

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
 Data File : BF126218.D
 Acq On : 16 Dec 2021 18:39
 Operator : JU/CG
 Sample : M4927-13RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 17 01:47:15 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)

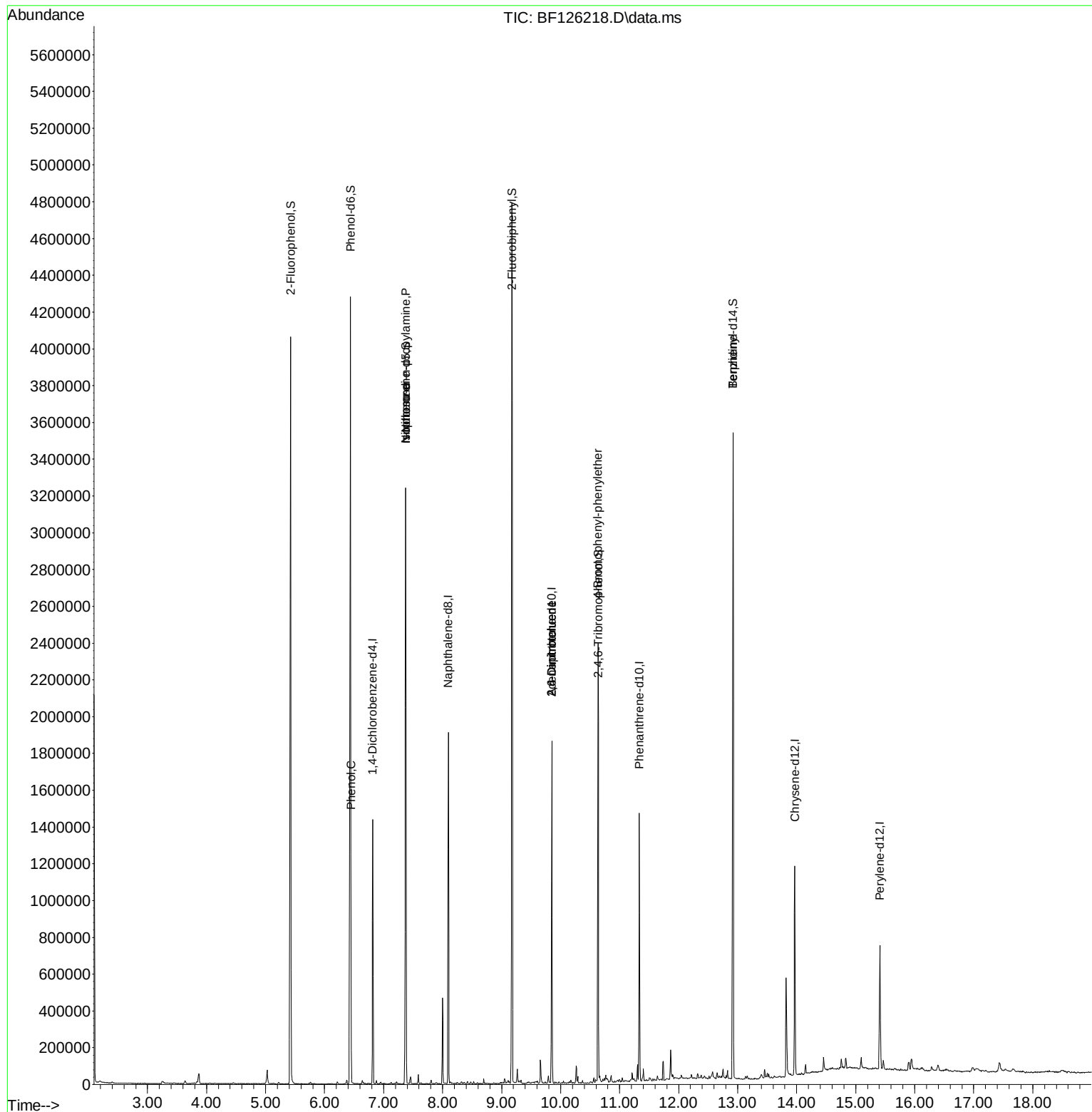
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	183748	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	756536	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	332882	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	460504	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	346285	20.000	ng	# 0.00
86) Perylene-d12	15.409	264	268842	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1354238	108.535	ng	0.00
7) Phenol-d6	6.439	99	1686136	106.427	ng	0.00
23) Nitrobenzene-d5	7.375	82	1065251	76.260	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	263843	98.626	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1441688	75.959	ng	0.00
79) Terphenyl-d14	12.921	244	1127093	56.572	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.445	94	53256	2.995	ng	87
19) n-Nitroso-di-n-propyla...	7.375	70	136454	14.030	ng	# 54
25) Isophorone	7.375	82	1040006	39.426	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	42230	9.253	ng	# 27
57) 2,4-Dinitrotoluene	9.851	165	42230	7.254	ng	# 19
67) 4-Bromophenyl-phenylether	10.633	248	14991	3.469	ng	# 1
77) Benzidine	12.921	184	14827	2.716	ng	# 94

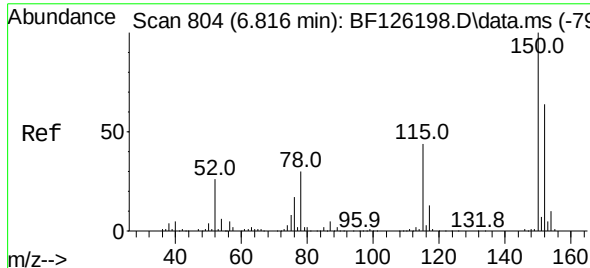
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
Data File : BF126218.D
Acq On : 16 Dec 2021 18:39
Operator : JU/CG
Sample : M4927-13RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 17 01:47:15 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

