

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122821\
 Data File : BF126397.D
 Acq On : 28 Dec 2021 23:32
 Operator : JU/CG
 Sample : M5219-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M21013-N48854-1040

Quant Time: Dec 29 08:25:33 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)

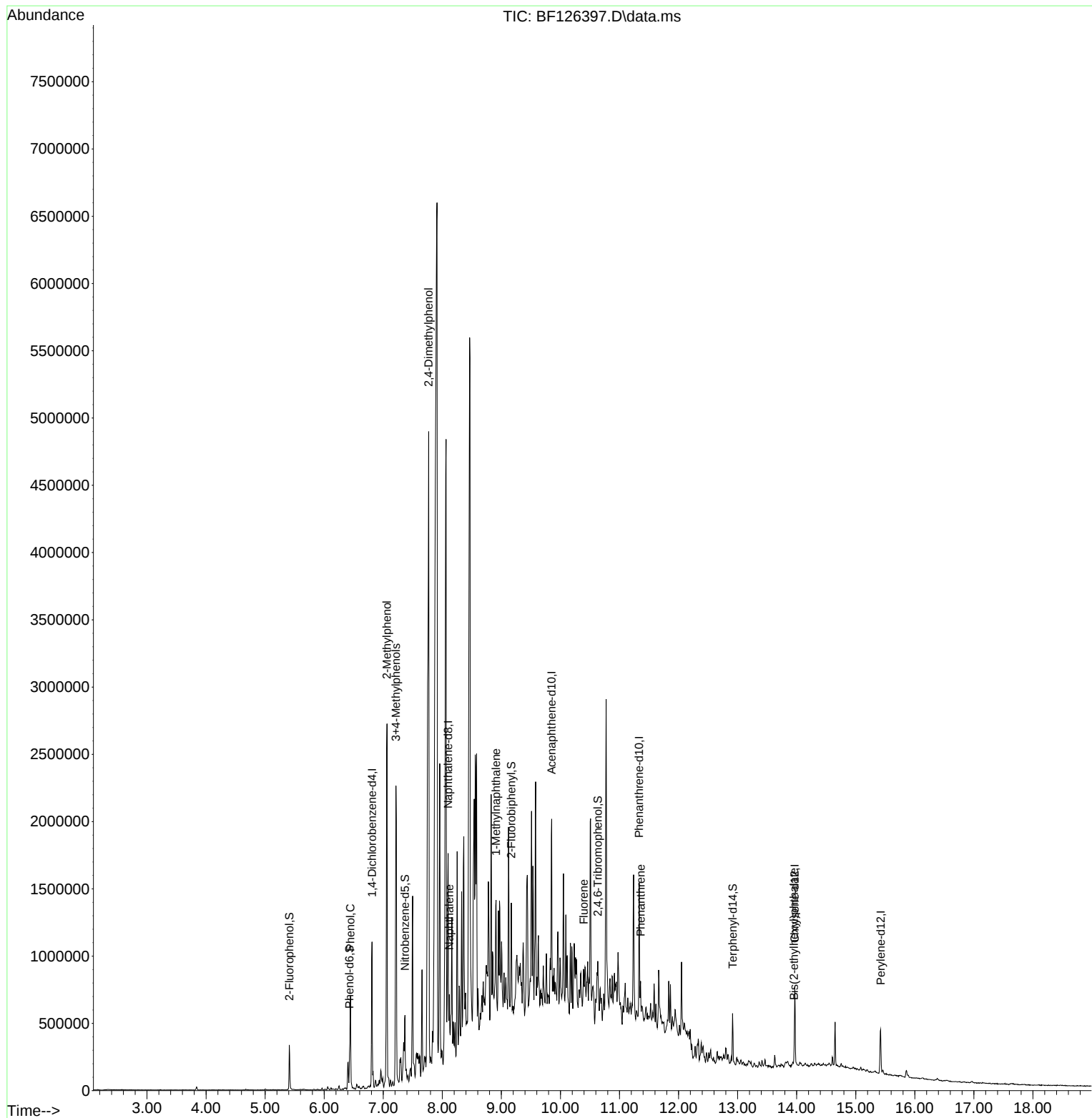
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	154138	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	636828	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	257907	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	349474	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	182726	20.000	ng	-0.01
86) Perylene-d12	15.421	264	146919	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	96825	9.251	ng	-0.02
7) Phenol-d6	6.428	99	80369	6.047	ng	-0.02
23) Nitrobenzene-d5	7.369	82	151539	12.888	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	31932	15.406	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	221010	15.030	ng	-0.01
79) Terphenyl-d14	12.915	244	99752	9.489	ng	-0.01
Target Compounds						
						Qvalue
10) Phenol	6.445	94	232678	15.597	ng	85
17) 2-Methylphenol	7.063	107	504521	54.260	ng	97
20) 3+4-Methylphenols	7.216	107	574594	52.272	ng	# 80
27) 2,4-Dimethylphenol	7.769	122	1384119	154.025	ng	# 92
31) Naphthalene	8.116	128	127190	4.271	ng	98
38) 1-Methylnaphthalene	8.910	142	223563	12.561	ng	94
58) Fluorene	10.392	166	31831	2.271	ng	# 97
71) Phenanthrene	11.357	178	81913	4.541	ng	# 93
84) Bis(2-ethylhexyl)phtha...	13.957	149	22515	2.550	ng	99

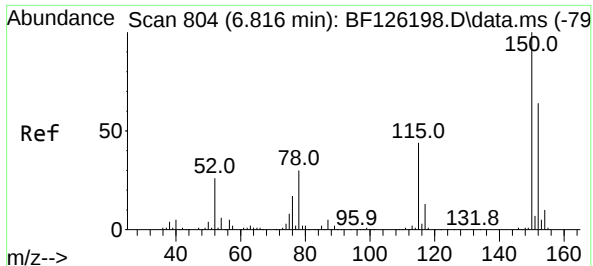
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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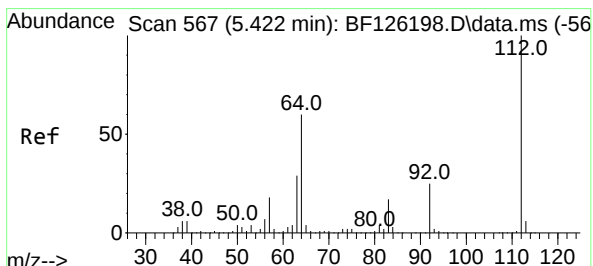
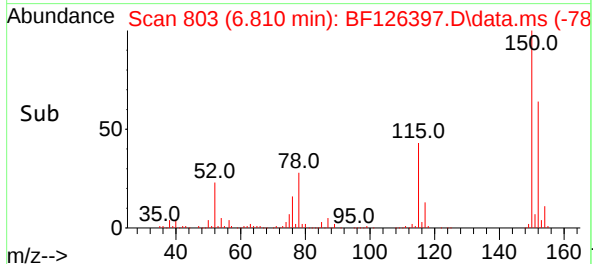
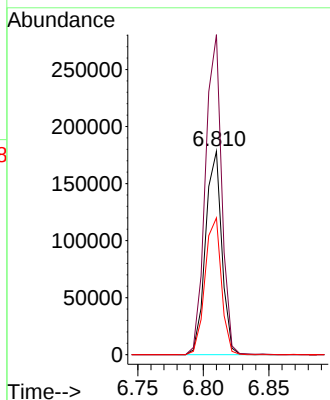
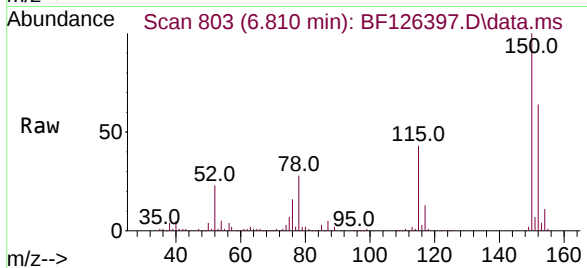




