

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
 Data File : BF125756.D
 Acq On : 1 Oct 2021 17:11
 Operator : JU/CG
 Sample : M4008-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-SIDEWALK

Quant Time: Oct 02 03:12:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

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

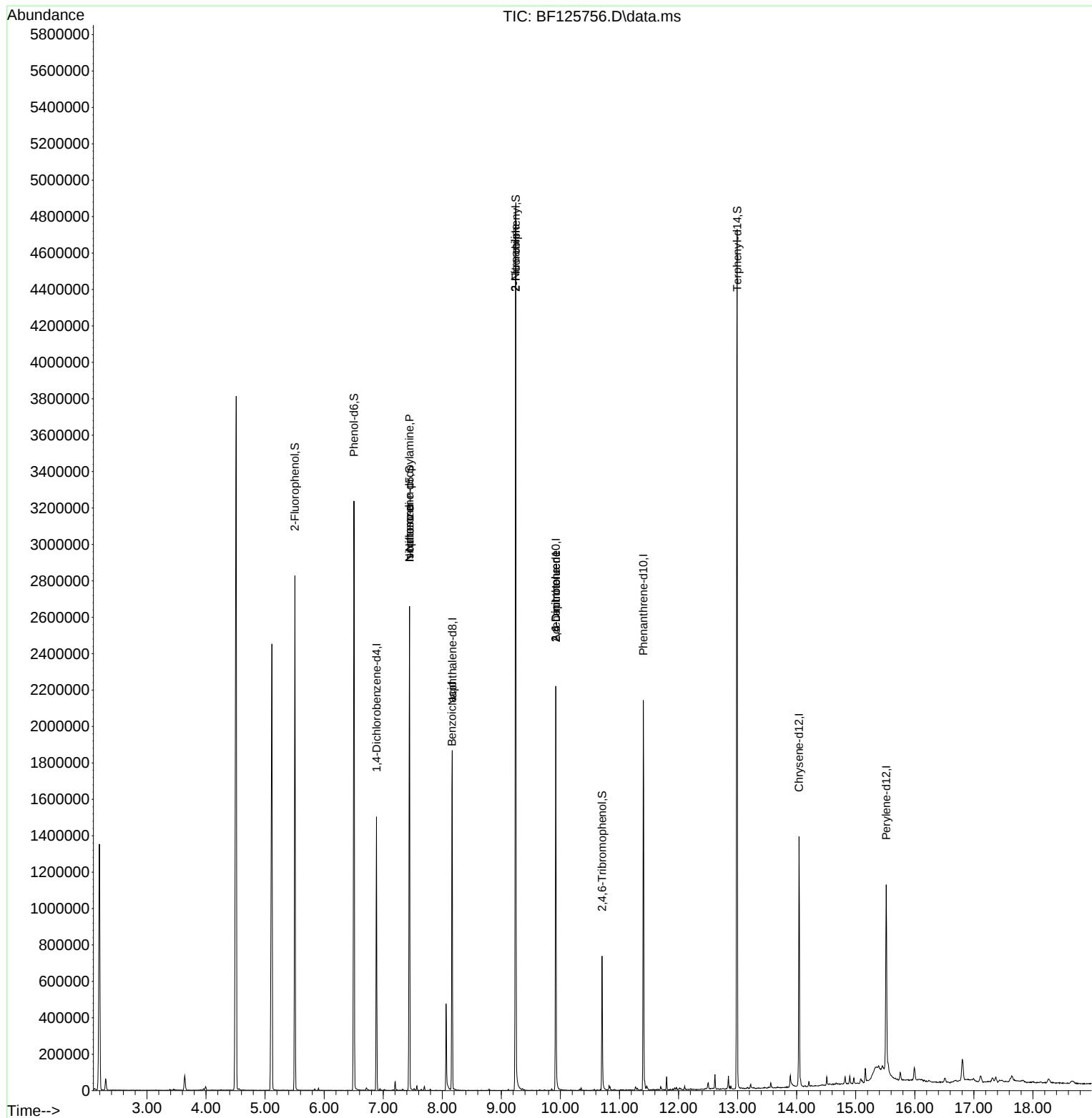
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	214210	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	878103	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	458942	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	778724	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	448916	20.000	ng	0.00
86) Perylene-d12	15.515	264	460794	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	810814	62.363	ng	0.00
7) Phenol-d6	6.504	99	1342001	76.775	ng	0.00
23) Nitrobenzene-d5	7.445	82	847623	67.329	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	97663	22.824	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	1729261	64.472	ng	0.00
79) Terphenyl-d14	12.992	244	1637925	63.185	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.504	77	1737	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	106560	10.707	ng	# 50
25) Isophorone	7.445	82	844678	29.959	ng	# 59
32) Benzoic acid	8.163	122	111	8.638	ng	# 1
48) 2-Nitroaniline	9.239	65	2128	4.451	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	56549	12.325	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	56663	11.294	ng	# 19

