

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122021\
 Data File : BF126275.D
 Acq On : 20 Dec 2021 13:31
 Operator : JU/CG
 Sample : M5124-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 20 14:29:34 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

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

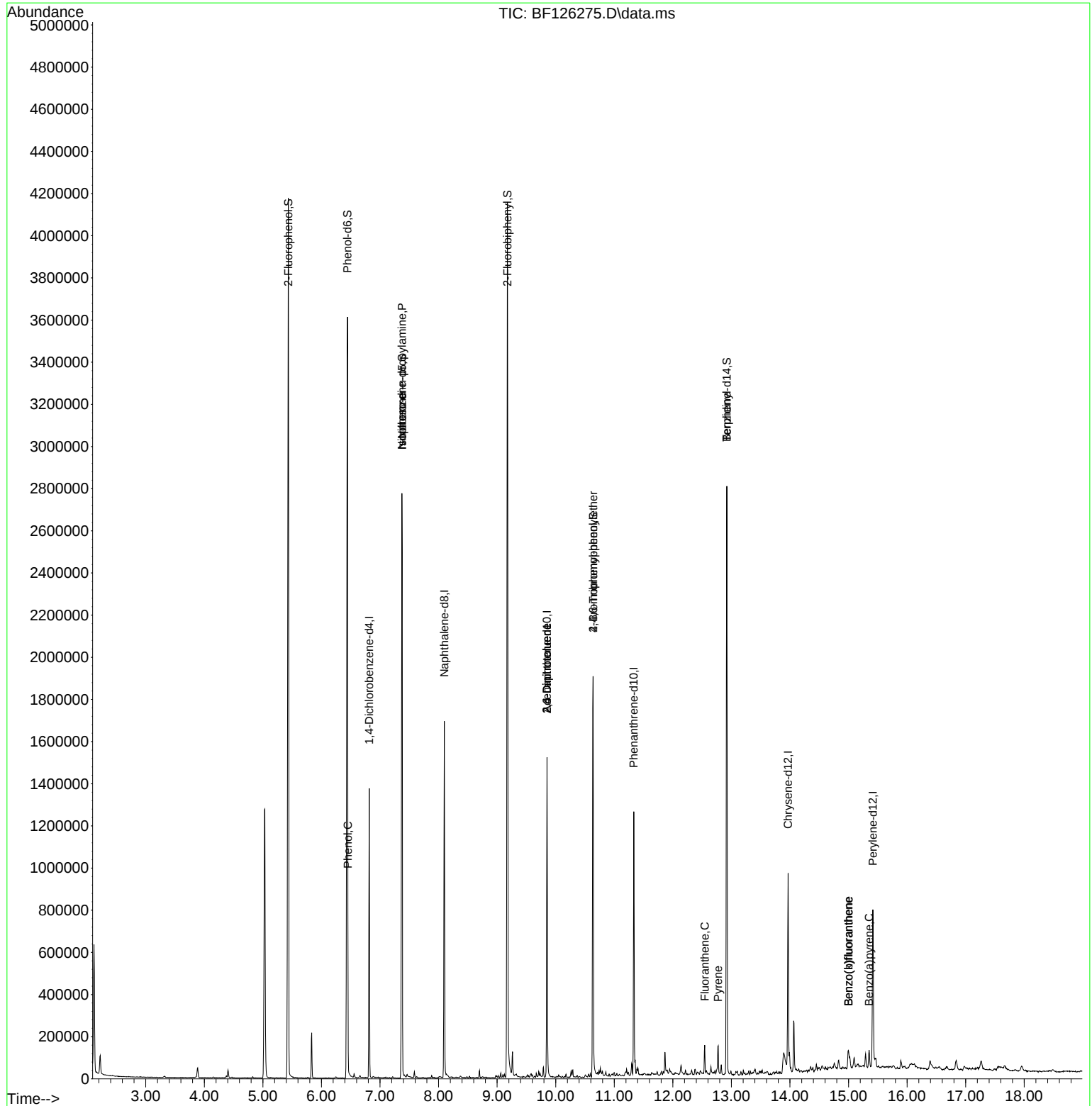
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	174925	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	728013	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	300309	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	411817	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	274046	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	313163	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1312833	110.524	ng	0.01
7) Phenol-d6	6.445	99	1611070	106.818	ng	0.00
23) Nitrobenzene-d5	7.375	82	1053871	78.401	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	236741	98.094	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1374730	80.288	ng	0.00
79) Terphenyl-d14	12.921	244	897042	56.894	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.451	94	36657	2.165	ng	95
19) n-Nitroso-di-n-propyla...	7.375	70	136063	14.695	ng	# 56
25) Isophorone	7.375	82	1019310	40.155	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	38334	9.310	ng	# 28
57) 2,4-Dinitrotoluene	9.851	165	38334	7.298	ng	# 19
67) 4-Bromophenyl-phenylether	10.639	248	12513	3.238	ng	# 1
75) Fluoranthene	12.545	202	50044	2.613	ng	94
77) Benzidine	12.921	184	11336	2.624	ng	96
78) Pyrene	12.774	202	55152	2.191	ng	98
88) Benzo(b)fluoranthene	14.998	252	64462	3.426	ng	# 95
89) Benzo(k)fluoranthene	14.998	252	64462	3.581	ng	# 93
90) Benzo(a)pyrene	15.351	252	37037	2.368	ng	# 94

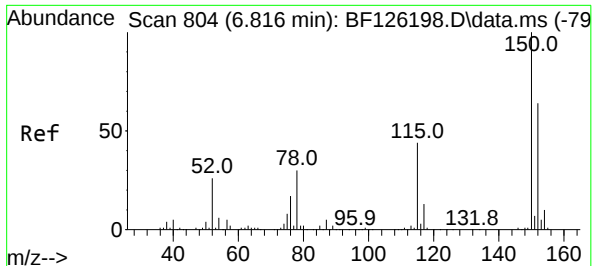
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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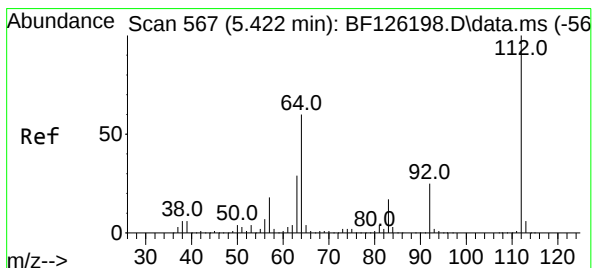
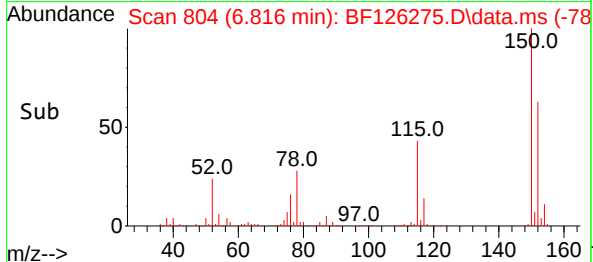
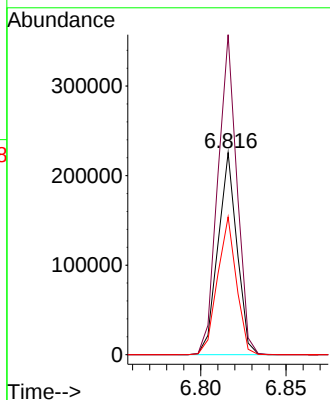
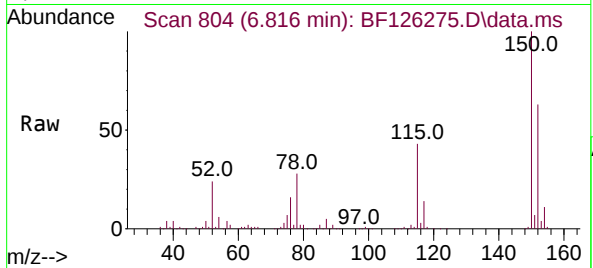