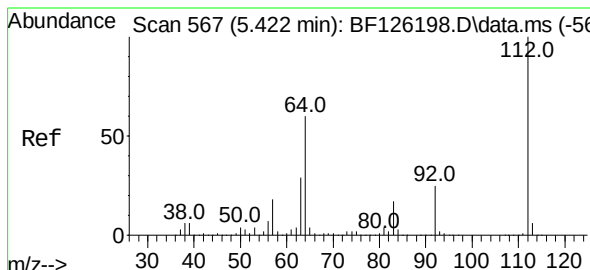
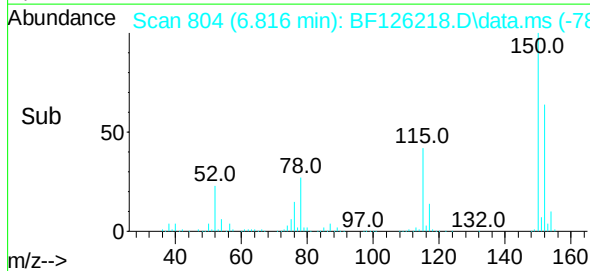
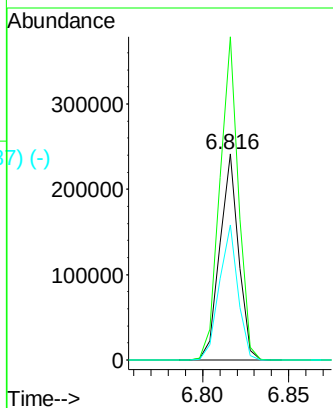
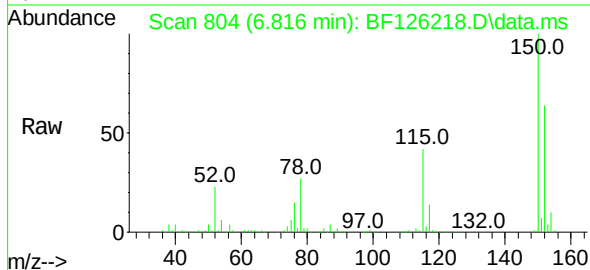




1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126218.D
Acq: 16 Dec 2021 18:39

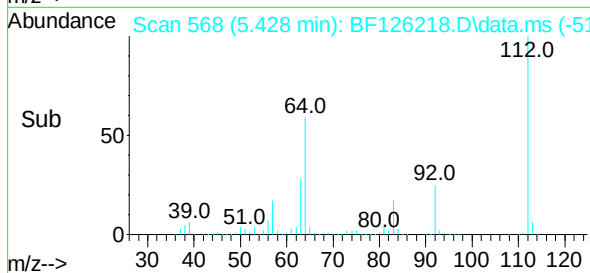
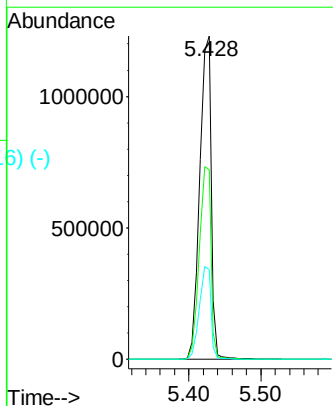
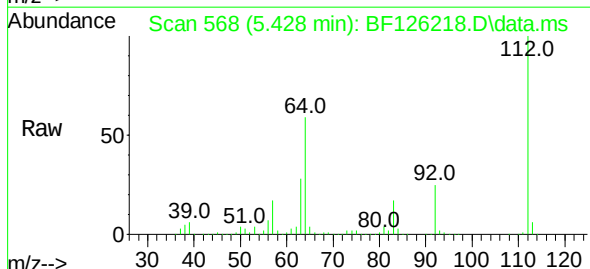
Instrument :
BNA_F
ClientSampleId :

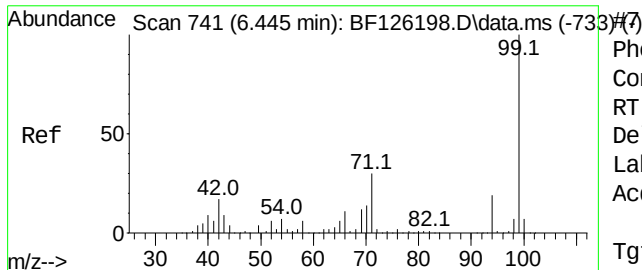
Tgt Ion:152 Resp: 183748
Ion Ratio Lower Upper
152 100
150 156.7 117.6 176.4
115 65.5 47.1 70.7



2-Fluorophenol
Concen: 108.535 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF126218.D
Acq: 16 Dec 2021 18:39

Tgt Ion:112 Resp: 1354238
Ion Ratio Lower Upper
112 100
64 58.6 44.2 66.2
63 27.8 26.2 39.2

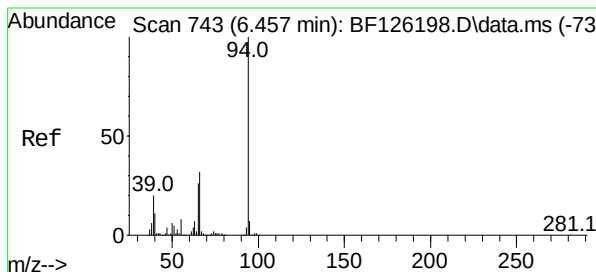
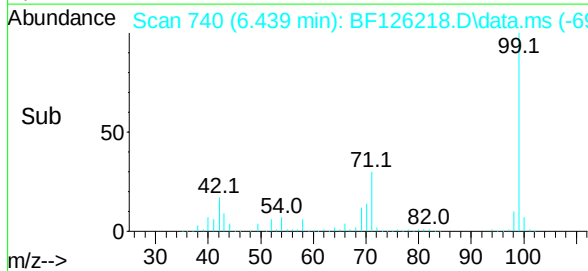
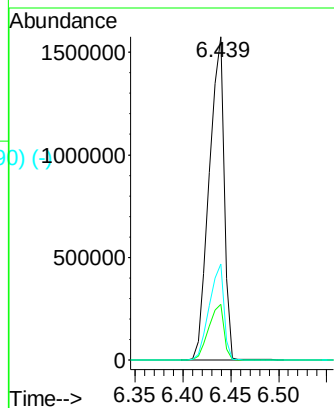
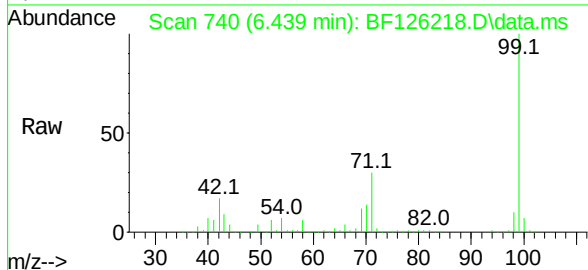




