

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012422\
 Data File : BF126635.D
 Acq On : 24 Jan 2022 13:32
 Operator : CG/JU
 Sample : PB142179BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142179BL

Quant Time: Jan 24 14:29:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 19 07:04:14 2022
 Response via : Initial Calibration

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

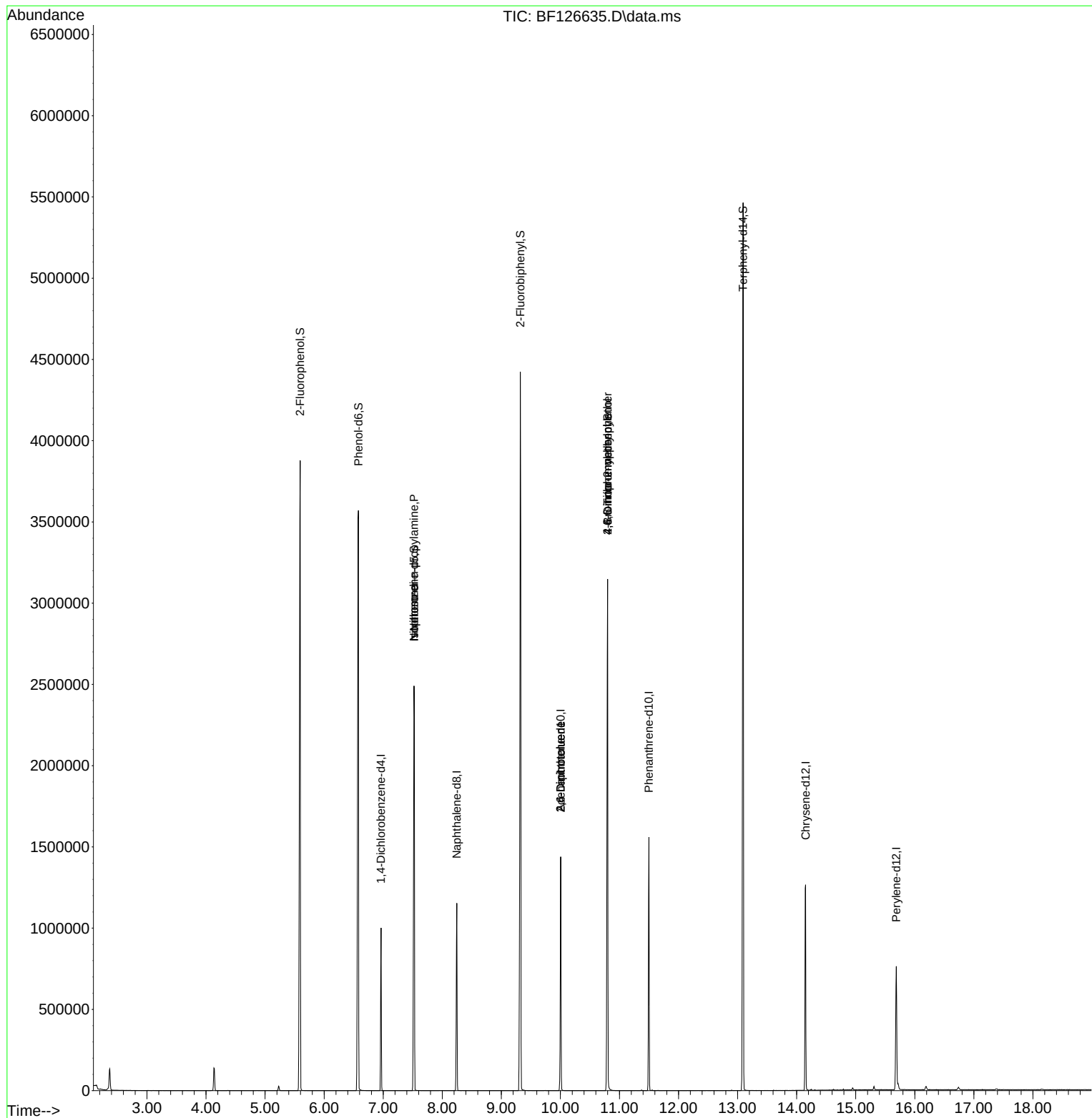
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	121030	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	479287	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	268397	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	490384	20.000	ng	0.00
76) Chrysene-d12	14.151	240	445418	20.000	ng	# 0.00
86) Perylene-d12	15.686	264	353245	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	1099582	119.552	ng	0.01
7) Phenol-d6	6.581	99	1481450	115.930	ng	0.00
23) Nitrobenzene-d5	7.522	82	1107940	90.480	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	339616	135.209	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1447696	82.607	ng	0.00
79) Terphenyl-d14	13.092	244	1909290	71.896	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.581	77	3043	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.522	70	152310	16.331	ng	# 71
25) Isophorone	7.522	82	1105927	46.571	ng	# 69
51) 2,6-Dinitrotoluene	10.004	165	34424	10.465	ng	# 21
57) 2,4-Dinitrotoluene	10.004	165	34424	8.636	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.798	198	661	7.610	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	23712	4.196	ng	# 1

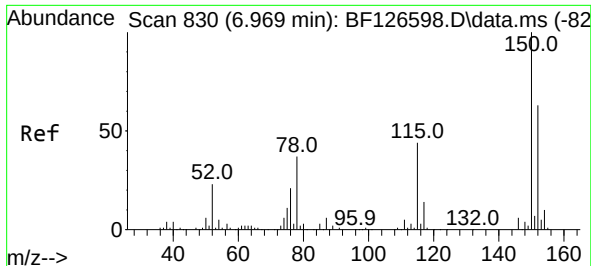
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012422\
Data File : BF126635.D
Acq On : 24 Jan 2022 13:32
Operator : CG/JU
Sample : PB142179BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB142179BL

Quant Time: Jan 24 14:29:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 19 07:04:14 2022
Response via : Initial Calibration

