

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012422\
 Data File : BF126639.D
 Acq On : 24 Jan 2022 15:23
 Operator : CG/JU
 Sample : N1215-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 31460

Quant Time: Jan 25 03:12:51 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)

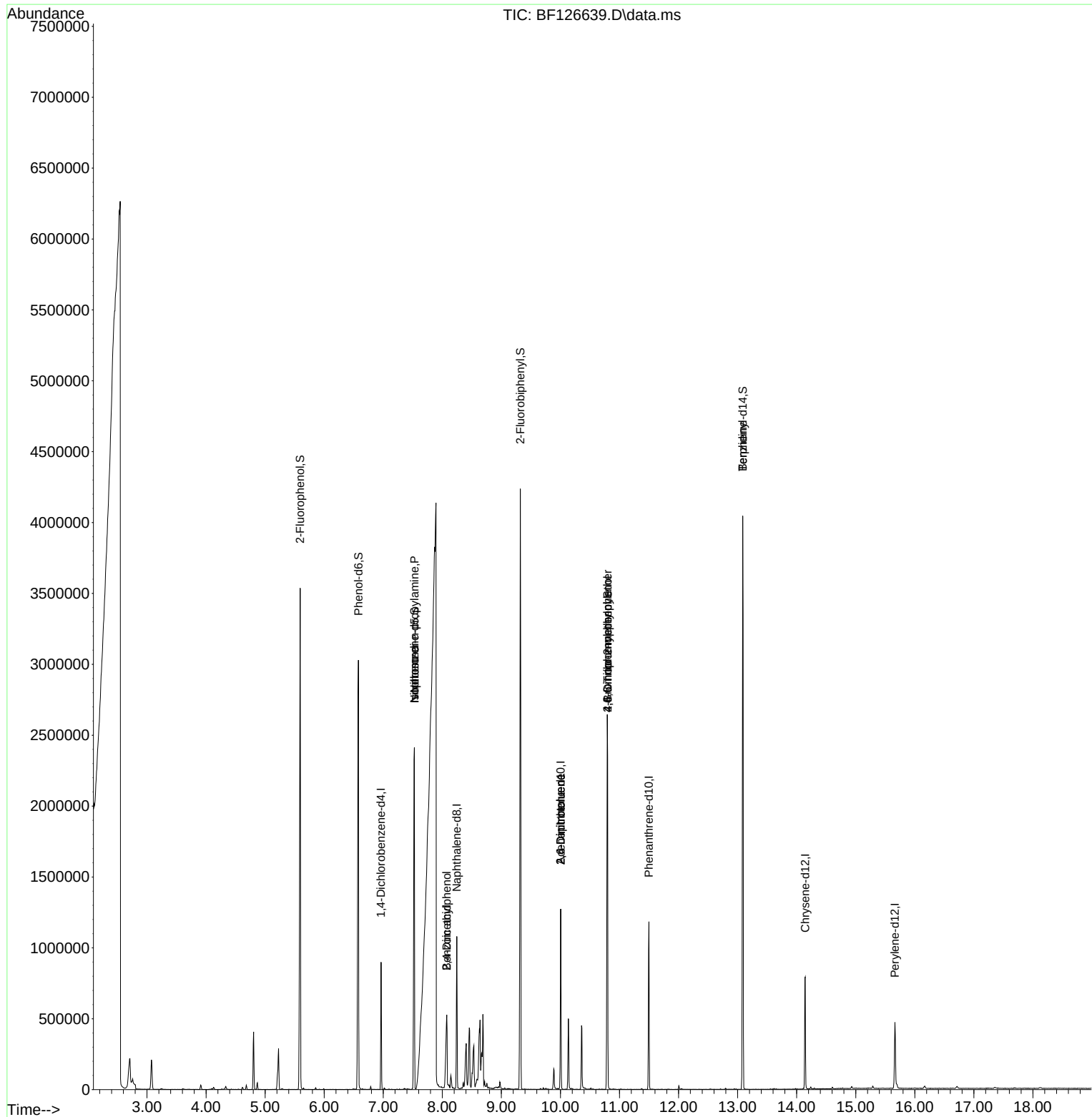
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	102613	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	402323	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	224340	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	388387	20.000	ng	0.00
76) Chrysene-d12	14.145	240	278190	20.000	ng	# 0.00
86) Perylene-d12	15.662	264	219193	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	901516	115.610	ng	0.01
7) Phenol-d6	6.581	99	1130894	104.381	ng	0.00
23) Nitrobenzene-d5	7.528	82	966573	94.036	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	282032	134.335	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1215418	82.973	ng	0.00
79) Terphenyl-d14	13.086	244	1371959	82.718	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	591	Below Cal	#	33
19) n-Nitroso-di-n-propyla...	7.528	70	133575	16.892	ng	# 69
25) Isophorone	7.528	82	966553	48.488	ng	# 69
27) 2,4-Dimethylphenol	8.075	122	126480	19.255	ng	# 5
32) Benzoic acid	8.075	122	126480	33.943	ng	# 66
51) 2,6-Dinitrotoluene	10.004	165	28158	10.241	ng	# 22
57) 2,4-Dinitrotoluene	10.004	165	28158	8.451	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.798	198	805	7.739	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	19127	4.273	ng	# 1
77) Benzidine	13.086	184	19350	2.016	ng	# 89

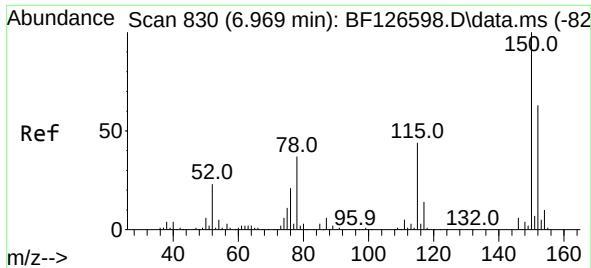
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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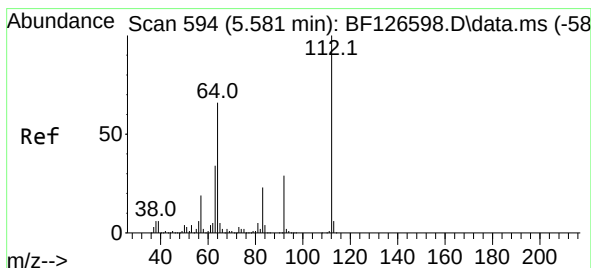
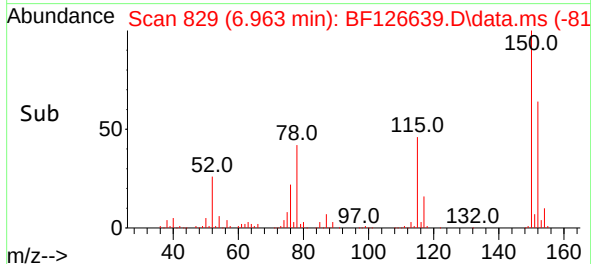
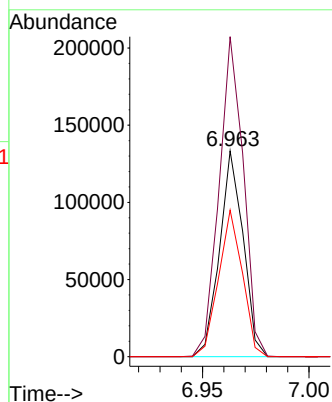
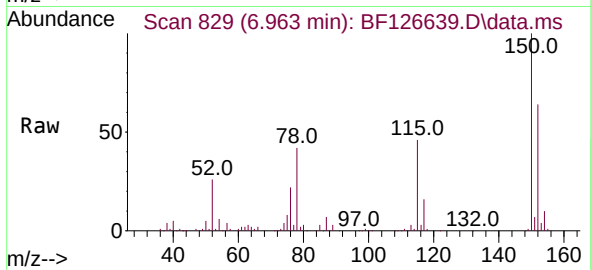