Phenol-d6
 Concen: 106.427 ng
 RT: 6.439 min Scan#
 Delta R.T. -0.006 min
 Lab File: BF126218.D
 Acq: 16 Dec 2021 18:39

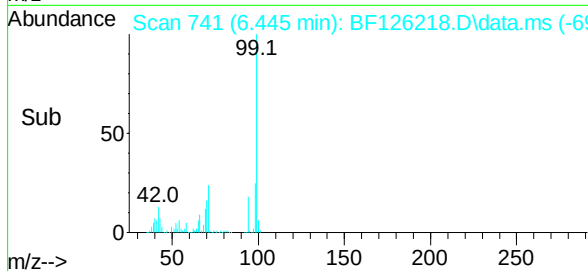
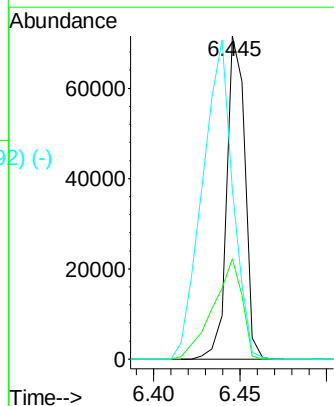
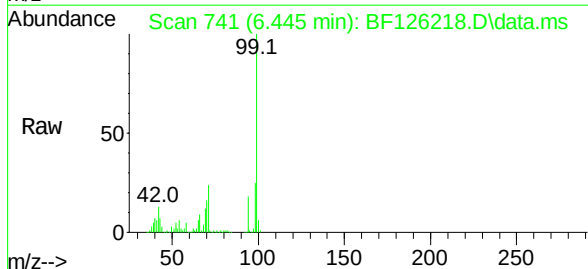
Instrument :
 BNA_F
 ClientSampleId :

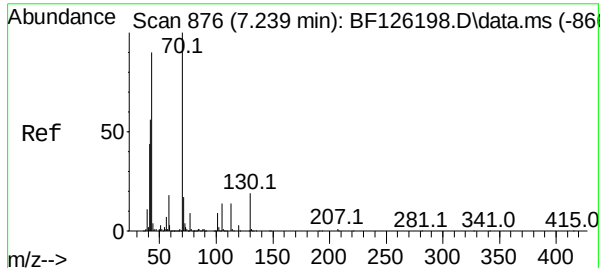
Tgt Ion: 99 Resp: 1686136
 Ion Ratio Lower Upper
 99 100
 42 17.3 23.5 35.3#
 71 29.7 25.6 38.4



Phenol
 Concen: 2.995 ng
 RT: 6.445 min Scan# 741
 Delta R.T. -0.012 min
 Lab File: BF126218.D
 Acq: 16 Dec 2021 18:39

Tgt Ion: 94 Resp: 53256
 Ion Ratio Lower Upper
 94 100
 65 31.2 9.3 49.3
 66 52.4 20.3 60.3

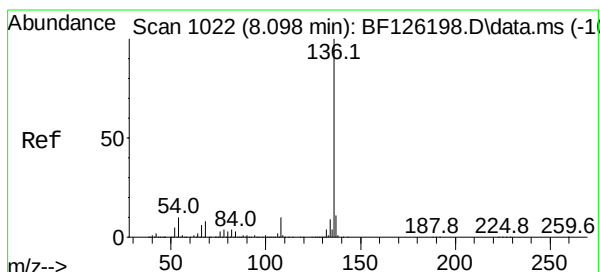
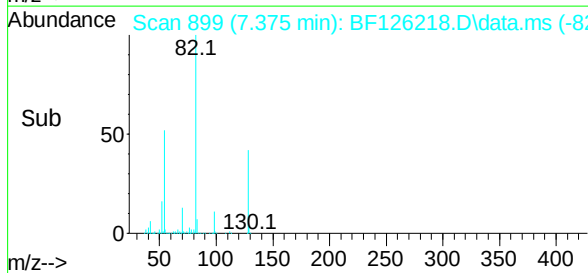
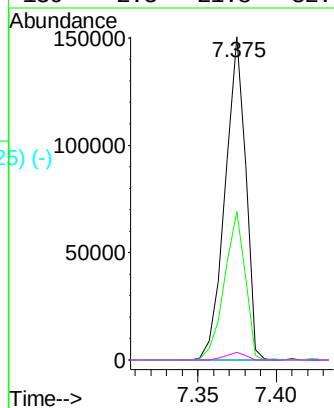
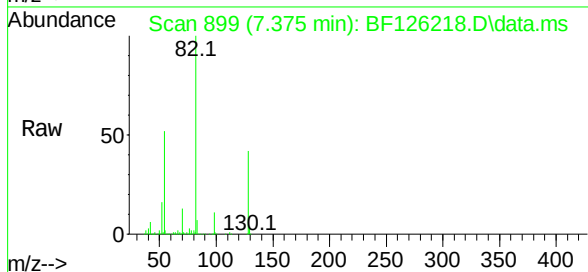




#19
n-Nitroso-di-n-propylamine
Concen: 14.030 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.135 min
Lab File: BF126218.D
Acq: 16 Dec 2021 18:39

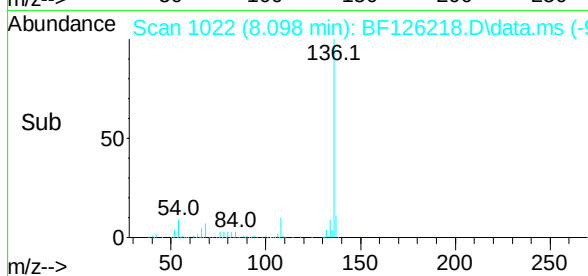
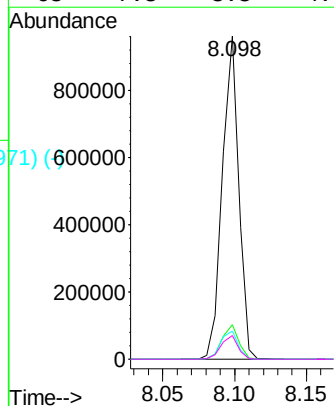
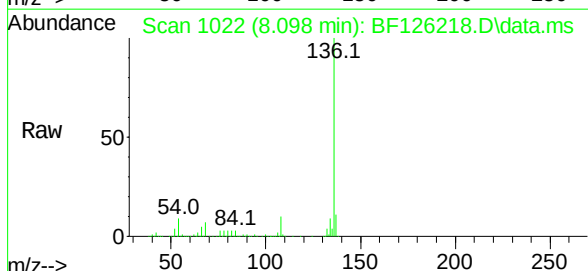
Instrument :
BNA_F
ClientSampleId :