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF126397.D
Acq: 28 Dec 2021 23:32

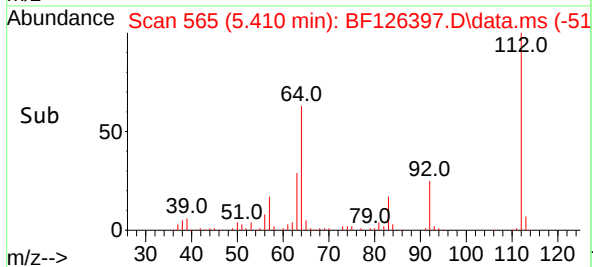
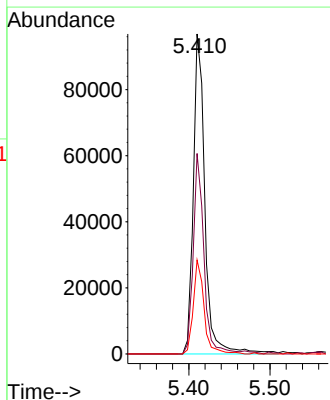
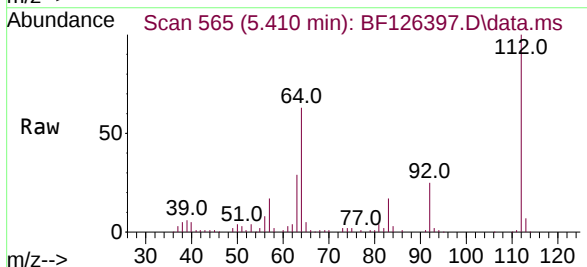
Instrument :
BNA_F
ClientSampleId :
M21013-N48854-1040

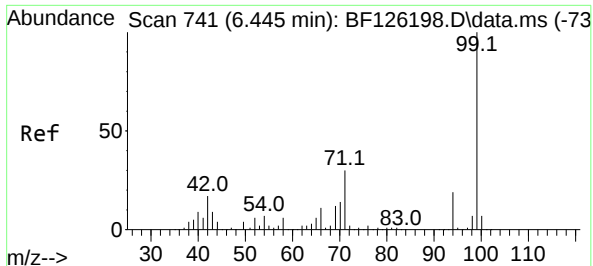
Tgt Ion:152 Resp: 154138
Ion Ratio Lower Upper
152 100
150 157.3 117.6 176.4
115 67.3 47.1 70.7



#5
2-Fluorophenol
Concen: 9.251 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.018 min
Lab File: BF126397.D
Acq: 28 Dec 2021 23:32

Tgt Ion:112 Resp: 96825
Ion Ratio Lower Upper
112 100
64 62.7 44.2 66.2
63 29.4 26.2 39.2

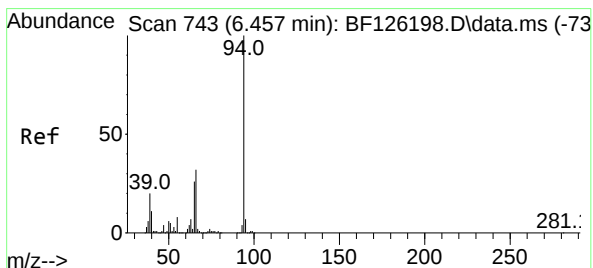
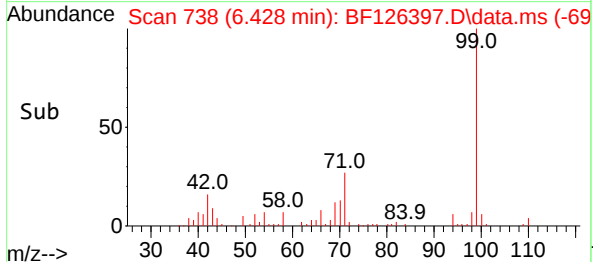
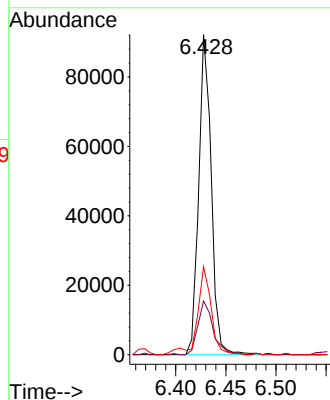
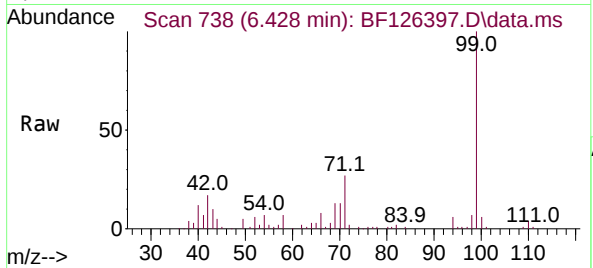




#7
Phenol-d6
Concen: 6.047 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF126397.D
Acq: 28 Dec 2021 23:32

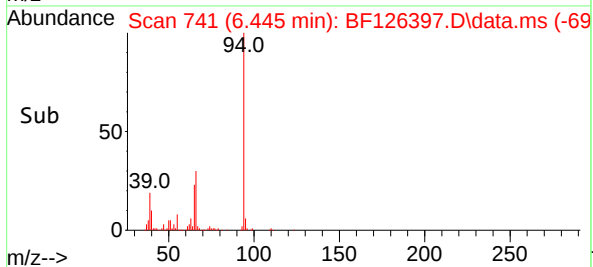
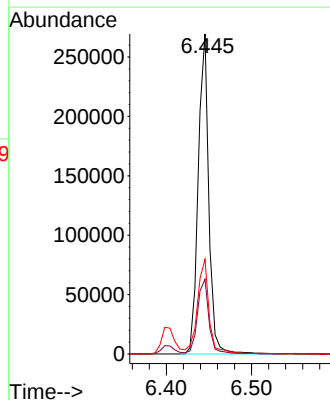
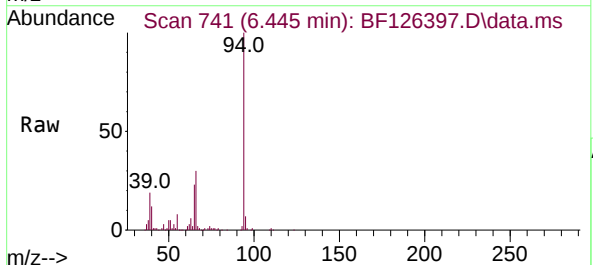
Instrument :
BNA_F
ClientSampleId :
M21013-N48854-1040

