

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
 Data File : BF124086.D
 Acq On : 27 May 2021 3:10
 Operator : JU/CG
 Sample : M2519-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26878

Quant Time: May 27 04:56:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

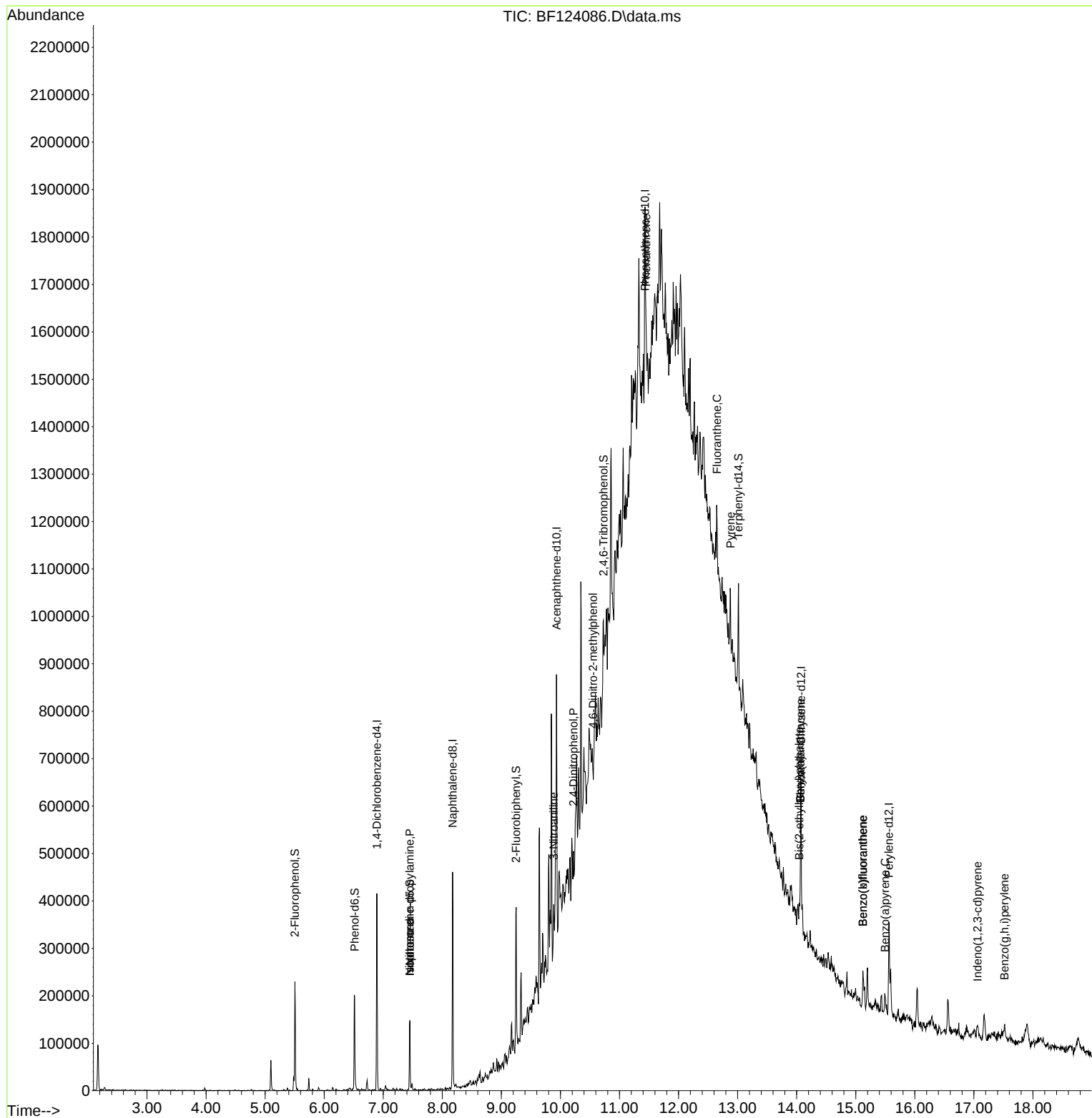
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	47482	20.00	ng	-0.01
21) Naphthalene-d8	8.175	136	179260	20.00	ng	-0.01
39) Acenaphthene-d10	9.933	164	85042	20.00	ng	-0.01
64) Phenanthrene-d10	11.433	188	120488	20.00	ng	# 0.00
76) Chrysene-d12	14.074	240	95130	20.00	ng	0.00
86) Perylene-d12	15.562	264	75334	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	47400	14.02	ng	0.00
7) Phenol-d6	6.516	99	58509	13.34	ng	0.00
23) Nitrobenzene-d5	7.451	82	45365	10.90	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	12553	12.29	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	79777	11.54	ng	-0.01
79) Terphenyl-d14	13.015	244	55752	8.88	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	6597	2.23	ng	# 71
25) Isophorone	7.451	82	45269	5.66	ng	# 69
53) 3-Nitroaniline	9.886	138	3188	2.34	ng	# 1
54) 2,4-Dinitrophenol	10.221	184	560	7.97	ng	# 81
65) 4,6-Dinitro-2-methylph...	10.551	198	240	5.71	ng	# 1
71) Phenanthrene	11.451	178	21086	2.76	ng	# 64
75) Fluoranthene	12.651	202	49991	6.32	ng	97
78) Pyrene	12.880	202	44069	5.22	ng	99
81) Benzo(a)anthracene	14.062	228	26893	3.91	ng	96
83) Chrysene	14.062	228	26893	4.06	ng	94
84) Bis(2-ethylhexyl)phtha...	14.045	149	14479	3.10	ng	# 89
87) Indeno(1,2,3-cd)pyrene	17.062	276	13199	2.27	ng	# 78
88) Benzo(b)fluoranthene	15.121	252	46380	7.96	ng	# 93
89) Benzo(k)fluoranthene	15.121	252	46380	8.73	ng	94
90) Benzo(a)pyrene	15.498	252	21797	4.33	ng	# 97
92) Benzo(g,h,i)perylene	17.521	276	12598	2.56	ng	# 84

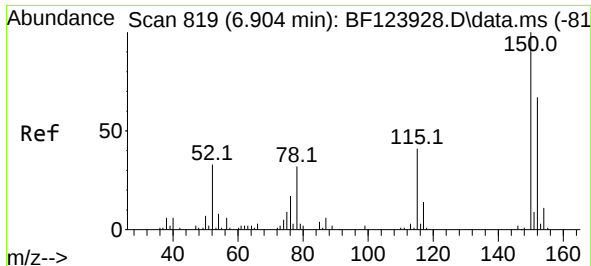
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124086.D
Acq On : 27 May 2021 3:10
Operator : JU/CG
Sample : M2519-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26878

Quant Time: May 27 04:56:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

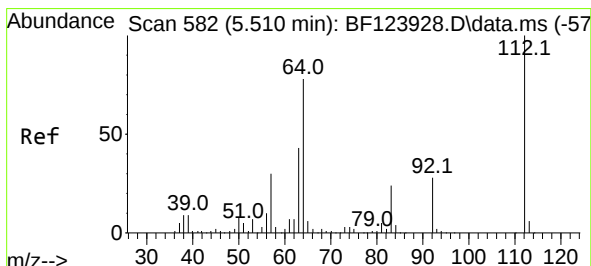
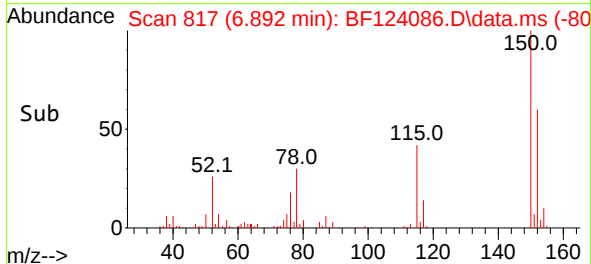
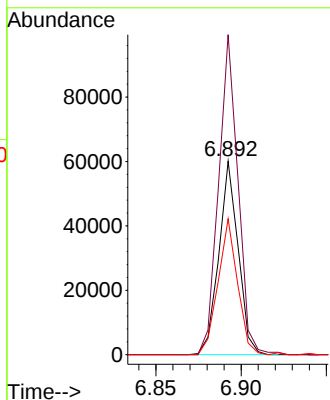
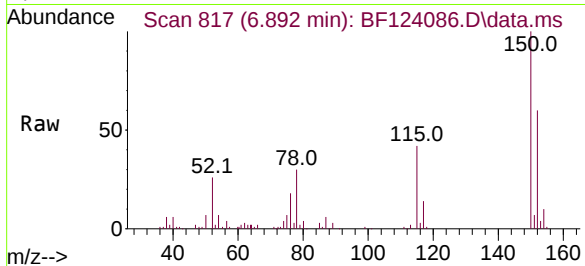




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF124086.D
Acq: 27 May 2021 3:10