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126639.D
Acq: 24 Jan 2022 15:23

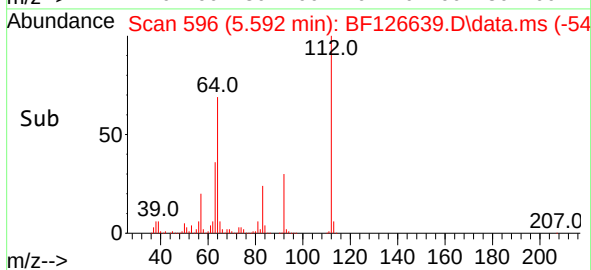
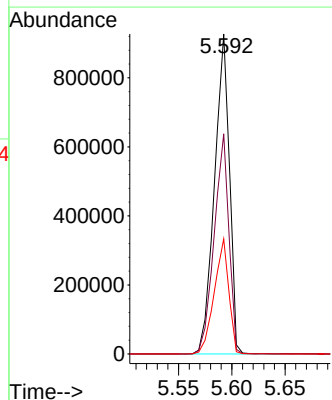
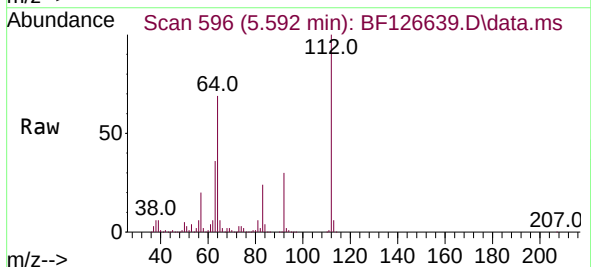
Instrument :
BNA_F
ClientSampleId :
31460

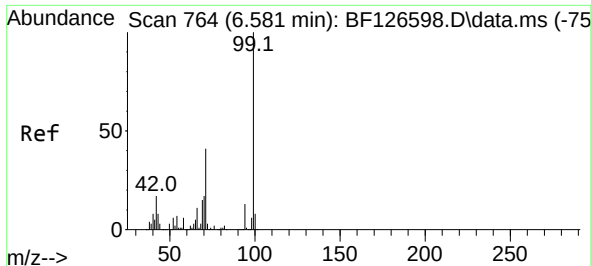
Tgt Ion:152 Resp: 102613
Ion Ratio Lower Upper
152 100
150 155.5 128.1 192.1
115 71.3 56.7 85.1



#5
2-Fluorophenol
Concen: 115.610 ng
RT: 5.592 min Scan# 596
Delta R.T. 0.012 min
Lab File: BF126639.D
Acq: 24 Jan 2022 15:23

Tgt Ion:112 Resp: 901516
Ion Ratio Lower Upper
112 100
64 68.8 49.5 74.3
63 35.9 23.9 35.9#

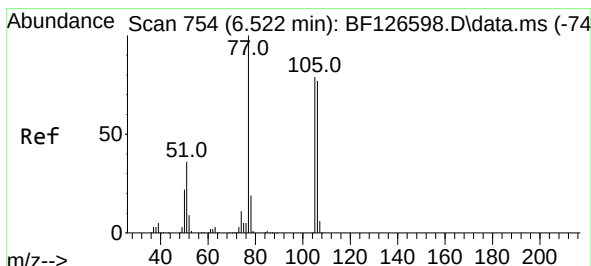
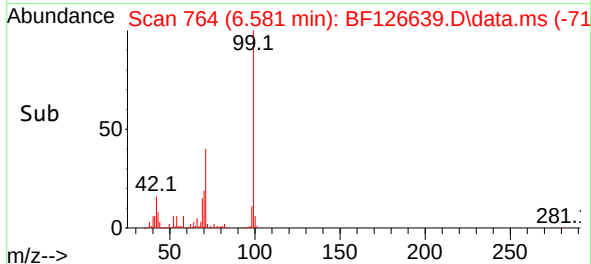
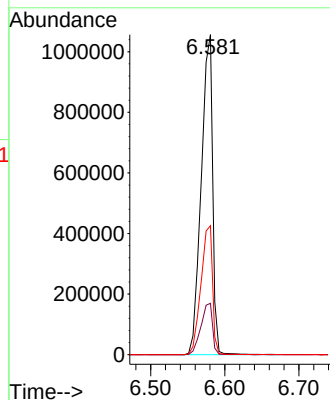
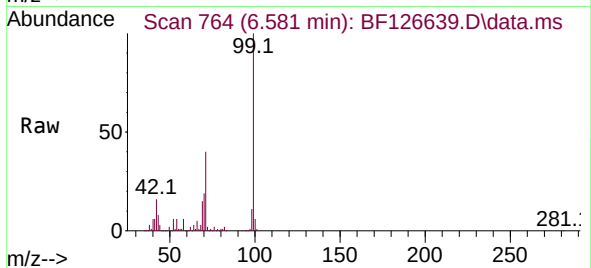




#7
Phenol-d6
Concen: 104.381 ng
RT: 6.581 min Scan# 701
Delta R.T. -0.000 min
Lab File: BF126639.D
Acq: 24 Jan 2022 15:23

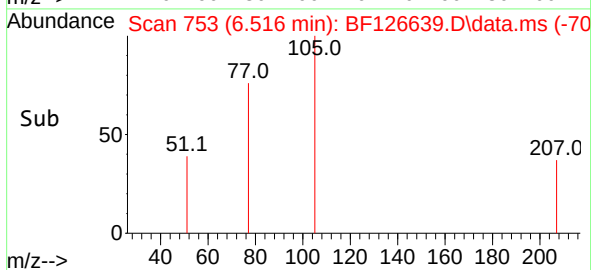
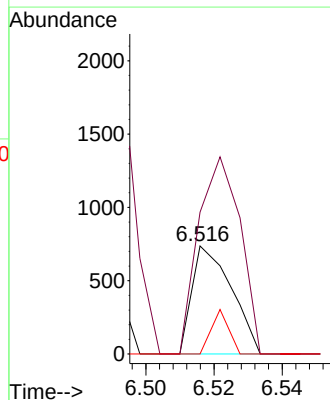
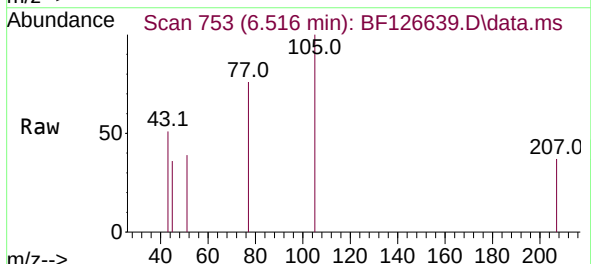
Instrument :
BNA_F
ClientSampleId :
31460

