

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
 Data File : BF126716.D
 Acq On : 28 Jan 2022 15:10
 Operator : CG/JU
 Sample : PB142340BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 PB142340BL

Quant Time: Jan 29 02:26:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

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

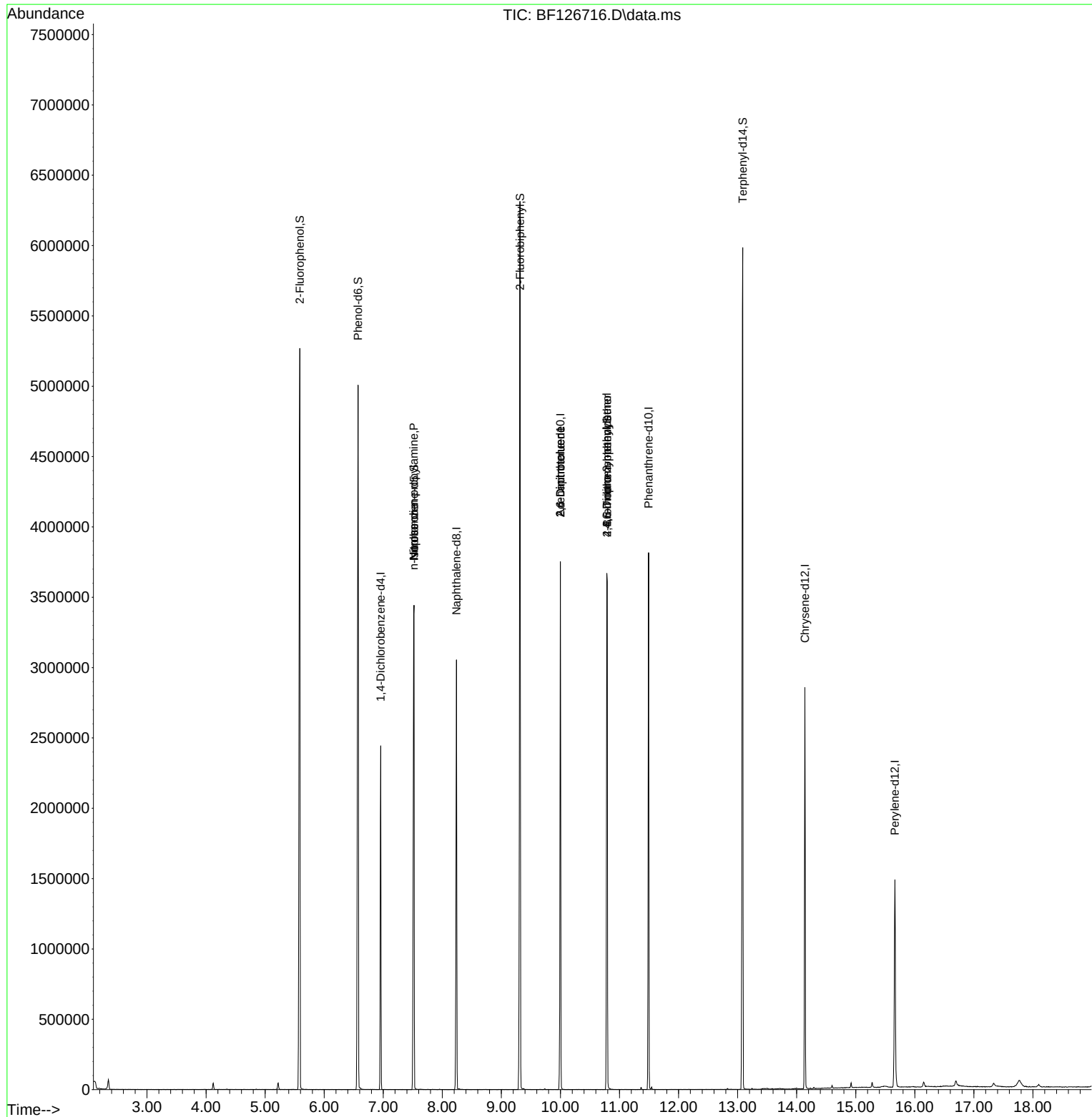
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	320400	40.000	ng	0.00
21) Naphthalene-d8	8.239	136	1268763	40.000	ng	0.00
39) Acenaphthene-d10	9.998	164	716835	40.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1229940	40.000	ng	0.00
76) Chrysene-d12	14.139	240	903222	40.000	ng	# 0.00
86) Perylene-d12	15.662	264	663080	40.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1604272	131.777	ng	0.02
7) Phenol-d6	6.575	99	2226671	131.642	ng	0.00
23) Nitrobenzene-d5	7.522	82	1567268	96.700	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	478782	142.740	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1942030	82.982	ng	0.00
79) Terphenyl-d14	13.086	244	2262177	84.016	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.575	77	3483	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.516	70	208218	16.866	ng	# 68
25) Isophorone	7.522	82	1556176	49.510	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	91411	20.810	ng	# 21
57) 2,4-Dinitrotoluene	9.998	165	91411	17.173	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.786	198	923	15.009	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	31251	4.409	ng	# 1

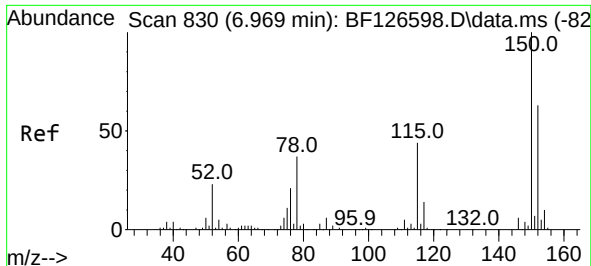
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
Data File : BF126716.D
Acq On : 28 Jan 2022 15:10
Operator : CG/JU
Sample : PB142340BL
Misc :
ALS Vial : 3 Sample Multiplier: 2

Instrument :
BNA_F
ClientSampleId :
PB142340BL

Quant Time: Jan 29 02:26:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 27 03:09:40 2022
Response via : Initial Calibration