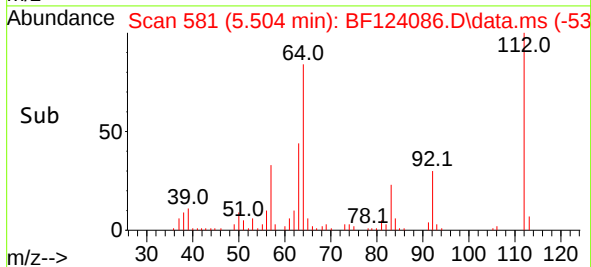
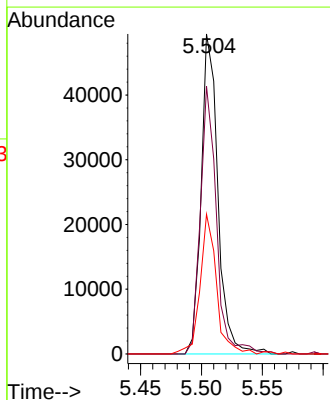
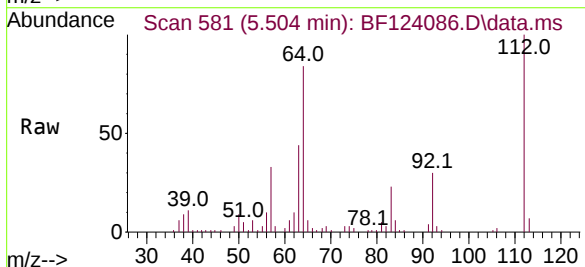
Instrument :
BNA_F
ClientSampled :
26878

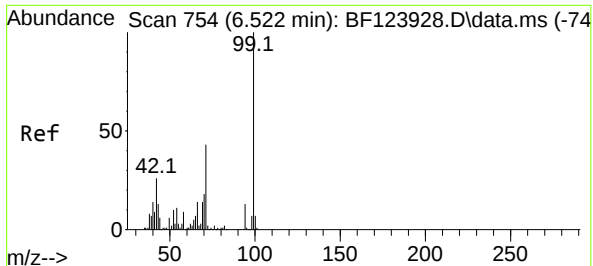
Tgt Ion:152 Resp: 47482
Ion Ratio Lower Upper
152 100
150 165.4 127.0 190.6
115 70.2 54.3 81.5



#5
2-Fluorophenol
Concen: 14.02 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF124086.D
Acq: 27 May 2021 3:10

Tgt Ion:112 Resp: 47400
Ion Ratio Lower Upper
112 100
64 83.7 61.4 92.0
63 43.7 33.0 49.4

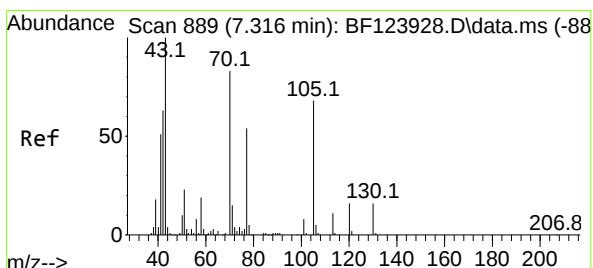
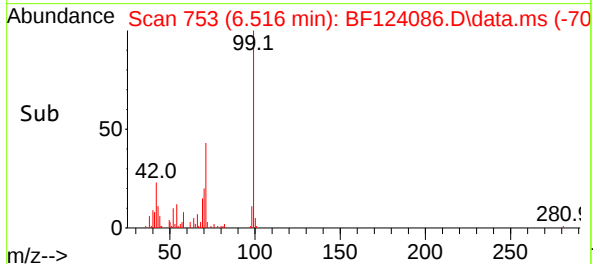
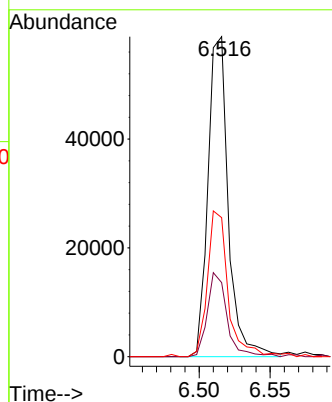
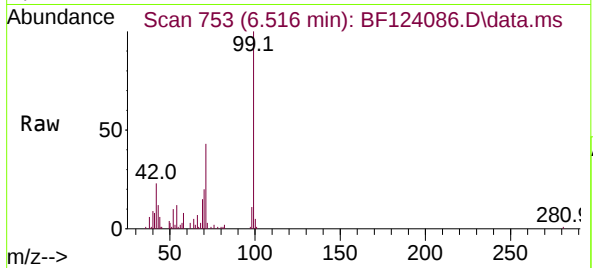




#7
Phenol-d6
Concen: 13.34 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF124086.D
Acq: 27 May 2021 3:10

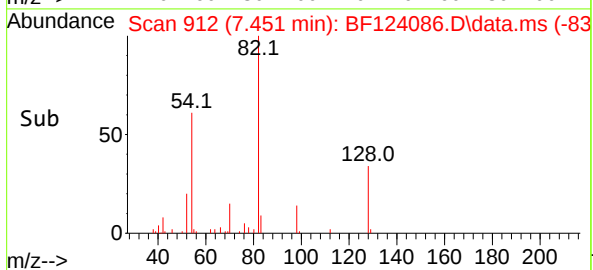
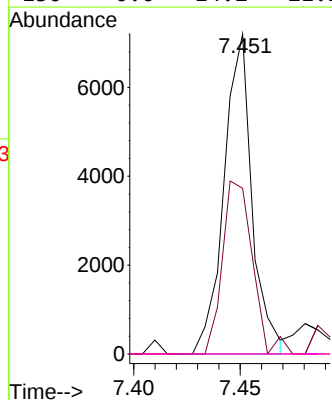
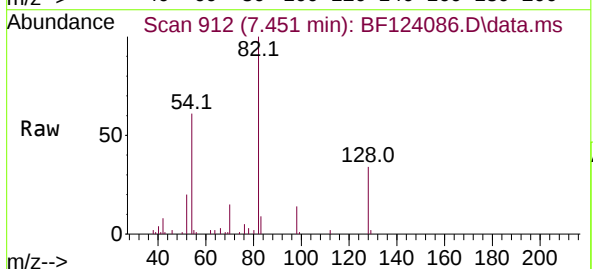
Instrument :
BNA_F
ClientSampleId :
26878

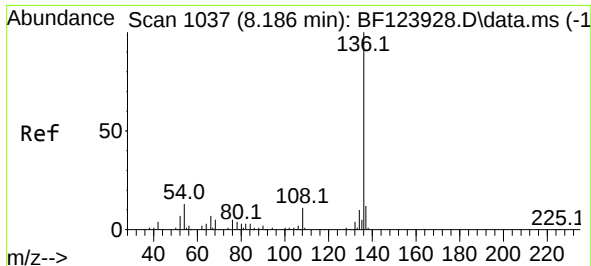
Tgt Ion: 99 Resp: 58509
Ion Ratio Lower Upper
99 100
42 23.1 19.8 29.8
71 43.4 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 2.23 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF124086.D
Acq: 27 May 2021 3:10

Tgt Ion: 70 Resp: 6597
Ion Ratio Lower Upper
70 100
42 51.8 60.1 90.1#
101 0.0 7.4 11.2#
130 0.0 14.2 21.2#

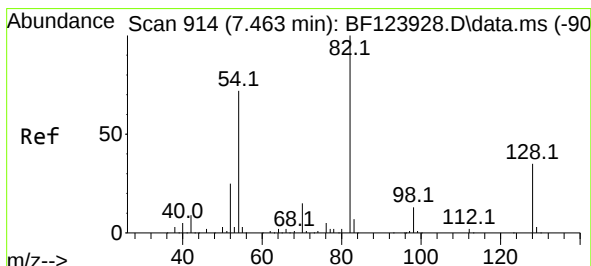
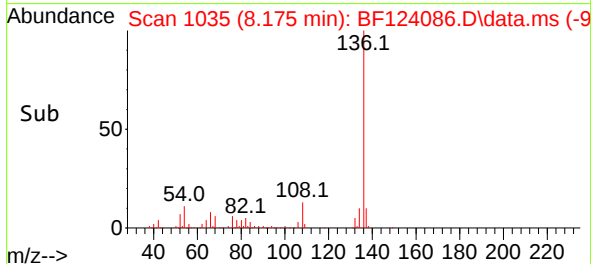
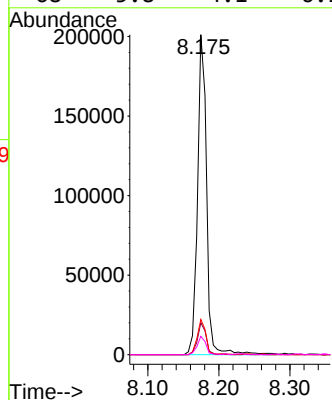
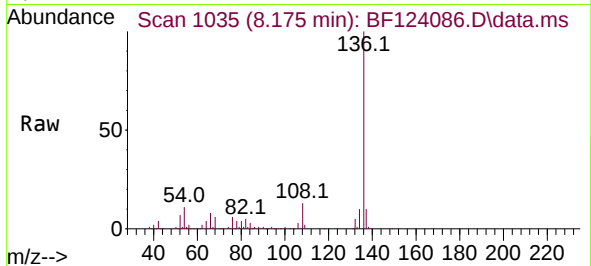