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126275.D
Acq: 20 Dec 2021 13:31

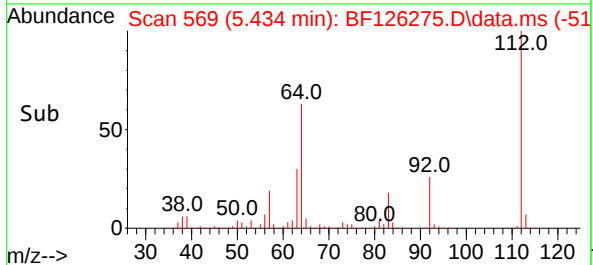
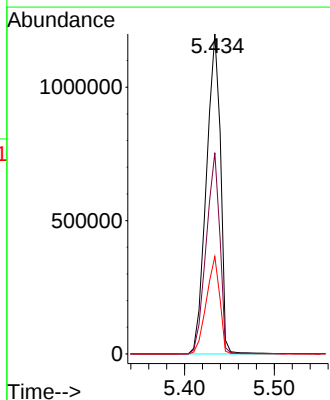
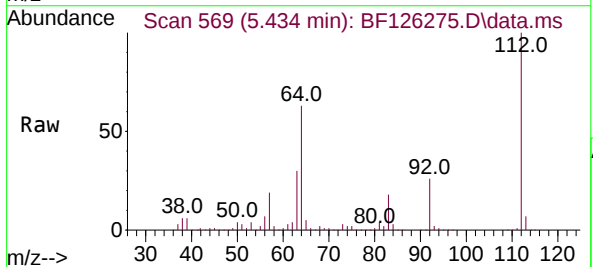
Instrument :
BNA_F
ClientSampleId :

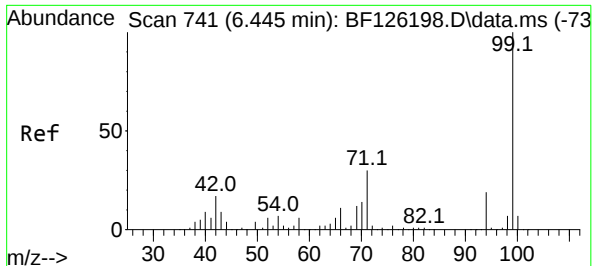
Tgt Ion:152 Resp: 174925
Ion Ratio Lower Upper
152 100
150 158.4 117.6 176.4
115 68.2 47.1 70.7



#5
2-Fluorophenol
Concen: 110.524 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF126275.D
Acq: 20 Dec 2021 13:31

Tgt Ion:112 Resp: 1312833
Ion Ratio Lower Upper
112 100
64 62.9 44.2 66.2
63 30.4 26.2 39.2

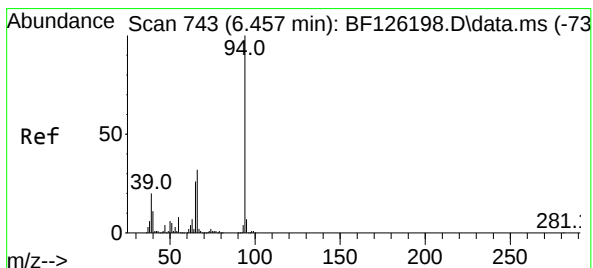
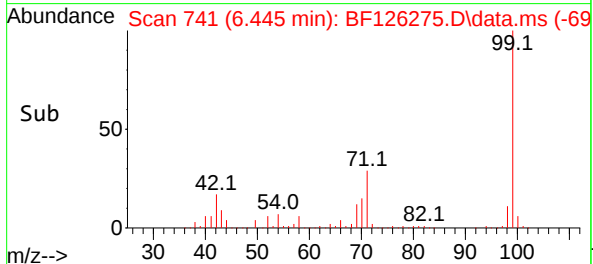
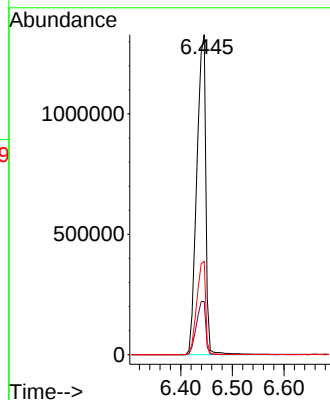
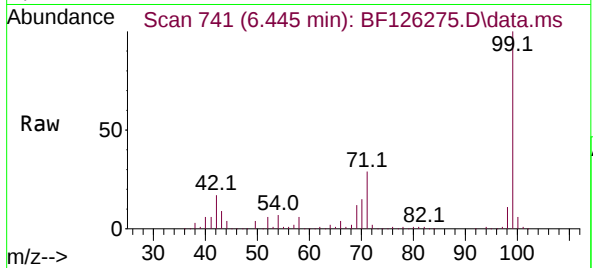




#7
Phenol-d6
Concen: 106.818 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF126275.D
Acq: 20 Dec 2021 13:31

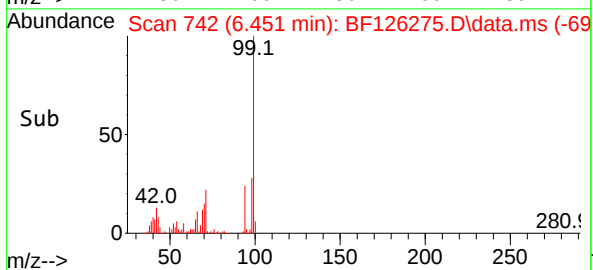
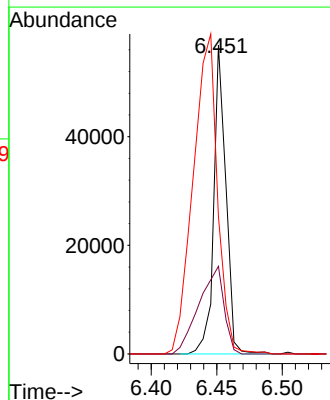
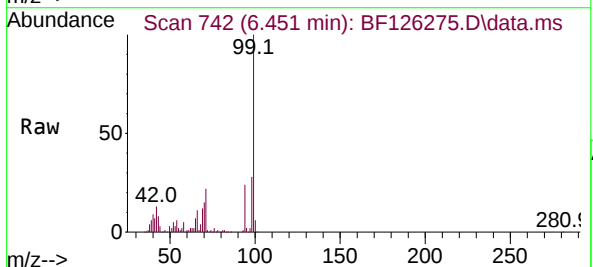
Instrument :
BNA_F
ClientSampleId :

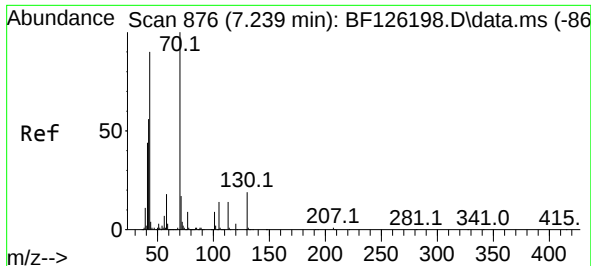
Tgt Ion: 99 Resp: 1611070
Ion Ratio Lower Upper
99 100
42 16.6 23.5 35.3#
71 29.2 25.6 38.4



#10
Phenol
Concen: 2.165 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF126275.D
Acq: 20 Dec 2021 13:31