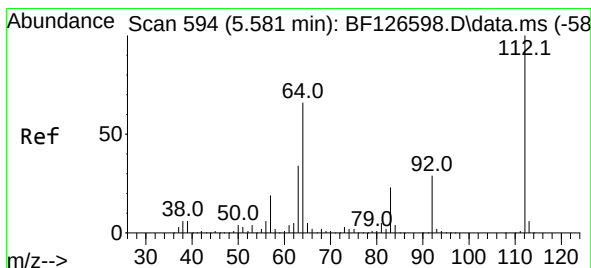
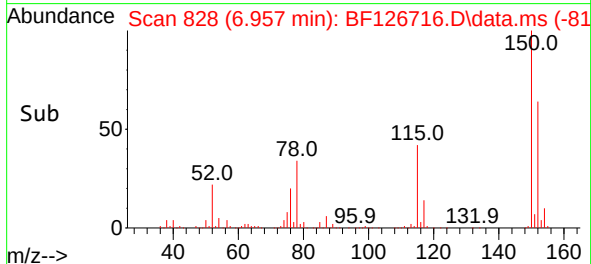
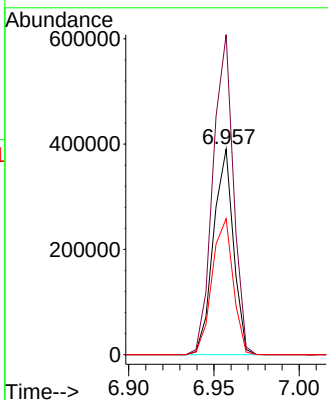
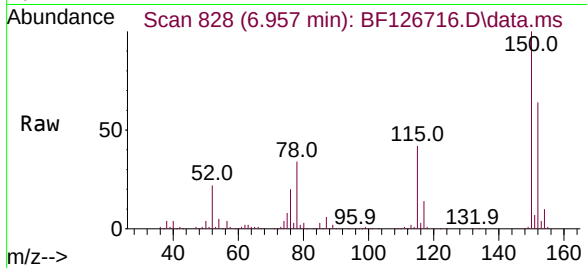




#1
1,4-Dichlorobenzene-d4
Concen: 40.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126716.D
Acq: 28 Jan 2022 15:10

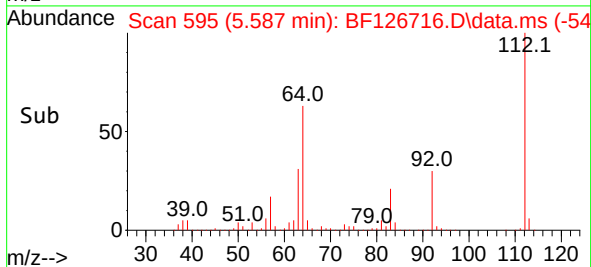
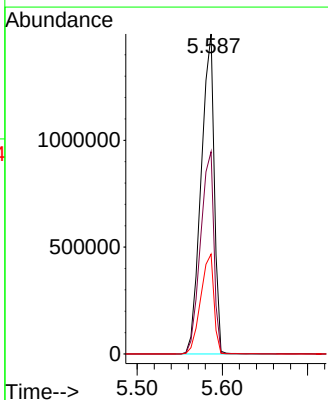
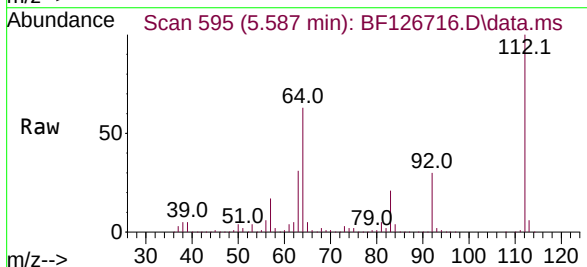
Instrument :
BNA_F
ClientSampleId :
PB142340BL

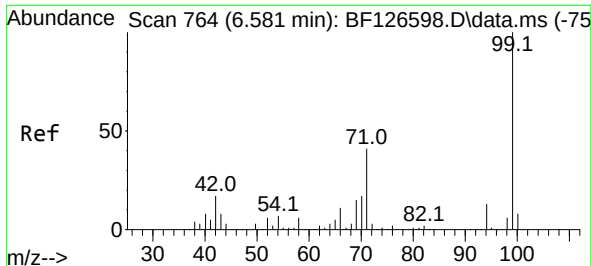
Tgt Ion:152 Resp: 320400
Ion Ratio Lower Upper
152 100
150 155.6 128.1 192.1
115 66.1 56.7 85.1



#5
2-Fluorophenol
Concen: 131.777 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.018 min
Lab File: BF126716.D
Acq: 28 Jan 2022 15:10

Tgt Ion:112 Resp: 1604272
Ion Ratio Lower Upper
112 100
64 63.2 49.5 74.3
63 31.2 23.9 35.9





#7

Phenol-d6

Concen: 131.642 ng

RT: 6.575 min Scan# 7

Delta R.T. -0.000 min

Lab File: BF126716.D

Acq: 28 Jan 2022 15:10

Instrument :

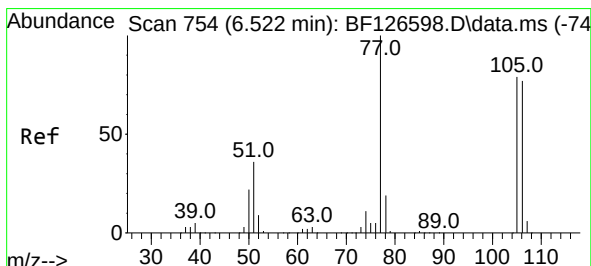
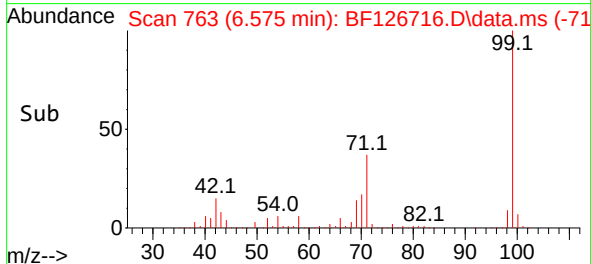
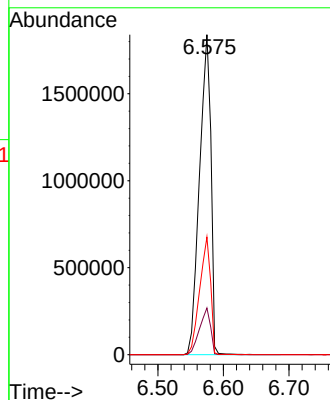
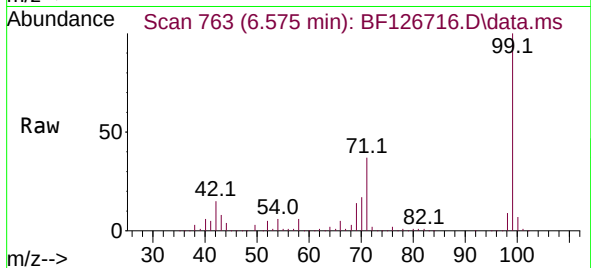
BNA_F