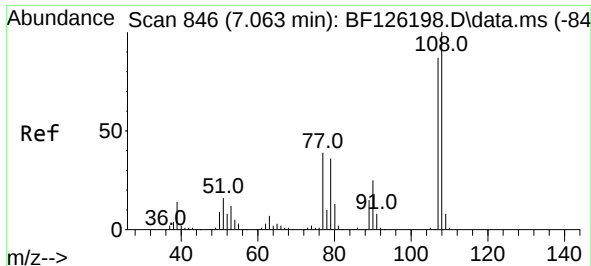
Tgt Ion: 99 Resp: 80369
Ion Ratio Lower Upper
99 100
42 16.7 23.5 35.3#
71 27.5 25.6 38.4



#10
Phenol
Concen: 15.597 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.018 min
Lab File: BF126397.D
Acq: 28 Dec 2021 23:32

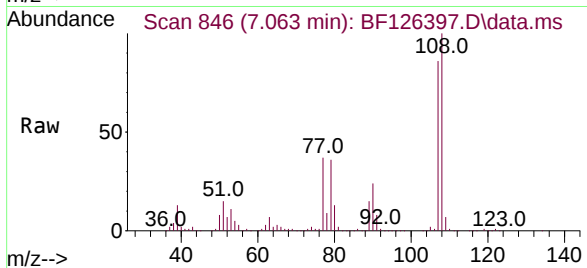
Tgt Ion: 94 Resp: 232678
Ion Ratio Lower Upper
94 100
65 23.4 9.3 49.3
66 29.6 20.3 60.3



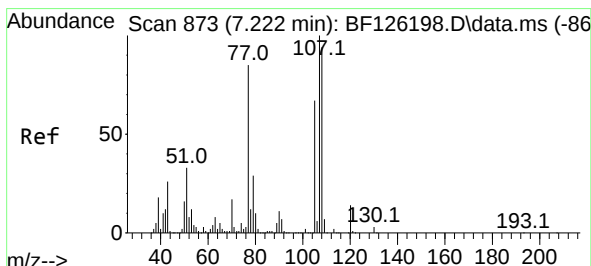
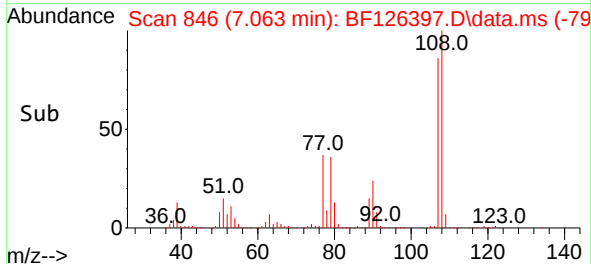
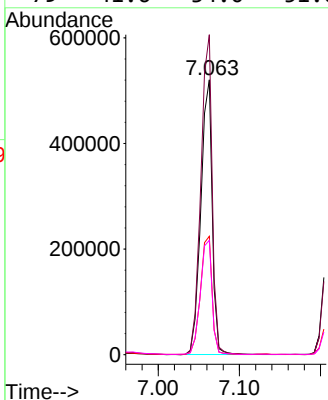


#17
2-Methylphenol
Concen: 54.260 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF126397.D
Acq: 28 Dec 2021 23:32

Instrument :
BNA_F
ClientSampleId :
M21013-N48854-1040

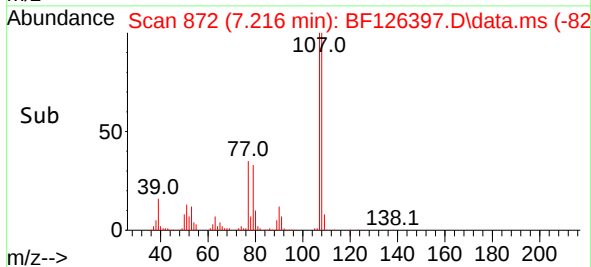
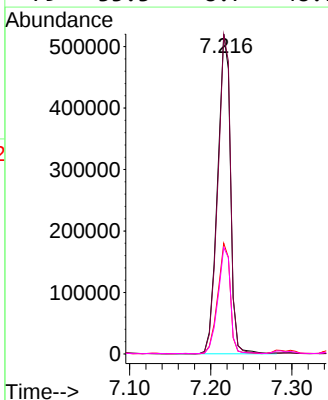
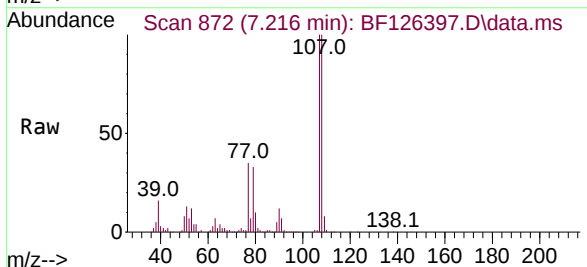


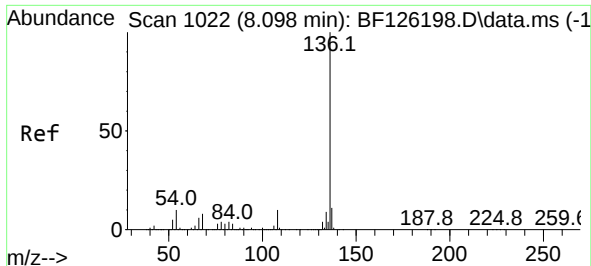
Tgt Ion:	107	Resp:	504521
Ion	Ratio	Lower	Upper
107	100		
108	116.4	90.6	135.8
77	43.0	35.7	53.5
79	41.6	34.0	51.0



#20
3+4-Methylphenols
Concen: 52.272 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF126397.D
Acq: 28 Dec 2021 23:32

Tgt Ion:	107	Resp:	574594
Ion	Ratio	Lower	Upper
107	100		
108	99.8	76.6	116.6
77	34.6	53.3	93.3#
79	33.3	8.7	48.7

