

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
 Data File : BF126371.D
 Acq On : 27 Dec 2021 23:17
 Operator : JU/CG
 Sample : M5219-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M21013-N48854-1040

Quant Time: Dec 28 06:01:20 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

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

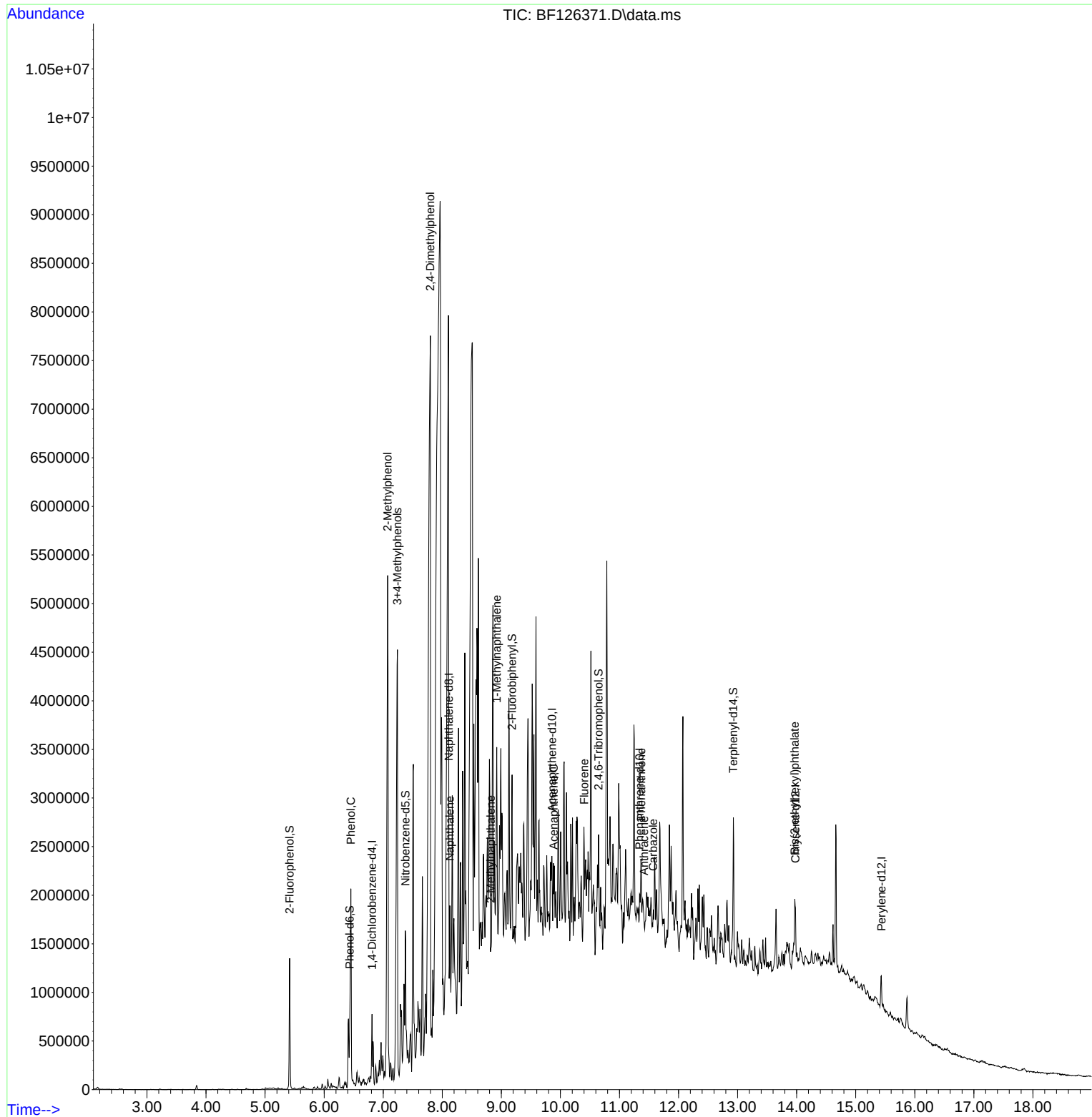
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	86752	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	185927	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	105725	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	182765	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	180546	20.000	ng	0.00
86) Perylene-d12	15.433	264	159388	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	386111	65.544	ng	-0.01
7) Phenol-d6	6.434	99	272730	36.462	ng	-0.01
23) Nitrobenzene-d5	7.375	82	469950	136.893	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	117860	138.715	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	538737	89.372	ng	0.00
79) Terphenyl-d14	12.927	244	545706	52.535	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.451	94	723679	86.191	ng	92
17) 2-Methylphenol	7.075	107	1323602	252.922	ng	94
20) 3+4-Methylphenols	7.240	107	1502374	242.836	ng	# 78
27) 2,4-Dimethylphenol	7.798	122	3294053	1255.534	ng	# 93
31) Naphthalene	8.128	128	362386	41.678	ng	99
37) 2-Methylnaphthalene	8.822	142	24681	4.609	ng	95
38) 1-Methylnaphthalene	8.922	142	538503	103.628	ng	94
52) Acenaphthene	9.886	154	59389	10.190	ng	96
58) Fluorene	10.404	166	87170	15.174	ng	# 93
71) Phenanthrene	11.369	178	285972	30.316	ng	# 95
72) Anthracene	11.416	178	20762	2.193	ng	# 68
73) Carbazole	11.569	167	40176	4.506	ng	# 56
84) Bis(2-ethylhexyl)phtha...	13.969	149	146633	16.811	ng	99

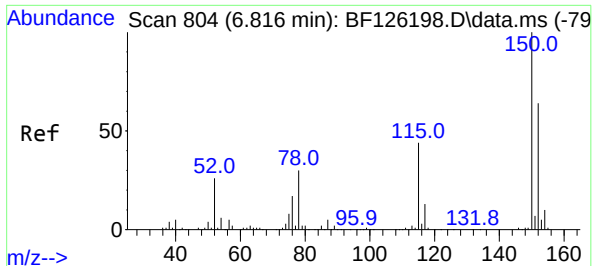
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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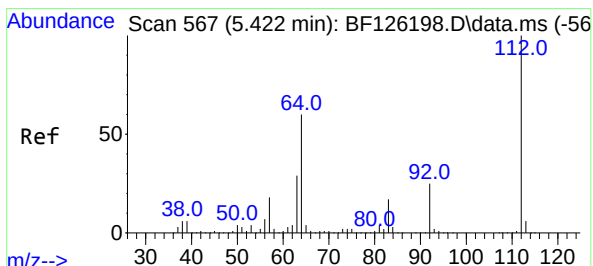
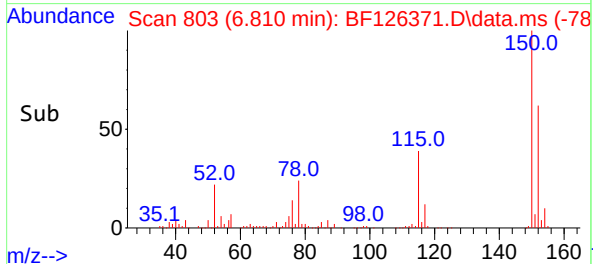
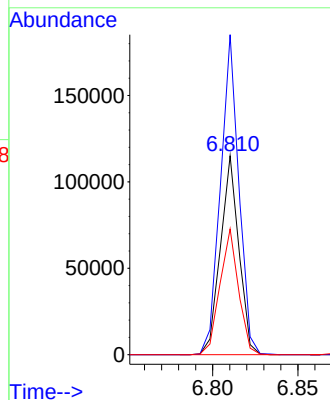
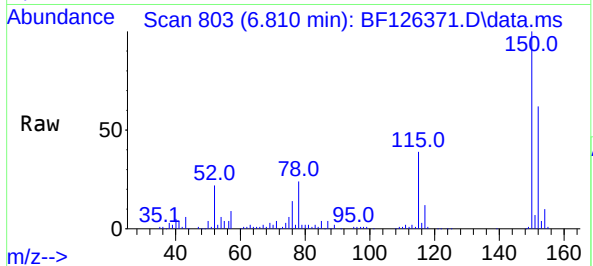




