

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
 Data File : BF124981.D
 Acq On : 7 Aug 2021 18:58
 Operator : JU/CG
 Sample : M3289-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26498

Quant Time: Aug 08 09:10:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 06 11:27:24 2021
 Response via : Initial Calibration

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

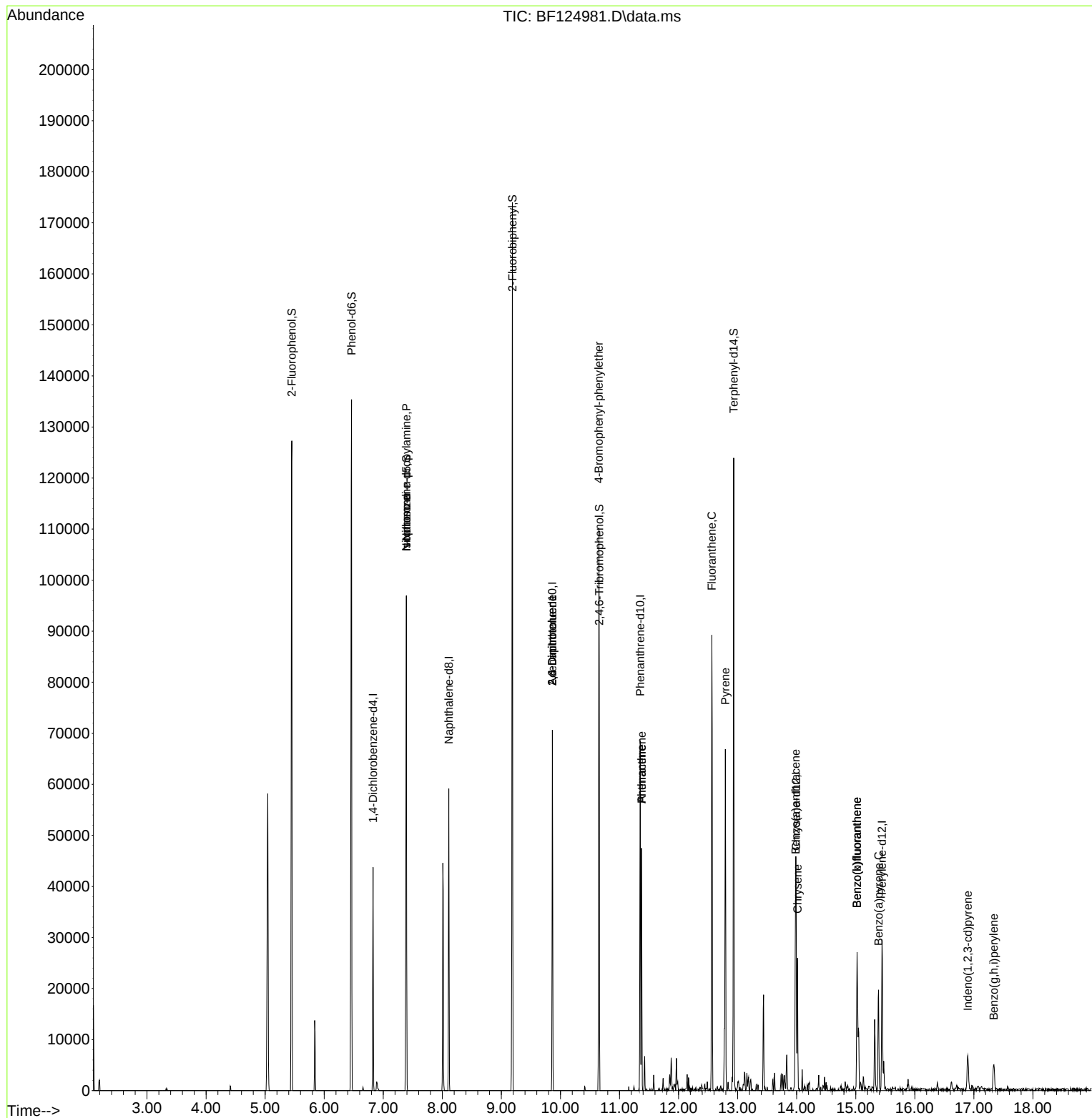
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	5949	20.00	ng	0.00
21) Naphthalene-d8	8.110	136	22657	20.00	ng	# 0.00
39) Acenaphthene-d10	9.863	164	13592	20.00	ng	0.00
64) Phenanthrene-d10	11.351	188	23582	20.00	ng	0.00
76) Chrysene-d12	13.992	240	13290	20.00	ng	# 0.00
86) Perylene-d12	15.445	264	13811	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	35463	97.65	ng	0.00
7) Phenol-d6	6.463	99	43858	95.78	ng	0.00
23) Nitrobenzene-d5	7.392	82	26637	61.50	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	10695	88.07	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	48154	51.84	ng	0.00
79) Terphenyl-d14	12.933	244	38236	48.53	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.392	70	3652	13.44	ng	# 66
25) Isophorone	7.392	82	26636	36.03	ng	# 59
51) 2,6-Dinitrotoluene	9.863	165	1675	8.17	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	1675	6.02	ng	# 18
67) 4-Bromophenyl-phenylether	10.651	248	907	3.51	ng	# 1
71) Phenanthrene	11.374	178	16651	13.02	ng	97
72) Anthracene	11.374	178	16651	12.98	ng	98
75) Fluoranthene	12.563	202	34396	25.99	ng	98
78) Pyrene	12.792	202	27046	25.84	ng	95
81) Benzo(a)anthracene	13.980	228	12570	14.51	ng	97
83) Chrysene	14.015	228	11217	13.40	ng	97
87) Indeno(1,2,3-cd)pyrene	16.898	276	5817	7.07	ng	# 87
88) Benzo(b)fluoranthene	15.021	252	20539	21.18	ng	98
89) Benzo(k)fluoranthene	15.021	252	20539	23.28	ng	# 97
90) Benzo(a)pyrene	15.386	252	10084	12.21	ng	# 97
92) Benzo(g,h,i)perylene	17.339	276	4990	7.19	ng	# 81

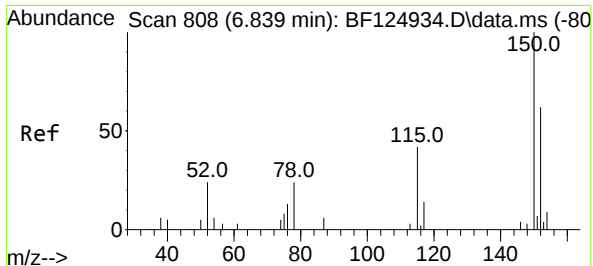
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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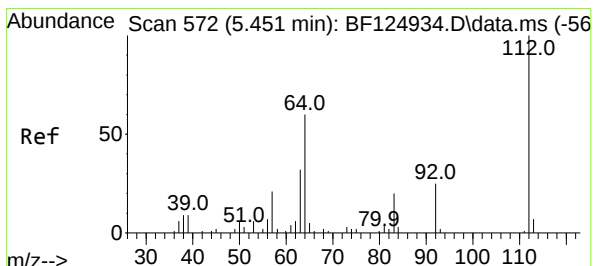
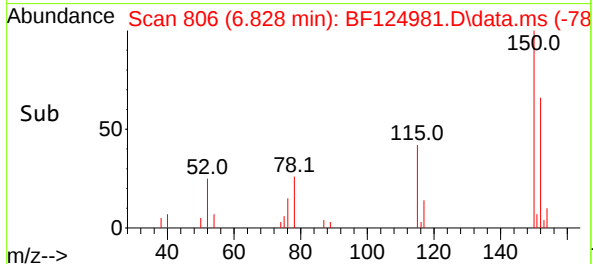
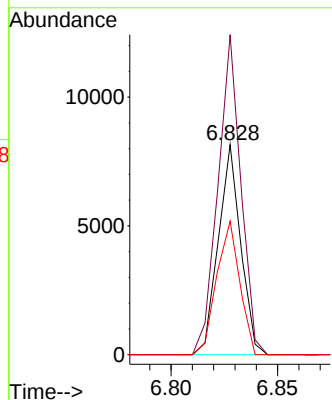
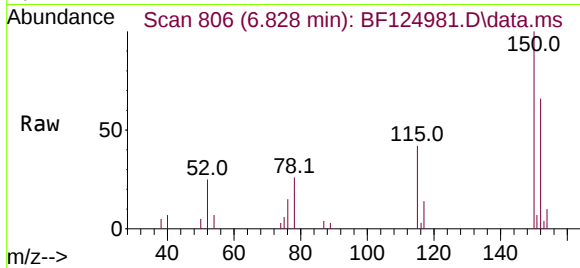




