

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012422\
 Data File : BF126633.D
 Acq On : 24 Jan 2022 12:38
 Operator : CG/JU
 Sample : PB142183BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142183BL

Quant Time: Jan 24 13:29:14 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)

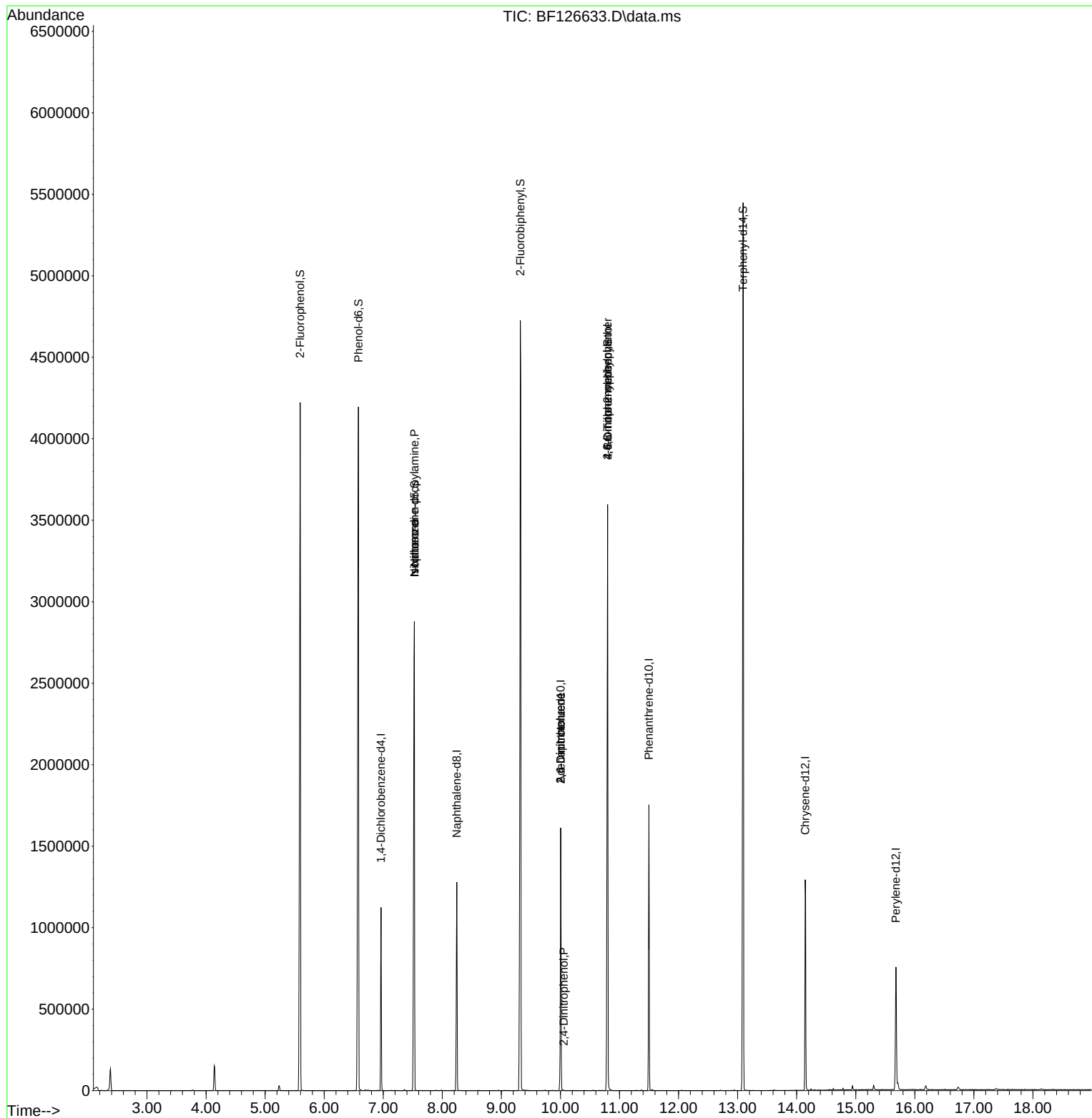
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	135758	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	536077	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	305561	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	540620	20.000	ng	0.00
76) Chrysene-d12	14.145	240	444260	20.000	ng	# 0.00
86) Perylene-d12	15.680	264	343733	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	1234380	119.648	ng	0.01
7) Phenol-d6	6.581	99	1648720	115.022	ng	0.00
23) Nitrobenzene-d5	7.528	82	1271588	92.844	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	389275	136.130	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1633848	81.890	ng	0.00
79) Terphenyl-d14	13.092	244	1982333	74.841	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	421	Below Cal	#	85
19) n-Nitroso-di-n-propyla...	7.528	70	176001	16.824	ng	# 68
25) Isophorone	7.528	82	1271428	47.868	ng	# 69
51) 2,6-Dinitrotoluene	10.004	165	39712	10.604	ng	# 21
54) 2,4-Dinitrophenol	10.057	184	393	4.188	ng	# 11
57) 2,4-Dinitrotoluene	10.004	165	39712	8.751	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.798	198	968	7.689	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	25667	4.119	ng	# 1

