

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
 Data File : BF126221.D
 Acq On : 16 Dec 2021 20:18
 Operator : JU/CG
 Sample : M5022-49RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 17 01:47:48 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)

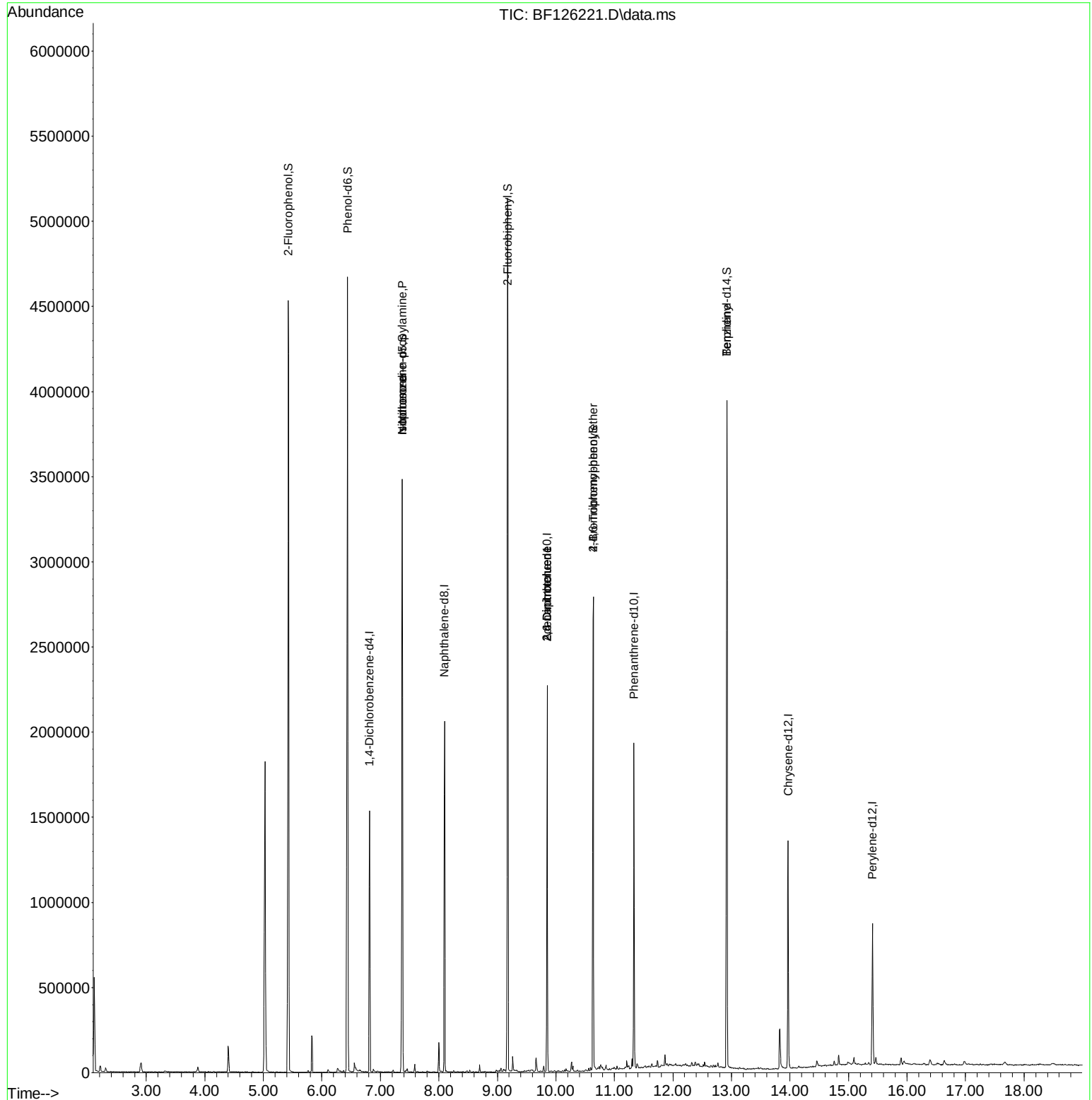
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	201526	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	875685	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	405044	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	597959	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	405732	20.000	ng	# 0.00
86) Perylene-d12	15.409	264	327514	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1512045	110.493	ng	0.00
7) Phenol-d6	6.439	99	1875415	107.932	ng	0.00
23) Nitrobenzene-d5	7.375	82	1213386	75.045	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	342519	105.225	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1646538	71.297	ng	0.00
79) Terphenyl-d14	12.921	244	1326788	56.838	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	153045	14.347	ng	# 55
25) Isophorone	7.375	82	1168989	38.286	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	50809	9.149	ng	# 28
57) 2,4-Dinitrotoluene	9.851	165	50809	7.172	ng	# 20
67) 4-Bromophenyl-phenylether	10.639	248	18252	3.252	ng	# 1
77) Benzidine	12.921	184	17437	2.726	ng	# 96

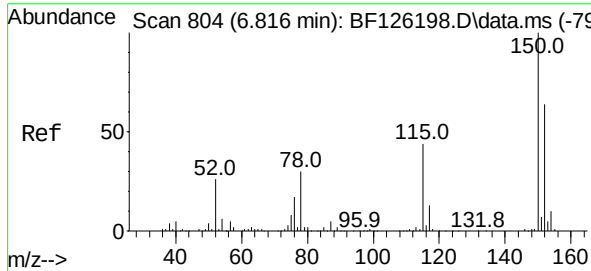
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :

Quant Time: Dec 17 01:47:48 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