ClientSampleId :

PB142340BL

Tgt Ion: 99 Resp: 2226671

Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.2	21.4
71	36.7	24.3	36.5



#9

Benzaldehyde

Concen: Below Cal

RT: 6.575 min Scan# 763

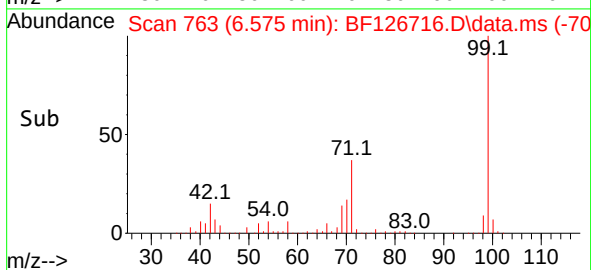
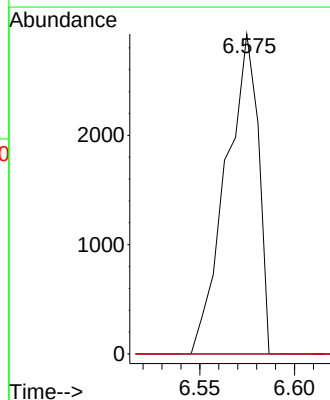
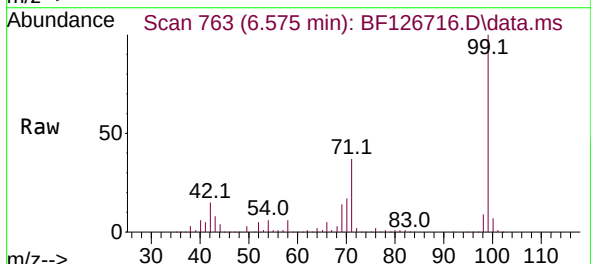
Delta R.T. 0.065 min

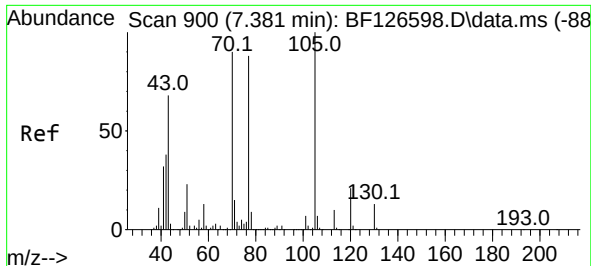
Lab File: BF126716.D

Acq: 28 Jan 2022 15:10

Tgt Ion: 77 Resp: 3483

Ion	Ratio	Lower	Upper
77	100		
105	0.0	74.9	114.9
106	0.0	72.4	112.4

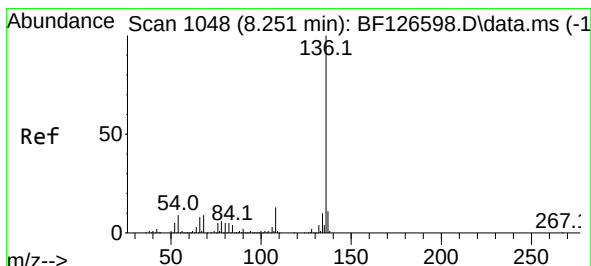
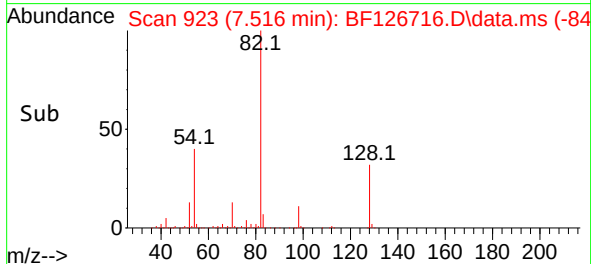
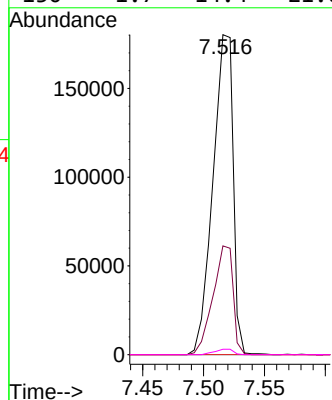
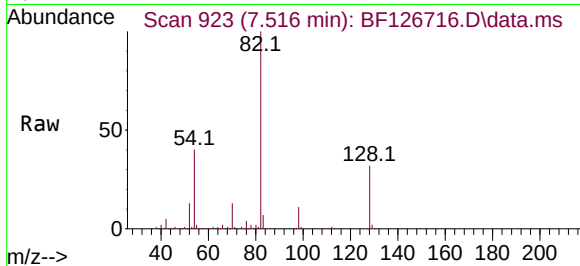




#19
n-Nitroso-di-n-propylamine
Concen: 16.866 ng
RT: 7.516 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF126716.D
Acq: 28 Jan 2022 15:10