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.011 min
Lab File: BF124086.D
Acq: 27 May 2021 3:10

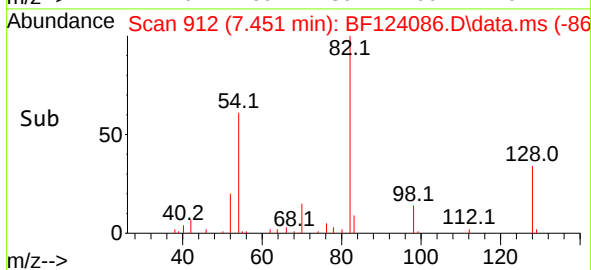
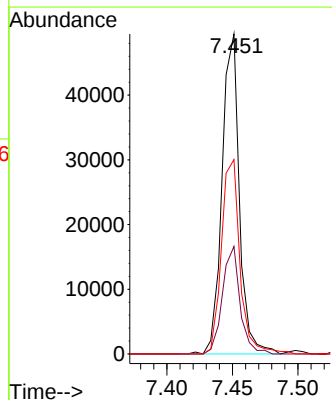
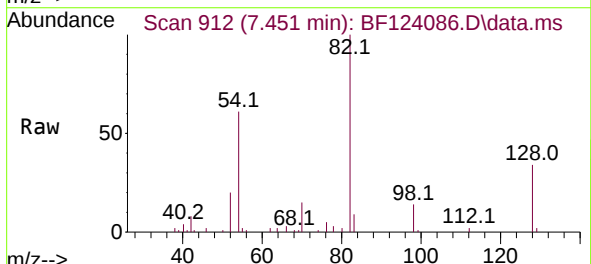
Instrument :
BNA_F
ClientSampled :
26878

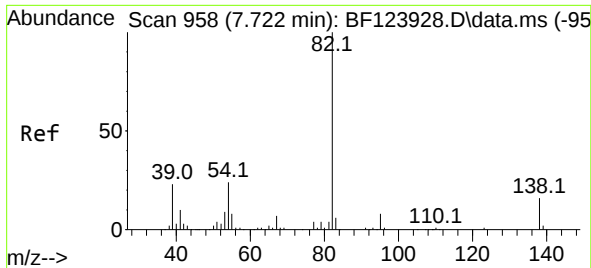
Tgt Ion:136	Resp:	179260
Ion Ratio	Lower	Upper
136	100	
137	10.0	8.7 13.1
54	11.0	9.8 14.6
68	5.8	4.1 6.1



#23
Nitrobenzene-d5
Concen: 10.90 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF124086.D
Acq: 27 May 2021 3:10

Tgt Ion: 82	Resp:	45365
Ion Ratio	Lower	Upper
82	100	
128	33.6	29.4 44.2
54	60.8	54.1 81.1

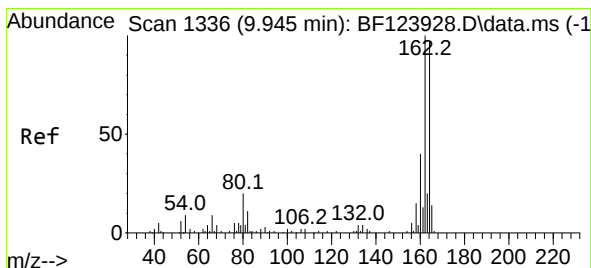
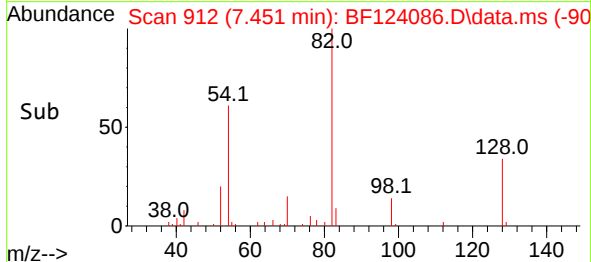
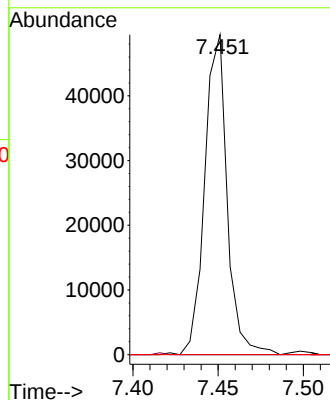
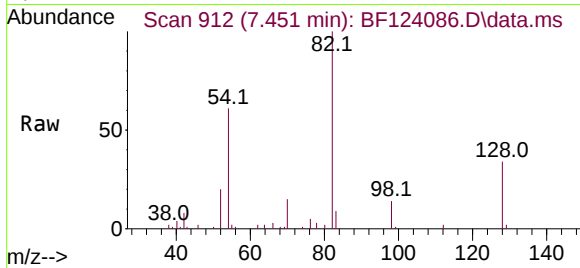




#25
Isophorone
Concen: 5.66 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.271 min
Lab File: BF124086.D
Acq: 27 May 2021 3:10

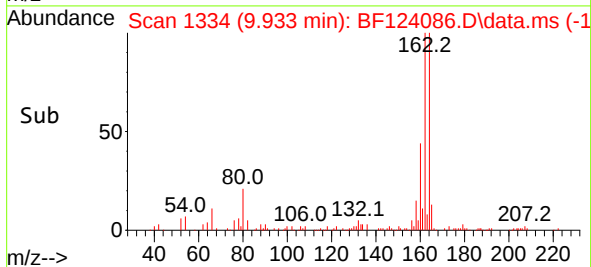
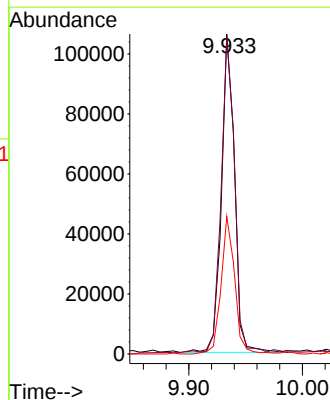
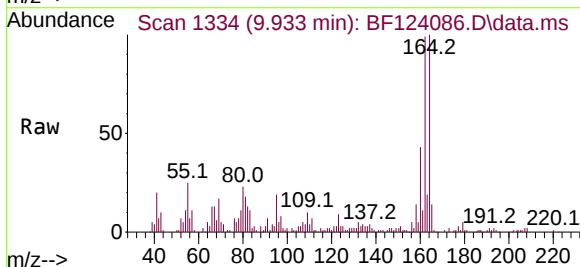
Instrument :
BNA_F
ClientSampleId :
26878

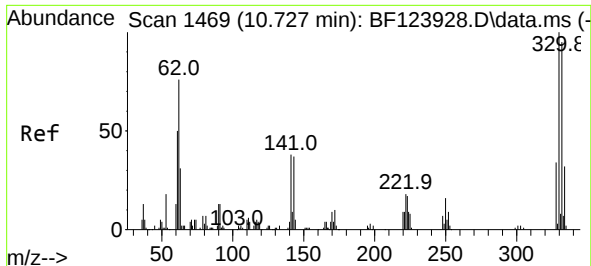
Tgt Ion: 82 Resp: 45269
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF124086.D
Acq: 27 May 2021 3:10

Tgt Ion: 164 Resp: 85042
Ion Ratio Lower Upper
164 100
162 99.1 80.7 121.1
160 42.9 37.3 55.9

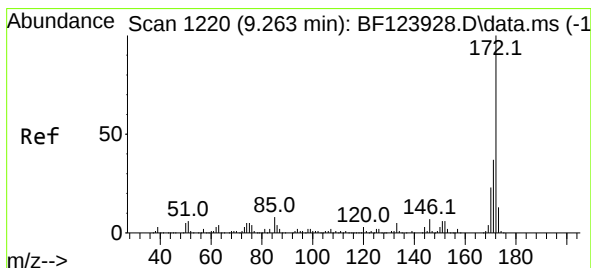
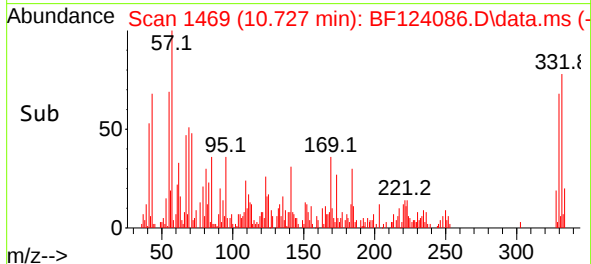
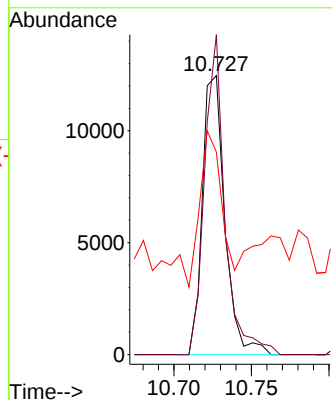
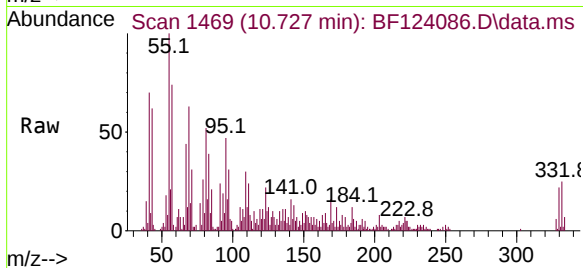