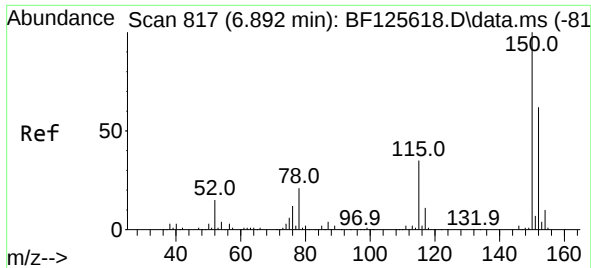
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
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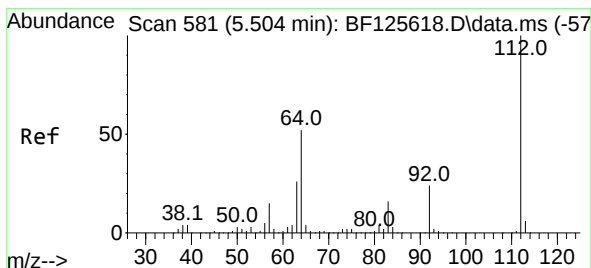
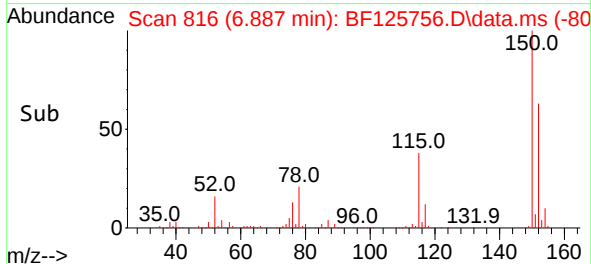
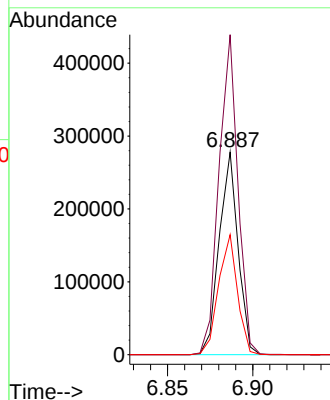
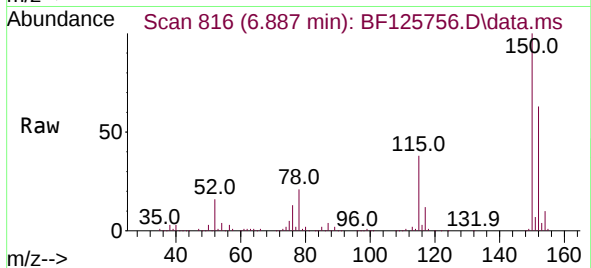




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125756.D
Acq: 1 Oct 2021 17:11