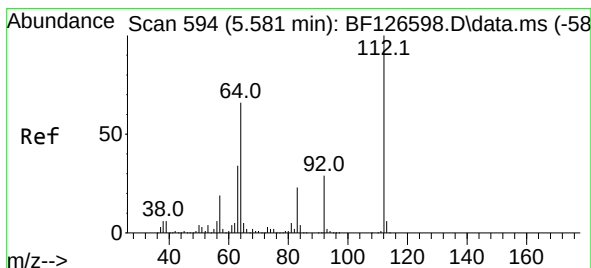
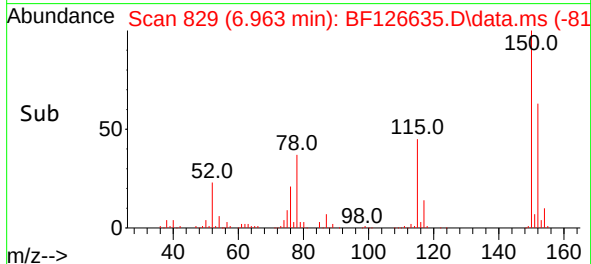
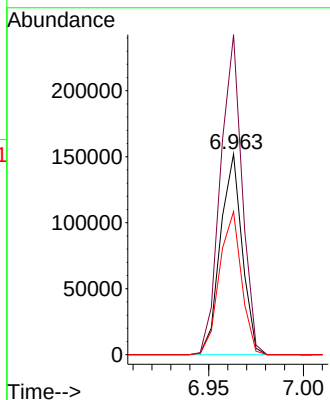
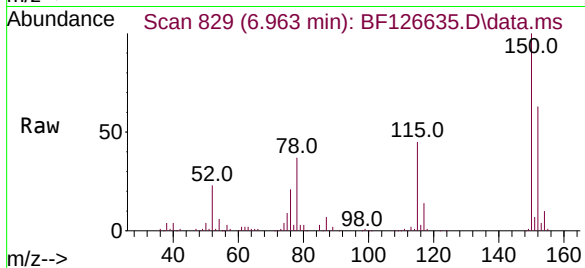




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126635.D
Acq: 24 Jan 2022 13:32

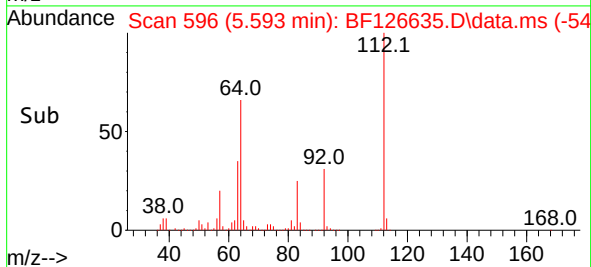
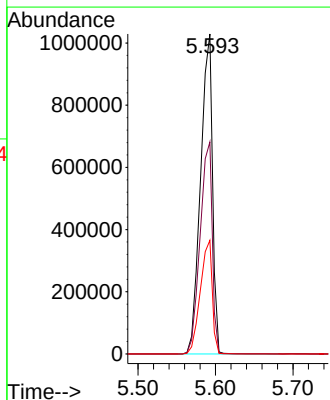
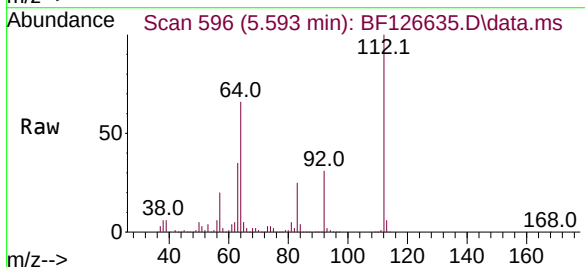
Instrument :
BNA_F
ClientSampleId :
PB142179BL

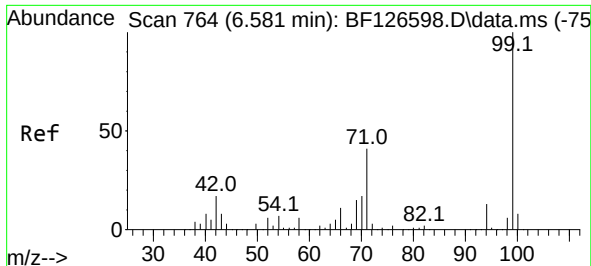
Tgt Ion:152 Resp: 121030
Ion Ratio Lower Upper
152 100
150 159.5 128.1 192.1
115 71.3 56.7 85.1



#5
2-Fluorophenol
Concen: 119.552 ng
RT: 5.593 min Scan# 596
Delta R.T. 0.012 min
Lab File: BF126635.D
Acq: 24 Jan 2022 13:32

Tgt Ion:112 Resp: 1099582
Ion Ratio Lower Upper
112 100
64 66.3 49.5 74.3
63 35.5 23.9 35.9

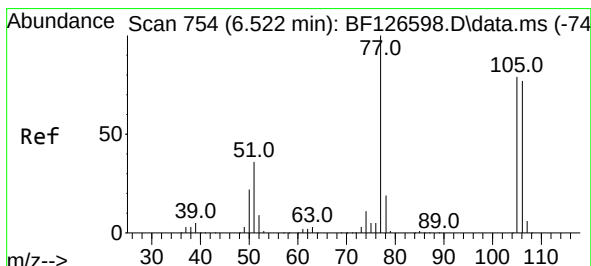
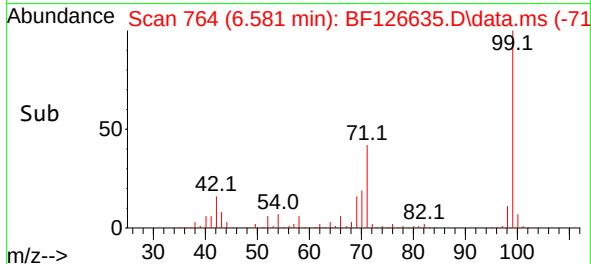
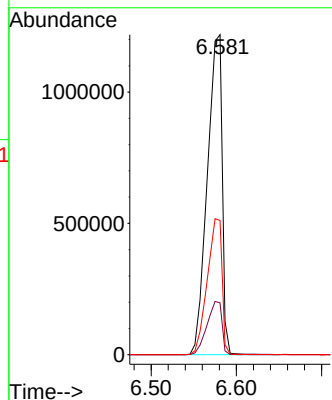
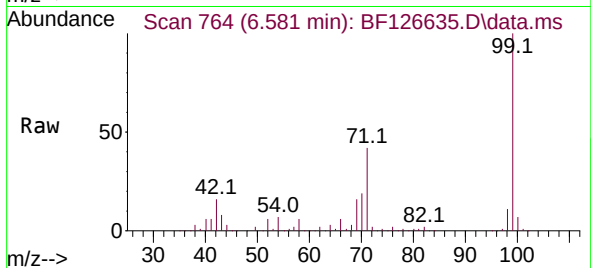