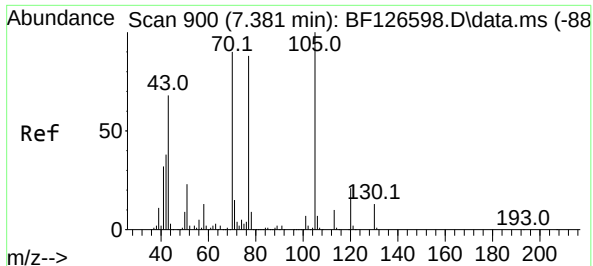
Tgt Ion: 99 Resp: 1130894
Ion Ratio Lower Upper
99 100
42 16.1 14.2 21.4
71 40.3 24.3 36.5#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF126639.D
Acq: 24 Jan 2022 15:23

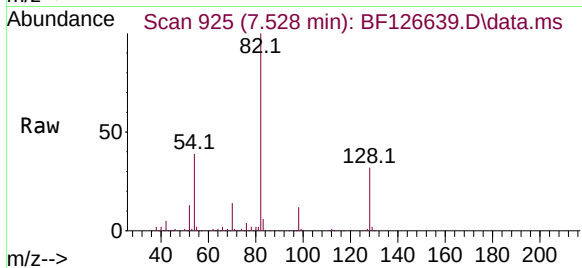
Tgt Ion: 77 Resp: 591
Ion Ratio Lower Upper
77 100
105 131.2 74.9 114.9#
106 0.0 72.4 112.4#



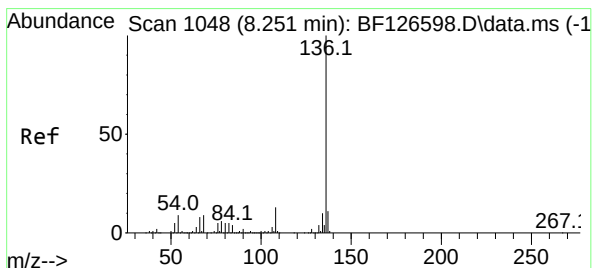
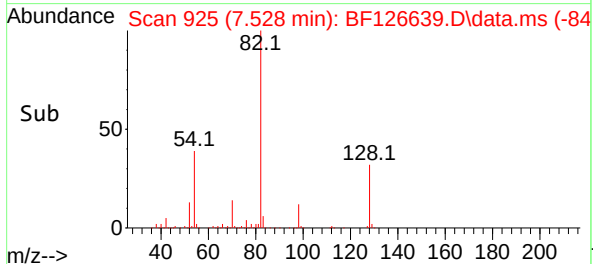
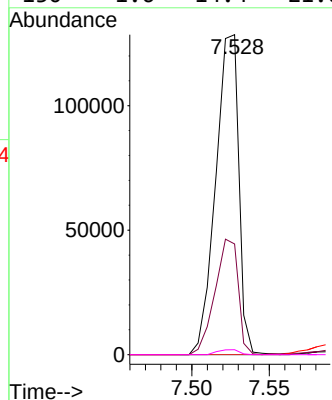


#19
n-Nitroso-di-n-propylamine
Concen: 16.892 ng
RT: 7.528 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF126639.D
Acq: 24 Jan 2022 15:23

Instrument :
BNA_F
ClientSampleId :
31460

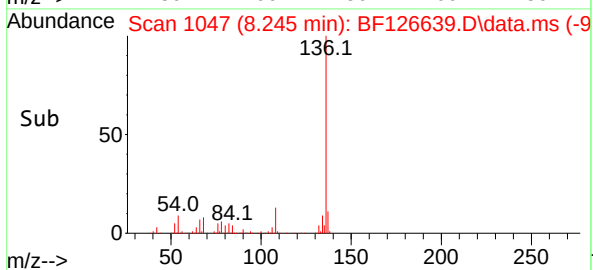
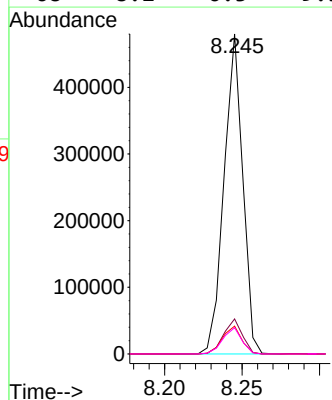
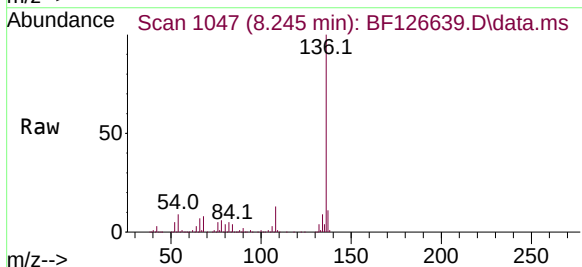


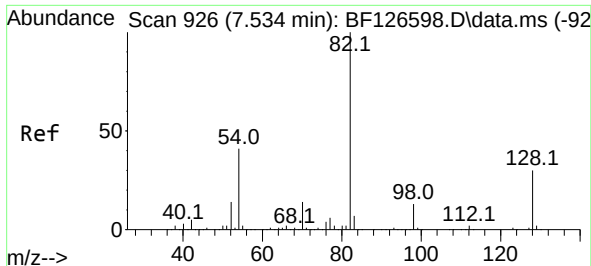
Tgt Ion: 70 Resp: 133575
Ion Ratio Lower Upper
70 100
42 34.6 45.8 68.8#
101 0.0 6.9 10.3#
130 1.6 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126639.D
Acq: 24 Jan 2022 15:23

Tgt Ion: 136 Resp: 402323
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.7 7.8 11.6
68 8.2 6.3 9.5