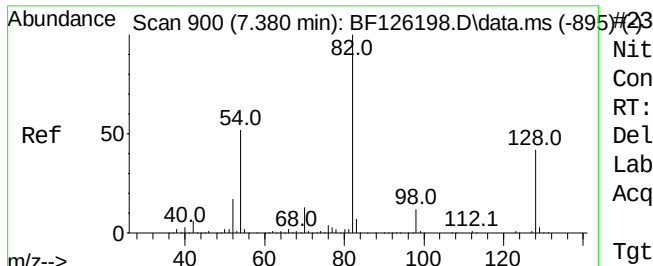
Tgt Ion:	70	Resp:	136454
Ion	Ratio	Lower	Upper
70	100		
42	45.8	72.2	108.2#
101	0.0	7.8	11.8#
130	2.3	21.8	32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126218.D
Acq: 16 Dec 2021 18:39

Tgt Ion:	136	Resp:	756536
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.6
54	8.7	6.4	9.6
68	7.3	3.3	4.9#





Nitrobenzene-d5

Concen: 76.260 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF126218.D

Acq: 16 Dec 2021 18:39

Instrument :

BNA_F

ClientSampleId :

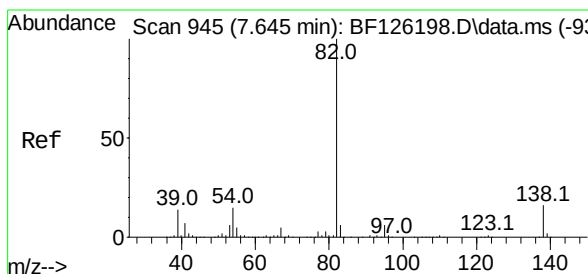
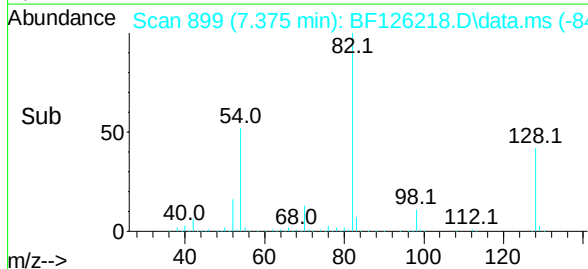
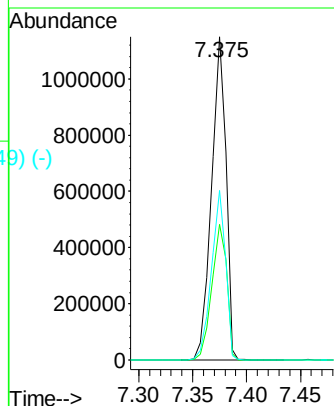
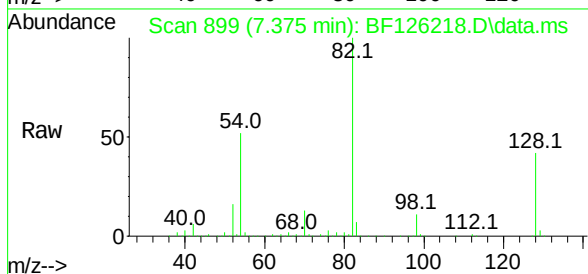
Tgt Ion: 82 Resp: 1065251

Ion Ratio Lower Upper

82 100

128 42.0 40.6 60.8

54 52.4 49.6 74.4



Isophorone

Concen: 39.426 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.270 min

Lab File: BF126218.D

Acq: 16 Dec 2021 18:39

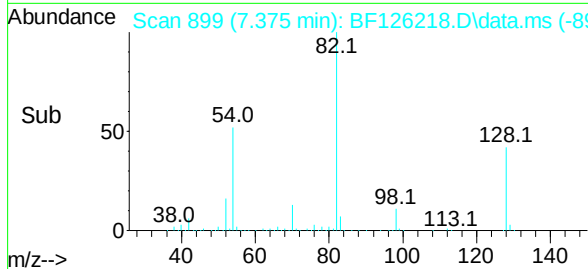
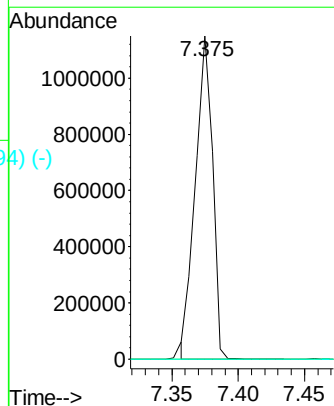
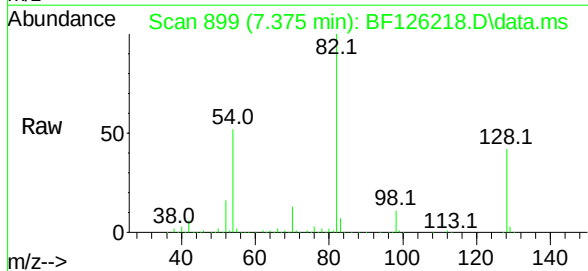
Tgt Ion: 82 Resp: 1040006

Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#



Abundance Scan 1321 (9.857 min): BF126198.D\data.ms (-13159)

