

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126410.D
 Acq On : 30 Dec 2021 9:53
 Operator : JU/CG
 Sample : PB141738BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 30 13:24:09 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 04:30:49 2021
 Response via : Initial Calibration

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

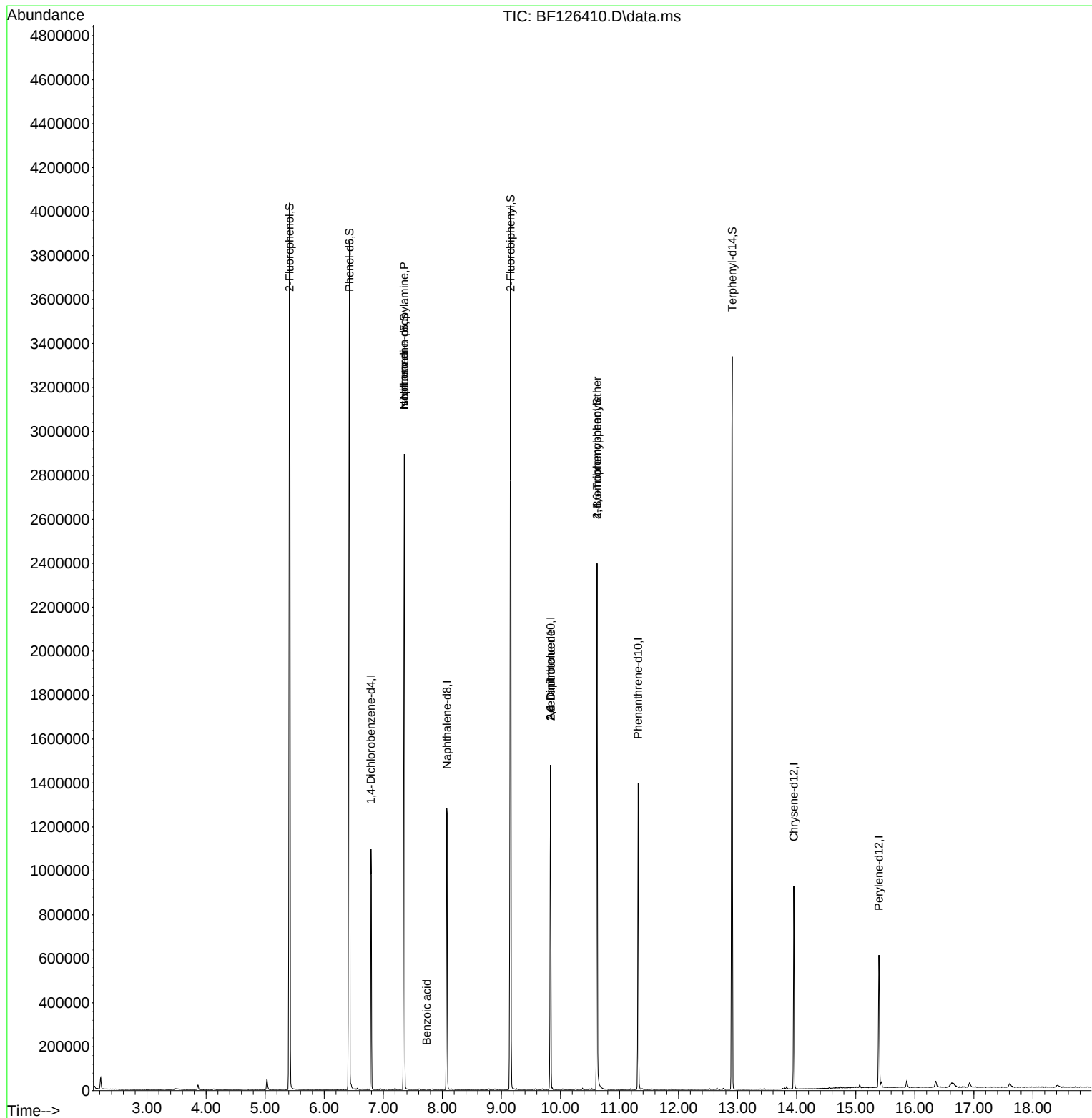
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	151137	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	651347	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	292447	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	462592	20.000	ng	0.00
76) Chrysene-d12	13.951	240	286727	20.000	ng	0.00
86) Perylene-d12	15.392	264	245326	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1311159	124.583	ng	0.01
7) Phenol-d6	6.428	99	1639337	120.262	ng	0.00
23) Nitrobenzene-d5	7.357	82	1132057	89.241	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	285952	126.535	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1369470	82.404	ng	0.00
79) Terphenyl-d14	12.910	244	1178192	79.837	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	146401	18.821	ng	# 82
25) Isophorone	7.357	82	1122035	49.410	ng	# 69
32) Benzoic acid	7.733	122	510	7.144	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	36376	9.226	ng	# 21
57) 2,4-Dinitrotoluene	9.833	165	36376	7.151	ng	# 15
67) 4-Bromophenyl-phenylether	10.621	248	15049	3.665	ng	# 1
77) Benzidine	12.910	184	15773	Below Cal		96

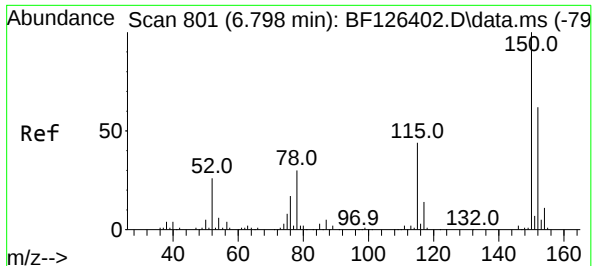
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126410.D
Acq On : 30 Dec 2021 9:53
Operator : JU/CG
Sample : PB141738BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