#7
Phenol-d6
Concen: 115.930 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF126635.D
Acq: 24 Jan 2022 13:32

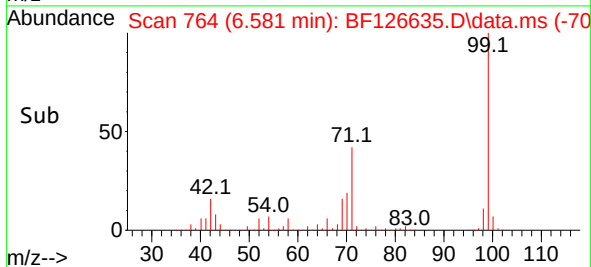
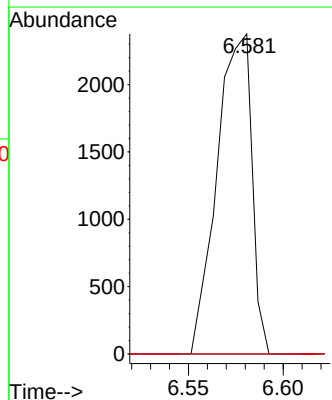
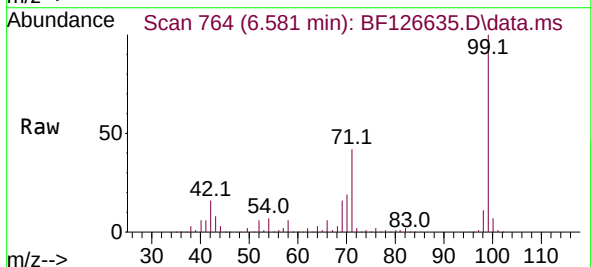
Instrument :
BNA_F
ClientSampleId :
PB142179BL

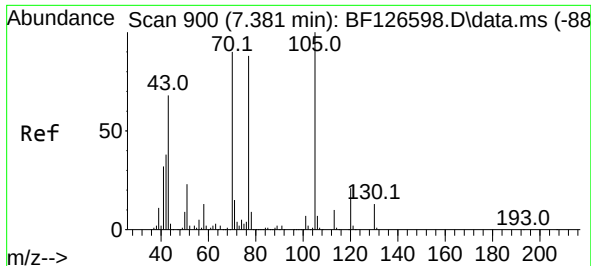
Tgt Ion: 99 Resp: 1481450
Ion Ratio Lower Upper
99 100
42 16.2 14.2 21.4
71 41.9 24.3 36.5#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.581 min Scan# 764
Delta R.T. 0.059 min
Lab File: BF126635.D
Acq: 24 Jan 2022 13:32

Tgt Ion: 77 Resp: 3043
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: 16.331 ng

RT: 7.522 min Scan# 91

Delta R.T. 0.141 min

Lab File: BF126635.D

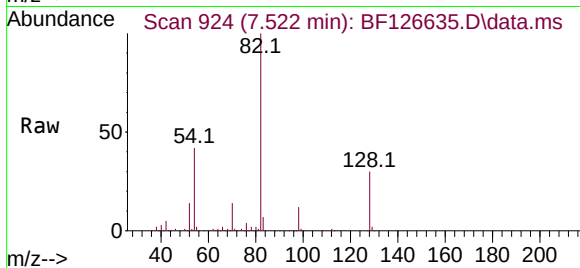
Acq: 24 Jan 2022 13:32

Instrument :

BNA_F

ClientSampleId :

PB142179BL



Tgt Ion: 70 Resp: 152310

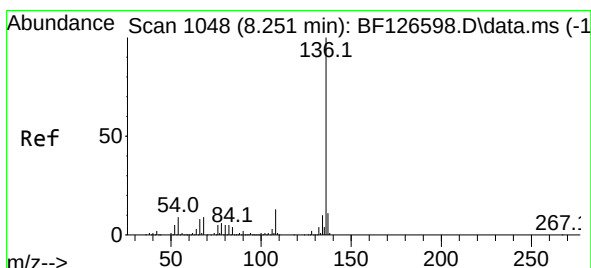
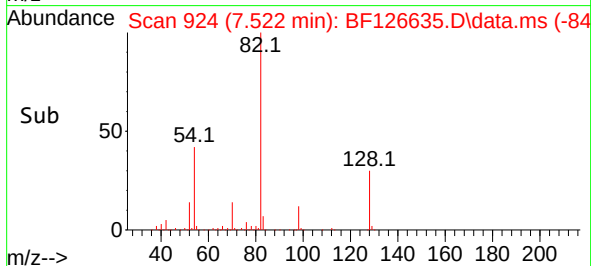
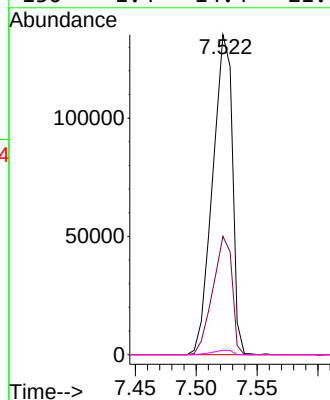
Ion Ratio Lower Upper

70 100

42 37.0 45.8 68.8#

101 0.0 6.9 10.3#

130 1.4 14.4 21.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.245 min Scan# 1047