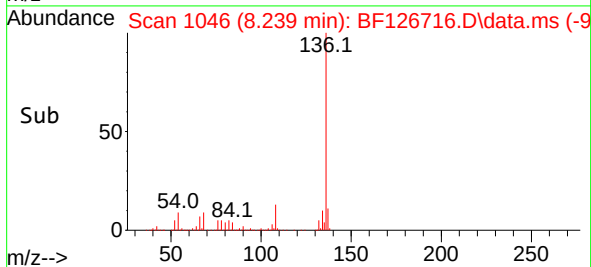
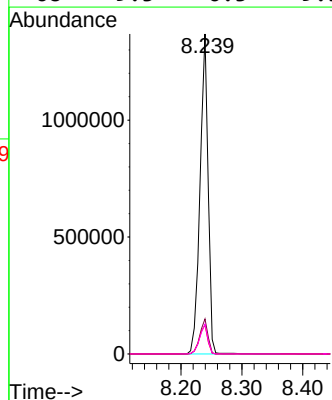
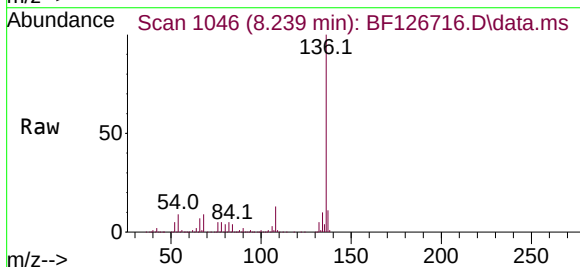
Instrument :
BNA_F
ClientSampleId :
PB142340BL

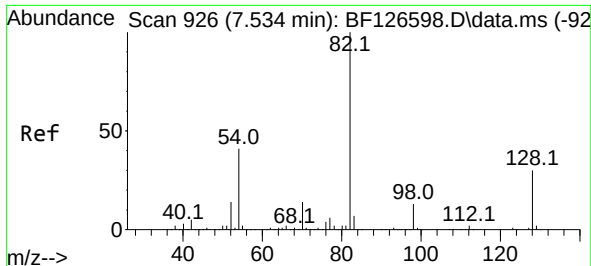
Tgt Ion: 70 Resp: 208218
Ion Ratio Lower Upper
70 100
42 34.0 45.8 68.8#
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#



#21
Naphthalene-d8
Concen: 40.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BF126716.D
Acq: 28 Jan 2022 15:10

Tgt Ion:136 Resp: 1268763
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.1 7.8 11.6
68 9.3 6.3 9.5





#23

Nitrobenzene-d5

Concen: 96.700 ng

RT: 7.522 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF126716.D

Acq: 28 Jan 2022 15:10

Instrument :

BNA_F

ClientSampleId :

PB142340BL

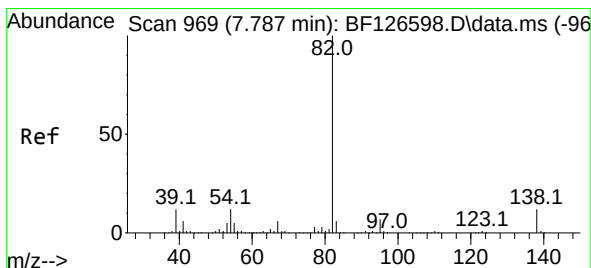
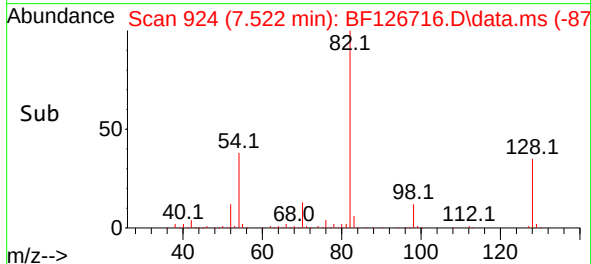
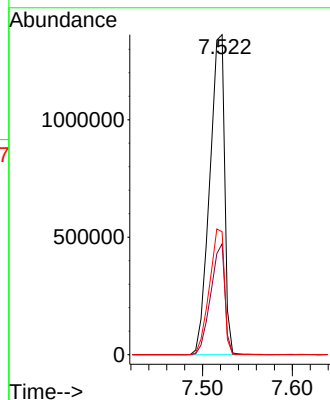
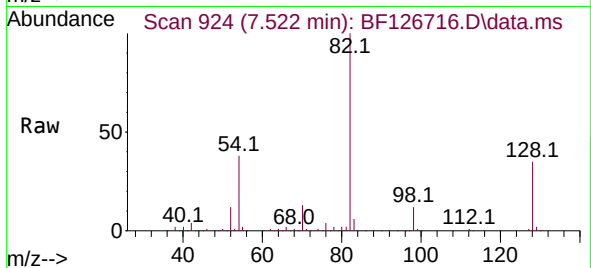
Tgt Ion: 82 Resp: 1567268

Ion Ratio Lower Upper

82 100

128 34.7 32.7 49.1

54 38.4 41.7 62.5#



#25

Isophorone

Concen: 49.510 ng

RT: 7.522 min Scan# 924

Delta R.T. -0.259 min

Lab File: BF126716.D

Acq: 28 Jan 2022 15:10

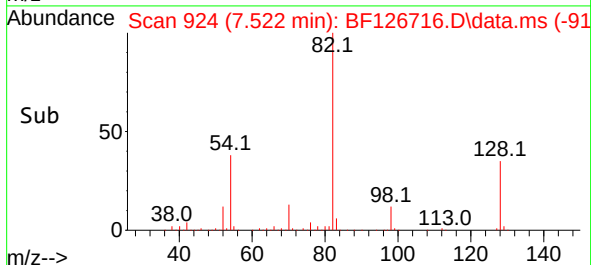
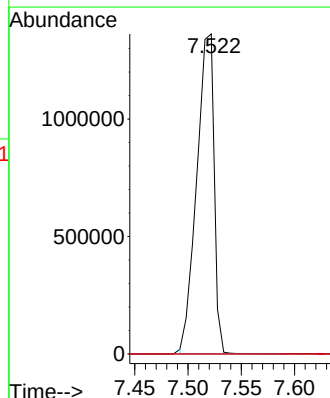
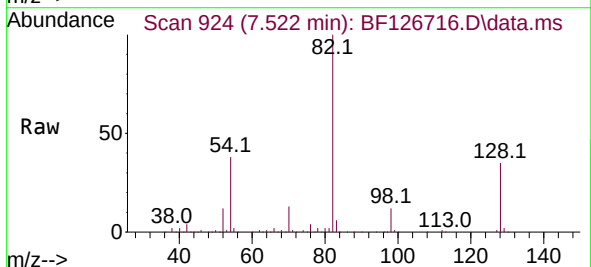
Tgt Ion: 82 Resp: 1556176