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF126371.D
Acq: 27 Dec 2021 23:17

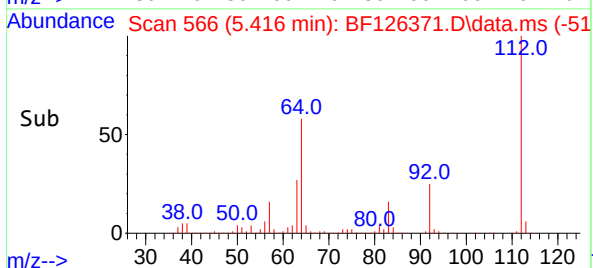
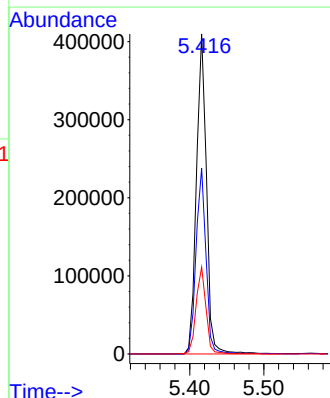
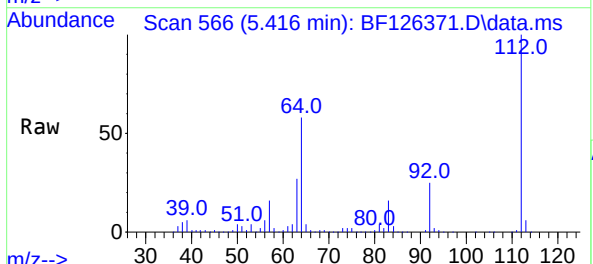
Instrument :
BNA_F
ClientSampleId :
M21013-N48854-1040

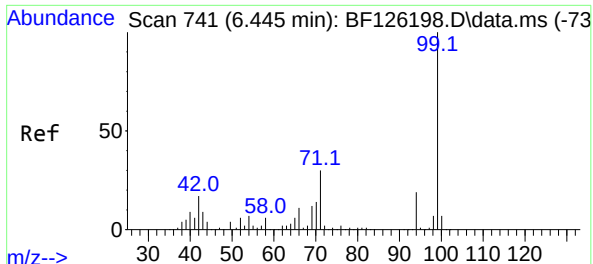
Tgt Ion:152 Resp: 86752
Ion Ratio Lower Upper
152 100
150 160.9 117.6 176.4
115 63.2 47.1 70.7



#5
2-Fluorophenol
Concen: 65.544 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF126371.D
Acq: 27 Dec 2021 23:17

Tgt Ion:112 Resp: 386111
Ion Ratio Lower Upper
112 100
64 58.1 44.2 66.2
63 27.2 26.2 39.2

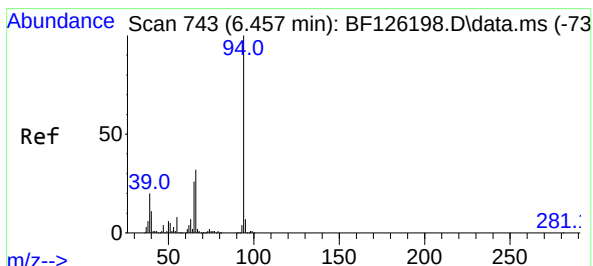
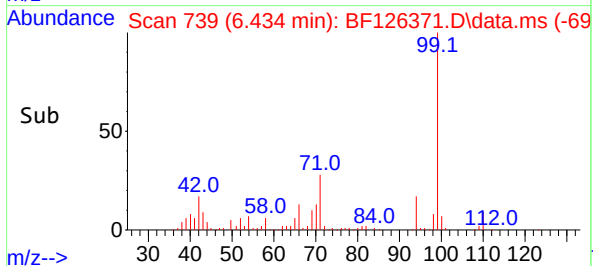
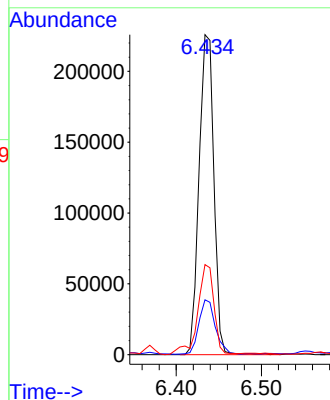
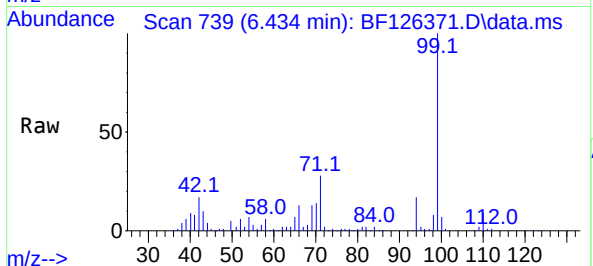




#7
Phenol-d6
Concen: 36.462 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126371.D
Acq: 27 Dec 2021 23:17

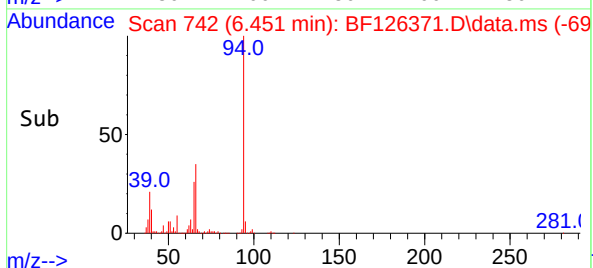
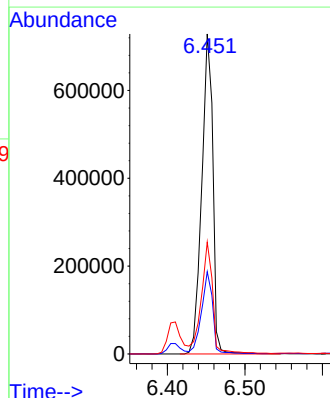
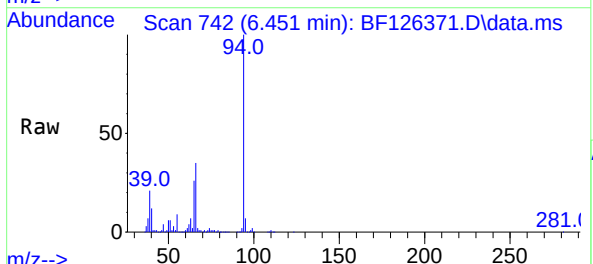
Instrument :
BNA_F
ClientSampleId :
M21013-N48854-1040

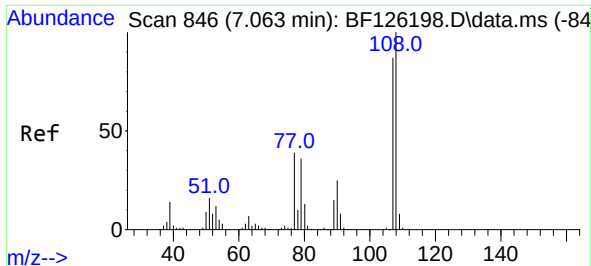
Tgt Ion: 99 Resp: 272730
Ion Ratio Lower Upper
99 100
42 17.1 23.5 35.3#
71 28.2 25.6 38.4



#10
Phenol
Concen: 86.191 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF126371.D
Acq: 27 Dec 2021 23:17

Tgt Ion: 94 Resp: 723679
Ion Ratio Lower Upper
94 100
65 25.7 9.3 49.3
66 35.0 20.3 60.3