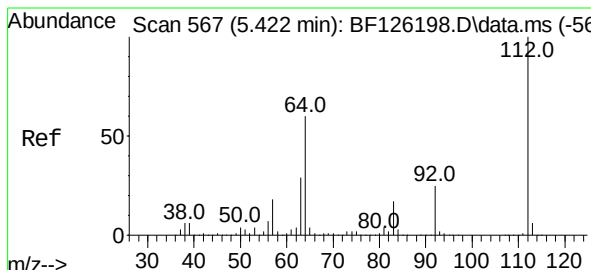
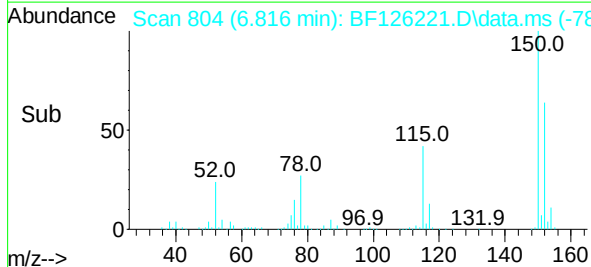
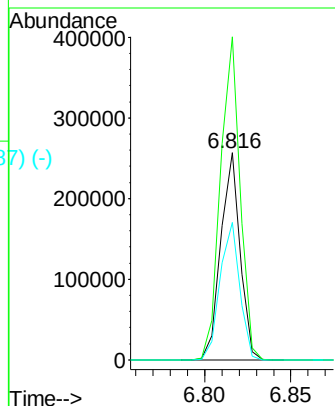
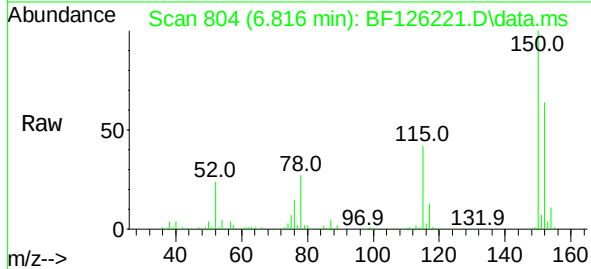




Scan 804 (6.816 min): BF126198.D\data.ms (-799) #1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 804
 Delta R.T. -0.000 min
 Lab File: BF126221.D
 Acq: 16 Dec 2021 20:18

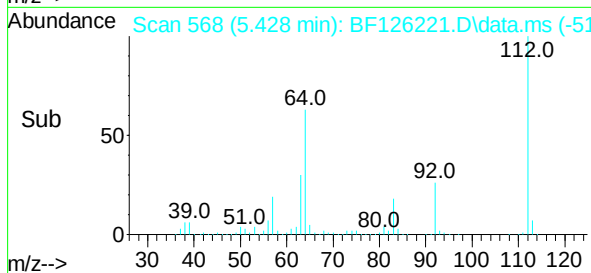
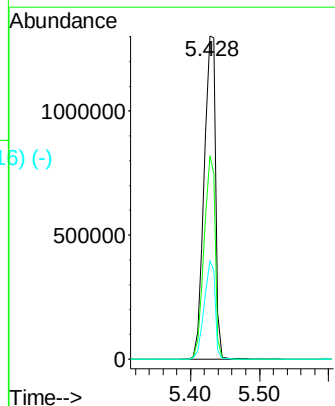
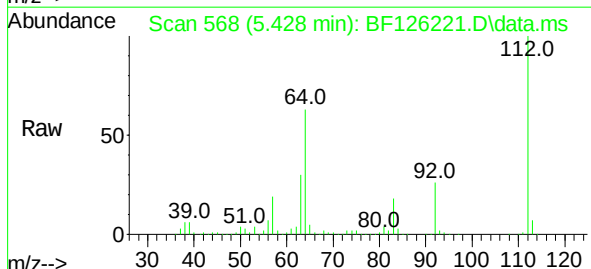
Instrument :
 BNA_F
 ClientSampleId :

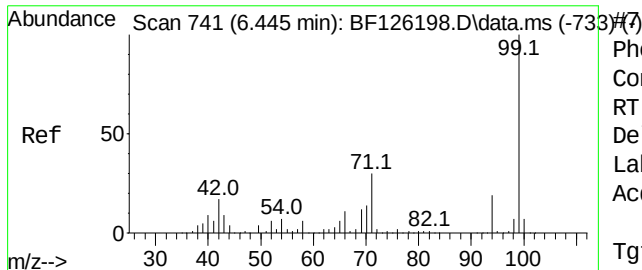
Tgt Ion:	152	Resp:	201526
Ion	Ratio	Lower	Upper
152	100		
150	155.7	117.6	176.4
115	66.1	47.1	70.7



Scan 567 (5.422 min): BF126198.D\data.ms (-560) #5
 2-Fluorophenol
 Concen: 110.493 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.006 min
 Lab File: BF126221.D
 Acq: 16 Dec 2021 20:18

Tgt Ion:	112	Resp:	1512045
Ion	Ratio	Lower	Upper
112	100		
64	63.0	44.2	66.2
63	30.5	26.2	39.2

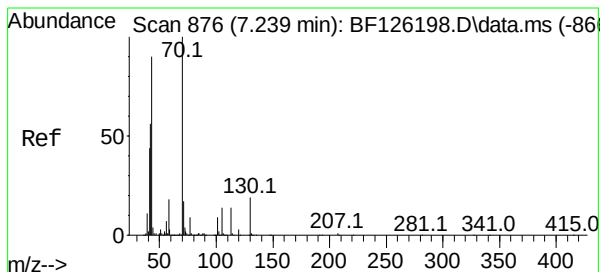
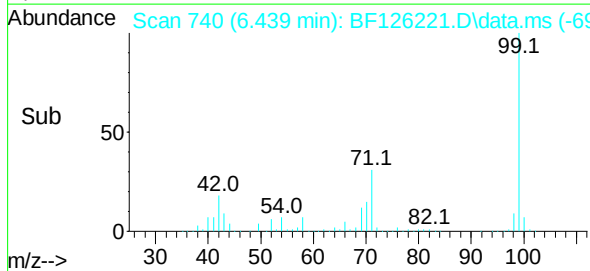
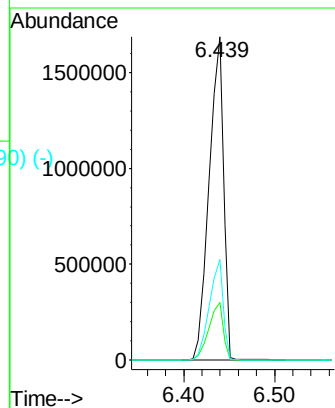
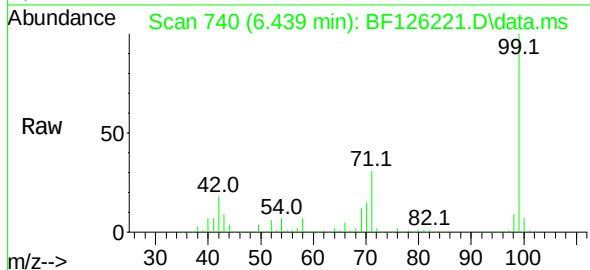