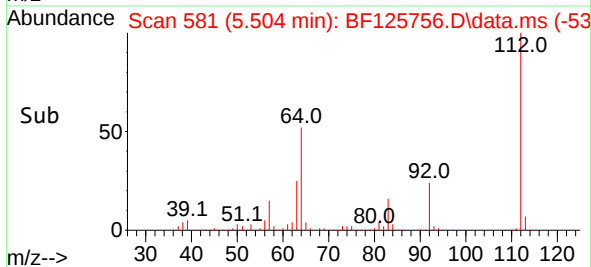
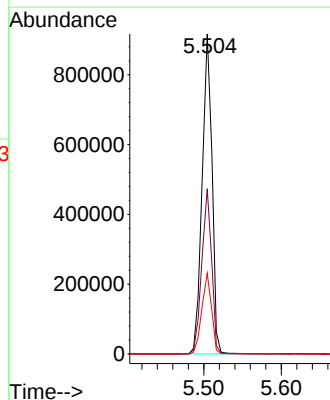
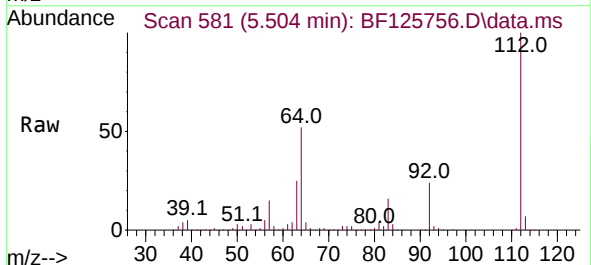
Instrument :
BNA_F
ClientSampleId :
MW-SIDEWALK

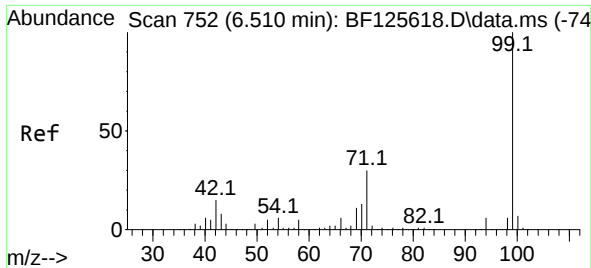
Tgt Ion:152 Resp: 214210
Ion Ratio Lower Upper
152 100
150 158.0 117.6 176.4
115 59.3 47.1 70.7



#5
2-Fluorophenol
Concen: 62.363 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF125756.D
Acq: 1 Oct 2021 17:11

Tgt Ion:112 Resp: 810814
Ion Ratio Lower Upper
112 100
64 51.6 44.2 66.2
63 25.2 26.2 39.2#

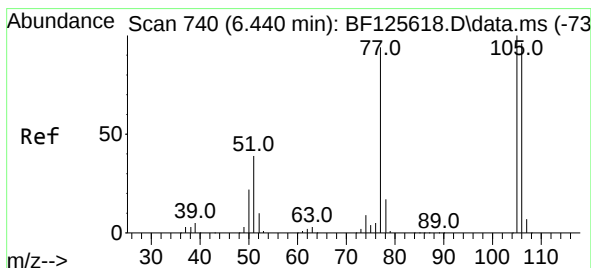
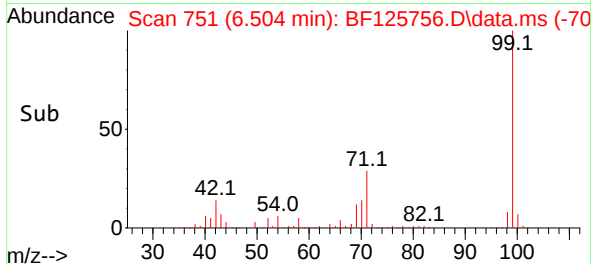
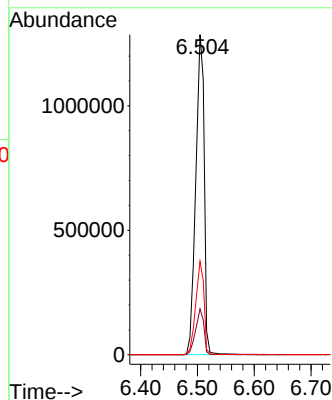
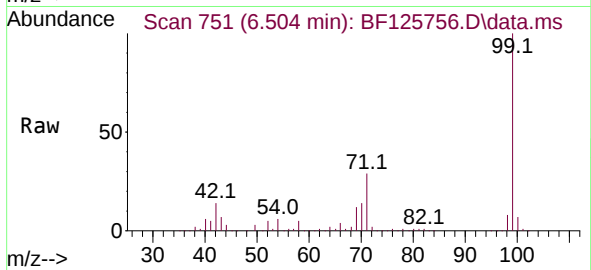




