

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
 Data File : BF124980.D
 Acq On : 7 Aug 2021 18:25
 Operator : JU/CG
 Sample : M3289-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 25082

Quant Time: Aug 08 09:10:14 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)

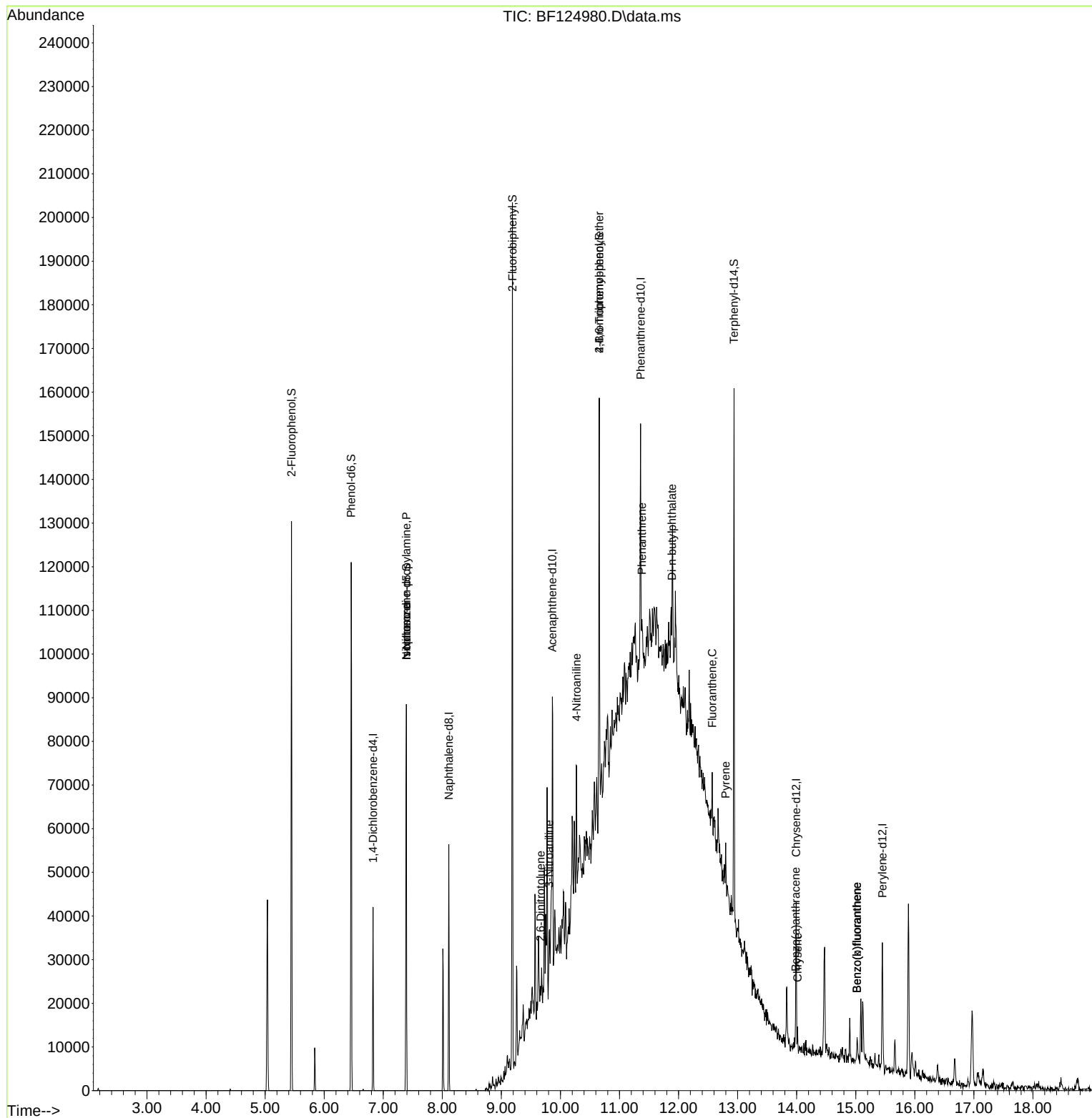
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	5496	20.00	ng	0.00
21) Naphthalene-d8	8.110	136	21721	20.00	ng	# 0.00
39) Acenaphthene-d10	9.863	164	11585	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	16530	20.00	ng	# 0.00
76) Chrysene-d12	13.992	240	11073	20.00	ng	# 0.00
86) Perylene-d12	15.451	264	12917	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	31234	93.09	ng	0.00
7) Phenol-d6	6.457	99	38442	90.87	ng	0.00
23) Nitrobenzene-d5	7.392	82	24207	58.30	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	8261	79.82	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	49044	61.94	ng	0.00
79) Terphenyl-d14	12.939	244	34074	51.91	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.392	70	3452	13.75	ng	# 57
25) Isophorone	7.392	82	24206	34.16	ng	# 59
51) 2,6-Dinitrotoluene	9.663	165	638	3.65	ng	# 26
53) 3-Nitroaniline	9.810	138	448	2.43	ng	# 1
62) 4-Nitroaniline	10.274	138	366	2.05	ng	88
67) 4-Bromophenyl-phenylether	10.657	248	689	3.81	ng	# 1
71) Phenanthrene	11.380	178	2508	2.80	ng	# 67
74) Di-n-butylphthalate	11.886	149	2436	2.32	ng	# 55
75) Fluoranthene	12.568	202	4646	5.01	ng	90
78) Pyrene	12.798	202	3503	4.02	ng	# 81
81) Benzo(a)anthracene	13.980	228	1504	2.08	ng	# 90
83) Chrysene	14.015	228	1913	2.74	ng	# 85
88) Benzo(b)fluoranthene	15.021	252	4540	5.01	ng	# 88
89) Benzo(k)fluoranthene	15.021	252	4540	5.50	ng	# 85

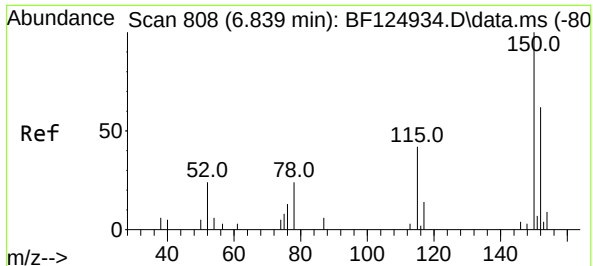
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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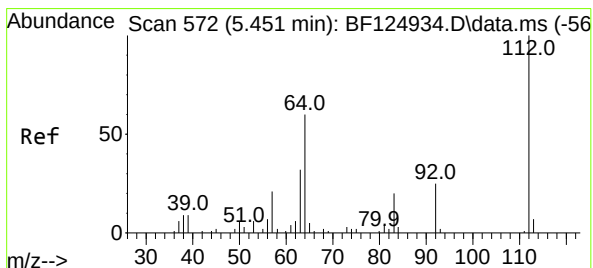
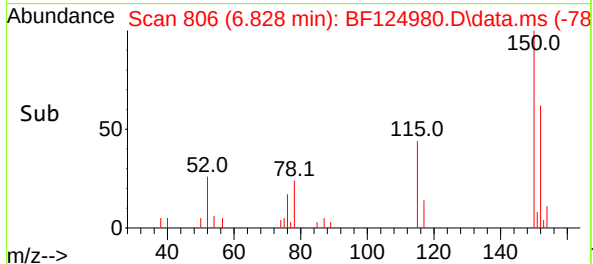
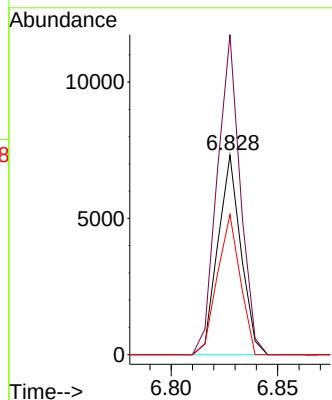
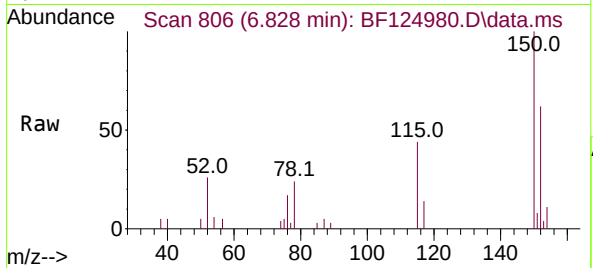




