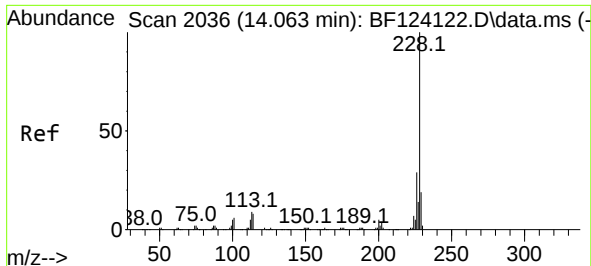
Tgt Ion:244 Resp: 105979
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.1 9.7 14.5



#81
 Benzo(a)anthracene
 Concen: 2.73 ng
 RT: 14.010 min Scan# 2027
 Delta R.T. 0.000 min
 Lab File: BF124252.D
 Acq: 11 Jun 2021 1:45

Tgt Ion:228 Resp: 18504
 Ion Ratio Lower Upper
 228 100
 226 25.1 22.4 33.6
 229 20.2 16.0 24.0

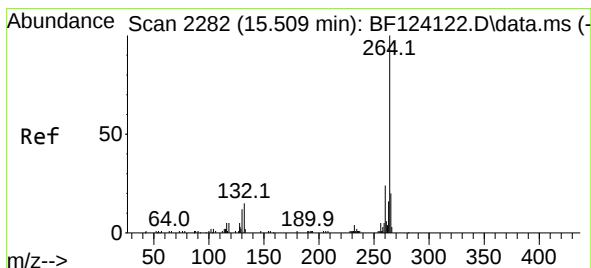
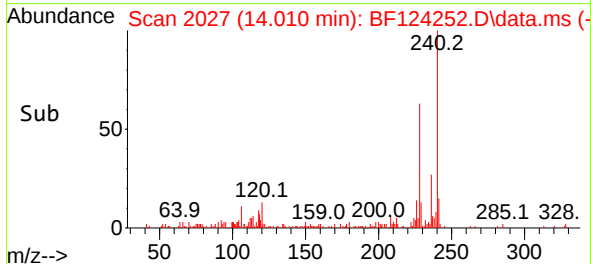
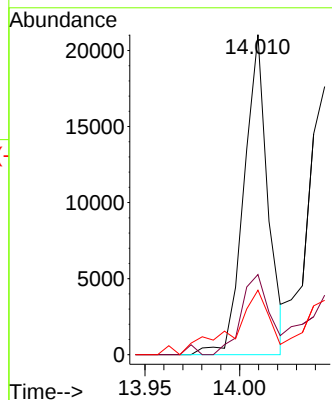
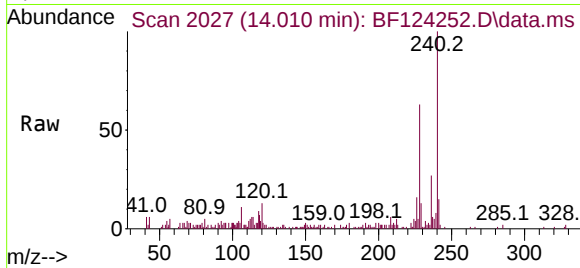




#83
Chrysene
Concen: 2.83 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.035 min
Lab File: BF124252.D
Acq: 11 Jun 2021 1:45

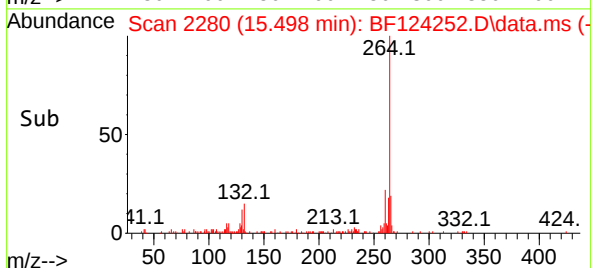
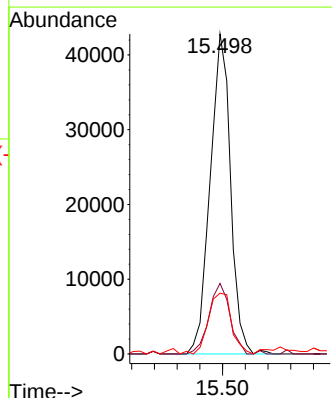
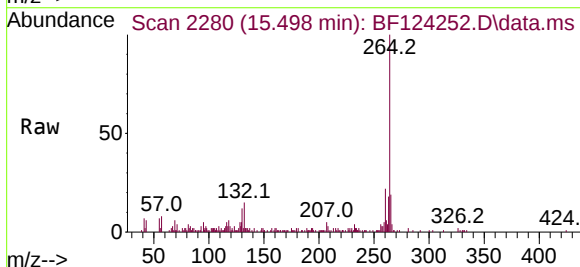
Instrument :
BNA_F
ClientSampleId :
17-B2(0-5)

