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 Data File : BF124983.D
 Acq On : 7 Aug 2021 20:03
 Operator : JU/CG
 Sample : M3289-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26562

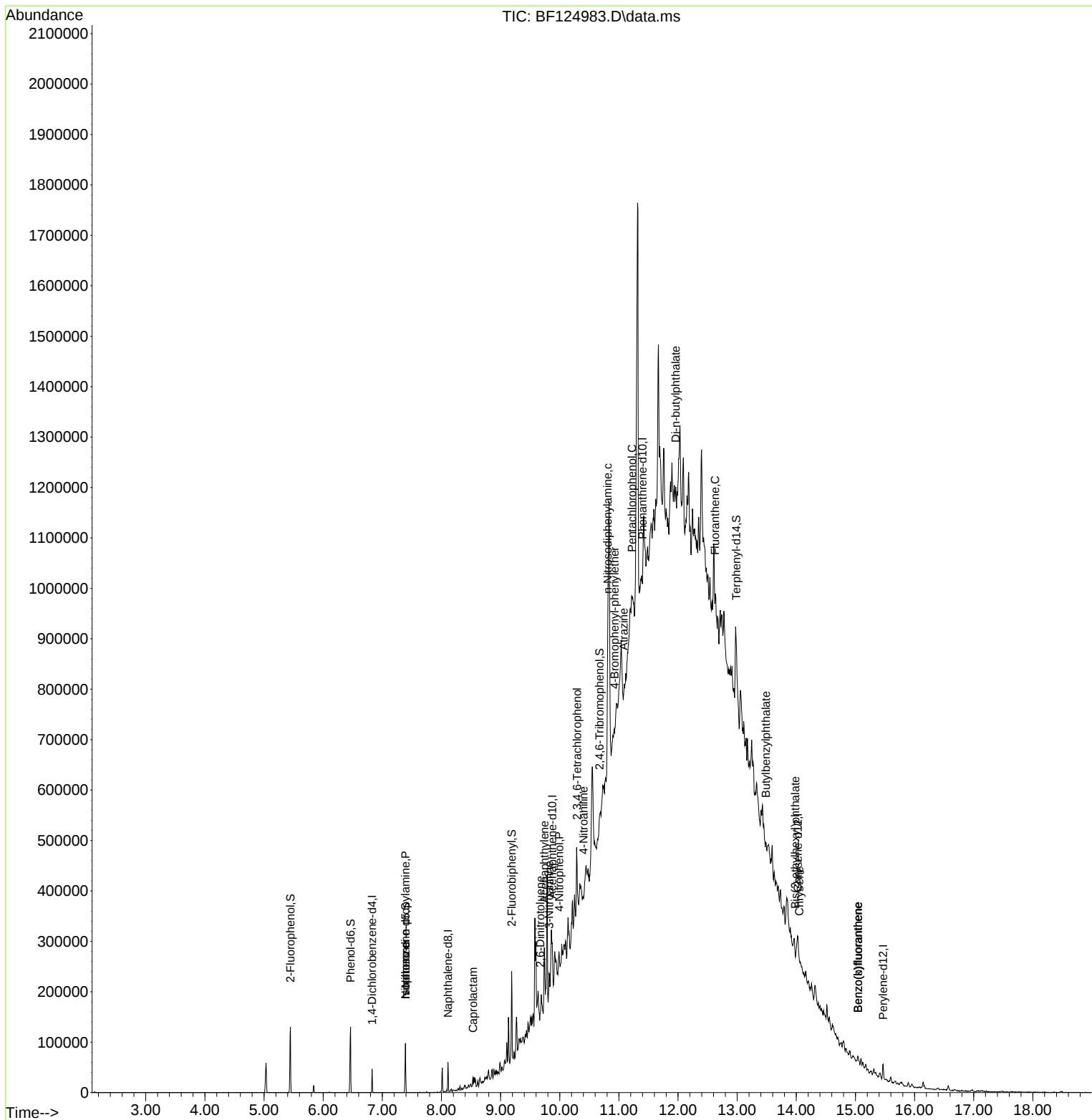
Quant Time: Aug 08 09:10:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 06 11:27:24 2021
 Response via : Initial Calibration

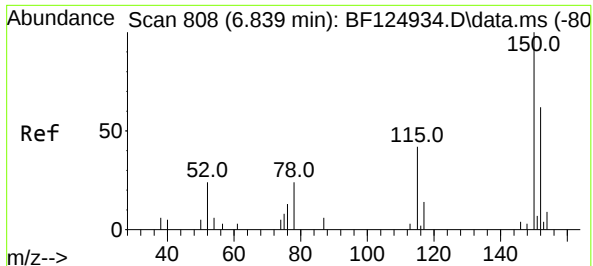
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	6139	20.00	ng	0.00
21) Naphthalene-d8	8.110	136	21502	20.00	ng	# 0.00
39) Acenaphthene-d10	9.875	164	10094	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	13754	20.00	ng	# 0.05
76) Chrysene-d12	14.027	240	12442	20.00	ng	# 0.04
86) Perylene-d12	15.468	264	11786	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	34616	92.37	ng	0.00
7) Phenol-d6	6.463	99	41047	86.86	ng	0.00
23) Nitrobenzene-d5	7.392	82	25680	62.48	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	7077	78.48	ng	0.02
45) 2-Fluorobiphenyl	9.186	172	44450	64.44	ng	0.00
79) Terphenyl-d14	12.986	244	37788	51.23	ng	0.05
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.392	70	3275	11.68	ng	# 68
25) Isophorone	7.392	82	25679	36.60	ng	# 59
35) Caprolactam	8.534	113	175	2.07	ng	# 1
49) Acenaphthylene	9.739	152	2021	2.22	ng	# 1
51) 2,6-Dinitrotoluene	9.675	165	751	4.93	ng	# 26
53) 3-Nitroaniline	9.822	138	1298	8.09	ng	# 30
56) 4-Nitrophenol	9.992	139	624	5.90	ng	# 1
59) 2,3,4,6-Tetrachlorophenol	10.292	232	361	2.46	ng	# 1
62) 4-Nitroaniline	10.404	138	497	3.19	ng	81
66) n-Nitrosodiphenylamine	10.810	169	3903	8.76	ng	90
67) 4-Bromophenyl-phenylether	10.928	248	432	2.87	ng	# 1
69) Atrazine	11.080	200	278	2.08	ng	# 1
70) Pentachlorophenol	11.222	266	149	5.43	ng	# 53
74) Di-n-butylphthalate	11.963	149	6074	6.96	ng	# 35
75) Fluoranthene	12.627	202	2225	2.88	ng	# 6
80) Butylbenzylphthalate	13.486	149	1174	2.69	ng	# 4
83) Chrysene	14.051	228	1684	2.15	ng	# 80
84) Bis(2-ethylhexyl)phtha...	13.980	149	1321	2.18	ng	# 54
88) Benzo(b)fluoranthene	15.045	252	3231	3.90	ng	# 17
89) Benzo(k)fluoranthene	15.045	252	3231	4.29	ng	# 17

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
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QLast Update : Fri Aug 06 11:27:24 2021
Response via : Initial Calibration

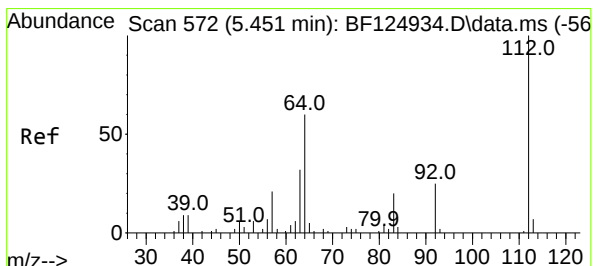
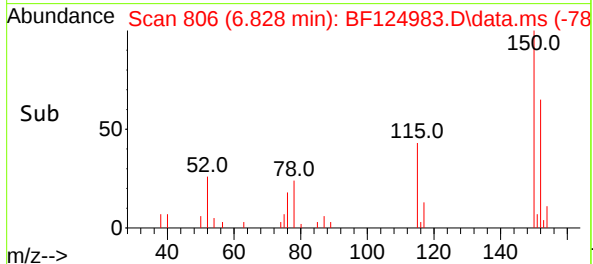
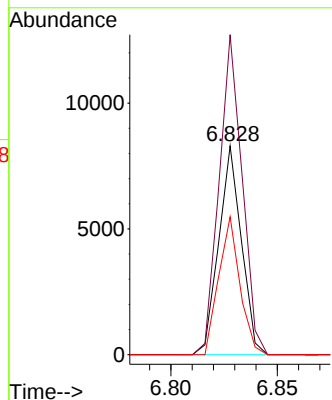
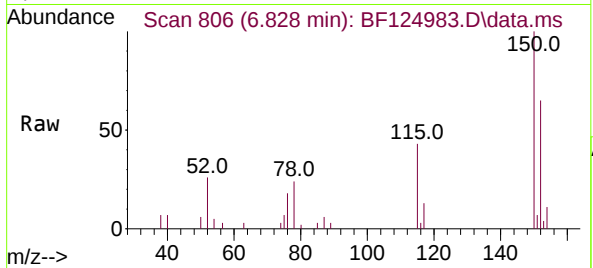