#42
2,4,6-Tribromophenol
Concen: 12.29 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.000 min
Lab File: BF124086.D
Acq: 27 May 2021 3:10

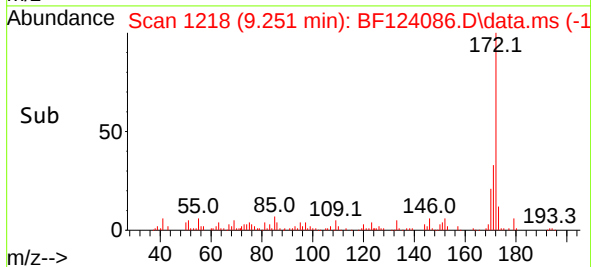
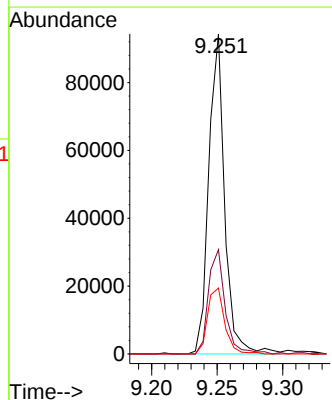
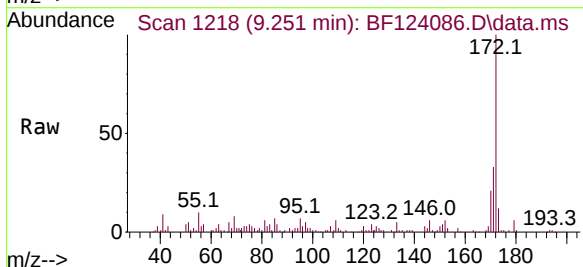
Instrument :
BNA_F
ClientSampleId :
26878

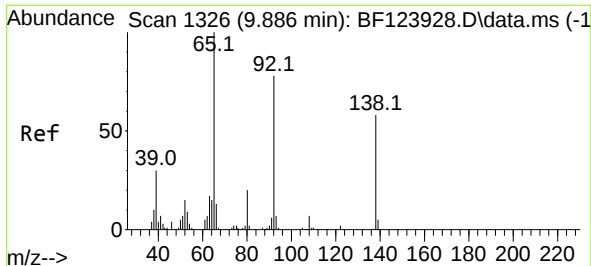
Tgt Ion: 330 Resp: 12553
Ion Ratio Lower Upper
330 100
332 103.8 77.1 115.7
141 53.6 27.9 41.9#



#45
2-Fluorobiphenyl
Concen: 11.54 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF124086.D
Acq: 27 May 2021 3:10

Tgt Ion: 172 Resp: 79777
Ion Ratio Lower Upper
172 100
171 32.6 28.1 42.1
170 20.6 19.2 28.8

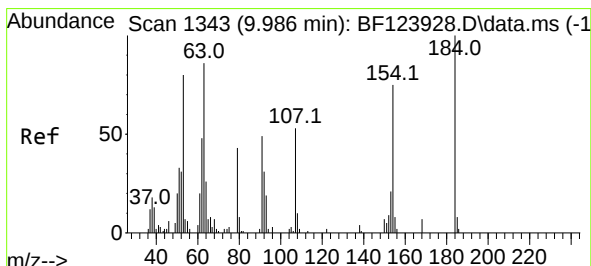
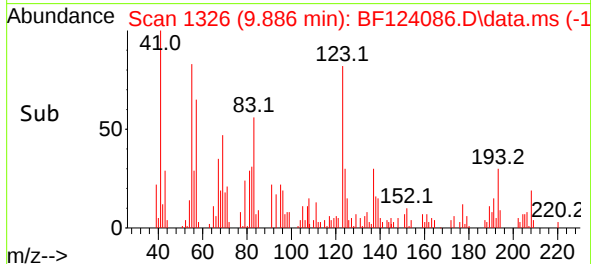
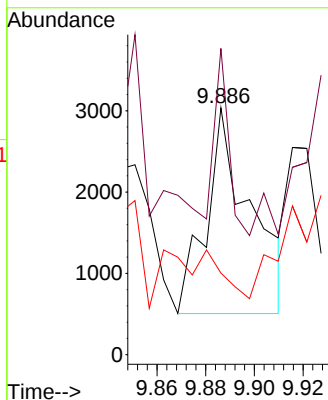
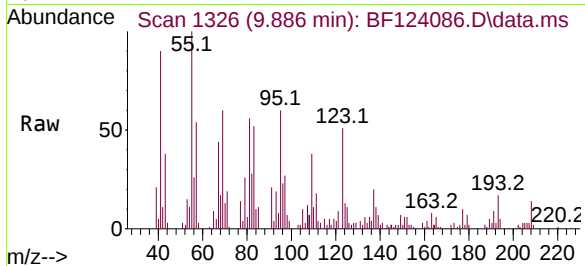




#53
3-Nitroaniline
Concen: 2.34 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BF124086.D
Acq: 27 May 2021 3:10

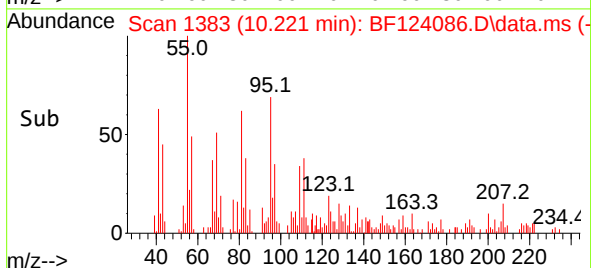
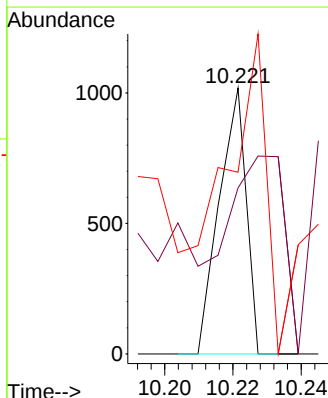
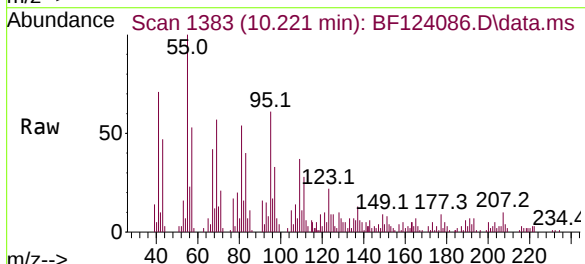
Instrument :
BNA_F
ClientSampleId :
26878

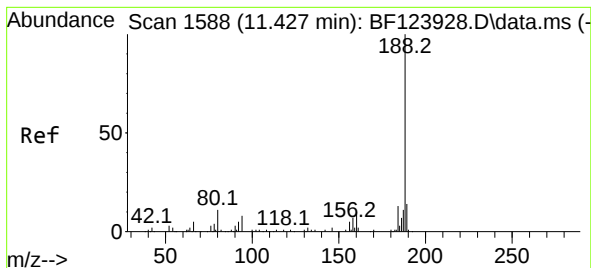
Tgt Ion:138 Resp: 3188
Ion Ratio Lower Upper
138 100
108 124.1 10.2 15.4#
92 33.0 103.3 154.9#



#54
2,4-Dinitrophenol
Concen: 7.97 ng
RT: 10.221 min Scan# 1383
Delta R.T. 0.235 min
Lab File: BF124086.D
Acq: 27 May 2021 3:10

Tgt Ion:184 Resp: 560
Ion Ratio Lower Upper
184 100
63 62.4 73.5 110.3#
154 68.3 52.5 78.7