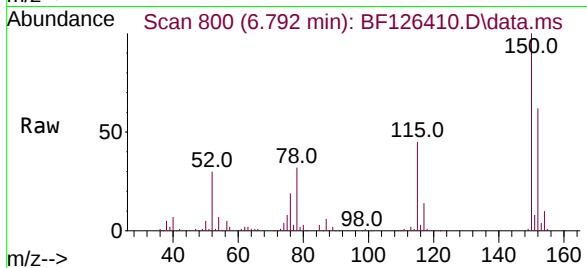
Quant Time: Dec 30 13:24:09 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 04:30:49 2021
Response via : Initial Calibration



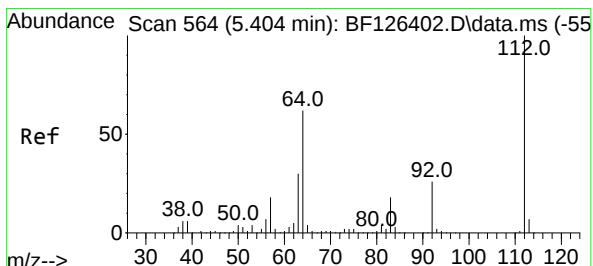
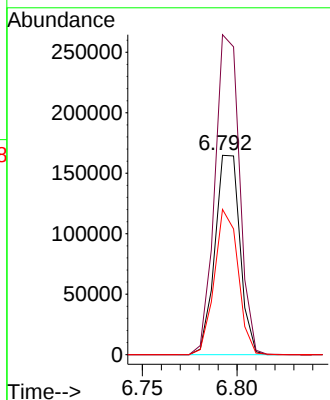
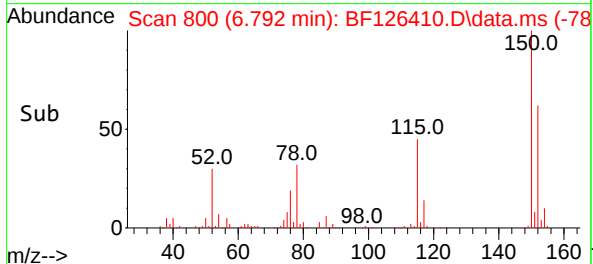


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF126410.D
Acq: 30 Dec 2021 9:53

Instrument :
BNA_F
ClientSampleId :

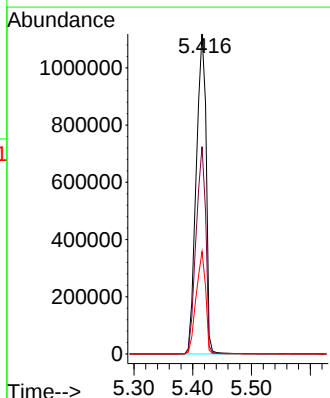
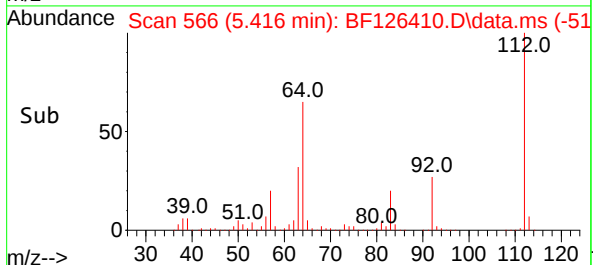
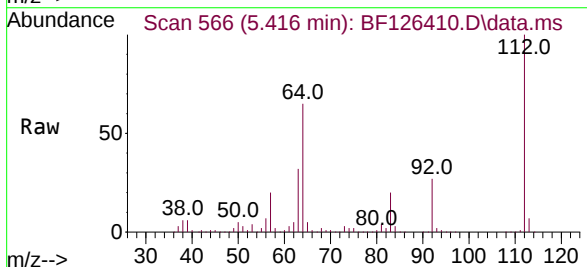


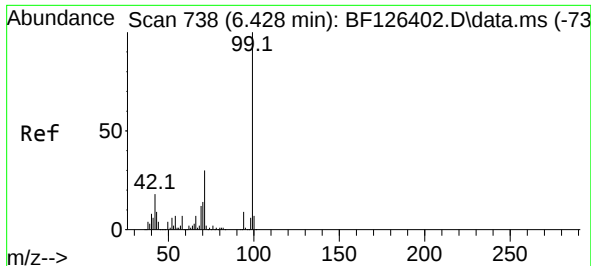
Tgt Ion:152 Resp: 151137
Ion Ratio Lower Upper
152 100
150 160.5 128.1 192.1
115 72.9 56.7 85.1



#5
2-Fluorophenol
Concen: 124.583 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF126410.D
Acq: 30 Dec 2021 9:53

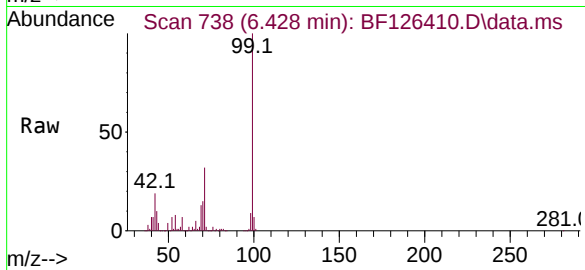
Tgt Ion:112 Resp: 1311159
Ion Ratio Lower Upper
112 100
64 64.8 49.5 74.3
63 32.0 23.9 35.9