Phenol-d6
 Concen: 107.932 ng
 RT: 6.439 min Scan#
 Delta R.T. -0.006 min
 Lab File: BF126221.D
 Acq: 16 Dec 2021 20:18

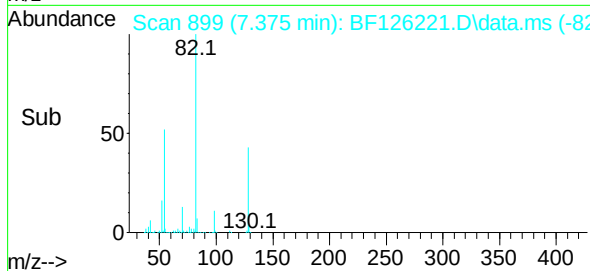
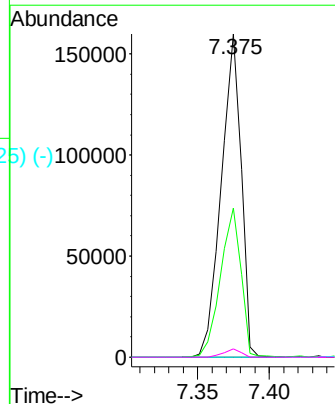
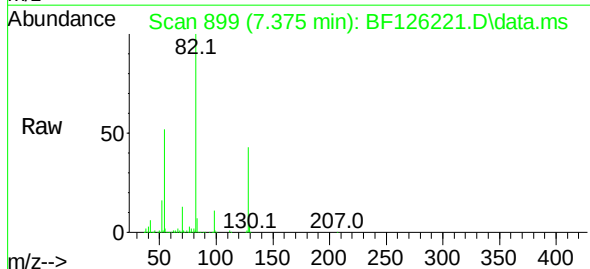
Instrument :
 BNA_F
 ClientSampleId :

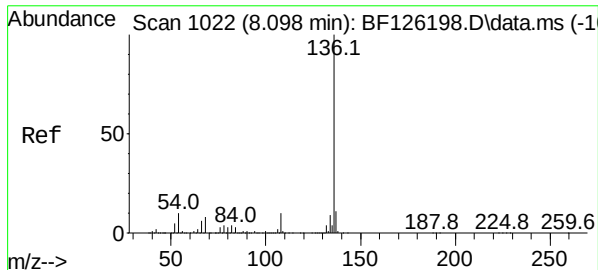
Tgt Ion: 99 Resp: 1875415
 Ion Ratio Lower Upper
 99 100
 42 17.7 23.5 35.3#
 71 31.1 25.6 38.4



n-Nitroso-di-n-propylamine
 Concen: 14.347 ng
 RT: 7.375 min Scan# 899
 Delta R.T. 0.135 min
 Lab File: BF126221.D
 Acq: 16 Dec 2021 20:18

Tgt Ion: 70 Resp: 153045
 Ion Ratio Lower Upper
 70 100
 42 46.1 72.2 108.2#
 101 0.0 7.8 11.8#
 130 2.5 21.8 32.6#

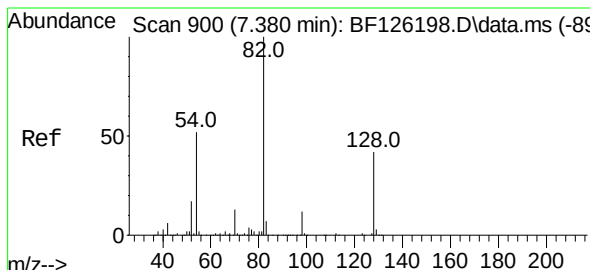
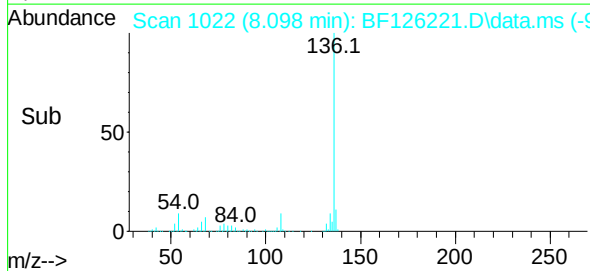
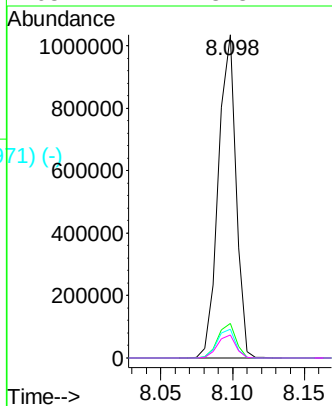
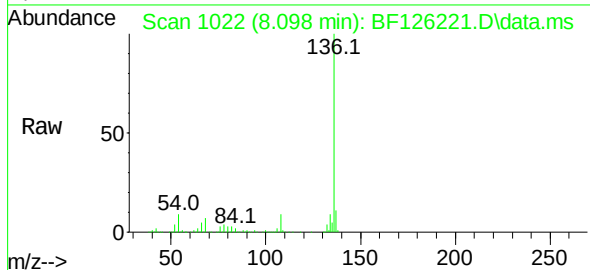