Delta R.T. -0.006 min

Lab File: BF126635.D

Acq: 24 Jan 2022 13:32

Tgt Ion: 136 Resp: 479287

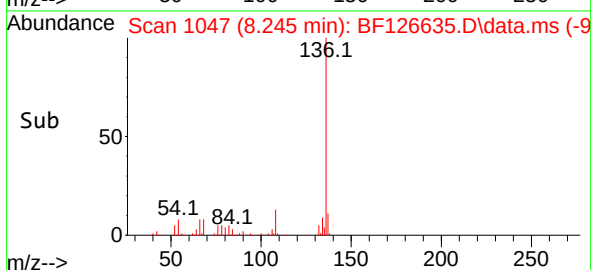
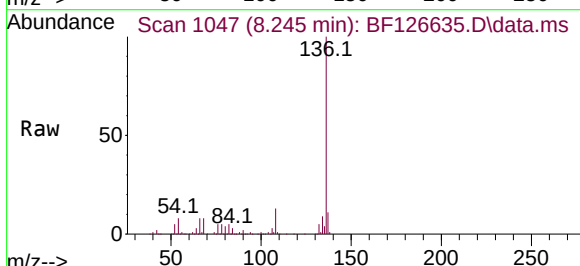
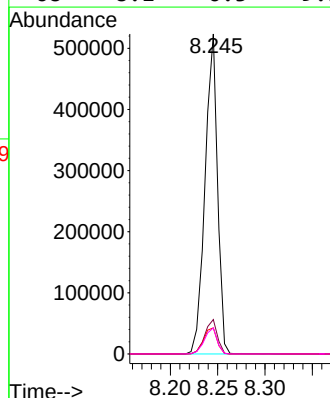
Ion Ratio Lower Upper

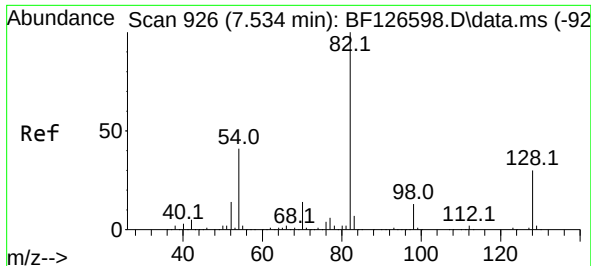
136 100

137 10.8 8.6 13.0

54 8.2 7.8 11.6

68 8.1 6.3 9.5

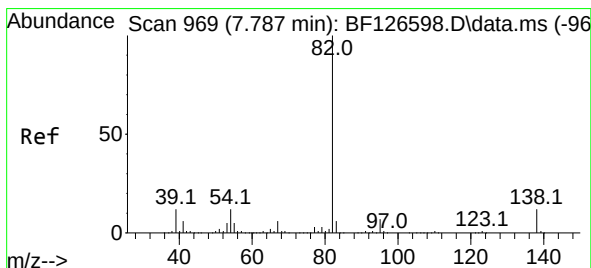
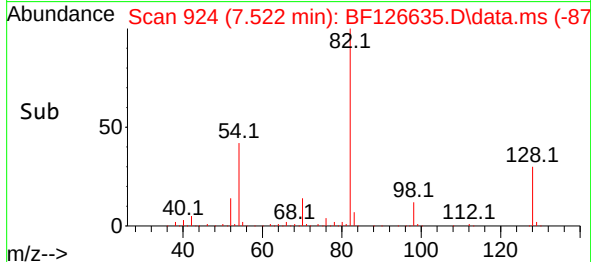
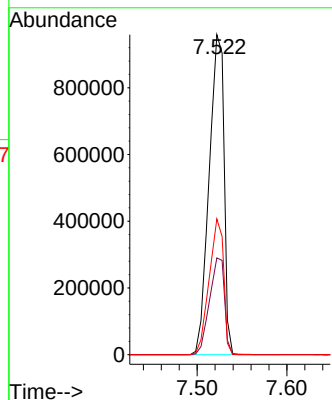
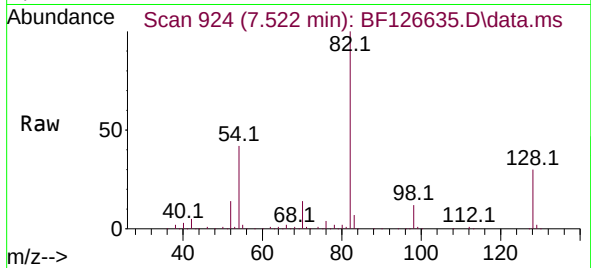




#23
Nitrobenzene-d5
Concen: 90.480 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF126635.D
Acq: 24 Jan 2022 13:32

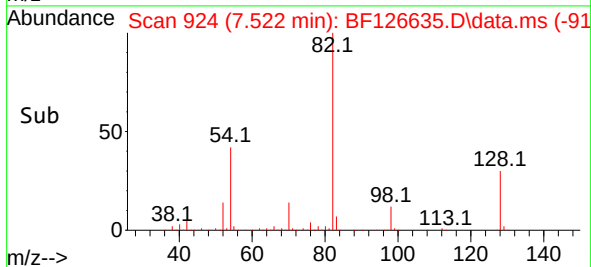
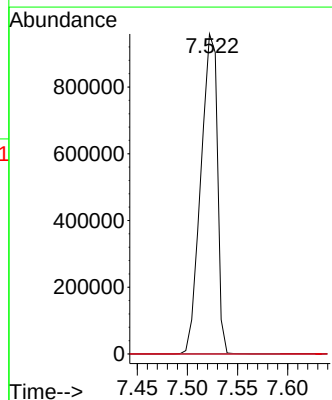
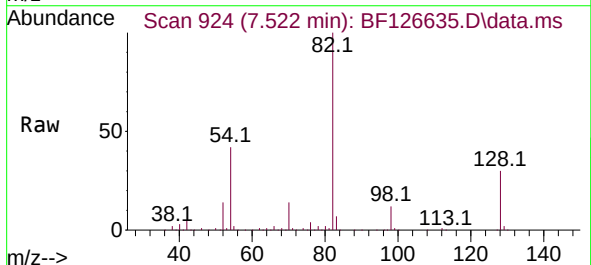
Instrument :
BNA_F
ClientSampleId :
PB142179BL