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

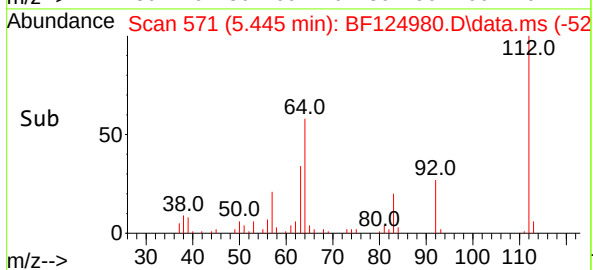
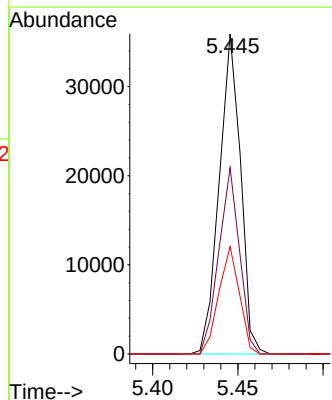
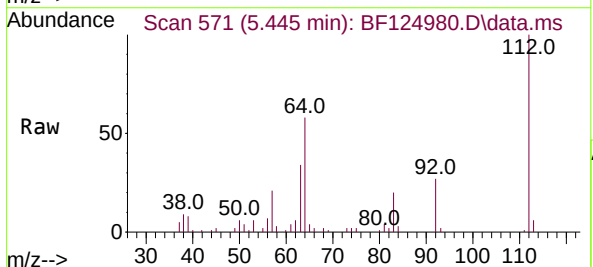
Instrument :
BNA_F
ClientSampleId :
25082

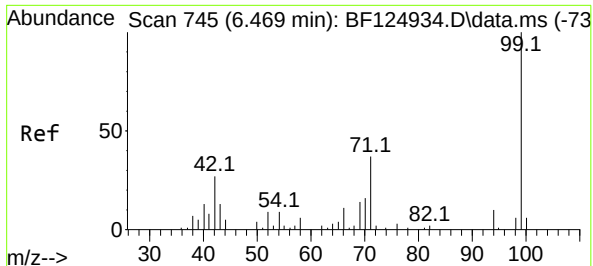
Tgt Ion:152 Resp: 5496
Ion Ratio Lower Upper
152 100
150 160.4 117.6 176.4
115 70.3 47.1 70.7



#5
2-Fluorophenol
Concen: 93.09 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

Tgt Ion:112 Resp: 31234
Ion Ratio Lower Upper
112 100
64 58.3 44.2 66.2
63 33.5 26.2 39.2

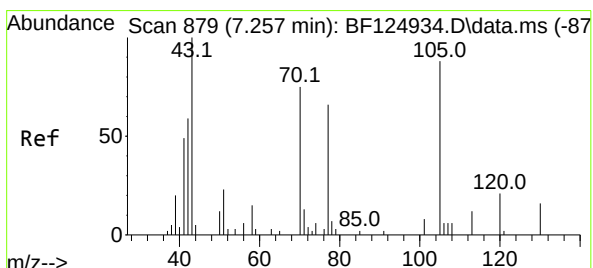
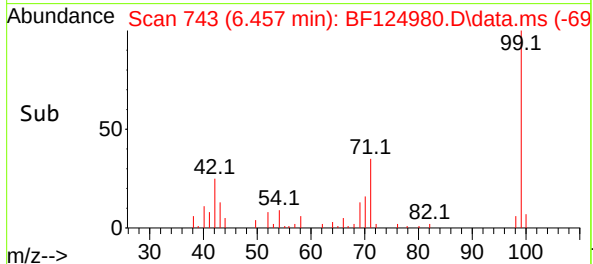
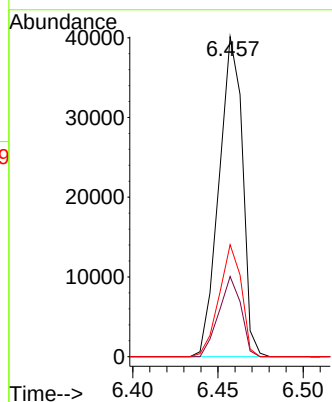
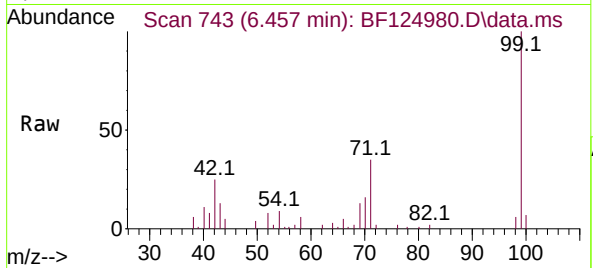




#7
Phenol-d6
Concen: 90.87 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

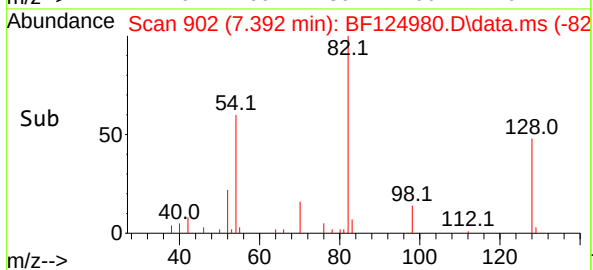
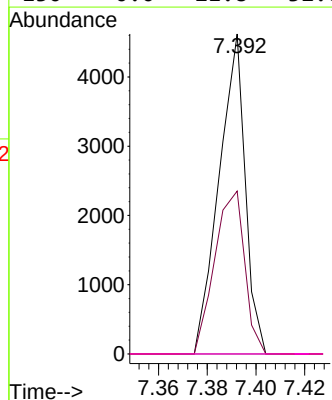
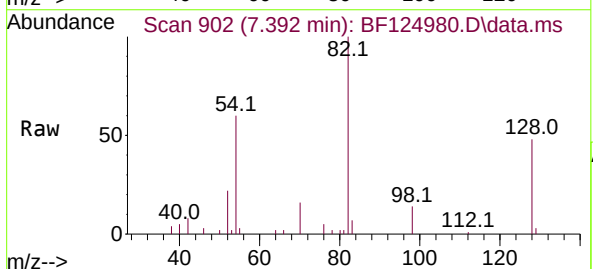
Instrument :
BNA_F
ClientSampleId :
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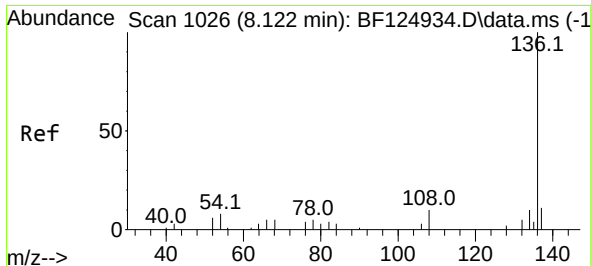
Tgt Ion: 99 Resp: 38442
Ion Ratio Lower Upper
99 100
42 25.1 23.5 35.3
71 35.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.75 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.147 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

Tgt Ion: 70 Resp: 3452
Ion Ratio Lower Upper
70 100
42 50.9 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

