

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
 Data File : BF126309.D
 Acq On : 21 Dec 2021 21:49
 Operator : JU/CG
 Sample : M5179-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 05:22:59 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)

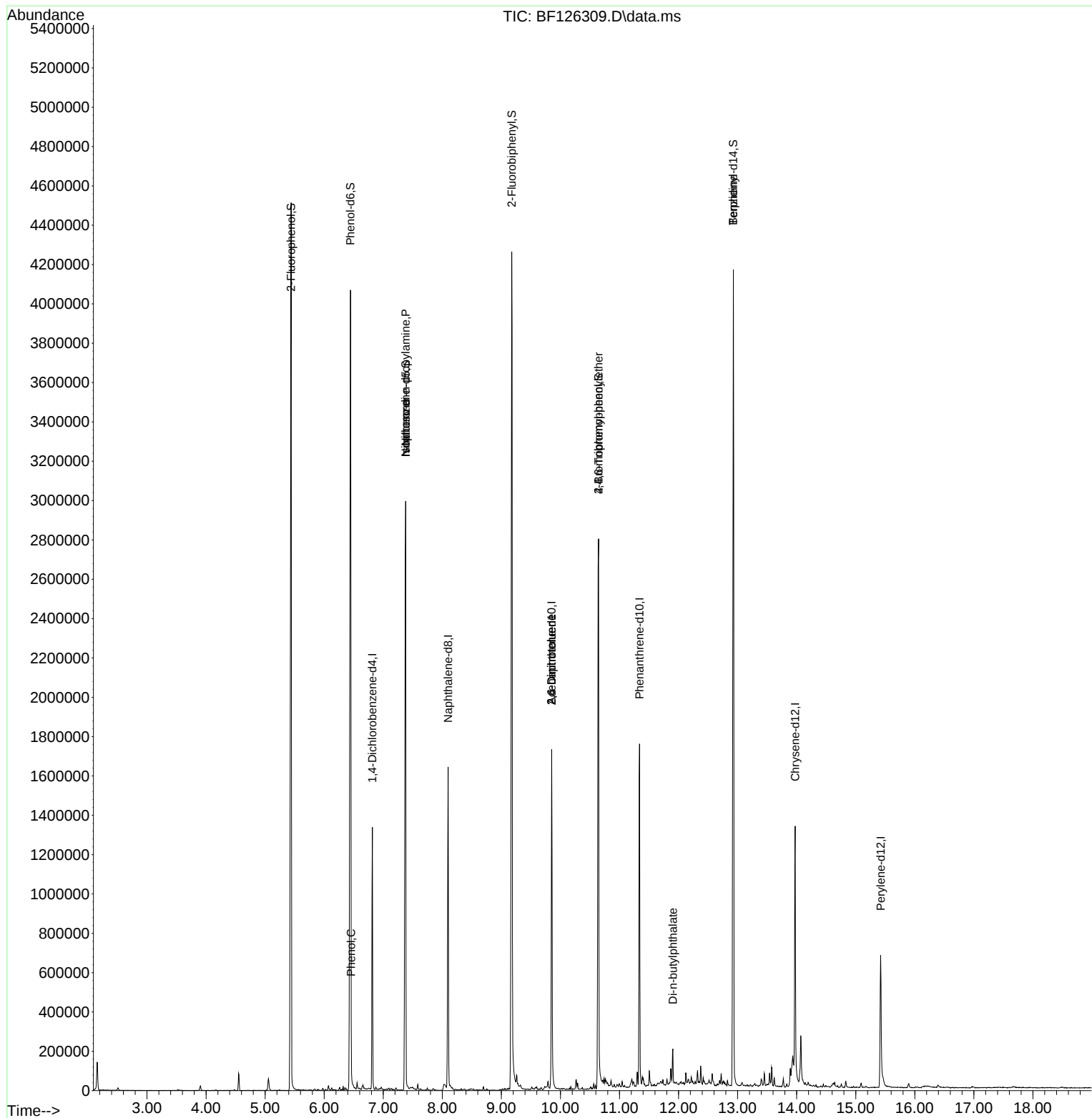
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	181446	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	808122	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	396659	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	658606	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	469296	20.000	ng	0.00
86) Perylene-d12	15.421	264	352537	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1445416	117.313	ng	0.02
7) Phenol-d6	6.445	99	1894613	121.103	ng	0.00
23) Nitrobenzene-d5	7.381	82	1257371	84.267	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	419185	131.499	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1753292	77.524	ng	0.00
79) Terphenyl-d14	12.927	244	1583597	58.651	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.457	94	46042	2.622	ng	88
19) n-Nitroso-di-n-propyla...	7.381	70	163087	16.981	ng	# 54
25) Isophorone	7.381	82	1184478	42.037	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	51639	9.495	ng	# 28
57) 2,4-Dinitrotoluene	9.851	165	51642	7.444	ng	# 20
67) 4-Bromophenyl-phenylether	10.645	248	21737	3.517	ng	# 1
74) Di-n-butylphthalate	11.904	149	87583	2.150	ng	96
77) Benzidine	12.927	184	19584	2.647	ng	# 91

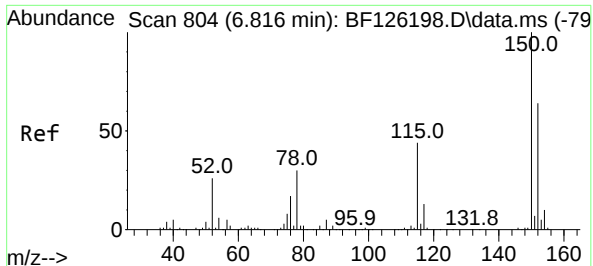
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
Data File : BF126309.D
Acq On : 21 Dec 2021 21:49
Operator : JU/CG
Sample : M5179-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

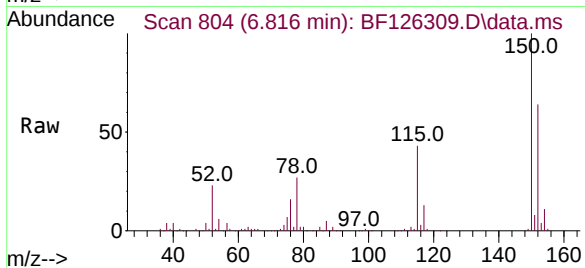
Quant Time: Dec 22 05:22:59 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration