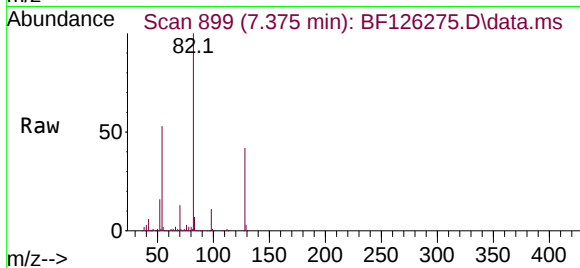
Tgt Ion: 94 Resp: 36657
Ion Ratio Lower Upper
94 100
65 28.4 9.3 49.3
66 44.5 20.3 60.3



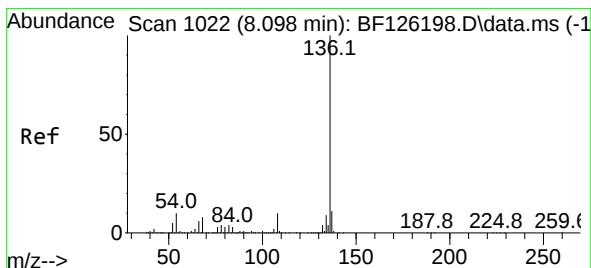
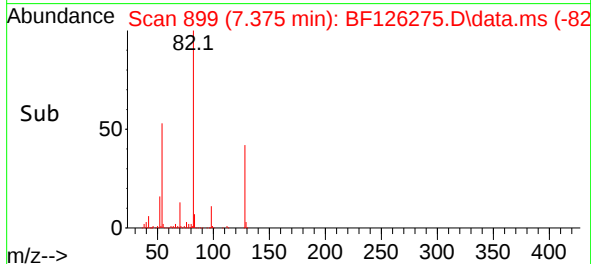
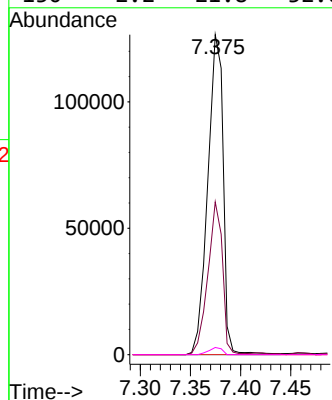


#19
n-Nitroso-di-n-propylamine
Concen: 14.695 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.135 min
Lab File: BF126275.D
Acq: 20 Dec 2021 13:31

Instrument :
BNA_F
ClientSampleId :

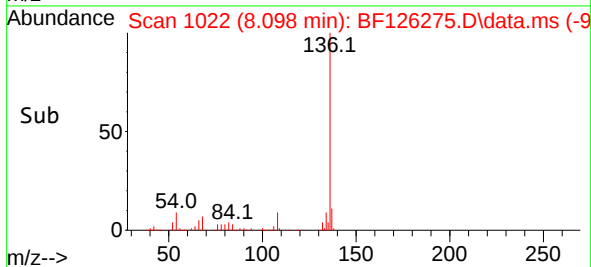
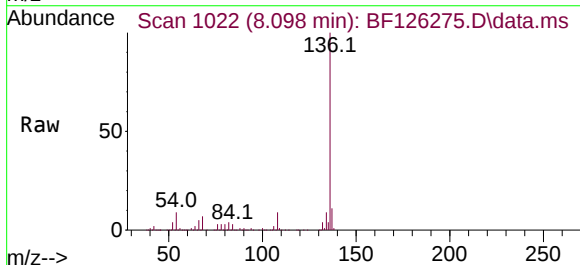
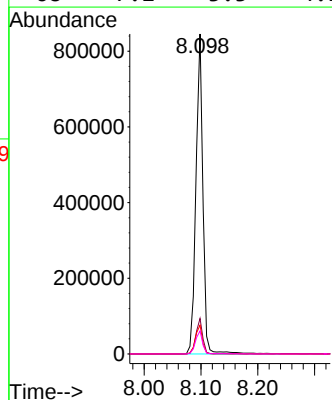


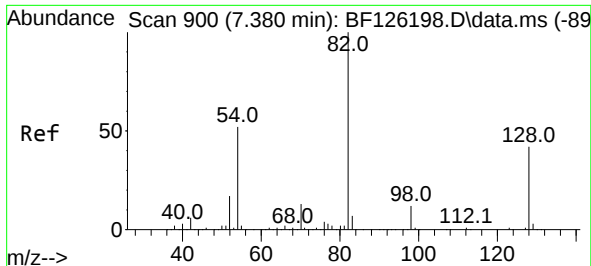
Tgt Ion: 70 Resp: 136063
Ion Ratio Lower Upper
70 100
42 47.8 72.2 108.2#
101 0.0 7.8 11.8#
130 2.2 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126275.D
Acq: 20 Dec 2021 13:31

Tgt Ion: 136 Resp: 728013
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 9.0 6.4 9.6
68 7.2 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 78.401 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF126275.D

Acq: 20 Dec 2021 13:31

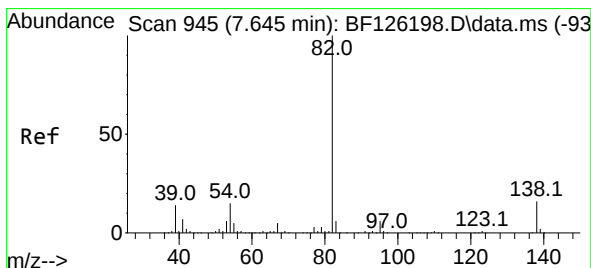
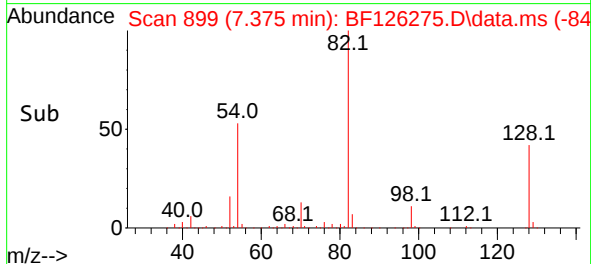
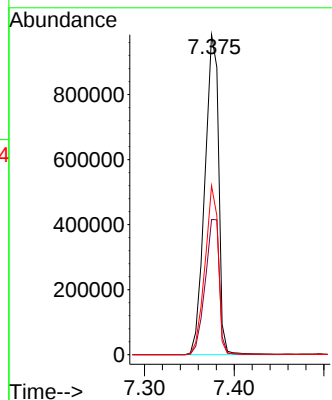
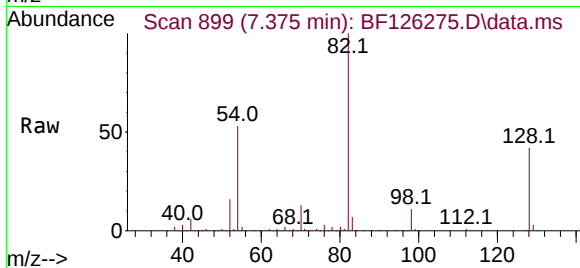
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 82 Resp: 1053871