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126221.D
Acq: 16 Dec 2021 20:18

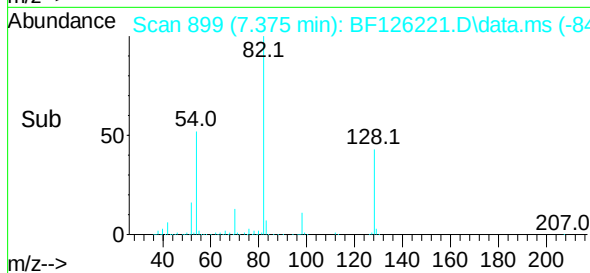
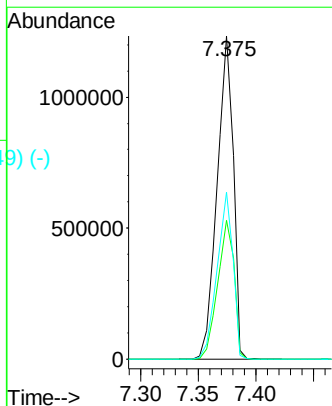
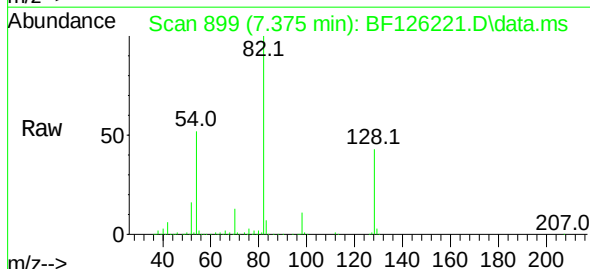
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	136	Resp:	875685
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.6
54	8.8	6.4	9.6
68	7.1	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 75.045 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126221.D
Acq: 16 Dec 2021 20:18

Tgt Ion:	82	Resp:	1213386
Ion	Ratio	Lower	Upper
82	100		
128	43.0	40.6	60.8
54	51.7	49.6	74.4



Abundance Scan 945 (7.645 min): BF126198.D\data.ms (-935) #25

Isophorone

Concen: 38.286 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.271 min

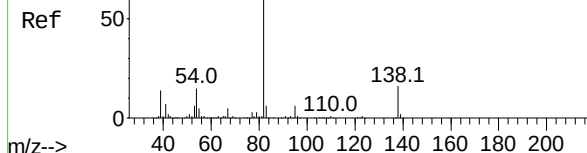
Lab File: BF126221.D

Acq: 16 Dec 2021 20:18

Instrument :

BNA_F

ClientSampleId :



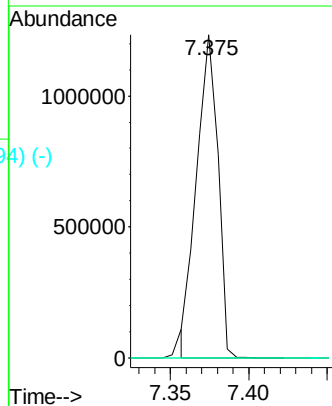
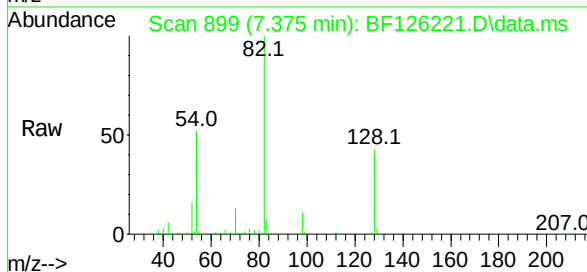
Tgt Ion: 82 Resp: 1168989

Ion Ratio Lower Upper

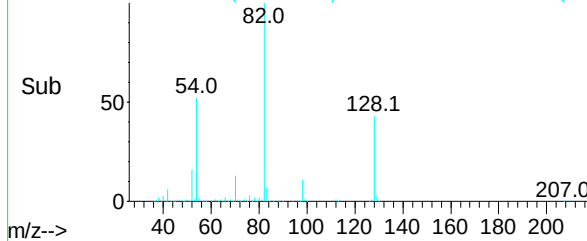
82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#



Abundance Scan 899 (7.375 min): BF126221.D\data.ms (-894) (-)



Abundance Scan 1321 (9.857 min): BF126198.D\data.ms (-1315) #39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF126221.D

Acq: 16 Dec 2021 20:18

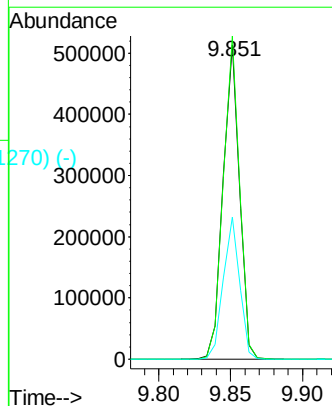
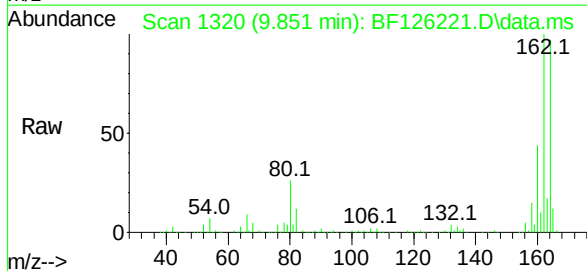
Tgt Ion: 164 Resp: 405044

Ion Ratio Lower Upper

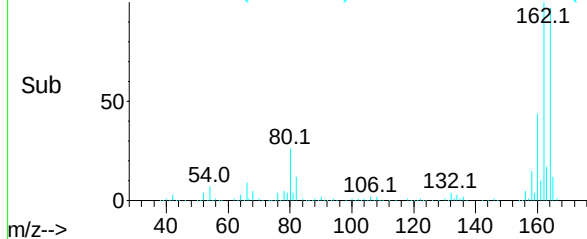
164 100

162 102.9 81.3 121.9

160 45.1 38.0 57.0



Abundance Scan 1320 (9.851 min): BF126221.D\data.ms (-1270) (-)