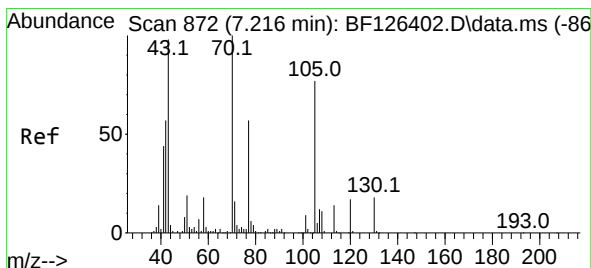
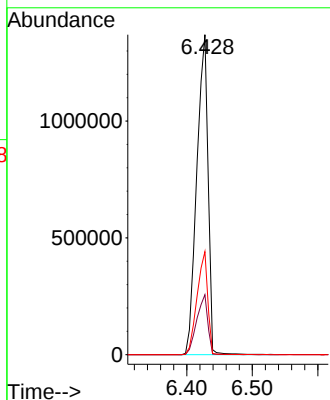
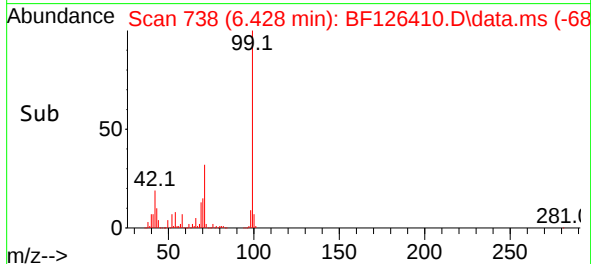
#7
Phenol-d6
Concen: 120.262 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126410.D
Acq: 30 Dec 2021 9:53

Instrument :
BNA_F
ClientSampleId :

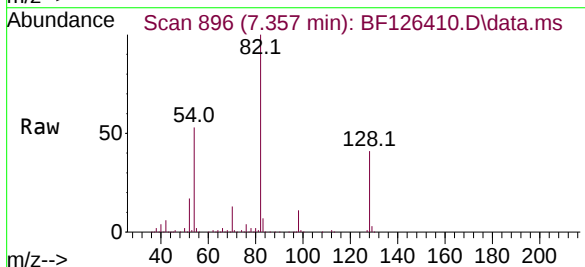


Tgt Ion: 99 Resp: 1639337

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.2	21.4
71	32.2	24.3	36.5

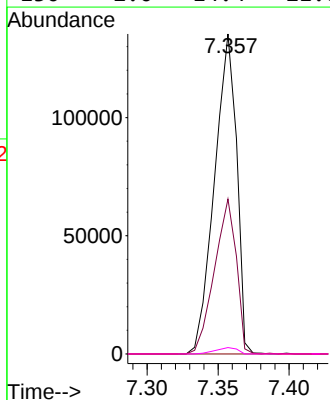
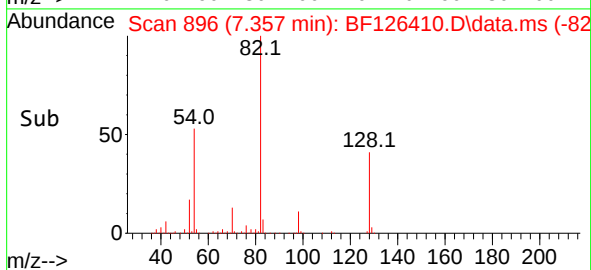


#19
n-Nitroso-di-n-propylamine
Concen: 18.821 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF126410.D
Acq: 30 Dec 2021 9:53



Tgt Ion: 70 Resp: 146401

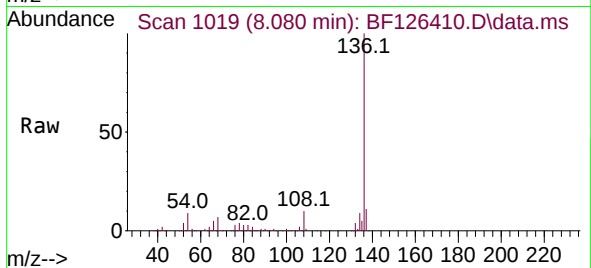
Ion	Ratio	Lower	Upper
70	100		
42	48.4	45.8	68.8
101	0.0	6.9	10.3#
130	2.0	14.4	21.6#



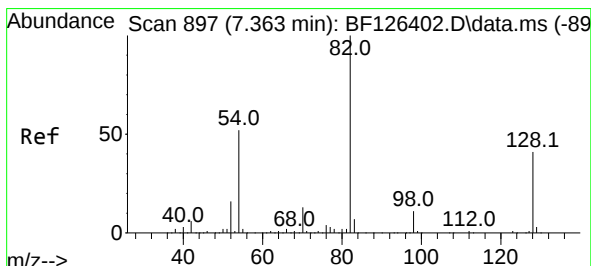
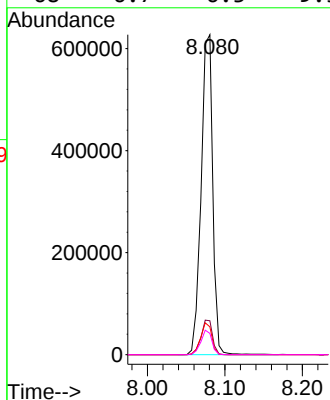
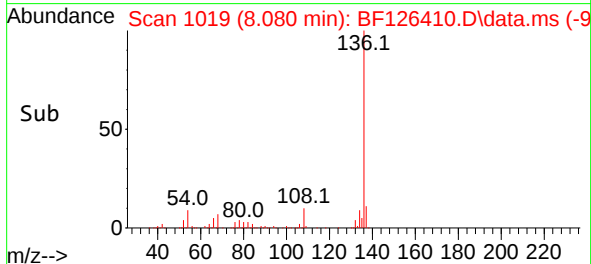


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF126410.D
Acq: 30 Dec 2021 9:53

Instrument :
BNA_F
ClientSampleId :