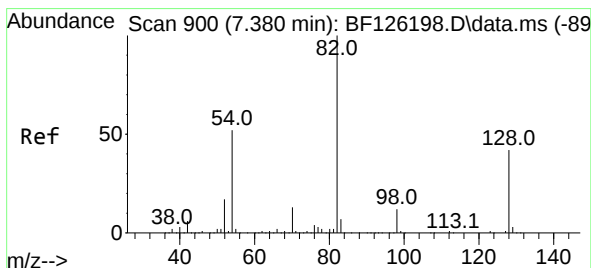
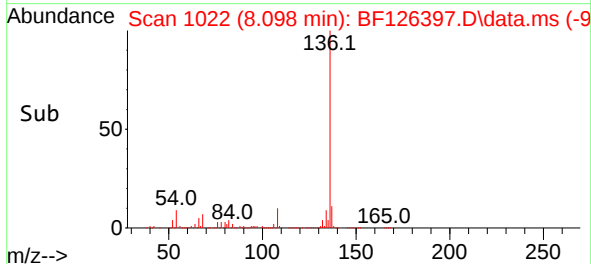
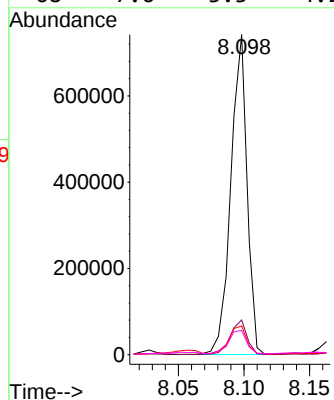
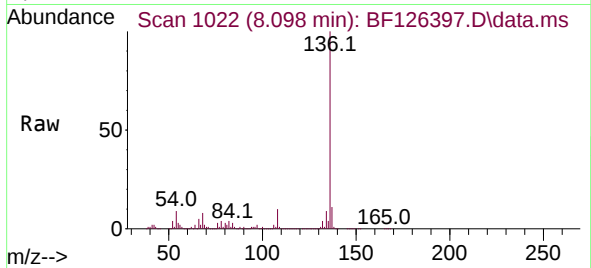




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF126397.D
Acq: 28 Dec 2021 23:32

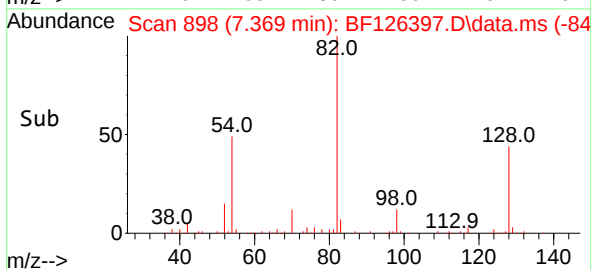
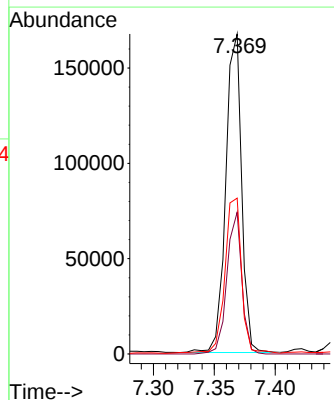
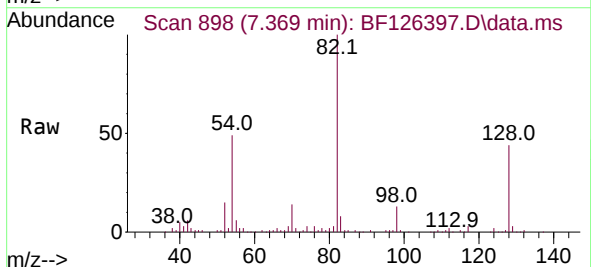
Instrument :
BNA_F
ClientSampleId :
M21013-N48854-1040

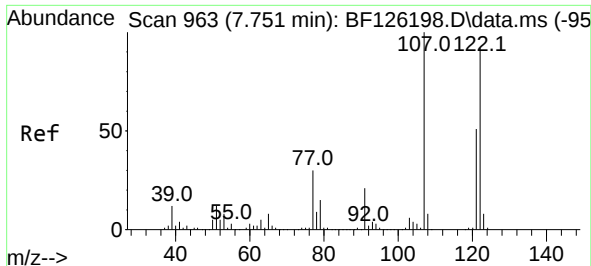
Tgt Ion:	136	Resp:	636828
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.8	14.6
54	9.0	6.4	9.6
68	7.6	3.3	4.9



#23
Nitrobenzene-d5
Concen: 12.888 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF126397.D
Acq: 28 Dec 2021 23:32

Tgt Ion:	82	Resp:	151539
Ion Ratio	Lower	Upper	
82	100		
128	44.3	40.6	60.8
54	48.7	49.6	74.4





#27

2,4-Dimethylphenol

Concen: 154.025 ng

RT: 7.769 min Scan# 90

Delta R.T. 0.018 min

Lab File: BF126397.D

Acq: 28 Dec 2021 23:32

Instrument :

BNA_F

ClientSampleId :

M21013-N48854-1040

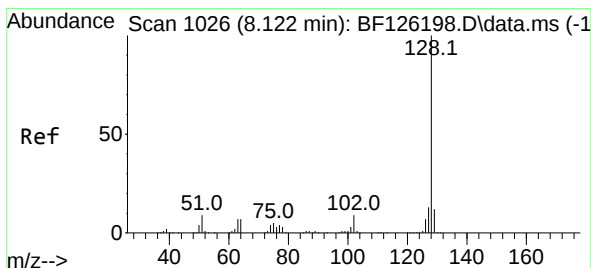
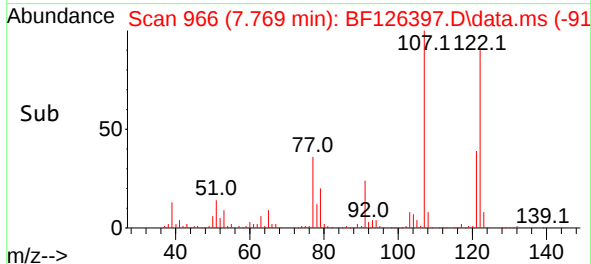
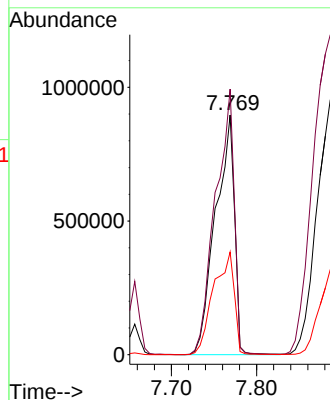
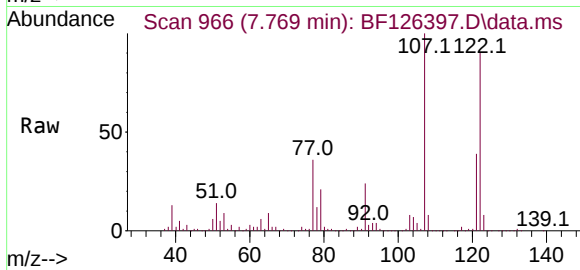
Tgt Ion:122 Resp: 1384119