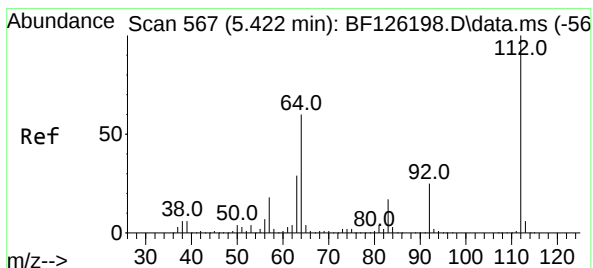
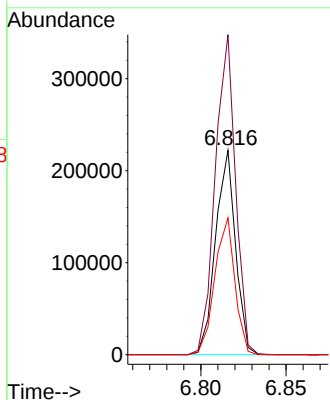
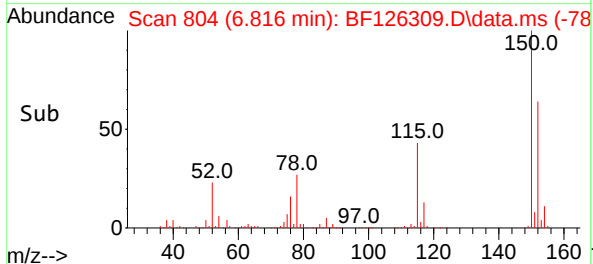


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126309.D
Acq: 21 Dec 2021 21:49

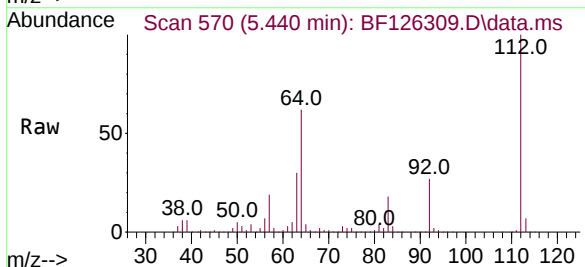
Instrument :
BNA_F
ClientSampleId :



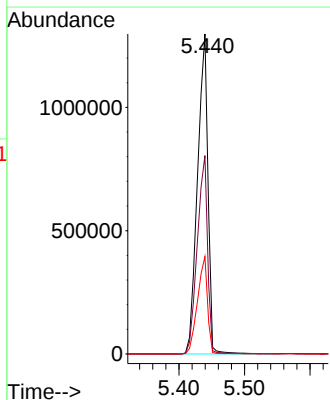
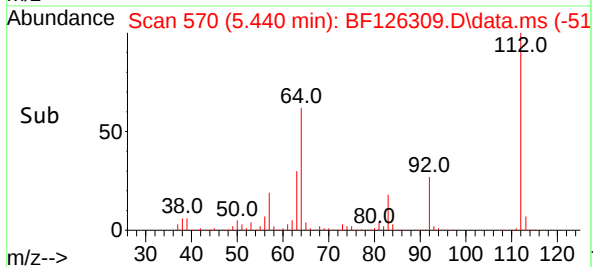
Tgt Ion:152 Resp: 181446
Ion Ratio Lower Upper
152 100
150 156.6 117.6 176.4
115 67.0 47.1 70.7



#5
2-Fluorophenol
Concen: 117.313 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.018 min
Lab File: BF126309.D
Acq: 21 Dec 2021 21:49



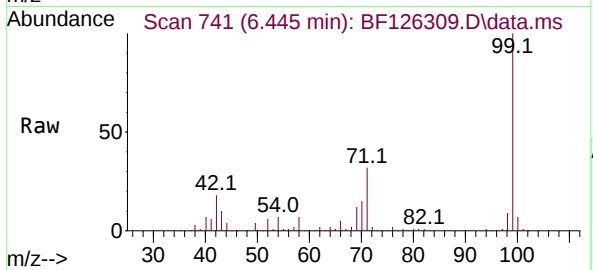
Tgt Ion:112 Resp: 1445416
Ion Ratio Lower Upper
112 100
64 62.0 44.2 66.2
63 30.4 26.2 39.2



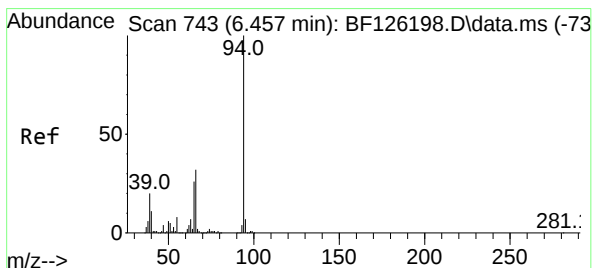
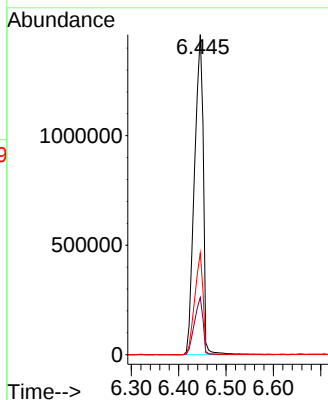
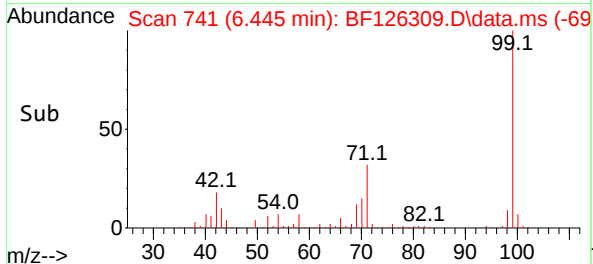


#7
Phenol-d6
Concen: 121.103 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF126309.D
Acq: 21 Dec 2021 21:49

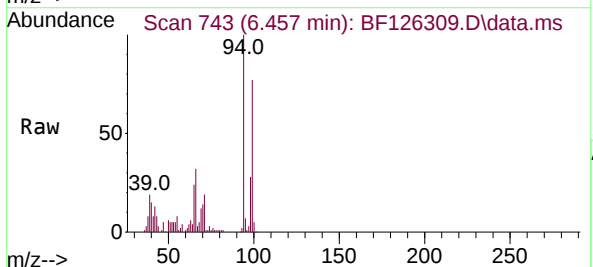
Instrument :
BNA_F
ClientSampleId :