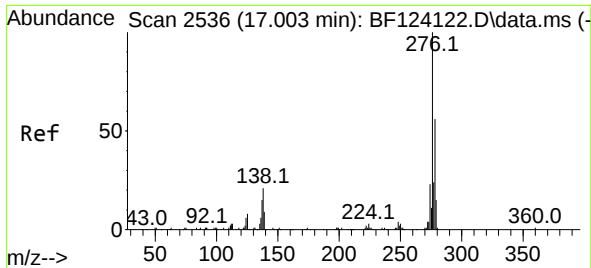
Tgt Ion:228	Resp:	18504
Ion Ratio	Lower	Upper
228	100	
226	25.1	24.3 36.5
229	20.2	16.2 24.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF124252.D
Acq: 11 Jun 2021 1:45

Tgt Ion:264	Resp:	53293
Ion Ratio	Lower	Upper
264	100	
260	22.0	18.7 28.1
265	19.0	17.8 26.8

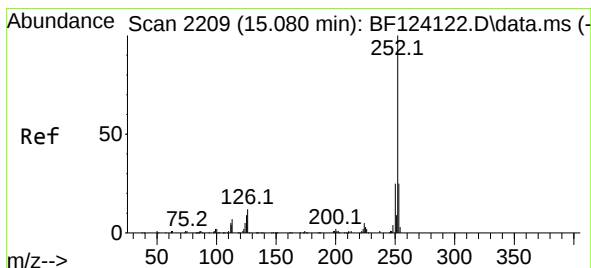
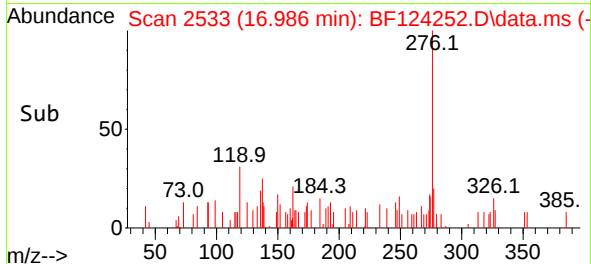
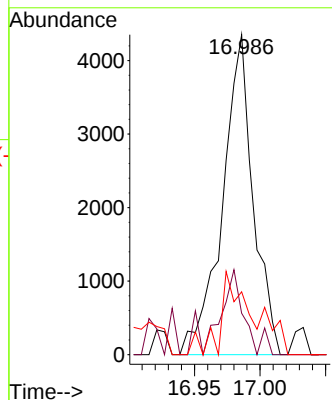
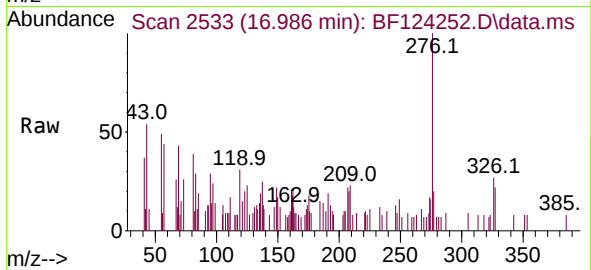




#87
Indeno(1,2,3-cd)pyrene
Concen: 5.79 ng
RT: 16.986 min Scan# 2533
Delta R.T. 0.006 min
Lab File: BF124252.D
Acq: 11 Jun 2021 1:45

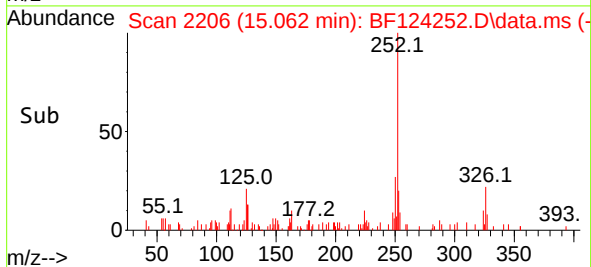
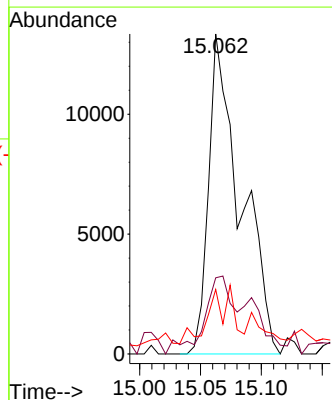
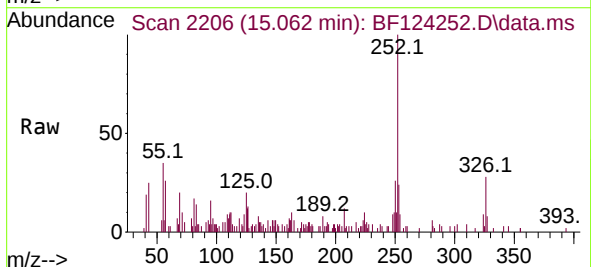
Instrument :
BNA_F
ClientSampleId :
17-B2(0-5)