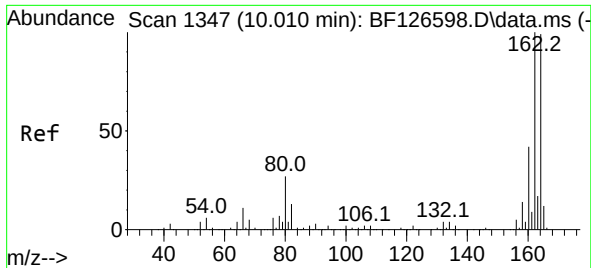
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#

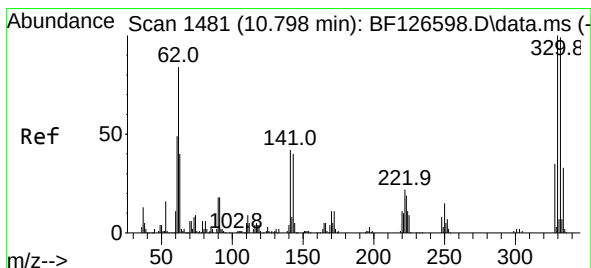
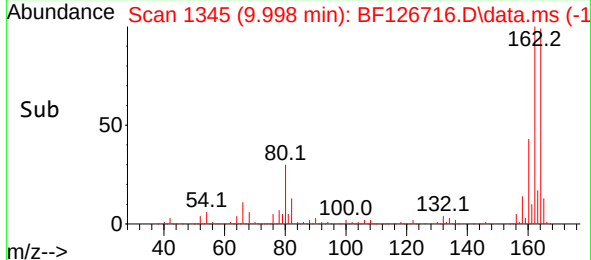
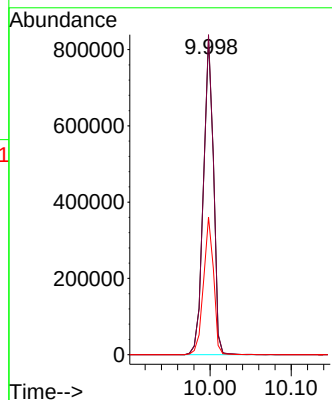
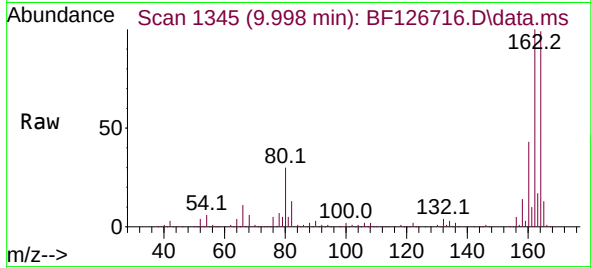




#39
Acenaphthene-d10
Concen: 40.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126716.D
Acq: 28 Jan 2022 15:10

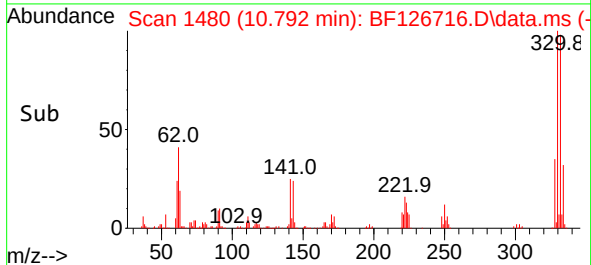
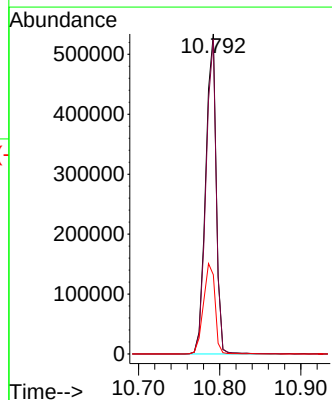
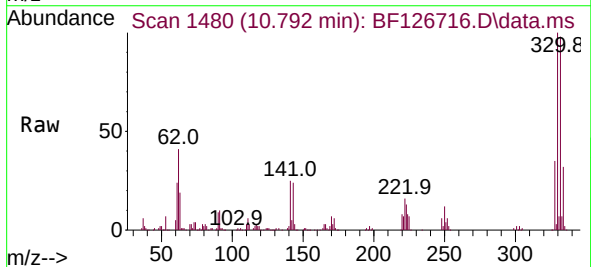
Instrument :
BNA_F
ClientSampleId :
PB142340BL

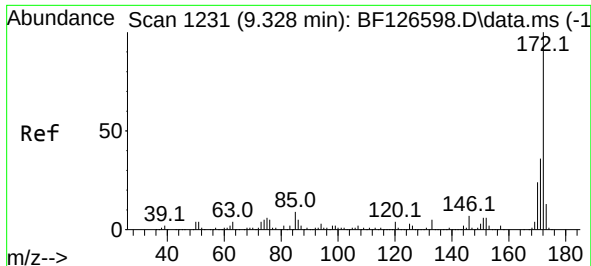
Tgt Ion:164 Resp: 716835
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 43.4 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 142.740 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BF126716.D
Acq: 28 Jan 2022 15:10

Tgt Ion:330 Resp: 478782
Ion Ratio Lower Upper
330 100
332 96.7 76.0 114.0
141 31.2 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 82.982 ng

RT: 9.316 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF126716.D

Acq: 28 Jan 2022 15:10

Instrument :

BNA_F

ClientSampleId :