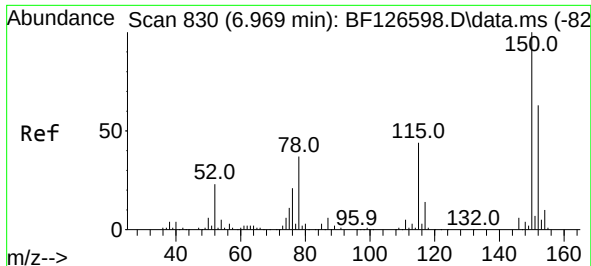
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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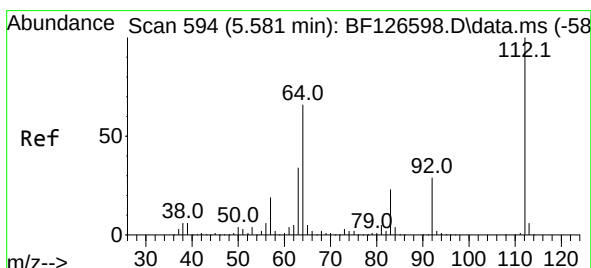
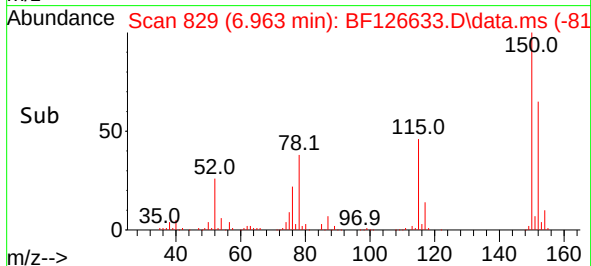
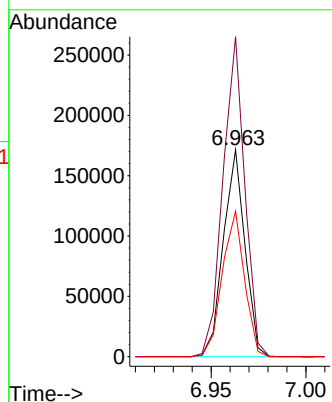
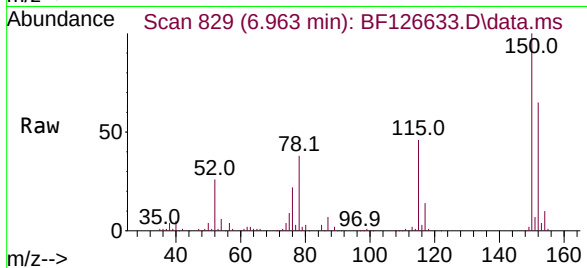




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126633.D
Acq: 24 Jan 2022 12:38

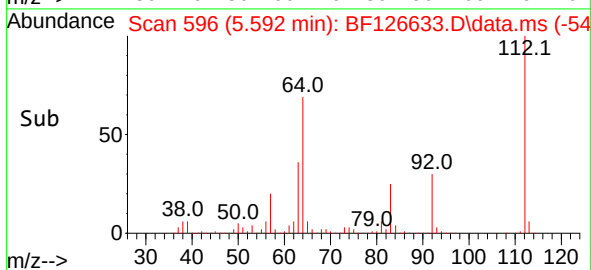
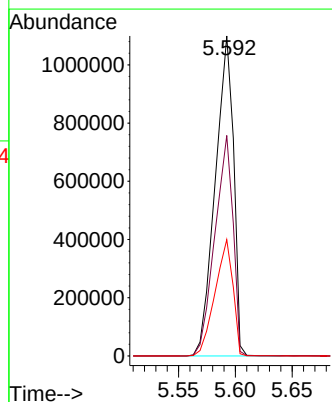
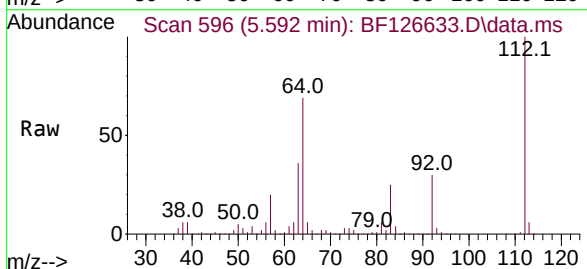
Instrument :
BNA_F
ClientSampleId :
PB142183BL

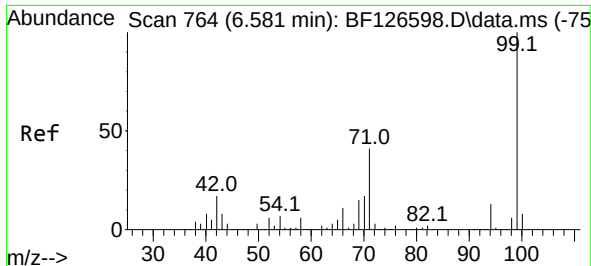
Tgt Ion:152 Resp: 135758
Ion Ratio Lower Upper
152 100
150 154.6 128.1 192.1
115 70.4 56.7 85.1



#5
2-Fluorophenol
Concen: 119.648 ng
RT: 5.592 min Scan# 596
Delta R.T. 0.012 min
Lab File: BF126633.D
Acq: 24 Jan 2022 12:38

Tgt Ion:112 Resp: 1234380
Ion Ratio Lower Upper
112 100
64 68.9 49.5 74.3
63 36.4 23.9 35.9#

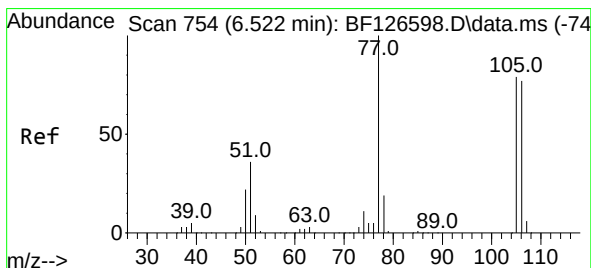
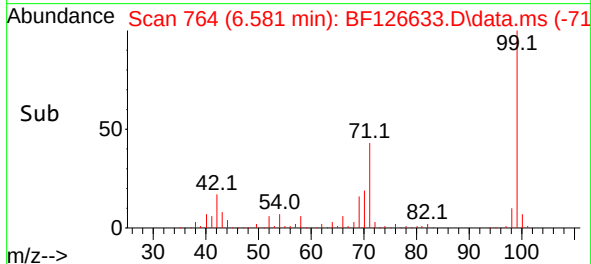
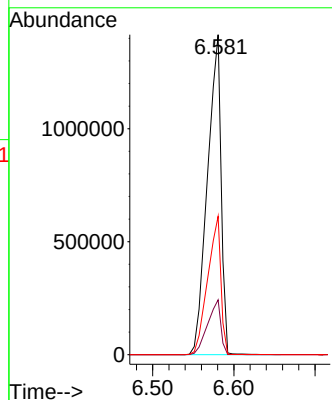
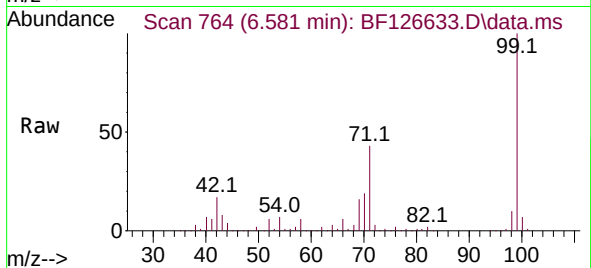




#7
Phenol-d6
Concen: 115.022 ng
RT: 6.581 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF126633.D
Acq: 24 Jan 2022 12:38