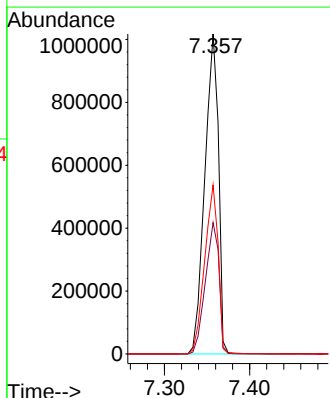
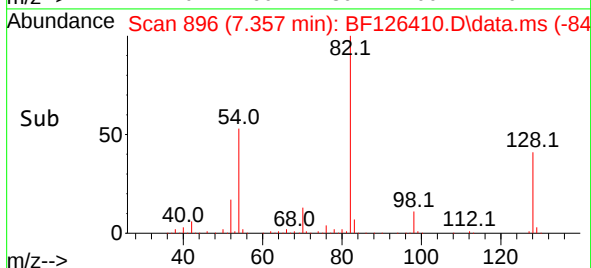
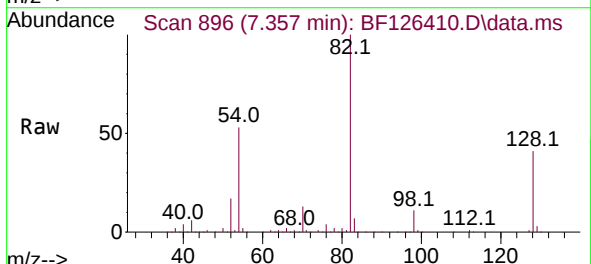


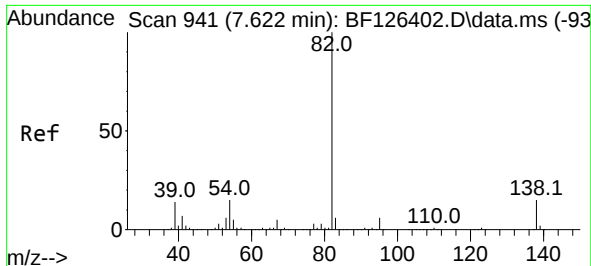
Tgt Ion:	136	Resp:	651347
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.7	7.8	11.6
68	6.7	6.3	9.5



#23
Nitrobenzene-d5
Concen: 89.241 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF126410.D
Acq: 30 Dec 2021 9:53

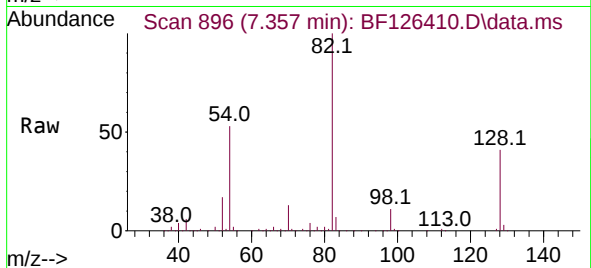
Tgt Ion:	82	Resp:	1132057
Ion	Ratio	Lower	Upper
82	100		
128	41.0	32.7	49.1
54	52.8	41.7	62.5



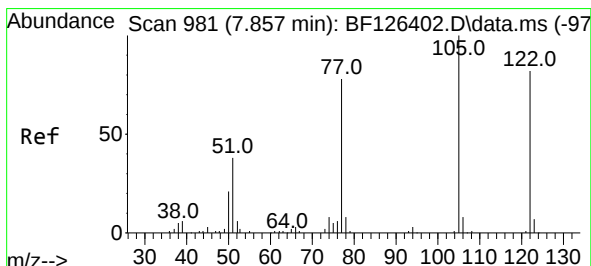
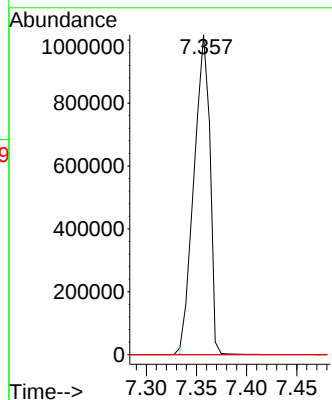
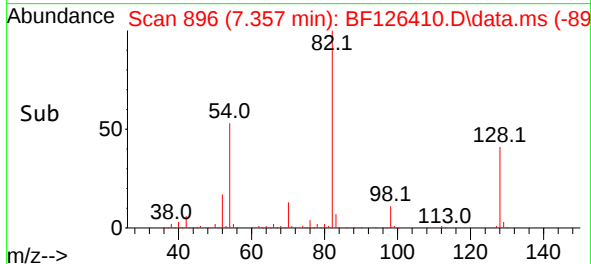


#25
Isophorone
Concen: 49.410 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF126410.D
Acq: 30 Dec 2021 9:53

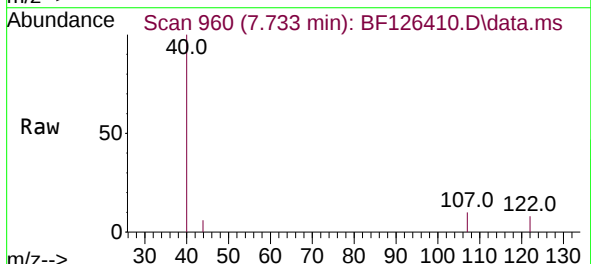
Instrument :
BNA_F
ClientSampleId :



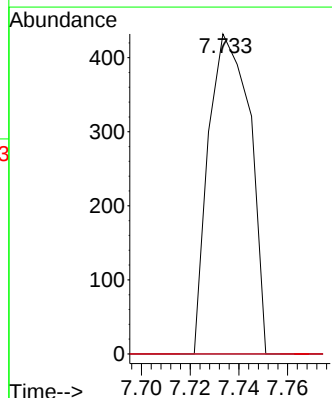
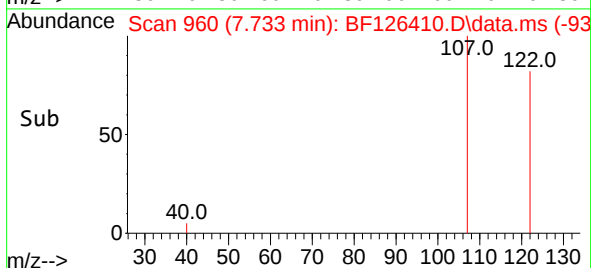
Tgt Ion: 82 Resp: 1122035
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