Abundance Scan 1454 (10.639 min): BF126198.D\data.ms (-1403) (-)

2,4,6-Tribromophenol

Concen: 105.225 ng

RT: 10.639 min Scan# 1403

Delta R.T. 0.000 min

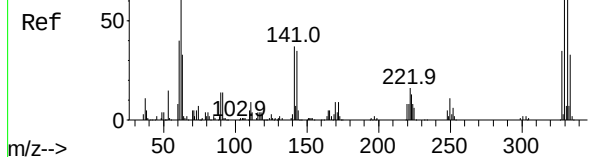
Lab File: BF126221.D

Acq: 16 Dec 2021 20:18

Instrument :

BNA_F

ClientSampleId :



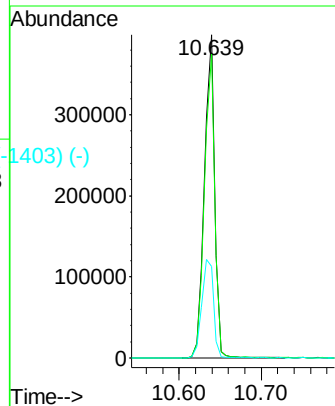
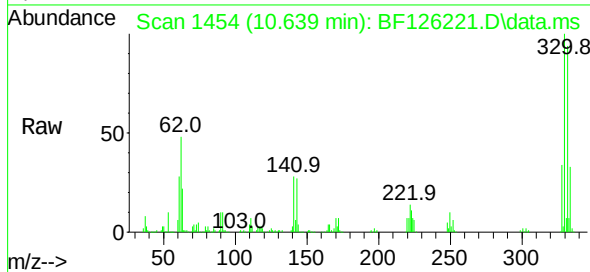
Tgt Ion:330 Resp: 342519

Ion Ratio Lower Upper

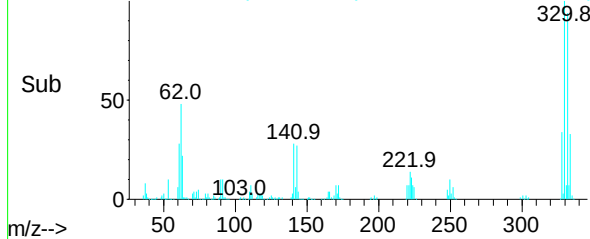
330 100

332 94.9 76.2 114.4

141 34.8 44.6 66.8#



Abundance Scan 1454 (10.639 min): BF126221.D\data.ms (-1403) (-)



Abundance Scan 1206 (9.180 min): BF126198.D\data.ms (-1155) (-)

2-Fluorobiphenyl

Concen: 71.297 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF126221.D

Acq: 16 Dec 2021 20:18

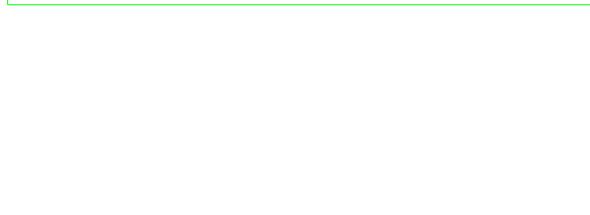
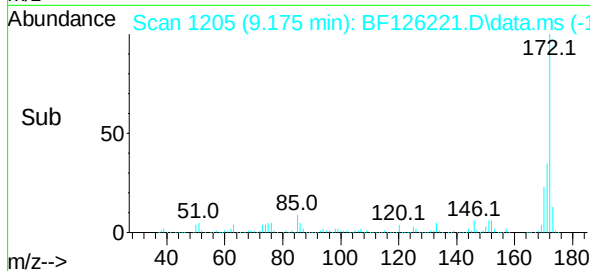
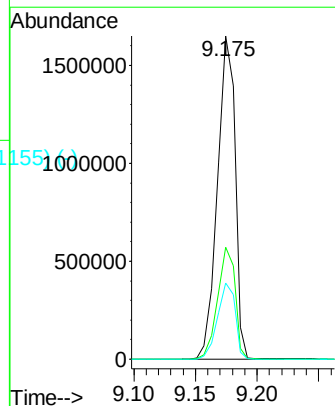
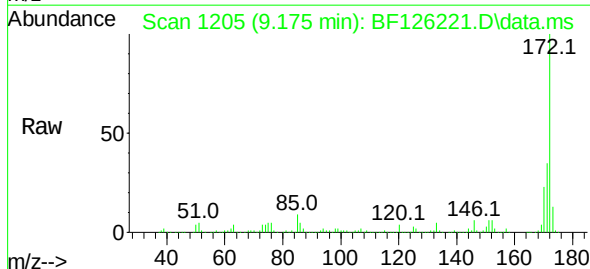
Tgt Ion:172 Resp: 1646538

Ion Ratio Lower Upper

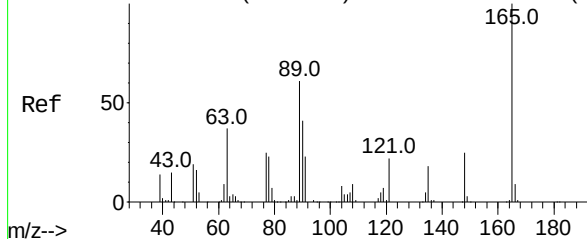
172 100

171 34.7 26.5 39.7

170 23.5 18.8 28.2



Abundance Scan 1284 (9.639 min): BF126198.D\data.ms (-12751)



2,6-Dinitrotoluene

Concen: 9.149 ng

RT: 9.851 min Scan# 1320

Delta R.T. 0.212 min

Lab File: BF126221.D

Acq: 16 Dec 2021 20:18

Instrument :