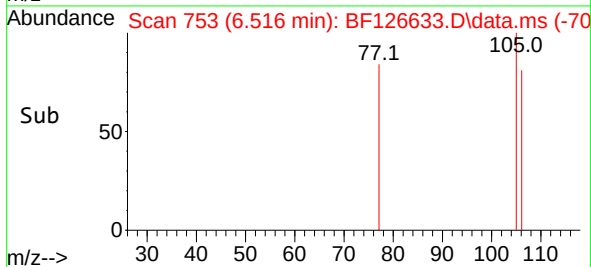
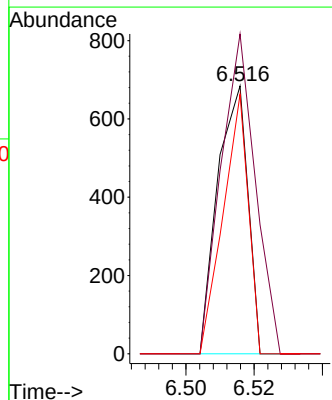
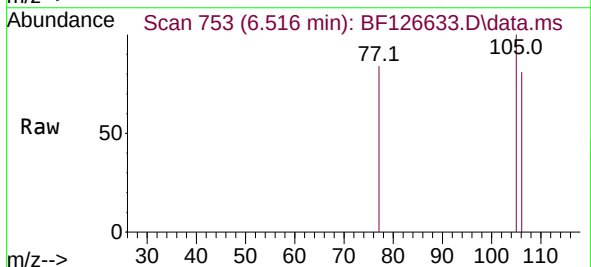
Instrument :
BNA_F
ClientSampleId :
PB142183BL

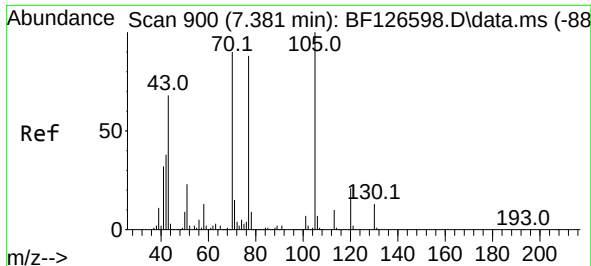
Tgt Ion: 99 Resp: 1648720
Ion Ratio Lower Upper
99 100
42 17.2 14.2 21.4
71 43.2 24.3 36.5#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF126633.D
Acq: 24 Jan 2022 12:38

Tgt Ion: 77 Resp: 421
Ion Ratio Lower Upper
77 100
105 119.4 74.9 114.9#
106 96.9 72.4 112.4

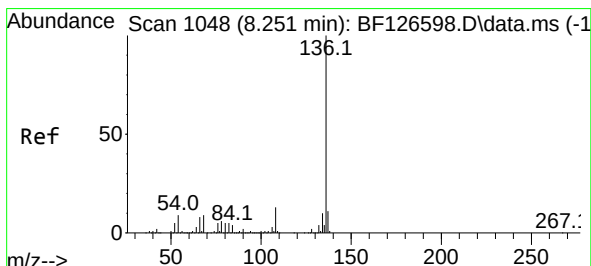
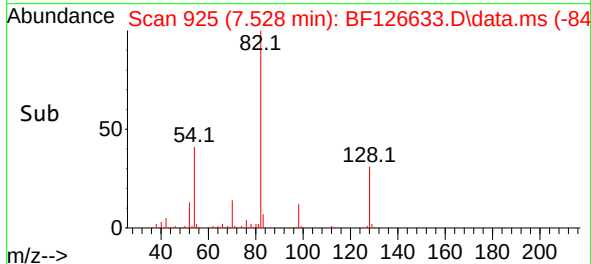
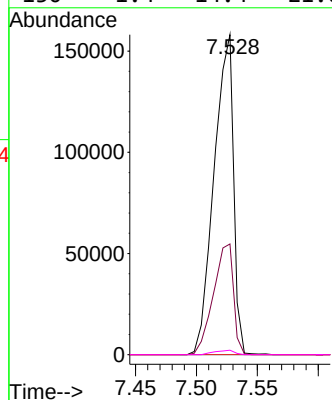
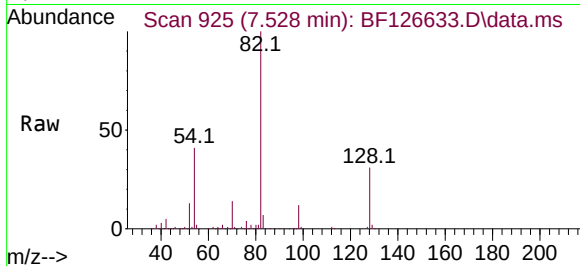




#19
n-Nitroso-di-n-propylamine
Concen: 16.824 ng
RT: 7.528 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF126633.D
Acq: 24 Jan 2022 12:38

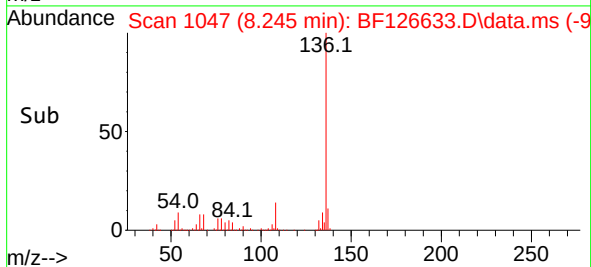
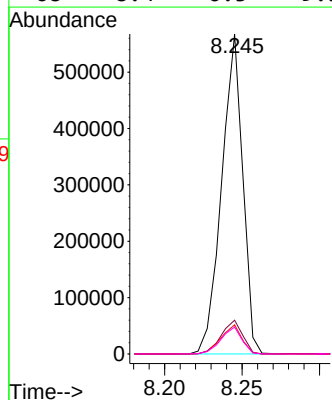
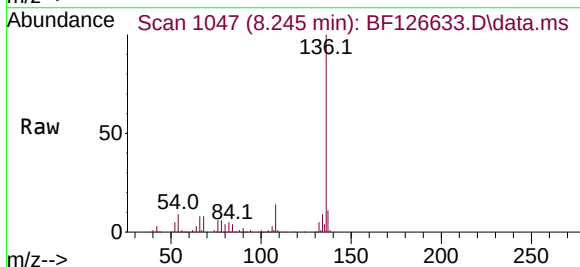
Instrument :
BNA_F
ClientSampleId :
PB142183BL