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

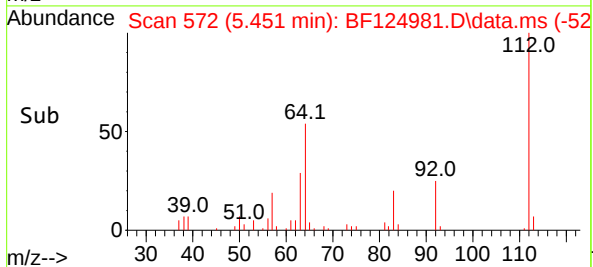
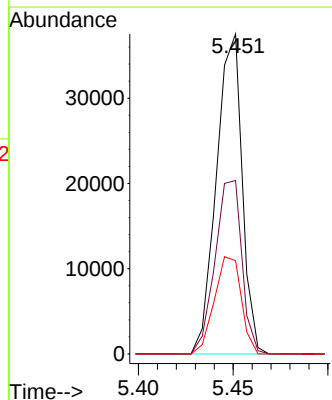
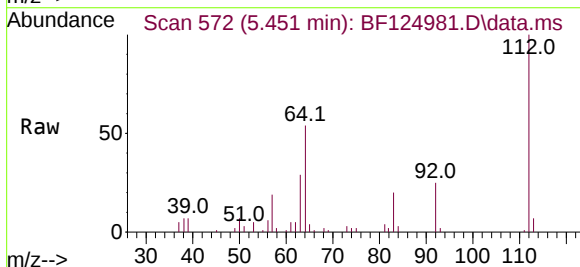
Instrument :
BNA_F
ClientSampled :
26498

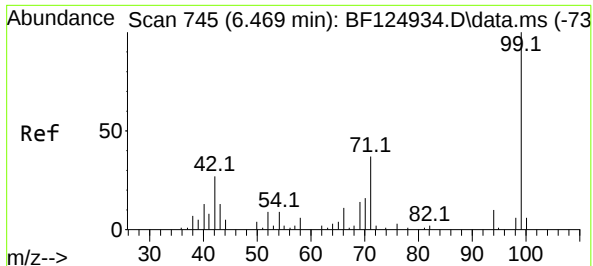
Tgt Ion:152 Resp: 5949
Ion Ratio Lower Upper
152 100
150 152.3 117.6 176.4
115 63.5 47.1 70.7



#5
2-Fluorophenol
Concen: 97.65 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.006 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

Tgt Ion:112 Resp: 35463
Ion Ratio Lower Upper
112 100
64 54.2 44.2 66.2
63 29.1 26.2 39.2

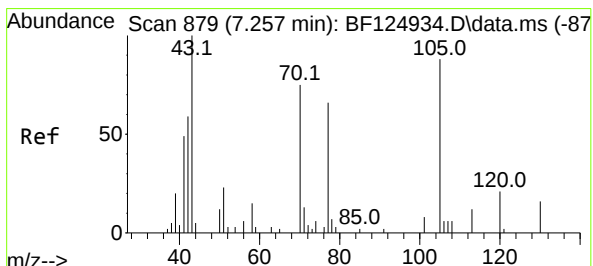
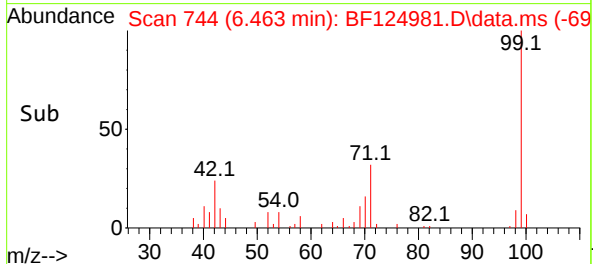
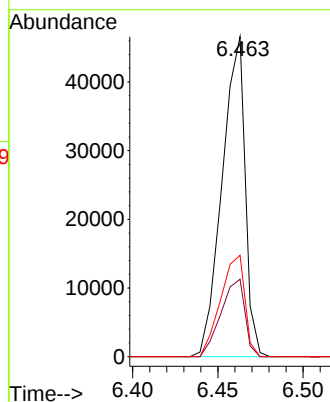
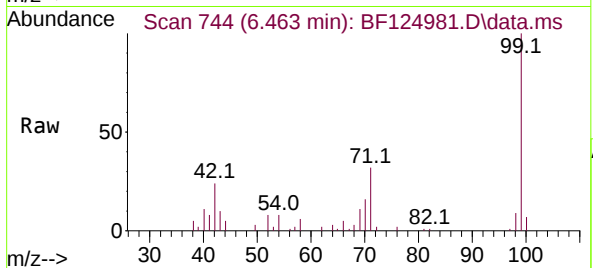




#7
Phenol-d6
Concen: 95.78 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

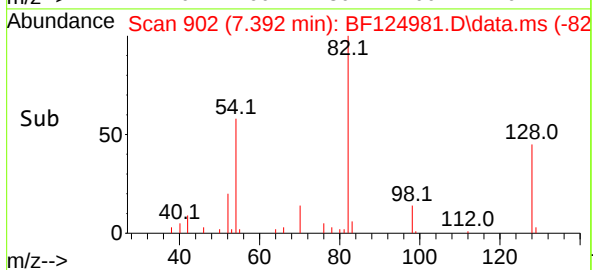
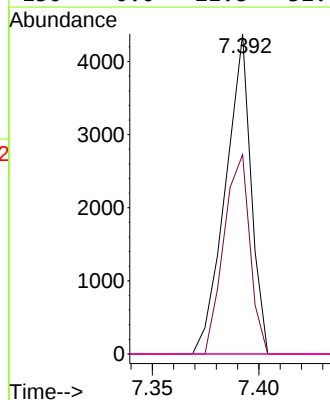
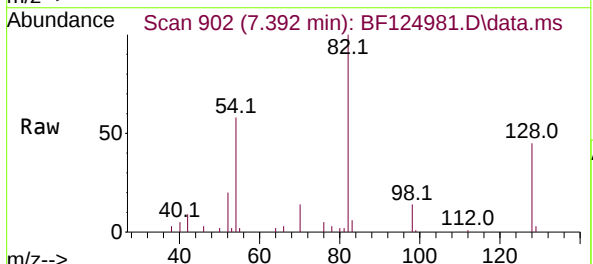
Instrument :
BNA_F
ClientSampled :
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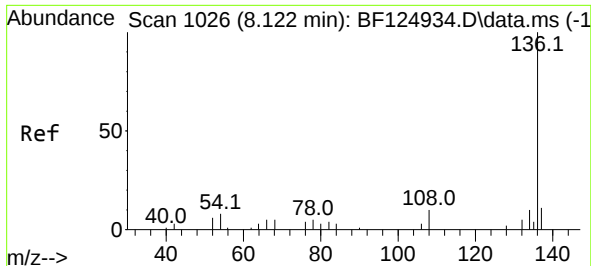
Tgt Ion: 99 Resp: 43858
Ion Ratio Lower Upper
99 100
42 24.2 23.5 35.3
71 31.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.44 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.147 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

Tgt Ion: 70 Resp: 3652
Ion Ratio Lower Upper
70 100
42 62.3 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

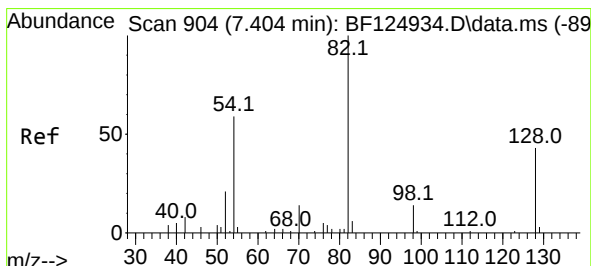
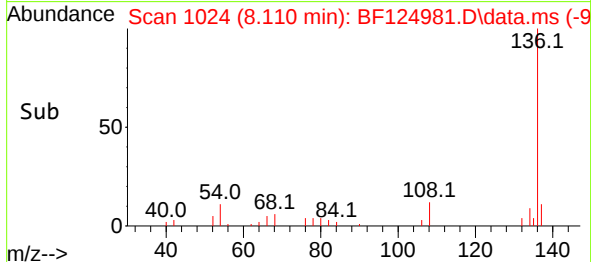
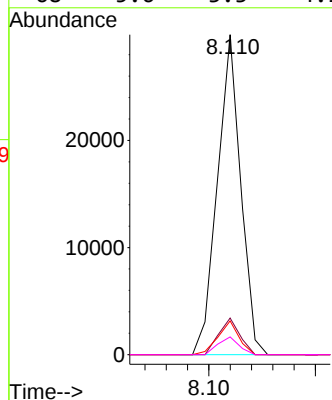
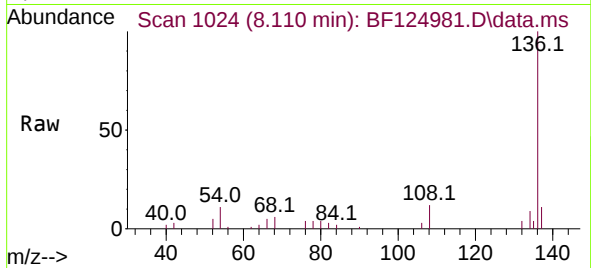