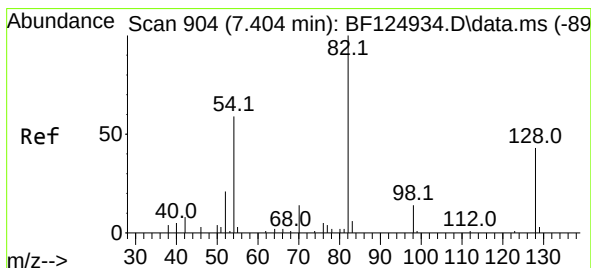
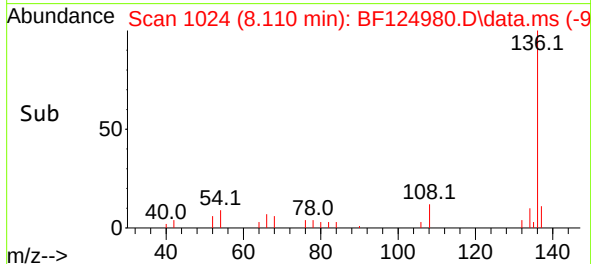
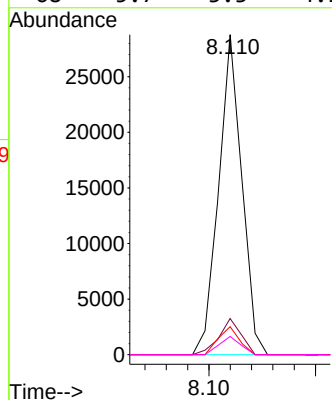
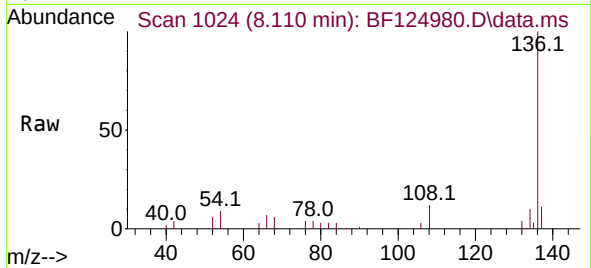




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

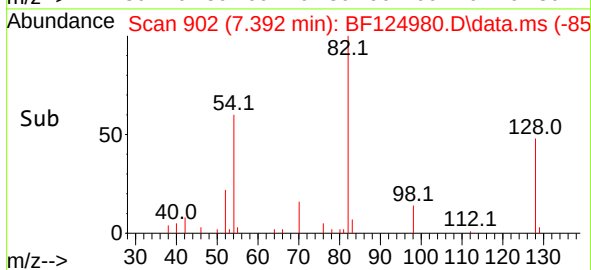
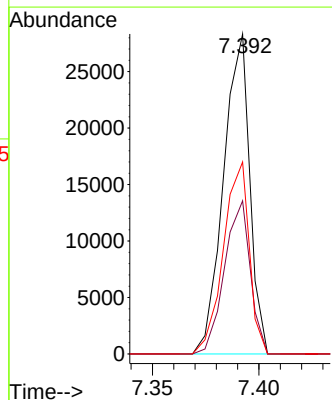
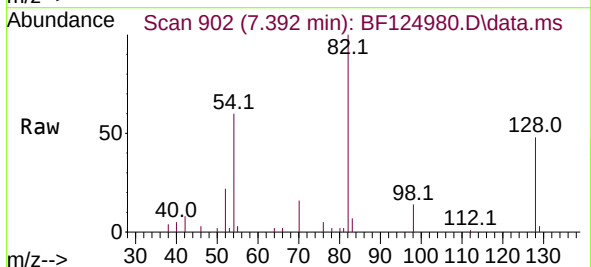
Instrument :
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ClientSampleId :
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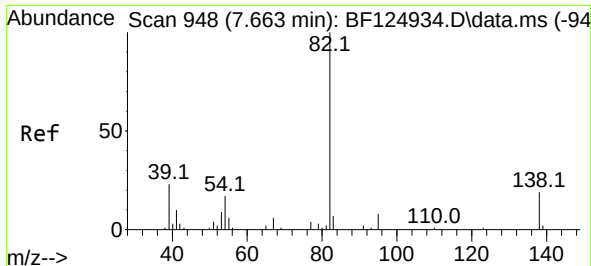
Tgt Ion:136	Resp: 21721
Ion Ratio	Lower Upper
136 100	
137 11.3	9.8 14.6
54 8.7	6.4 9.6
68 5.7	3.3 4.9



#23
Nitrobenzene-d5
Concen: 58.30 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

Tgt Ion: 82	Resp: 24207
Ion Ratio	Lower Upper
82 100	
128 47.9	40.6 60.8
54 60.0	49.6 74.4

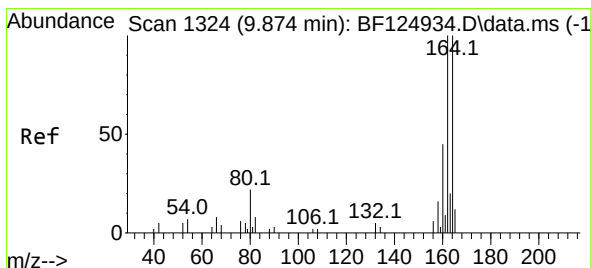
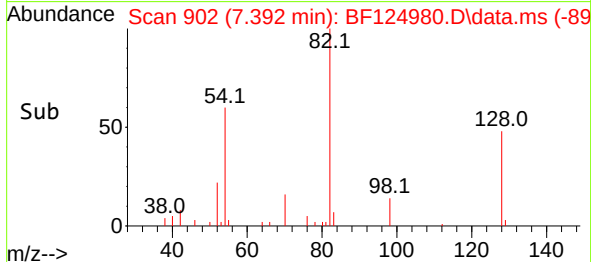
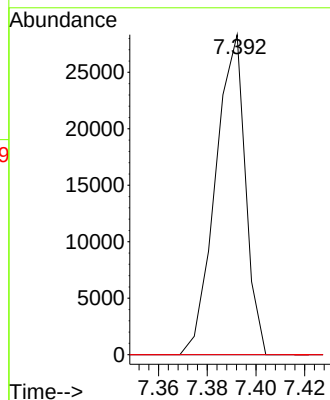
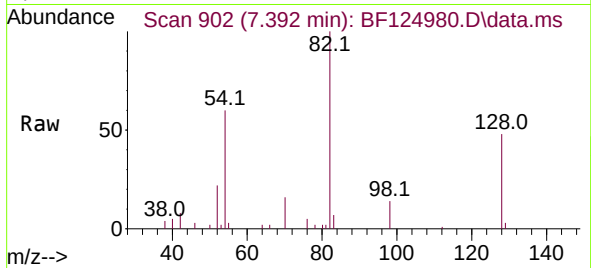




#25
Isophorone
Concen: 34.16 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.265 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

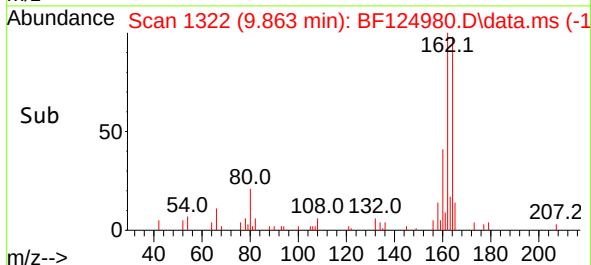
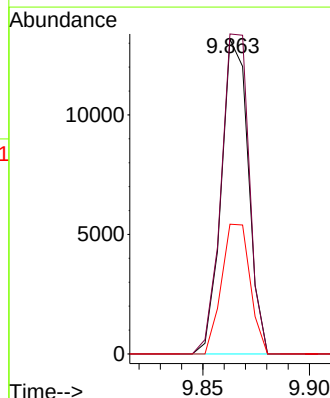
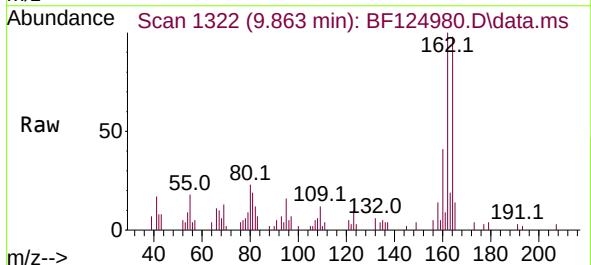
Instrument :
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ClientSampleId :
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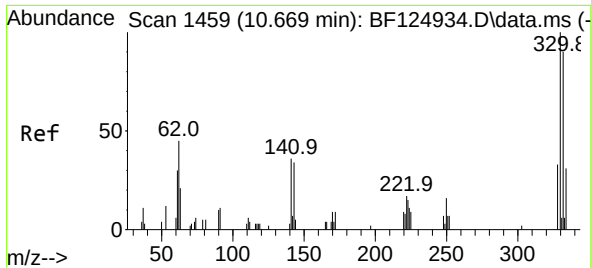
Tgt Ion: 82 Resp: 24206
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