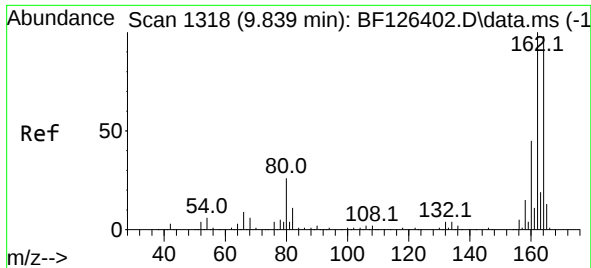


#32
Benzoic acid
Concen: 7.144 ng
RT: 7.733 min Scan# 960
Delta R.T. -0.124 min
Lab File: BF126410.D
Acq: 30 Dec 2021 9:53



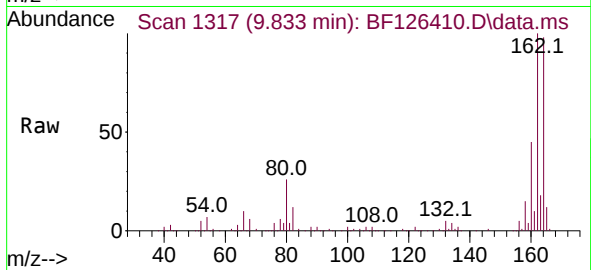
Tgt Ion: 122 Resp: 510
Ion Ratio Lower Upper
122 100
105 0.0 101.0 141.0#
77 0.0 74.5 114.5#



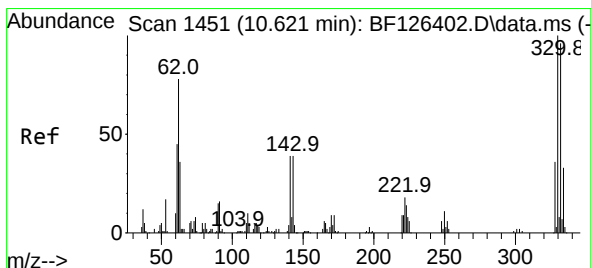
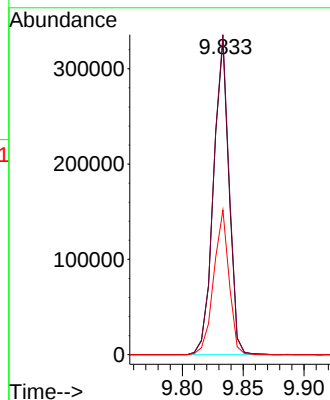
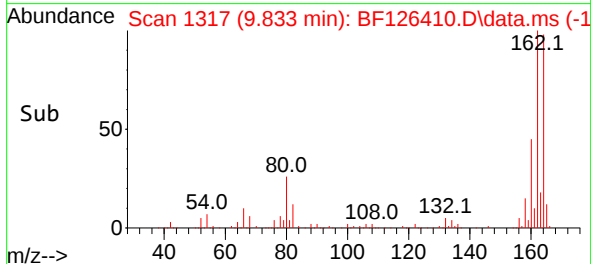


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126410.D
Acq: 30 Dec 2021 9:53

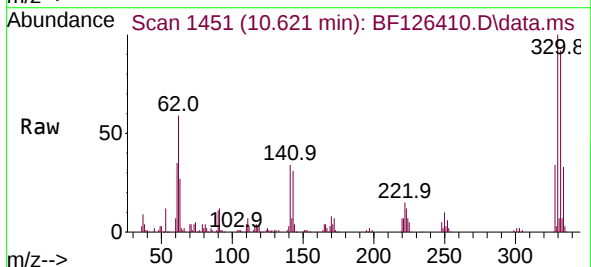
Instrument :
BNA_F
ClientSampleId :



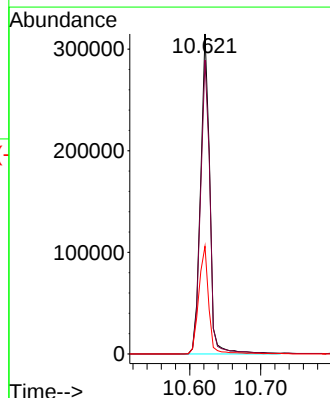
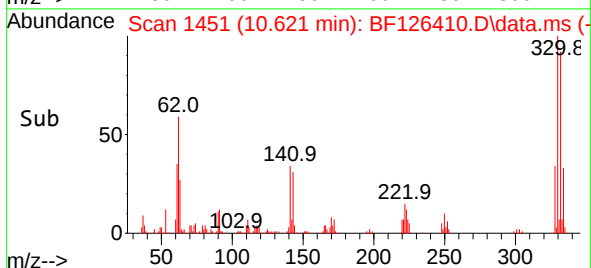
Tgt Ion:164 Resp: 292447
Ion Ratio Lower Upper
164 100
162 101.8 81.4 122.0
160 46.0 36.6 54.8

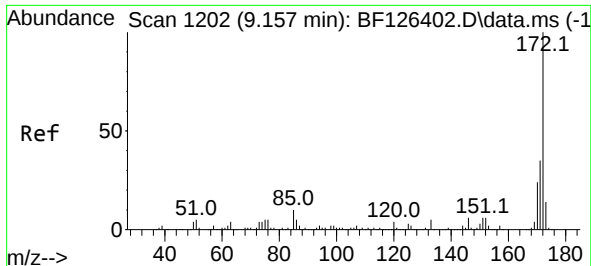


#42
2,4,6-Tribromophenol
Concen: 126.535 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF126410.D
Acq: 30 Dec 2021 9:53