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.433 min Scan# 1589

Delta R.T. 0.006 min

Lab File: BF124086.D

Acq: 27 May 2021 3:10

Tgt Ion:188 Resp: 120488

Ion Ratio Lower Upper

188 100

94 12.1 6.9 10.3#

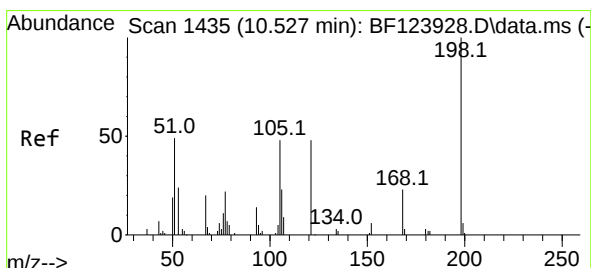
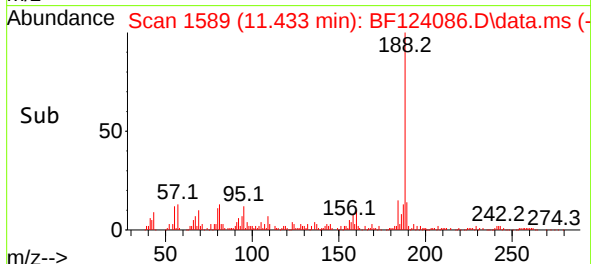
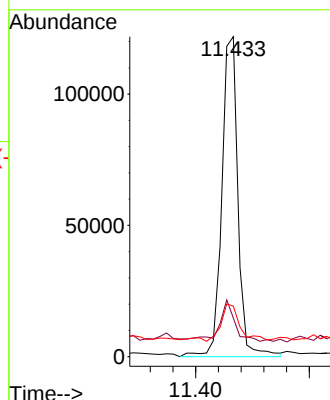
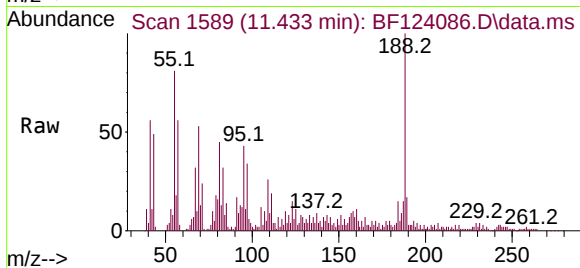
80 15.8 8.2 12.2#

Instrument :

BNA_F

ClientSampled :

26878



#65

4,6-Dinitro-2-methylphenol

Concen: 5.71 ng

RT: 10.551 min Scan# 1439

Delta R.T. 0.024 min

Lab File: BF124086.D

Acq: 27 May 2021 3:10

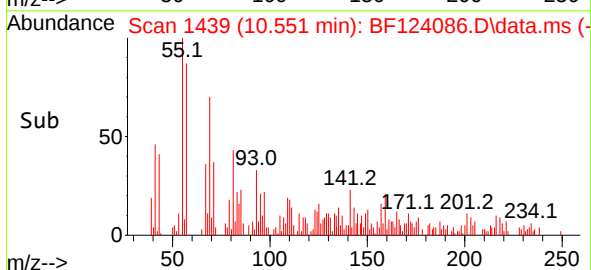
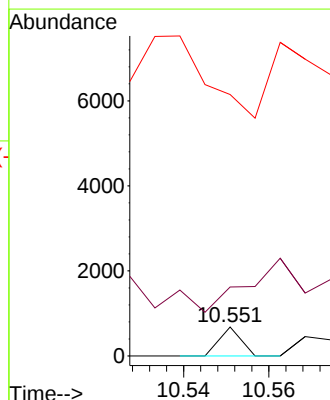
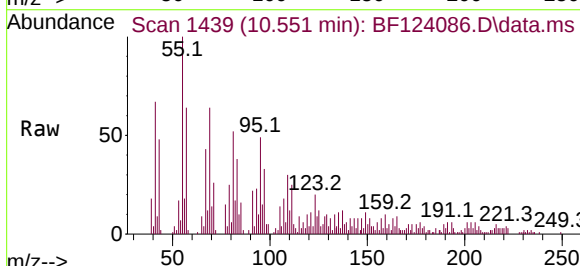
Tgt Ion:198 Resp: 240

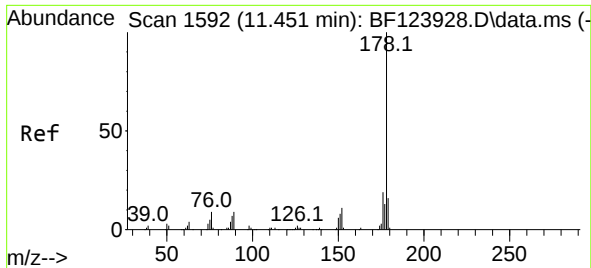
Ion Ratio Lower Upper

198 100

51 238.0 64.8 104.8#

105 902.8 42.6 82.6#

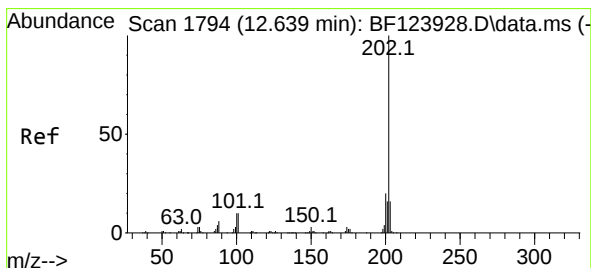
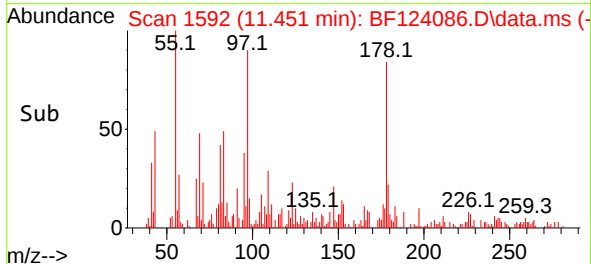
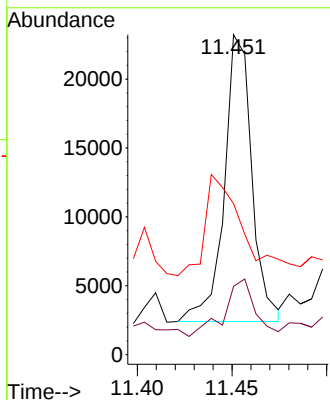
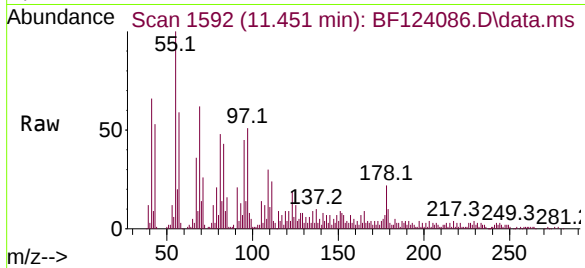




#71
Phenanthrene
Concen: 2.76 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF124086.D
Acq: 27 May 2021 3:10

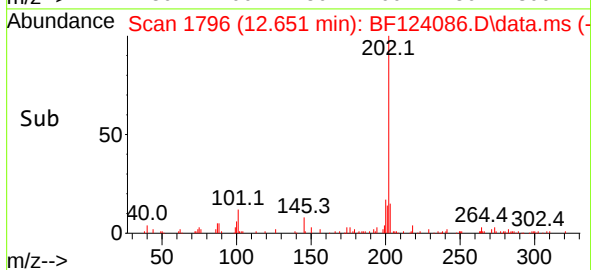
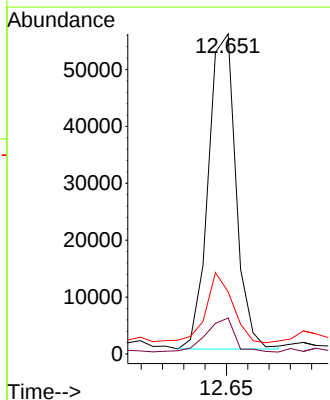
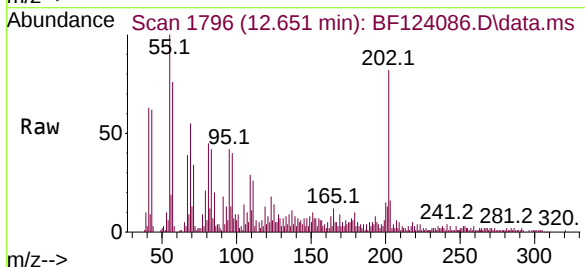
Instrument :
BNA_F
ClientSampleId :
26878

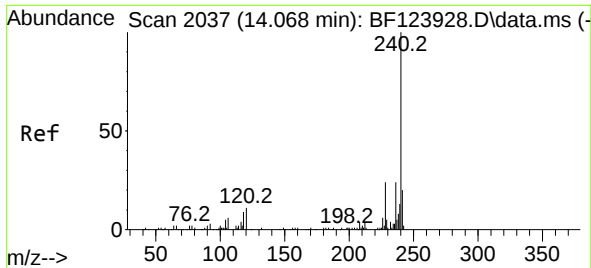
Tgt Ion:178	Resp:	21086
Ion Ratio	Lower	Upper
178	100	
176	21.3	15.6 23.4
179	47.2	12.5 18.7#



#75
Fluoranthene
Concen: 6.32 ng
RT: 12.651 min Scan# 1796
Delta R.T. 0.012 min
Lab File: BF124086.D
Acq: 27 May 2021 3:10

Tgt Ion:202	Resp:	49991
Ion Ratio	Lower	Upper
202	100	
101	11.2	0.0 30.9
203	19.4	0.0 37.5