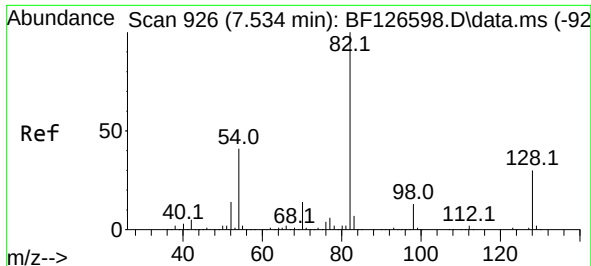
Tgt Ion: 70 Resp: 176001
Ion Ratio Lower Upper
70 100
42 34.6 45.8 68.8#
101 0.0 6.9 10.3#
130 1.4 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126633.D
Acq: 24 Jan 2022 12:38

Tgt Ion: 136 Resp: 536077
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 9.1 7.8 11.6
68 8.4 6.3 9.5





#23

Nitrobenzene-d5

Concen: 92.844 ng

RT: 7.528 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF126633.D

Acq: 24 Jan 2022 12:38

Instrument :

BNA_F

ClientSampleId :

PB142183BL

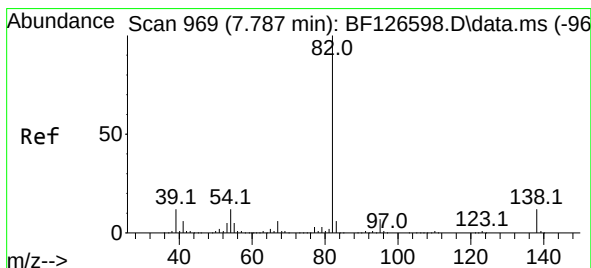
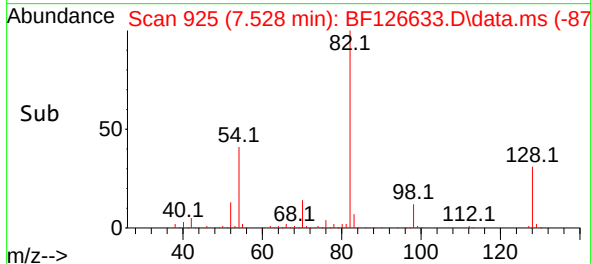
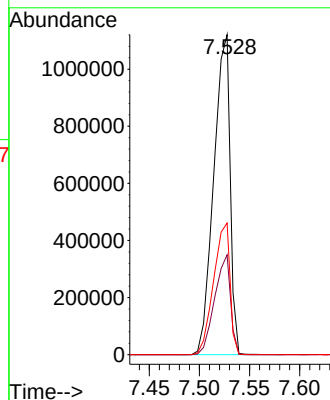
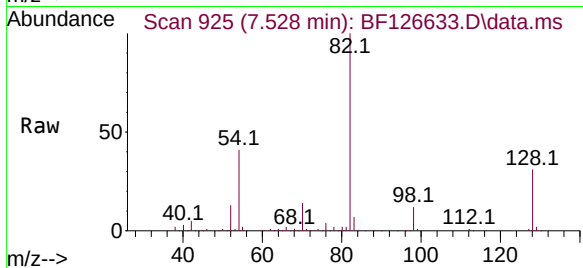
Tgt Ion: 82 Resp: 1271588

Ion Ratio Lower Upper

82 100

128 31.2 32.7 49.1#

54 41.2 41.7 62.5#



#25

Isophorone

Concen: 47.868 ng

RT: 7.528 min Scan# 925

Delta R.T. -0.259 min

Lab File: BF126633.D

Acq: 24 Jan 2022 12:38

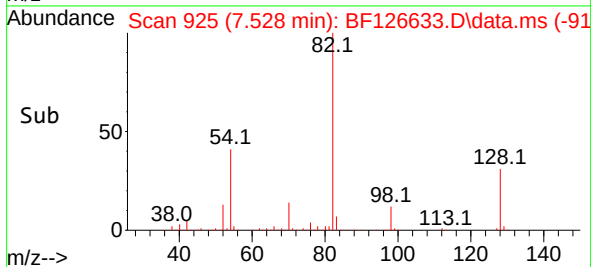
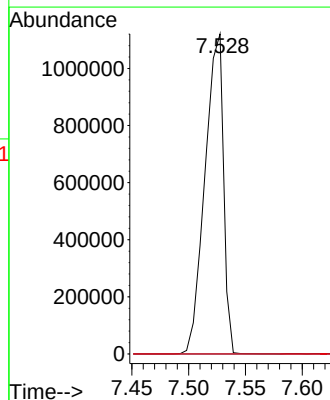
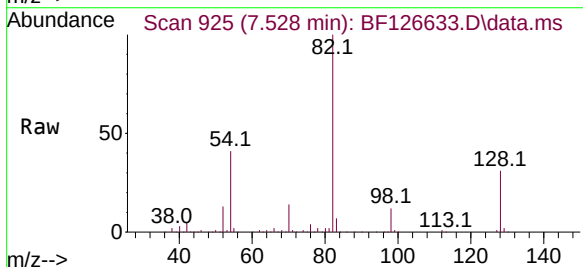
Tgt Ion: 82 Resp: 1271428

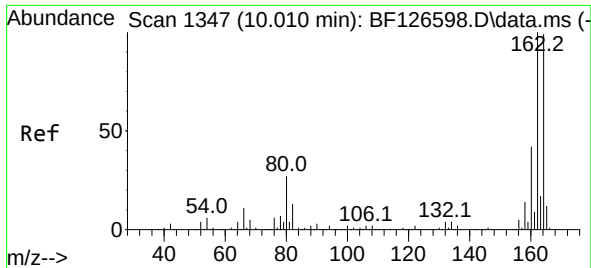
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#