Tgt Ion:330 Resp: 285952
Ion Ratio Lower Upper
330 100
332 93.9 76.0 114.0
141 36.3 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 82.404 ng

RT: 9.157 min Scan# 1317

Delta R.T. -0.000 min

Lab File: BF126410.D

Acq: 30 Dec 2021 9:53

Instrument :

BNA_F

ClientSampleId :

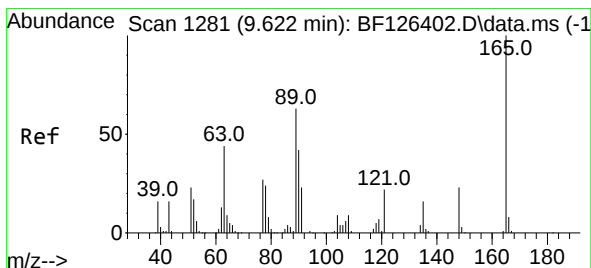
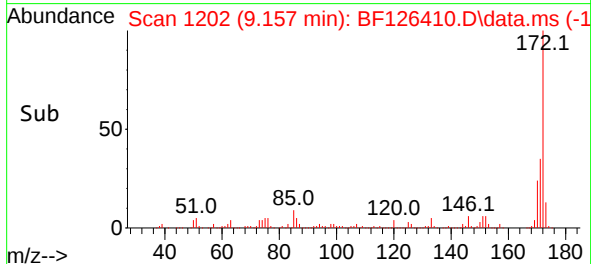
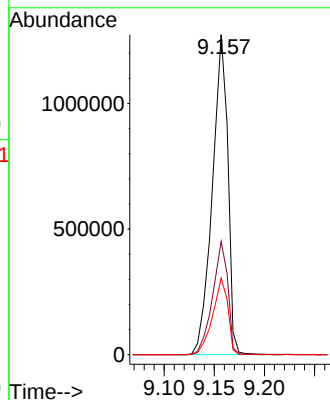
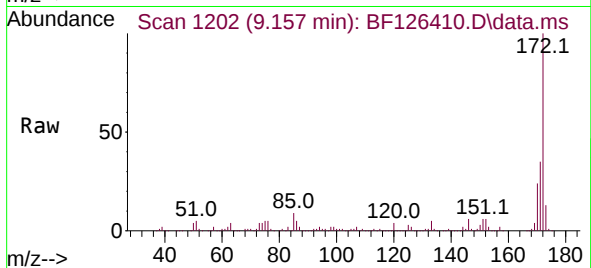
Tgt Ion:172 Resp: 1369470

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.9 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 9.226 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.212 min

Lab File: BF126410.D

Acq: 30 Dec 2021 9:53

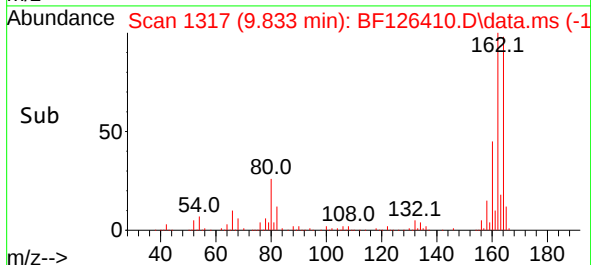
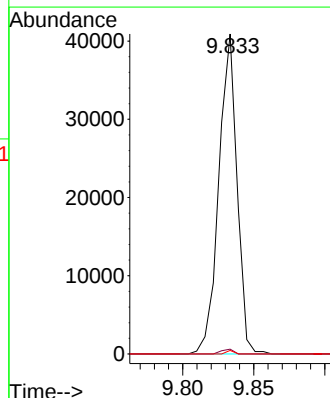
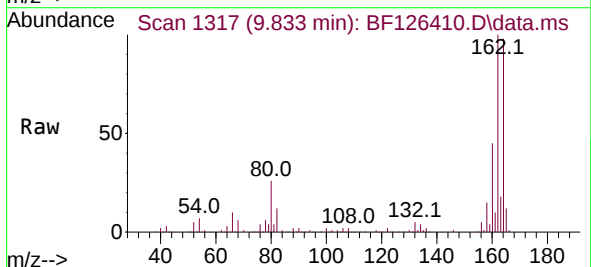
Tgt Ion:165 Resp: 36376