#7
Phenol-d6
Concen: 76.775 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125756.D
Acq: 1 Oct 2021 17:11

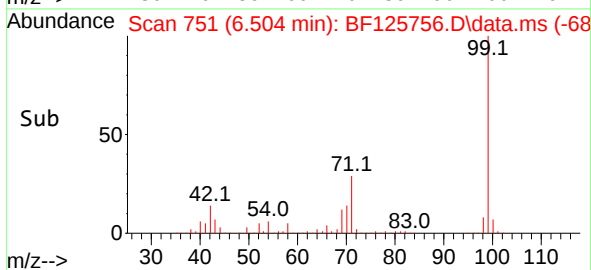
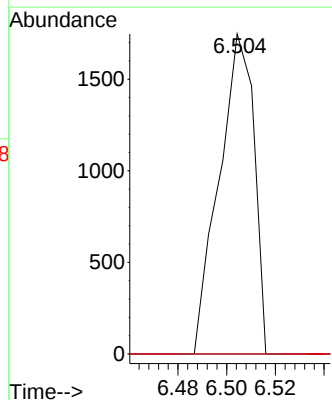
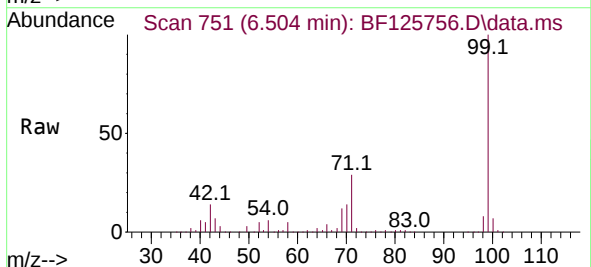
Instrument :
BNA_F
ClientSampleId :
MW-SIDEWALK

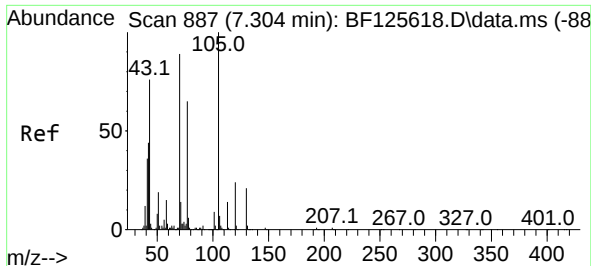
Tgt Ion: 99 Resp: 1342001
Ion Ratio Lower Upper
99 100
42 14.3 23.5 35.3#
71 29.2 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. 0.064 min
Lab File: BF125756.D
Acq: 1 Oct 2021 17:11

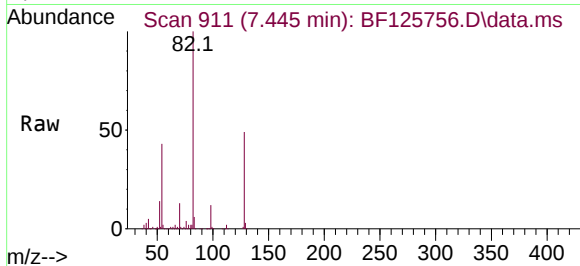
Tgt Ion: 77 Resp: 1737
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