Ion	Ratio	Lower	Upper
82	100		
128	42.2	40.6	60.8
54	52.8	49.6	74.4



#25

Isophorone

Concen: 40.155 ng

RT: 7.375 min Scan# 899

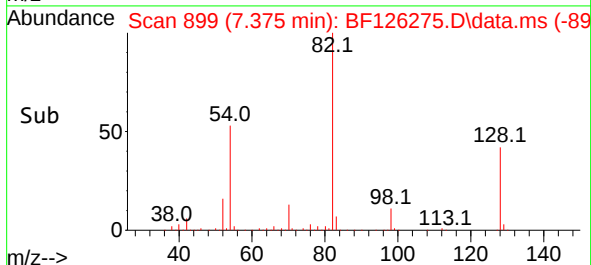
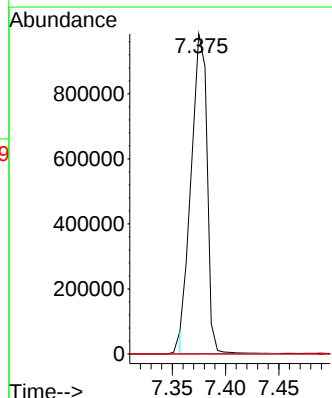
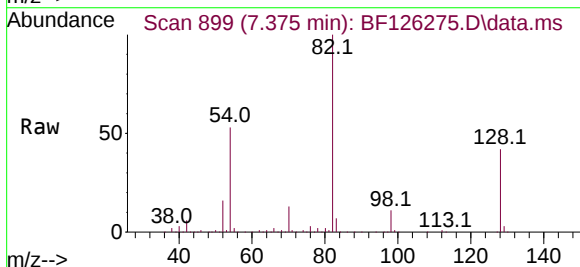
Delta R.T. -0.270 min

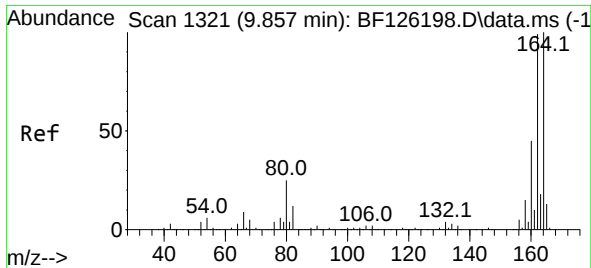
Lab File: BF126275.D

Acq: 20 Dec 2021 13:31

Tgt Ion: 82 Resp: 1019310

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#

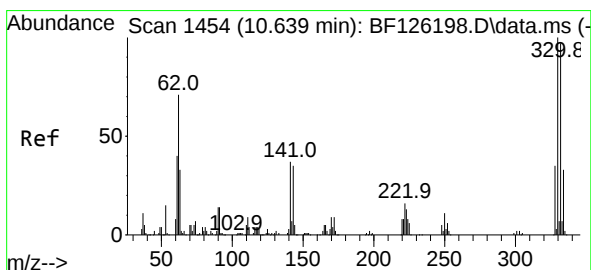
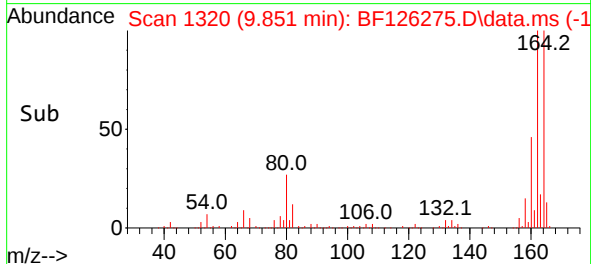
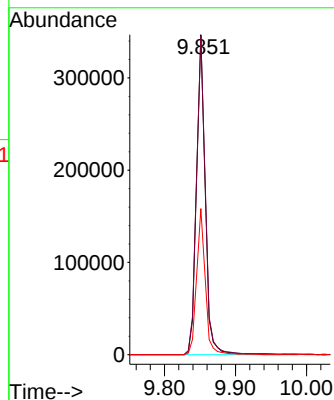
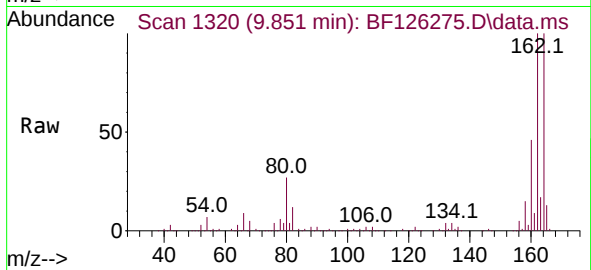




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126275.D
Acq: 20 Dec 2021 13:31

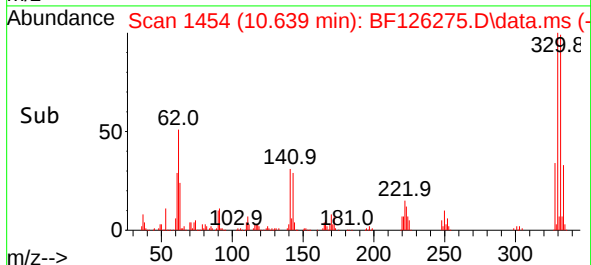
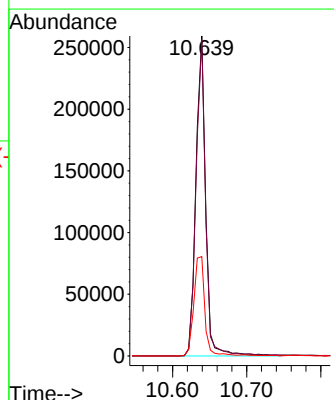
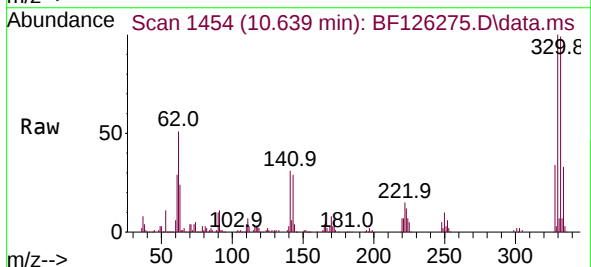
Instrument :
BNA_F
ClientSampleId :

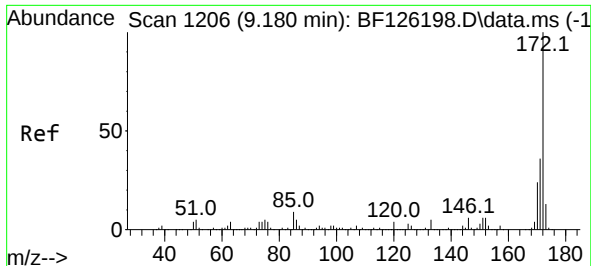
Tgt Ion:164 Resp: 300309
Ion Ratio Lower Upper
164 100
162 99.6 81.3 121.9
160 45.6 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 98.094 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF126275.D
Acq: 20 Dec 2021 13:31

Tgt Ion:330 Resp: 236741
Ion Ratio Lower Upper
330 100
332 97.0 76.2 114.4
141 35.5 44.6 66.8#





#45

2-Fluorobiphenyl

Concen: 80.288 ng

RT: 9.175 min Scan# 1

Delta R.T. -0.006 min

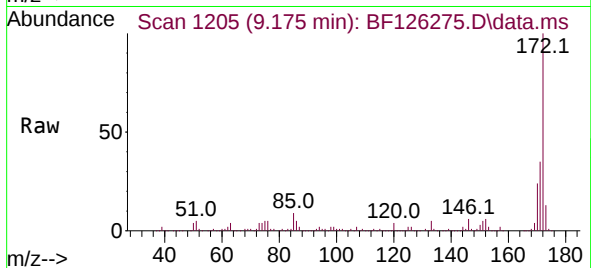
Lab File: BF126275.D

Acq: 20 Dec 2021 13:31

Instrument :

BNA_F

ClientSampleId :