Ion Ratio Lower Upper

122 100

107 110.8 85.0 127.6

121 42.8 43.3 64.9#



#31

Naphthalene

Concen: 4.271 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF126397.D

Acq: 28 Dec 2021 23:32

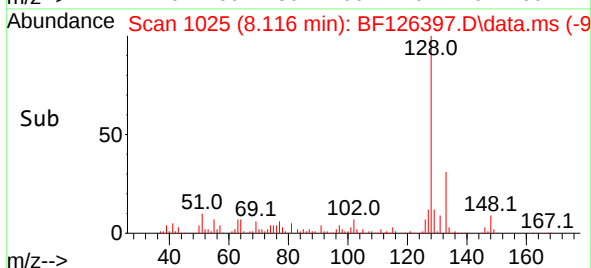
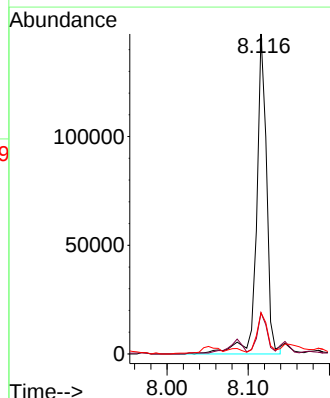
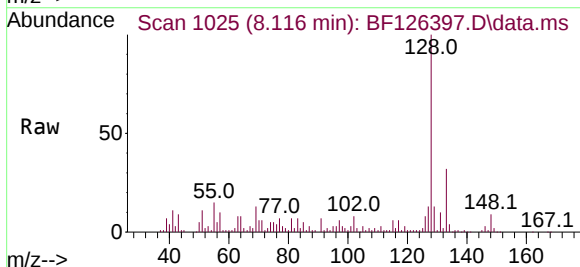
Tgt Ion:128 Resp: 127190

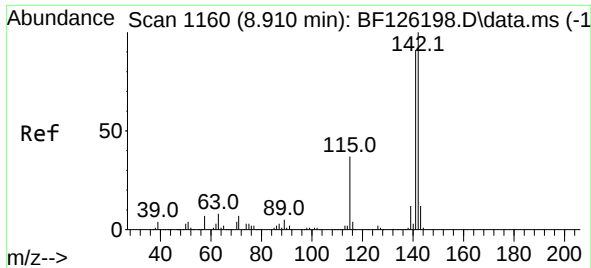
Ion Ratio Lower Upper

128 100

129 12.8 9.4 14.0

127 12.9 10.9 16.3

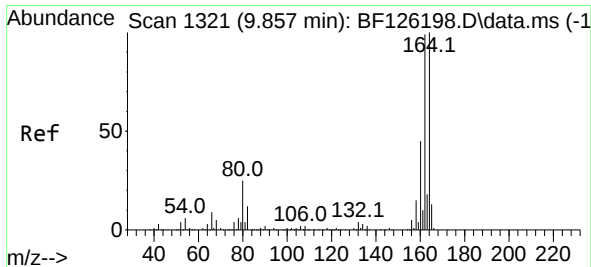
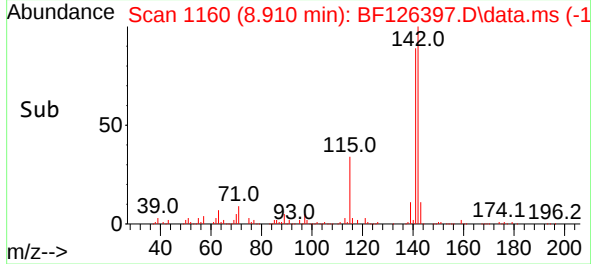
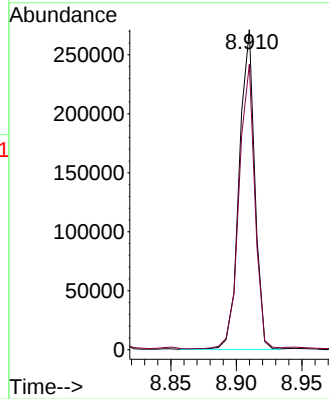
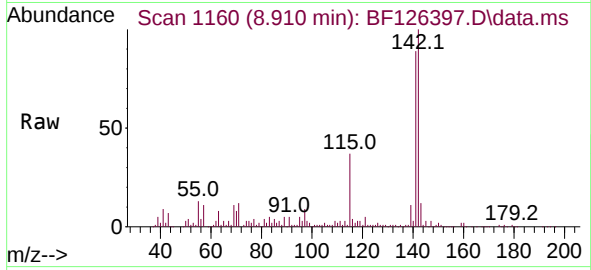




#38
1-Methylnaphthalene
Concen: 12.561 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF126397.D
Acq: 28 Dec 2021 23:32

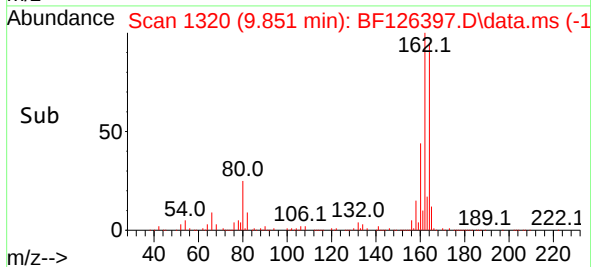
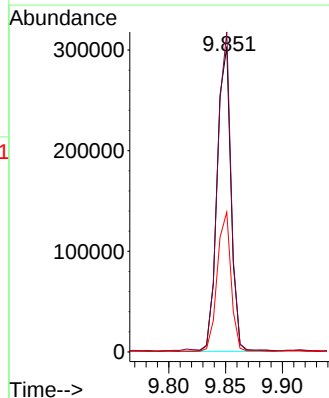
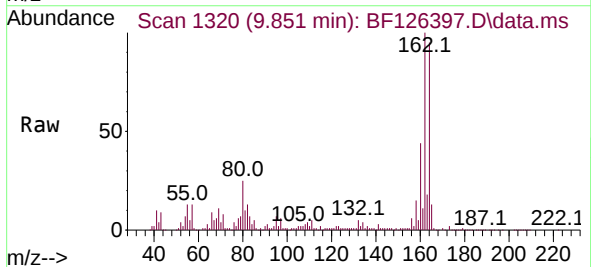
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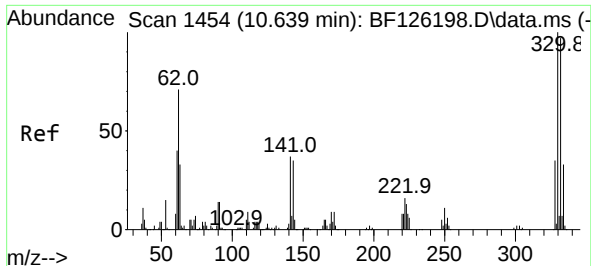
Tgt Ion:142 Resp: 223563
Ion Ratio Lower Upper
142 100
141 89.2 76.0 114.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126397.D
Acq: 28 Dec 2021 23:32