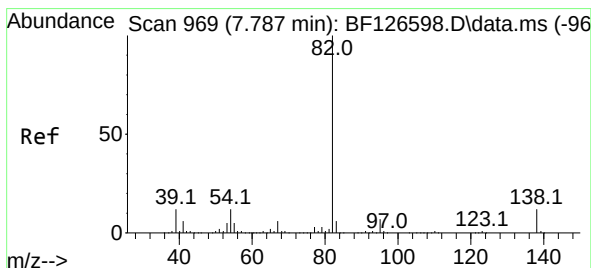
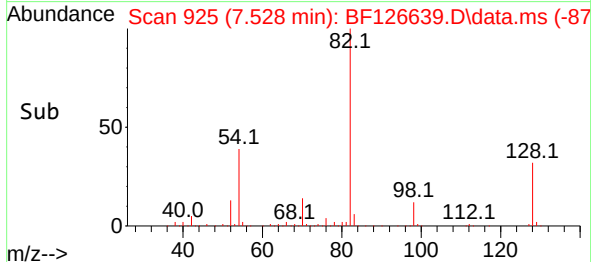
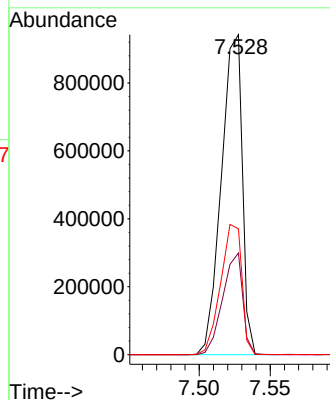
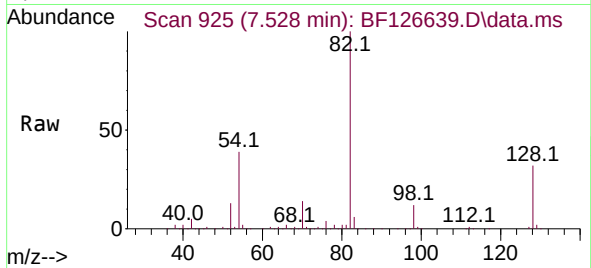




#23
Nitrobenzene-d5
Concen: 94.036 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126639.D
Acq: 24 Jan 2022 15:23

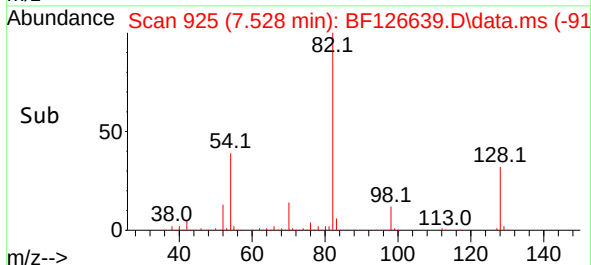
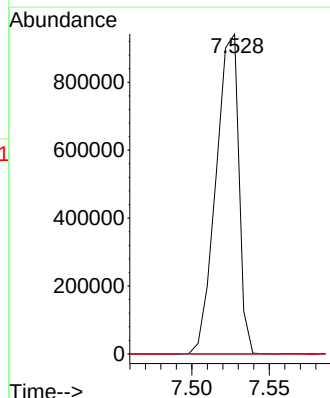
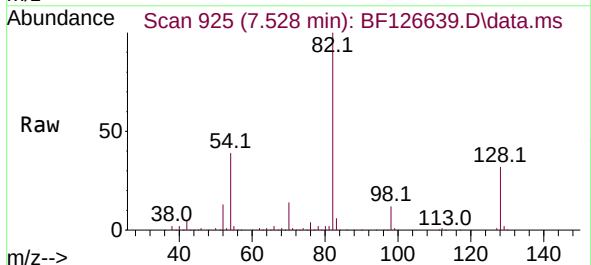
Instrument :
BNA_F
ClientSampleId :
31460

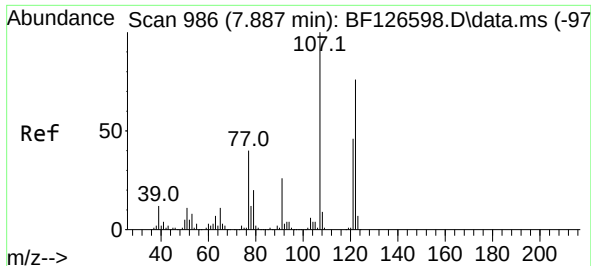
Tgt Ion: 82 Resp: 966573
Ion Ratio Lower Upper
82 100
128 31.8 32.7 49.1#
54 39.3 41.7 62.5#



#25
Isophorone
Concen: 48.488 ng
RT: 7.528 min Scan# 925
Delta R.T. -0.259 min
Lab File: BF126639.D
Acq: 24 Jan 2022 15:23

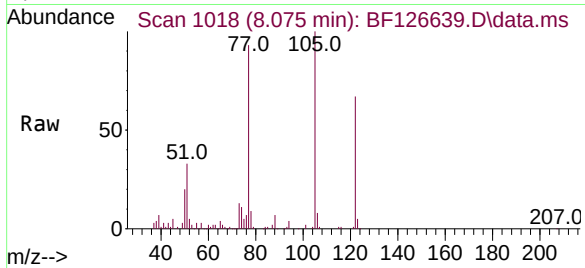
Tgt Ion: 82 Resp: 966553
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



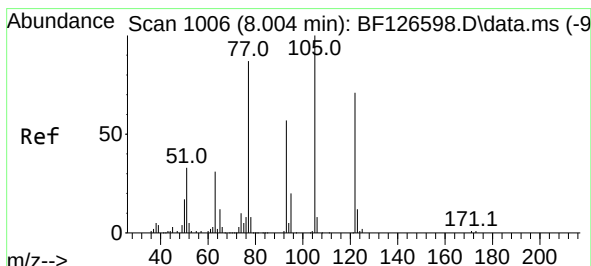
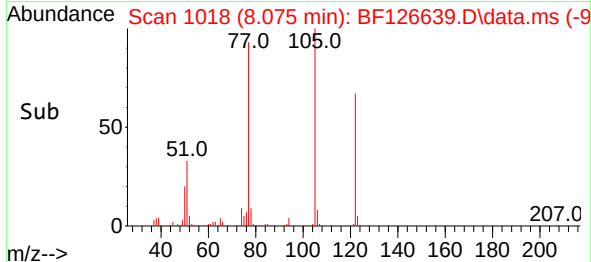
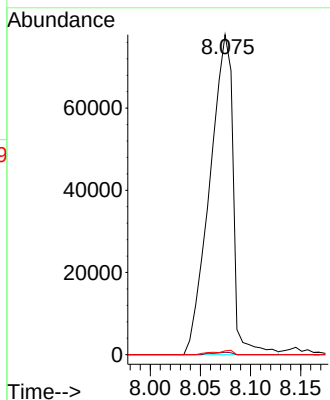


#27
2,4-Dimethylphenol
Concen: 19.255 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.188 min
Lab File: BF126639.D
Acq: 24 Jan 2022 15:23

Instrument :
BNA_F
ClientSampleId :
31460

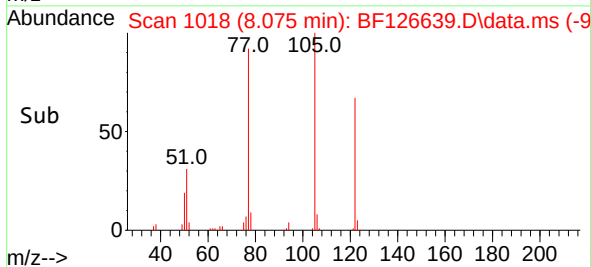
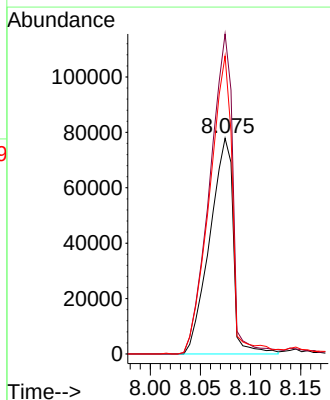
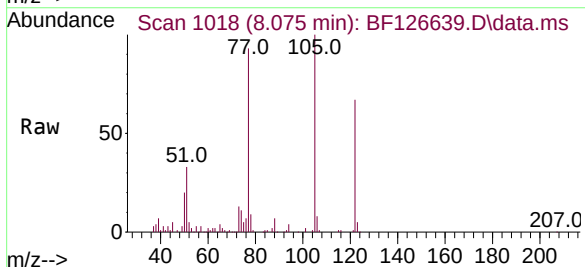