Tgt Ion:164 Resp: 11585
Ion Ratio Lower Upper
164 100
162 101.7 81.3 121.9
160 41.2 38.0 57.0

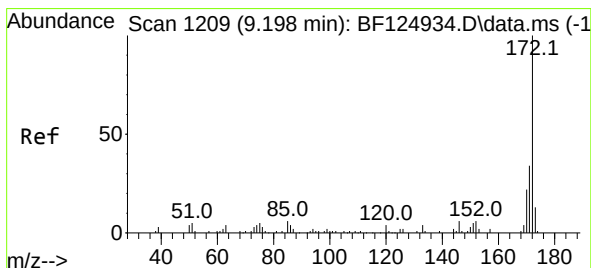
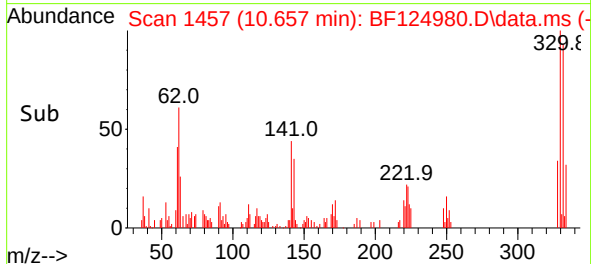
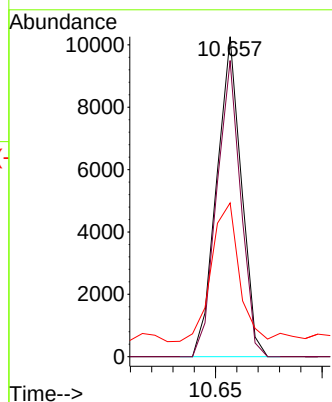
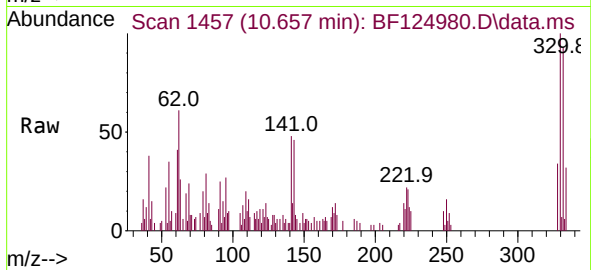




#42
2,4,6-Tribromophenol
Concen: 79.82 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

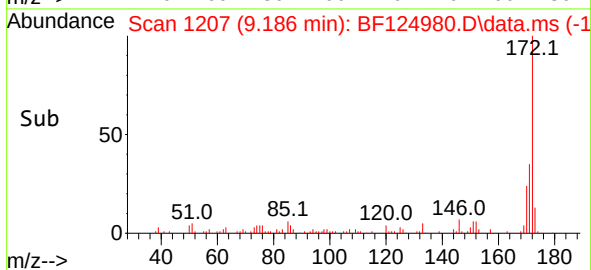
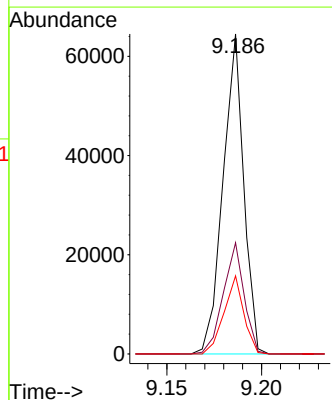
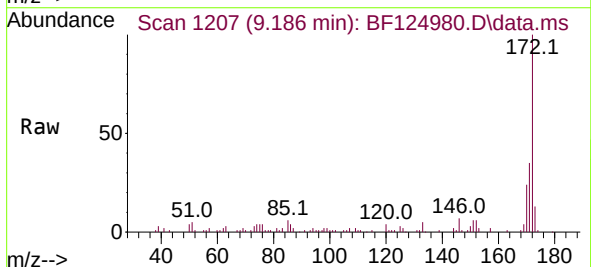
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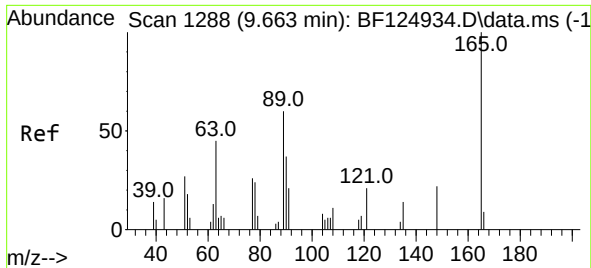
Tgt Ion:330 Resp: 8261
Ion Ratio Lower Upper
330 100
332 89.7 76.2 114.4
141 51.2 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 61.94 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

Tgt Ion:172 Resp: 49044
Ion Ratio Lower Upper
172 100
171 34.7 26.5 39.7
170 24.4 18.8 28.2

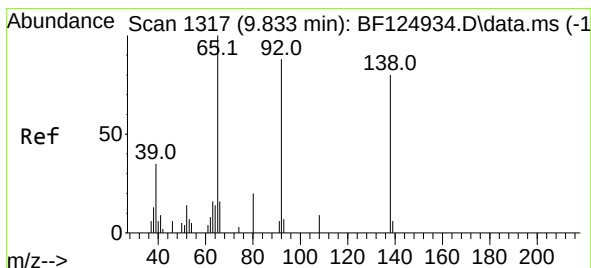
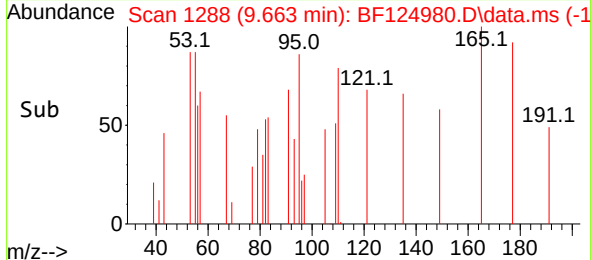
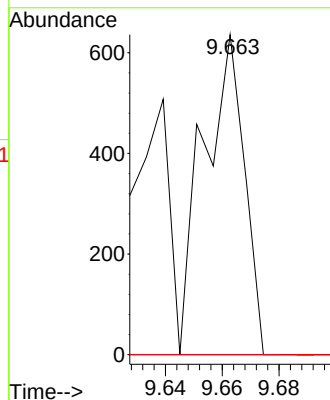
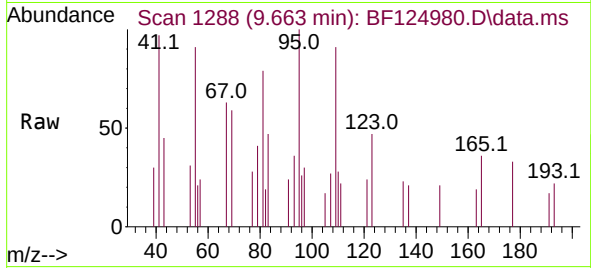




#51
2,6-Dinitrotoluene
Concen: 3.65 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