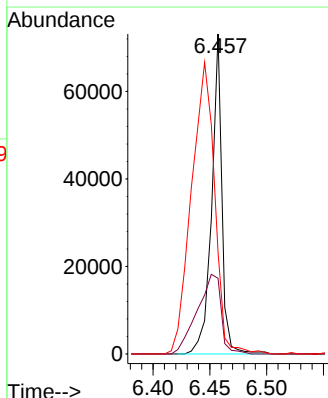
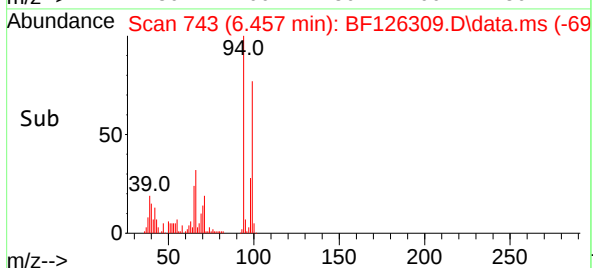
Tgt Ion: 99 Resp: 1894613
Ion Ratio Lower Upper
99 100
42 17.9 23.5 35.3#
71 31.8 25.6 38.4

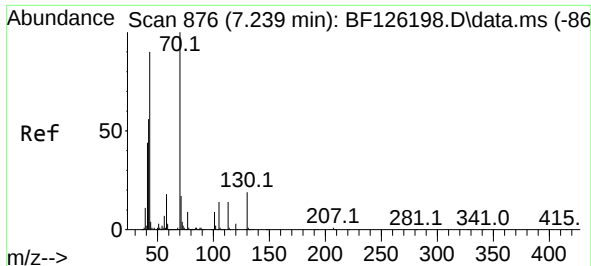


#10
Phenol
Concen: 2.622 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF126309.D
Acq: 21 Dec 2021 21:49



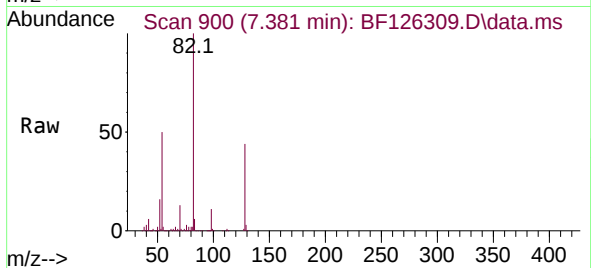
Tgt Ion: 94 Resp: 46042
Ion Ratio Lower Upper
94 100
65 23.7 9.3 49.3
66 31.9 20.3 60.3



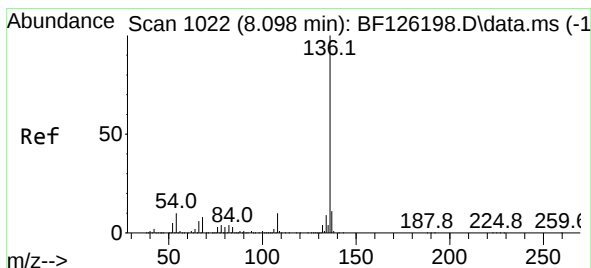
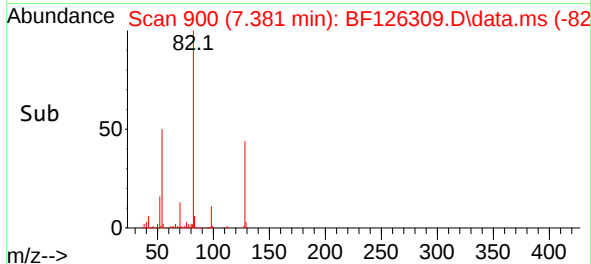
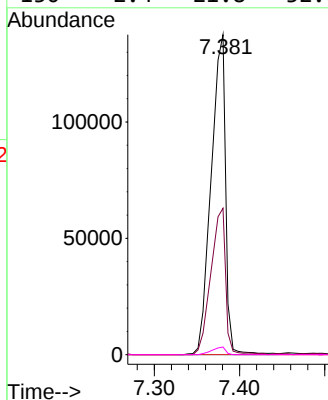


#19
n-Nitroso-di-n-propylamine
Concen: 16.981 ng
RT: 7.381 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF126309.D
Acq: 21 Dec 2021 21:49

Instrument :
BNA_F
ClientSampleId :

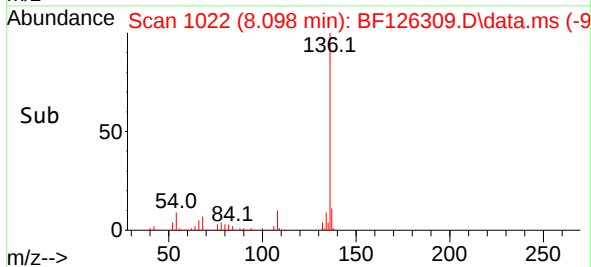
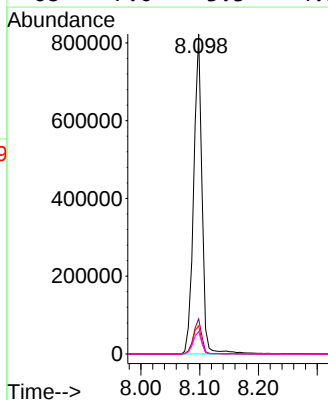
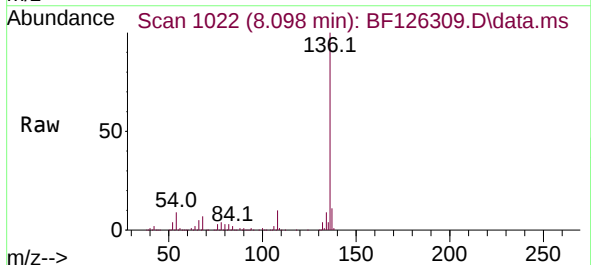