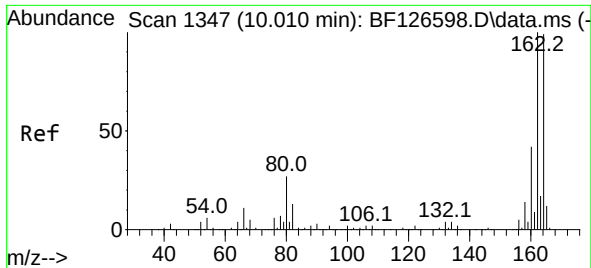
Tgt Ion: 82 Resp: 1107940
Ion Ratio Lower Upper
82 100
128 30.3 32.7 49.1#
54 42.5 41.7 62.5



#25
Isophorone
Concen: 46.571 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.265 min
Lab File: BF126635.D
Acq: 24 Jan 2022 13:32

Tgt Ion: 82 Resp: 1105927
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

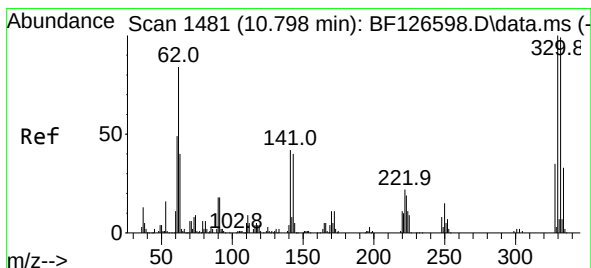
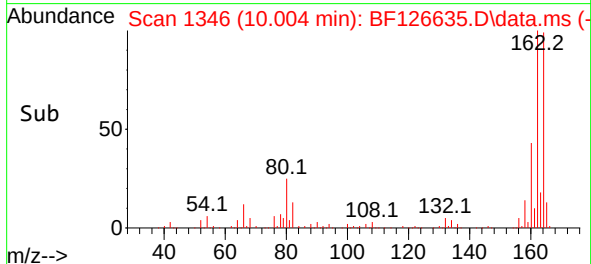
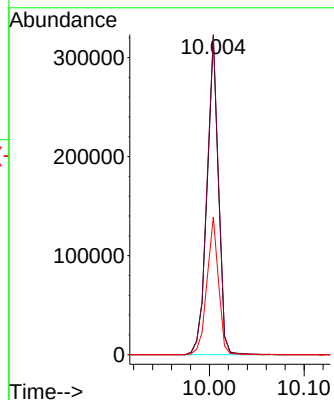
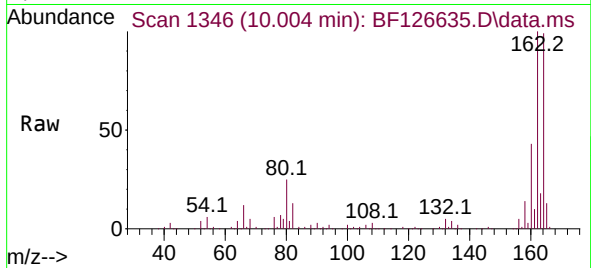




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126635.D
Acq: 24 Jan 2022 13:32

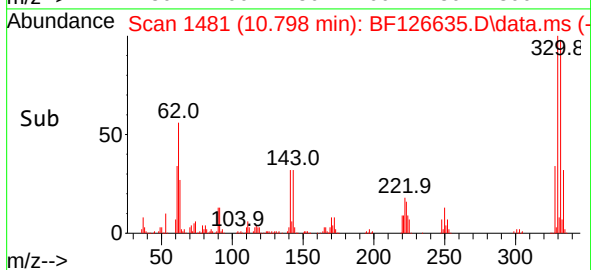
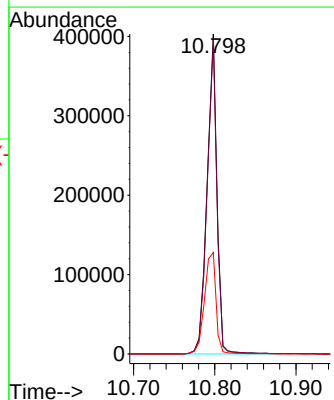
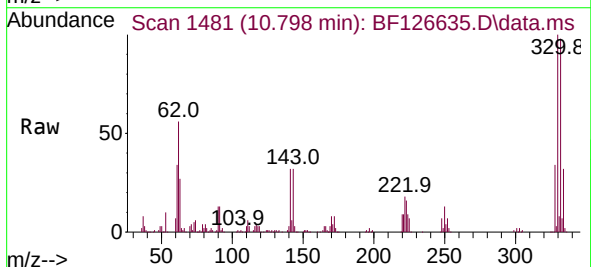
Instrument :
BNA_F
ClientSampleId :
PB142179BL

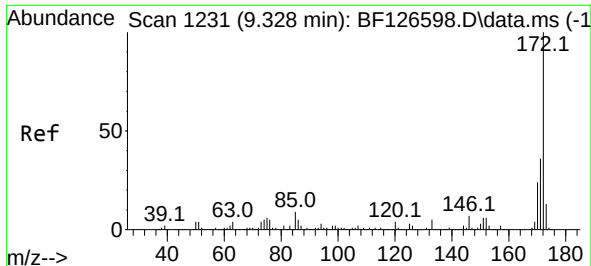
Tgt Ion:164 Resp: 268397
Ion Ratio Lower Upper
164 100
162 100.5 81.4 122.0
160 43.3 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 135.209 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BF126635.D
Acq: 24 Jan 2022 13:32

Tgt Ion:330 Resp: 339616
Ion Ratio Lower Upper
330 100
332 97.2 76.0 114.0
141 37.3 30.1 45.1