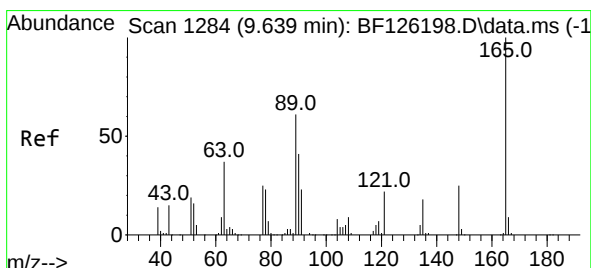
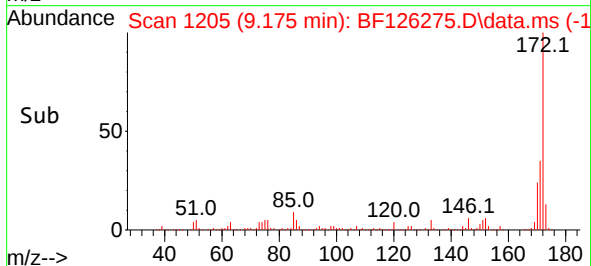
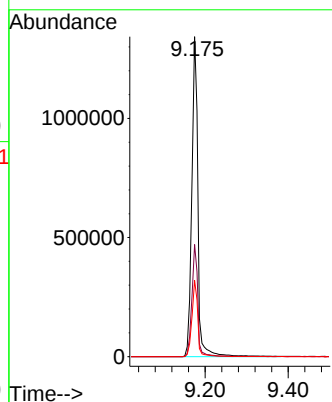
Tgt Ion:172 Resp: 1374730

Ion Ratio Lower Upper

172 100

171 35.1 26.5 39.7

170 23.9 18.8 28.2



#51

2,6-Dinitrotoluene

Concen: 9.310 ng

RT: 9.851 min Scan# 1320

Delta R.T. 0.212 min

Lab File: BF126275.D

Acq: 20 Dec 2021 13:31

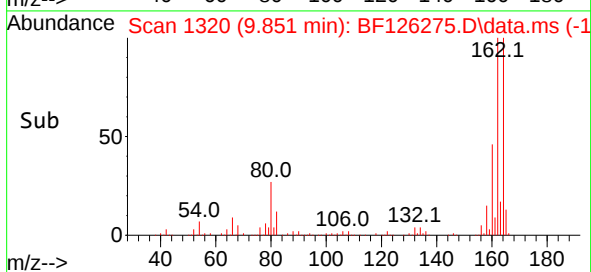
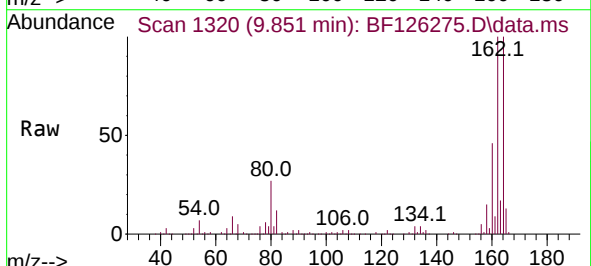
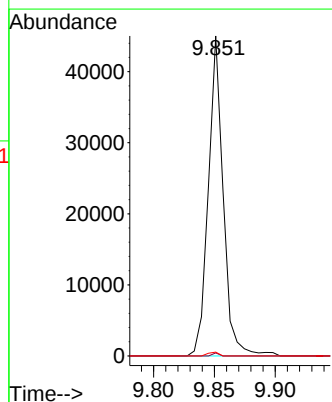
Tgt Ion:165 Resp: 38334

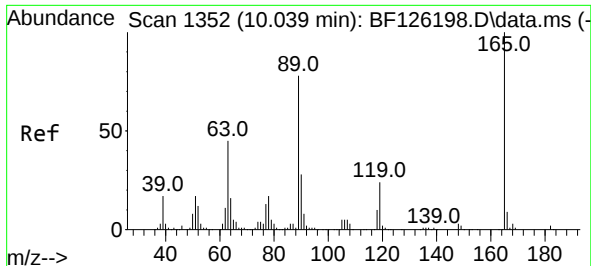
Ion Ratio Lower Upper

165 100

63 1.0 42.6 63.8#

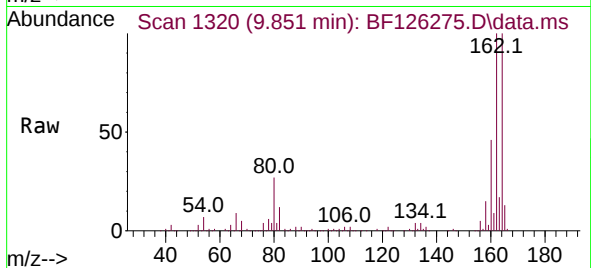
89 1.2 40.6 60.8#



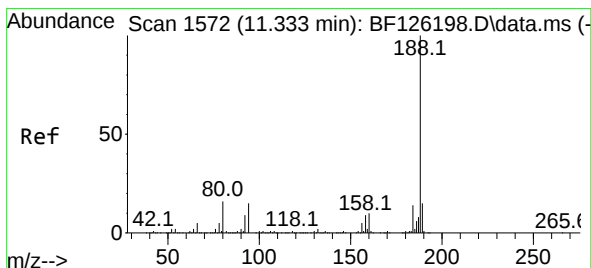
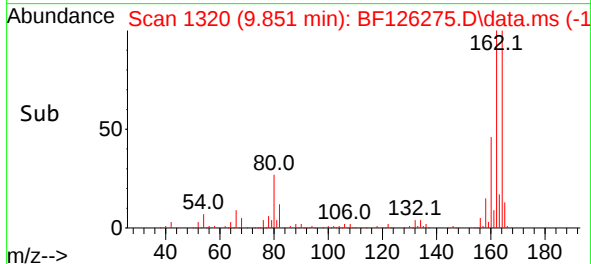
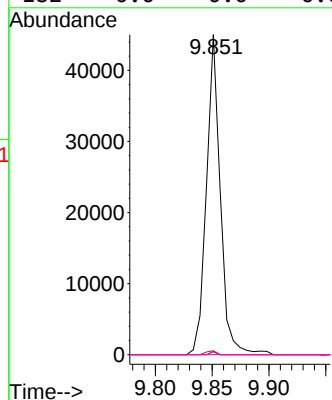


#57
2,4-Dinitrotoluene
Concen: 7.298 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126275.D
Acq: 20 Dec 2021 13:31

Instrument :
BNA_F
ClientSampleId :

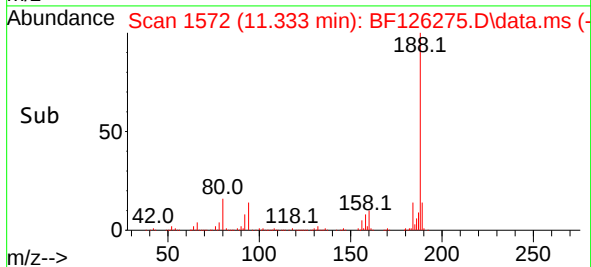
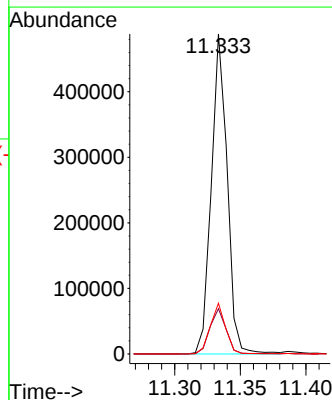
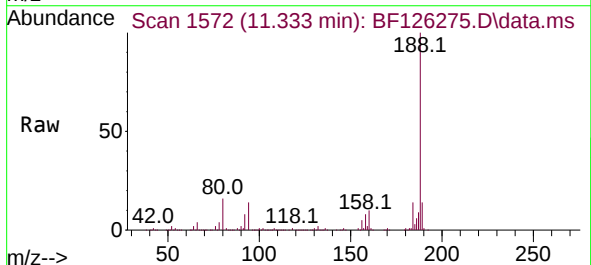