Tgt Ion:164 Resp: 257907
Ion Ratio Lower Upper
164 100
162 104.8 81.3 121.9
160 45.8 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 15.406 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.012 min

Lab File: BF126397.D

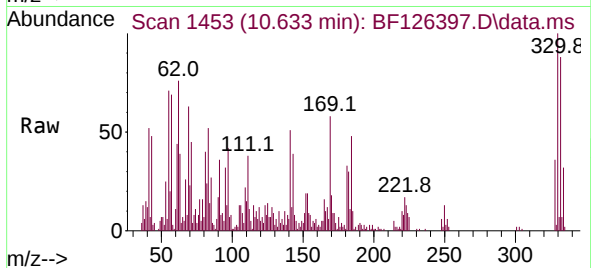
Acq: 28 Dec 2021 23:32

Instrument :

BNA_F

ClientSampleId :

M21013-N48854-1040



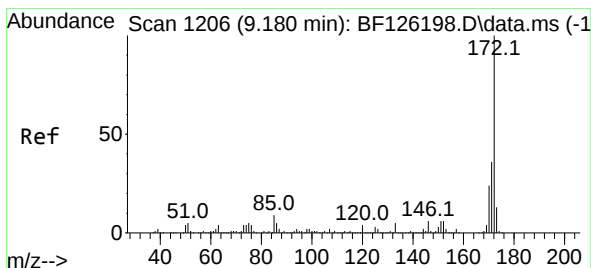
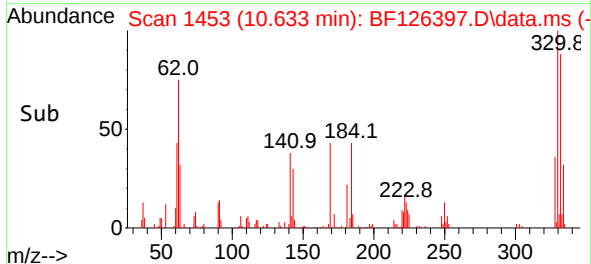
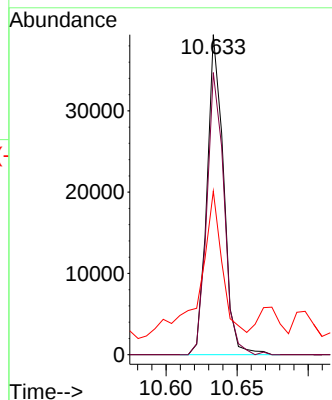
Tgt Ion:330 Resp: 31932

Ion Ratio Lower Upper

330 100

332 91.6 76.2 114.4

141 64.1 44.6 66.8



#45

2-Fluorobiphenyl

Concen: 15.030 ng

RT: 9.169 min Scan# 1204

Delta R.T. -0.012 min

Lab File: BF126397.D

Acq: 28 Dec 2021 23:32

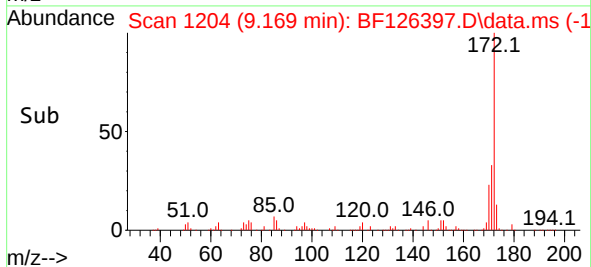
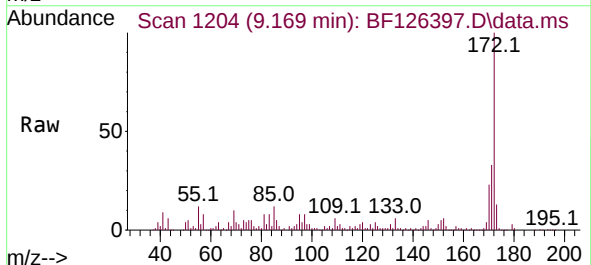
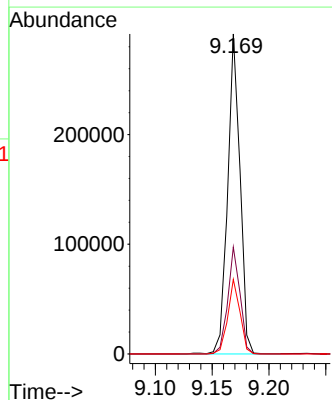
Tgt Ion:172 Resp: 221010

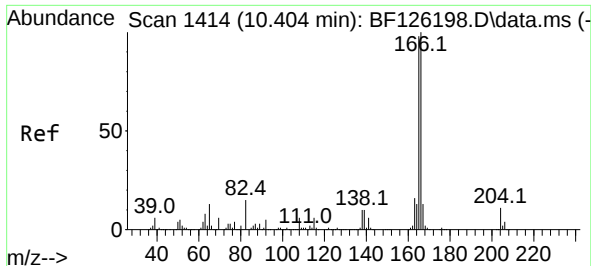
Ion Ratio Lower Upper

172 100

171 33.4 26.5 39.7

170 23.3 18.8 28.2

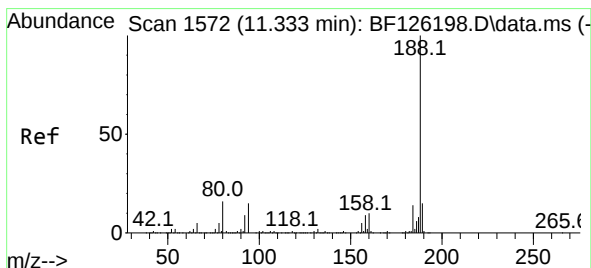
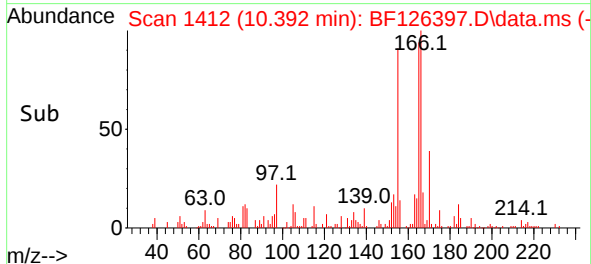
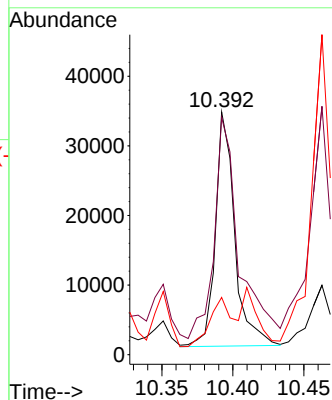
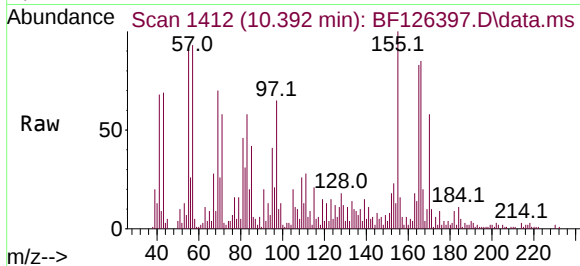