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

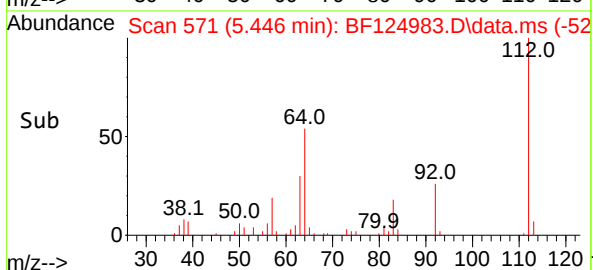
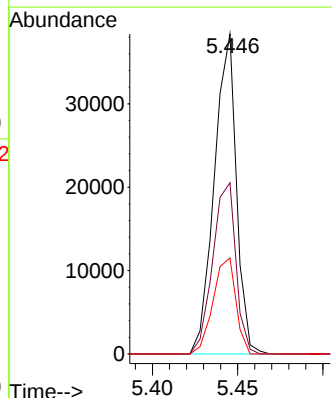
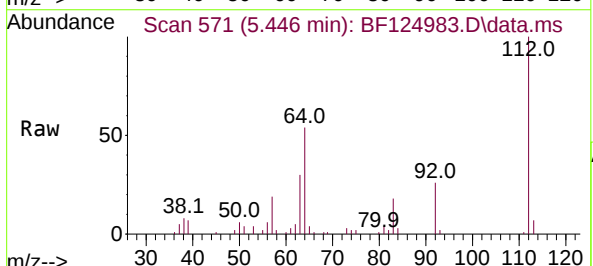
Instrument :
BNA_F
ClientSampled :
26562

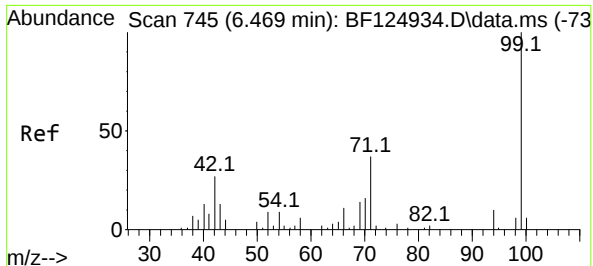
Tgt Ion:152 Resp: 6139
Ion Ratio Lower Upper
152 100
150 153.2 117.6 176.4
115 66.0 47.1 70.7



#5
2-Fluorophenol
Concen: 92.37 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

Tgt Ion:112 Resp: 34616
Ion Ratio Lower Upper
112 100
64 53.5 44.2 66.2
63 30.0 26.2 39.2

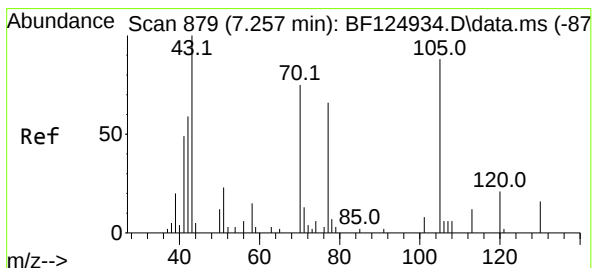
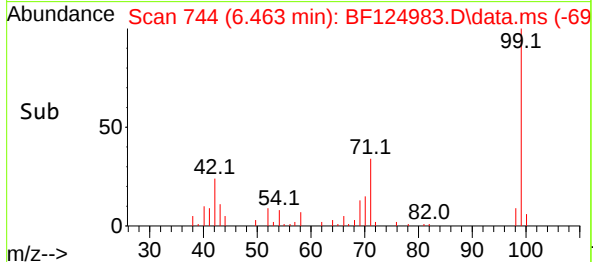
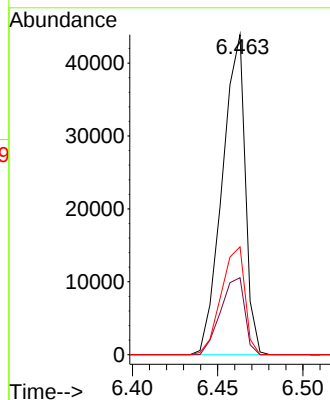
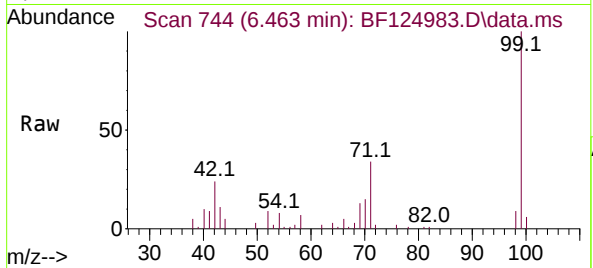




#7
Phenol-d6
Concen: 86.86 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

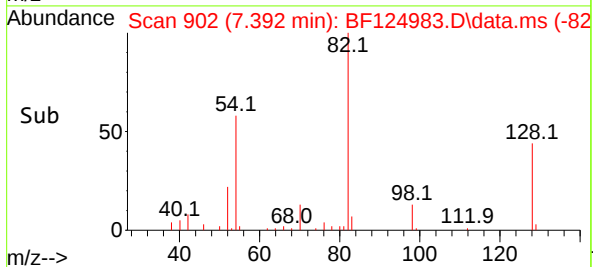
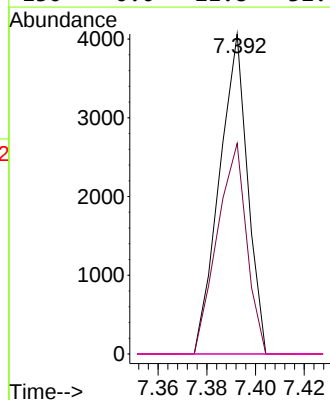
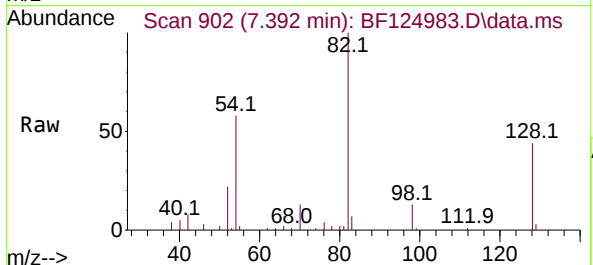
Instrument :
BNA_F
ClientSampled :
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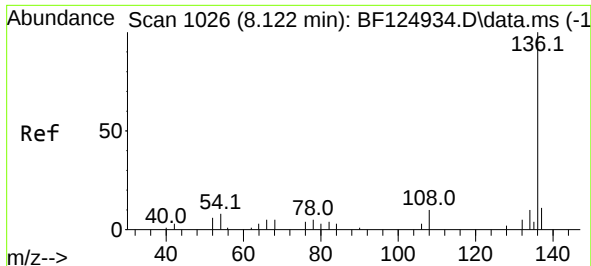
Tgt Ion: 99 Resp: 41047
Ion Ratio Lower Upper
99 100
42 24.0 23.5 35.3
71 33.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.68 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.147 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

Tgt Ion: 70 Resp: 3275
Ion Ratio Lower Upper
70 100
42 65.8 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

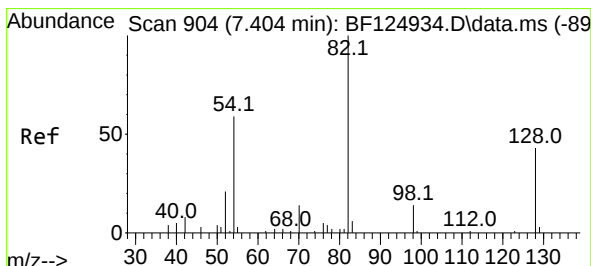
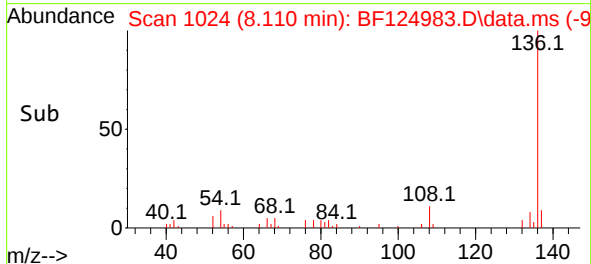
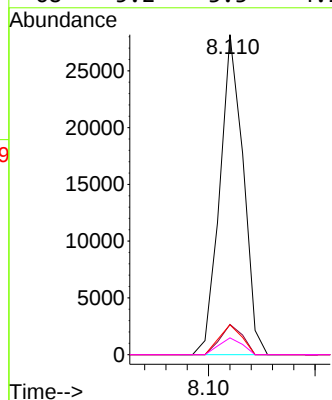
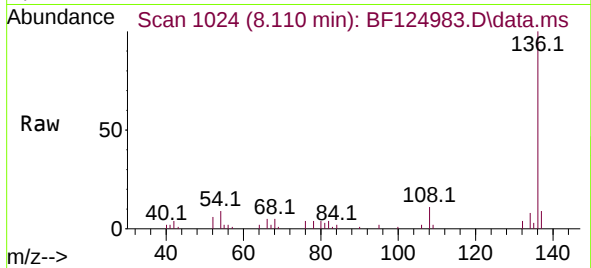




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

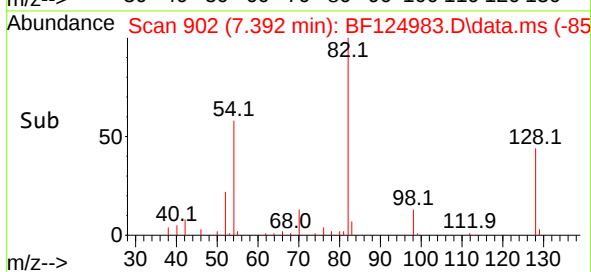
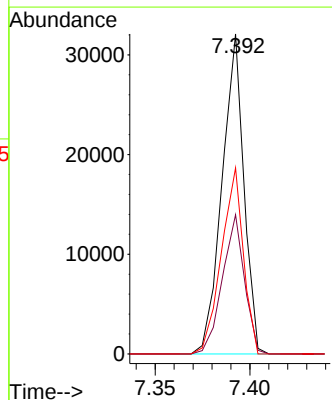
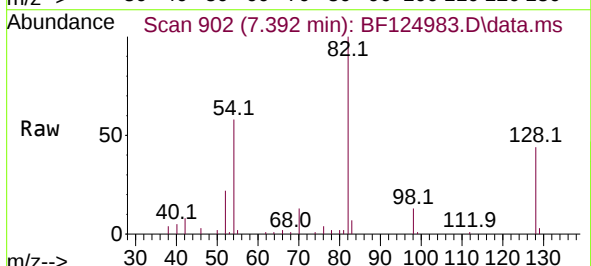
Instrument :
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ClientSampleId :
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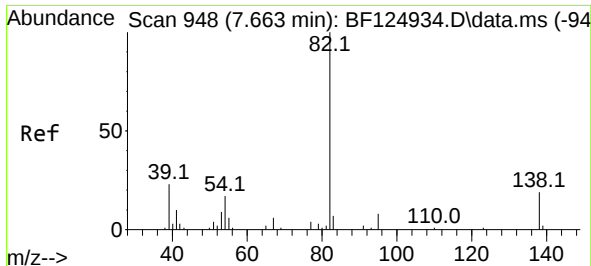
Tgt Ion:136	Resp:	21502
Ion Ratio	Lower	Upper
136	100	
137	9.5	9.8 14.6#
54	9.4	6.4 9.6
68	5.2	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 62.48 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