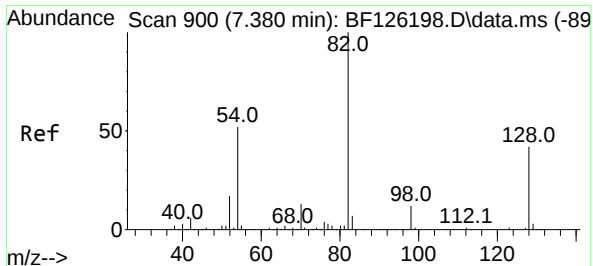
Tgt Ion: 70 Resp: 163087
Ion Ratio Lower Upper
70 100
42 45.8 72.2 108.2#
101 0.0 7.8 11.8#
130 2.4 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126309.D
Acq: 21 Dec 2021 21:49

Tgt Ion: 136 Resp: 808122
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 8.8 6.4 9.6
68 7.0 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 84.267 ng

RT: 7.381 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF126309.D

Acq: 21 Dec 2021 21:49

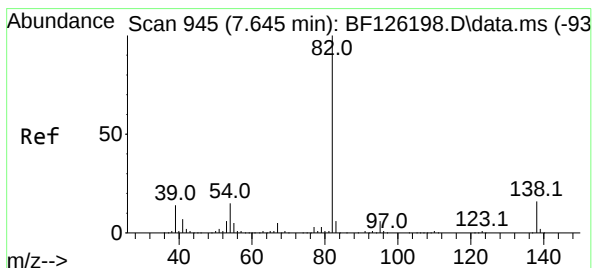
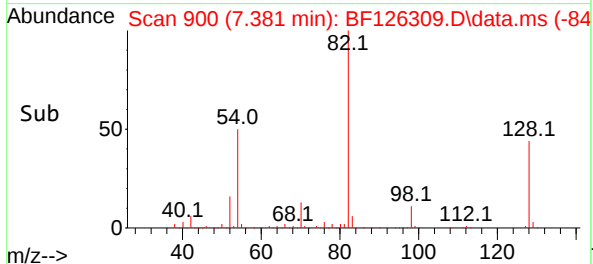
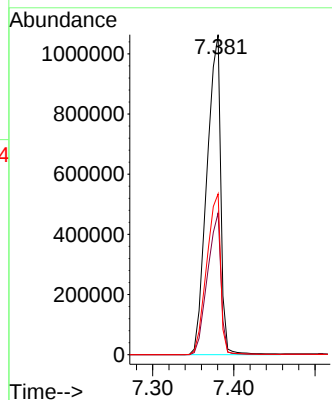
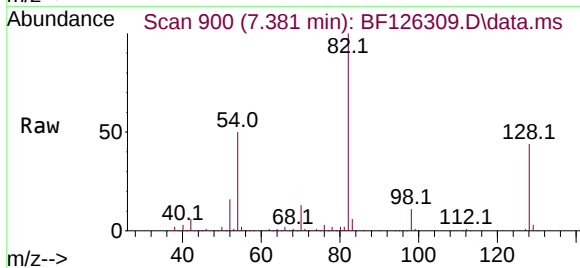
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 82 Resp: 1257371

Ion	Ratio	Lower	Upper
82	100		
128	44.3	40.6	60.8
54	50.3	49.6	74.4



#25

Isophorone

Concen: 42.037 ng

RT: 7.381 min Scan# 900

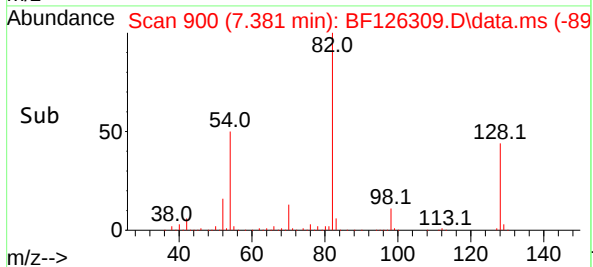
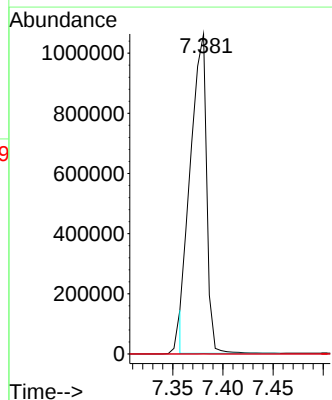
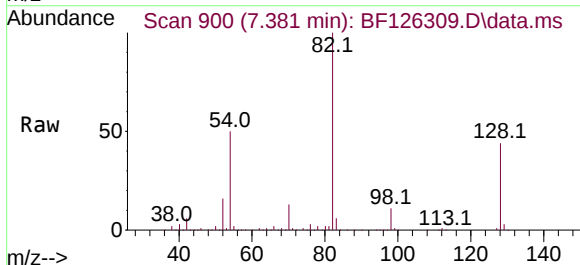
Delta R.T. -0.265 min