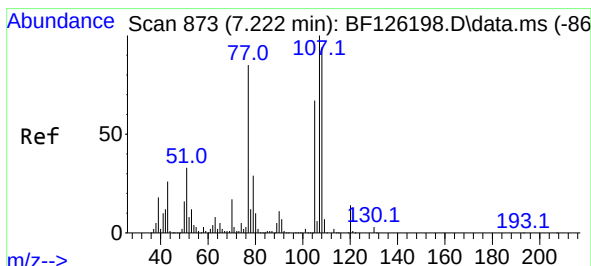
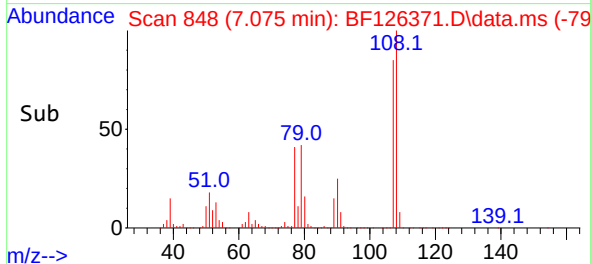
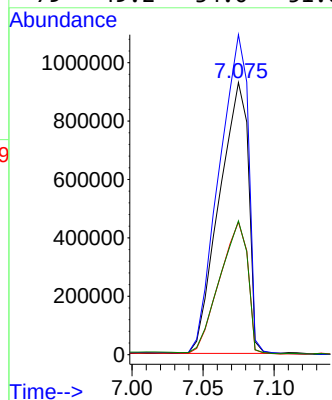
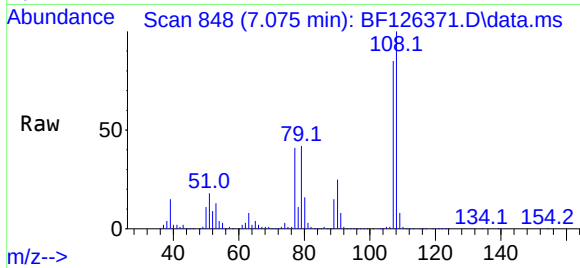




#17
2-Methylphenol
Concen: 252.922 ng
RT: 7.075 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF126371.D
Acq: 27 Dec 2021 23:17

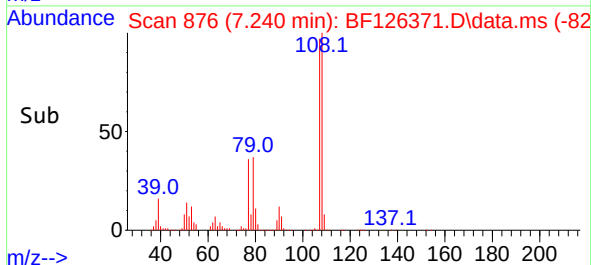
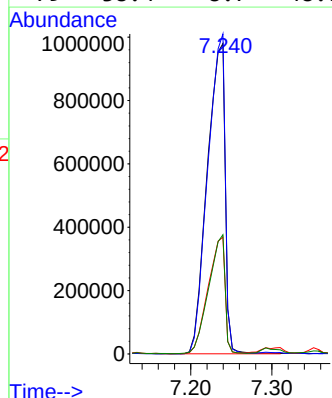
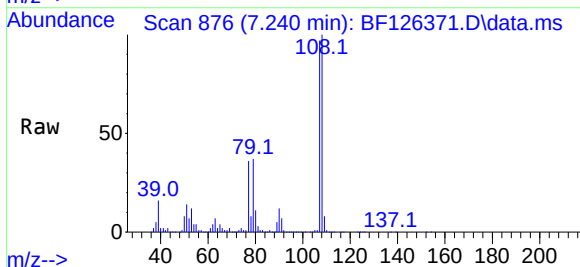
Instrument :
BNA_F
ClientSampleId :
M21013-N48854-1040

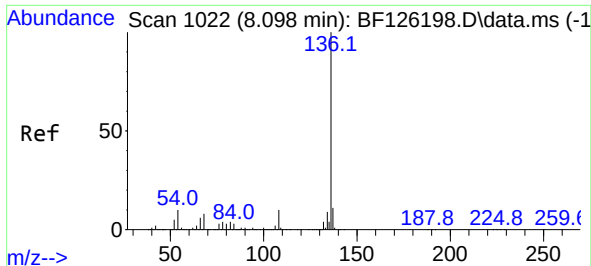
Tgt Ion:107 Resp: 1323602
Ion Ratio Lower Upper
107 100
108 117.6 90.6 135.8
77 48.7 35.7 53.5
79 49.2 34.0 51.0



#20
3+4-Methylphenols
Concen: 242.836 ng
RT: 7.240 min Scan# 876
Delta R.T. 0.018 min
Lab File: BF126371.D
Acq: 27 Dec 2021 23:17

Tgt Ion:107 Resp: 1502374
Ion Ratio Lower Upper
107 100
108 103.1 76.6 116.6
77 37.6 53.3 93.3#
79 38.4 8.7 48.7



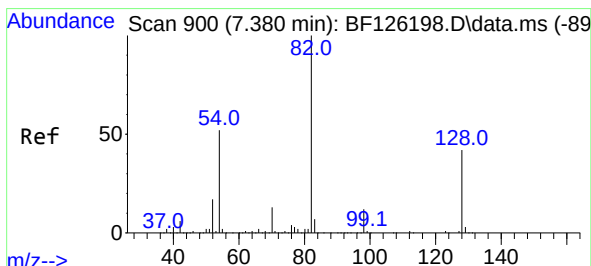
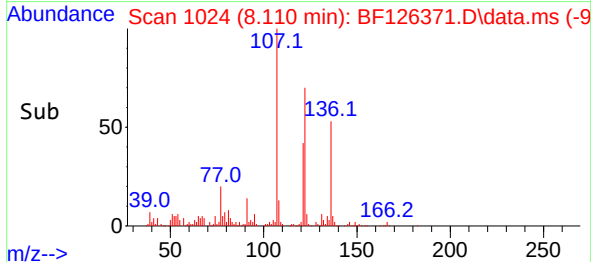
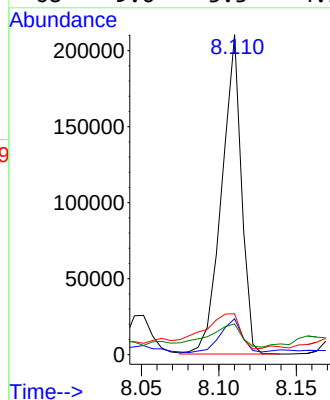
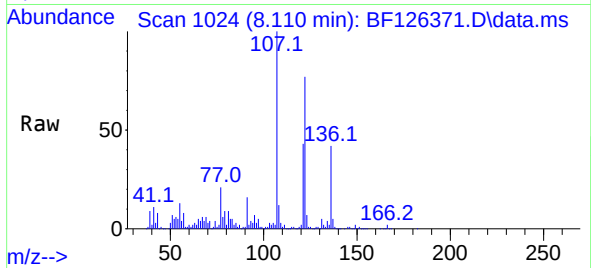


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BF126371.D
Acq: 27 Dec 2021 23:17

Instrument :
BNA_F
ClientSampleId :
M21013-N48854-1040

Tgt Ion:136 Resp: 185927

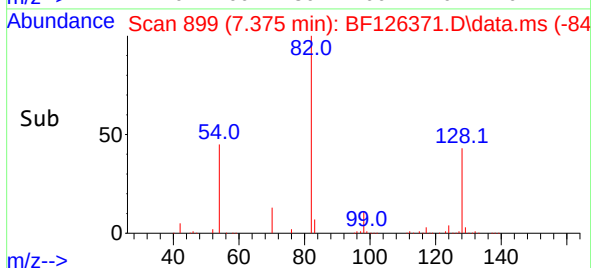
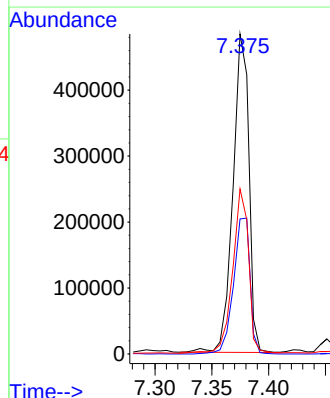
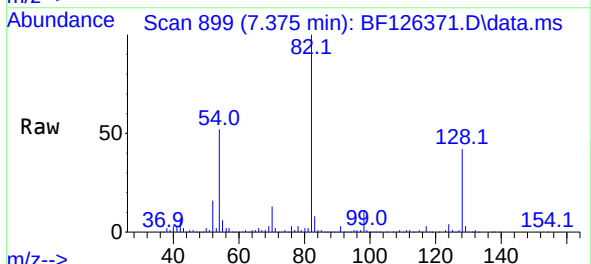
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.8	14.6
54	12.8	6.4	9.6#
68	9.6	3.3	4.9#