PB142340BL

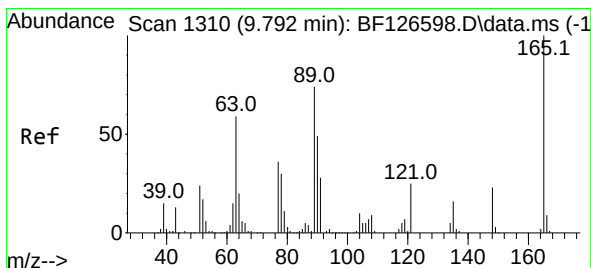
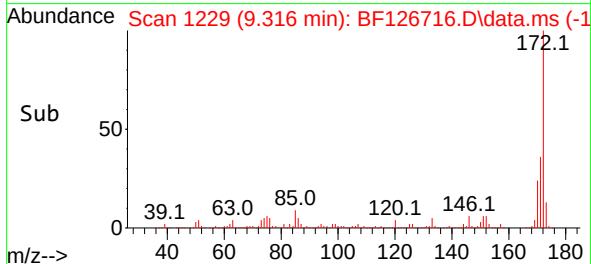
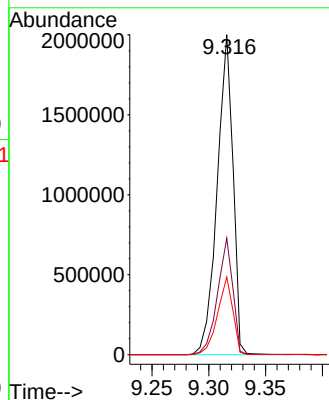
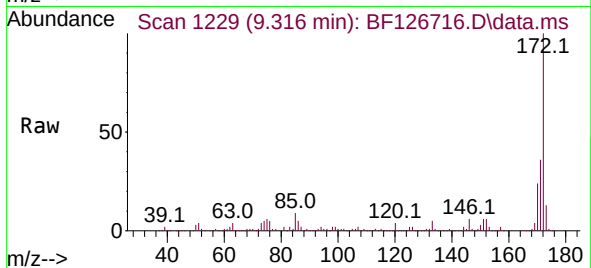
Tgt Ion:172 Resp: 1942030

Ion Ratio Lower Upper

172 100

171 36.4 28.3 42.5

170 24.3 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 20.810 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.218 min

Lab File: BF126716.D

Acq: 28 Jan 2022 15:10

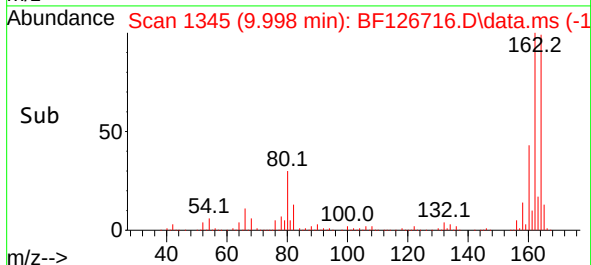
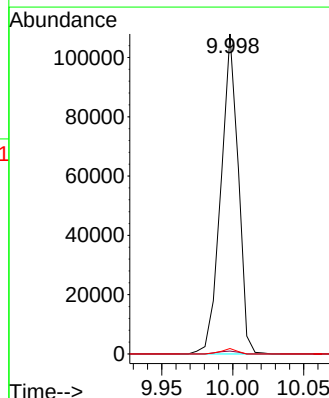
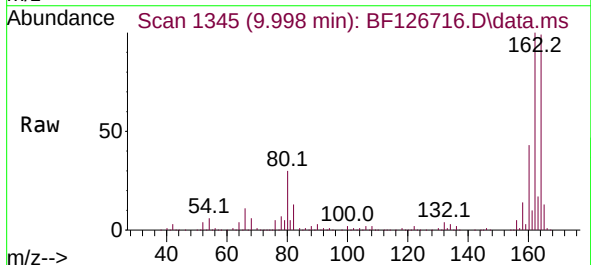
Tgt Ion:165 Resp: 91411

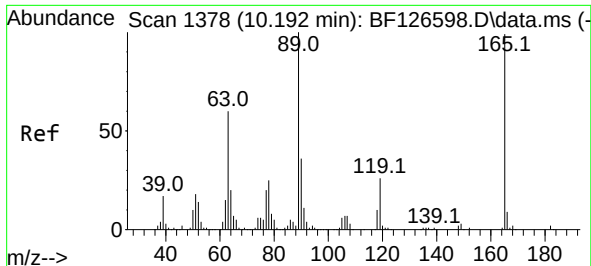
Ion Ratio Lower Upper

165 100

63 0.9 48.4 72.6#

89 1.7 50.5 75.7#

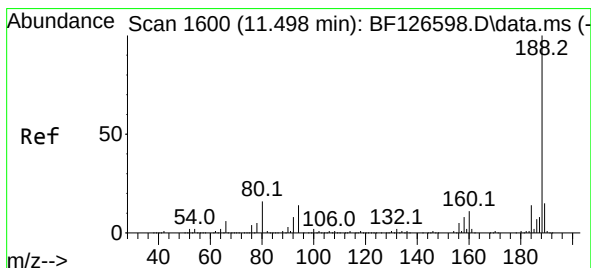
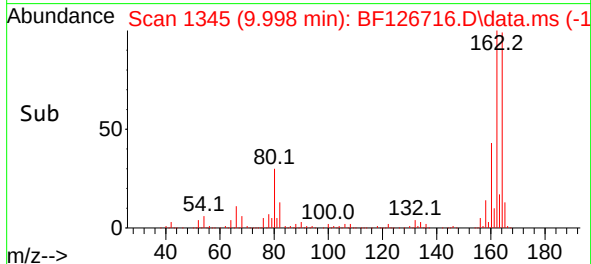
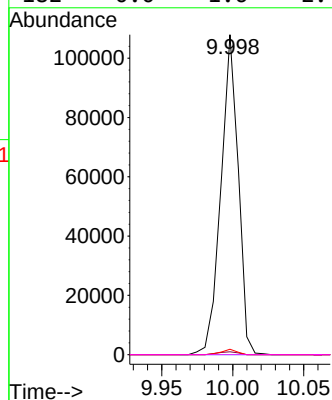
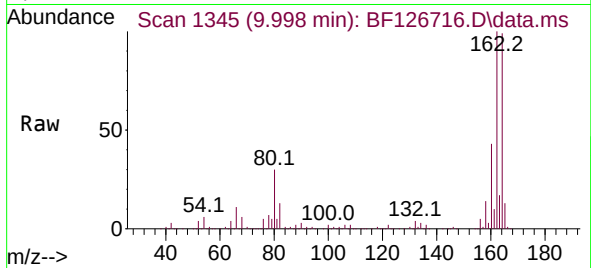




#57
2,4-Dinitrotoluene
Concen: 17.173 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126716.D
Acq: 28 Jan 2022 15:10