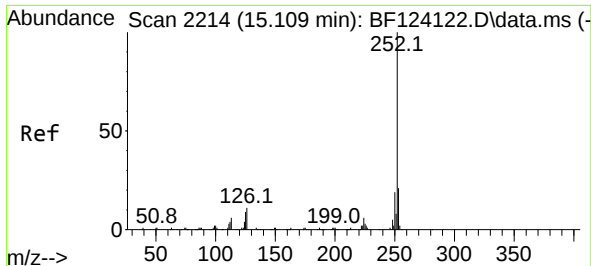
Tgt Ion:276 Resp: 7099
Ion Ratio Lower Upper
276 100
138 19.9 16.2 24.2
277 19.7 20.1 30.1#



#88
Benzo(b)fluoranthene
Concen: 5.88 ng
RT: 15.062 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BF124252.D
Acq: 11 Jun 2021 1:45

Tgt Ion:252 Resp: 24325
Ion Ratio Lower Upper
252 100
253 23.8 18.1 27.1
125 20.1 6.2 9.4#





#89

Benzo(k)fluoranthene

Concen: 6.21 ng

RT: 15.062 min Scan# 2206

Delta R.T. -0.029 min

Lab File: BF124252.D

Acq: 11 Jun 2021 1:45

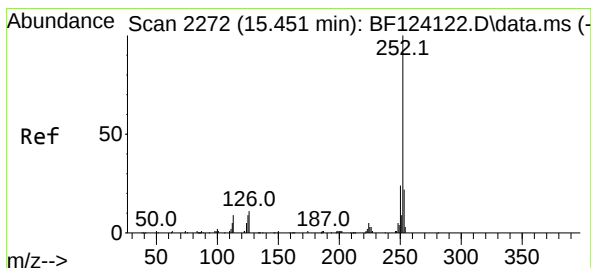
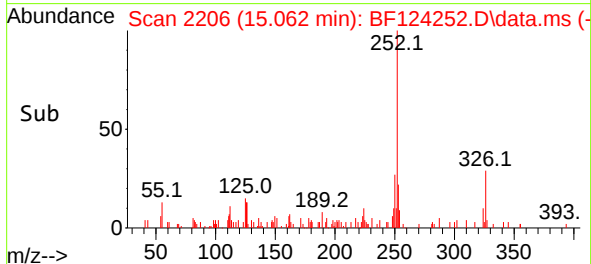
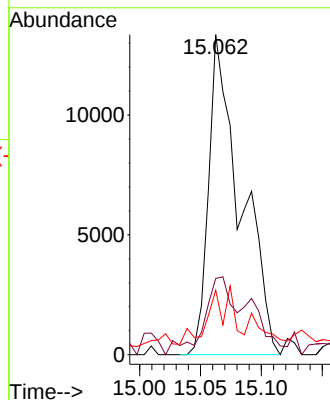
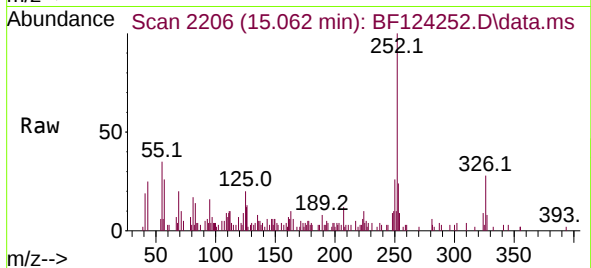
Tgt Ion:252	Resp:	24325
Ion Ratio	Lower	Upper
252	100	
253	23.8	17.9 26.9
125	20.1	7.0 10.6#

Instrument :

BNA_F

ClientSampleId :

17-B2(0-5)