Tgt Ion: 82	Resp:	25680
Ion Ratio	Lower	Upper
82	100	
128	43.5	40.6 60.8
54	58.2	49.6 74.4

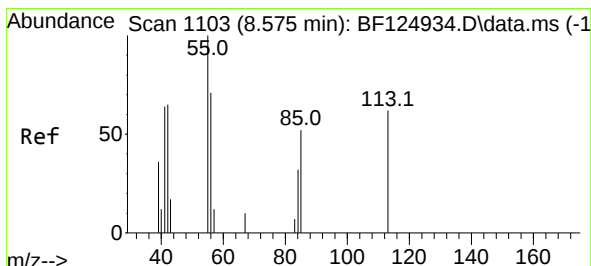
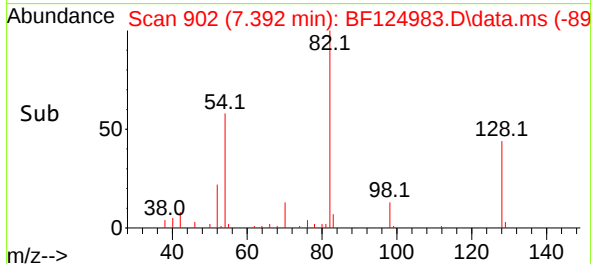
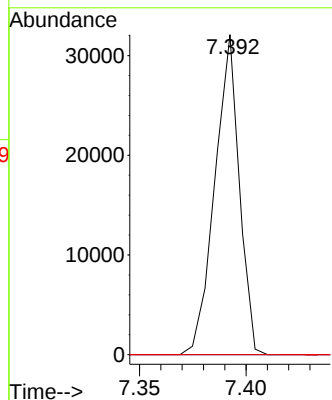
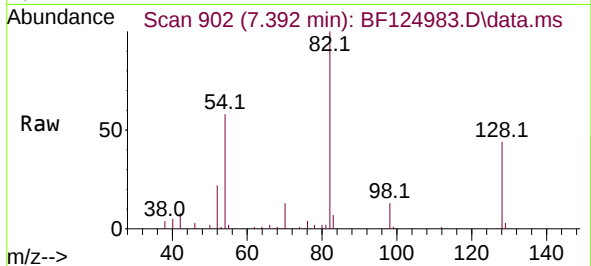




#25
Isophorone
Concen: 36.60 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.264 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

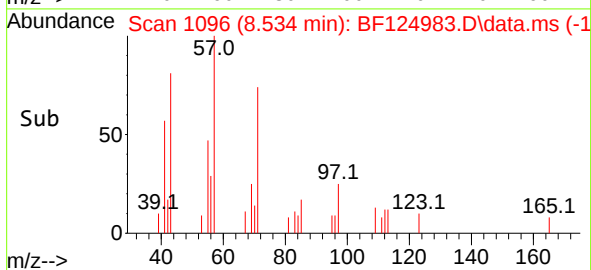
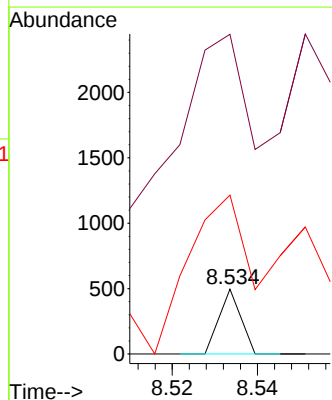
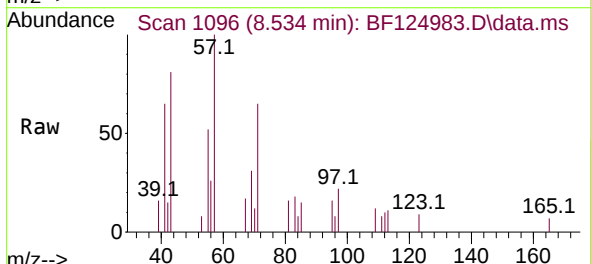
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ClientSampleId :
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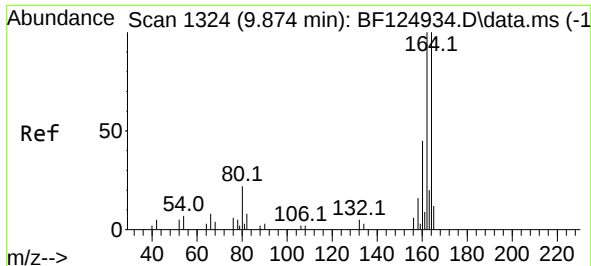
Tgt Ion: 82 Resp: 25679
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#35
Caprolactam
Concen: 2.07 ng
RT: 8.534 min Scan# 1096
Delta R.T. -0.029 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

Tgt Ion: 113 Resp: 175
Ion Ratio Lower Upper
113 100
55 492.7 154.1 194.1#
56 245.0 108.7 148.7#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.875 min Scan# 1324

Delta R.T. 0.006 min

Lab File: BF124983.D

Acq: 7 Aug 2021 20:03

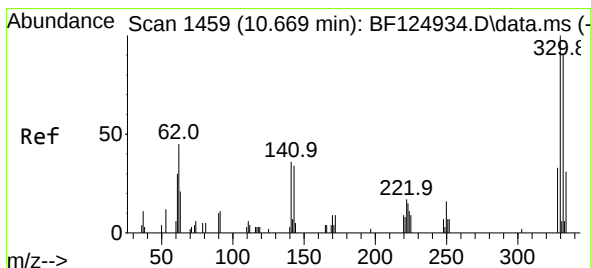
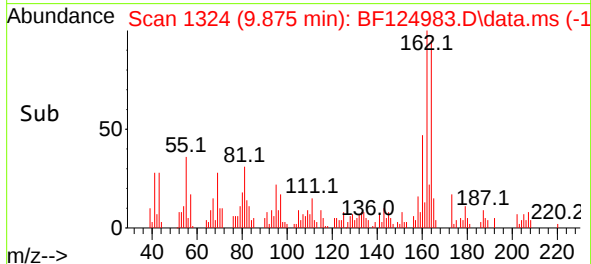
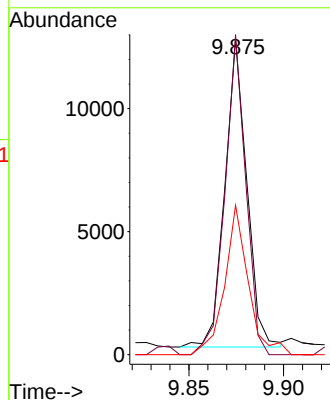
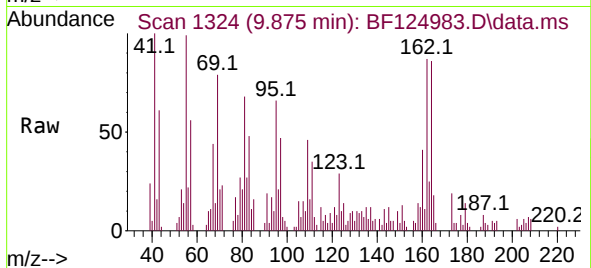
Tgt Ion:164 Resp: 10094

Ion Ratio Lower Upper

164 100

162 101.4 81.3 121.9

160 47.3 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 78.48 ng

RT: 10.675 min Scan# 1460

Delta R.T. 0.018 min

Lab File: BF124983.D

Acq: 7 Aug 2021 20:03

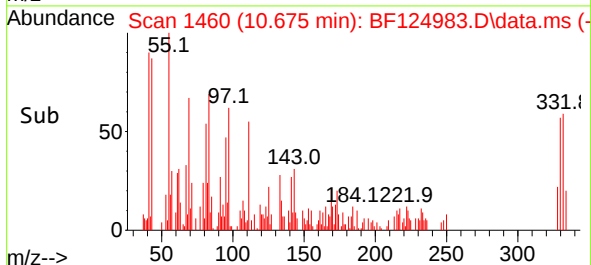
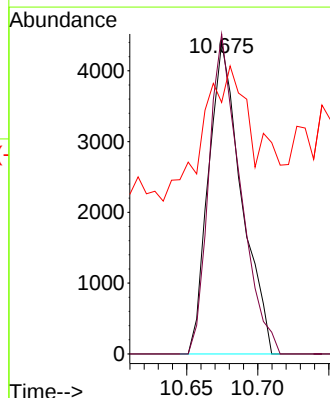
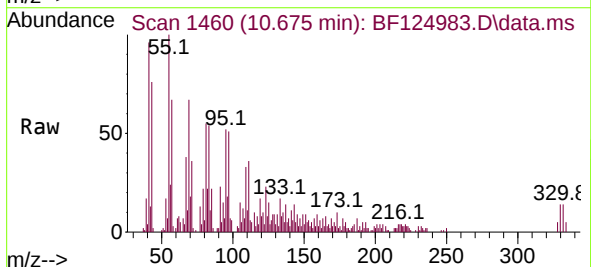
Tgt Ion:330 Resp: 7077