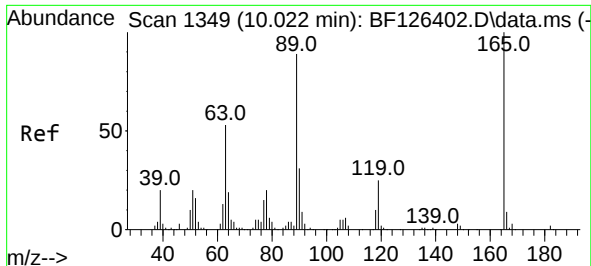
Ion Ratio Lower Upper

165 100

63 1.5 48.4 72.6#

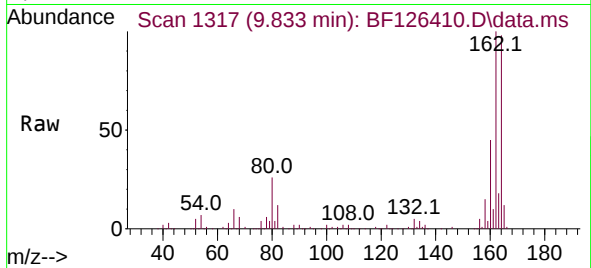
89 1.1 50.5 75.7#



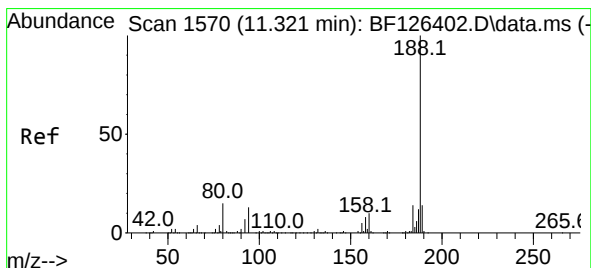
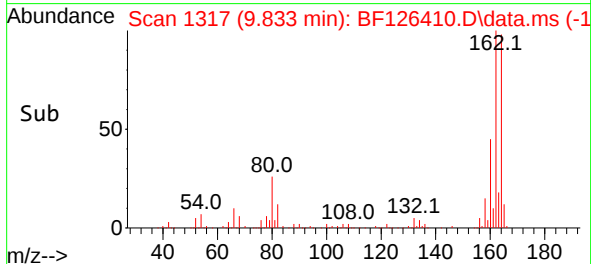
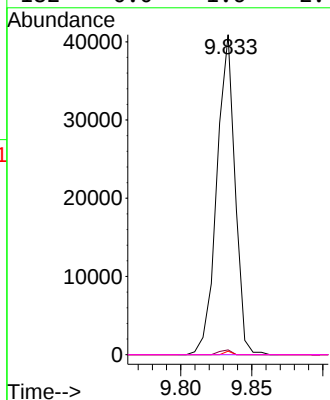


#57
2,4-Dinitrotoluene
Concen: 7.151 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126410.D
Acq: 30 Dec 2021 9:53

Instrument :
BNA_F
ClientSampleId :

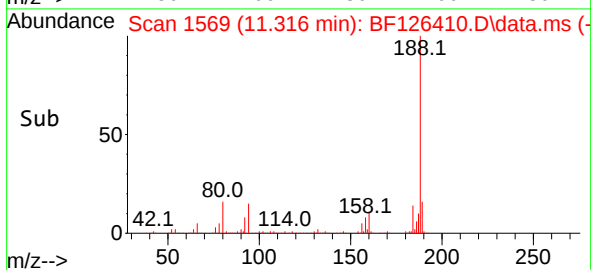
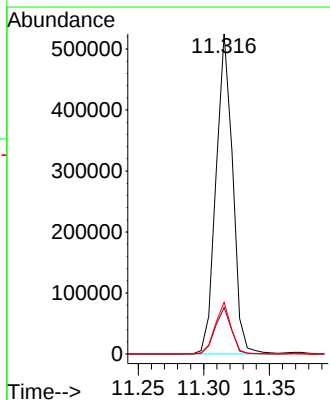
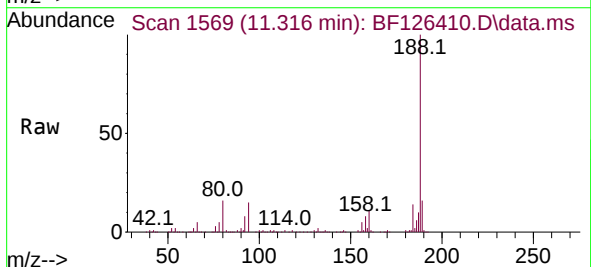


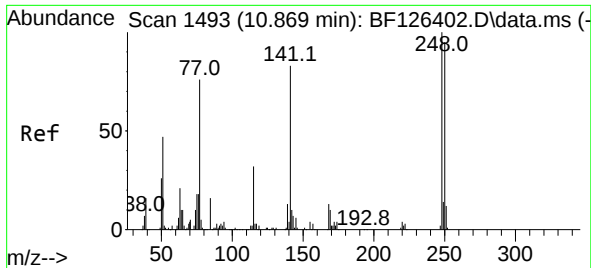
Tgt Ion:165 Resp: 36376
Ion Ratio Lower Upper
165 100
63 1.5 43.0 64.6#
89 1.1 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF126410.D
Acq: 30 Dec 2021 9:53

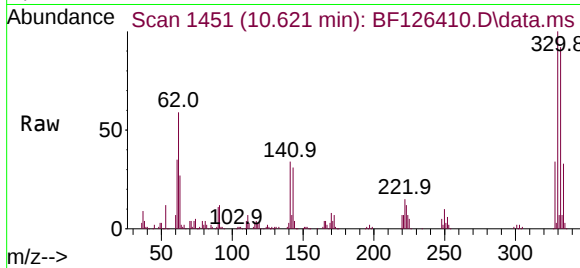
Tgt Ion:188 Resp: 462592
Ion Ratio Lower Upper
188 100
94 14.5 10.1 15.1
80 16.2 11.8 17.6



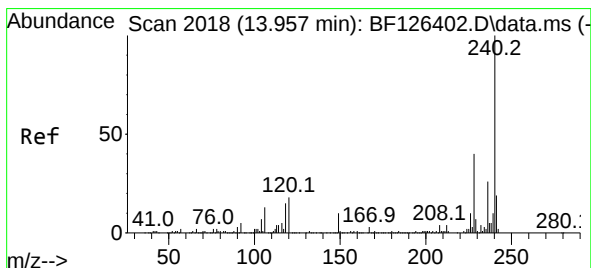
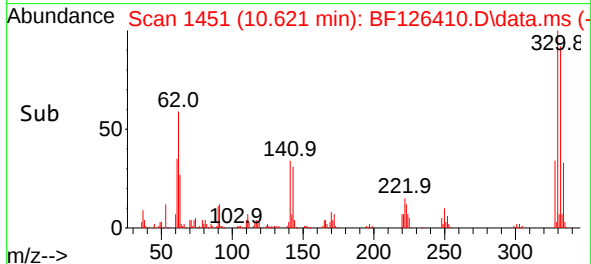
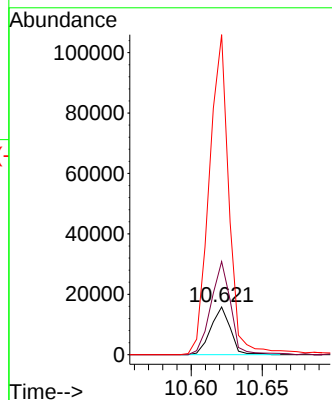