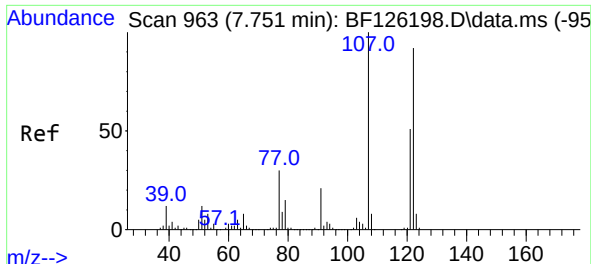


#23
Nitrobenzene-d5
Concen: 136.893 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126371.D
Acq: 27 Dec 2021 23:17

Tgt Ion: 82 Resp: 469950

Ion	Ratio	Lower	Upper
82	100		
128	42.2	40.6	60.8
54	51.6	49.6	74.4

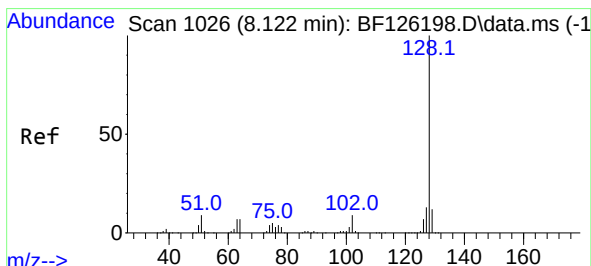
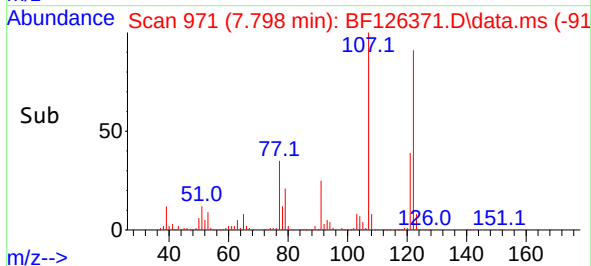
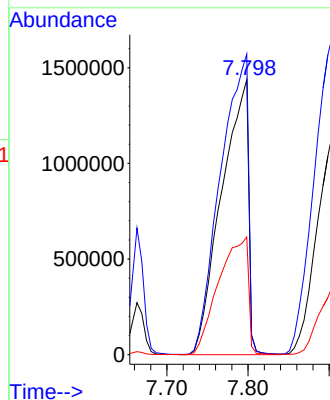
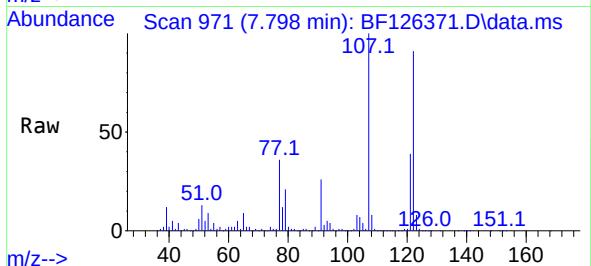




#27
2,4-Dimethylphenol
Concen: 1255.534 ng
RT: 7.798 min Scan# 91
Delta R.T. 0.047 min
Lab File: BF126371.D
Acq: 27 Dec 2021 23:17

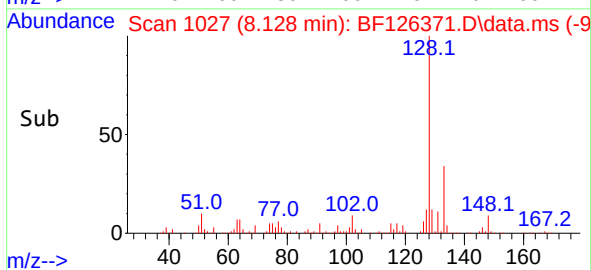
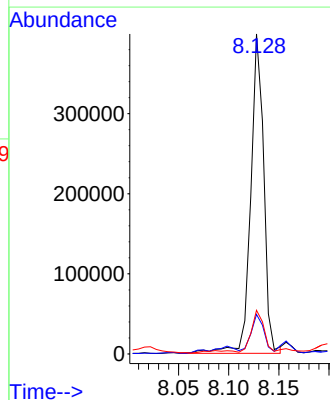
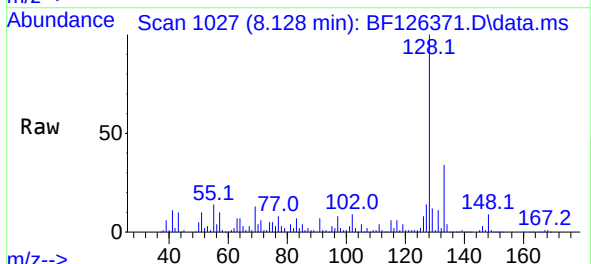
Instrument :
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ClientSampleId :
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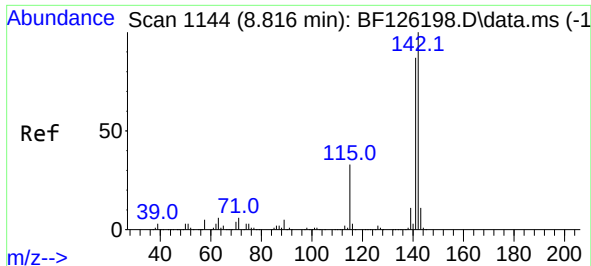
Tgt Ion:122 Resp: 3294053
Ion Ratio Lower Upper
122 100
107 109.4 85.0 127.6
121 42.9 43.3 64.9#



#31
Naphthalene
Concen: 41.678 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF126371.D
Acq: 27 Dec 2021 23:17

Tgt Ion:128 Resp: 362386
Ion Ratio Lower Upper
128 100
129 12.4 9.4 14.0
127 13.7 10.9 16.3





#37

2-Methylnaphthalene

Concen: 4.609 ng

RT: 8.822 min Scan# 1145

Delta R.T. 0.006 min

Lab File: BF126371.D

Acq: 27 Dec 2021 23:17

Instrument :

BNA_F

ClientSampleId :

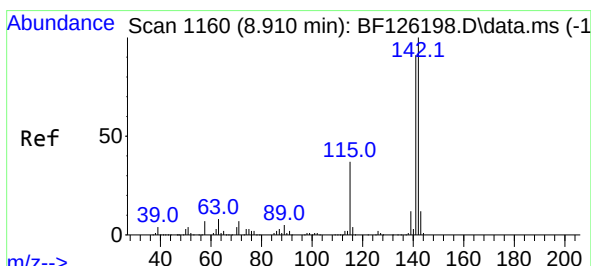
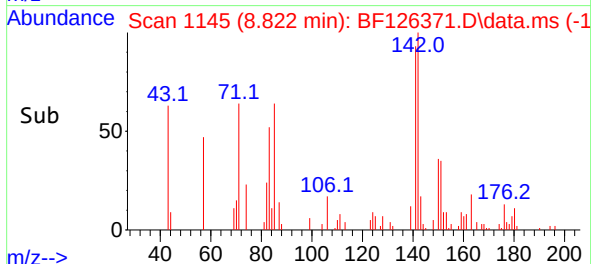
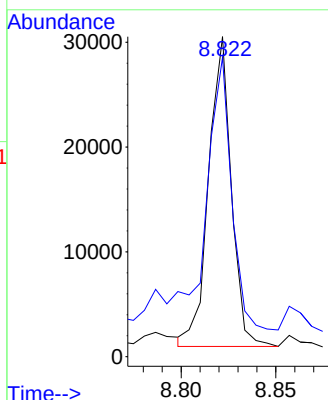
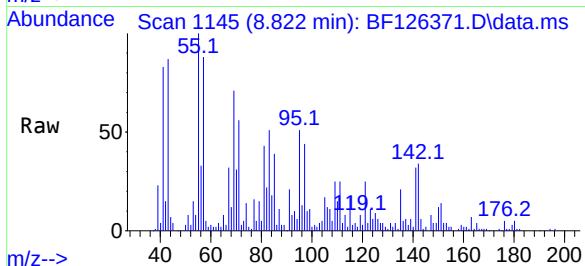
M21013-N48854-1040