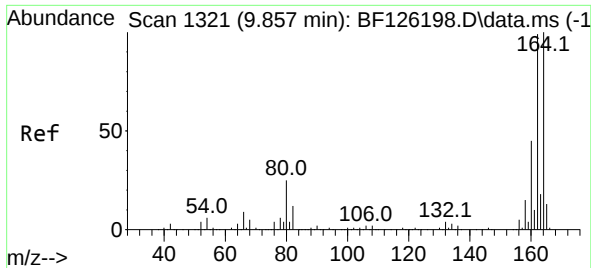
Lab File: BF126309.D

Acq: 21 Dec 2021 21:49

Tgt Ion: 82 Resp: 1184478

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

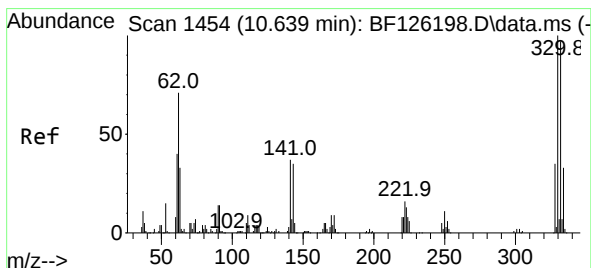
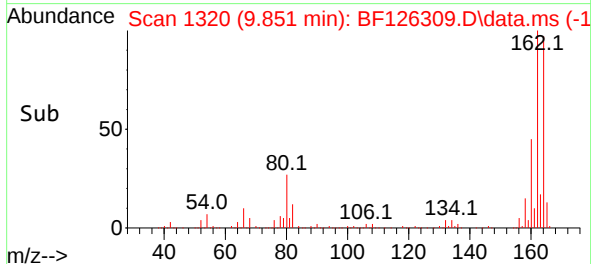
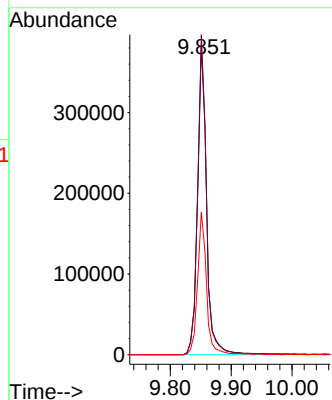
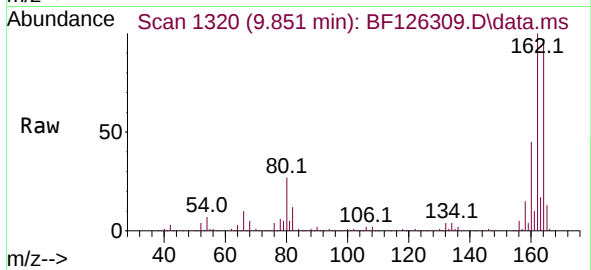




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126309.D
Acq: 21 Dec 2021 21:49

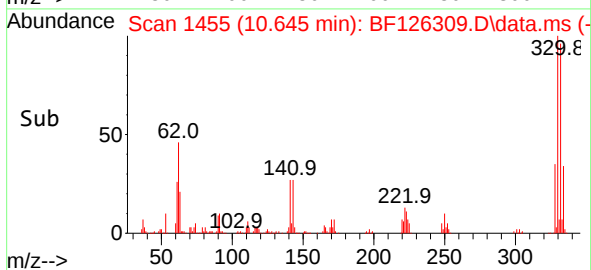
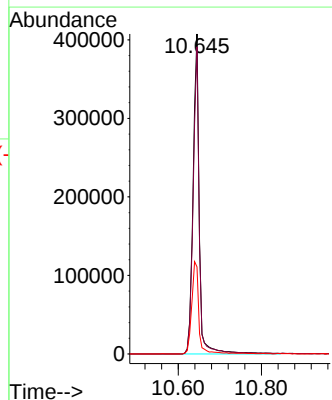
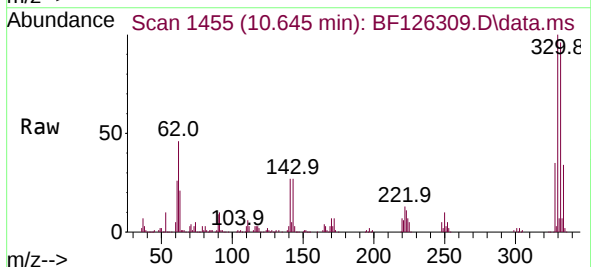
Instrument :
BNA_F
ClientSampleId :

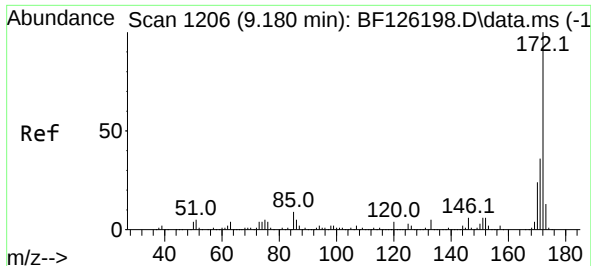
Tgt Ion:164 Resp: 396659
Ion Ratio Lower Upper
164 100
162 103.4 81.3 121.9
160 46.1 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 131.499 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BF126309.D
Acq: 21 Dec 2021 21:49

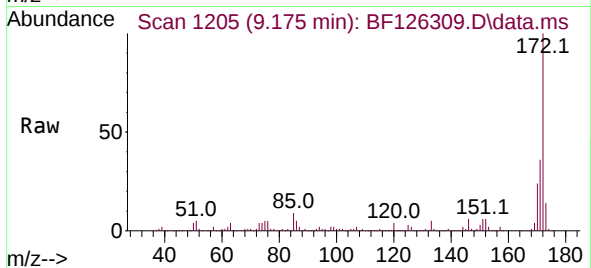
Tgt Ion:330 Resp: 419185
Ion Ratio Lower Upper
330 100
332 94.6 76.2 114.4
141 33.1 44.6 66.8#



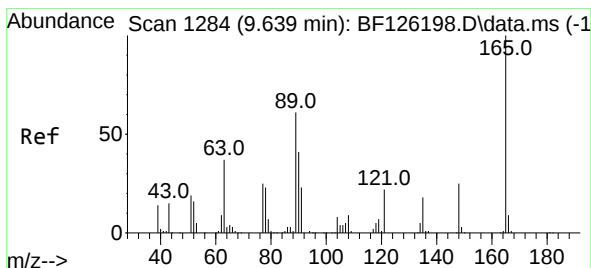
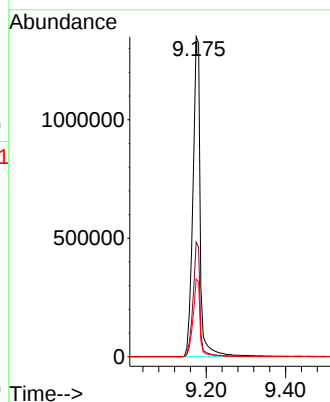
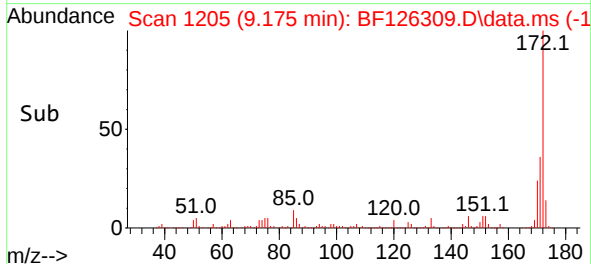


#45
2-Fluorobiphenyl
Concen: 77.524 ng
RT: 9.175 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126309.D
Acq: 21 Dec 2021 21:49

Instrument :
BNA_F
ClientSampleId :