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

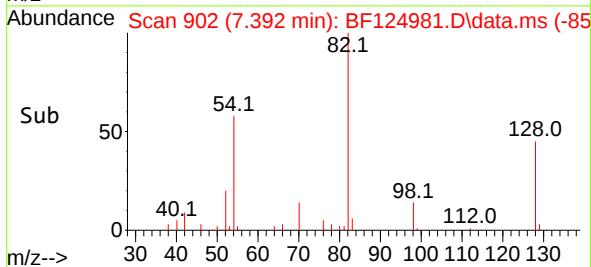
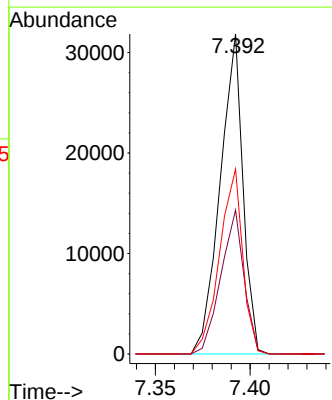
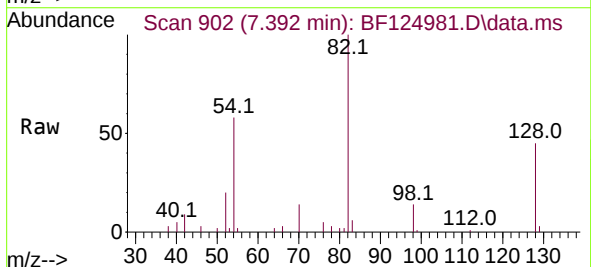
Instrument :
BNA_F
ClientSampleId :
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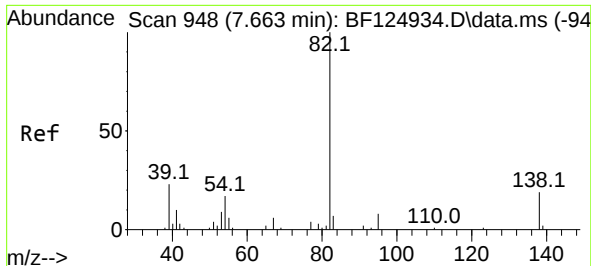
Tgt Ion:136	Resp:	22657
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.8 14.6
54	10.5	6.4 9.6#
68	5.6	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 61.50 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

Tgt Ion: 82	Resp:	26637
Ion Ratio	Lower	Upper
82	100	
128	45.0	40.6 60.8
54	57.8	49.6 74.4

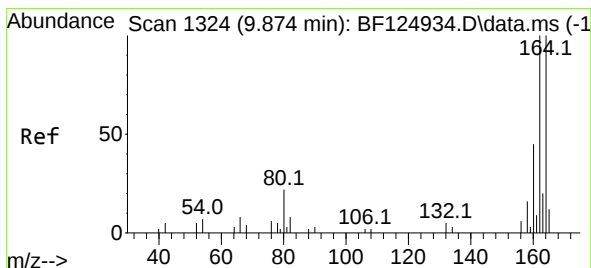
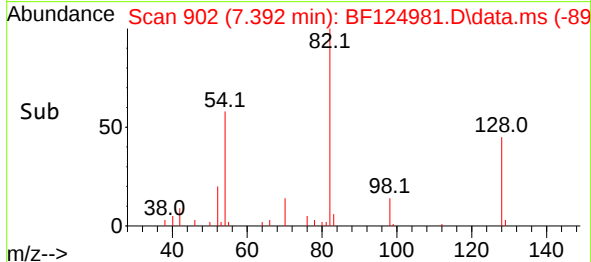
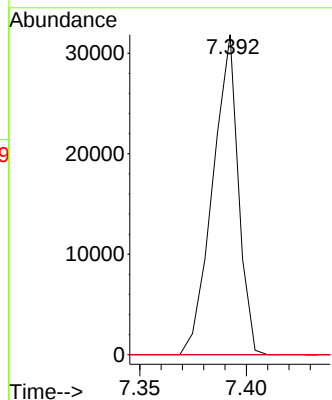
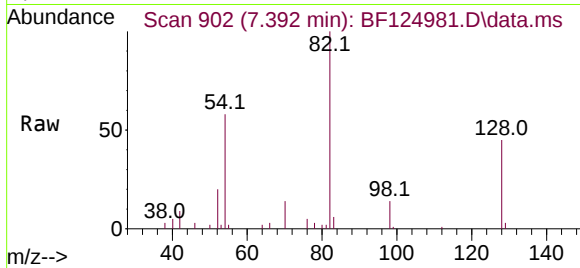




#25
Isophorone
Concen: 36.03 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.265 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

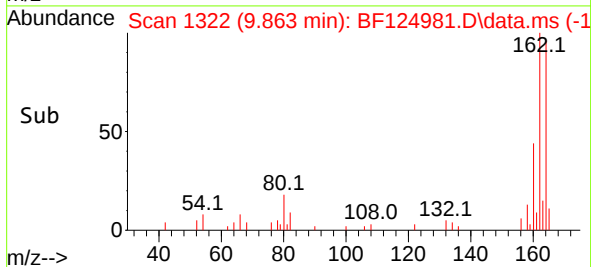
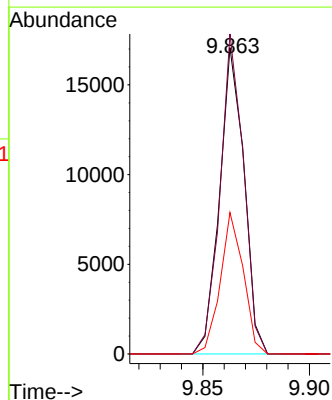
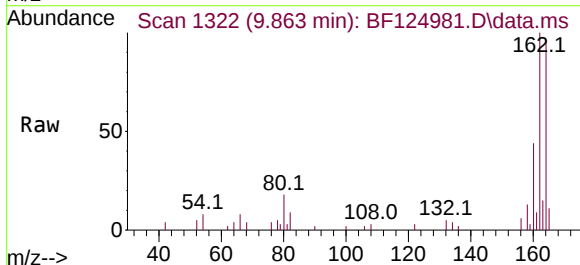
Instrument :
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ClientSampleId :
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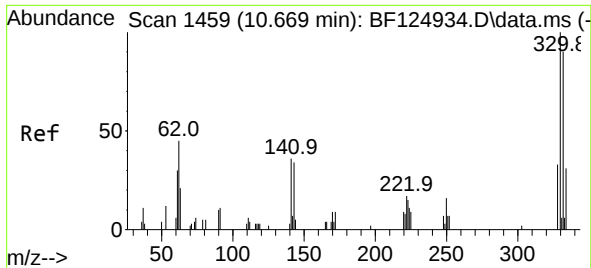
Tgt Ion: 82 Resp: 26636
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

Tgt Ion:164 Resp: 13592
Ion Ratio Lower Upper
164 100
162 104.4 81.3 121.9
160 46.2 38.0 57.0

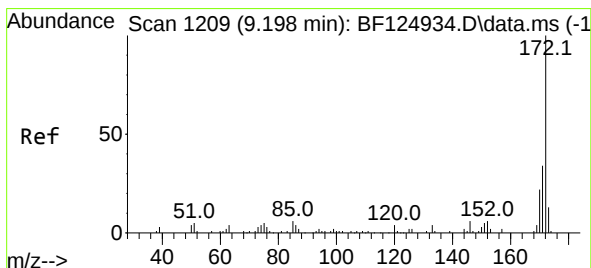
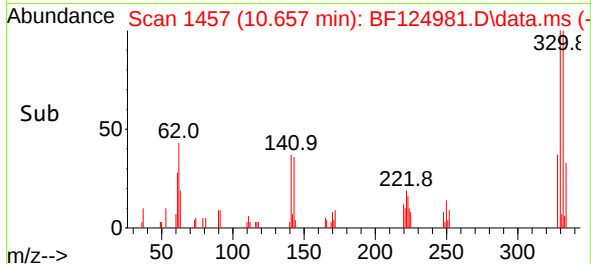
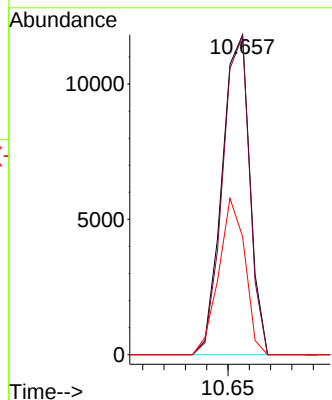
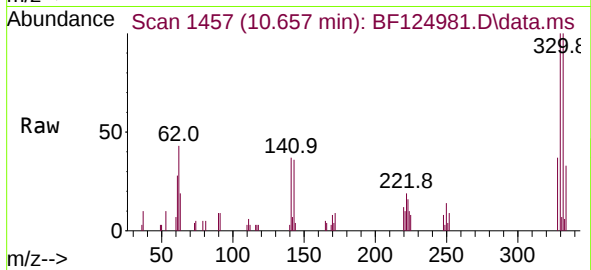