Tgt Ion:142 Resp: 24681

Ion Ratio Lower Upper

142 100

141 93.5 71.2 106.8



#38

1-Methylnaphthalene

Concen: 103.628 ng

RT: 8.922 min Scan# 1162

Delta R.T. 0.006 min

Lab File: BF126371.D

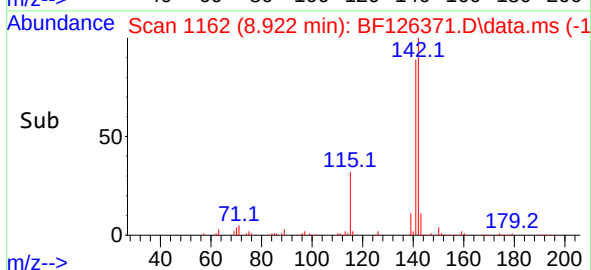
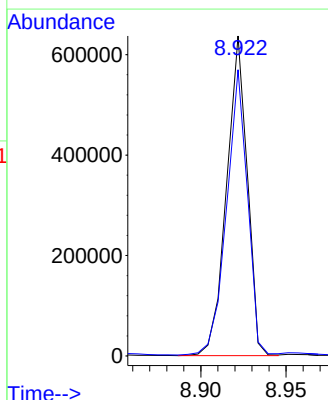
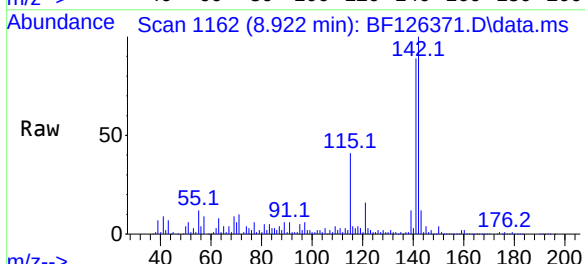
Acq: 27 Dec 2021 23:17

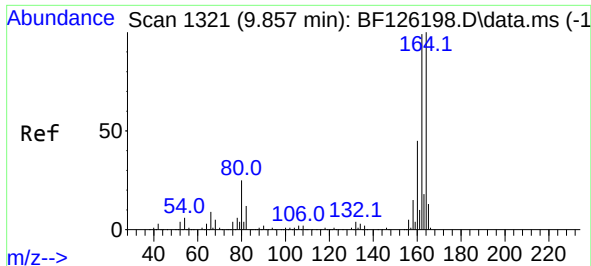
Tgt Ion:142 Resp: 538503

Ion Ratio Lower Upper

142 100

141 89.5 76.0 114.0

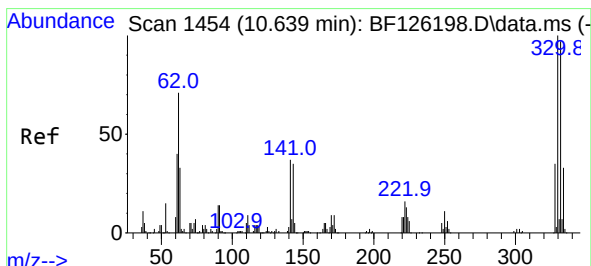
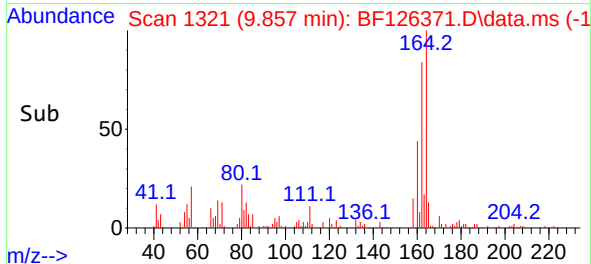
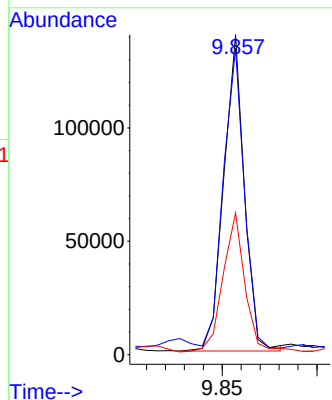
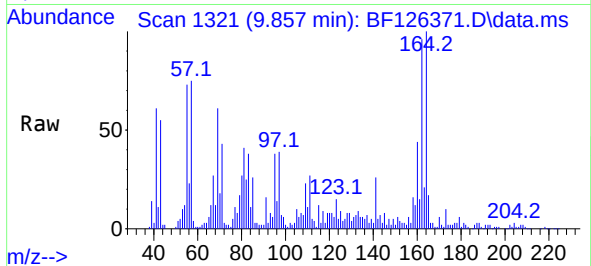




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126371.D
Acq: 27 Dec 2021 23:17

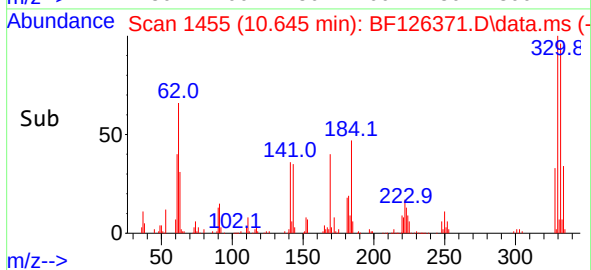
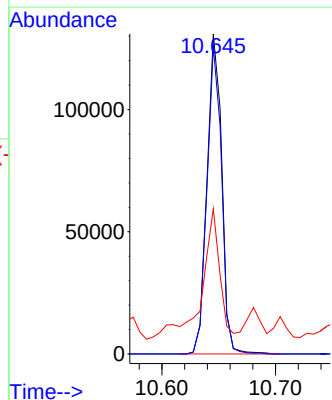
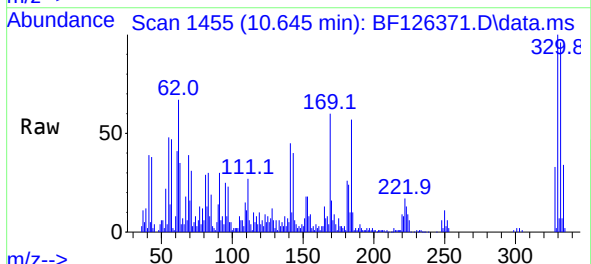
Instrument :
BNA_F
ClientSampleId :
M21013-N48854-1040

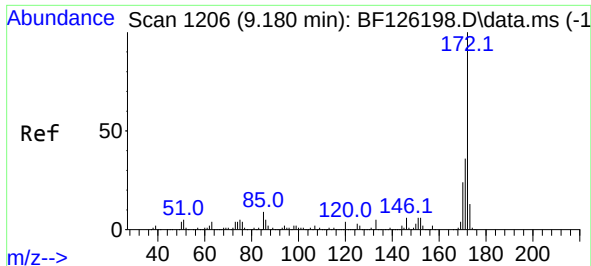
Tgt Ion:164 Resp: 105725
Ion Ratio Lower Upper
164 100
162 95.7 81.3 121.9
160 44.3 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 138.715 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF126371.D
Acq: 27 Dec 2021 23:17

Tgt Ion:330 Resp: 117860
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 50.5 44.6 66.8