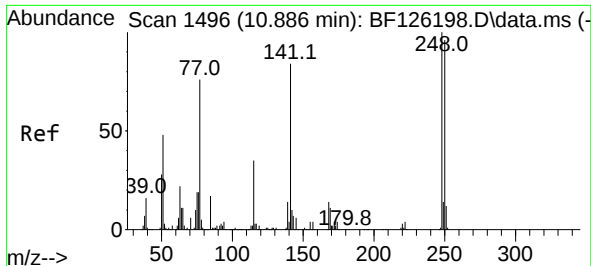
Tgt Ion:165 Resp: 38334
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF126275.D
Acq: 20 Dec 2021 13:31

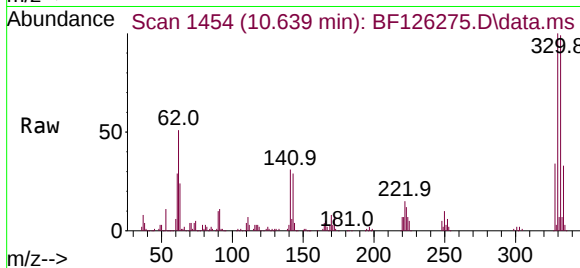
Tgt Ion:188 Resp: 411817
Ion Ratio Lower Upper
188 100
94 14.1 6.7 10.1#
80 15.9 7.5 11.3#



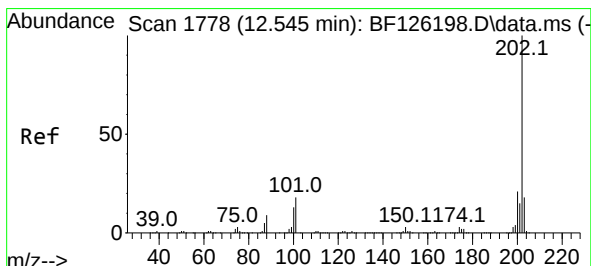
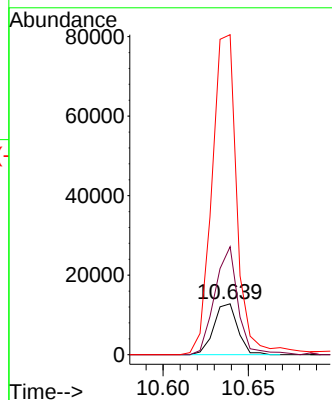
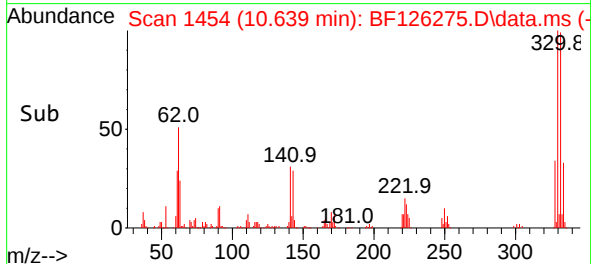


#67
4-Bromophenyl-phenylether
Concen: 3.238 ng
RT: 10.639 min Scan# 1496
Delta R.T. -0.247 min
Lab File: BF126275.D
Acq: 20 Dec 2021 13:31

Instrument :
BNA_F
ClientSampleId :

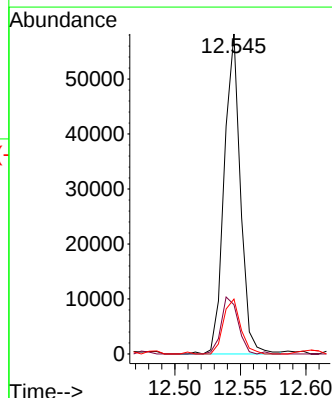
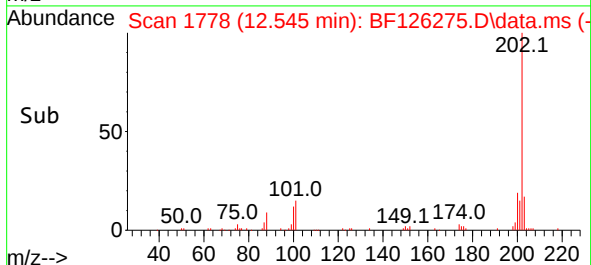
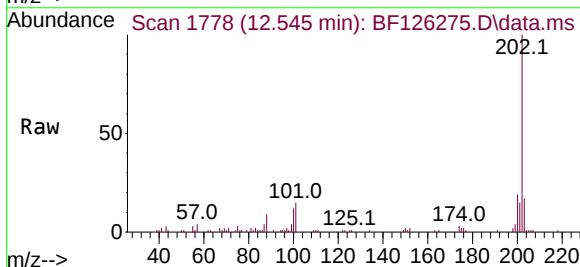


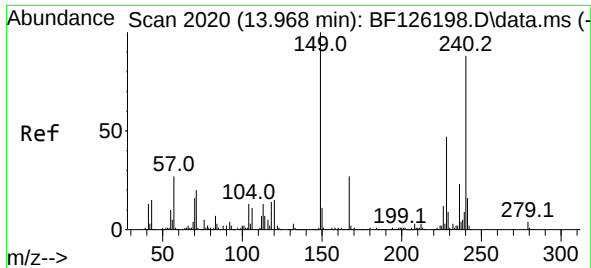
Tgt Ion:248 Resp: 12513
Ion Ratio Lower Upper
248 100
250 212.0 74.2 111.4#
141 627.8 60.4 90.6#



#75
Fluoranthene
Concen: 2.613 ng
RT: 12.545 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BF126275.D
Acq: 20 Dec 2021 13:31

Tgt Ion:202 Resp: 50044
Ion Ratio Lower Upper
202 100
101 15.4 0.0 30.7
203 17.2 0.0 36.3

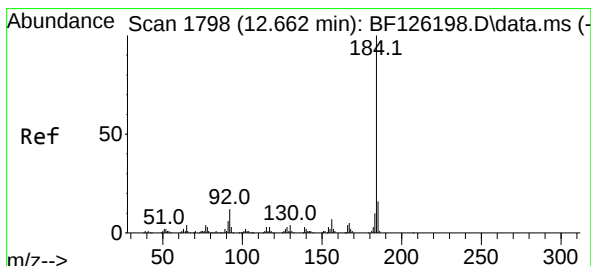
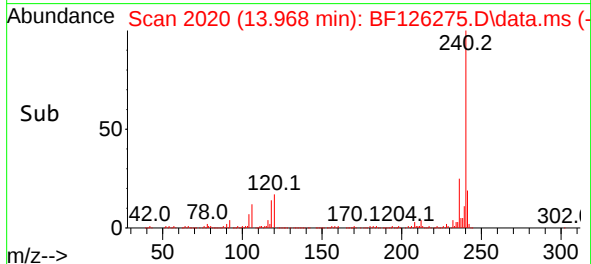
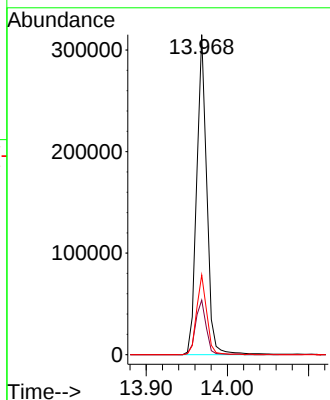
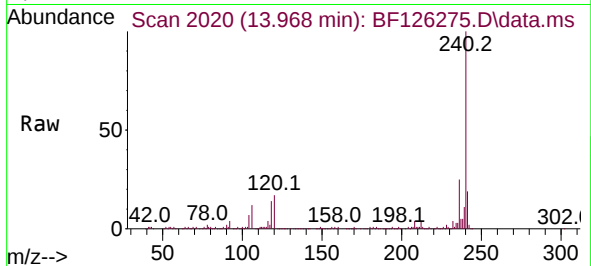