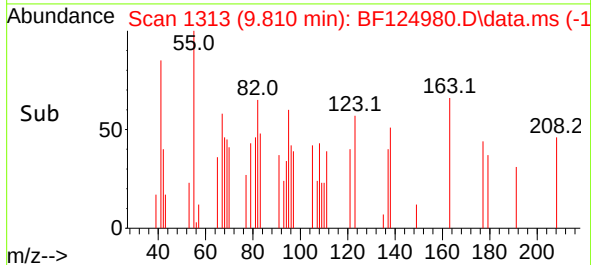
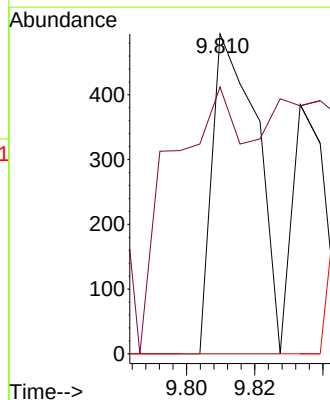
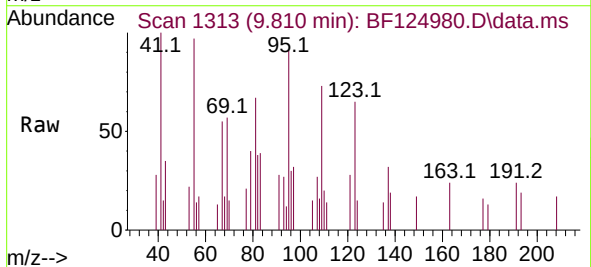
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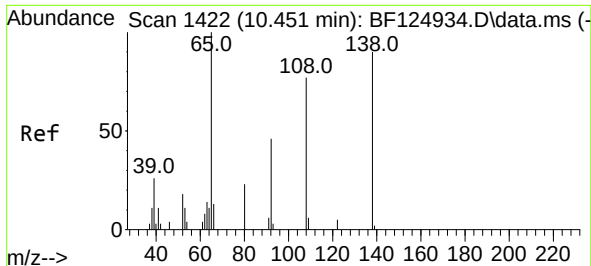
Tgt Ion:165 Resp: 638
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#53
3-Nitroaniline
Concen: 2.43 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

Tgt Ion:138 Resp: 448
Ion Ratio Lower Upper
138 100
108 83.4 9.3 13.9#
92 0.0 76.5 114.7#

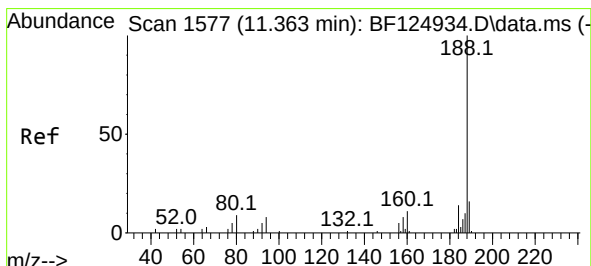
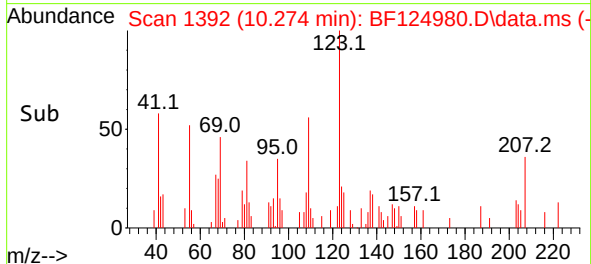
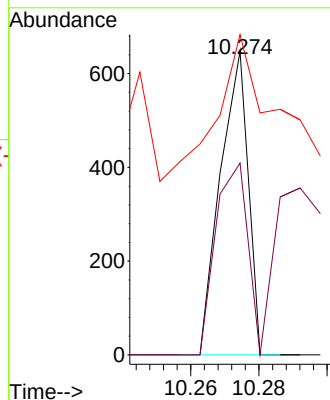
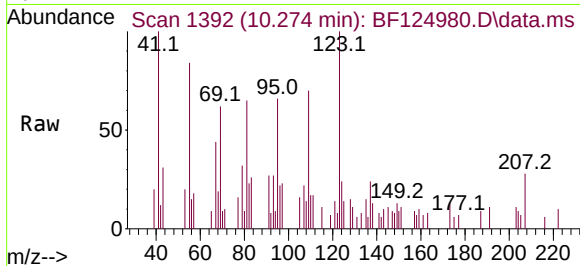




#62
4-Nitroaniline
Concen: 2.05 ng
RT: 10.274 min Scan# 1392
Delta R.T. -0.165 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

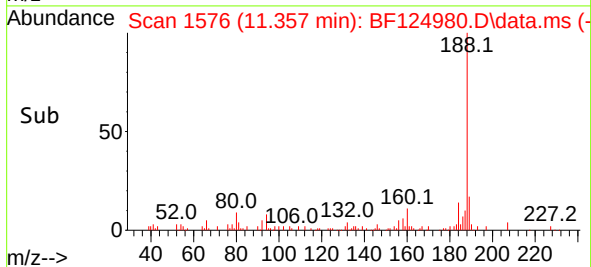
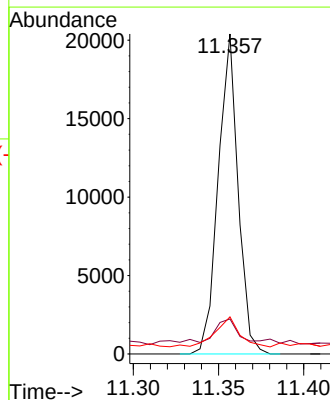
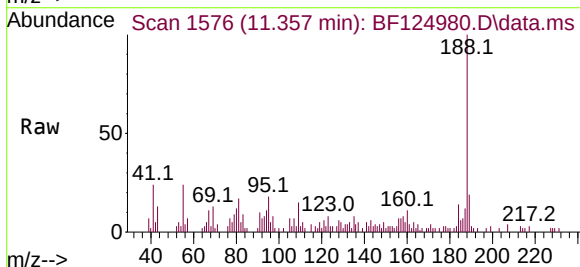
Instrument :
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ClientSampleId :
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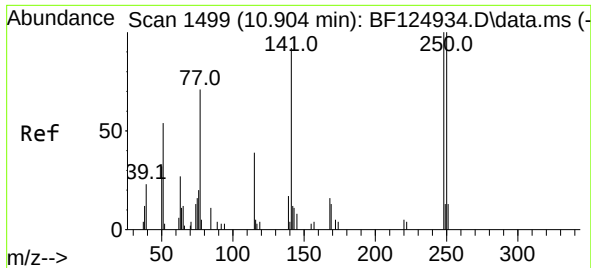
Tgt Ion:138 Resp: 366
Ion Ratio Lower Upper
138 100
92 63.1 29.6 69.6
108 105.4 78.1 118.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

Tgt Ion:188 Resp: 16530
Ion Ratio Lower Upper
188 100
94 10.9 6.7 10.1#
80 11.6 7.5 11.3#

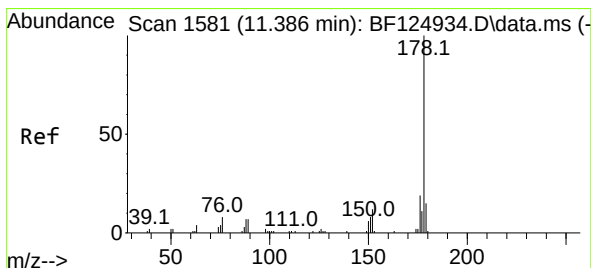
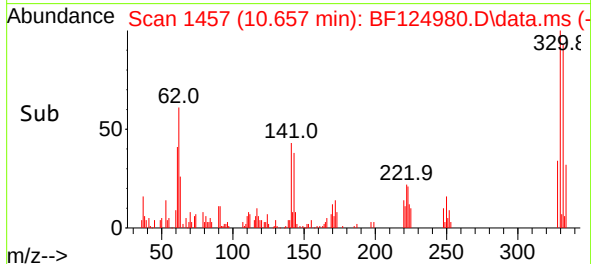
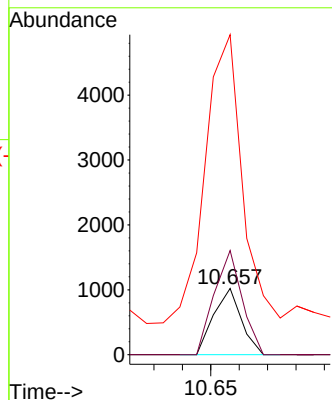
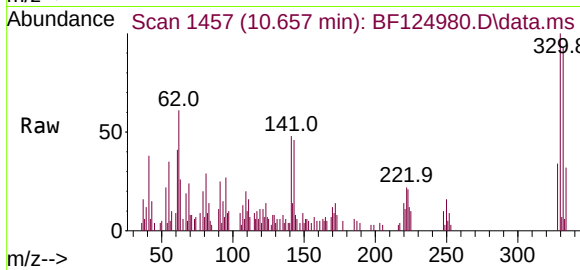