BNA_F

ClientSampleId :

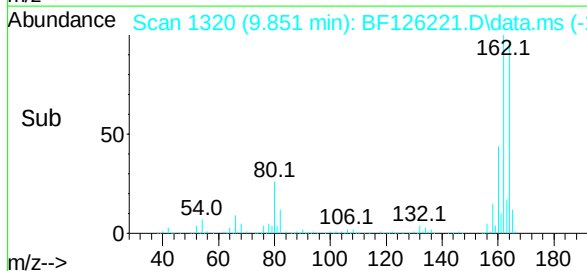
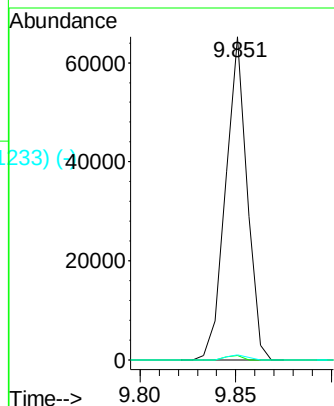
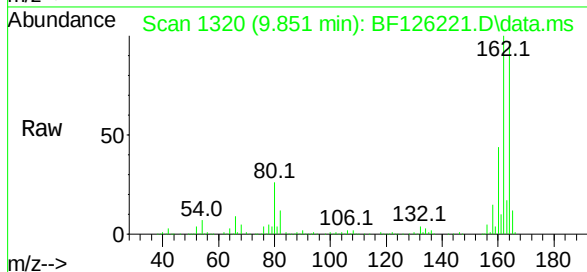
Tgt Ion:165 Resp: 50809

Ion Ratio Lower Upper

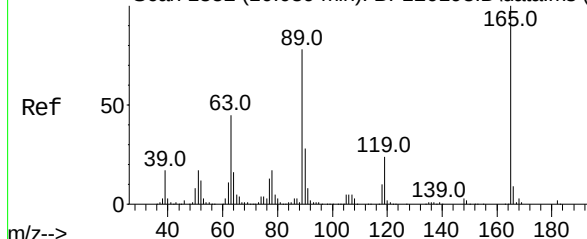
165 100

63 1.5 42.6 63.8#

89 1.5 40.6 60.8#



Abundance Scan 1352 (10.039 min): BF126198.D\data.ms (-1345)



2,4-Dinitrotoluene

Concen: 7.172 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.188 min

Lab File: BF126221.D

Acq: 16 Dec 2021 20:18

Tgt Ion:165 Resp: 50809

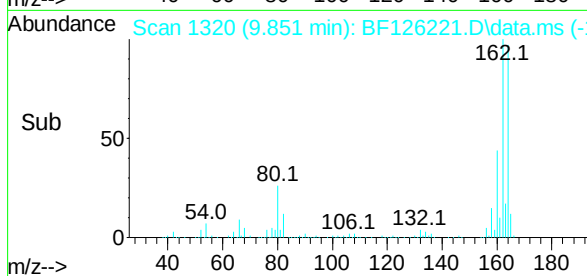
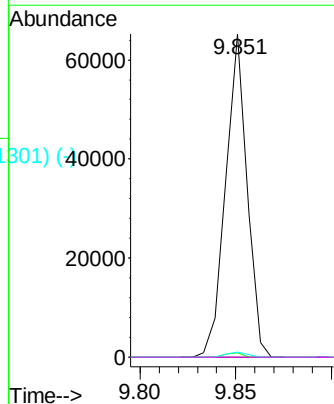
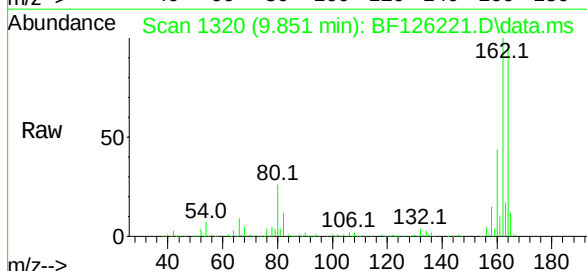
Ion Ratio Lower Upper

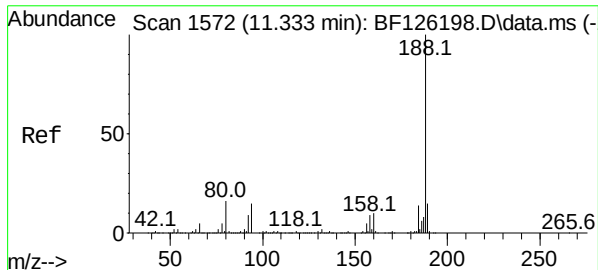
165 100

63 1.5 40.9 61.3#

89 1.5 59.7 89.5#

182 0.0 0.0 0.0

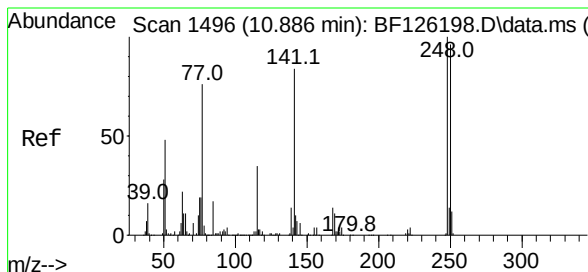
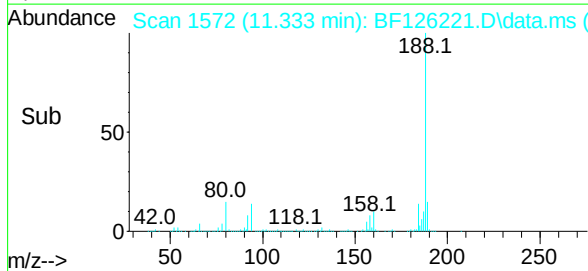
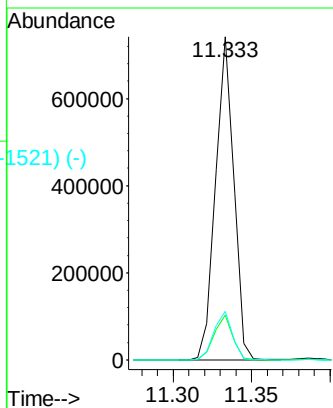
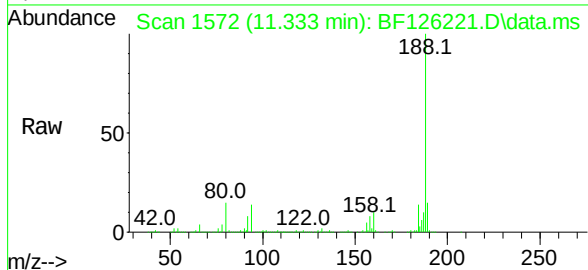




Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.333 min Scan# 1564
 Delta R.T. 0.000 min
 Lab File: BF126221.D
 Acq: 16 Dec 2021 20:18

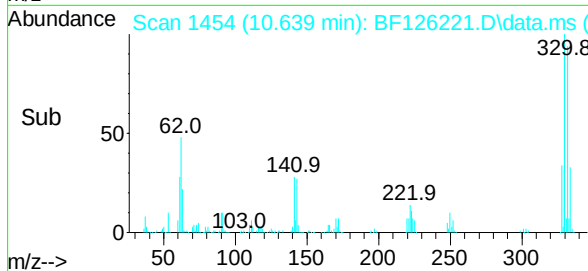
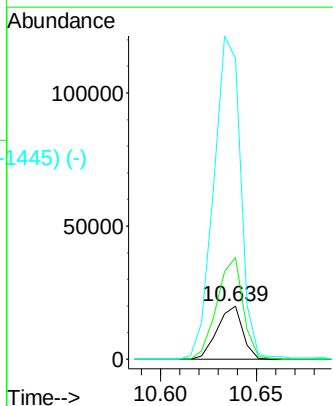
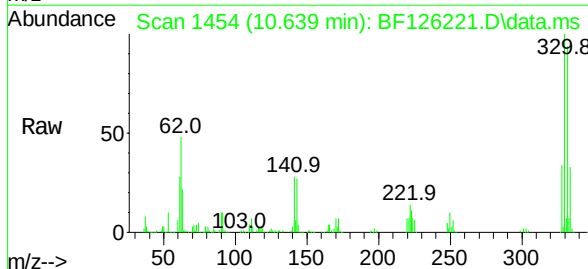
Instrument :
 BNA_F
 ClientSampleId :

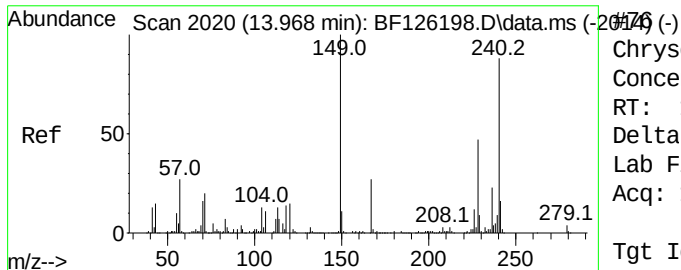
Tgt Ion:	188	Resp:	597959
Ion Ratio	Lower	Upper	
188	100		
94	13.9	6.7	10.1#
80	15.1	7.5	11.3#



4-Bromophenyl-phenylether
 Concen: 3.252 ng
 RT: 10.639 min Scan# 1454
 Delta R.T. -0.247 min
 Lab File: BF126221.D
 Acq: 16 Dec 2021 20:18

Tgt Ion:	248	Resp:	18252
Ion Ratio	Lower	Upper	
248	100		
250	191.9	74.2	111.4#
141	566.3	60.4	90.6#





Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126221.D

Acq: 16 Dec 2021 20:18

Instrument :

BNA_F

ClientSampleId :

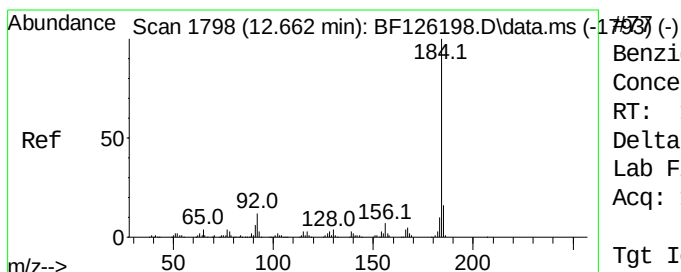
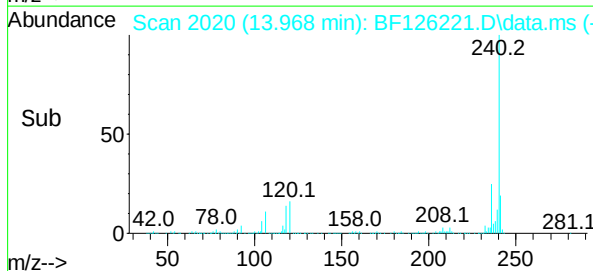
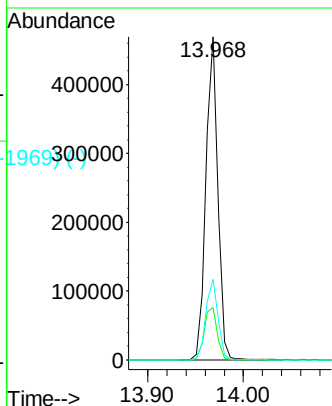
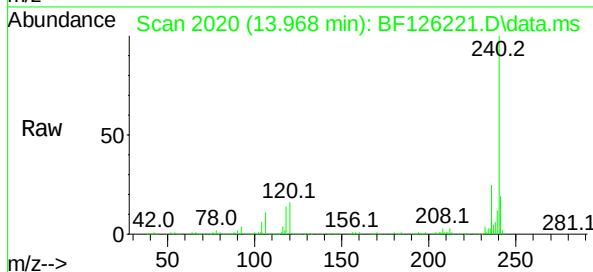
Tgt Ion:240 Resp: 405732