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF126275.D
Acq: 20 Dec 2021 13:31

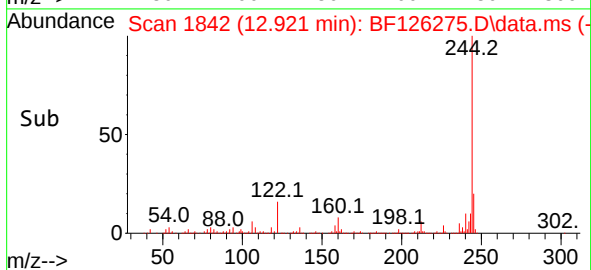
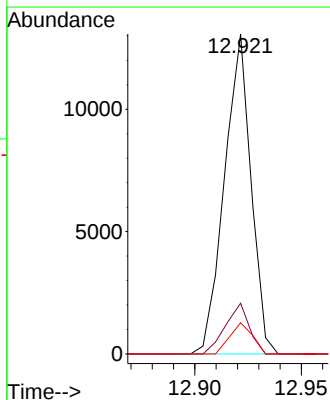
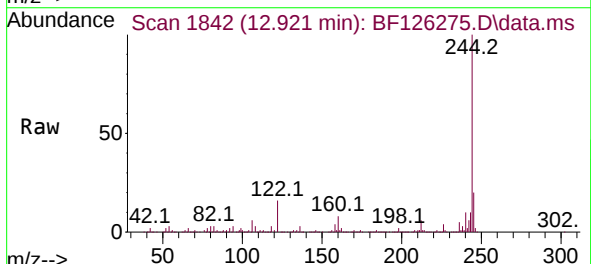
Instrument :
BNA_F
ClientSampleId :

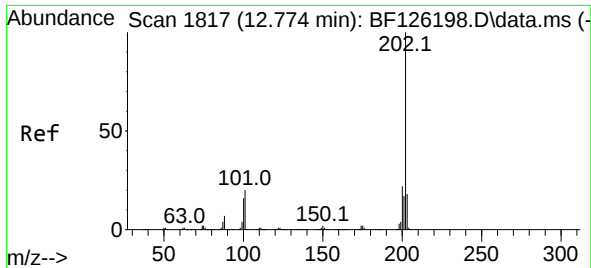
Tgt Ion:240 Resp: 274046
Ion Ratio Lower Upper
240 100
120 17.0 10.8 16.2#
236 24.9 21.6 32.4



#77
Benzidine
Concen: 2.624 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.259 min
Lab File: BF126275.D
Acq: 20 Dec 2021 13:31

Tgt Ion:184 Resp: 11336
Ion Ratio Lower Upper
184 100
185 15.8 10.8 16.2
183 9.8 8.1 12.1

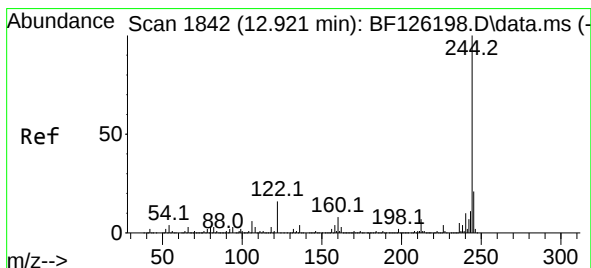
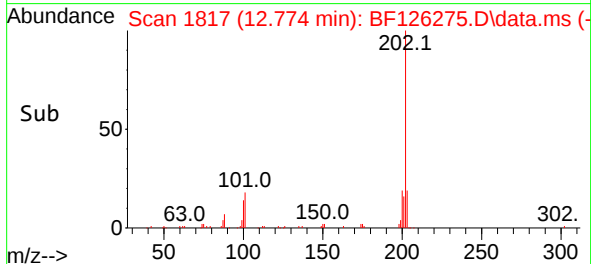
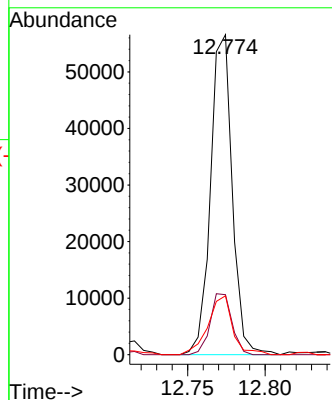
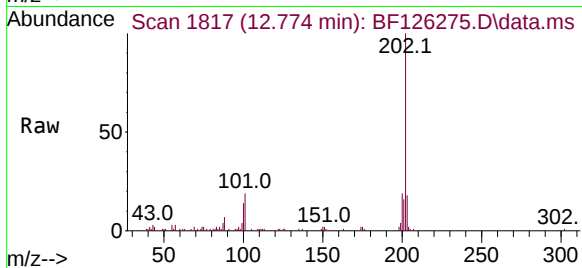




#78
 Pyrene
 Concen: 2.191 ng
 RT: 12.774 min Scan# 1817
 Delta R.T. 0.000 min
 Lab File: BF126275.D
 Acq: 20 Dec 2021 13:31

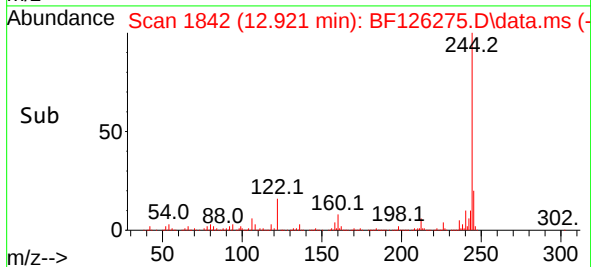
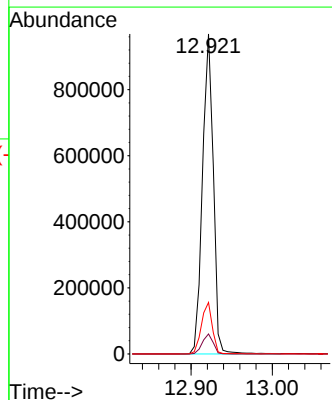
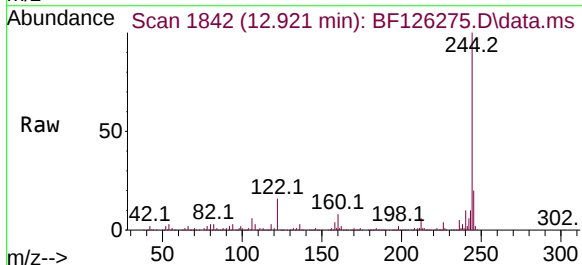
Instrument :
 BNA_F
 ClientSampleId :

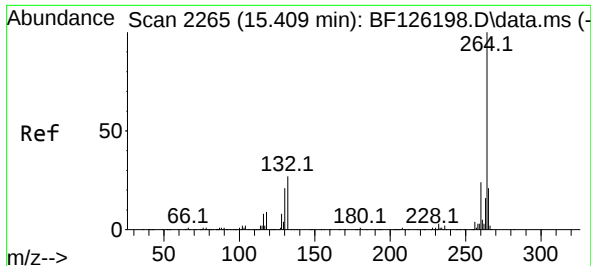
Tgt Ion:202 Resp: 55152
 Ion Ratio Lower Upper
 202 100
 200 18.7 15.3 22.9
 203 18.4 13.4 20.0



#79
 Terphenyl-d14
 Concen: 56.894 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF126275.D
 Acq: 20 Dec 2021 13:31