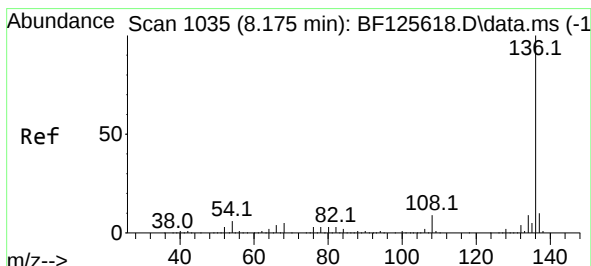
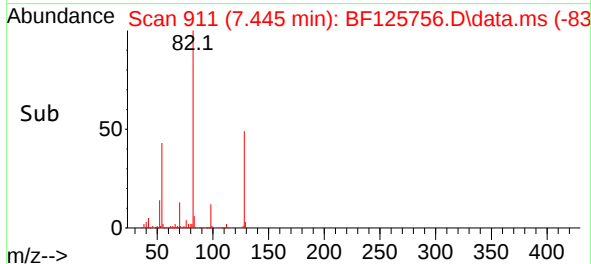
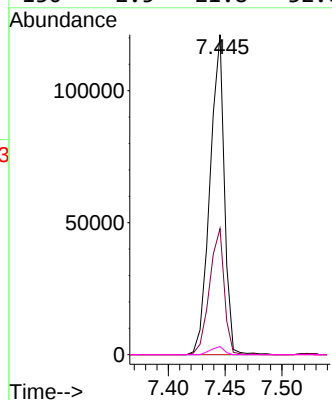


#19
n-Nitroso-di-n-propylamine
Concen: 10.707 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125756.D
Acq: 1 Oct 2021 17:11

Instrument :
BNA_F
ClientSampleId :
MW-SIDEWALK

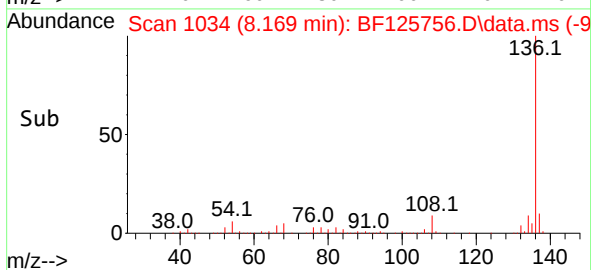
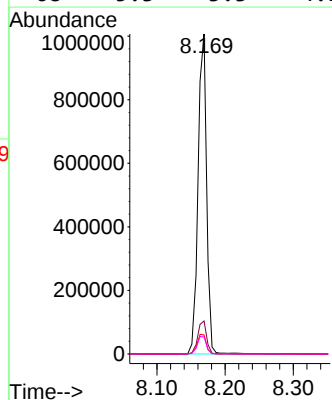
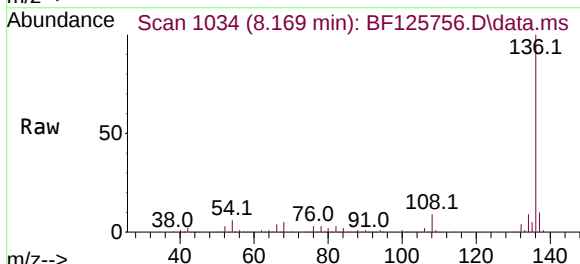


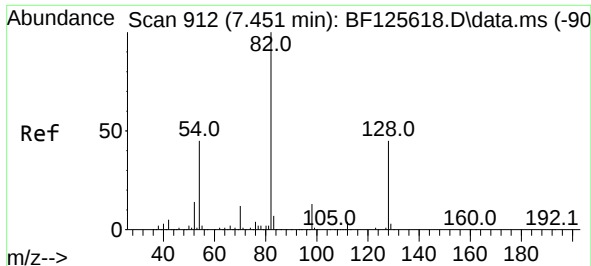
Tgt Ion: 70 Resp: 106560
Ion Ratio Lower Upper
70 100
42 39.4 72.2 108.2#
101 0.0 7.8 11.8#
130 2.5 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125756.D
Acq: 1 Oct 2021 17:11

Tgt Ion: 136 Resp: 878103
Ion Ratio Lower Upper
136 100
137 10.3 9.8 14.6
54 5.9 6.4 9.6#
68 5.3 3.3 4.9#