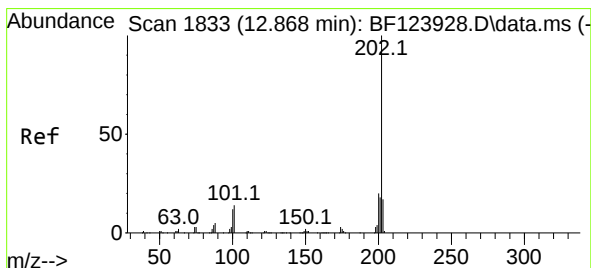
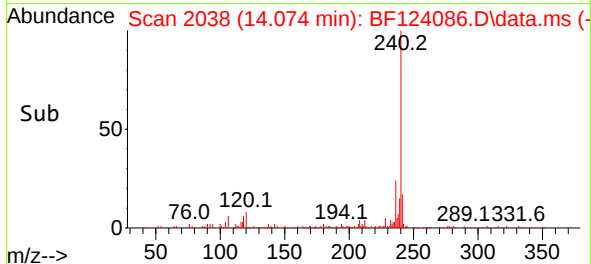
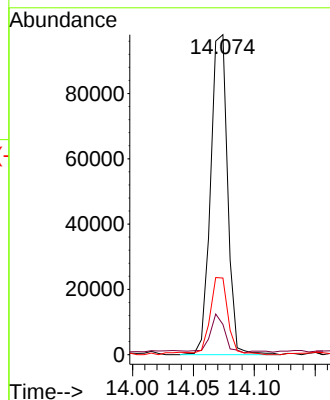
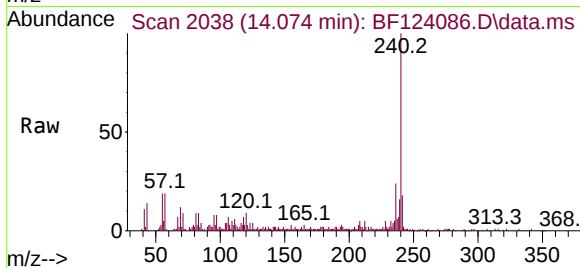




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.006 min
Lab File: BF124086.D
Acq: 27 May 2021 3:10

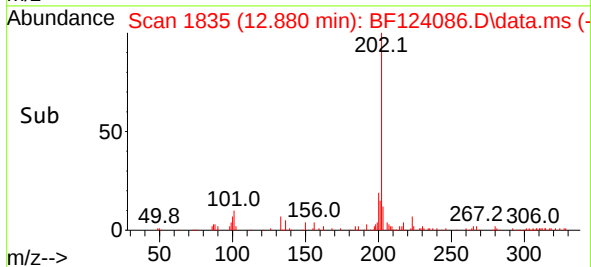
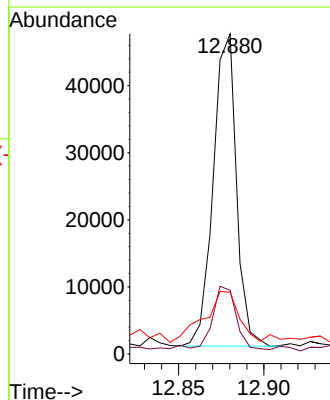
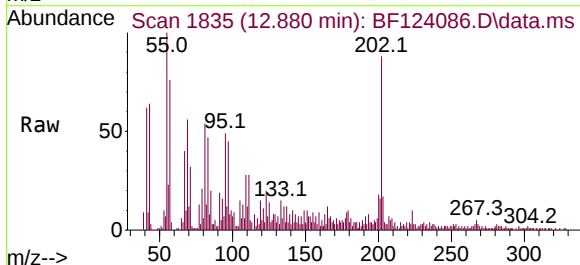
Instrument :
BNA_F
ClientSampled :
26878

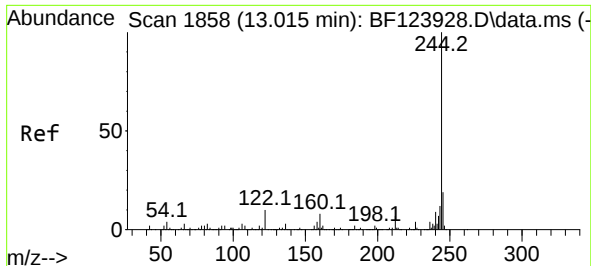
Tgt Ion:240 Resp: 95130
Ion Ratio Lower Upper
240 100
120 9.5 7.2 10.8
236 24.0 19.0 28.4



#78
Pyrene
Concen: 5.22 ng
RT: 12.880 min Scan# 1835
Delta R.T. 0.012 min
Lab File: BF124086.D
Acq: 27 May 2021 3:10

Tgt Ion:202 Resp: 44069
Ion Ratio Lower Upper
202 100
200 19.9 16.1 24.1
203 19.3 14.8 22.2

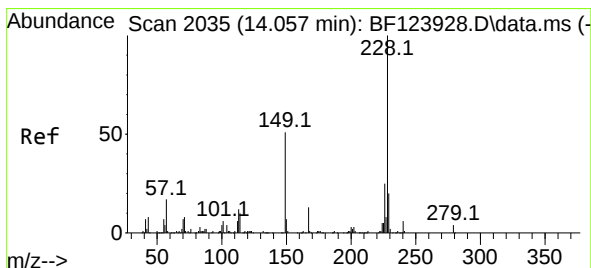
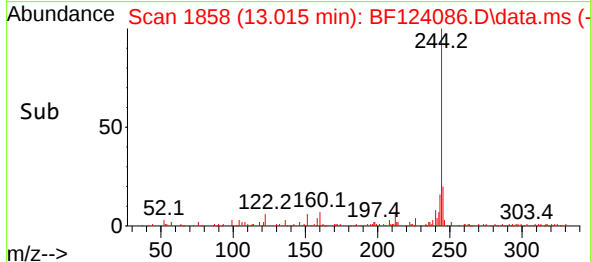
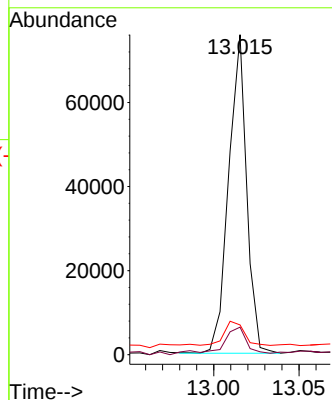
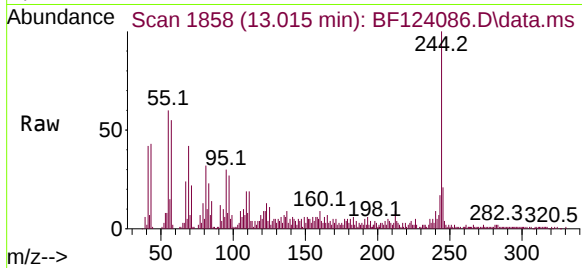




#79
 Terphenyl-d14
 Concen: 8.88 ng
 RT: 13.015 min Scan# 1858
 Delta R.T. -0.000 min
 Lab File: BF124086.D
 Acq: 27 May 2021 3:10

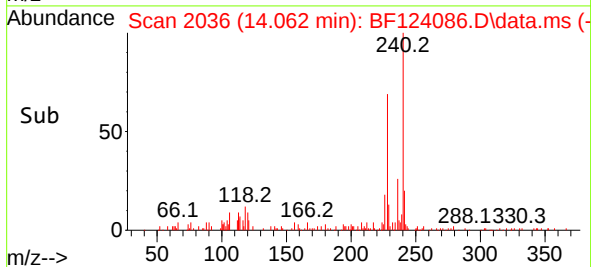
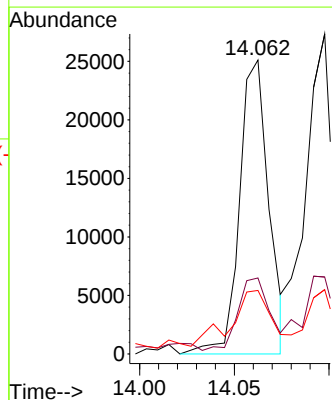
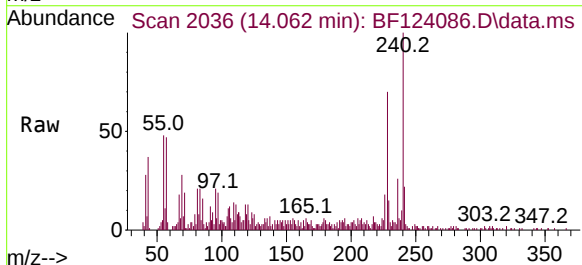
Instrument :
 BNA_F
 ClientSampled :
 26878