#58
Fluorene
Concen: 2.271 ng
RT: 10.392 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF126397.D
Acq: 28 Dec 2021 23:32

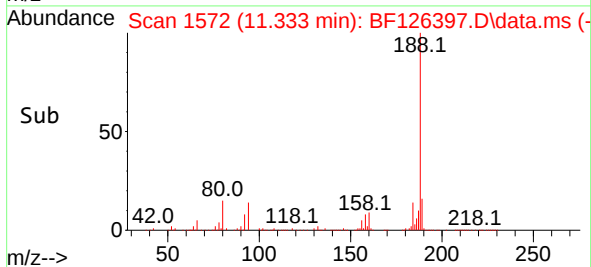
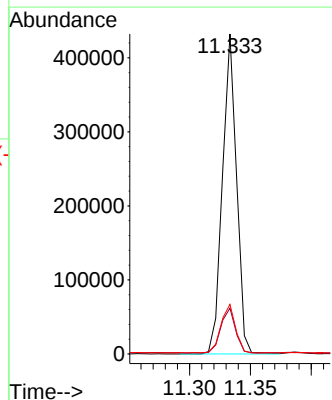
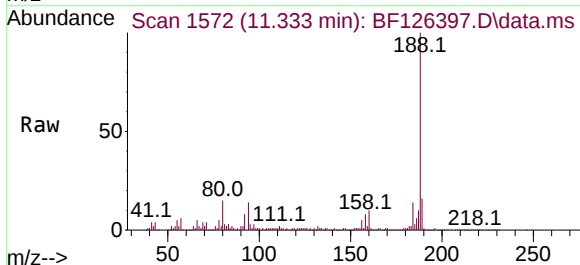
Instrument :
BNA_F
ClientSampleId :
M21013-N48854-1040

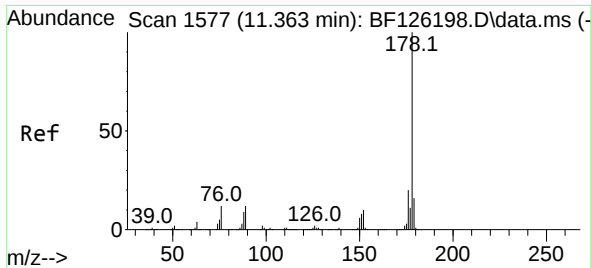
Tgt Ion:166 Resp: 31831
Ion Ratio Lower Upper
166 100
165 97.8 78.1 117.1
167 23.6 11.1 16.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF126397.D
Acq: 28 Dec 2021 23:32

Tgt Ion:188 Resp: 349474
Ion Ratio Lower Upper
188 100
94 14.3 6.7 10.1#
80 15.5 7.5 11.3#

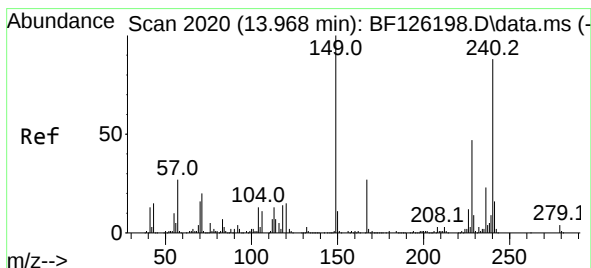
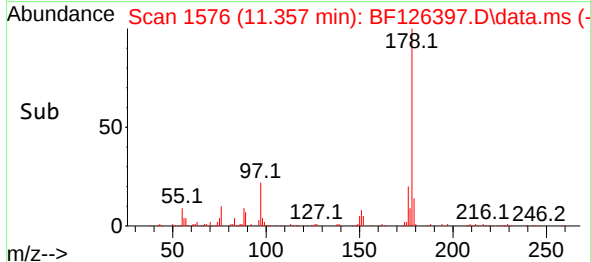
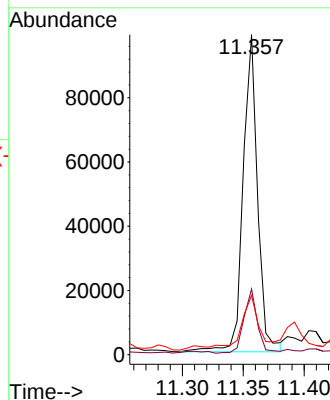
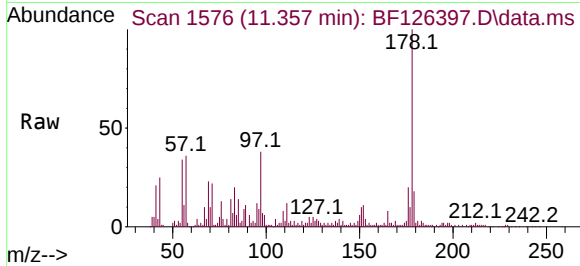




#71
Phenanthrene
Concen: 4.541 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126397.D
Acq: 28 Dec 2021 23:32

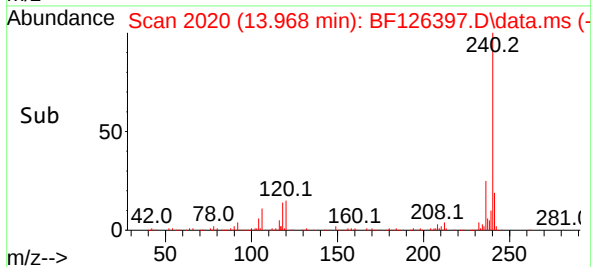
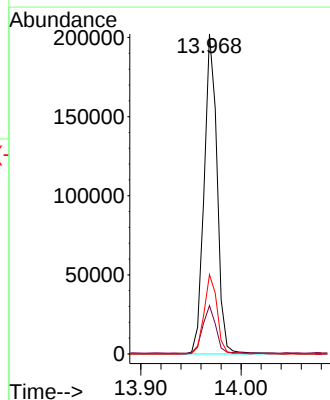
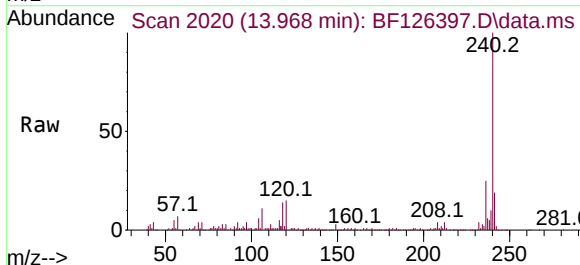
Instrument :
BNA_F
ClientSampleId :
M21013-N48854-1040