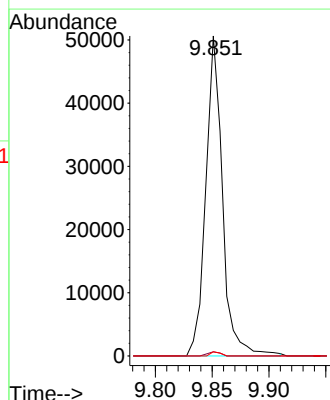
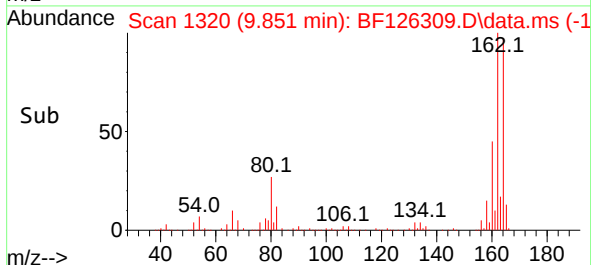
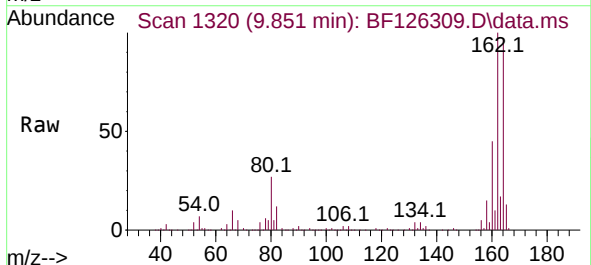


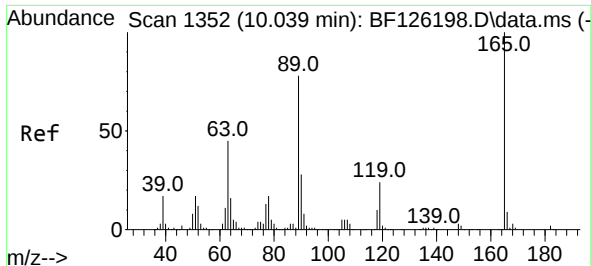
Tgt Ion:172 Resp: 1753292
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 24.3 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.495 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.212 min
Lab File: BF126309.D
Acq: 21 Dec 2021 21:49

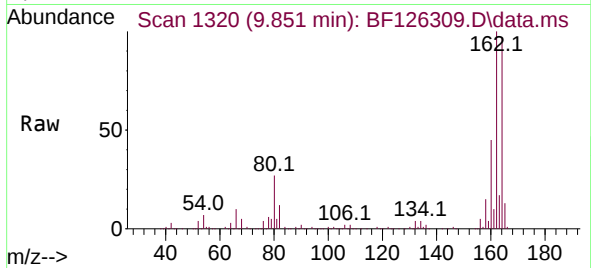
Tgt Ion:165 Resp: 51639
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 1.3 40.6 60.8#



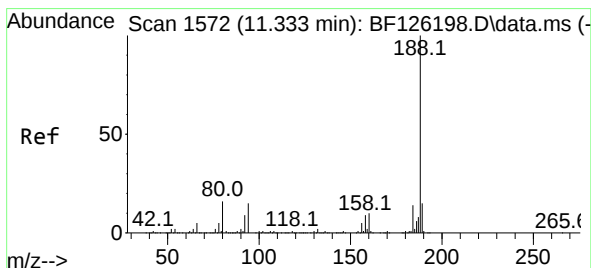
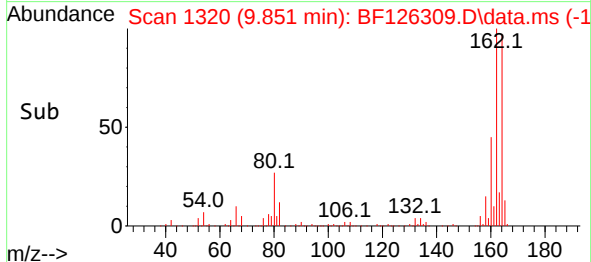
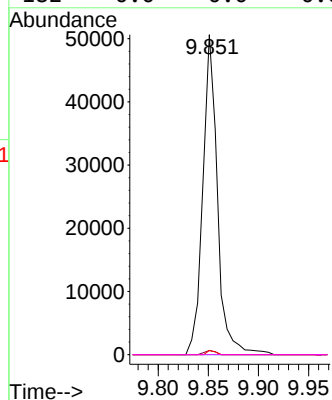


#57
2,4-Dinitrotoluene
Concen: 7.444 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126309.D
Acq: 21 Dec 2021 21:49

Instrument :
BNA_F
ClientSampleId :

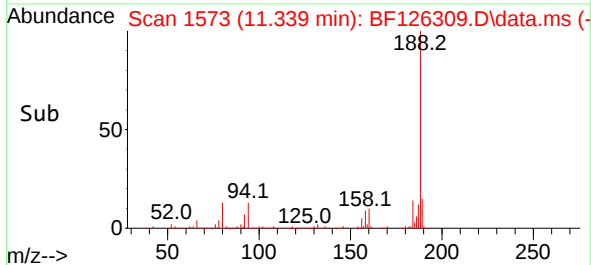
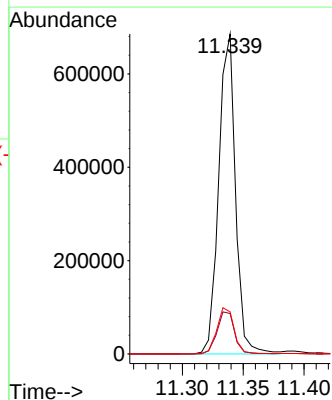
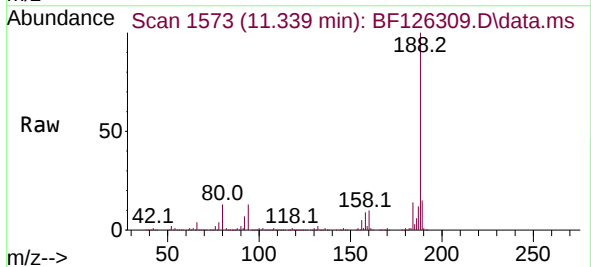


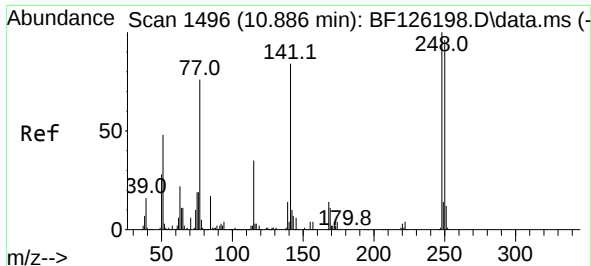
Tgt Ion:165 Resp: 51642
Ion Ratio Lower Upper
165 100
63 1.3 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.006 min
Lab File: BF126309.D
Acq: 21 Dec 2021 21:49