#90

Benzo(a)pyrene

Concen: 3.23 ng

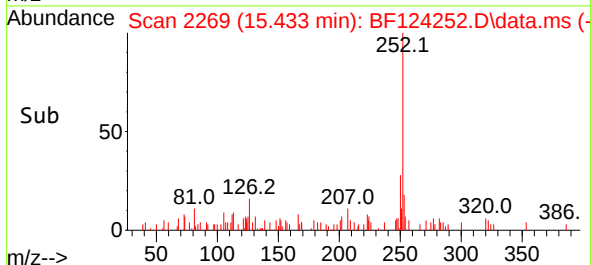
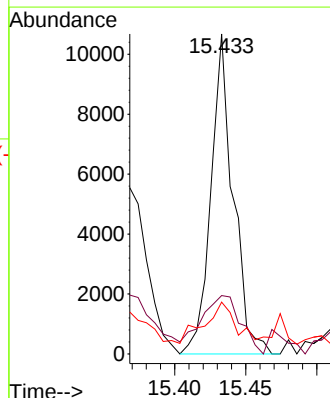
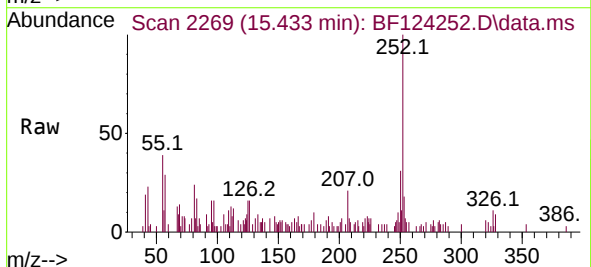
RT: 15.433 min Scan# 2269

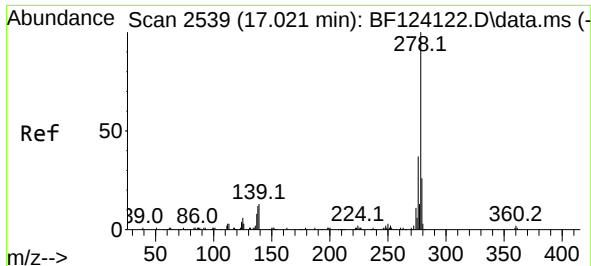
Delta R.T. 0.000 min

Lab File: BF124252.D

Acq: 11 Jun 2021 1:45

Tgt Ion:252	Resp:	11622
Ion Ratio	Lower	Upper
252	100	
253	18.2	18.4 27.6#
125	16.2	8.0 12.0#

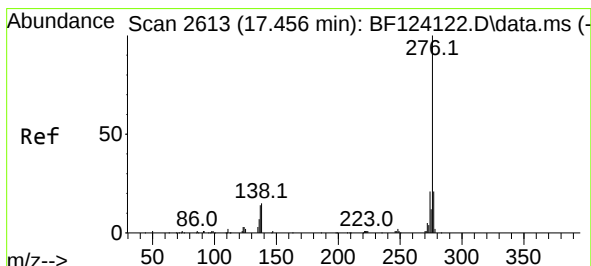
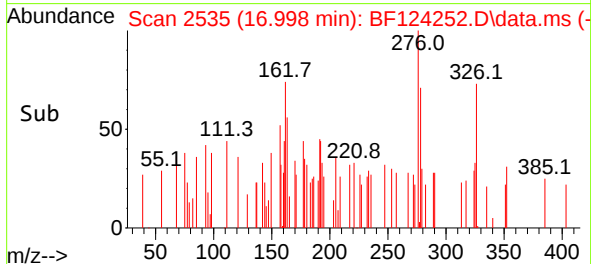
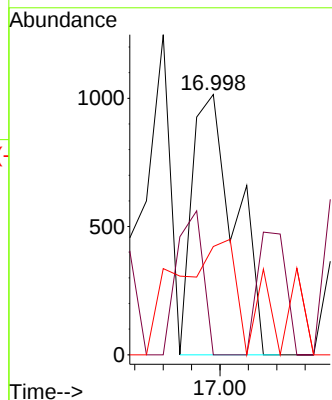
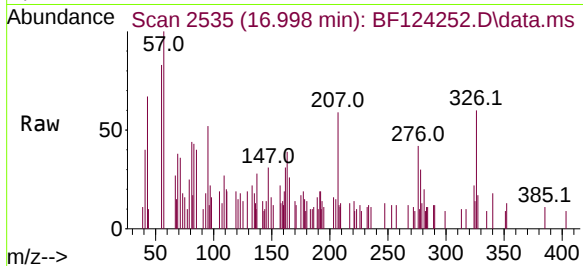




#91
Dibenzo(a,h)anthracene
Concen: 4.43 ng
RT: 16.998 min Scan# 2535
Delta R.T. 0.006 min
Lab File: BF124252.D
Acq: 11 Jun 2021 1:45

Instrument :
BNA_F
ClientSampleId :
17-B2(0-5)

Tgt Ion:278 Resp: 1075
Ion Ratio Lower Upper
278 100
139 0.0 10.2 15.2#
279 41.6 19.4 29.0#



#92
Benzo(g,h,i)perylene
Concen: 5.68 ng
RT: 17.433 min Scan# 2609
Delta R.T. 0.000 min
Lab File: BF124252.D
Acq: 11 Jun 2021 1:45

Tgt Ion:276 Resp: 7587
Ion Ratio Lower Upper
276 100
277 17.0 18.2 27.2#
138 15.8 13.8 20.6