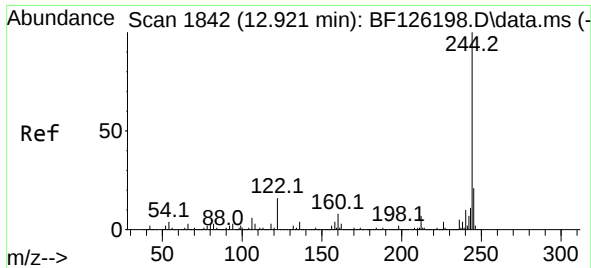
Tgt Ion:178 Resp: 81913
Ion Ratio Lower Upper
178 100
176 20.5 14.7 22.1
179 18.5 11.5 17.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF126397.D
Acq: 28 Dec 2021 23:32

Tgt Ion:240 Resp: 182726
Ion Ratio Lower Upper
240 100
120 15.1 10.8 16.2
236 24.8 21.6 32.4

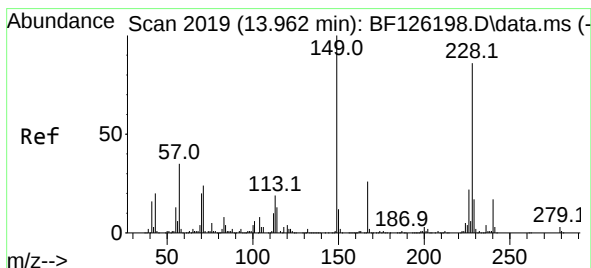
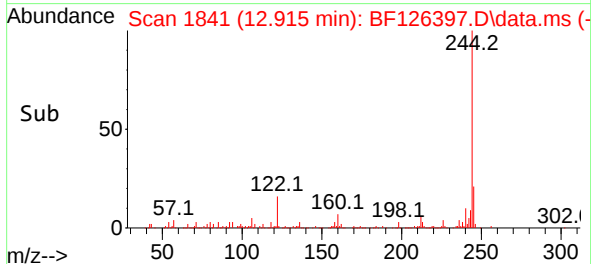
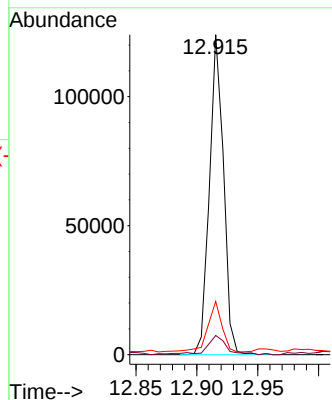
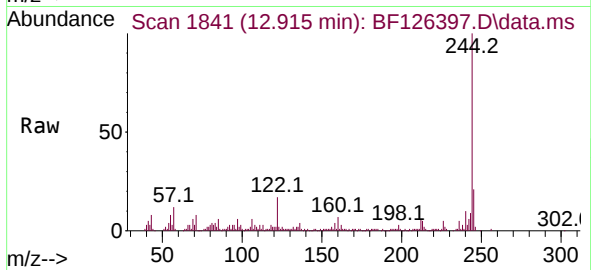




#79
 Terphenyl-d14
 Concen: 9.489 ng
 RT: 12.915 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF126397.D
 Acq: 28 Dec 2021 23:32

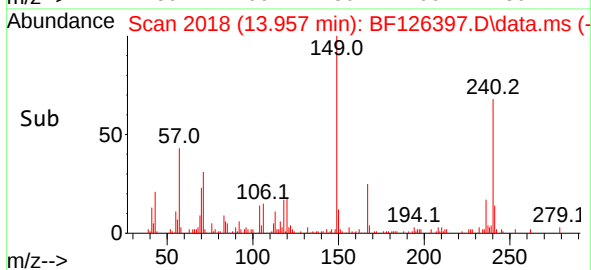
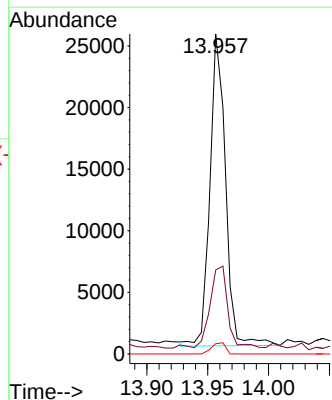
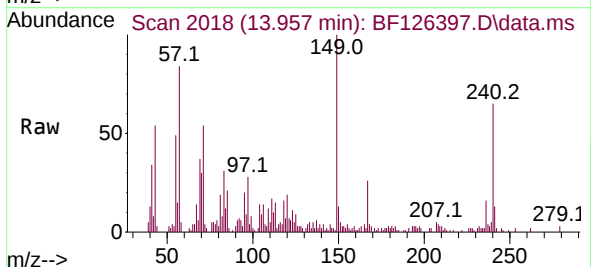
Instrument :
 BNA_F
 ClientSampleId :
 M21013-N48854-1040

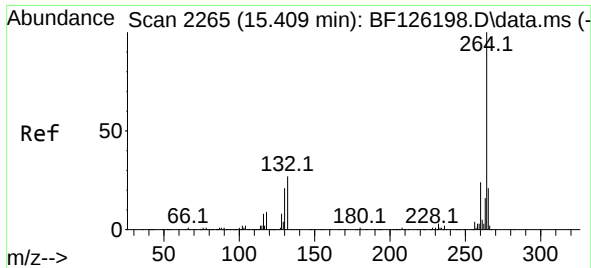
Tgt Ion:244 Resp: 99752
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.9 8.9
 122 16.6 9.0 13.4#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.550 ng
 RT: 13.957 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: BF126397.D
 Acq: 28 Dec 2021 23:32

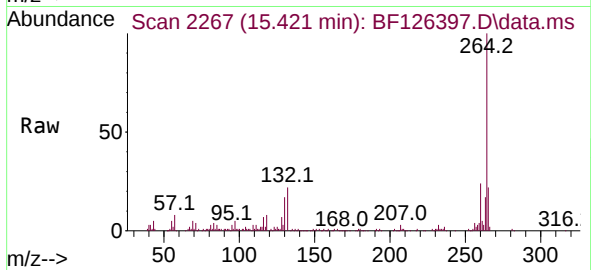
Tgt Ion:149 Resp: 22515
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.4 32.0
 279 3.2 2.6 4.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126397.D
Acq: 28 Dec 2021 23:32

Instrument :
BNA_F
ClientSampleId :
M21013-N48854-1040



Tgt Ion:264 Resp: 146919
Ion Ratio Lower Upper
264 100
260 24.0 19.6 29.4
265 21.6 17.2 25.8