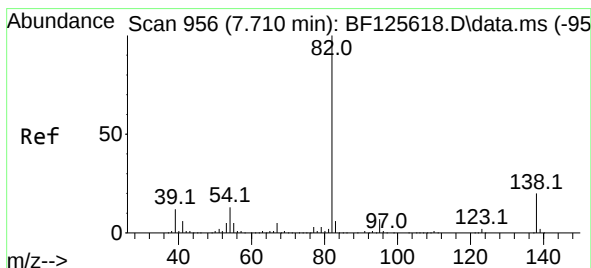
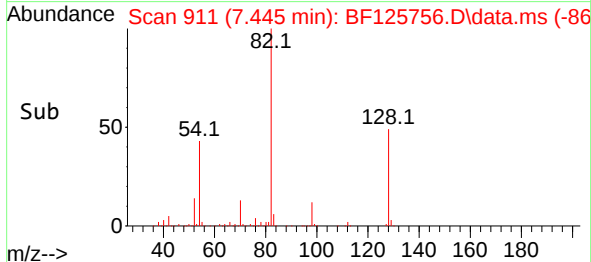
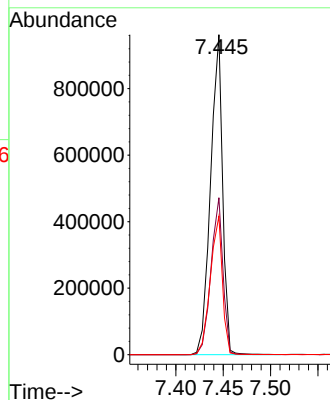
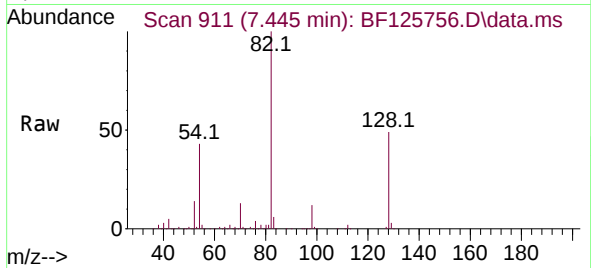




#23
Nitrobenzene-d5
Concen: 67.329 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125756.D
Acq: 1 Oct 2021 17:11

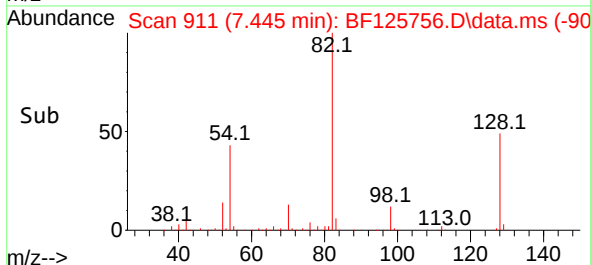
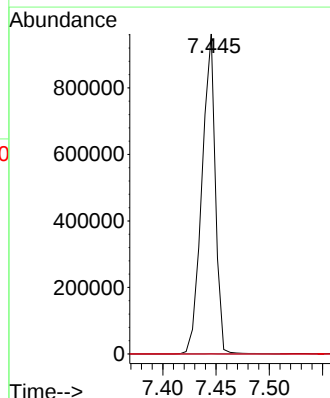
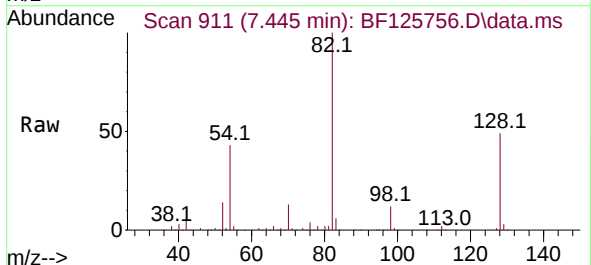
Instrument :
BNA_F
ClientSampleId :
MW-SIDEWALK

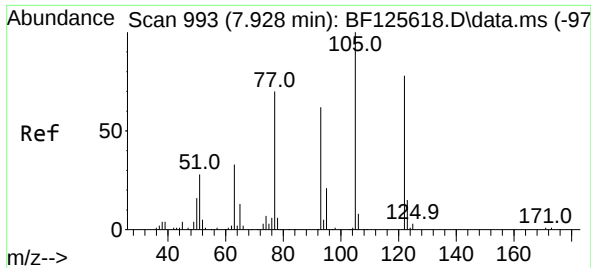
Tgt Ion: 82 Resp: 847623
Ion Ratio Lower Upper
82 100
128 49.0 40.6 60.8
54 43.3 49.6 74.4#