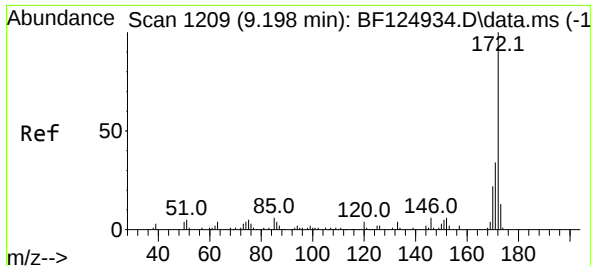
Ion Ratio Lower Upper

330 100

332 98.1 76.2 114.4

141 67.4 44.6 66.8#

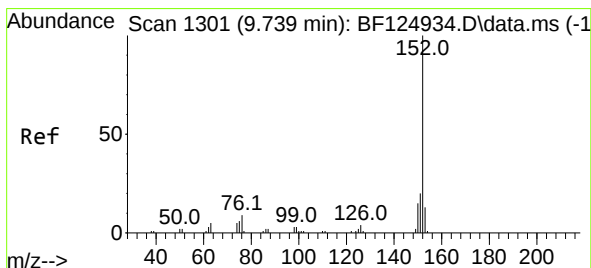
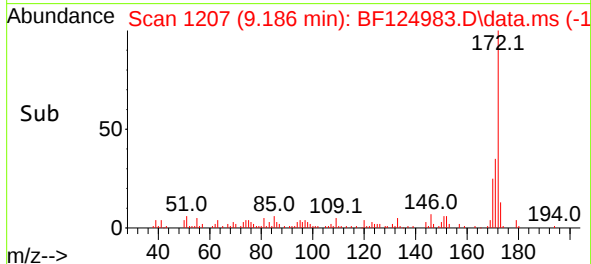
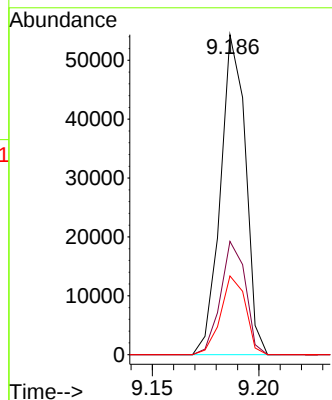
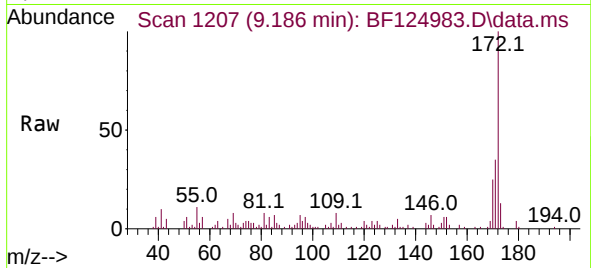




#45
2-Fluorobiphenyl
Concen: 64.44 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

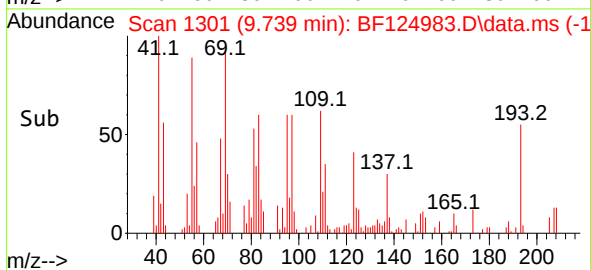
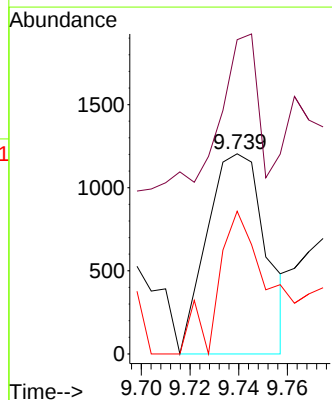
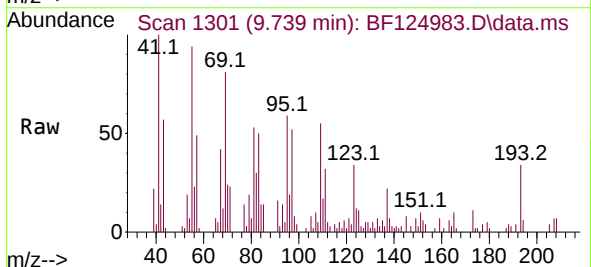
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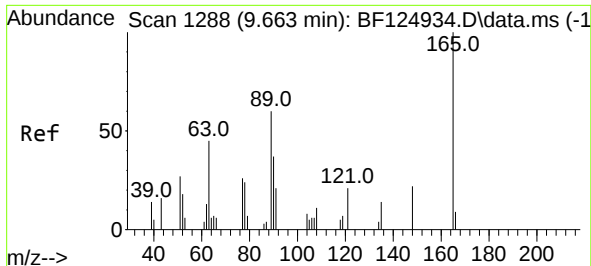
Tgt Ion:172 Resp: 44450
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 24.6 18.8 28.2



#49
Acenaphthylene
Concen: 2.22 ng
RT: 9.739 min Scan# 1301
Delta R.T. 0.006 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

Tgt Ion:152 Resp: 2021
Ion Ratio Lower Upper
152 100
151 157.0 15.7 23.5#
153 71.3 9.8 14.8#

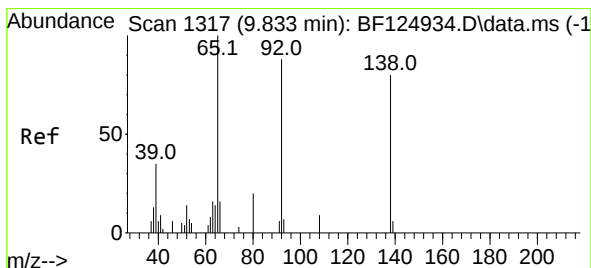
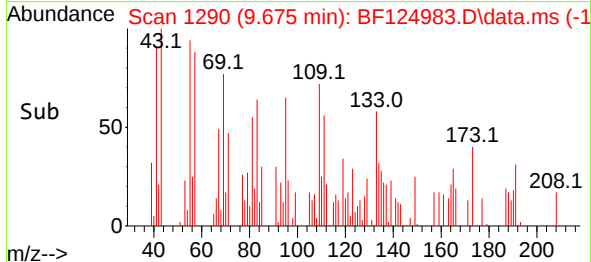
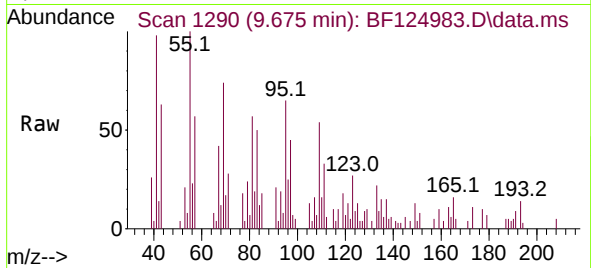




#51
2,6-Dinitrotoluene
Concen: 4.93 ng
RT: 9.675 min Scan# 1290
Delta R.T. 0.018 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

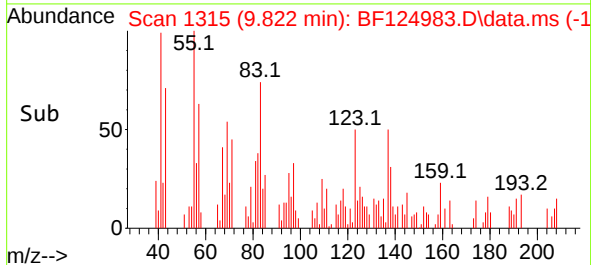
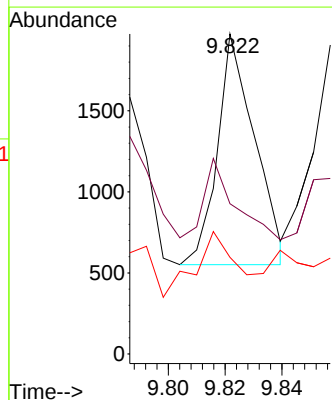
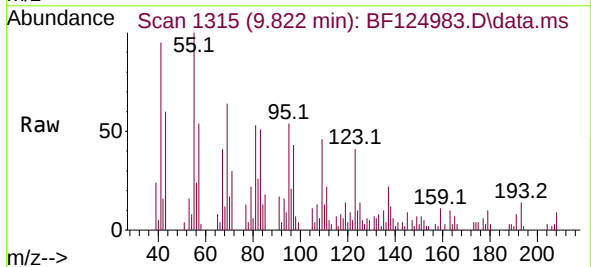
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ClientSampleId :
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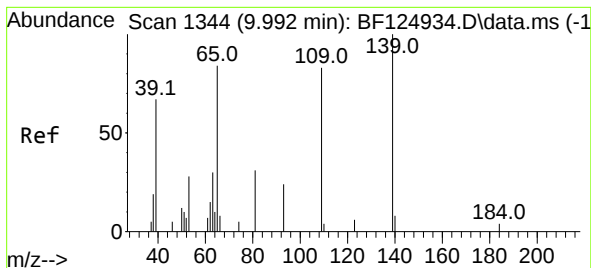
Tgt Ion:165 Resp: 751
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#53
3-Nitroaniline
Concen: 8.09 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

Tgt Ion:138 Resp: 1298
Ion Ratio Lower Upper
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108 47.0 9.3 13.9#
92 30.2 76.5 114.7#