#42
2,4,6-Tribromophenol
Concen: 88.07 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

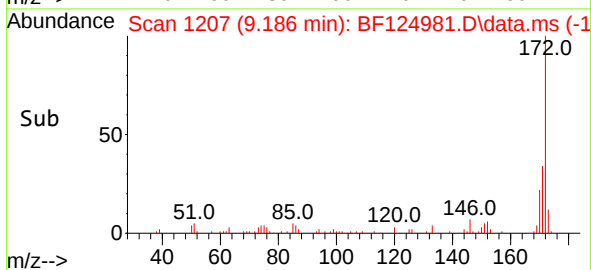
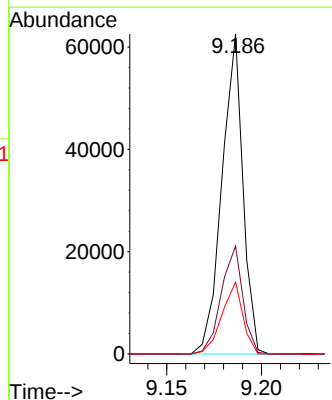
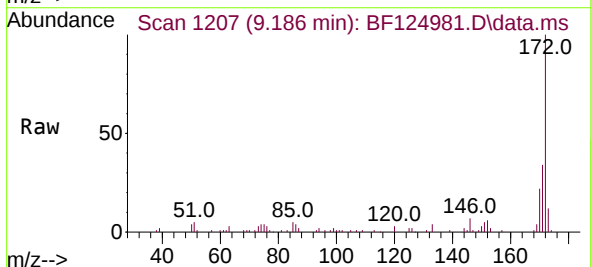
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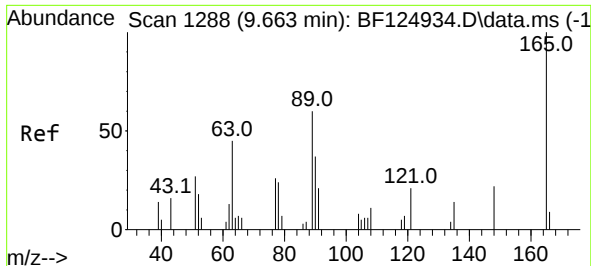
Tgt Ion:330 Resp: 10695
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 46.3 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 51.84 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

Tgt Ion:172 Resp: 48154
Ion Ratio Lower Upper
172 100
171 33.8 26.5 39.7
170 22.4 18.8 28.2

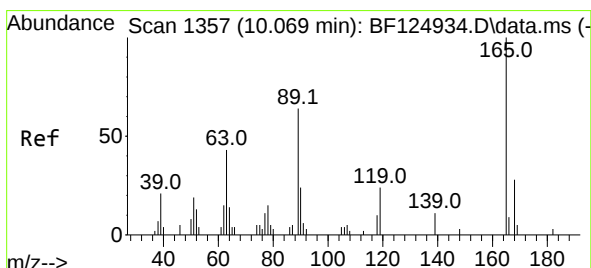
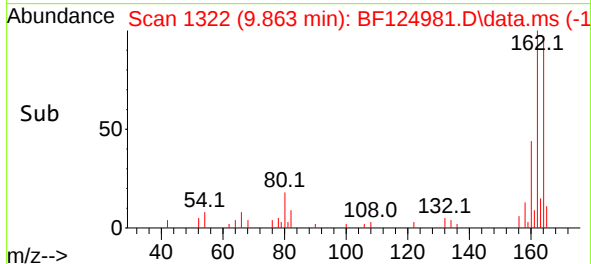
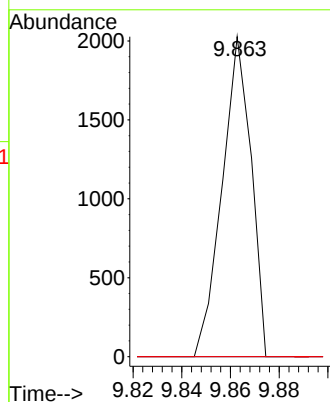
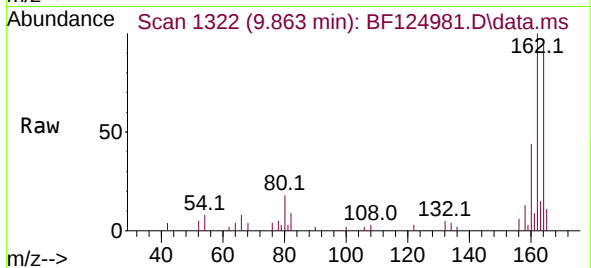




#51
2,6-Dinitrotoluene
Concen: 8.17 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.206 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

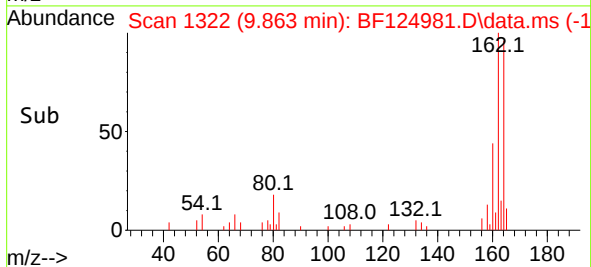
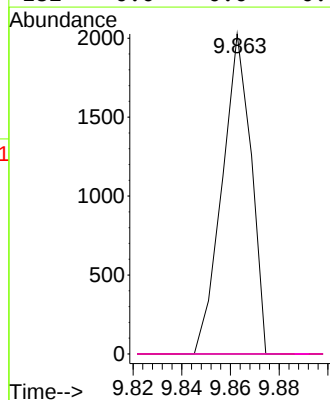
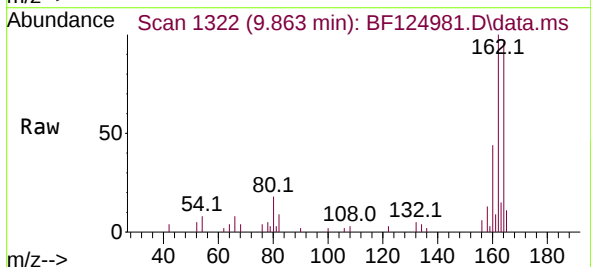
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ClientSampled :
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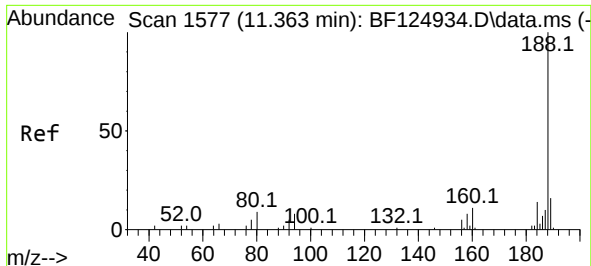
Tgt Ion:165 Resp: 1675
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.02 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.194 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