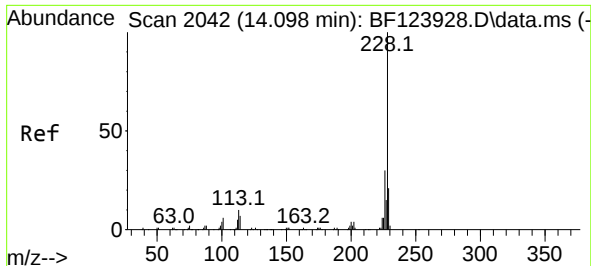
Tgt Ion:244 Resp: 55752
 Ion Ratio Lower Upper
 244 100
 212 8.6 5.7 8.5#
 122 9.3 9.7 14.5#



#81
 Benzo(a)anthracene
 Concen: 3.91 ng
 RT: 14.062 min Scan# 2036
 Delta R.T. 0.006 min
 Lab File: BF124086.D
 Acq: 27 May 2021 3:10

Tgt Ion:228 Resp: 26893
 Ion Ratio Lower Upper
 228 100
 226 25.9 22.4 33.6
 229 21.6 16.0 24.0

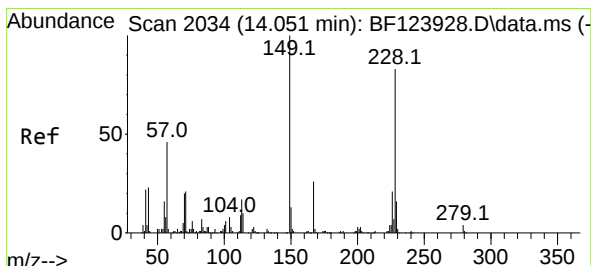
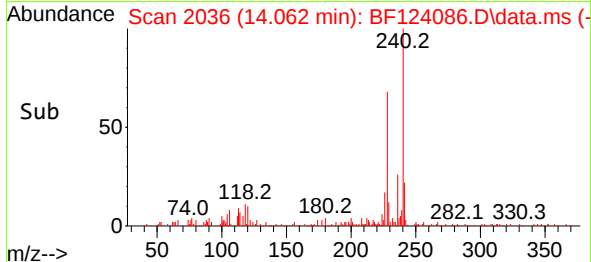
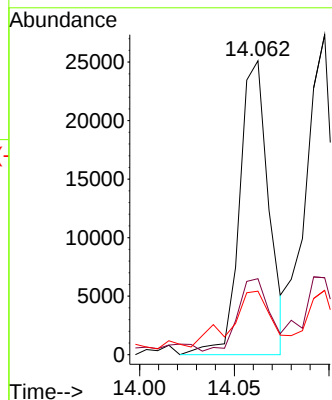
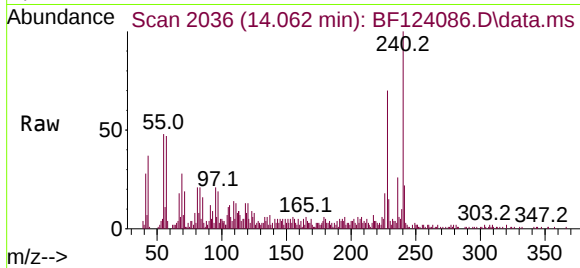




#83
Chrysene
Concen: 4.06 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.035 min
Lab File: BF124086.D
Acq: 27 May 2021 3:10

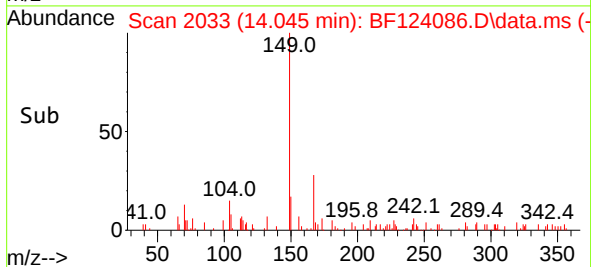
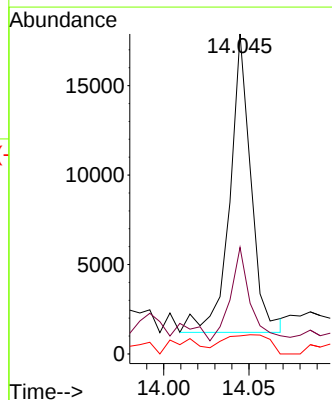
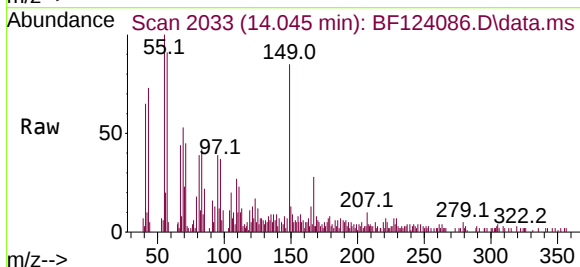
Instrument :
BNA_F
ClientSampled :
26878

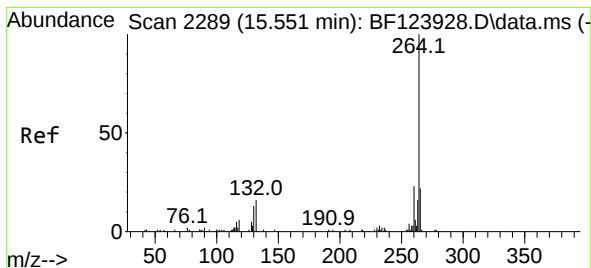
Tgt Ion:228 Resp: 26893
Ion Ratio Lower Upper
228 100
226 25.9 24.3 36.5
229 21.6 16.2 24.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.10 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF124086.D
Acq: 27 May 2021 3:10

Tgt Ion:149 Resp: 14479
Ion Ratio Lower Upper
149 100
167 33.3 21.8 32.6#
279 5.6 3.3 4.9#

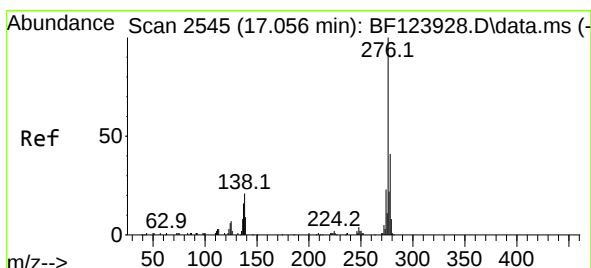
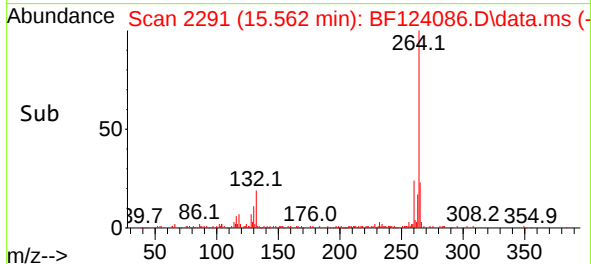
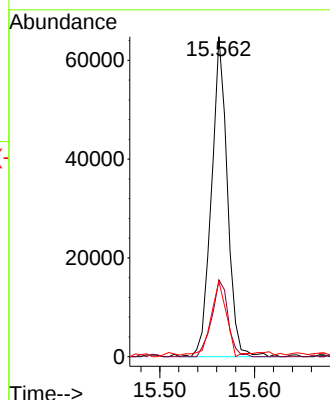
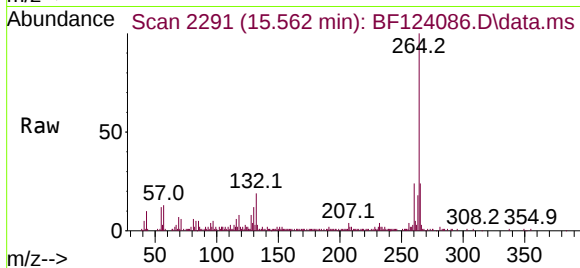




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.562 min Scan# 2291
Delta R.T. 0.012 min
Lab File: BF124086.D
Acq: 27 May 2021 3:10

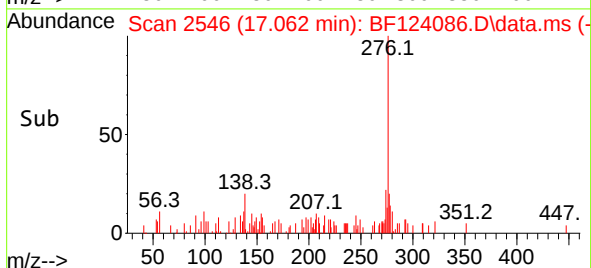
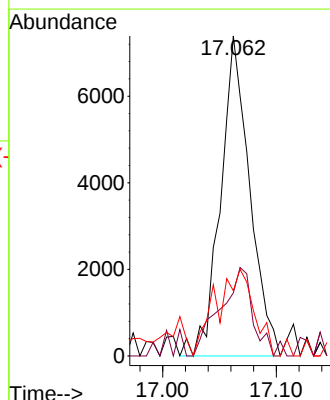
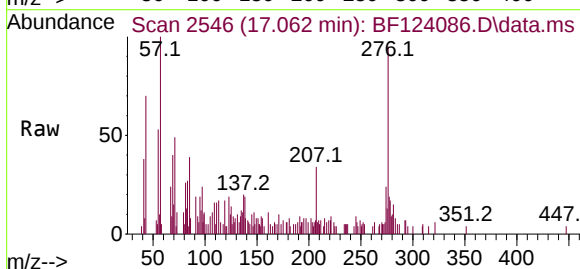
Instrument :
BNA_F
ClientSampled :
26878