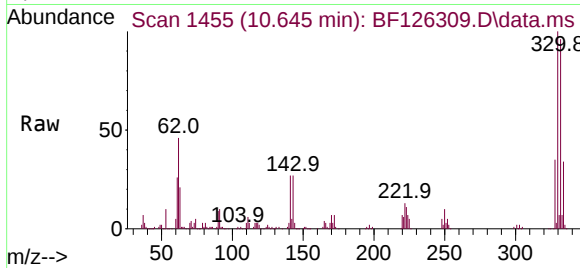
Tgt Ion:188 Resp: 658606
Ion Ratio Lower Upper
188 100
94 12.6 6.7 10.1#
80 13.2 7.5 11.3#



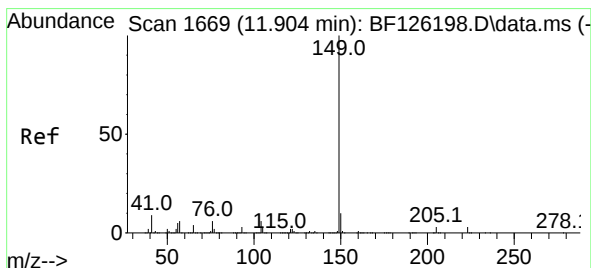
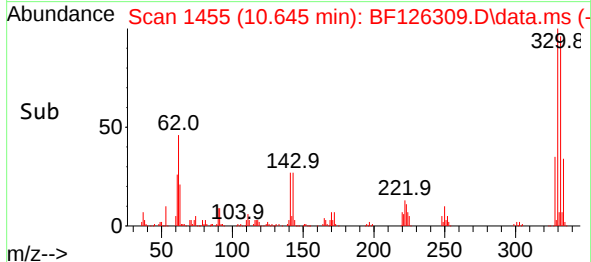
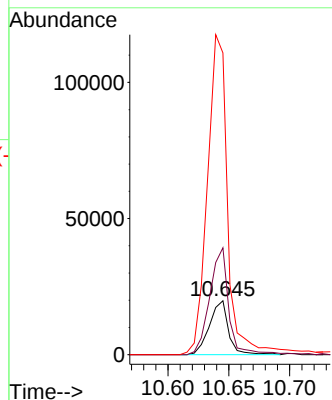


#67
4-Bromophenyl-phenylether
Concen: 3.517 ng
RT: 10.645 min Scan# 1496
Delta R.T. -0.241 min
Lab File: BF126309.D
Acq: 21 Dec 2021 21:49

Instrument :
BNA_F
ClientSampleId :

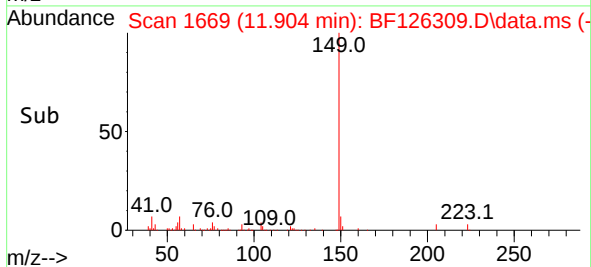
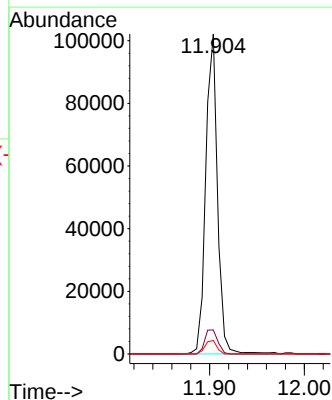
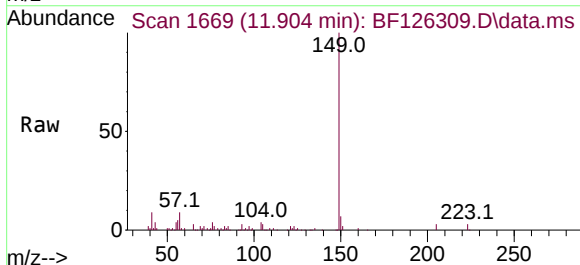


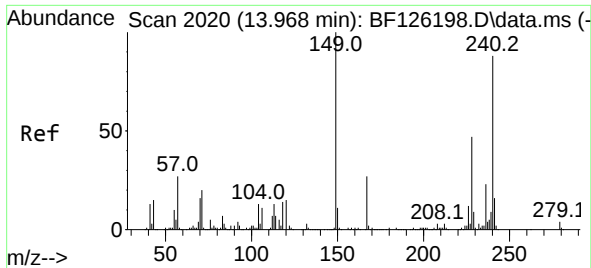
Tgt Ion:248 Resp: 21737
Ion Ratio Lower Upper
248 100
250 197.9 74.2 111.4#
141 558.9 60.4 90.6#



#74
Di-n-butylphthalate
Concen: 2.150 ng
RT: 11.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BF126309.D
Acq: 21 Dec 2021 21:49

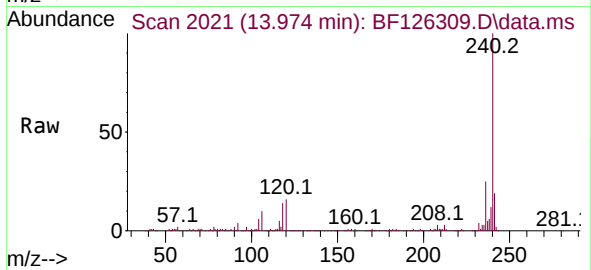
Tgt Ion:149 Resp: 87583
Ion Ratio Lower Upper
149 100
150 7.5 7.4 11.2
104 4.2 4.1 6.1