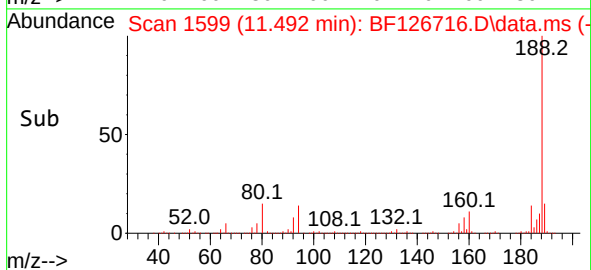
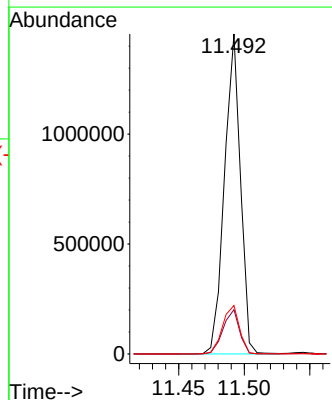
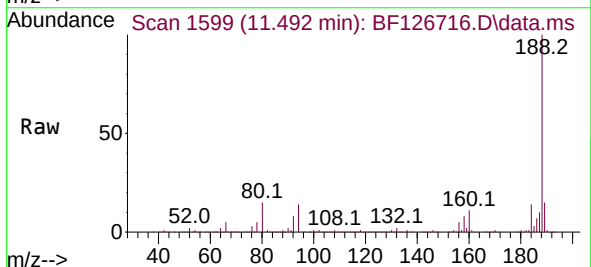
Instrument :
BNA_F
ClientSampleId :
PB142340BL

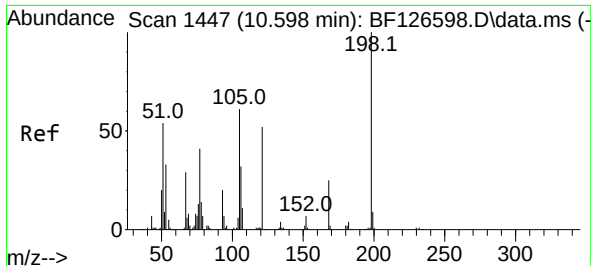
Tgt Ion:165 Resp: 91411
Ion Ratio Lower Upper
165 100
63 0.9 43.0 64.6#
89 1.7 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 40.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF126716.D
Acq: 28 Jan 2022 15:10

Tgt Ion:188 Resp: 1229940
Ion Ratio Lower Upper
188 100
94 13.9 10.1 15.1
80 15.1 11.8 17.6





#65

4,6-Dinitro-2-methylphenol

Concen: 15.009 ng

RT: 10.786 min Scan# 1447

Delta R.T. 0.194 min

Lab File: BF126716.D

Acq: 28 Jan 2022 15:10

Instrument :

BNA_F

ClientSampleId :

PB142340BL

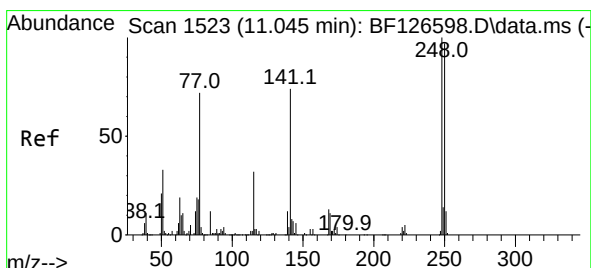
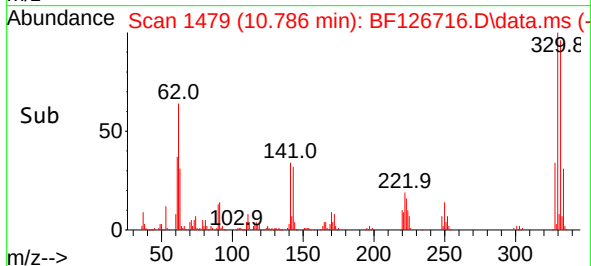
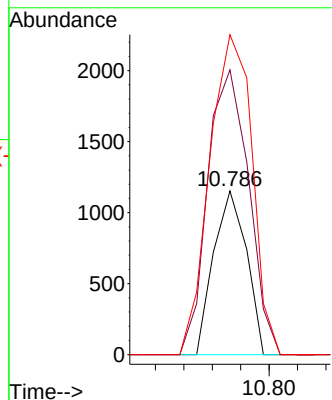
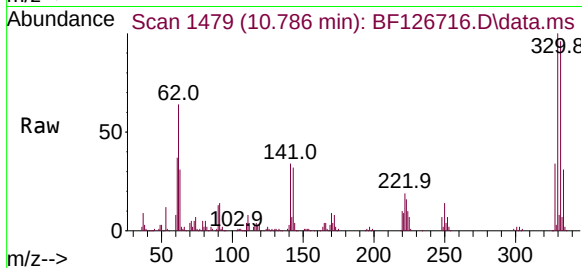
Tgt Ion:198 Resp: 923

Ion Ratio Lower Upper

198 100

51 174.0 32.0 72.0#

105 195.6 32.7 72.7#



#67

4-Bromophenyl-phenylether

Concen: 4.409 ng

RT: 10.792 min Scan# 1480

Delta R.T. -0.241 min

Lab File: BF126716.D

Acq: 28 Jan 2022 15:10

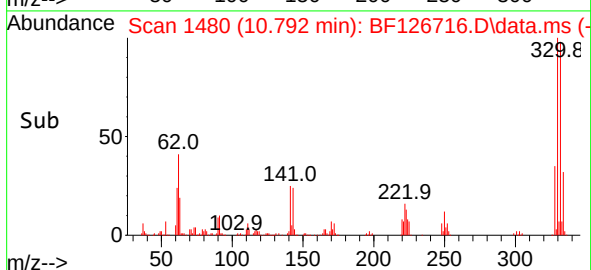
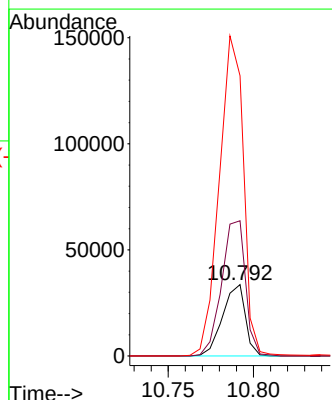
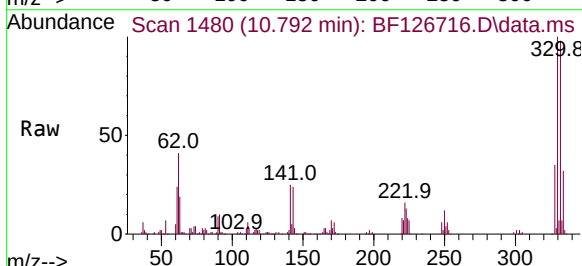
Tgt Ion:248 Resp: 31251