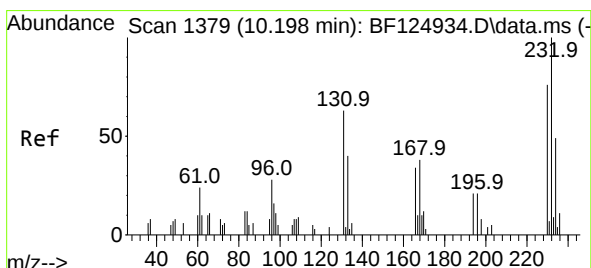
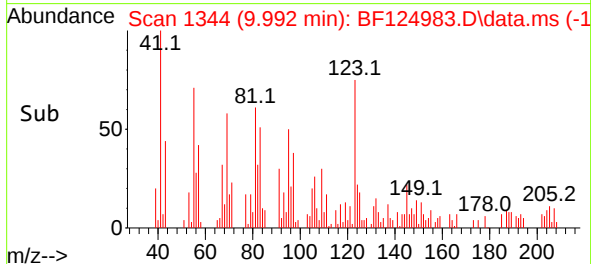
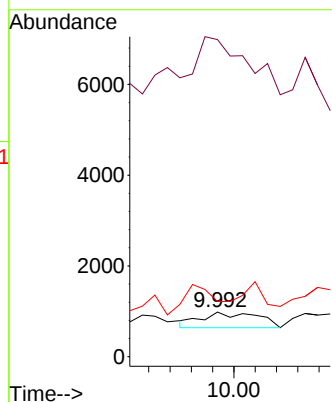
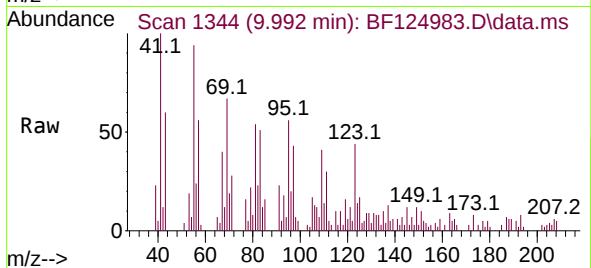




#56
4-Nitrophenol
Concen: 5.90 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

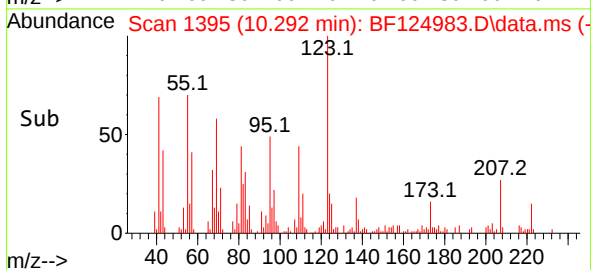
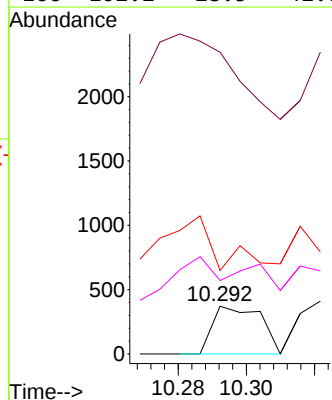
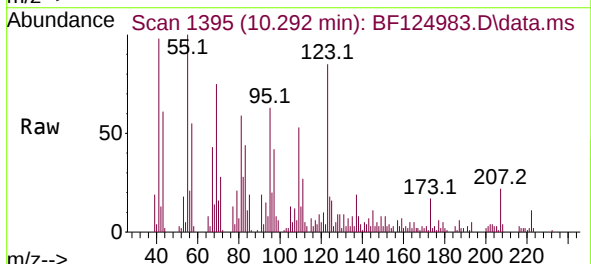
Instrument :
BNA_F
ClientSampleId :
26562

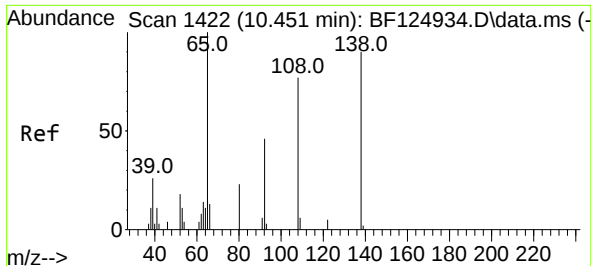
Tgt Ion:139 Resp: 624
Ion Ratio Lower Upper
139 100
109 710.3 60.4 100.4#
65 123.5 58.4 98.4#



#59
2,3,4,6-Tetrachlorophenol
Concen: 2.46 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.100 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

Tgt Ion:232 Resp: 361
Ion Ratio Lower Upper
232 100
131 276.5 45.4 68.0#
130 86.4 0.0 0.0#
166 102.2 28.5 42.7#

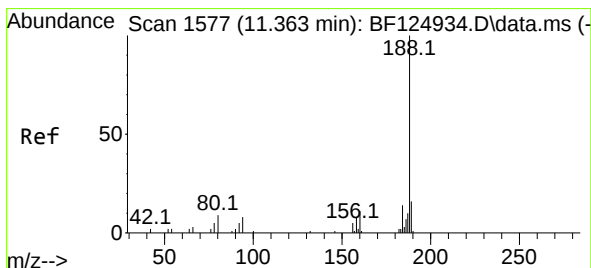
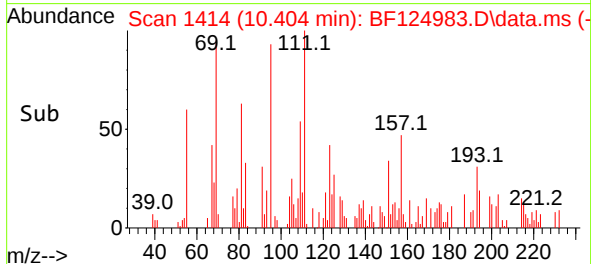
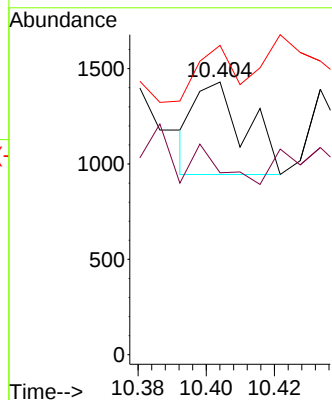
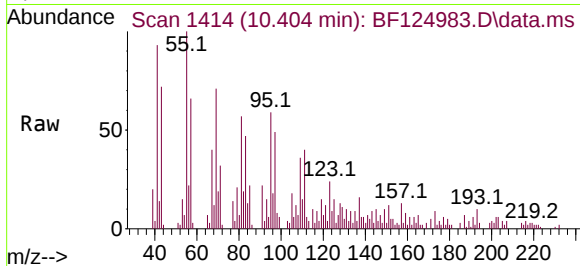




#62
4-Nitroaniline
Concen: 3.19 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.035 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

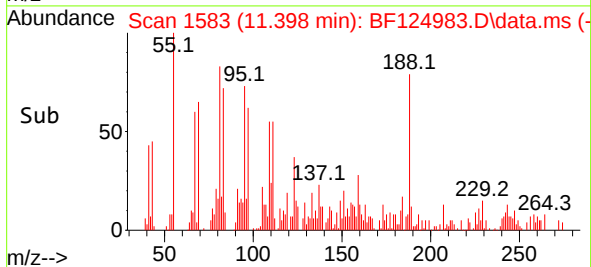
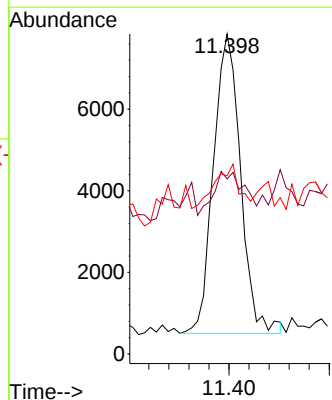
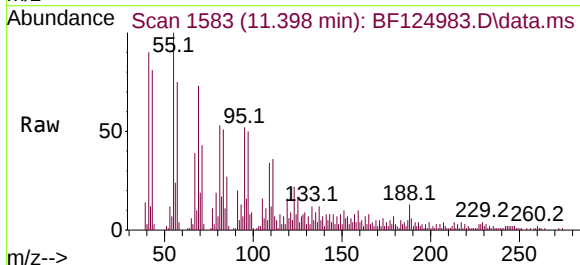
Instrument :
BNA_F
ClientSampleId :
26562

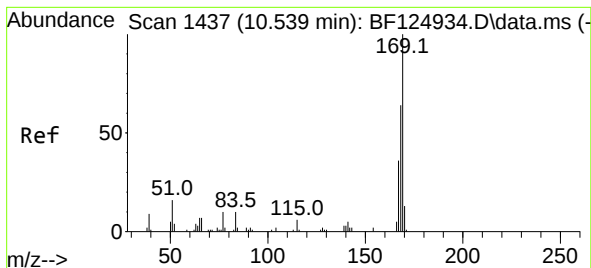
Tgt Ion:138 Resp: 497
Ion Ratio Lower Upper
138 100
92 66.7 29.6 69.6
108 113.4 78.1 118.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.047 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

Tgt Ion:188 Resp: 13754
Ion Ratio Lower Upper
188 100
94 54.7 6.7 10.1#
80 55.7 7.5 11.3#

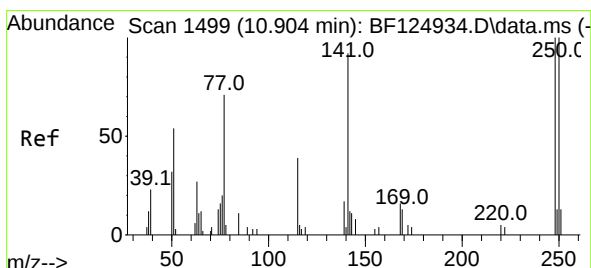
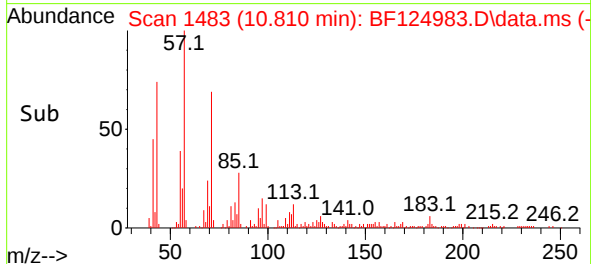
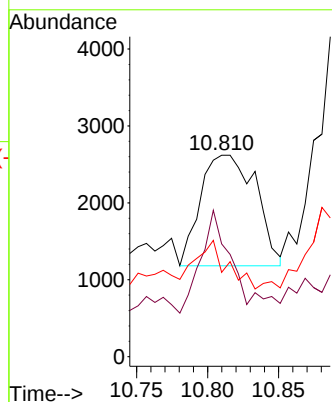
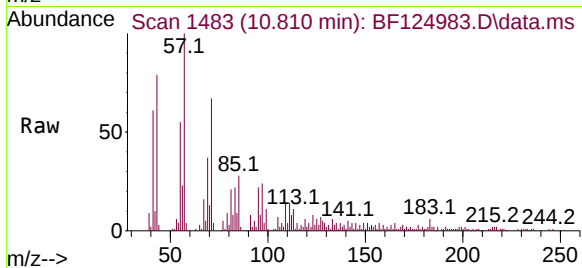