Tgt Ion:165 Resp: 1675
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

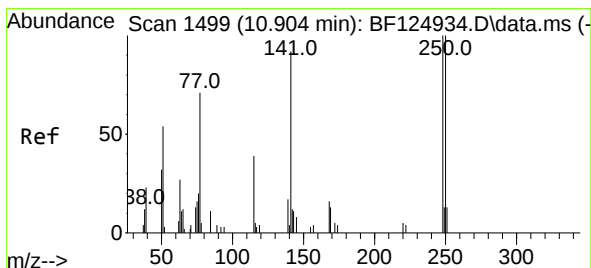
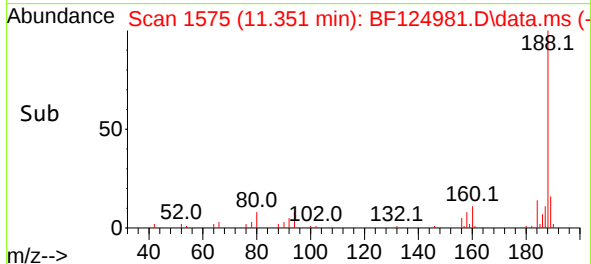
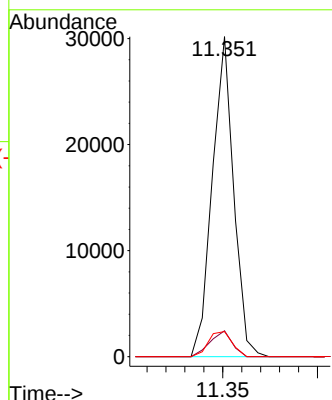
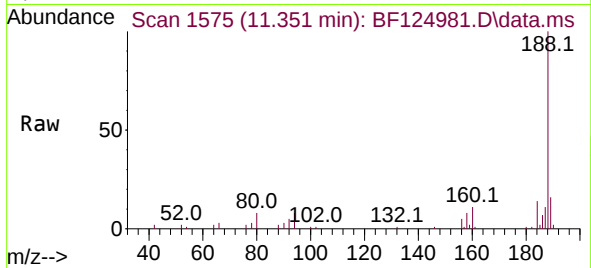




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

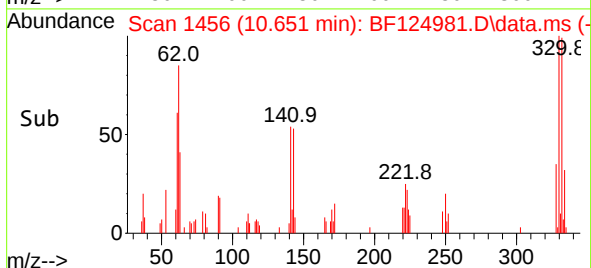
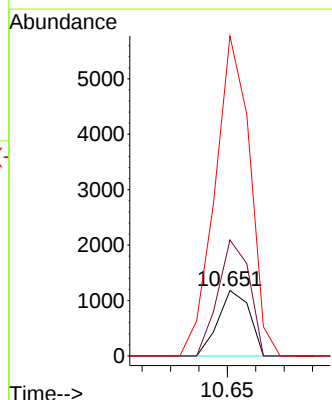
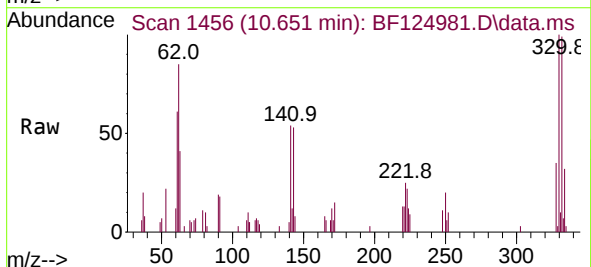
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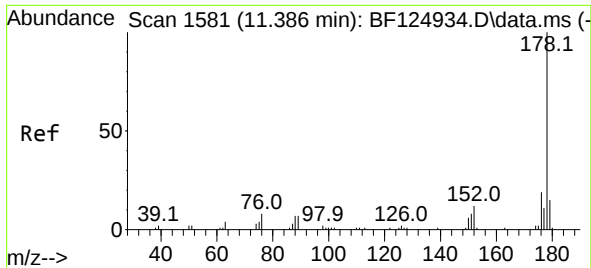
Tgt Ion:188 Resp: 23582
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 7.9 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.51 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.247 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

Tgt Ion:248 Resp: 907
Ion Ratio Lower Upper
248 100
250 177.1 74.2 111.4#
141 488.4 60.4 90.6#

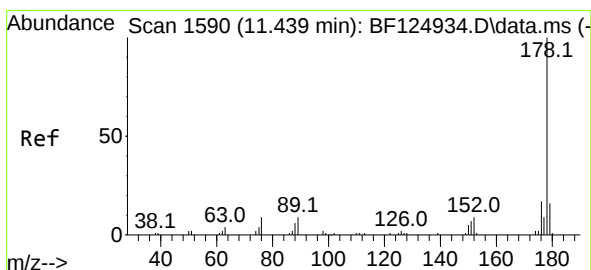
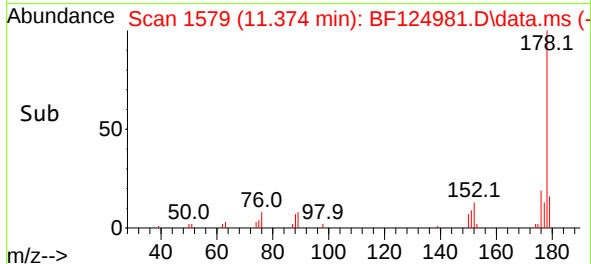
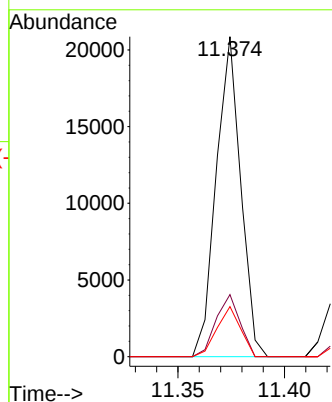
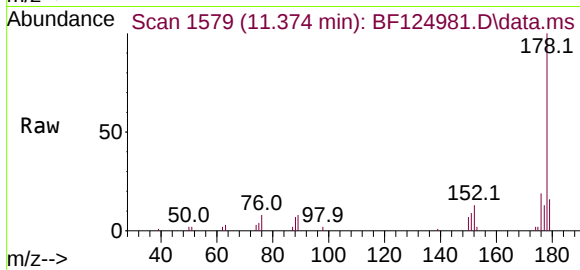




#71
Phenanthrene
Concen: 13.02 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

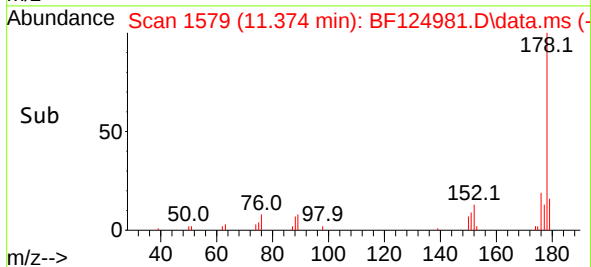
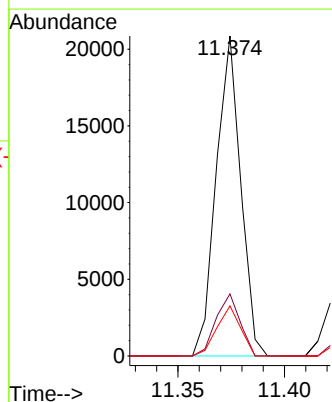
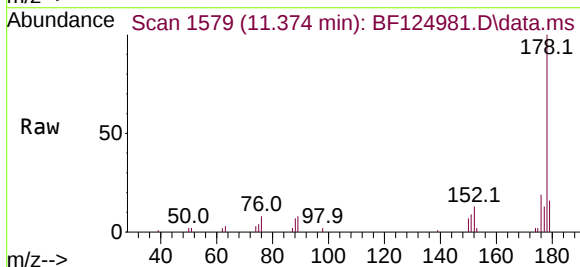
Instrument :
BNA_F
ClientSampleId :
26498

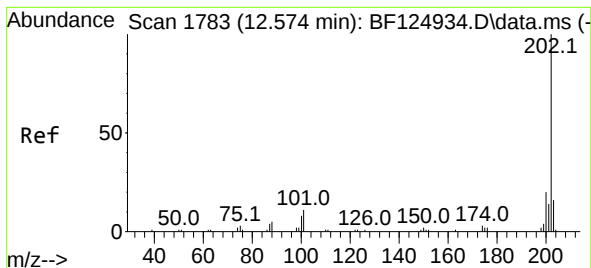
Tgt Ion:178 Resp: 16651
Ion Ratio Lower Upper
178 100
176 19.4 14.7 22.1
179 15.6 11.5 17.3



#72
Anthracene
Concen: 12.98 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.059 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

Tgt Ion:178 Resp: 16651
Ion Ratio Lower Upper
178 100
176 19.4 14.3 21.5
179 15.6 12.2 18.4