#25
Isophorone
Concen: 29.959 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125756.D
Acq: 1 Oct 2021 17:11

Tgt Ion: 82 Resp: 844678
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

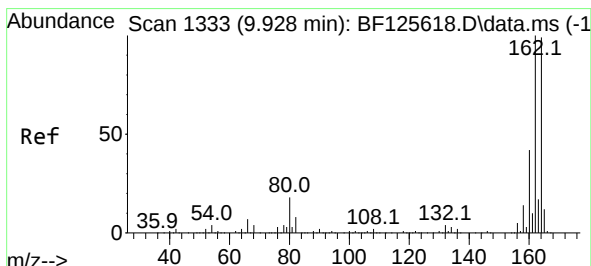
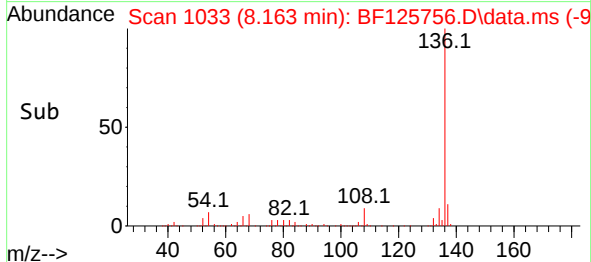
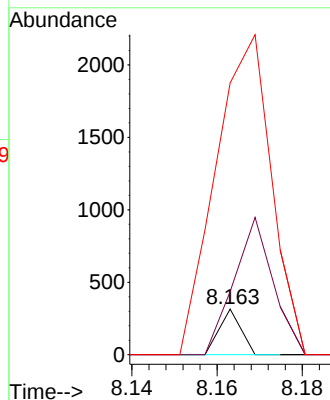
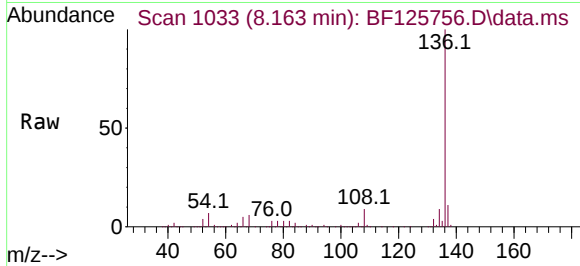




#32
Benzoic acid
Concen: 8.638 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.235 min
Lab File: BF125756.D
Acq: 1 Oct 2021 17:11

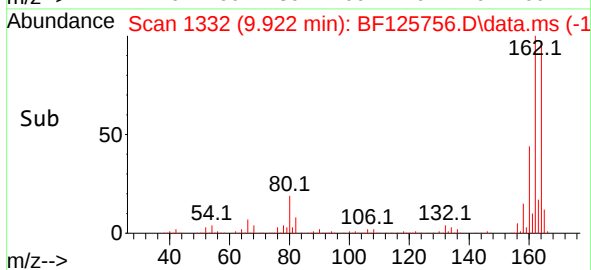
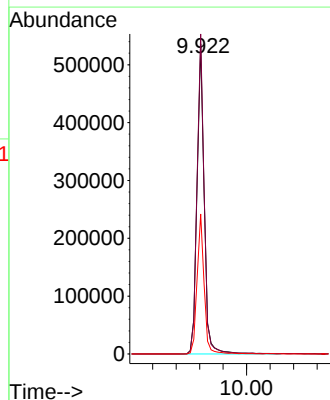
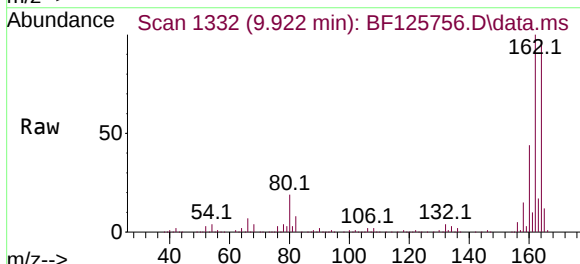
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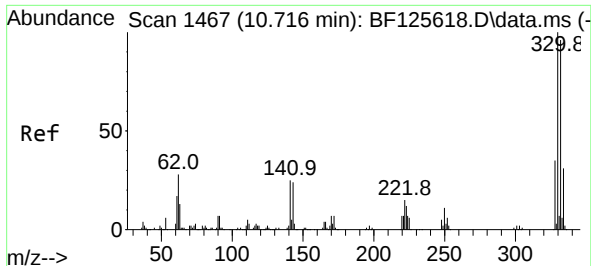
Tgt Ion:122 Resp: 111
Ion Ratio Lower Upper
122 100
105 138.1 97.6 137.6#
77 595.2 59.6 99.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125756.D
Acq: 1 Oct 2021 17:11