#66
n-Nitrosodiphenylamine
Concen: 8.76 ng
RT: 10.810 min Scan# 1483
Delta R.T. 0.283 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

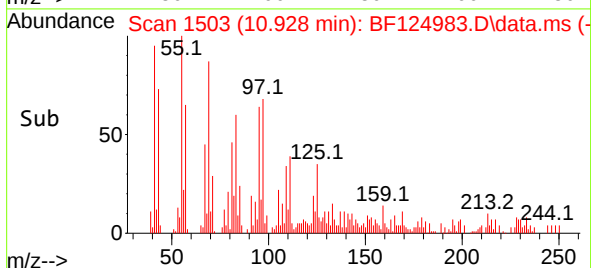
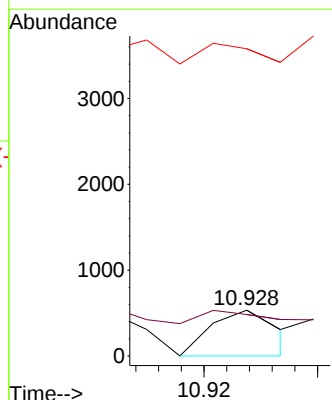
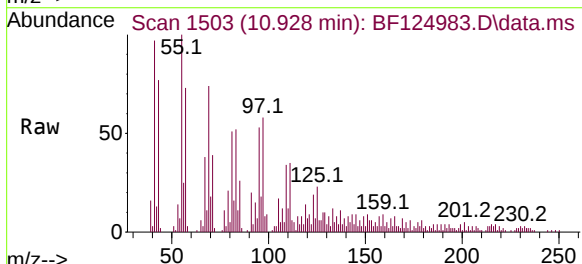
Instrument :
BNA_F
ClientSampled :
26562

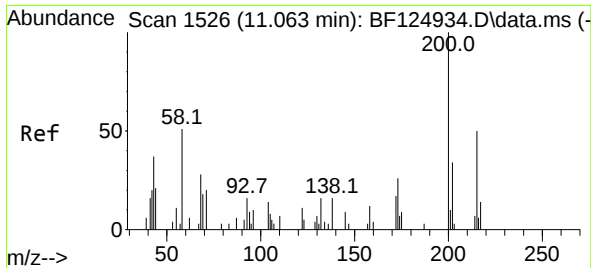
Tgt Ion:169 Resp: 3903
Ion Ratio Lower Upper
169 100
168 56.0 50.8 76.2
167 41.8 28.8 43.2



#67
4-Bromophenyl-phenylether
Concen: 2.87 ng
RT: 10.928 min Scan# 1503
Delta R.T. 0.030 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

Tgt Ion:248 Resp: 432
Ion Ratio Lower Upper
248 100
250 90.6 74.2 111.4
141 671.5 60.4 90.6#

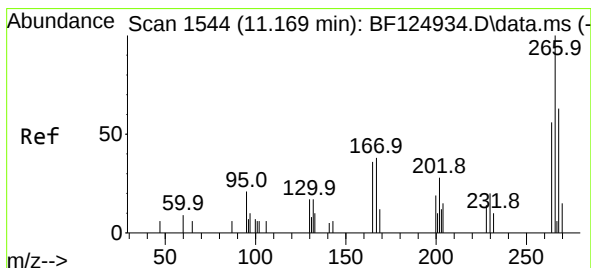
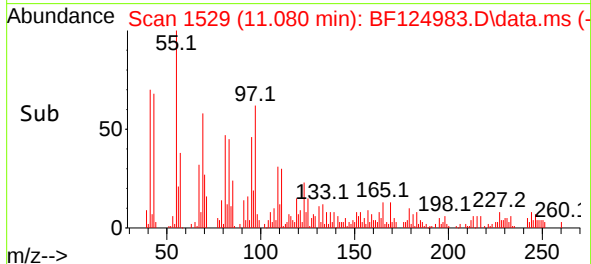
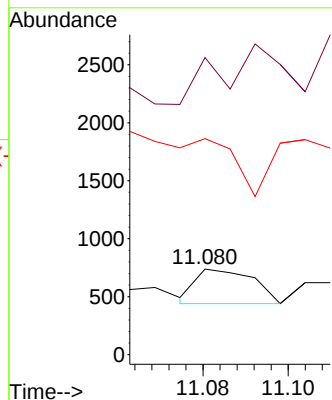
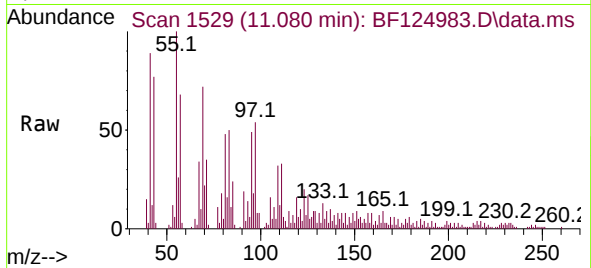




#69
Atrazine
Concen: 2.08 ng
RT: 11.080 min Scan# 1529
Delta R.T. 0.030 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

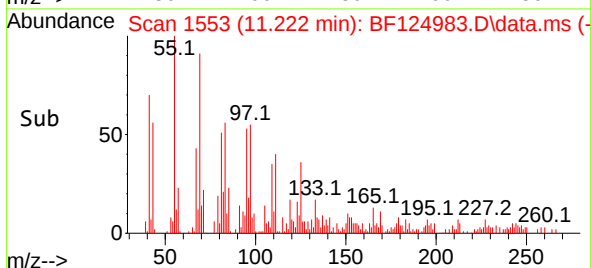
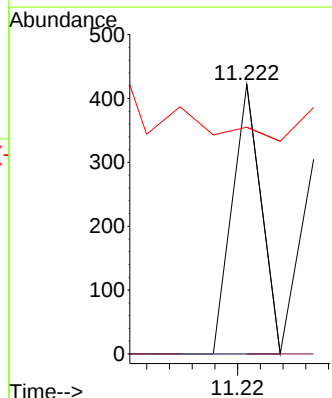
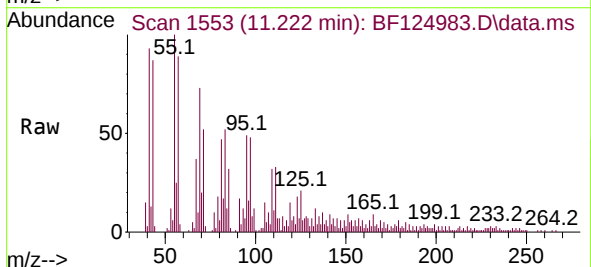
Instrument :
BNA_F
ClientSampled :
26562

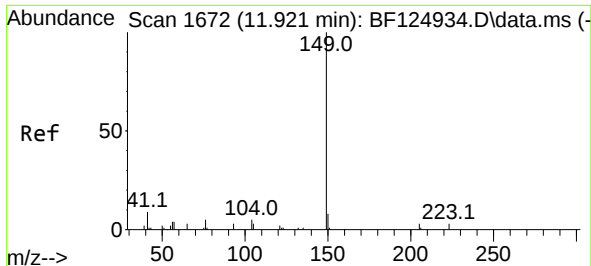
Tgt Ion:200 Resp: 278
Ion Ratio Lower Upper
200 100
173 347.3 11.1 51.1#
215 252.4 22.7 62.7#



#70
Pentachlorophenol
Concen: 5.43 ng
RT: 11.222 min Scan# 1553
Delta R.T. 0.065 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

Tgt Ion:266 Resp: 149
Ion Ratio Lower Upper
266 100
268 0.0 48.9 73.3#
264 84.1 55.9 83.9#

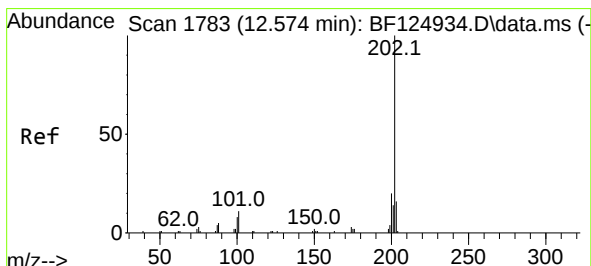
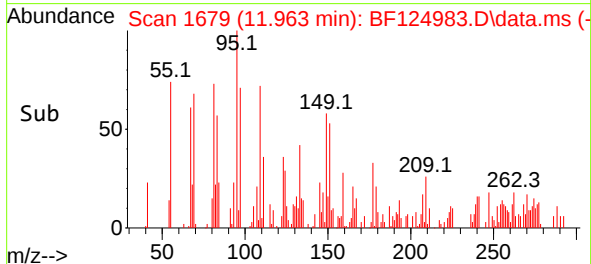
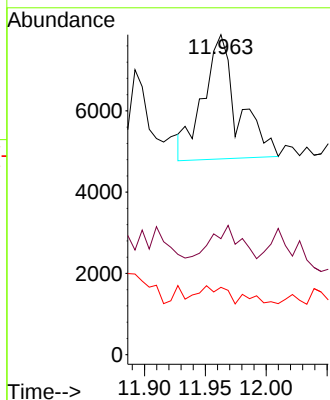
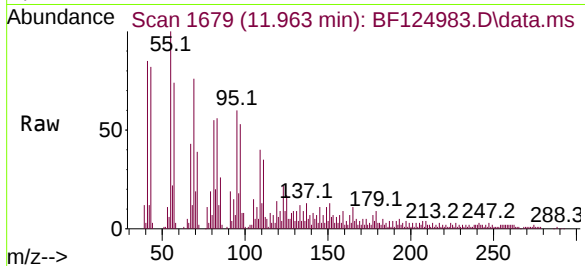