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1321

Delta R.T. -0.006 min

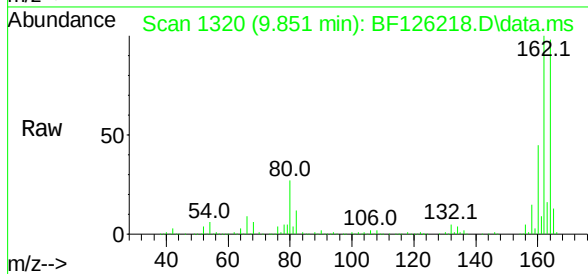
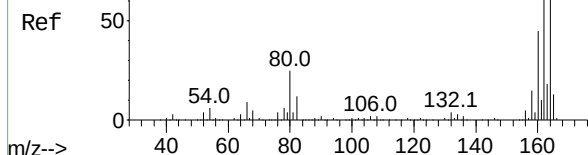
Lab File: BF126218.D

Acq: 16 Dec 2021 18:39

Instrument :

BNA_F

ClientSampleId :



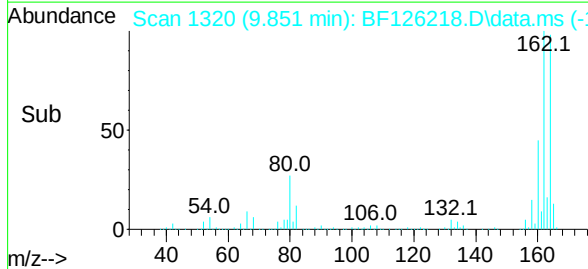
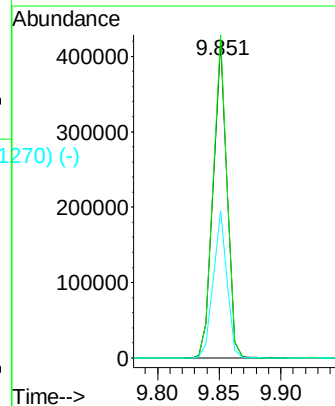
Tgt Ion:164 Resp: 332882

Ion Ratio Lower Upper

164 100

162 102.3 81.3 121.9

160 46.5 38.0 57.0



Abundance Scan 1454 (10.639 min): BF126198.D\data.ms (-1443)

2,4,6-Tribromophenol

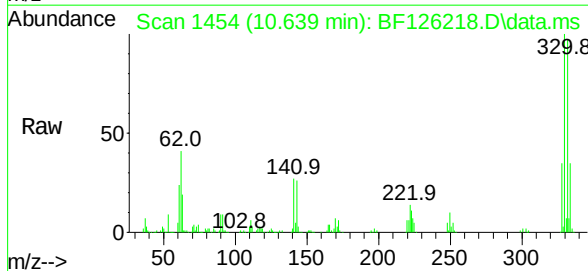
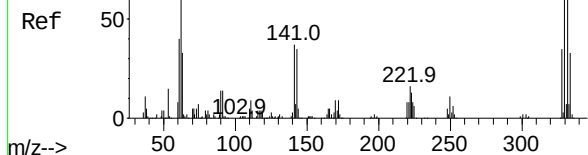
Concen: 98.626 ng

RT: 10.639 min Scan# 1454

Delta R.T. 0.000 min

Lab File: BF126218.D

Acq: 16 Dec 2021 18:39



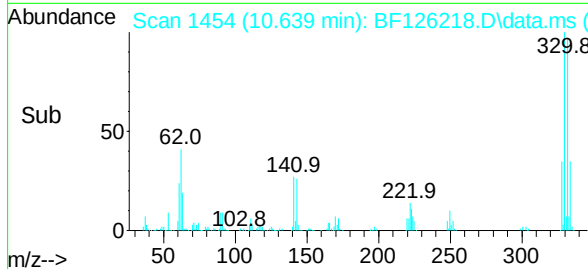
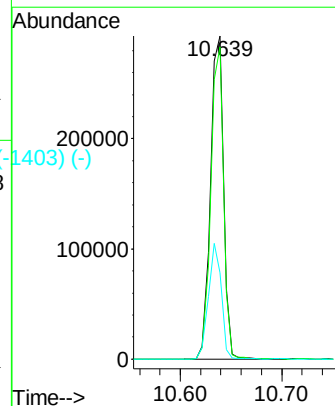
Tgt Ion:330 Resp: 263843

Ion Ratio Lower Upper

330 100

332 94.3 76.2 114.4

141 35.1 44.6 66.8#



Abundance Scan 1206 (9.180 min): BF126198.D\data.ms (-1195) (-)

2-Fluorobiphenyl

Concen: 75.959 ng

RT: 9.175 min Scan# 1155

Delta R.T. -0.006 min

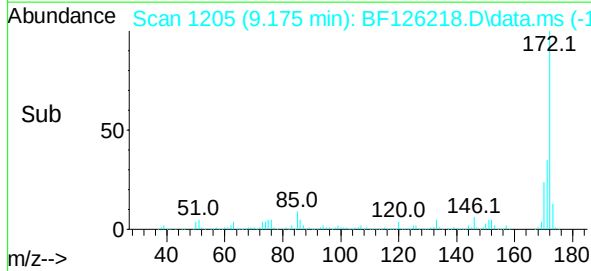
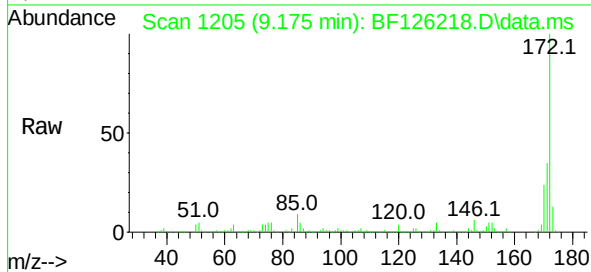
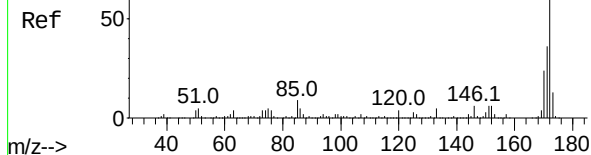
Lab File: BF126218.D

Acq: 16 Dec 2021 18:39

Instrument :

BNA_F

ClientSampleId :