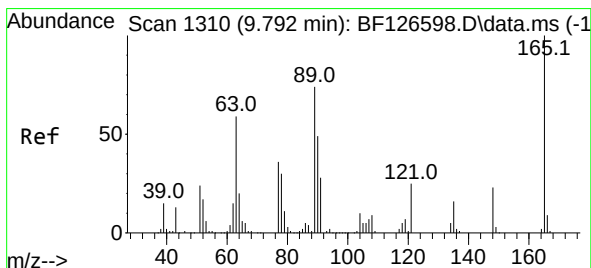
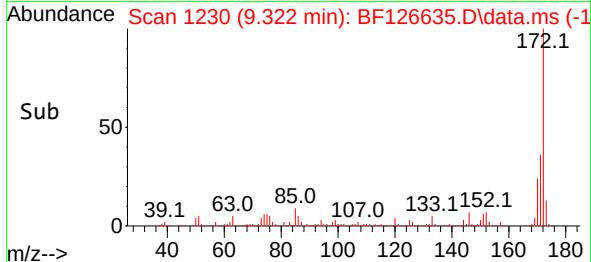
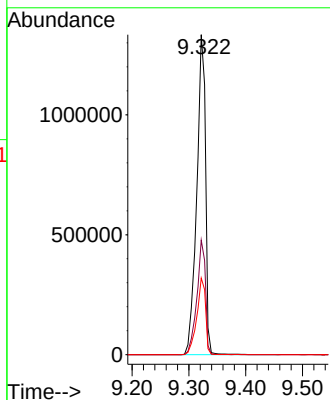
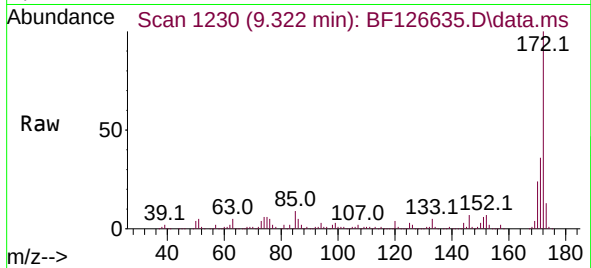




#45
2-Fluorobiphenyl
Concen: 82.607 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126635.D
Acq: 24 Jan 2022 13:32

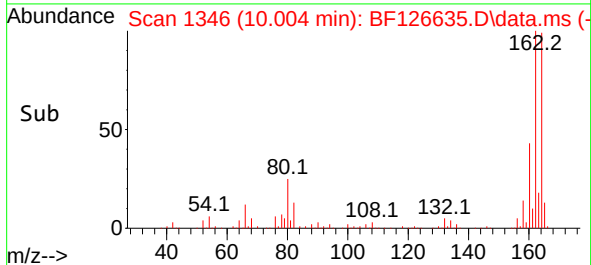
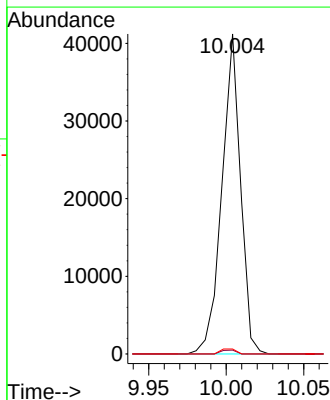
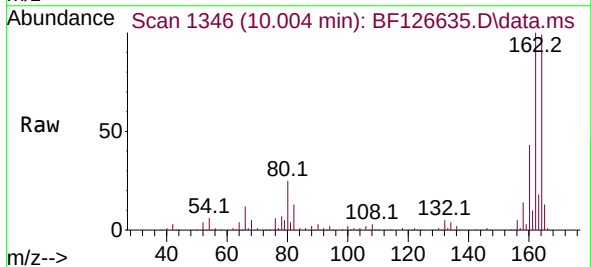
Instrument :
BNA_F
ClientSampleId :
PB142179BL

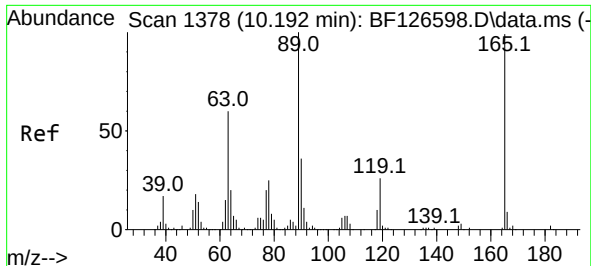
Tgt Ion:172 Resp: 1447696
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.9 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 10.465 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.212 min
Lab File: BF126635.D
Acq: 24 Jan 2022 13:32

Tgt Ion:165 Resp: 34424
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 1.6 50.5 75.7#

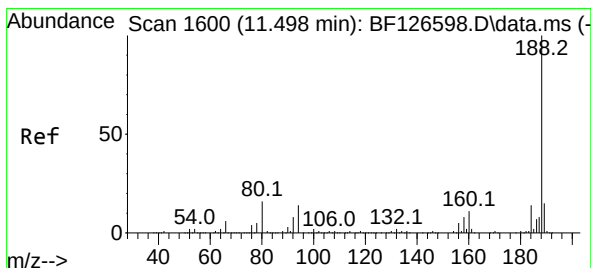
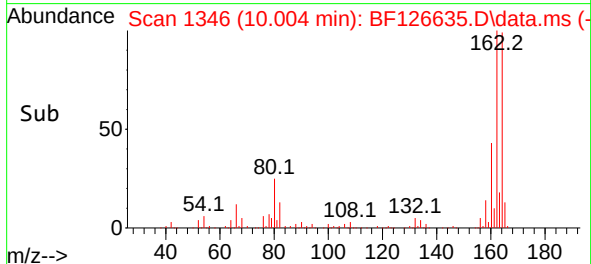
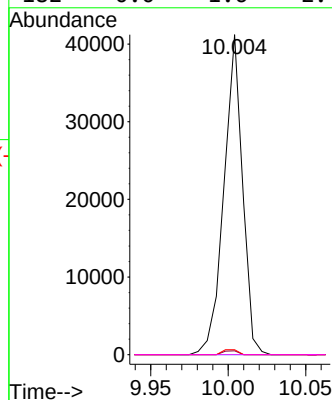
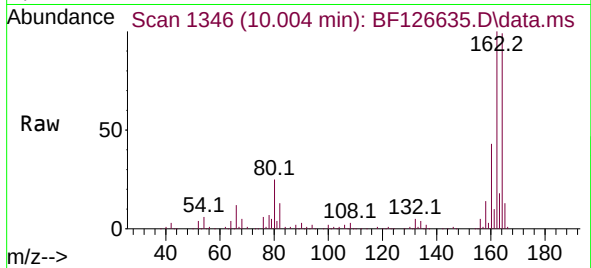




#57
2,4-Dinitrotoluene
Concen: 8.636 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126635.D
Acq: 24 Jan 2022 13:32