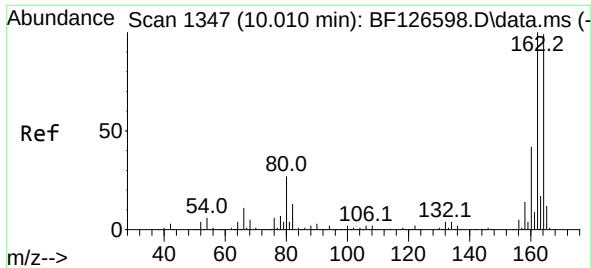
Tgt Ion:122 Resp: 126480
Ion Ratio Lower Upper
122 100
107 0.8 91.2 136.8#
121 1.2 44.4 66.6#



#32
Benzoic acid
Concen: 33.943 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.071 min
Lab File: BF126639.D
Acq: 24 Jan 2022 15:23

Tgt Ion:122 Resp: 126480
Ion Ratio Lower Upper
122 100
105 148.4 101.0 141.0#
77 138.2 74.5 114.5#

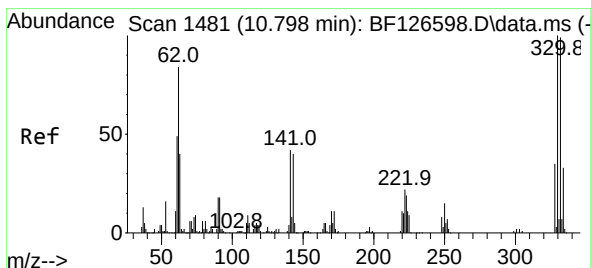
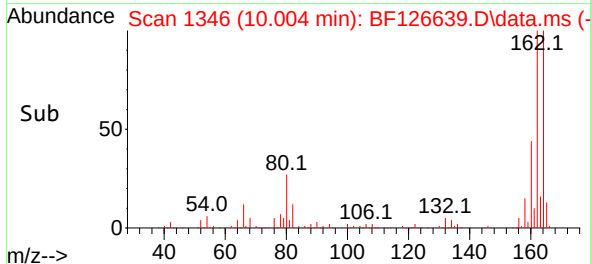
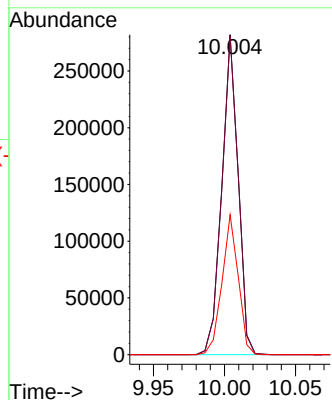
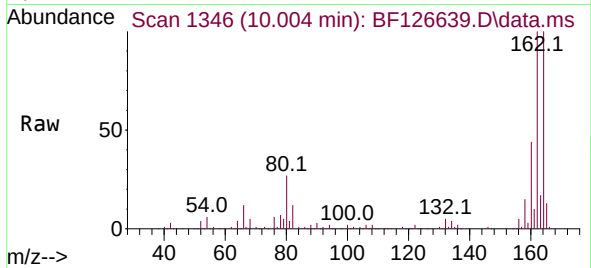




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126639.D
Acq: 24 Jan 2022 15:23

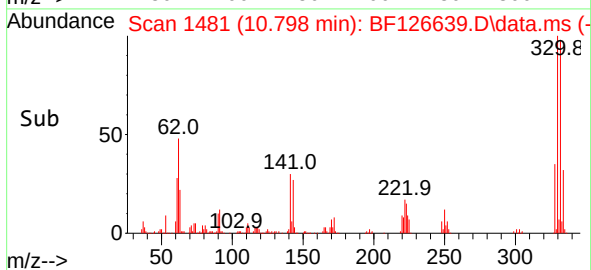
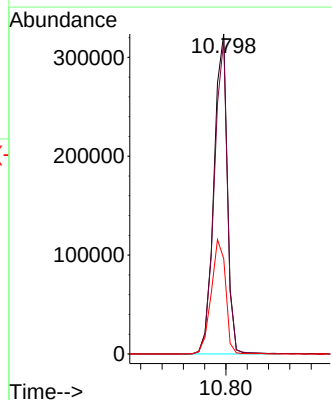
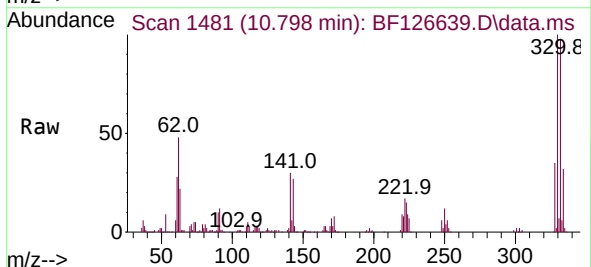
Instrument :
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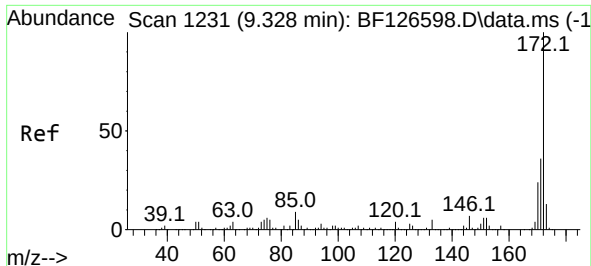
Tgt Ion:164 Resp: 224340
Ion Ratio Lower Upper
164 100
162 99.7 81.4 122.0
160 43.8 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 134.335 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BF126639.D
Acq: 24 Jan 2022 15:23

Tgt Ion:330 Resp: 282032
Ion Ratio Lower Upper
330 100
332 96.0 76.0 114.0
141 38.4 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 82.973 ng

RT: 9.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126639.D

Acq: 24 Jan 2022 15:23

Instrument :

BNA_F

ClientSampleId :