#67
4-Bromophenyl-phenylether
Concen: 3.81 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.241 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

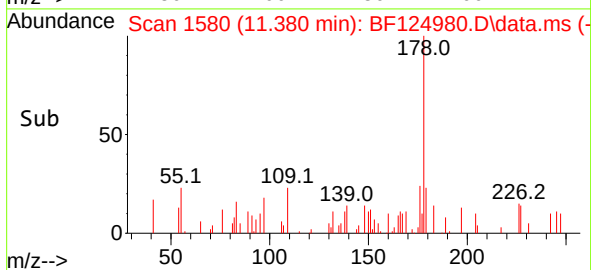
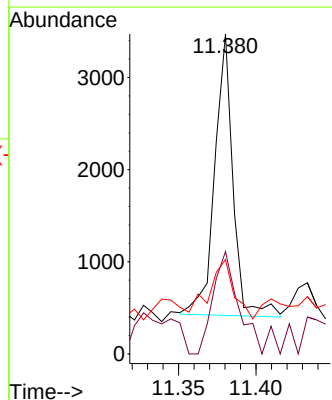
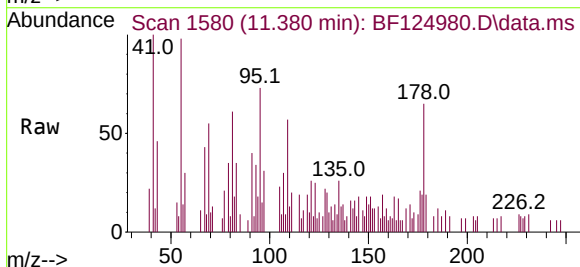
Instrument :
BNA_F
ClientSampleId :
25082

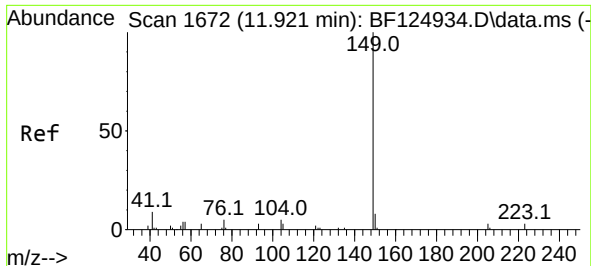
Tgt Ion:248 Resp: 689
Ion Ratio Lower Upper
248 100
250 157.4 74.2 111.4#
141 483.5 60.4 90.6#



#71
Phenanthrene
Concen: 2.80 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

Tgt Ion:178 Resp: 2508
Ion Ratio Lower Upper
178 100
176 32.0 14.7 22.1#
179 29.5 11.5 17.3#

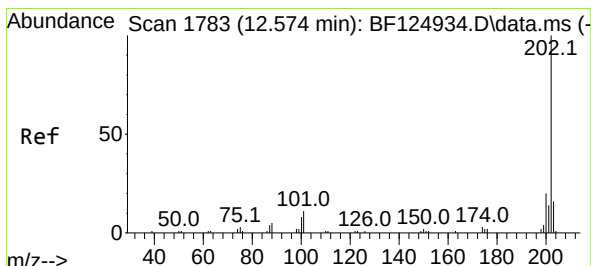
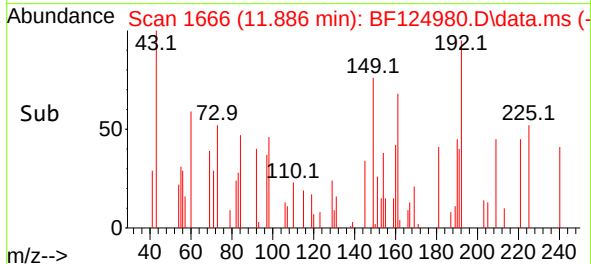
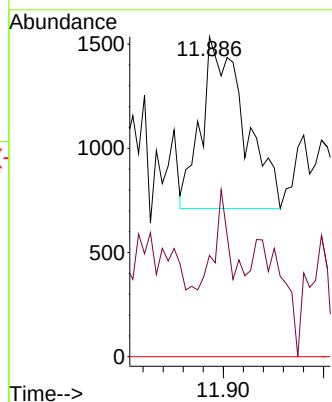
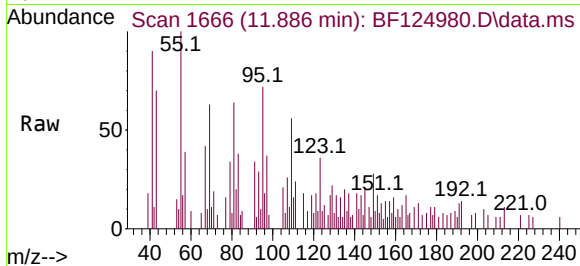




#74
Di-n-butylphthalate
Concen: 2.32 ng
RT: 11.886 min Scan# 1666
Delta R.T. -0.023 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

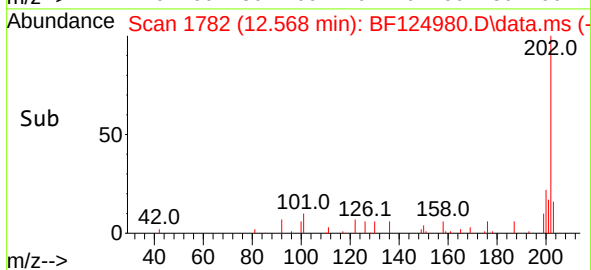
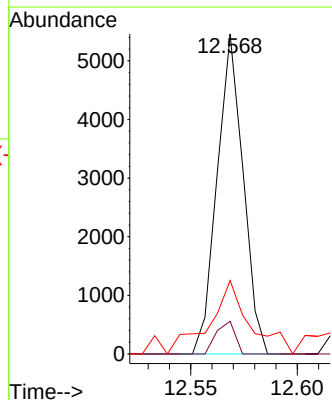
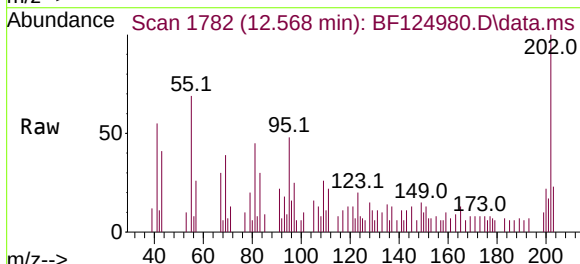
Instrument :
BNA_F
ClientSampleId :
25082

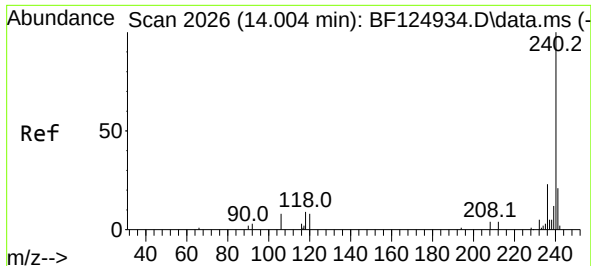
Tgt Ion:149 Resp: 2436
Ion Ratio Lower Upper
149 100
150 31.6 7.4 11.2#
104 0.0 4.1 6.1#



#75
Fluoranthene
Concen: 5.01 ng
RT: 12.568 min Scan# 1782
Delta R.T. 0.006 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

Tgt Ion:202 Resp: 4646
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.7
203 23.0 0.0 36.3