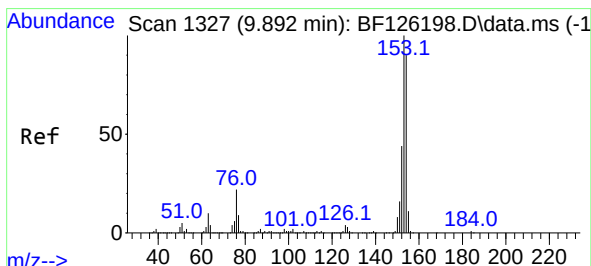
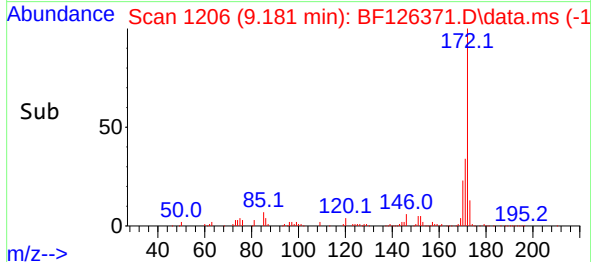
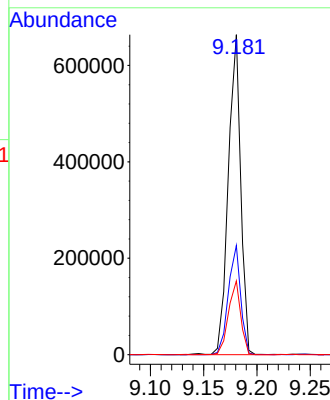
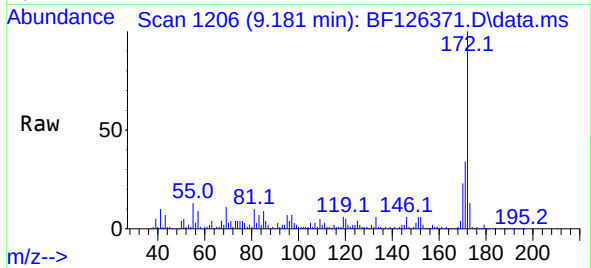




#45
2-Fluorobiphenyl
Concen: 89.372 ng
RT: 9.181 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126371.D
Acq: 27 Dec 2021 23:17

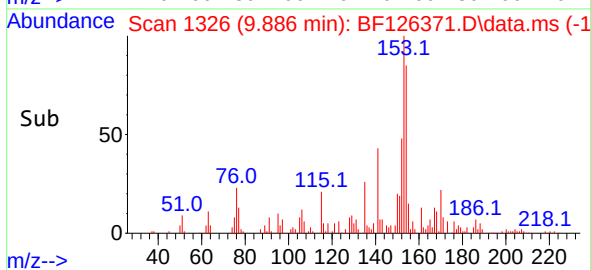
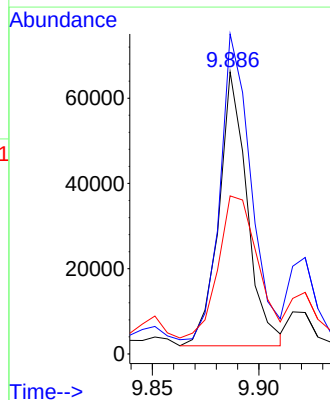
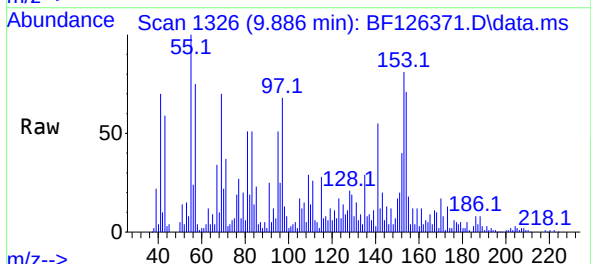
Instrument :
BNA_F
ClientSampleId :
M21013-N48854-1040

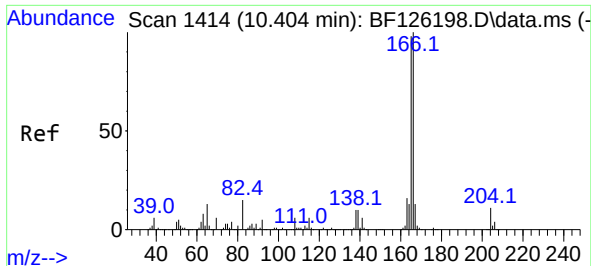
Tgt Ion:172 Resp: 538737
Ion Ratio Lower Upper
172 100
171 34.1 26.5 39.7
170 23.1 18.8 28.2



#52
Acenaphthene
Concen: 10.190 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126371.D
Acq: 27 Dec 2021 23:17

Tgt Ion:154 Resp: 59389
Ion Ratio Lower Upper
154 100
153 113.5 89.4 134.2
152 56.1 40.5 60.7

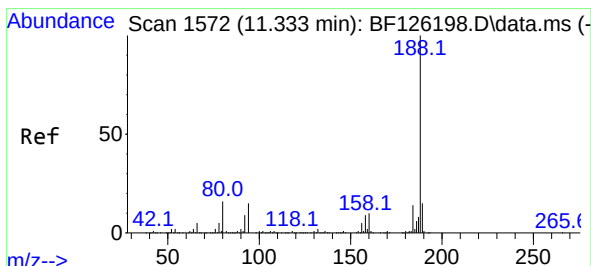
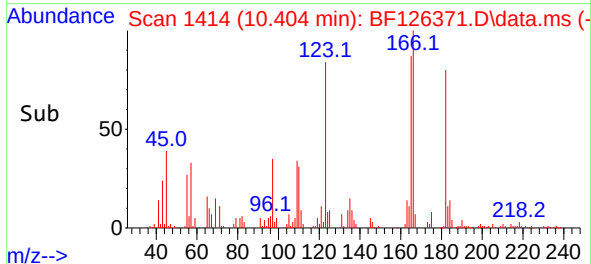
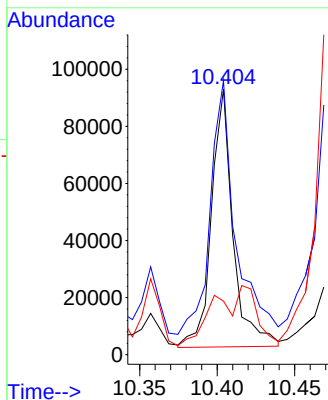
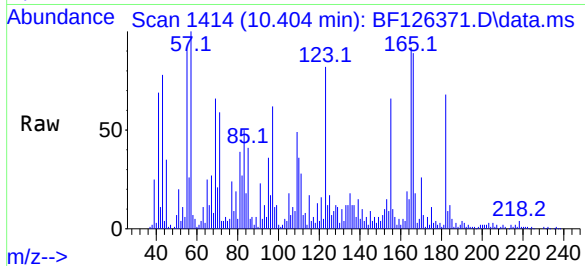




#58
Fluorene
Concen: 15.174 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF126371.D
Acq: 27 Dec 2021 23:17

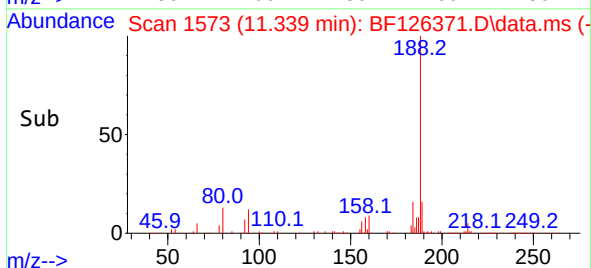
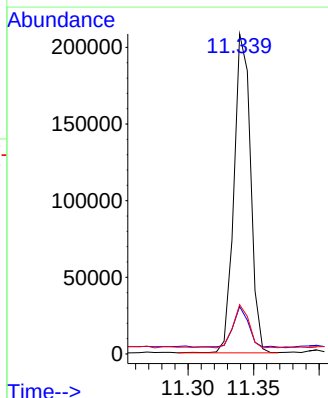
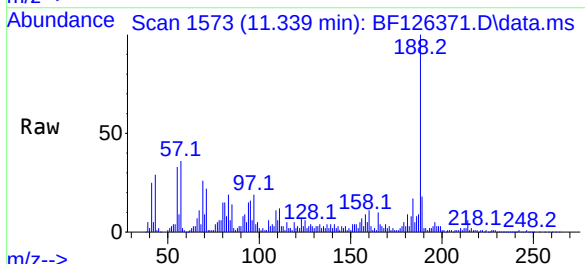
Instrument :
BNA_F
ClientSampleId :
M21013-N48854-1040