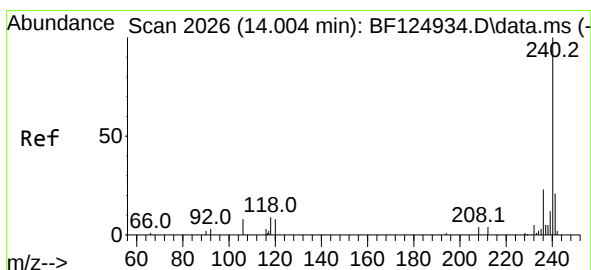
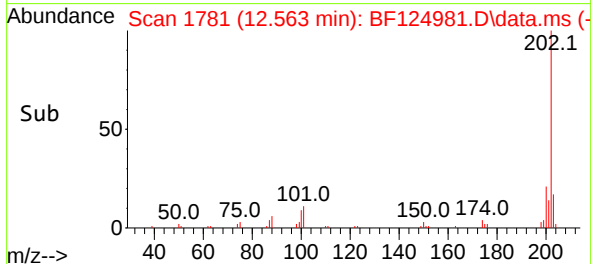
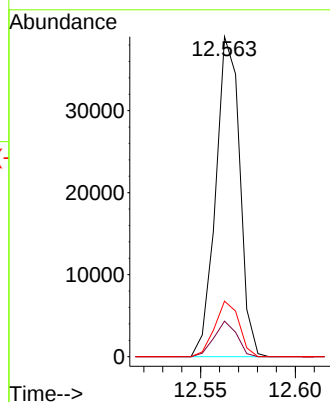
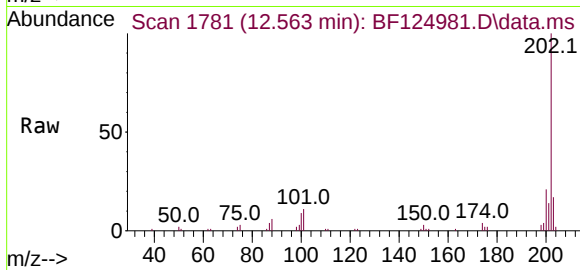




#75
Fluoranthene
Concen: 25.99 ng
RT: 12.563 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

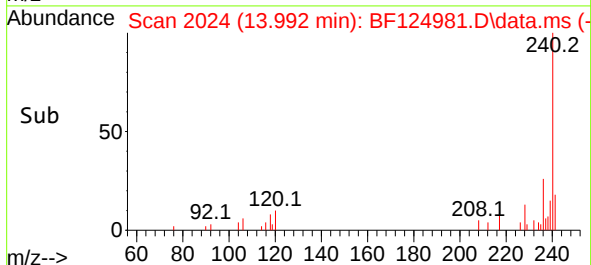
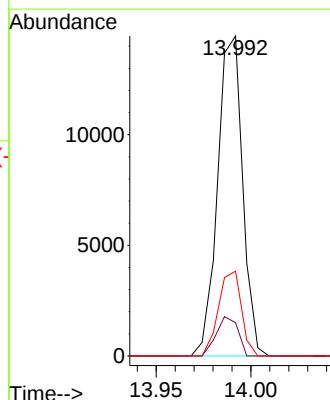
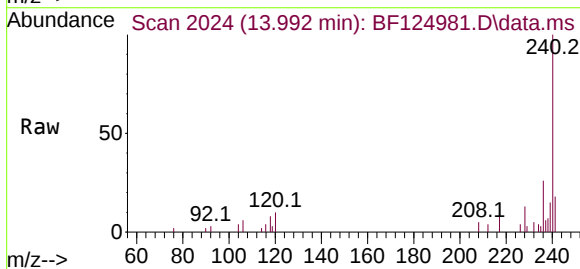
Instrument :
BNA_F
ClientSampleId :
26498

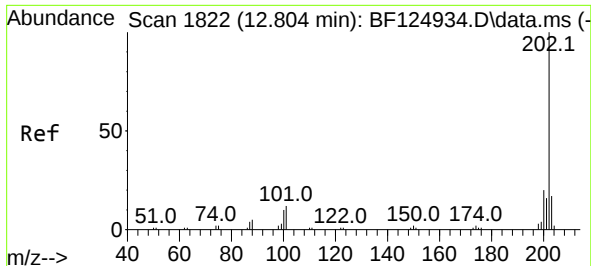
Tgt Ion:202	Resp:	34396
Ion Ratio	Lower	Upper
202	100	
101	11.1	0.0 30.7
203	17.4	0.0 36.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

Tgt Ion:240	Resp:	13290
Ion Ratio	Lower	Upper
240	100	
120	10.4	10.8 16.2#
236	26.5	21.6 32.4

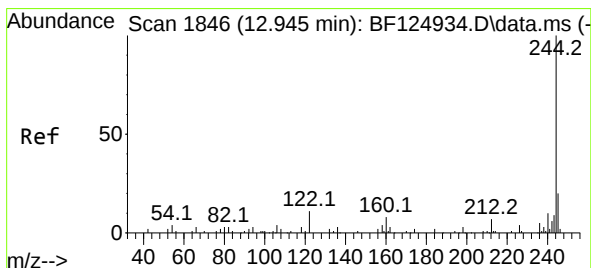
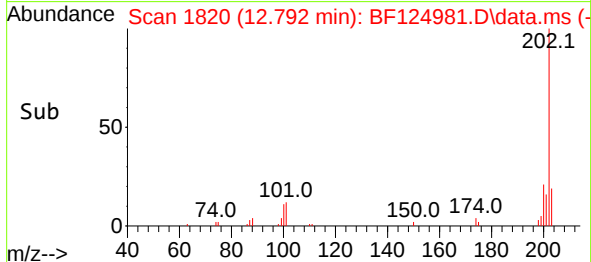
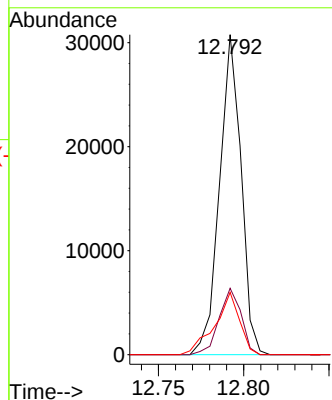
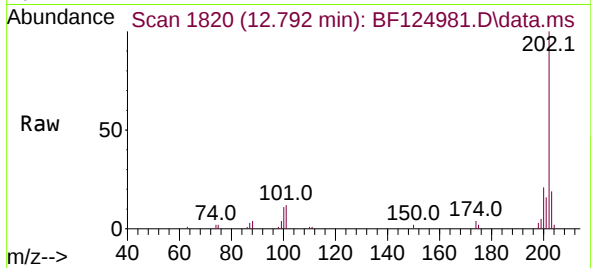




#78
Pyrene
Concen: 25.84 ng
RT: 12.792 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

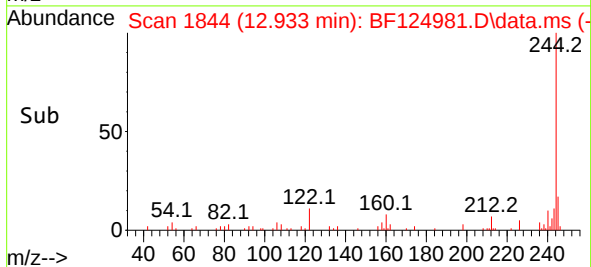
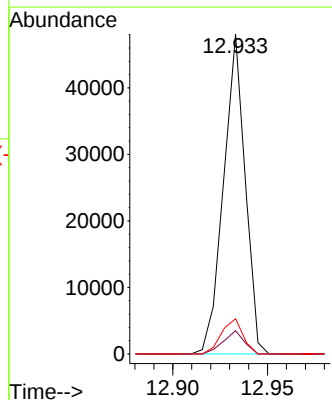
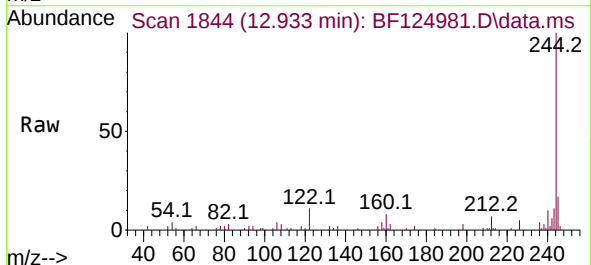
Instrument :
BNA_F
ClientSampled :
26498

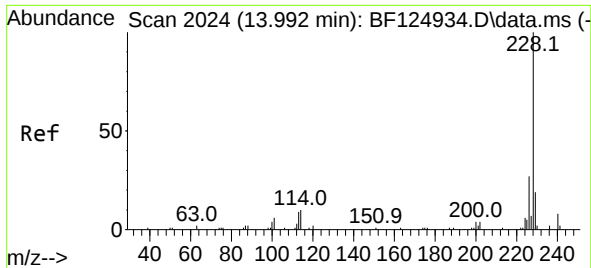
Tgt Ion:202 Resp: 27046
Ion Ratio Lower Upper
202 100
200 20.8 15.3 22.9
203 19.5 13.4 20.0