#67
4-Bromophenyl-phenylether
Concen: 3.665 ng
RT: 10.621 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF126410.D
Acq: 30 Dec 2021 9:53

Instrument :
BNA_F
ClientSampleId :

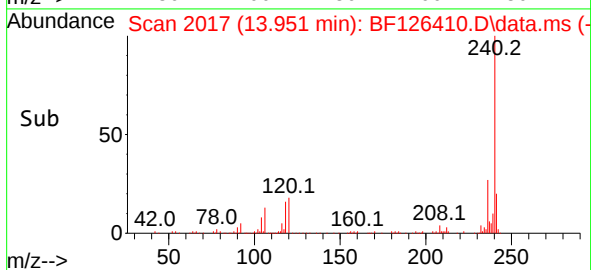
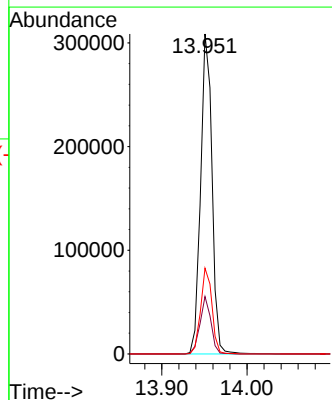
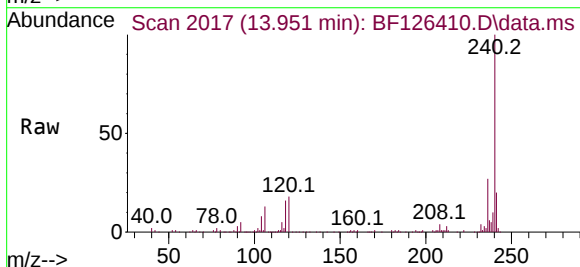


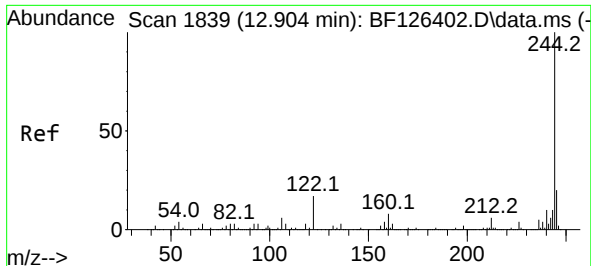
Tgt Ion:248 Resp: 15049
Ion Ratio Lower Upper
248 100
250 195.5 76.2 114.4#
141 671.7 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF126410.D
Acq: 30 Dec 2021 9:53

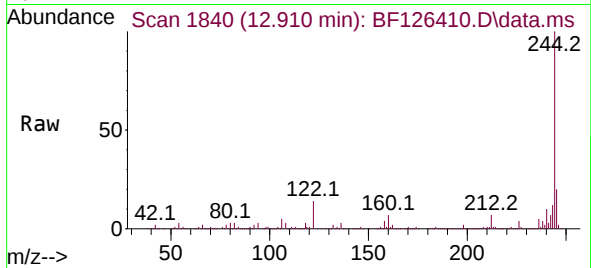
Tgt Ion:240 Resp: 286727
Ion Ratio Lower Upper
240 100
120 17.9 14.4 21.6
236 26.8 20.5 30.7



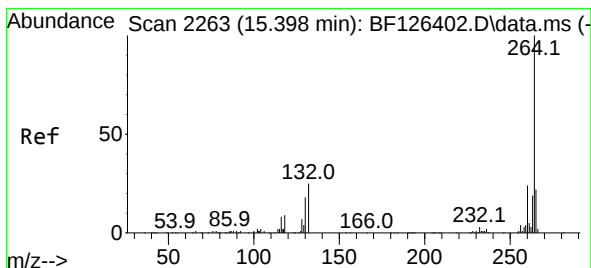
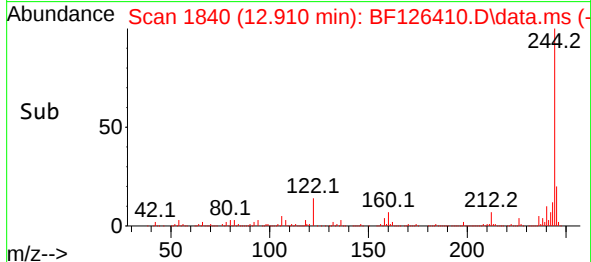
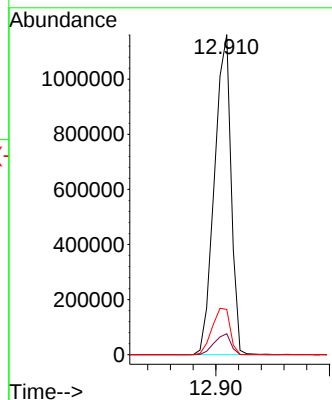


#79
 Terphenyl-d14
 Concen: 79.837 ng
 RT: 12.910 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF126410.D
 Acq: 30 Dec 2021 9:53

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1178192
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 14.1 13.3 19.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.392 min Scan# 2262
 Delta R.T. -0.006 min
 Lab File: BF126410.D
 Acq: 30 Dec 2021 9:53

Tgt Ion:264 Resp: 245326
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.2 28.8
 265 21.9 17.4 26.2