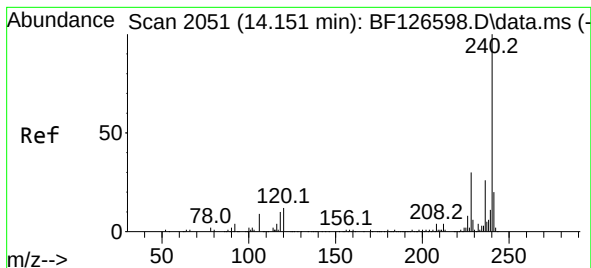
Ion Ratio Lower Upper

248 100

250 189.3 76.2 114.4#

141 392.2 66.2 99.4#





#76

Chrysene-d12

Concen: 40.000 ng

RT: 14.139 min Scan# 2049

Delta R.T. -0.006 min

Lab File: BF126716.D

Acq: 28 Jan 2022 15:10

Instrument :

BNA_F

ClientSampleId :

PB142340BL

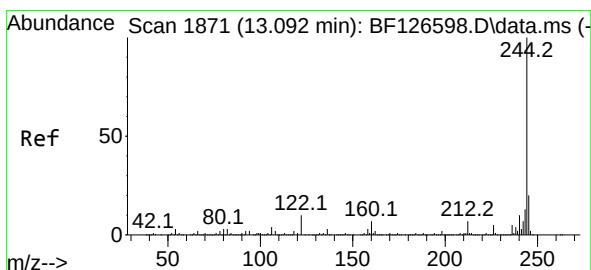
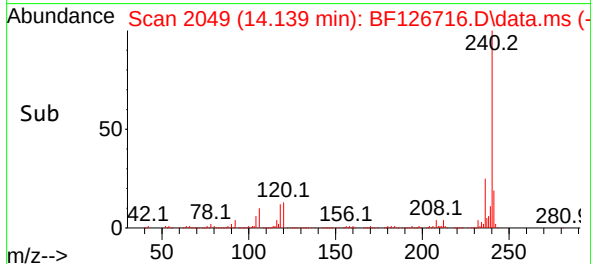
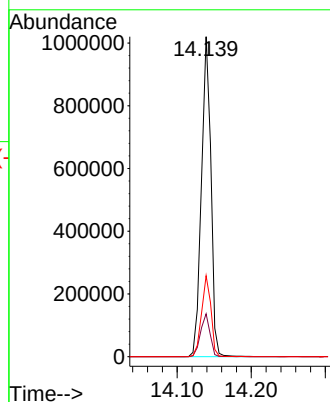
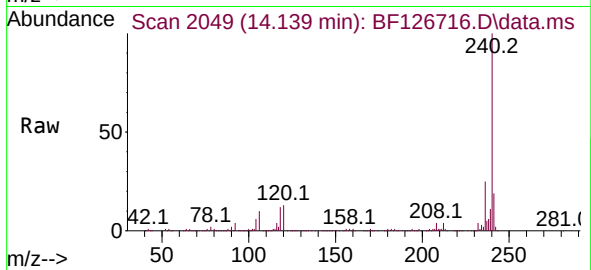
Tgt Ion:240 Resp: 903222

Ion Ratio Lower Upper

240 100

120 13.4 14.4 21.6#

236 25.3 20.5 30.7



#79

Terphenyl-d14

Concen: 84.016 ng

RT: 13.086 min Scan# 1870

Delta R.T. 0.006 min

Lab File: BF126716.D

Acq: 28 Jan 2022 15:10

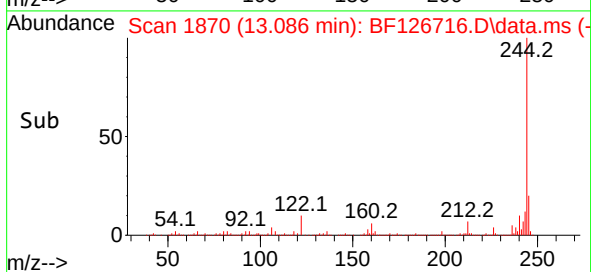
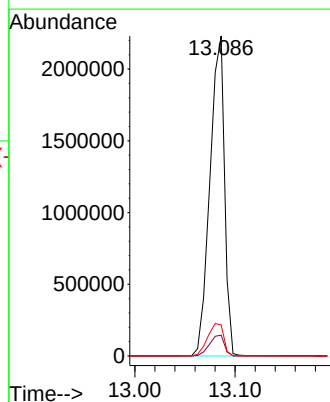
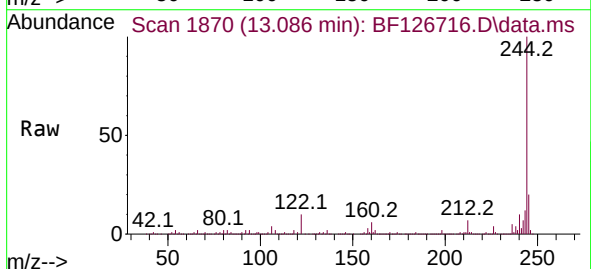
Tgt Ion:244 Resp: 2262177

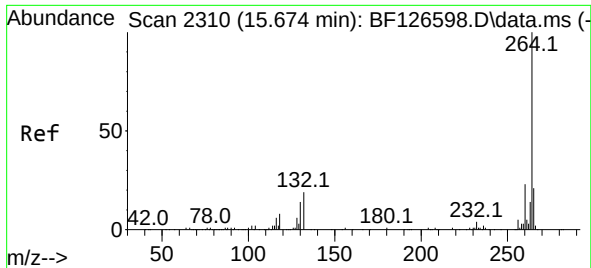
Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

122 9.7 13.3 19.9#





#86
Perylene-d12
Concen: 40.000 ng
RT: 15.662 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF126716.D
Acq: 28 Jan 2022 15:10

Instrument :
BNA_F
ClientSampleId :
PB142340BL

Tgt Ion:264 Resp: 663080

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.5	17.4	26.2