#79
Terphenyl-d14
Concen: 48.53 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

Tgt Ion:244 Resp: 38236
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 11.0 9.0 13.4

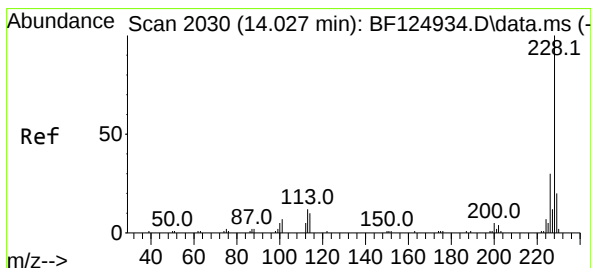
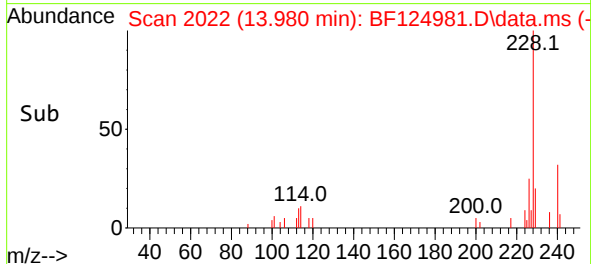
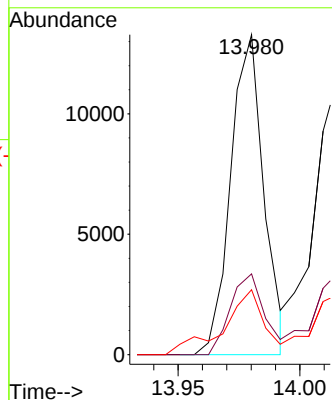
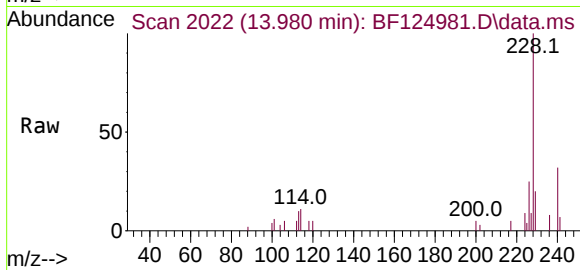




#81
Benzo(a)anthracene
Concen: 14.51 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

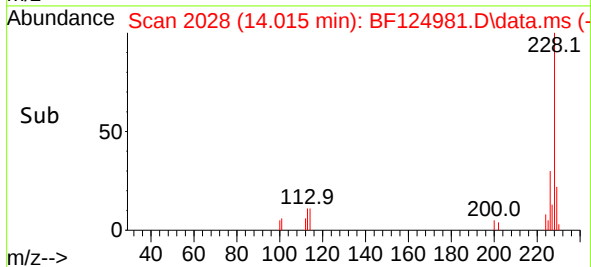
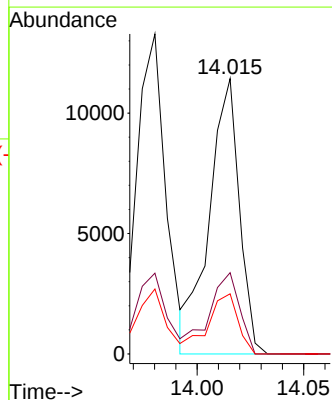
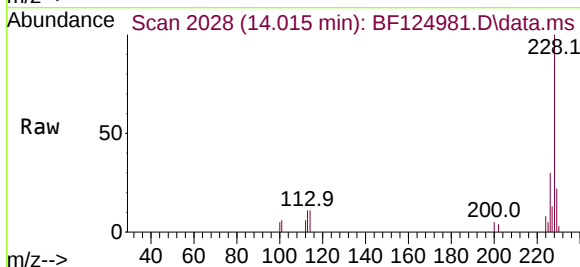
Instrument :
BNA_F
ClientSampled :
26498

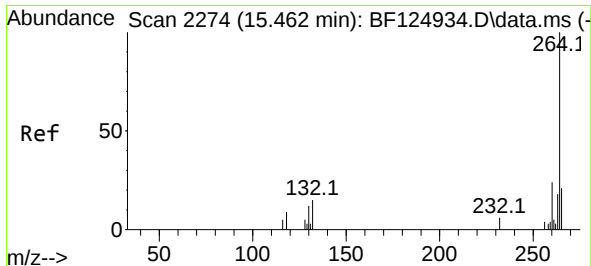
Tgt Ion:228 Resp: 12570
Ion Ratio Lower Upper
228 100
226 25.2 21.6 32.4
229 20.3 15.6 23.4



#83
Chrysene
Concen: 13.40 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

Tgt Ion:228 Resp: 11217
Ion Ratio Lower Upper
228 100
226 29.5 22.6 34.0
229 21.8 15.9 23.9

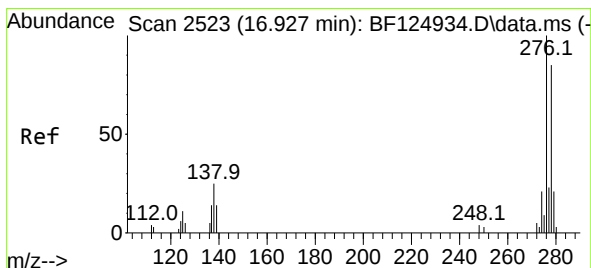
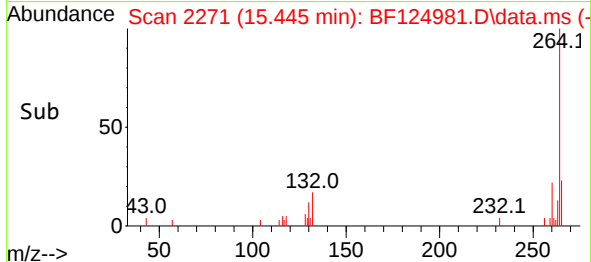
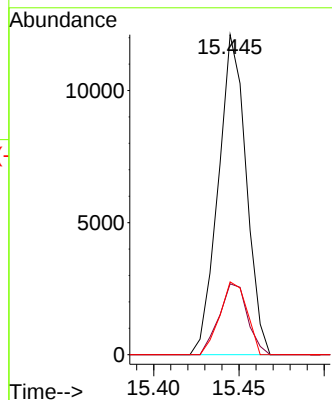
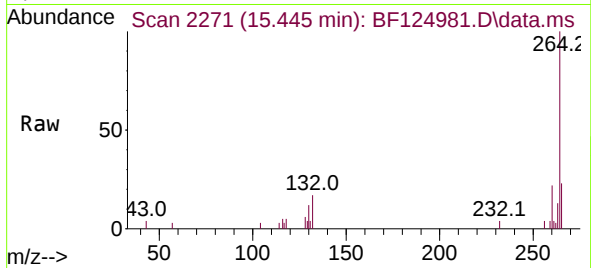




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

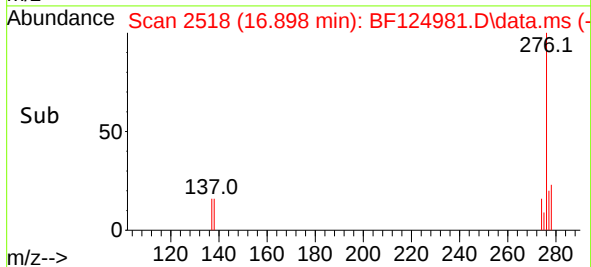
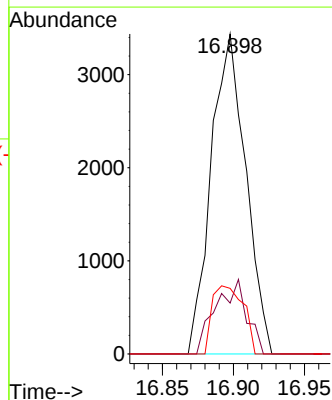
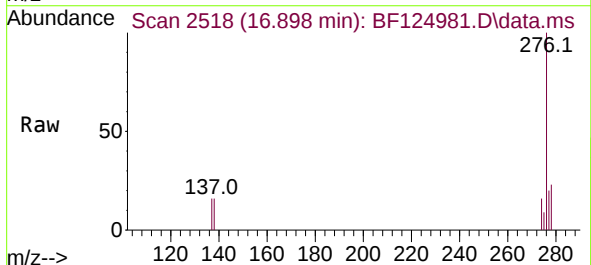
Instrument :
BNA_F
ClientSampleID :
26498