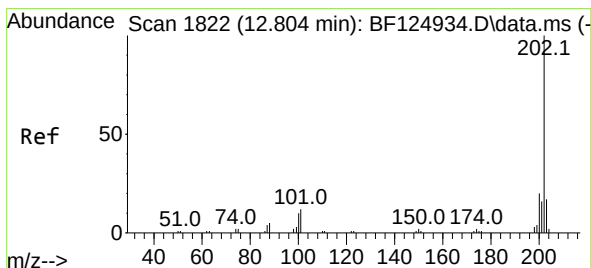
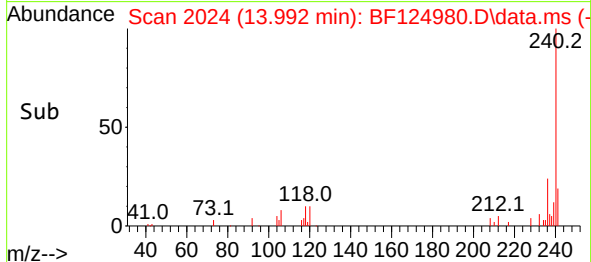
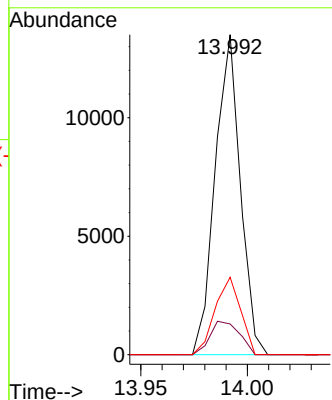
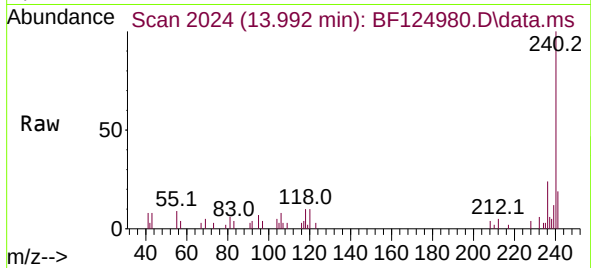




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

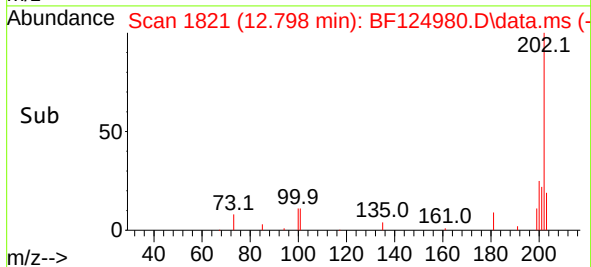
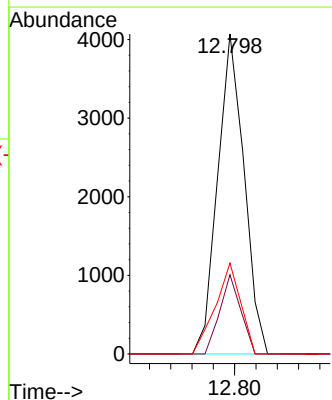
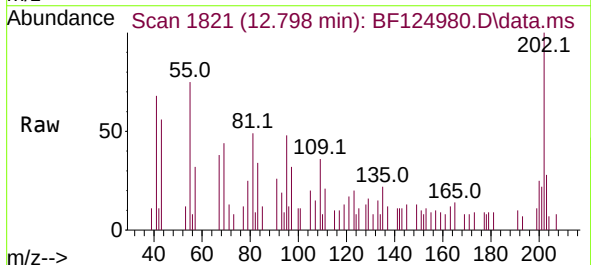
Instrument :
BNA_F
ClientSampled :
25082

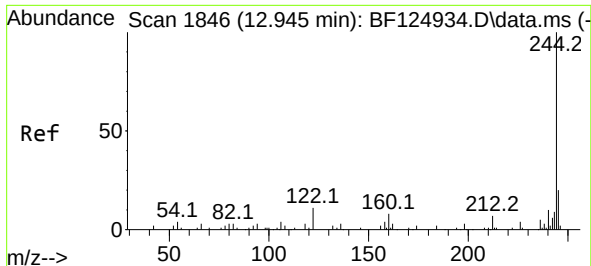
Tgt Ion:240 Resp: 11073
Ion Ratio Lower Upper
240 100
120 9.6 10.8 16.2#
236 24.2 21.6 32.4



#78
Pyrene
Concen: 4.02 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.006 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

Tgt Ion:202 Resp: 3503
Ion Ratio Lower Upper
202 100
200 24.8 15.3 22.9#
203 28.4 13.4 20.0#

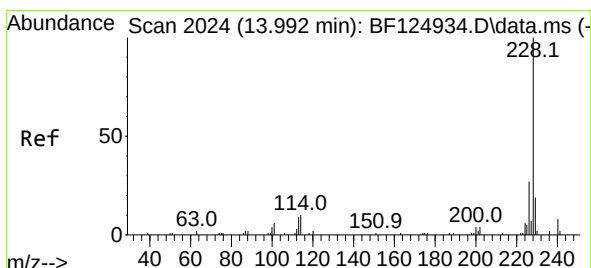
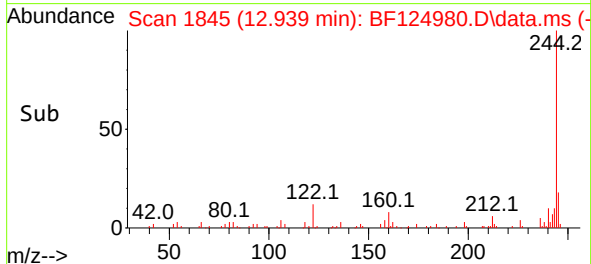
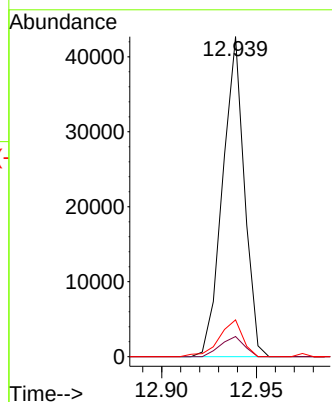
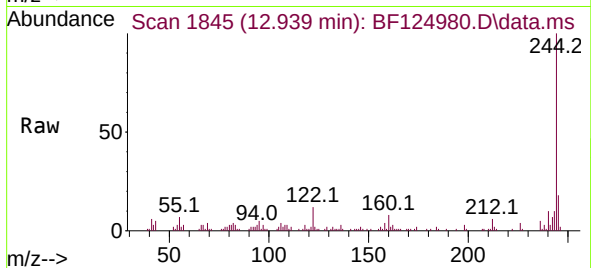




#79
 Terphenyl-d14
 Concen: 51.91 ng
 RT: 12.939 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: BF124980.D
 Acq: 7 Aug 2021 18:25

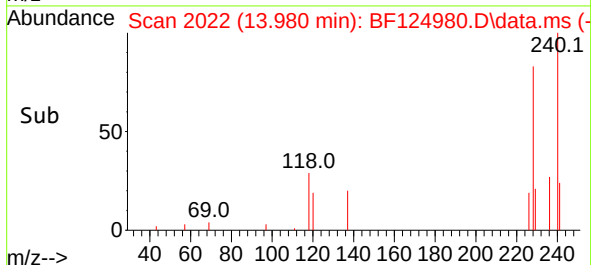
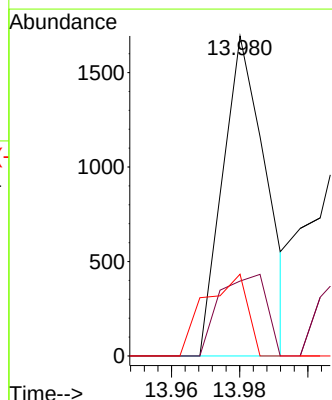
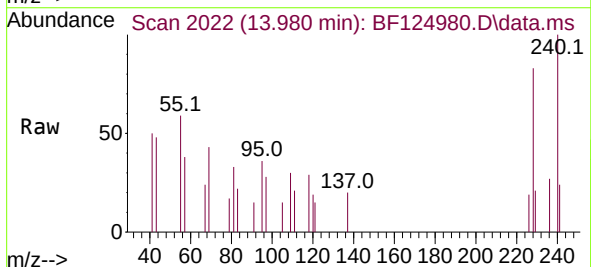
Instrument :
 BNA_F
 ClientSampled :
 25082