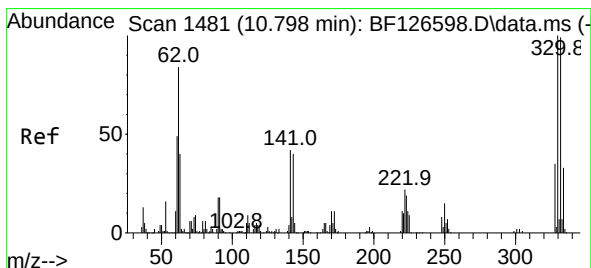
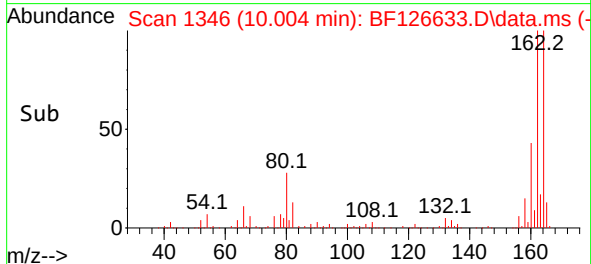
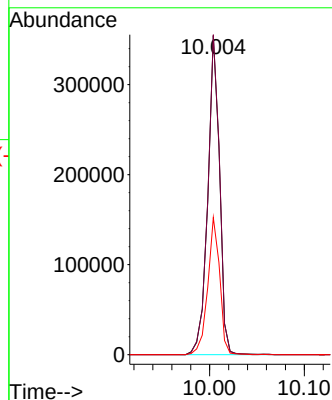
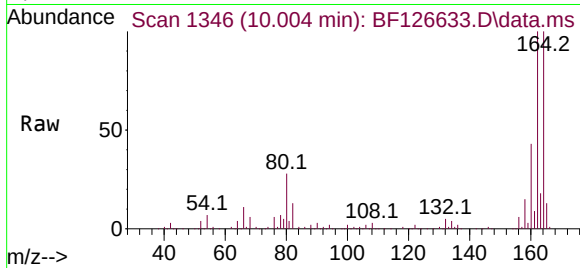




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126633.D
Acq: 24 Jan 2022 12:38

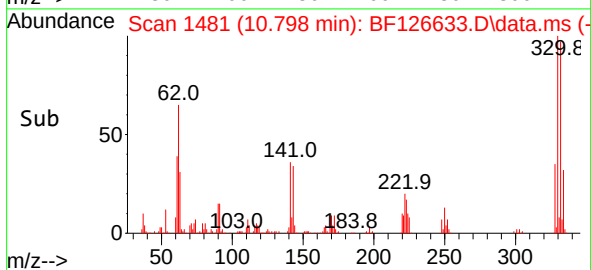
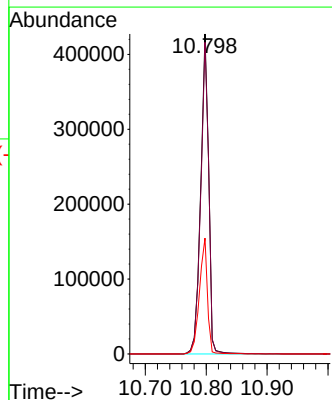
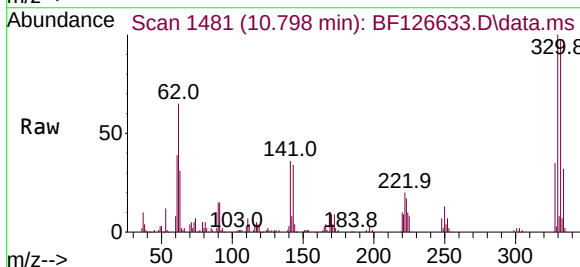
Instrument :
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PB142183BL

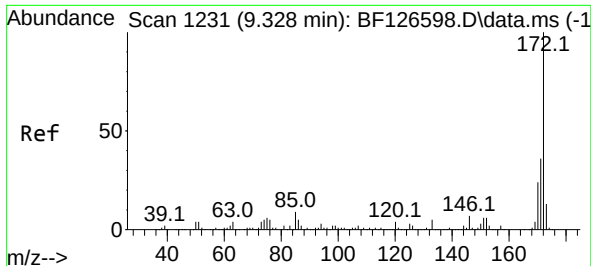
Tgt Ion:164 Resp: 305561
Ion Ratio Lower Upper
164 100
162 100.3 81.4 122.0
160 43.0 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 136.130 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BF126633.D
Acq: 24 Jan 2022 12:38

Tgt Ion:330 Resp: 389275
Ion Ratio Lower Upper
330 100
332 97.9 76.0 114.0
141 36.5 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 81.890 ng

RT: 9.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126633.D

Acq: 24 Jan 2022 12:38

Instrument :

BNA_F

ClientSampleId :

PB142183BL

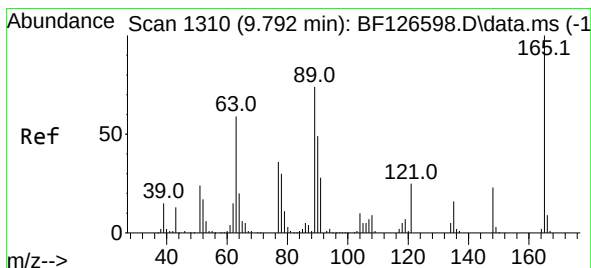
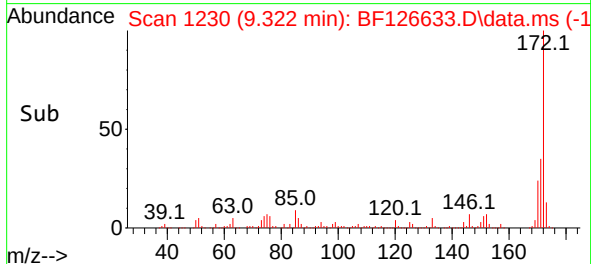
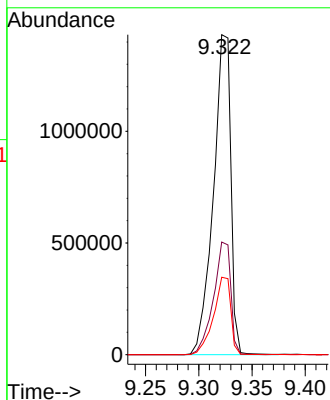
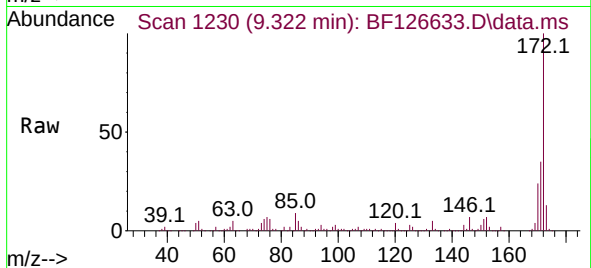
Tgt Ion:172 Resp: 1633848

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 24.2 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.604 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.212 min