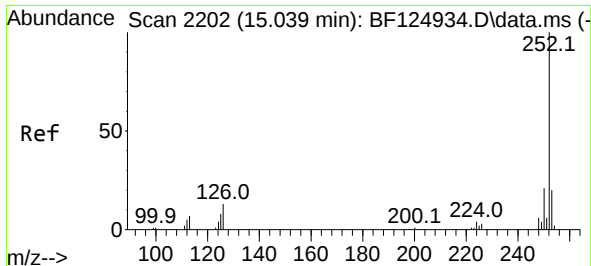
Tgt Ion:264 Resp: 13811
Ion Ratio Lower Upper
264 100
260 22.2 19.6 29.4
265 22.8 17.2 25.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 7.07 ng
RT: 16.898 min Scan# 2518
Delta R.T. -0.006 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

Tgt Ion:276 Resp: 5817
Ion Ratio Lower Upper
276 100
138 20.9 24.1 36.1#
277 19.2 18.8 28.2

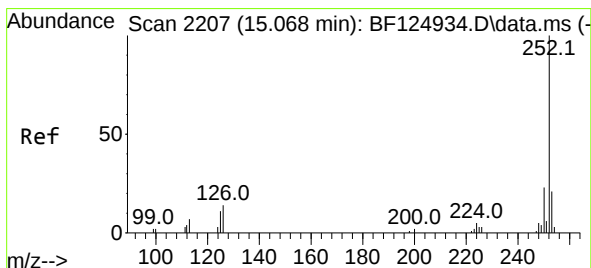
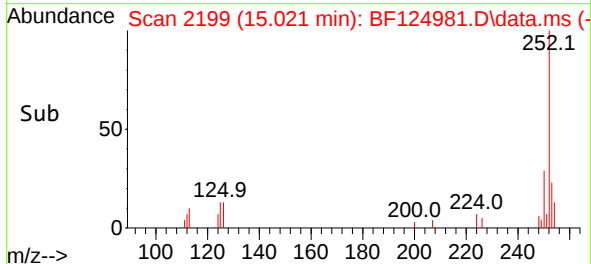
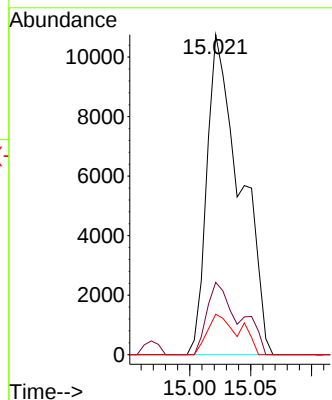
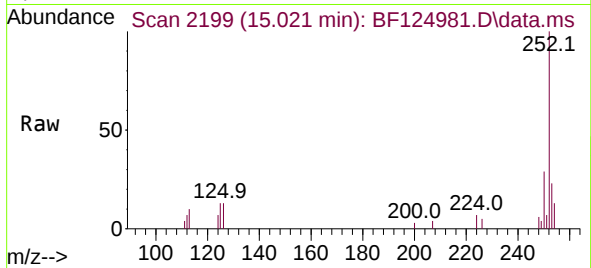




#88
Benzo(b)fluoranthene
Concen: 21.18 ng
RT: 15.021 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

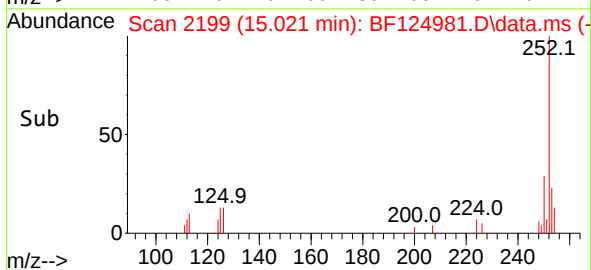
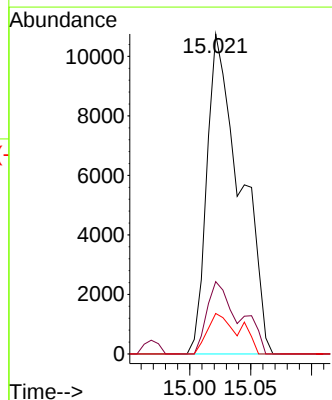
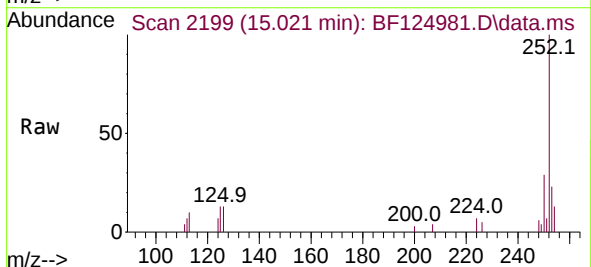
Instrument :
BNA_F
ClientSampleId :
26498

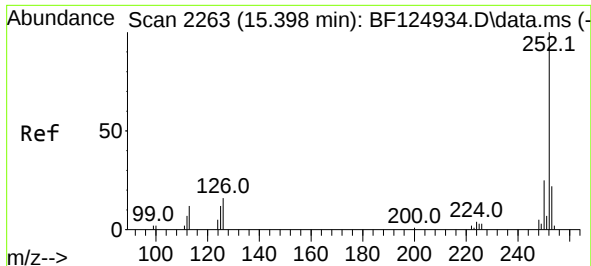
Tgt Ion:252 Resp: 20539
Ion Ratio Lower Upper
252 100
253 22.6 16.8 25.2
125 12.6 9.8 14.8



#89
Benzo(k)fluoranthene
Concen: 23.28 ng
RT: 15.021 min Scan# 2199
Delta R.T. -0.029 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

Tgt Ion:252 Resp: 20539
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 12.6 7.2 10.8#

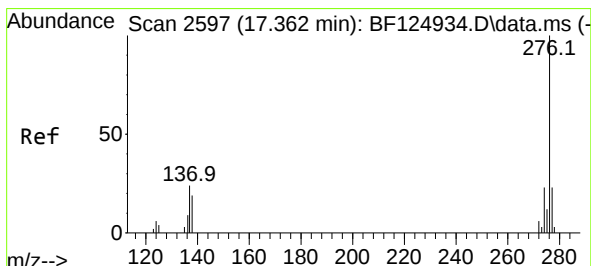
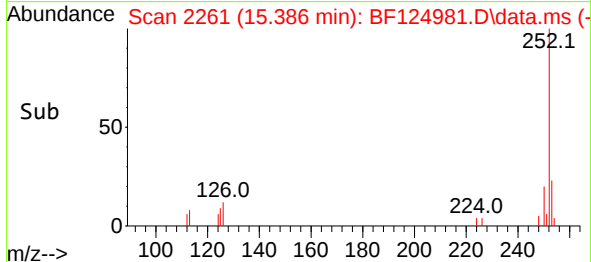
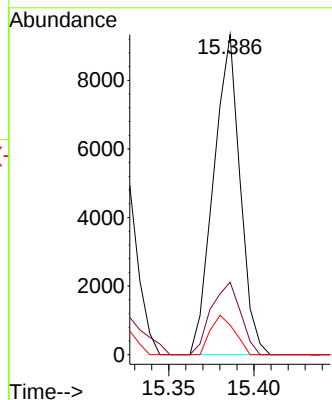
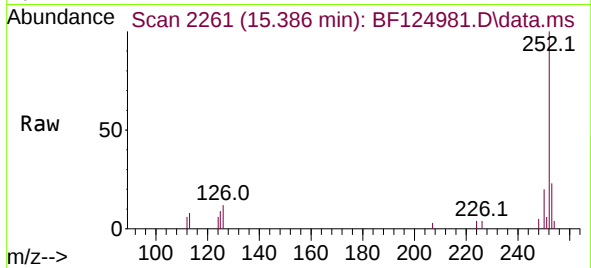




#90
Benzo(a)pyrene
Concen: 12.21 ng
RT: 15.386 min Scan# 2261
Delta R.T. 0.000 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

Instrument :
BNA_F
ClientSampleId :
26498

Tgt Ion:252 Resp: 10084
Ion Ratio Lower Upper
252 100
253 22.6 18.4 27.6
125 9.3 9.9 14.9#



#92
Benzo(g,h,i)perylene
Concen: 7.19 ng
RT: 17.339 min Scan# 2593
Delta R.T. 0.000 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

Tgt Ion:276 Resp: 4990
Ion Ratio Lower Upper
276 100
277 20.1 22.0 33.0#
138 15.4 22.2 33.4#