31460

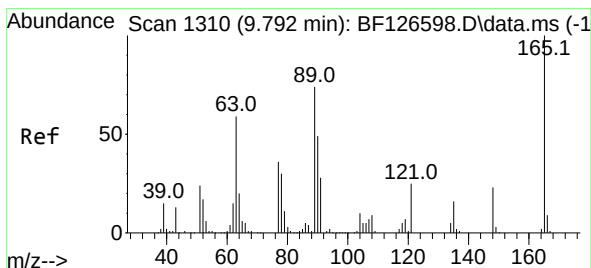
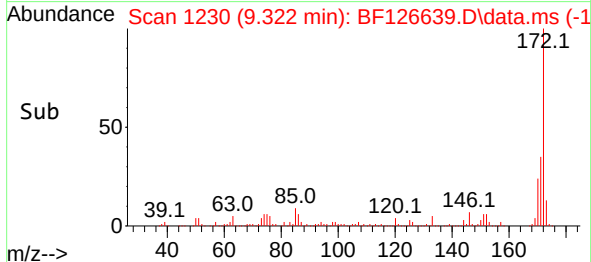
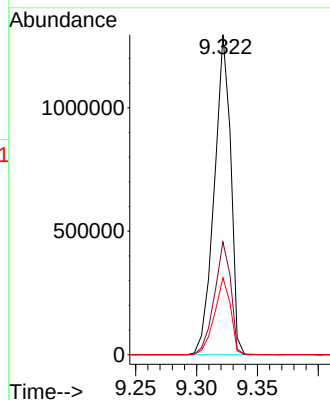
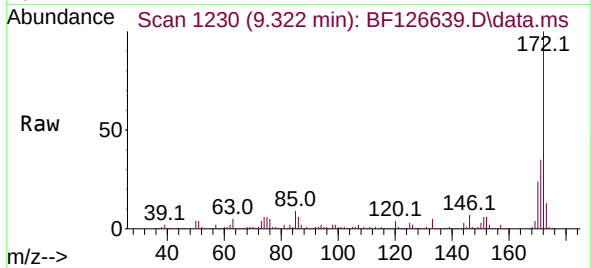
Tgt Ion:172 Resp: 1215418

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 24.1 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.241 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.212 min

Lab File: BF126639.D

Acq: 24 Jan 2022 15:23

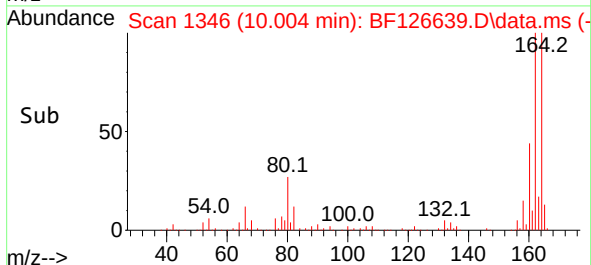
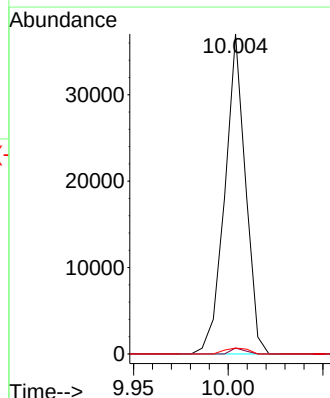
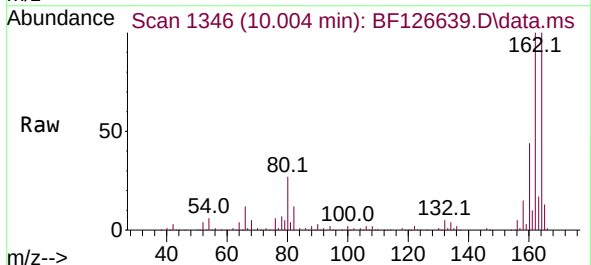
Tgt Ion:165 Resp: 28158

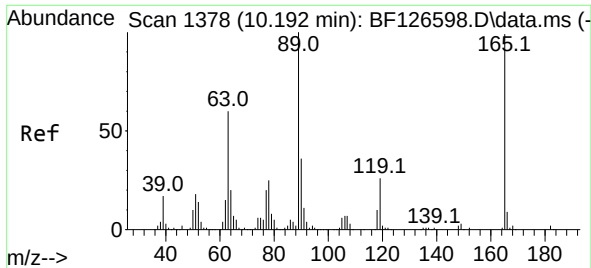
Ion Ratio Lower Upper

165 100

63 1.8 48.4 72.6#

89 1.8 50.5 75.7#

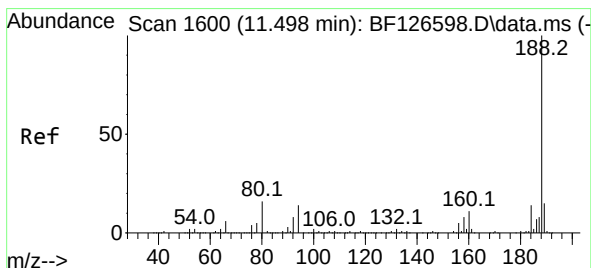
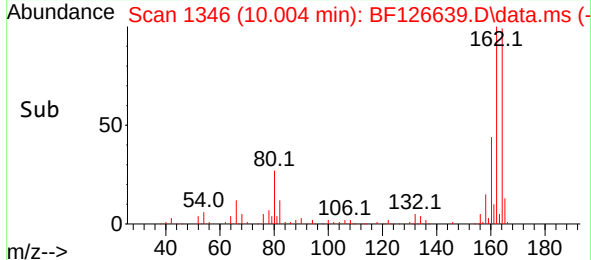
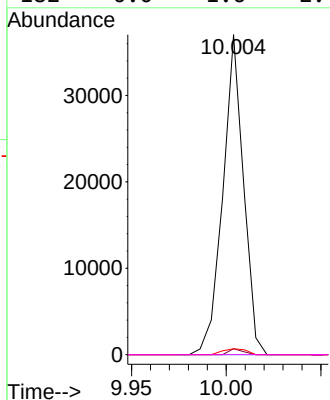
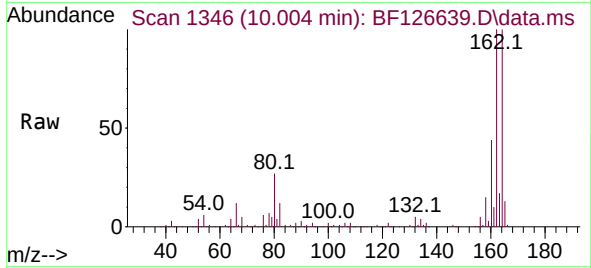




#57
2,4-Dinitrotoluene
Concen: 8.451 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126639.D
Acq: 24 Jan 2022 15:23