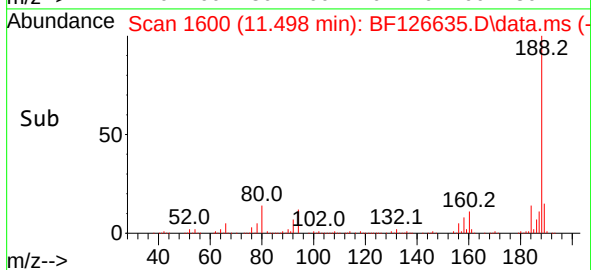
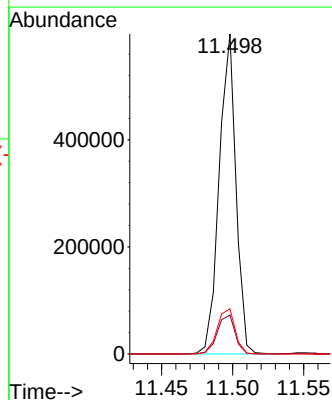
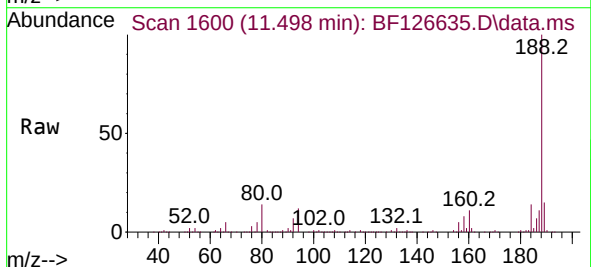
Instrument :
BNA_F
ClientSampleId :
PB142179BL

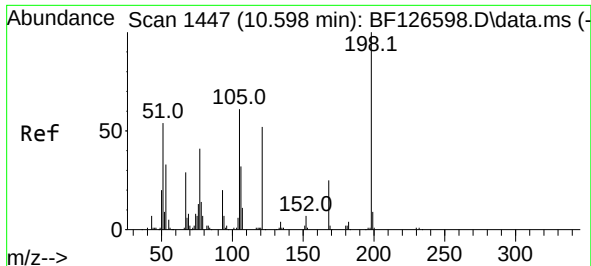
Tgt Ion:165 Resp: 34424
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 1.6 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BF126635.D
Acq: 24 Jan 2022 13:32

Tgt Ion:188 Resp: 490384
Ion Ratio Lower Upper
188 100
94 12.1 10.1 15.1
80 14.1 11.8 17.6

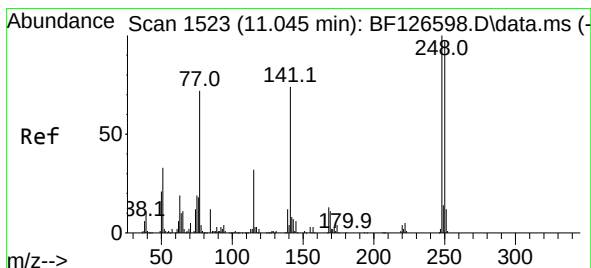
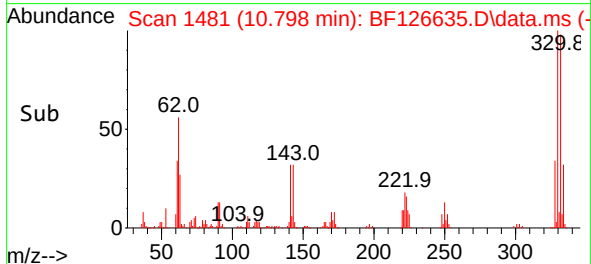
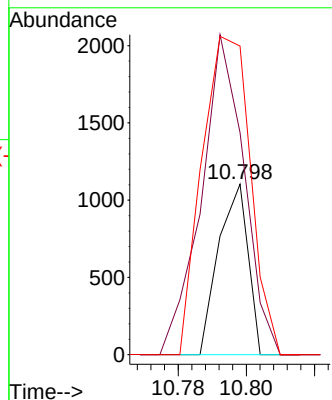
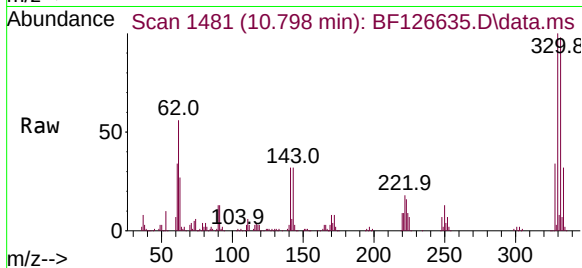




#65
4,6-Dinitro-2-methylphenol
Concen: 7.610 ng
RT: 10.798 min Scan# 1447
Delta R.T. 0.200 min
Lab File: BF126635.D
Acq: 24 Jan 2022 13:32

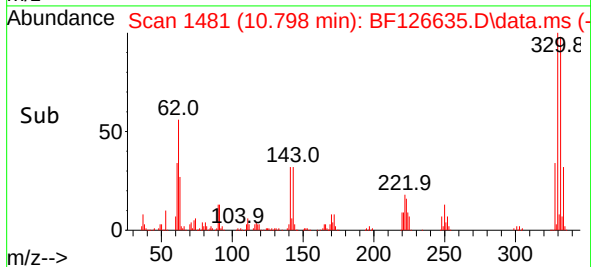
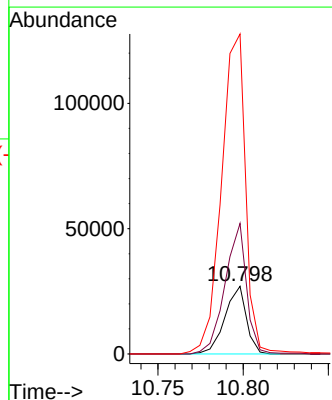
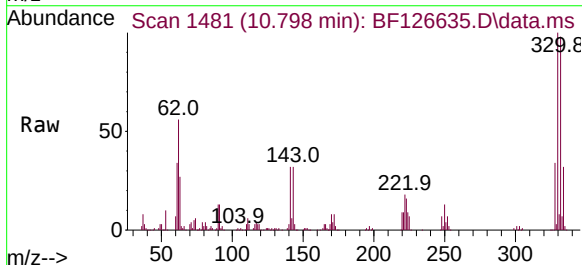
Instrument :
BNA_F
ClientSampleId :
PB142179BL