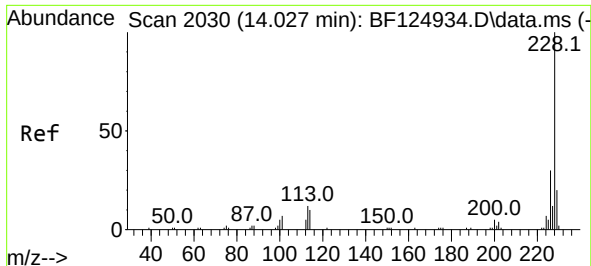
Tgt Ion:244 Resp: 34074
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.9 8.9
 122 11.5 9.0 13.4



#81
 Benzo(a)anthracene
 Concen: 2.08 ng
 RT: 13.980 min Scan# 2022
 Delta R.T. 0.000 min
 Lab File: BF124980.D
 Acq: 7 Aug 2021 18:25

Tgt Ion:228 Resp: 1504
 Ion Ratio Lower Upper
 228 100
 226 23.4 21.6 32.4
 229 25.6 15.6 23.4#

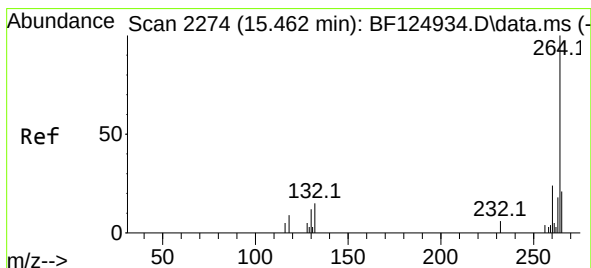
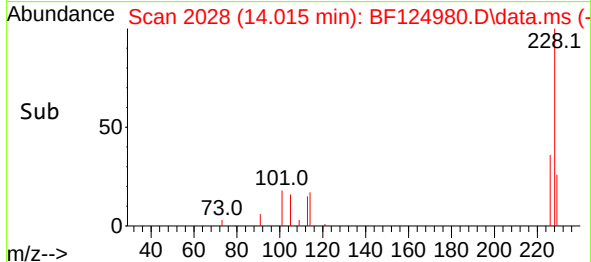
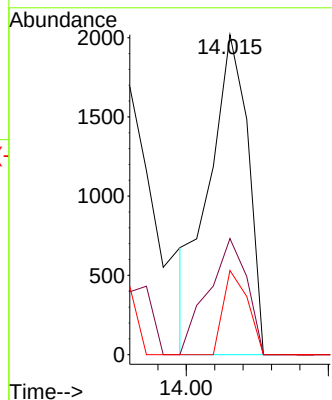
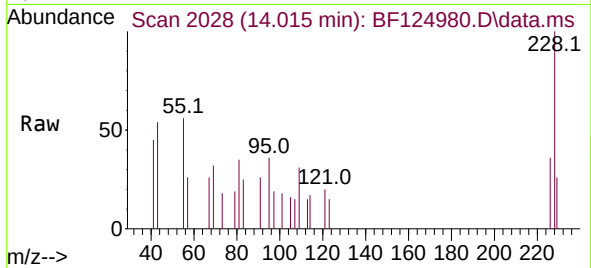




#83
Chrysene
Concen: 2.74 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

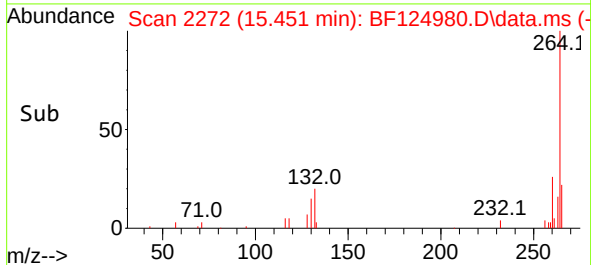
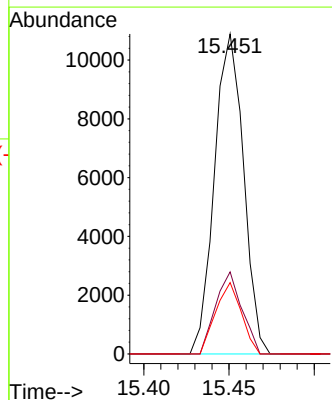
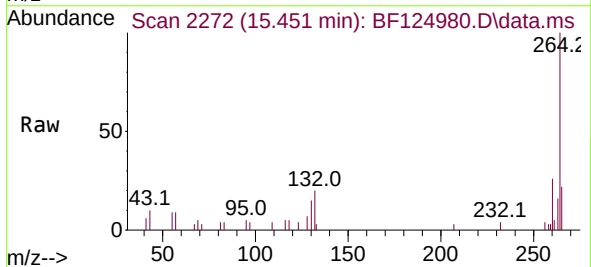
Instrument :
BNA_F
ClientSampleId :
25082

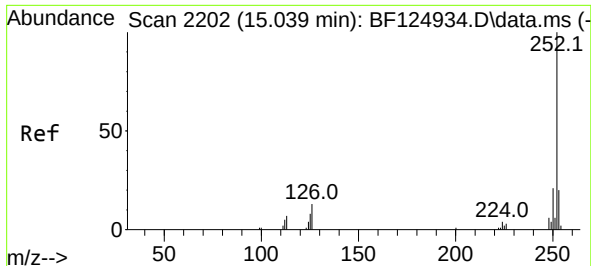
Tgt Ion:228 Resp: 1913
Ion Ratio Lower Upper
228 100
226 36.3 22.6 34.0#
229 26.3 15.9 23.9#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.006 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

Tgt Ion:264 Resp: 12917
Ion Ratio Lower Upper
264 100
260 25.6 19.6 29.4
265 22.3 17.2 25.8

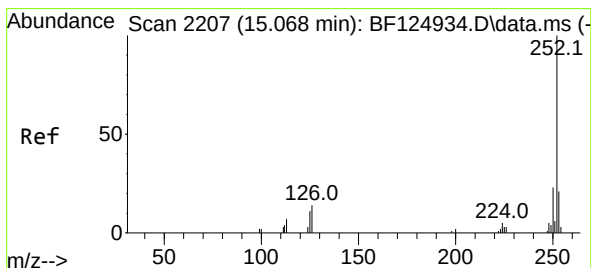
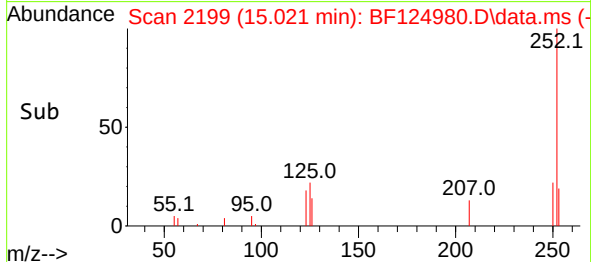
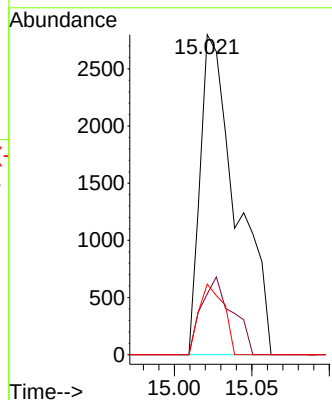
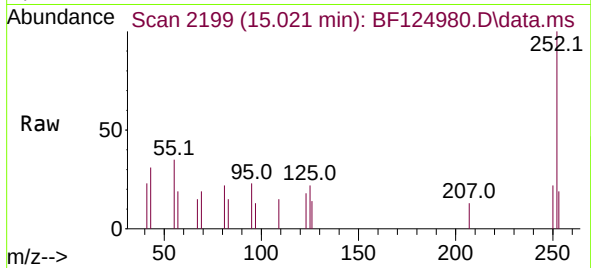




#88
Benzo(b)fluoranthene
Concen: 5.01 ng
RT: 15.021 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

Instrument :
BNA_F
ClientSampled :
25082

Tgt Ion:252 Resp: 4540
Ion Ratio Lower Upper
252 100
253 19.0 16.8 25.2
125 22.0 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 5.50 ng
RT: 15.021 min Scan# 2199
Delta R.T. -0.029 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

Tgt Ion:252 Resp: 4540
Ion Ratio Lower Upper
252 100
253 19.0 17.8 26.8
125 22.0 7.2 10.8#