Ion Ratio Lower Upper

240 100

120 16.2 10.8 16.2#

236 25.0 21.6 32.4



Benzidine

Concen: 2.726 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.259 min

Lab File: BF126221.D

Acq: 16 Dec 2021 20:18

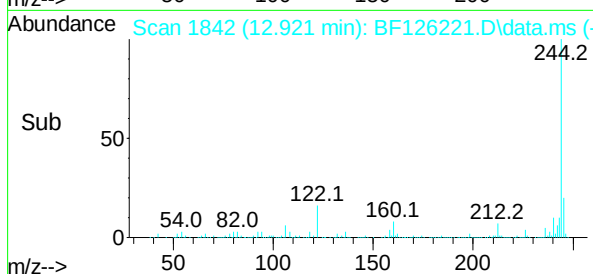
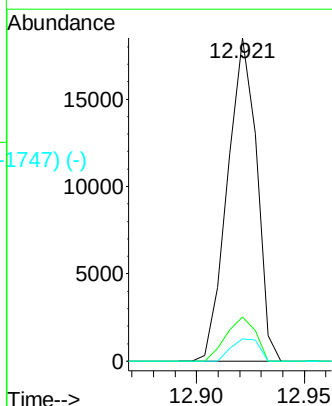
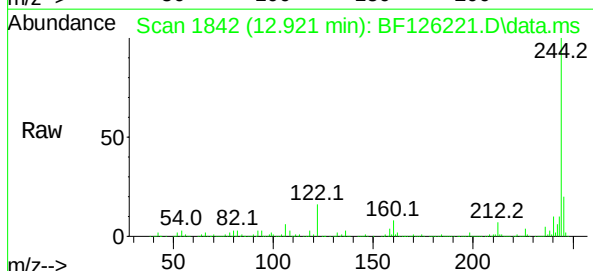
Tgt Ion:184 Resp: 17437

Ion Ratio Lower Upper

184 100

185 13.7 10.8 16.2

183 6.9 8.1 12.1#



Abundance Scan 1842 (12.921 min): BF126198.D\data.ms (-1879) (-)

Terphenyl-d14

Concen: 56.838 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.000 min

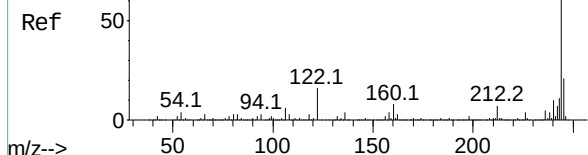
Lab File: BF126221.D

Acq: 16 Dec 2021 20:18

Instrument :

BNA_F

ClientSampleId :



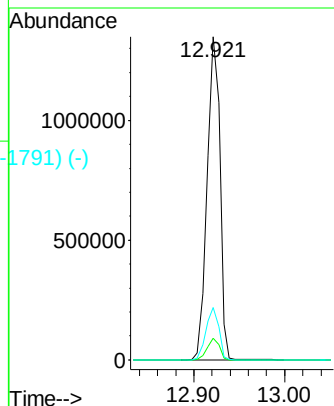
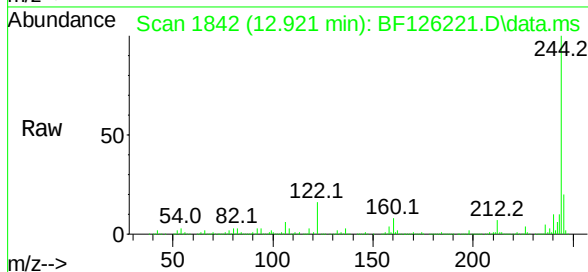
Tgt Ion:244 Resp: 1326788

Ion Ratio Lower Upper

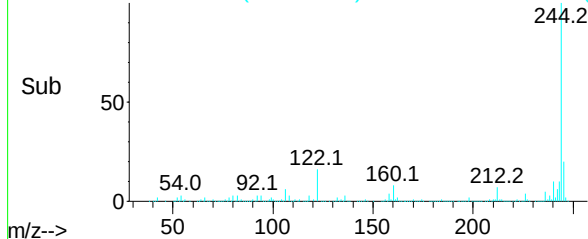
244 100

212 6.6 5.9 8.9

122 16.2 9.0 13.4#



Abundance Scan 1842 (12.921 min): BF126221.D\data.ms (-1791) (-)



Abundance Scan 2265 (15.409 min): BF126198.D\data.ms (-2286) (-)

Perylene-d12

Concen: 20.000 ng

RT: 15.409 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF126221.D

Acq: 16 Dec 2021 20:18

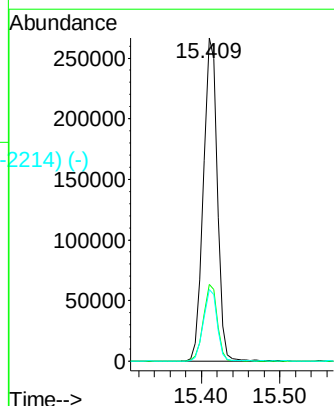
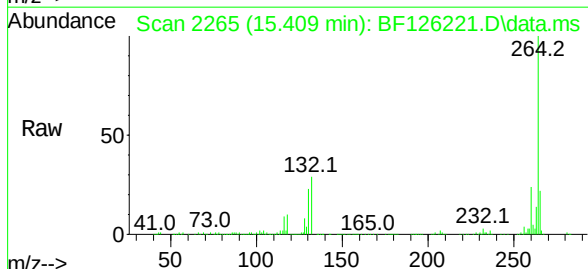
Tgt Ion:264 Resp: 327514

Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

265 22.2 17.2 25.8



Abundance Scan 2265 (15.409 min): BF126221.D\data.ms (-2214) (-)