Lab File: BF126633.D

Acq: 24 Jan 2022 12:38

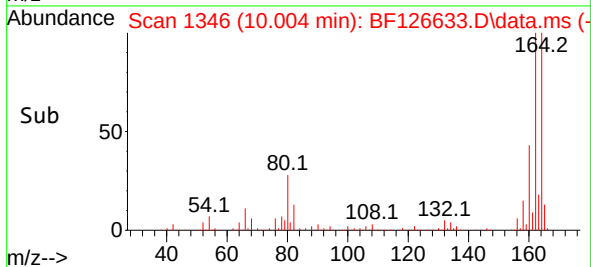
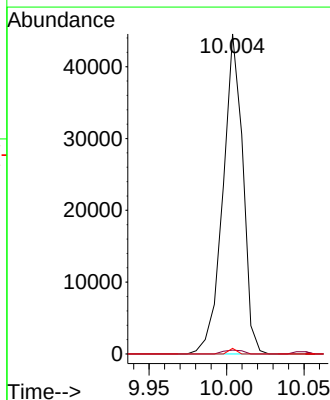
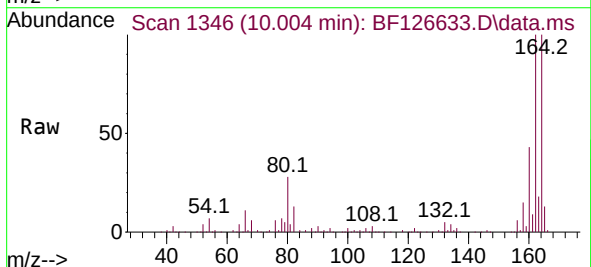
Tgt Ion:165 Resp: 39712

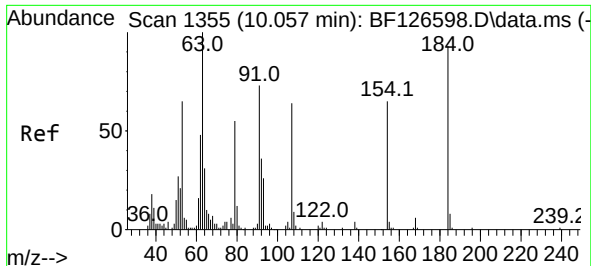
Ion Ratio Lower Upper

165 100

63 1.2 48.4 72.6#

89 1.8 50.5 75.7#

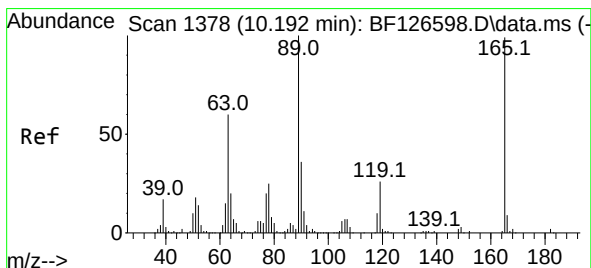
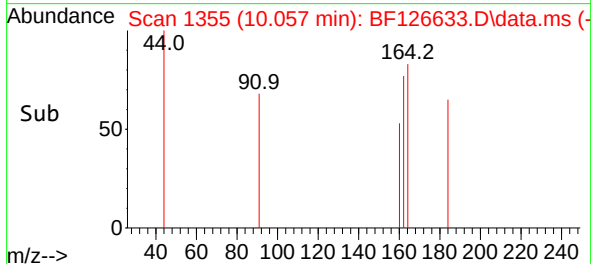
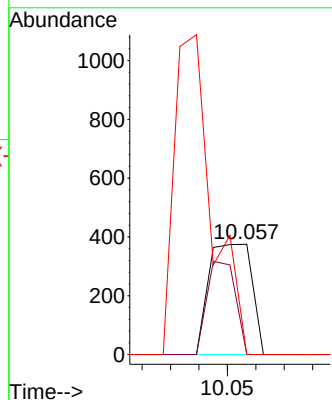
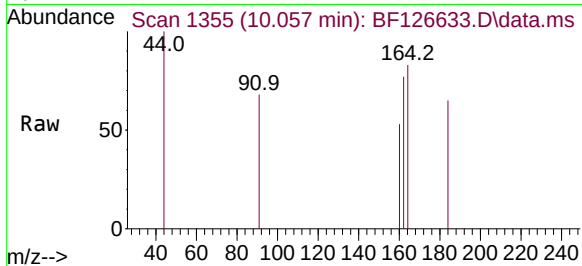




#54
2,4-Dinitrophenol
Concen: 4.188 ng
RT: 10.057 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126633.D
Acq: 24 Jan 2022 12:38

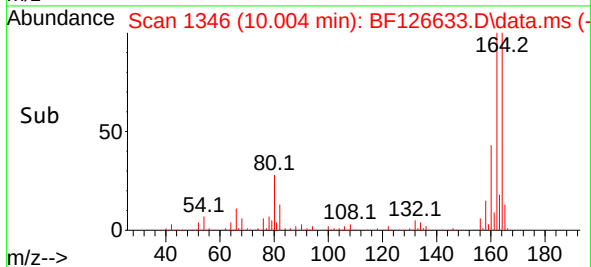
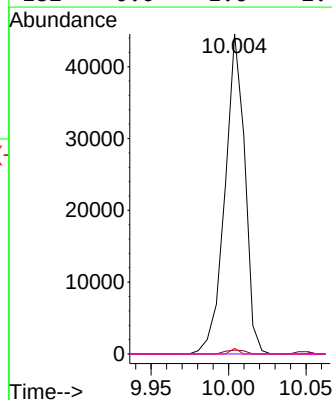
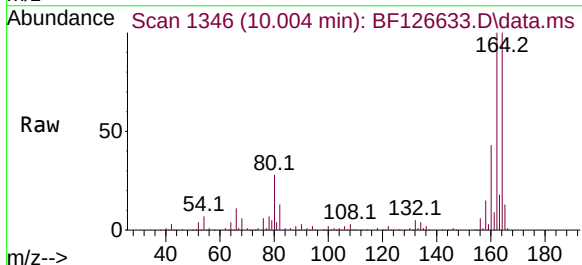
Instrument :
BNA_F
ClientSampleId :
PB142183BL