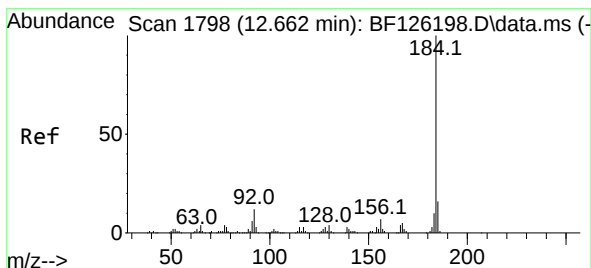
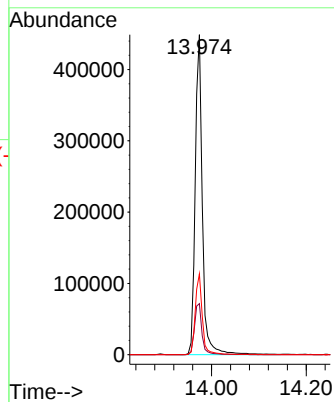
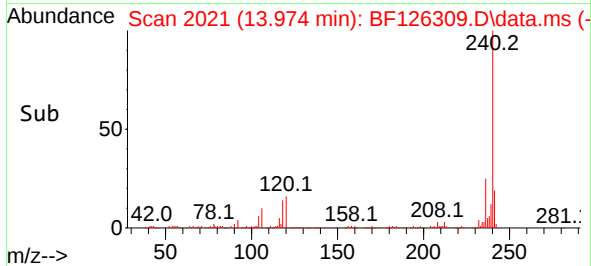


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF126309.D
Acq: 21 Dec 2021 21:49

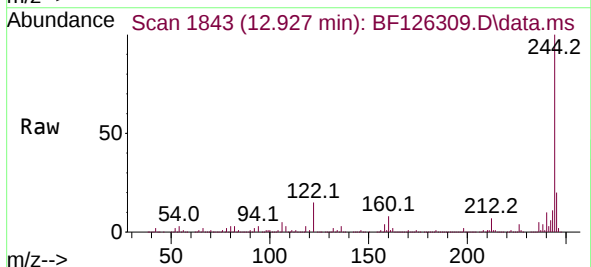
Instrument :
BNA_F
ClientSampleId :



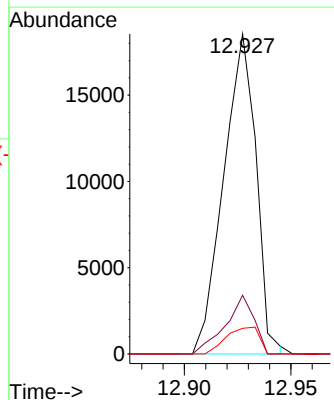
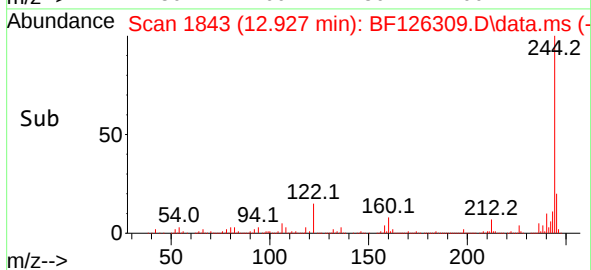
Tgt Ion:240 Resp: 469296
Ion Ratio Lower Upper
240 100
120 16.0 10.8 16.2
236 25.2 21.6 32.4

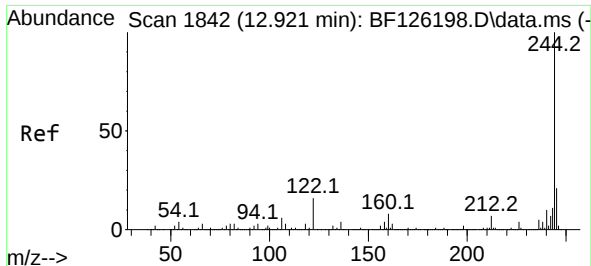


#77
Benzidine
Concen: 2.647 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.265 min
Lab File: BF126309.D
Acq: 21 Dec 2021 21:49



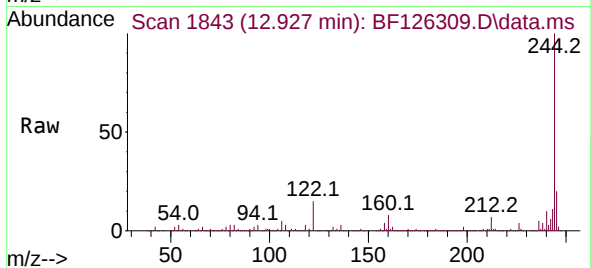
Tgt Ion:184 Resp: 19584
Ion Ratio Lower Upper
184 100
185 18.4 10.8 16.2#
183 8.0 8.1 12.1#



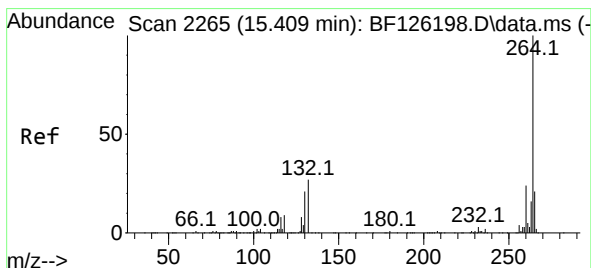
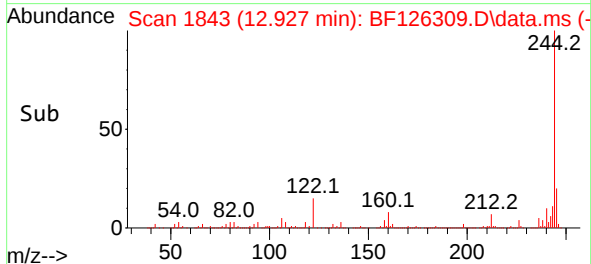
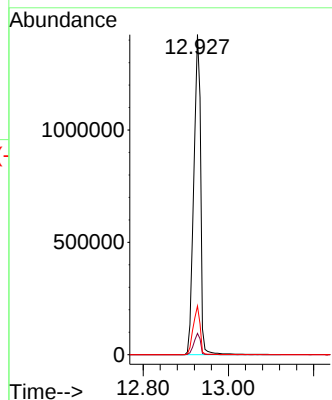


#79
 Terphenyl-d14
 Concen: 58.651 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF126309.D
 Acq: 21 Dec 2021 21:49

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1583597
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 15.2 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.012 min
 Lab File: BF126309.D
 Acq: 21 Dec 2021 21:49

Tgt Ion:264 Resp: 352537
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.6 29.4
 265 21.0 17.2 25.8