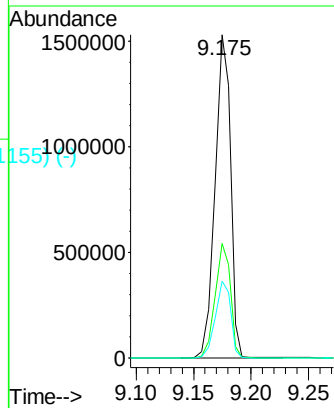
Tgt Ion:172 Resp: 1441688

Ion Ratio Lower Upper

172 100

171 35.5 26.5 39.7

170 23.8 18.8 28.2



Abundance Scan 1284 (9.639 min): BF126198.D\data.ms (-1275) (-)

2,6-Dinitrotoluene

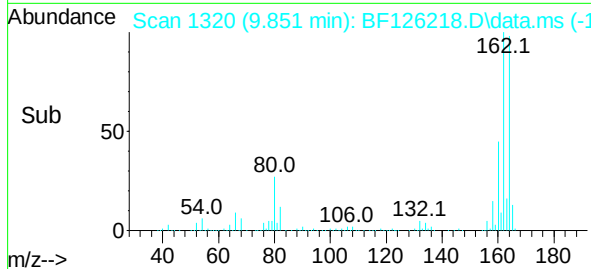
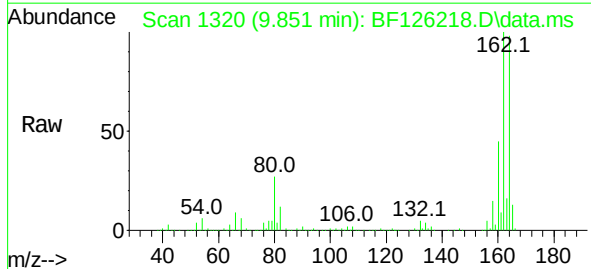
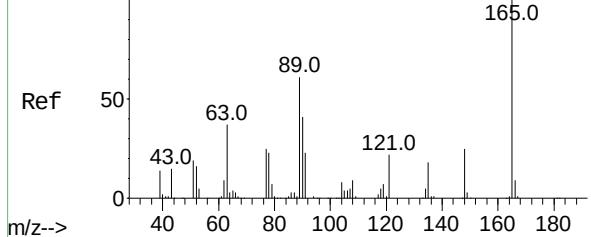
Concen: 9.253 ng

RT: 9.851 min Scan# 1320

Delta R.T. 0.212 min

Lab File: BF126218.D

Acq: 16 Dec 2021 18:39



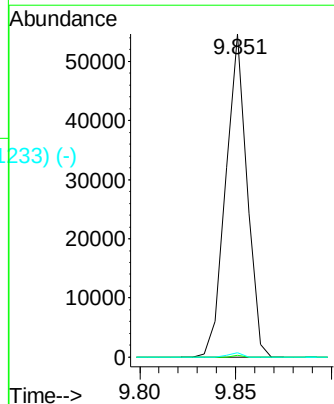
Tgt Ion:165 Resp: 42230

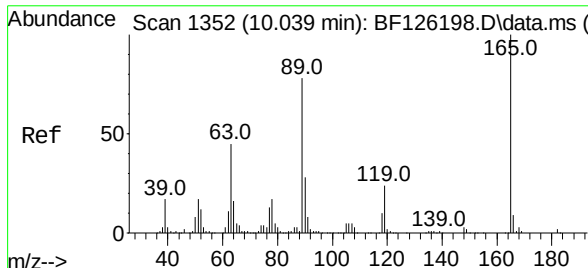
Ion Ratio Lower Upper

165 100

63 0.6 42.6 63.8#

89 1.4 40.6 60.8#

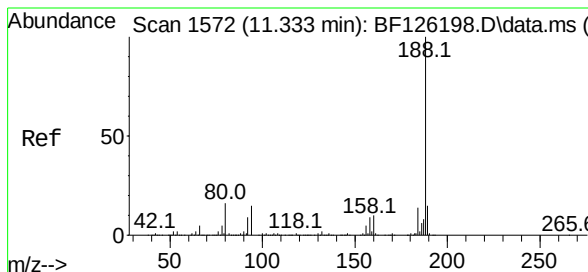
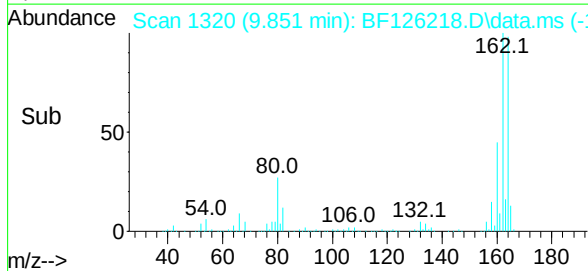
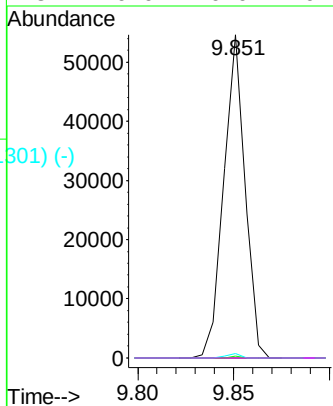
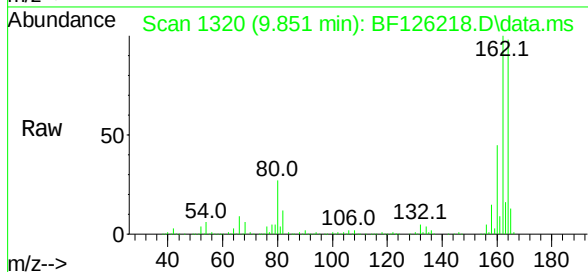




Scan 1352 (10.039 min): BF126198.D\data.ms (-1352) (-)
 2,4-Dinitrotoluene
 Concen: 7.254 ng
 RT: 9.851 min Scan# 1352
 Delta R.T. -0.188 min
 Lab File: BF126218.D
 Acq: 16 Dec 2021 18:39