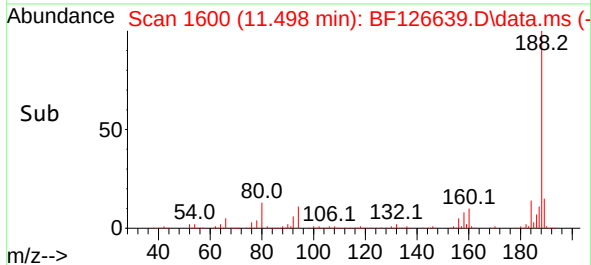
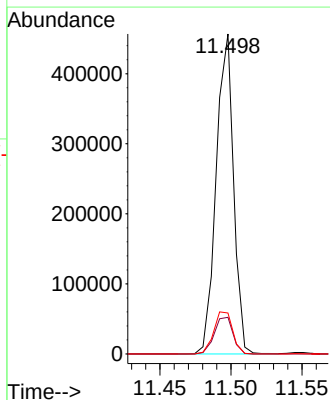
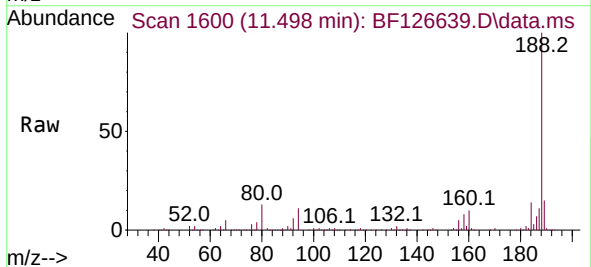
Instrument :
BNA_F
ClientSampleId :
31460

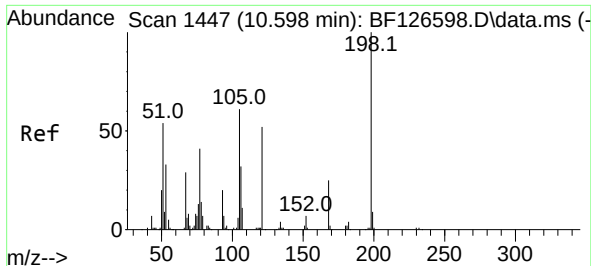
Tgt Ion:165 Resp: 28158
Ion Ratio Lower Upper
165 100
63 1.8 43.0 64.6#
89 1.8 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BF126639.D
Acq: 24 Jan 2022 15:23

Tgt Ion:188 Resp: 388387
Ion Ratio Lower Upper
188 100
94 11.4 10.1 15.1
80 12.8 11.8 17.6

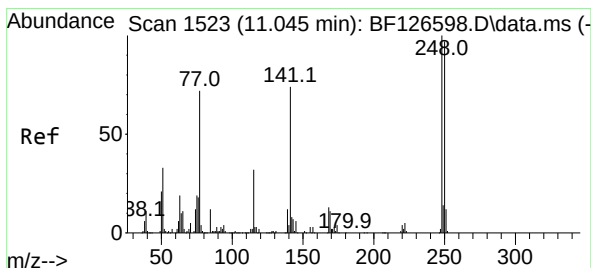
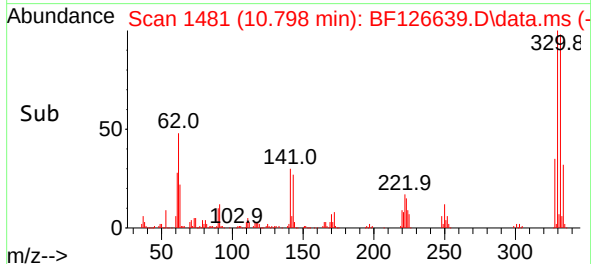
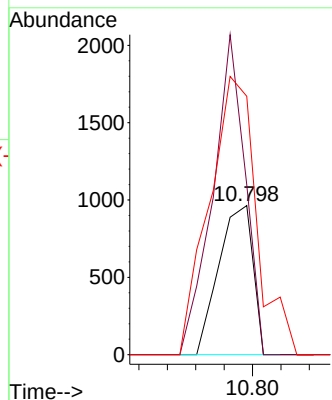
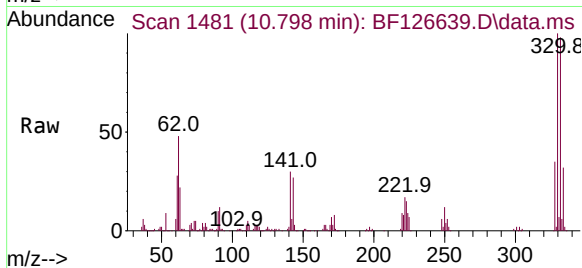




#65
4,6-Dinitro-2-methylphenol
Concen: 7.739 ng
RT: 10.798 min Scan# 1447
Delta R.T. 0.200 min
Lab File: BF126639.D
Acq: 24 Jan 2022 15:23

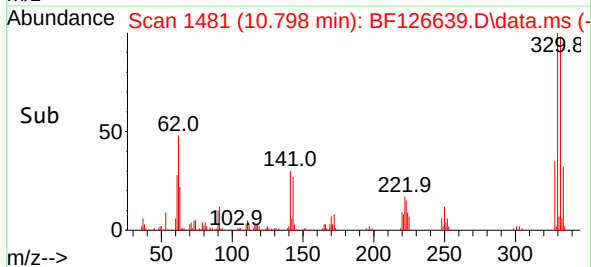
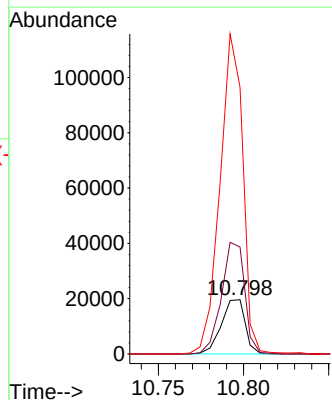
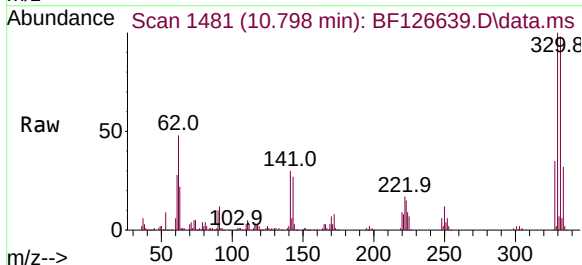
Instrument :
BNA_F
ClientSampleId :
31460

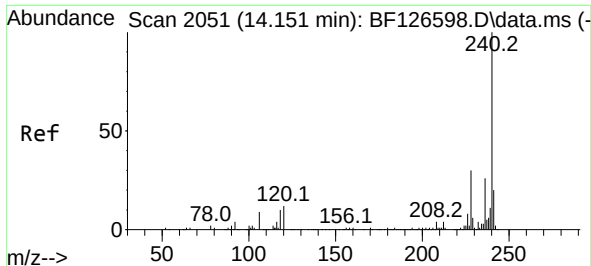
Tgt Ion:198 Resp: 805
Ion Ratio Lower Upper
198 100
51 114.0 32.0 72.0#
105 173.3 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 4.273 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.247 min
Lab File: BF126639.D
Acq: 24 Jan 2022 15:23

Tgt Ion:248 Resp: 19127
Ion Ratio Lower Upper
248 100
250 197.1 76.2 114.4#
141 492.0 66.2 99.4#