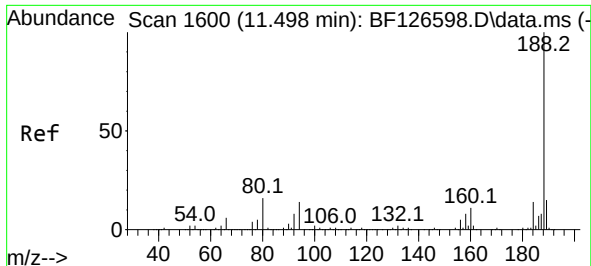
Tgt Ion:184 Resp: 393
Ion Ratio Lower Upper
184 100
63 0.0 70.4 105.6#
154 0.0 49.7 74.5#



#57
2,4-Dinitrotoluene
Concen: 8.751 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.188 min
Lab File: BF126633.D
Acq: 24 Jan 2022 12:38

Tgt Ion:165 Resp: 39712
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 1.8 71.0 106.4#
182 0.0 1.6 2.4#

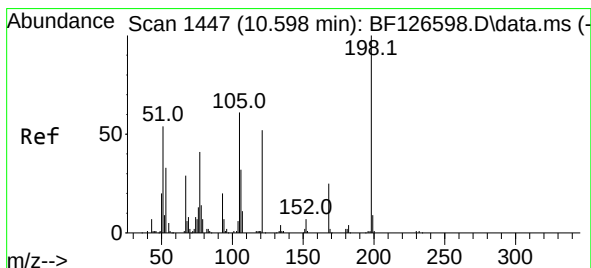
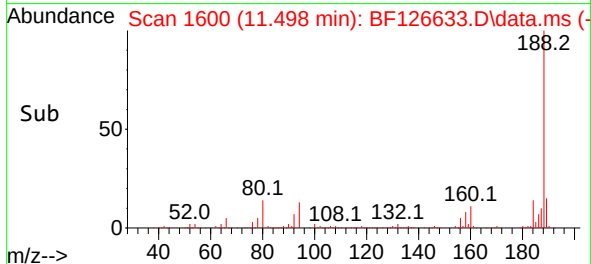
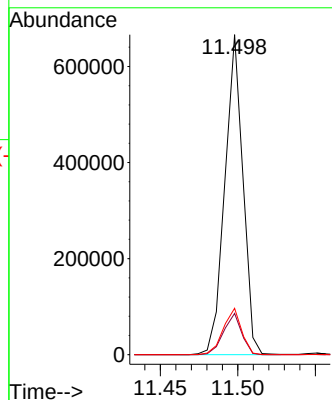
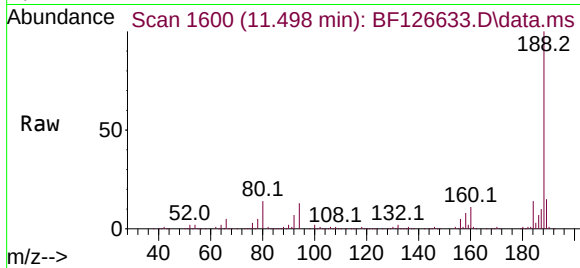




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF126633.D
Acq: 24 Jan 2022 12:38

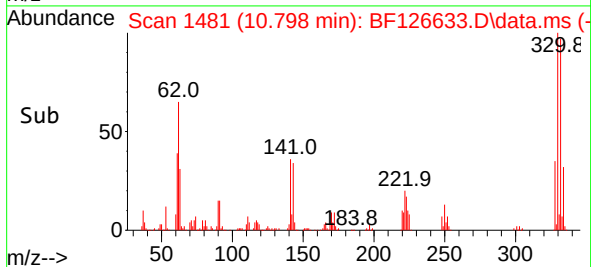
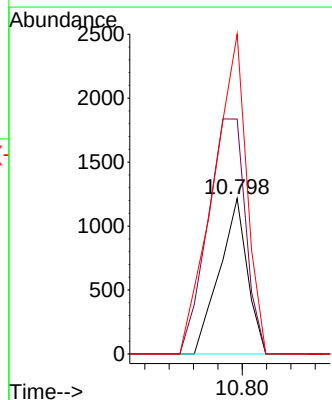
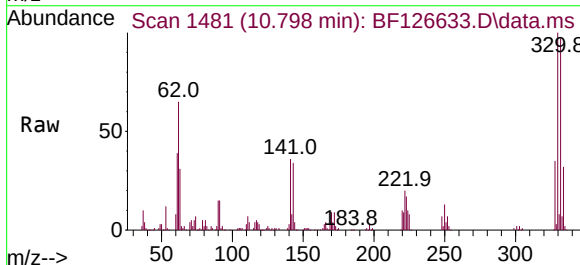
Instrument :
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ClientSampleId :
PB142183BL

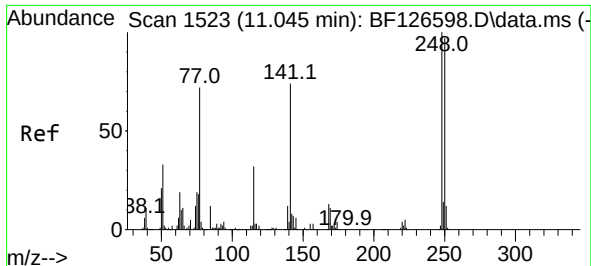
Tgt Ion:188 Resp: 540620
Ion Ratio Lower Upper
188 100
94 12.9 10.1 15.1
80 14.5 11.8 17.6



#65
4,6-Dinitro-2-methylphenol
Concen: 7.689 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.200 min
Lab File: BF126633.D
Acq: 24 Jan 2022 12:38

Tgt Ion:198 Resp: 968
Ion Ratio Lower Upper
198 100
51 151.0 32.0 72.0#
105 205.8 32.7 72.7#