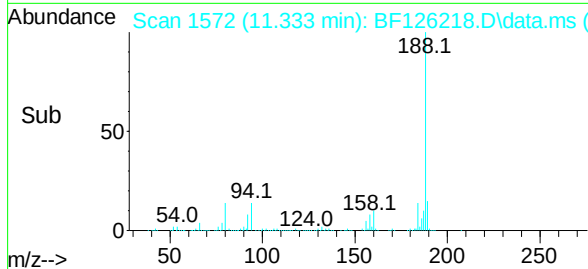
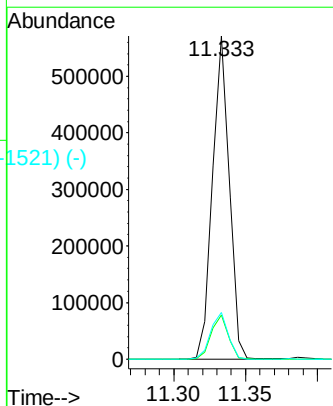
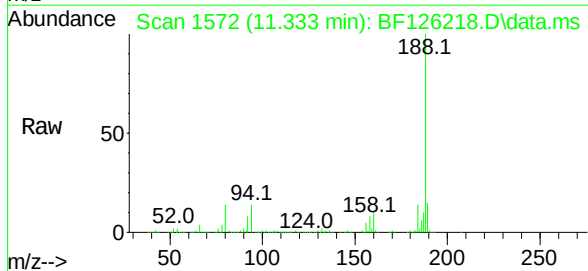
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	165	Resp:	42230
Ion	Ratio	Lower	Upper
165	100		
63	0.6	40.9	61.3#
89	1.4	59.7	89.5#
182	0.0	0.0	0.0



Scan 1572 (11.333 min): BF126198.D\data.ms (-1564) (-)
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.333 min Scan# 1572
 Delta R.T. 0.000 min
 Lab File: BF126218.D
 Acq: 16 Dec 2021 18:39

Tgt Ion:	188	Resp:	460504
Ion	Ratio	Lower	Upper
188	100		
94	13.6	6.7	10.1#
80	14.4	7.5	11.3#



Abundance Scan 1496 (10.886 min): BF126198.D\data.ms (-1450) (-)

4-Bromophenyl-phenylether

Concen: 3.469 ng

RT: 10.633 min Scan# 1453

Delta R.T. -0.253 min

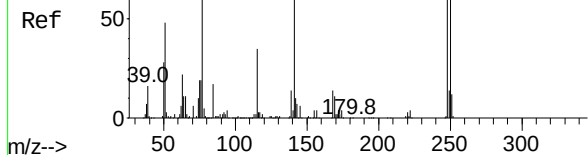
Lab File: BF126218.D

Acq: 16 Dec 2021 18:39

Instrument :

BNA_F

ClientSampleId :



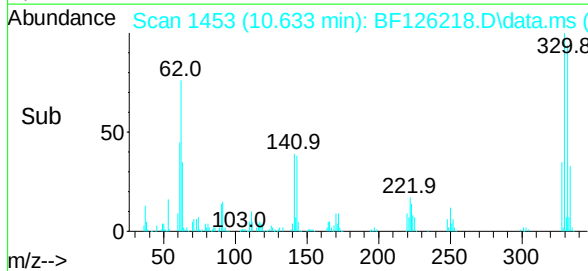
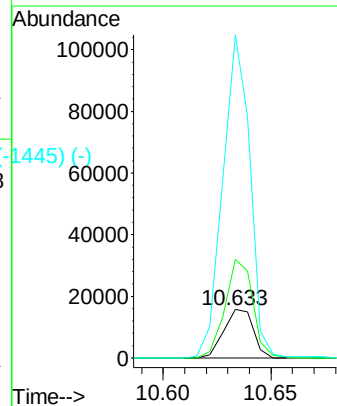
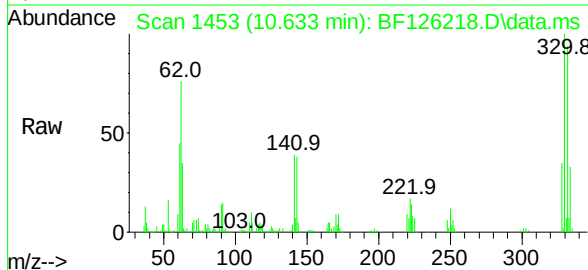
Tgt Ion:248 Resp: 14991

Ion Ratio Lower Upper

248 100

250 203.2 74.2 111.4#

141 668.1 60.4 90.6#



Abundance Scan 2020 (13.968 min): BF126198.D\data.ms (-20176) (-)

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF126218.D

Acq: 16 Dec 2021 18:39

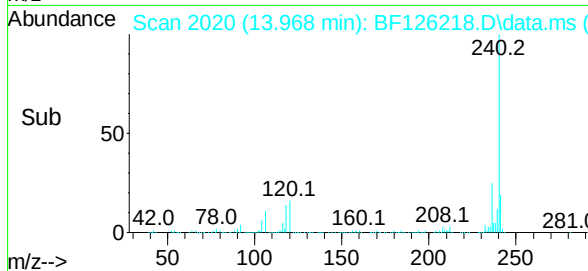
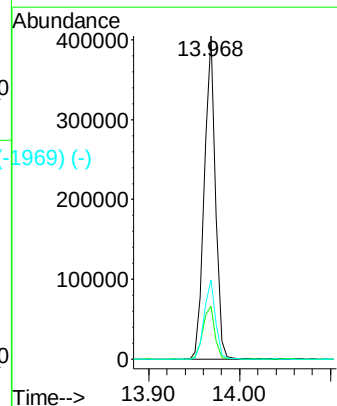
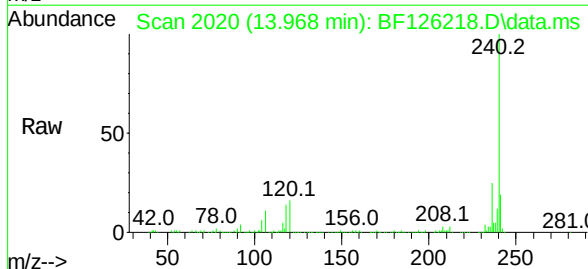
Tgt Ion:240 Resp: 346285