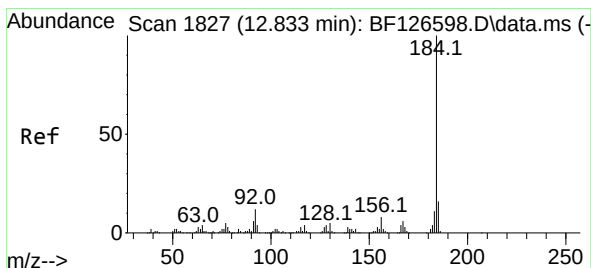
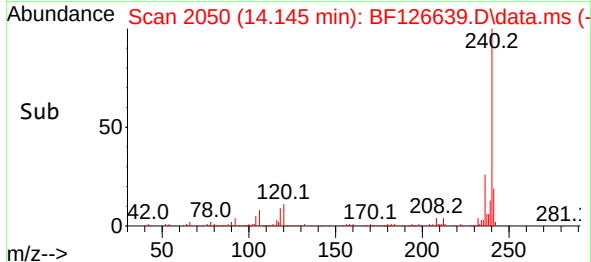
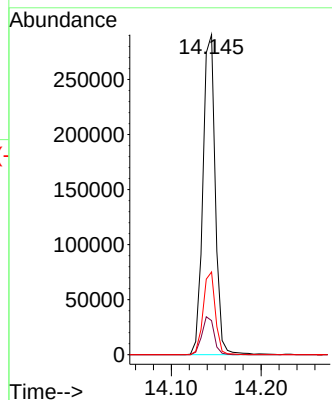
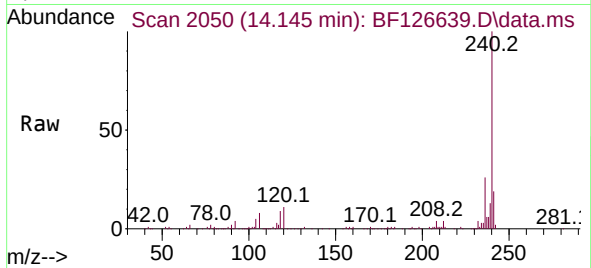




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF126639.D
Acq: 24 Jan 2022 15:23

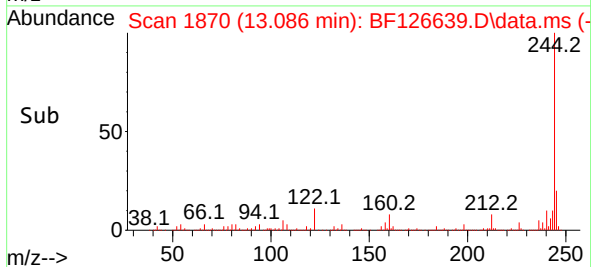
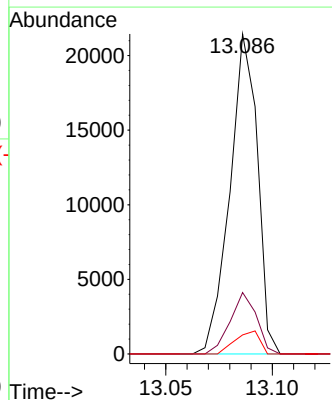
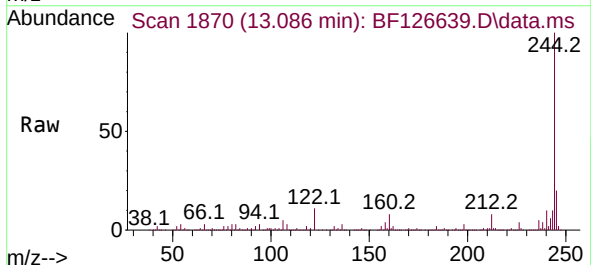
Instrument :
BNA_F
ClientSampleId :
31460

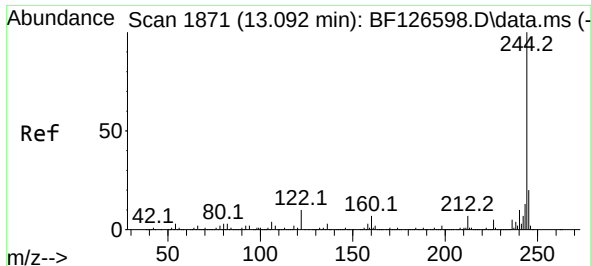
Tgt Ion:240 Resp: 278190
Ion Ratio Lower Upper
240 100
120 10.7 14.4 21.6#
236 25.8 20.5 30.7



#77
Benzidine
Concen: 2.016 ng
RT: 13.086 min Scan# 1870
Delta R.T. 0.253 min
Lab File: BF126639.D
Acq: 24 Jan 2022 15:23

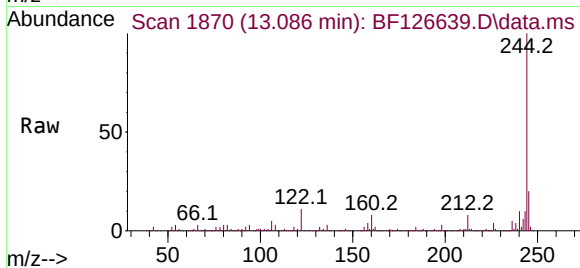
Tgt Ion:184 Resp: 19350
Ion Ratio Lower Upper
184 100
185 19.2 11.8 17.8#
183 6.0 8.2 12.2#



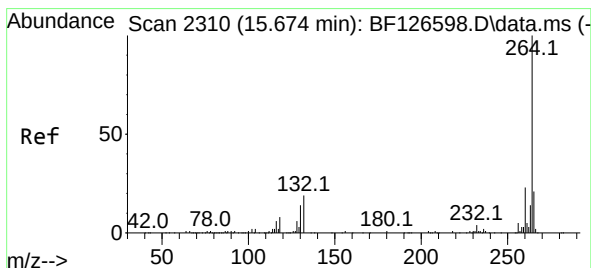
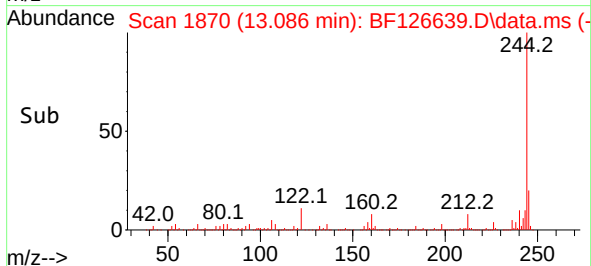
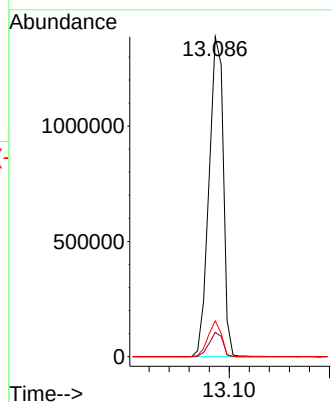


#79
 Terphenyl-d14
 Concen: 82.718 ng
 RT: 13.086 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126639.D
 Acq: 24 Jan 2022 15:23

Instrument :
 BNA_F
 ClientSampleId :
 31460



Tgt Ion:244 Resp: 1371959
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.0 7.4#
 122 11.2 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.662 min Scan# 2308
 Delta R.T. -0.012 min
 Lab File: BF126639.D
 Acq: 24 Jan 2022 15:23

Tgt Ion:264 Resp: 219193
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 20.8 17.4 26.2