#74
Di-n-butylphthalate
Concen: 6.96 ng
RT: 11.963 min Scan# 1679
Delta R.T. 0.053 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

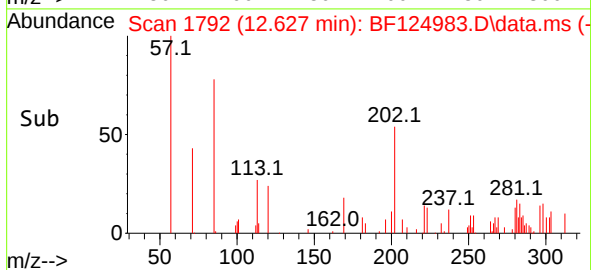
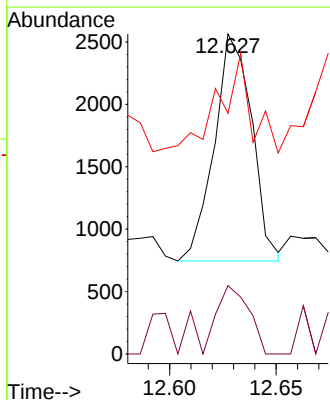
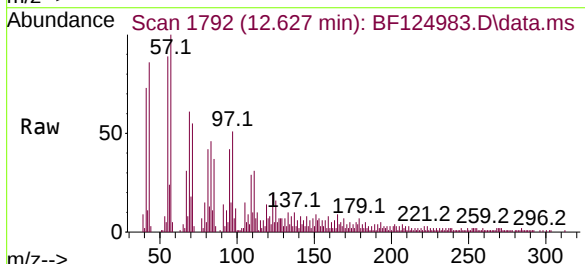
Instrument :
BNA_F
ClientSampled :
26562

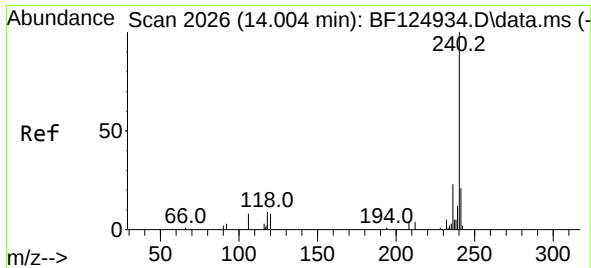
Tgt Ion:149 Resp: 6074
Ion Ratio Lower Upper
149 100
150 36.3 7.4 11.2#
104 21.1 4.1 6.1#



#75
Fluoranthene
Concen: 2.88 ng
RT: 12.627 min Scan# 1792
Delta R.T. 0.065 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

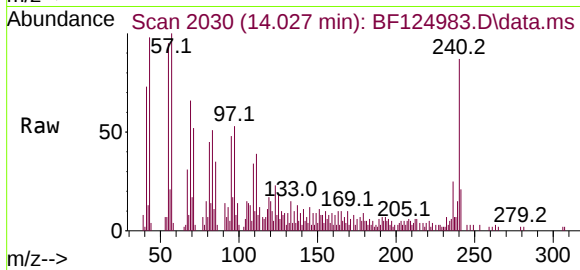
Tgt Ion:202 Resp: 2225
Ion Ratio Lower Upper
202 100
101 21.3 0.0 30.7
203 75.2 0.0 36.3#



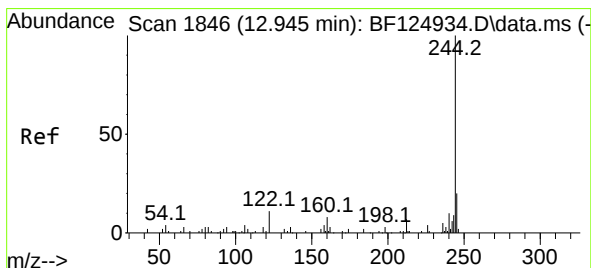
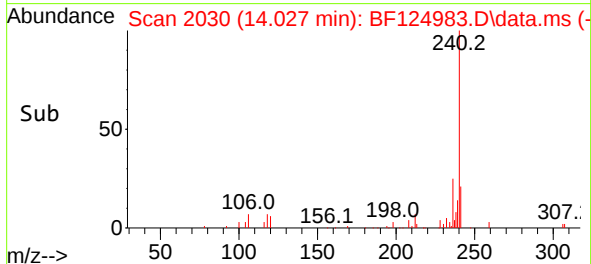
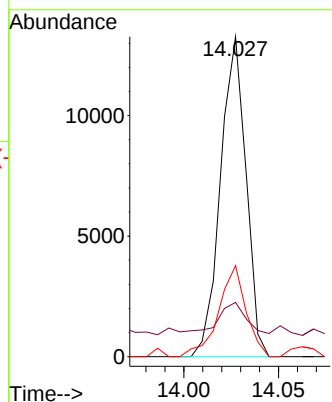


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.036 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

Instrument :
BNA_F
ClientSampled :
26562

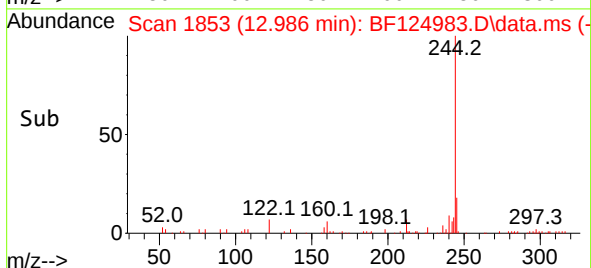
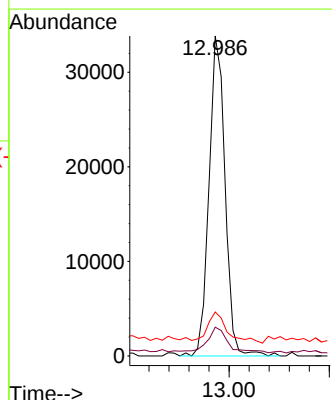
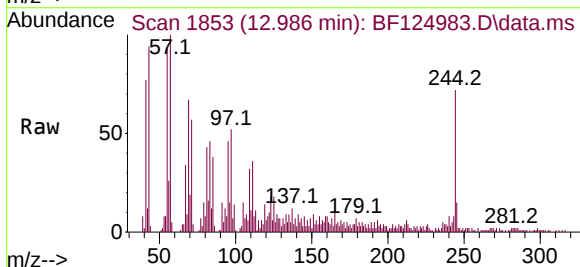


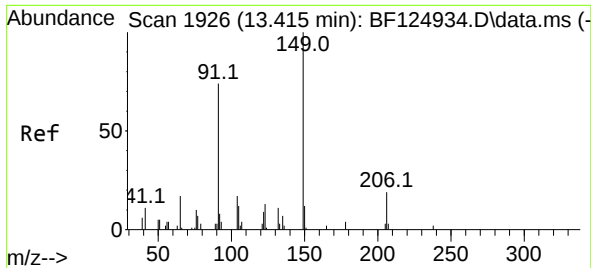
Tgt Ion:240 Resp: 12442
Ion Ratio Lower Upper
240 100
120 17.0 10.8 16.2#
236 28.5 21.6 32.4



#79
Terphenyl-d14
Concen: 51.23 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.047 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

Tgt Ion:244 Resp: 37788
Ion Ratio Lower Upper
244 100
212 9.0 5.9 8.9#
122 13.8 9.0 13.4#

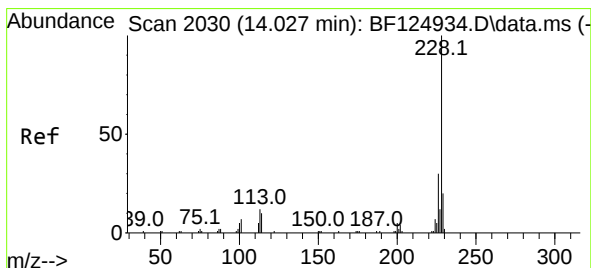
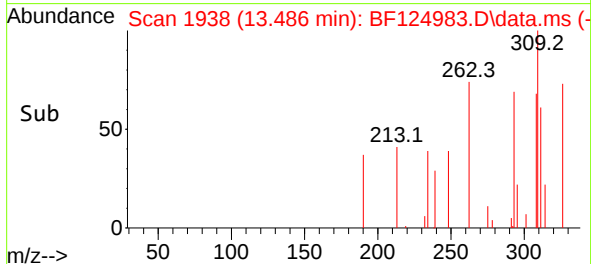
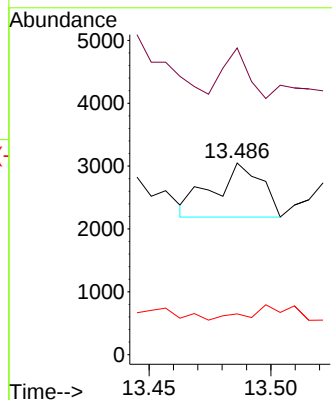
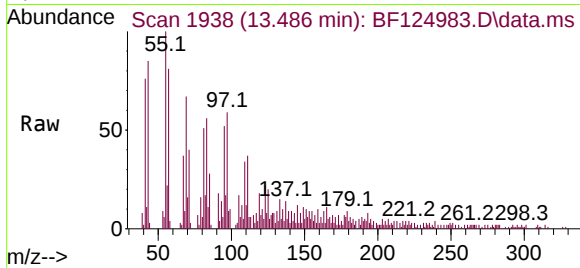