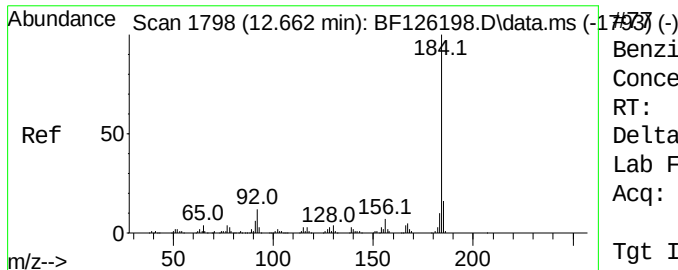
Ion Ratio Lower Upper

240 100

120 16.3 10.8 16.2#

236 24.6 21.6 32.4

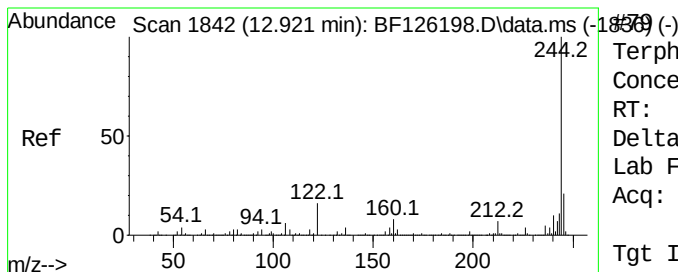
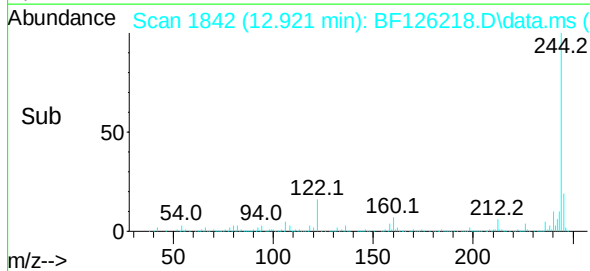
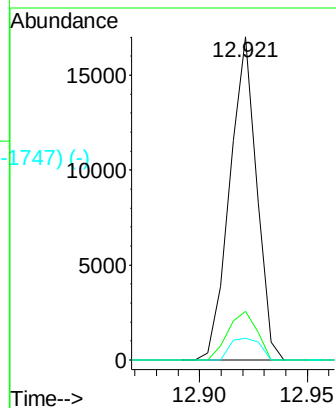
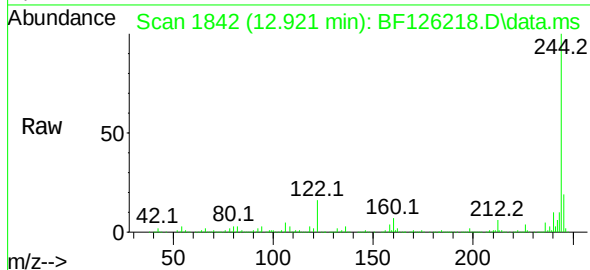




Benzidine
Concen: 2.716 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.259 min
Lab File: BF126218.D
Acq: 16 Dec 2021 18:39

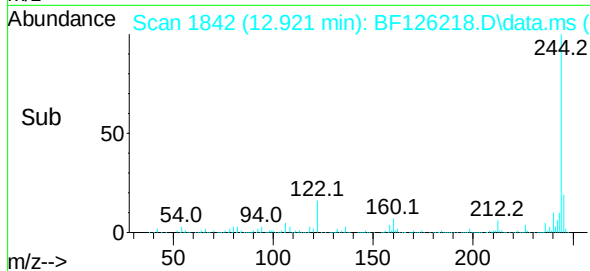
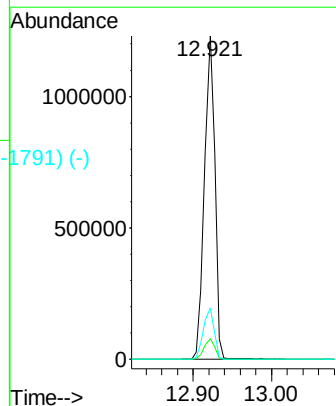
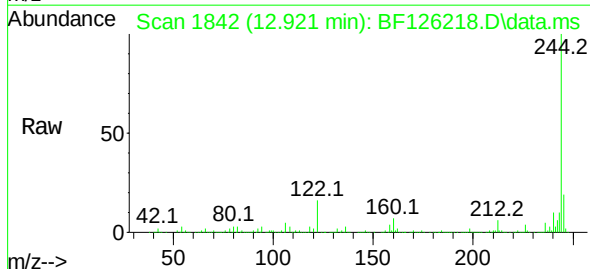
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	184	Resp:	14827
Ion	Ratio	Lower	Upper
184	100		
185	15.0	10.8	16.2
183	6.6	8.1	12.1#

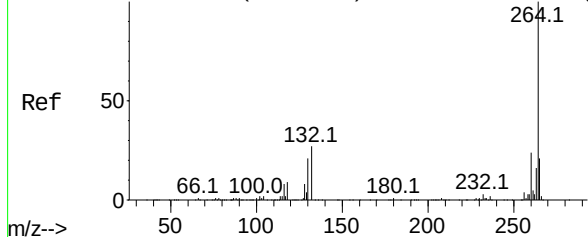


Terphenyl-d14
Concen: 56.572 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF126218.D
Acq: 16 Dec 2021 18:39

Tgt Ion:	244	Resp:	1127093
Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.9	8.9
122	15.8	9.0	13.4#



Abundance Scan 2265 (15.409 min): BF126198.D\data.ms (-2265) (-)



Perylene-d12

Concen: 20.000 ng

RT: 15.409 min Scan# 1

Delta R.T. 0.000 min

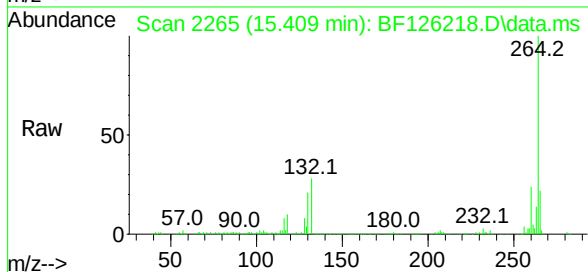
Lab File: BF126218.D

Acq: 16 Dec 2021 18:39

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 268842

Ion Ratio Lower Upper

264 100

260 24.2 19.6 29.4

265 21.6 17.2 25.8

Abundance Scan 2265 (15.409 min): BF126218.D\data.ms (-2214) (-)