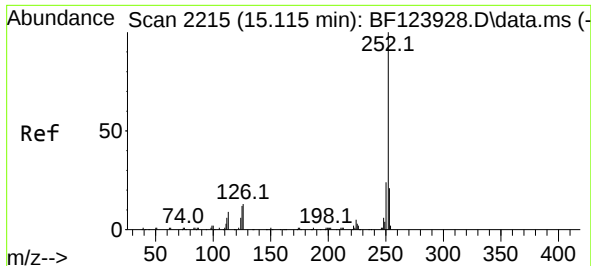
Tgt Ion:	264	Resp:	75334
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.7	28.1
265	23.5	17.8	26.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.27 ng
RT: 17.062 min Scan# 2546
Delta R.T. 0.006 min
Lab File: BF124086.D
Acq: 27 May 2021 3:10

Tgt Ion:	276	Resp:	13199
Ion Ratio	Lower	Upper	
276	100		
138	31.6	16.2	24.2#
277	35.1	20.1	30.1#

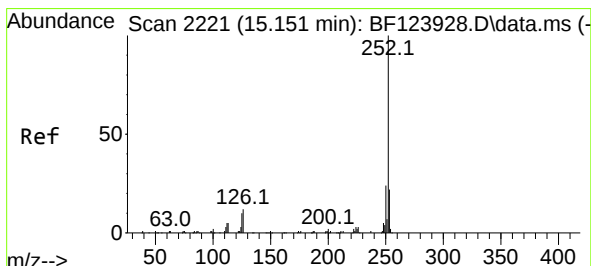
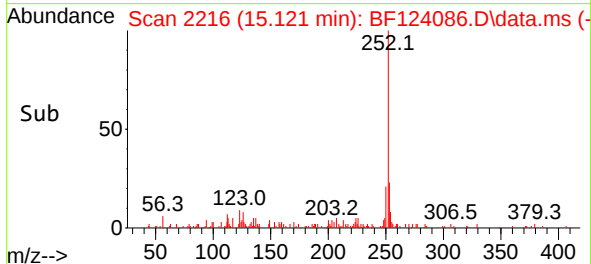
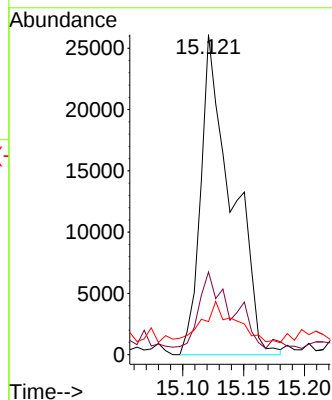
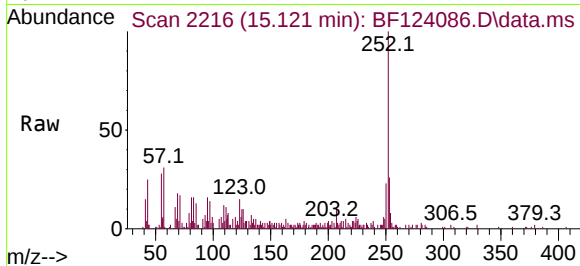




#88
Benzo(b)fluoranthene
Concen: 7.96 ng
RT: 15.121 min Scan# 2216
Delta R.T. 0.006 min
Lab File: BF124086.D
Acq: 27 May 2021 3:10

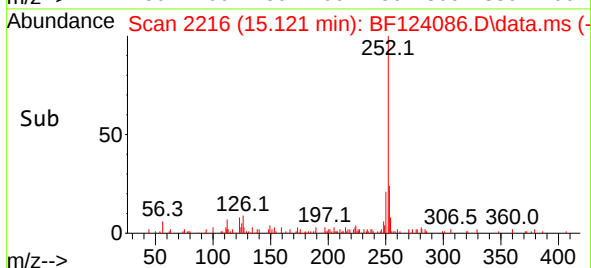
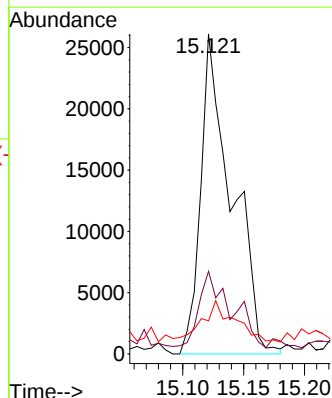
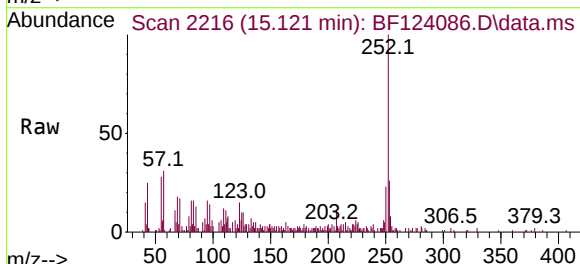
Instrument :
BNA_F
ClientSampled :
26878

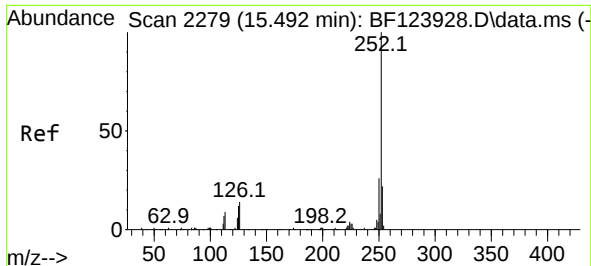
Tgt Ion:252 Resp: 46380
Ion Ratio Lower Upper
252 100
253 25.9 18.1 27.1
125 10.3 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 8.73 ng
RT: 15.121 min Scan# 2216
Delta R.T. -0.029 min
Lab File: BF124086.D
Acq: 27 May 2021 3:10

Tgt Ion:252 Resp: 46380
Ion Ratio Lower Upper
252 100
253 25.9 17.9 26.9
125 10.3 7.0 10.6

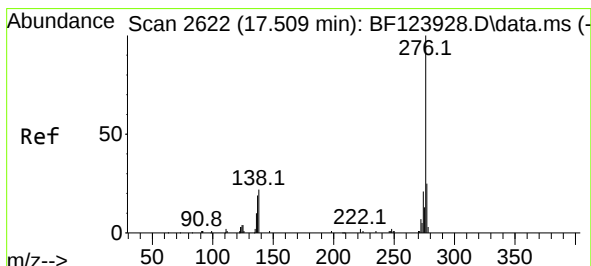
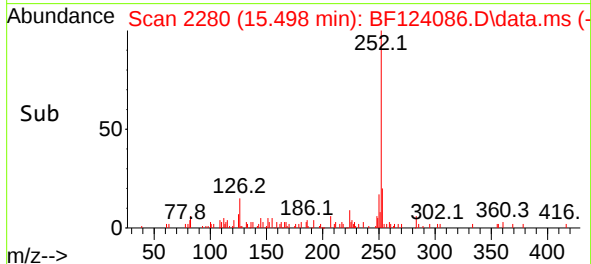
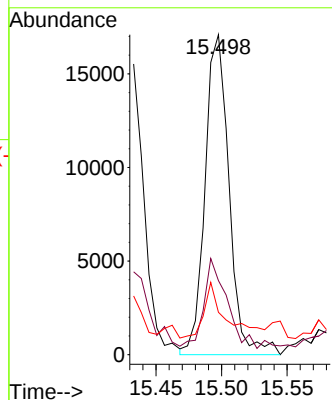
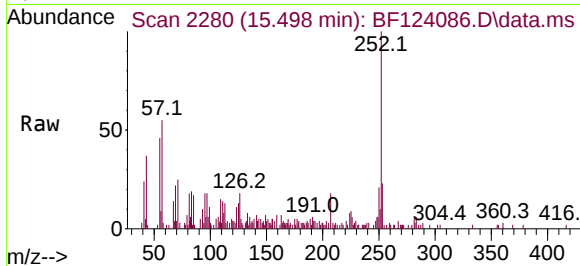




#90
Benzo(a)pyrene
Concen: 4.33 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF124086.D
Acq: 27 May 2021 3:10

Instrument :
BNA_F
ClientSampled :
26878

Tgt Ion:252 Resp: 21797
Ion Ratio Lower Upper
252 100
253 23.1 18.4 27.6
125 13.3 8.0 12.0#



#92
Benzo(g,h,i)perylene
Concen: 2.56 ng
RT: 17.521 min Scan# 2624
Delta R.T. 0.012 min
Lab File: BF124086.D
Acq: 27 May 2021 3:10

Tgt Ion:276 Resp: 12598
Ion Ratio Lower Upper
276 100
277 25.9 18.2 27.2
138 29.3 13.8 20.6#