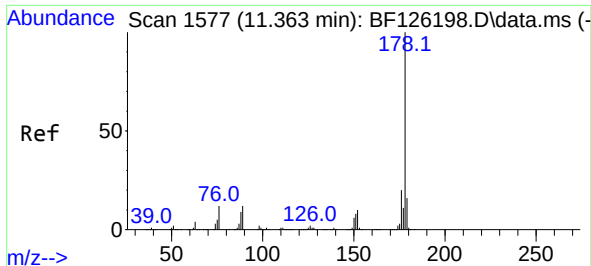
Tgt Ion:166 Resp: 87170
Ion Ratio Lower Upper
166 100
165 103.3 78.1 117.1
167 20.2 11.1 16.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF126371.D
Acq: 27 Dec 2021 23:17

Tgt Ion:188 Resp: 182765
Ion Ratio Lower Upper
188 100
94 14.8 6.7 10.1#
80 15.4 7.5 11.3#

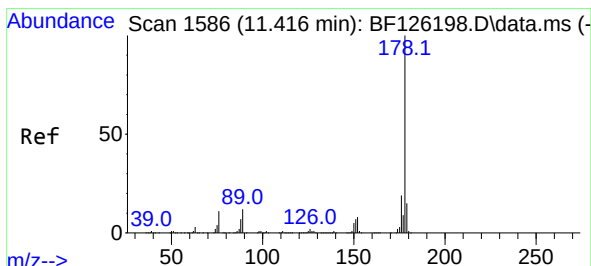
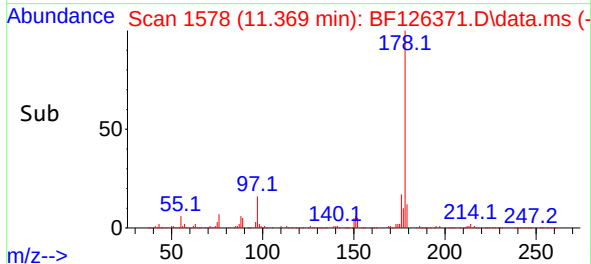
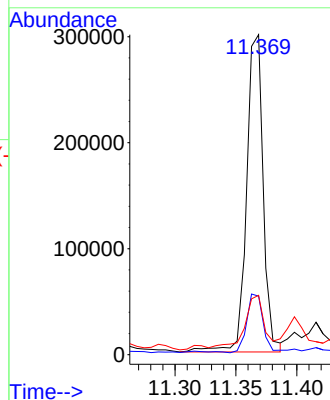
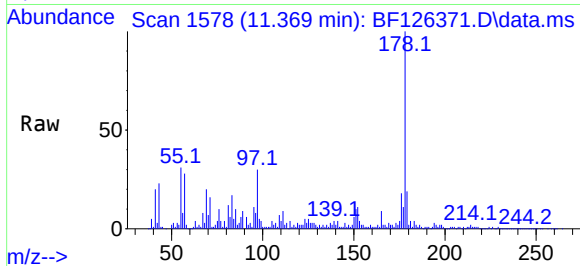




#71
Phenanthrene
Concen: 30.316 ng
RT: 11.369 min Scan# 1577
Delta R.T. 0.006 min
Lab File: BF126371.D
Acq: 27 Dec 2021 23:17

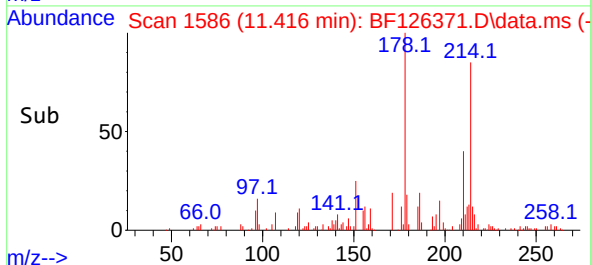
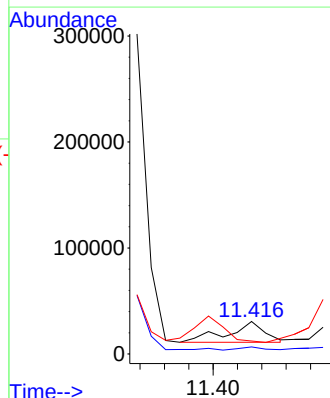
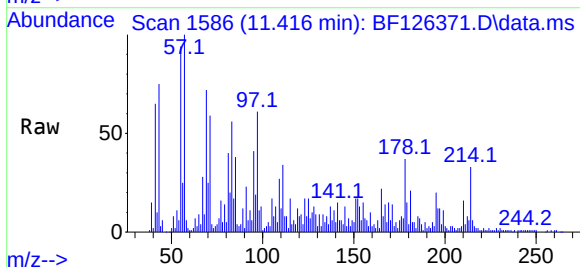
Instrument :
BNA_F
ClientSampleId :
M21013-N48854-1040

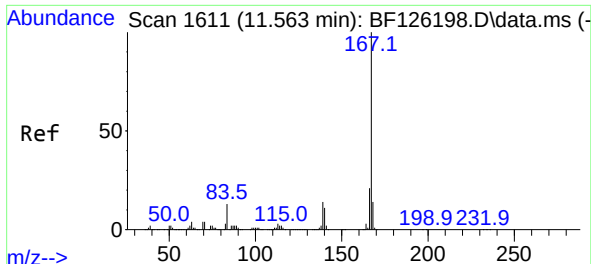
Tgt Ion:178 Resp: 285972
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 18.6 11.5 17.3#



#72
Anthracene
Concen: 2.193 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF126371.D
Acq: 27 Dec 2021 23:17

Tgt Ion:178 Resp: 20762
Ion Ratio Lower Upper
178 100
176 21.7 14.3 21.5#
179 39.9 12.2 18.4#

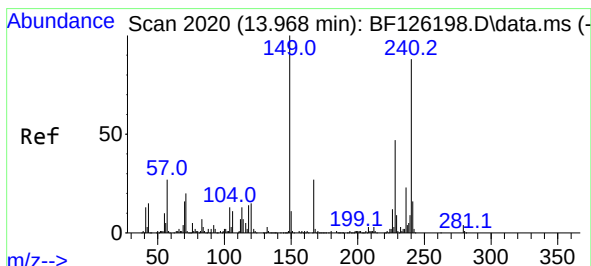
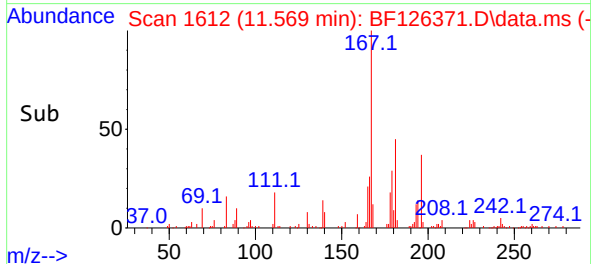
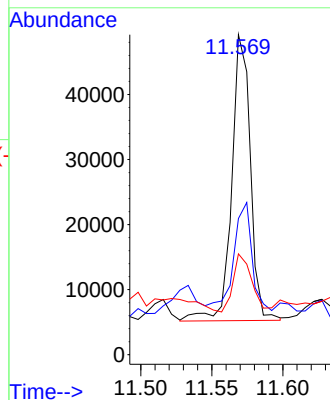
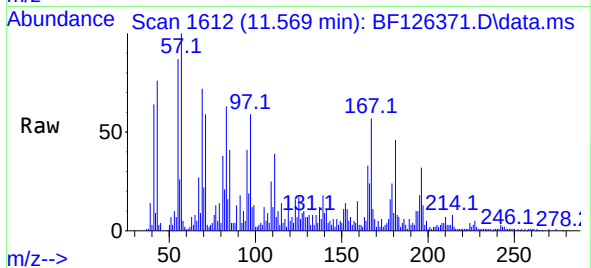




#73
 Carbazole
 Concen: 4.506 ng
 RT: 11.569 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BF126371.D
 Acq: 27 Dec 2021 23:17