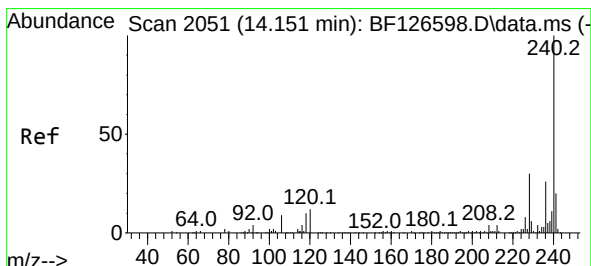
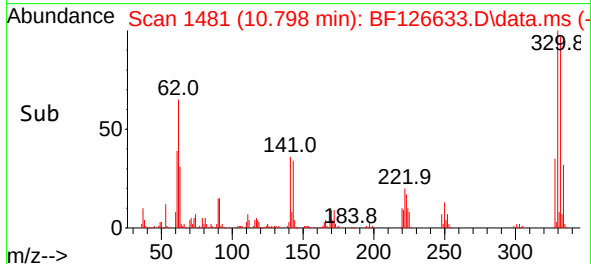
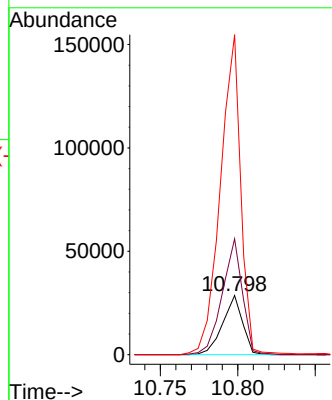
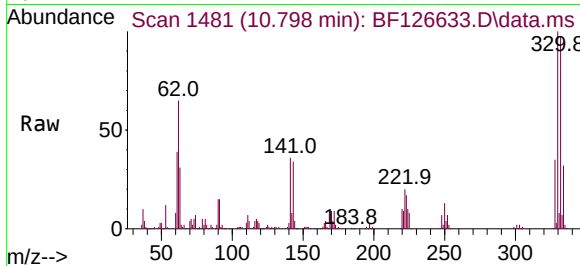




#67
4-Bromophenyl-phenylether
Concen: 4.119 ng
RT: 10.798 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF126633.D
Acq: 24 Jan 2022 12:38

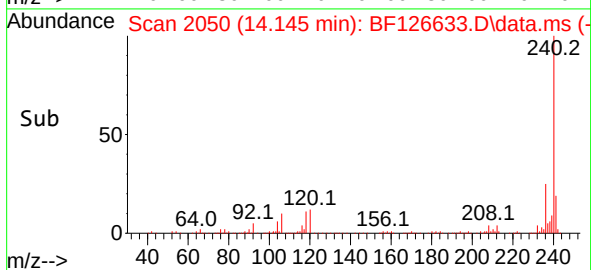
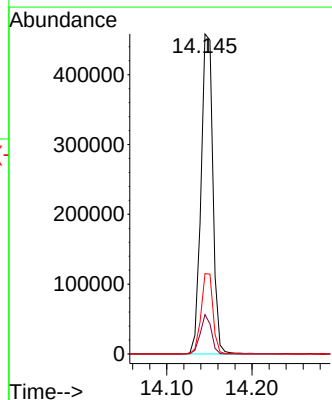
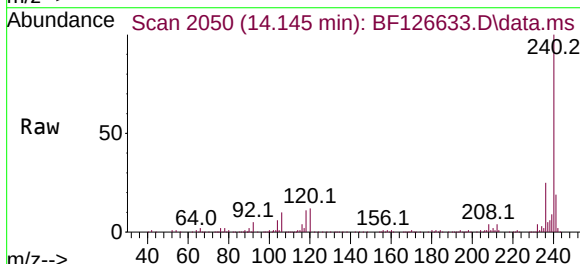
Instrument :
BNA_F
ClientSampleId :
PB142183BL

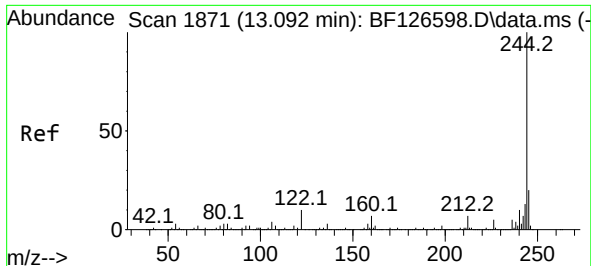
Tgt Ion:248 Resp: 25667
Ion Ratio Lower Upper
248 100
250 195.4 76.2 114.4#
141 539.9 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF126633.D
Acq: 24 Jan 2022 12:38

Tgt Ion:240 Resp: 444260
Ion Ratio Lower Upper
240 100
120 12.3 14.4 21.6#
236 25.1 20.5 30.7

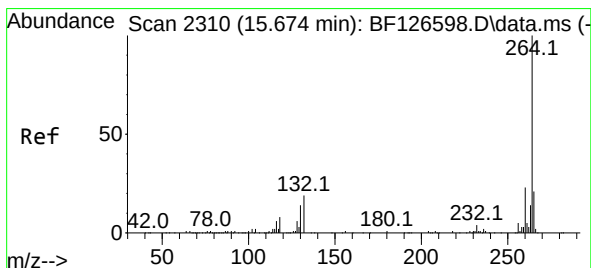
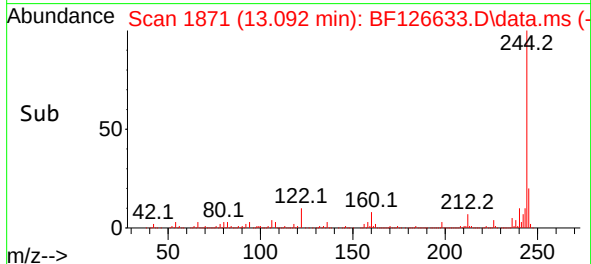
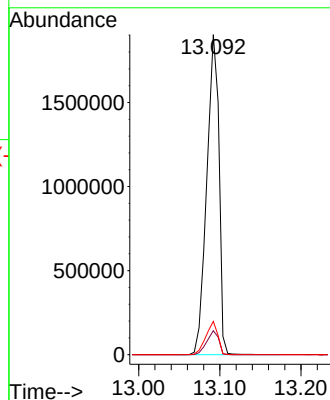
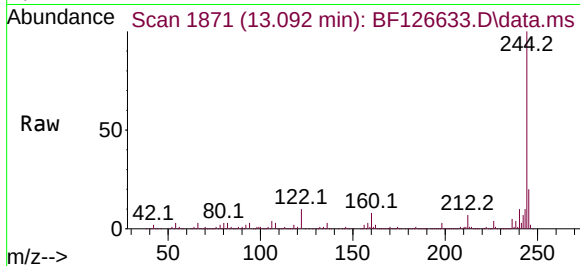




#79
 Terphenyl-d14
 Concen: 74.841 ng
 RT: 13.092 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF126633.D
 Acq: 24 Jan 2022 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB142183BL

Tgt Ion:244 Resp: 1982333
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.0 7.4#
 122 10.4 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.680 min Scan# 2311
 Delta R.T. 0.006 min
 Lab File: BF126633.D
 Acq: 24 Jan 2022 12:38

Tgt Ion:264 Resp: 343733
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 20.9 17.4 26.2