#80
Butylbenzylphthalate
Concen: 2.69 ng
RT: 13.486 min Scan# 1938
Delta R.T. 0.077 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

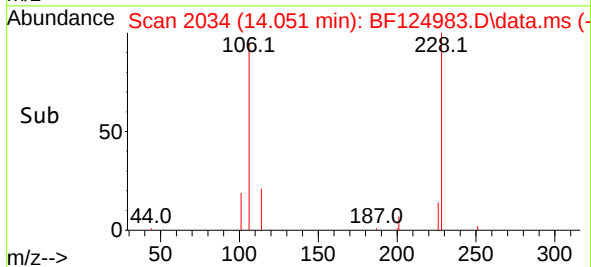
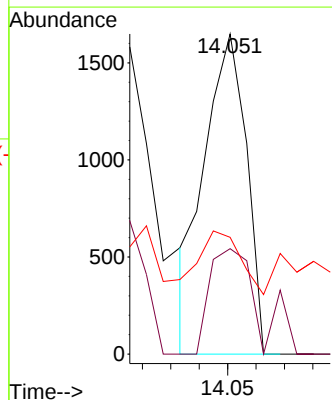
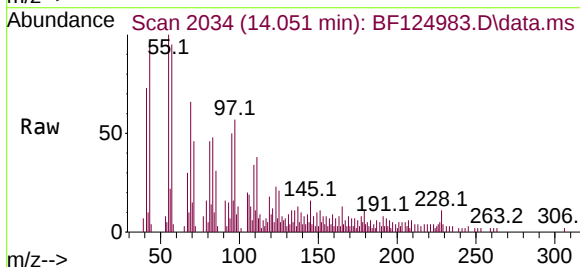
Instrument :
BNA_F
ClientSampled :
26562

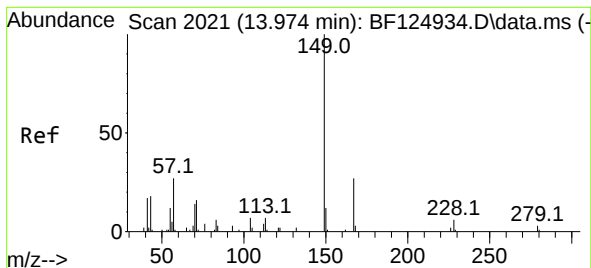
Tgt Ion:149 Resp: 1174
Ion Ratio Lower Upper
149 100
91 160.0 51.8 77.8#
206 21.3 14.5 21.7



#83
Chrysene
Concen: 2.15 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.030 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

Tgt Ion:228 Resp: 1684
Ion Ratio Lower Upper
228 100
226 32.9 22.6 34.0
229 36.4 15.9 23.9#

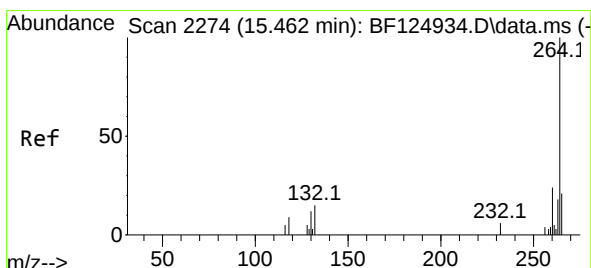
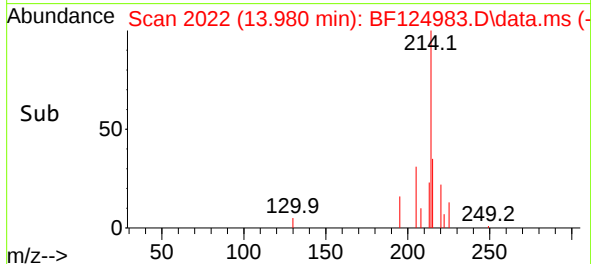
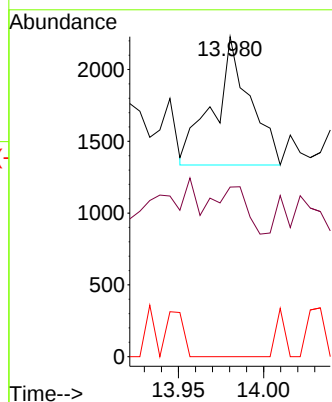
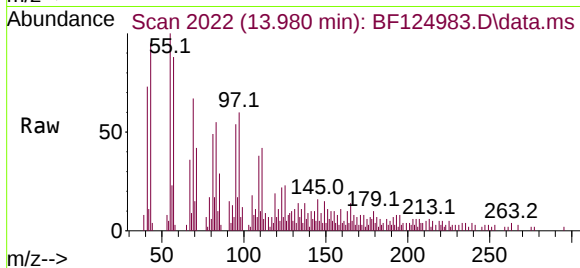




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.18 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.018 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

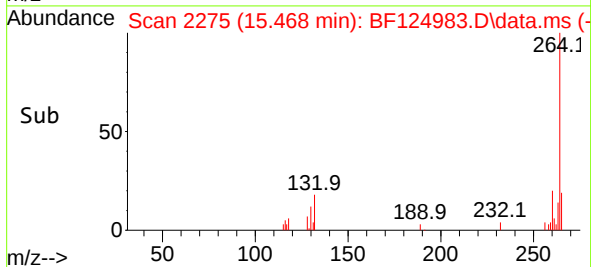
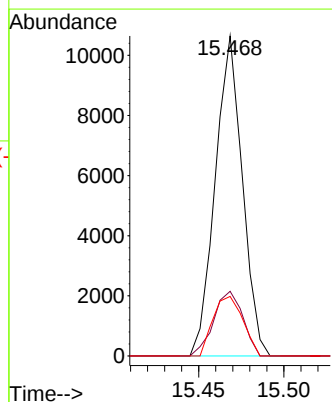
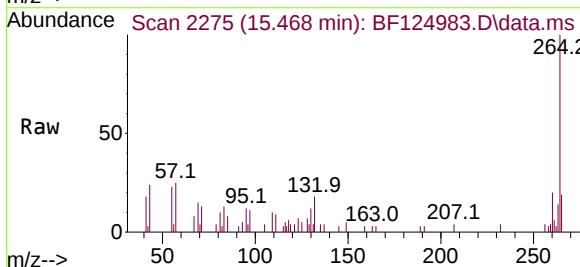
Instrument :
BNA_F
ClientSampleId :
26562

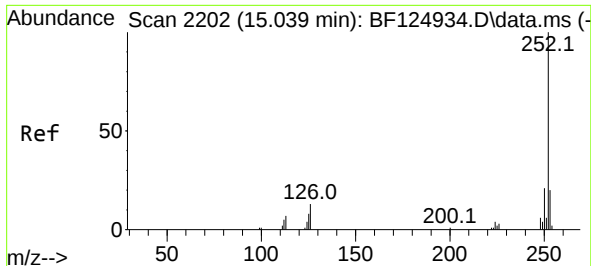
Tgt Ion:149 Resp: 1321
Ion Ratio Lower Upper
149 100
167 53.0 21.4 32.0#
279 0.0 2.6 4.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.468 min Scan# 2275
Delta R.T. 0.024 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

Tgt Ion:264 Resp: 11786
Ion Ratio Lower Upper
264 100
260 20.2 19.6 29.4
265 18.6 17.2 25.8

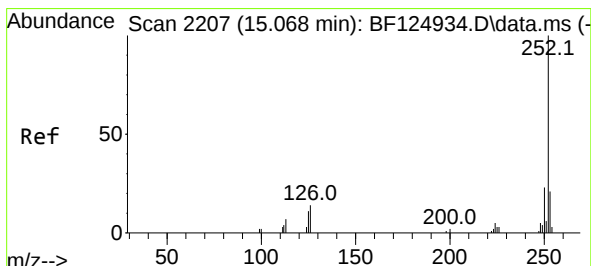
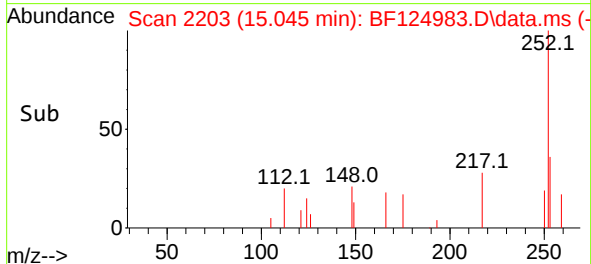
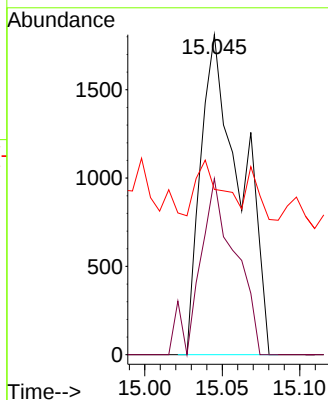
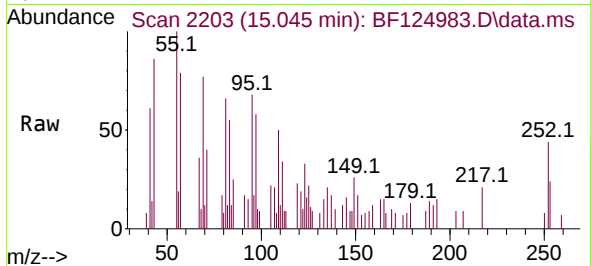




#88
Benzo(b)fluoranthene
Concen: 3.90 ng
RT: 15.045 min Scan# 2203
Delta R.T. 0.024 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

Instrument :
BNA_F
ClientSampleId :
26562

Tgt Ion:252 Resp: 3231
Ion Ratio Lower Upper
252 100
253 55.0 16.8 25.2#
125 51.7 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 4.29 ng
RT: 15.045 min Scan# 2203
Delta R.T. -0.006 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

Tgt Ion:252 Resp: 3231
Ion Ratio Lower Upper
252 100
253 55.0 17.8 26.8#
125 51.7 7.2 10.8#