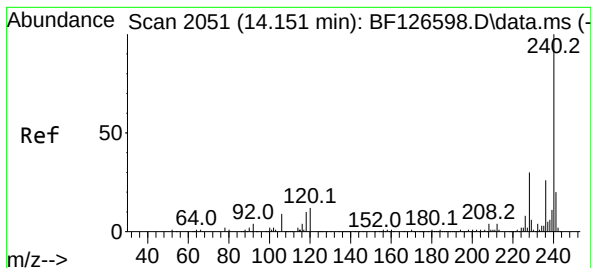
Tgt Ion:198 Resp: 661
Ion Ratio Lower Upper
198 100
51 130.2 32.0 72.0#
105 181.0 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 4.196 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.247 min
Lab File: BF126635.D
Acq: 24 Jan 2022 13:32

Tgt Ion:248 Resp: 23712
Ion Ratio Lower Upper
248 100
250 192.7 76.2 114.4#
141 472.4 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.151 min Scan# 2051

Delta R.T. 0.000 min

Lab File: BF126635.D

Acq: 24 Jan 2022 13:32

Instrument :

BNA_F

ClientSampleId :

PB142179BL

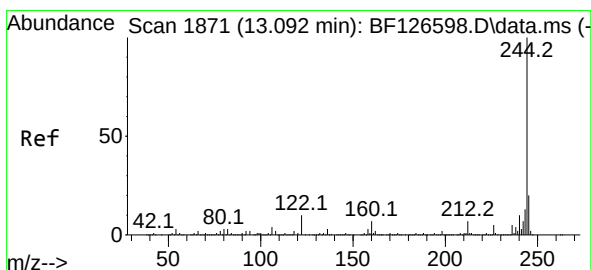
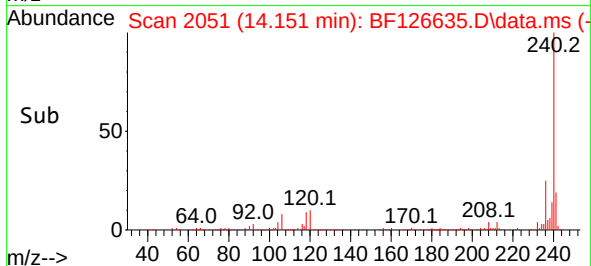
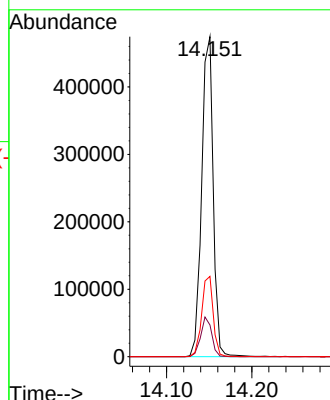
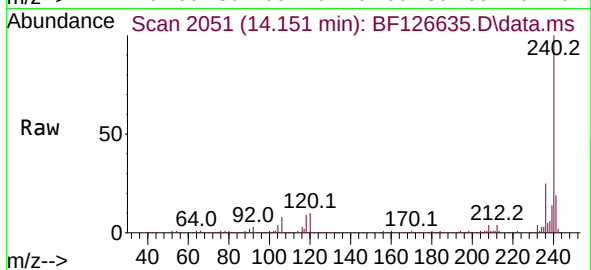
Tgt Ion:240 Resp: 445418

Ion Ratio Lower Upper

240 100

120 9.9 14.4 21.6#

236 25.1 20.5 30.7



#79

Terphenyl-d14

Concen: 71.896 ng

RT: 13.092 min Scan# 1871

Delta R.T. 0.000 min

Lab File: BF126635.D

Acq: 24 Jan 2022 13:32

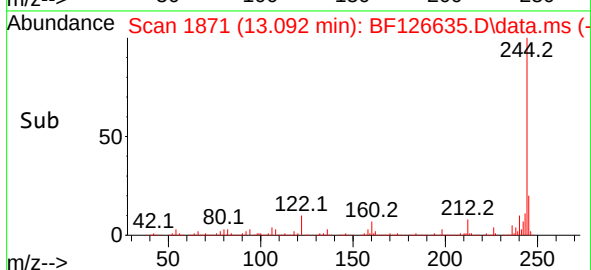
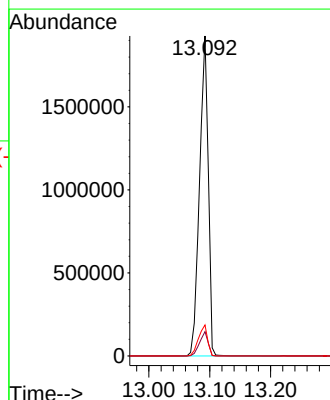
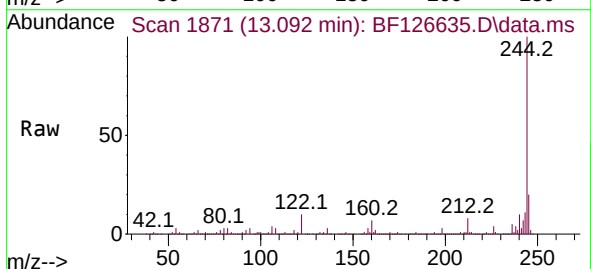
Tgt Ion:244 Resp: 1909290

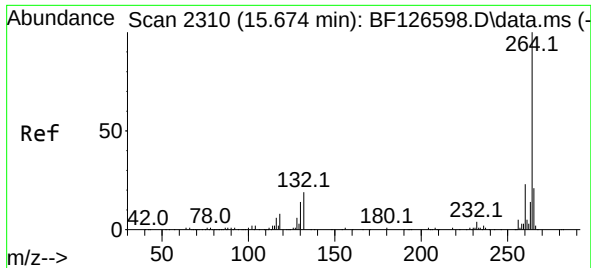
Ion Ratio Lower Upper

244 100

212 7.6 5.0 7.4#

122 9.7 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.686 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF126635.D
 Acq: 24 Jan 2022 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB142179BL

Tgt Ion:264 Resp: 353245
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.1 17.4 26.2