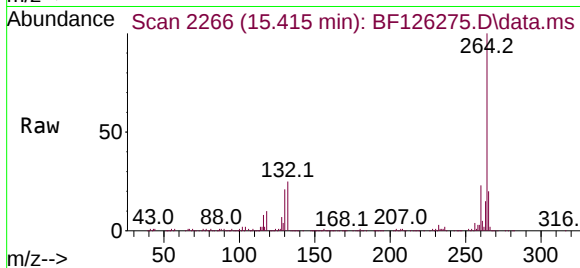
Tgt Ion:244 Resp: 897042
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.9 8.9
 122 16.1 9.0 13.4#



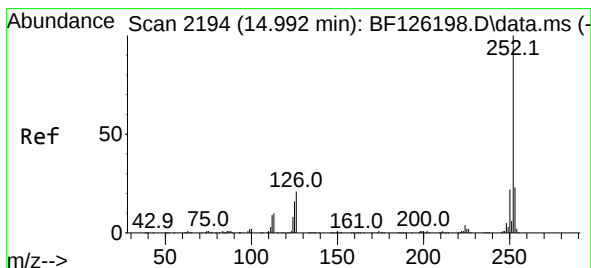
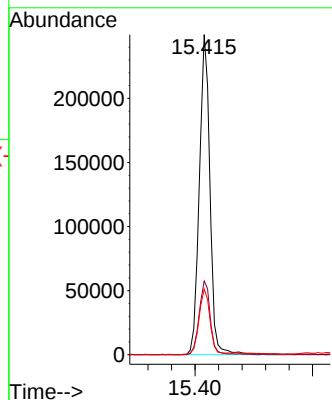
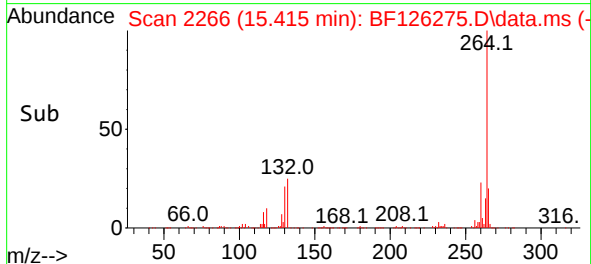


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BF126275.D
Acq: 20 Dec 2021 13:31

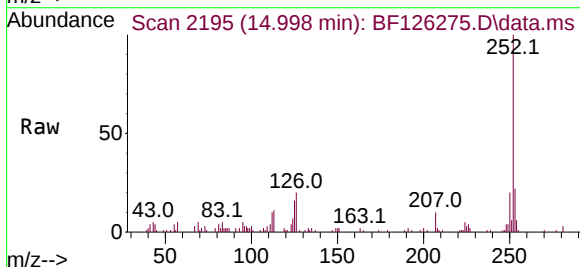
Instrument :
BNA_F
ClientSampleId :



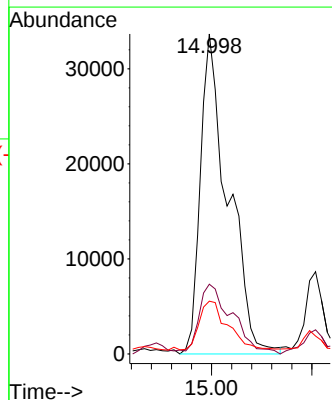
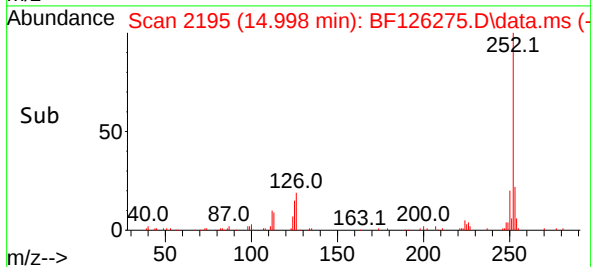
Tgt Ion:264 Resp: 313163
Ion Ratio Lower Upper
264 100
260 23.0 19.6 29.4
265 20.5 17.2 25.8

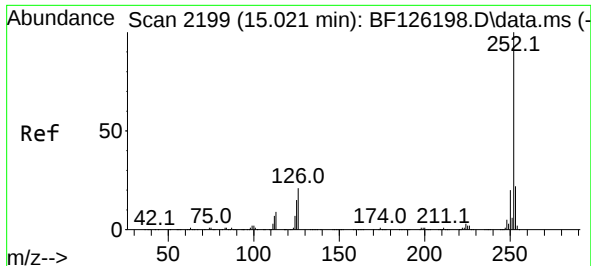


#88
Benzo(b)fluoranthene
Concen: 3.426 ng
RT: 14.998 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BF126275.D
Acq: 20 Dec 2021 13:31



Tgt Ion:252 Resp: 64462
Ion Ratio Lower Upper
252 100
253 21.8 16.8 25.2
125 16.5 9.8 14.8#





#89

Benzo(k)fluoranthene

Concen: 3.581 ng

RT: 14.998 min Scan# 2199

Delta R.T. -0.023 min

Lab File: BF126275.D

Acq: 20 Dec 2021 13:31

Instrument :

BNA_F

ClientSampleId :

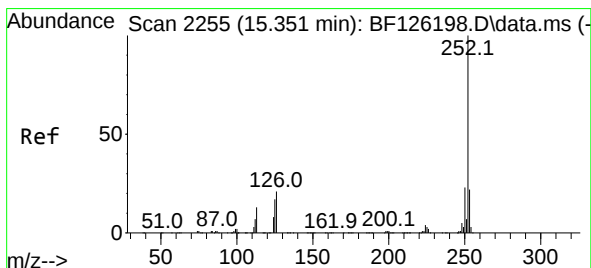
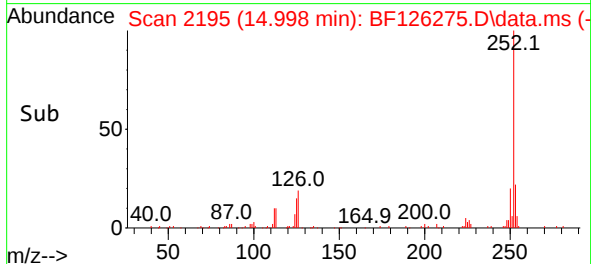
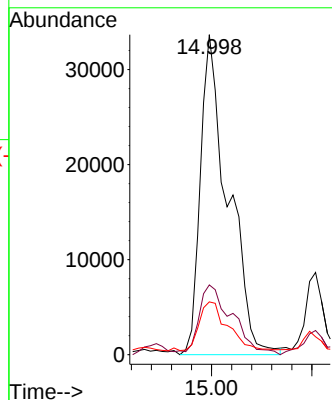
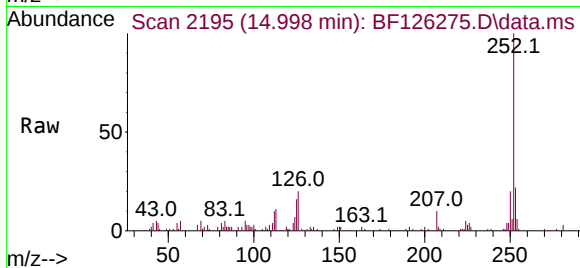
Tgt Ion:252 Resp: 64462

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 16.5 7.2 10.8#



#90

Benzo(a)pyrene

Concen: 2.368 ng

RT: 15.351 min Scan# 2255

Delta R.T. 0.000 min

Lab File: BF126275.D

Acq: 20 Dec 2021 13:31

Tgt Ion:252 Resp: 37037

Ion Ratio Lower Upper

252 100

253 22.0 18.4 27.6

125 17.5 9.9 14.9#