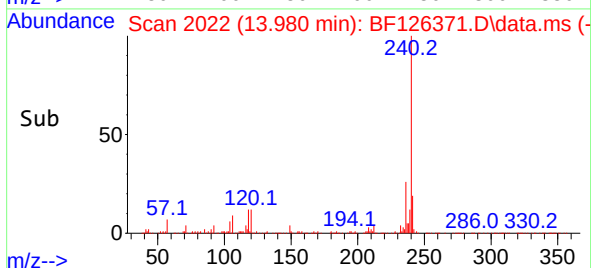
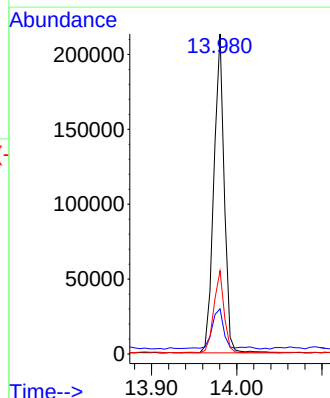
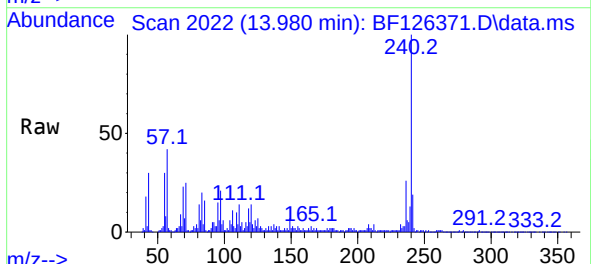
Instrument :
 BNA_F
 ClientSampleId :
 M21013-N48854-1040

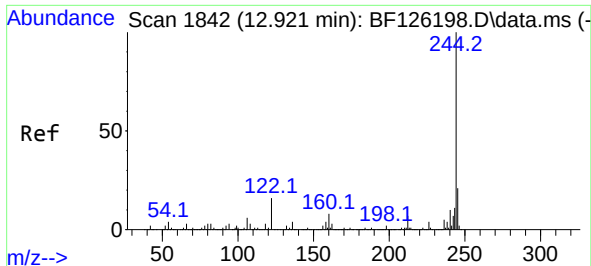
Tgt Ion:167 Resp: 40176
 Ion Ratio Lower Upper
 167 100
 166 42.6 17.4 26.0#
 139 31.5 11.0 16.4#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.980 min Scan# 2022
 Delta R.T. 0.000 min
 Lab File: BF126371.D
 Acq: 27 Dec 2021 23:17

Tgt Ion:240 Resp: 180546
 Ion Ratio Lower Upper
 240 100
 120 14.1 10.8 16.2
 236 26.0 21.6 32.4

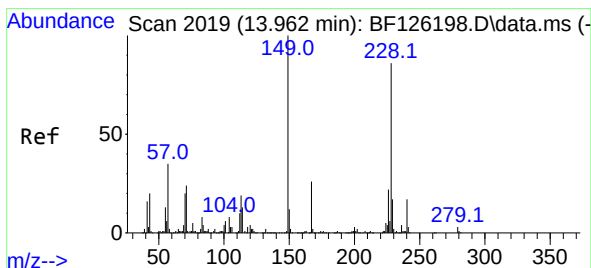
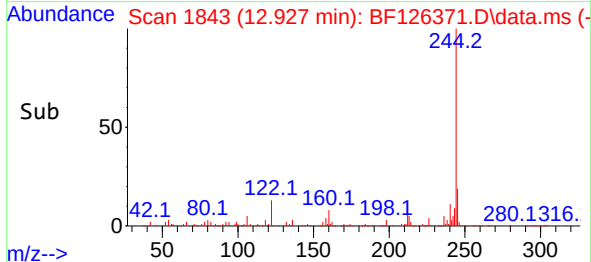
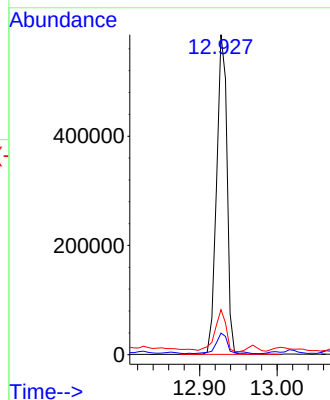
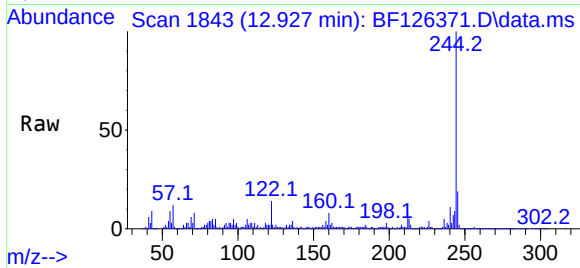




#79
 Terphenyl-d14
 Concen: 52.535 ng
 RT: 12.927 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF126371.D
 Acq: 27 Dec 2021 23:17

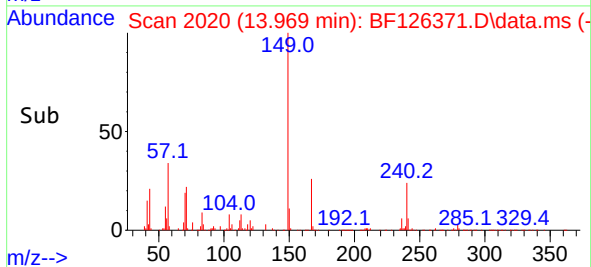
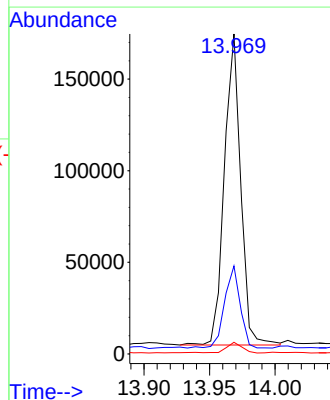
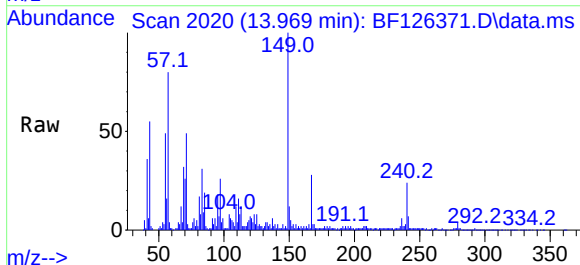
Instrument :
 BNA_F
 ClientSampleId :
 M21013-N48854-1040

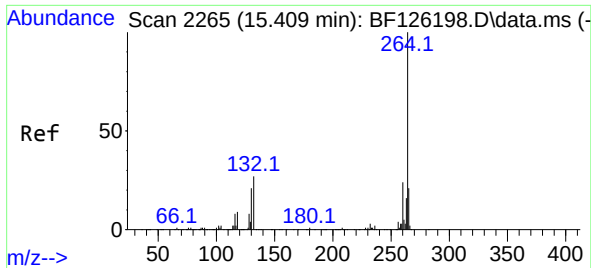
Tgt Ion:244 Resp: 545706
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 14.1 9.0 13.4#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 16.811 ng
 RT: 13.969 min Scan# 2020
 Delta R.T. 0.006 min
 Lab File: BF126371.D
 Acq: 27 Dec 2021 23:17

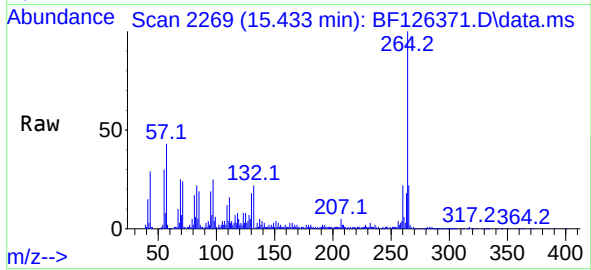
Tgt Ion:149 Resp: 146633
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.4 32.0
 279 3.6 2.6 4.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF126371.D
 Acq: 27 Dec 2021 23:17

Instrument :
 BNA_F
 ClientSampleId :
 M21013-N48854-1040



Tgt Ion:264 Resp: 159388
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.6 29.4
 265 21.8 17.2 25.8