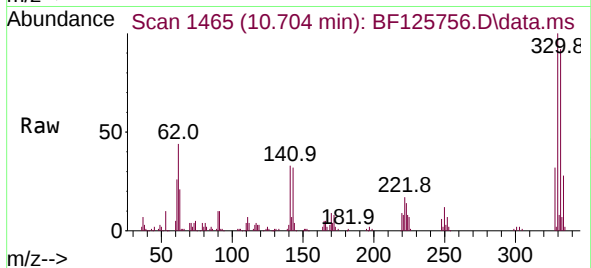
Tgt Ion:164 Resp: 458942
Ion Ratio Lower Upper
164 100
162 103.2 81.3 121.9
160 45.1 38.0 57.0



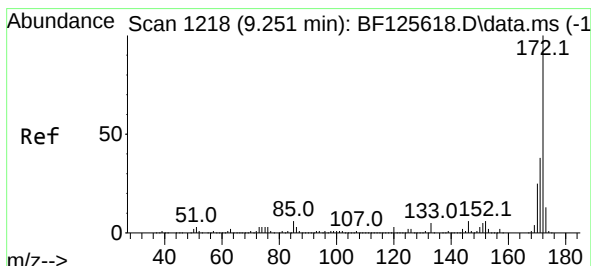
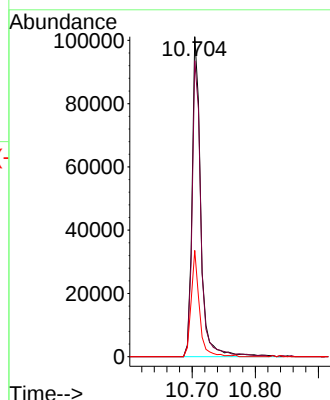
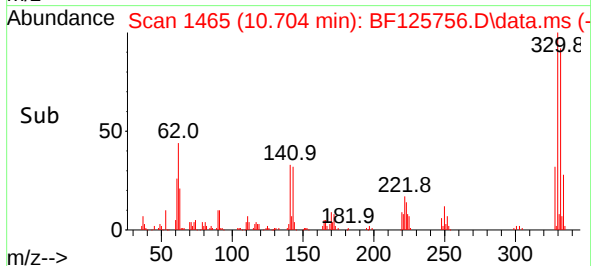


#42
2,4,6-Tribromophenol
Concen: 22.824 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF125756.D
Acq: 1 Oct 2021 17:11

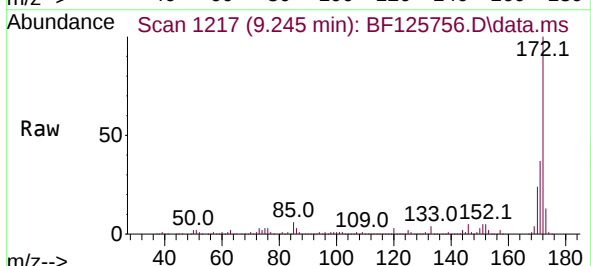
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BNA_F
ClientSampleId :
MW-SIDEWALK



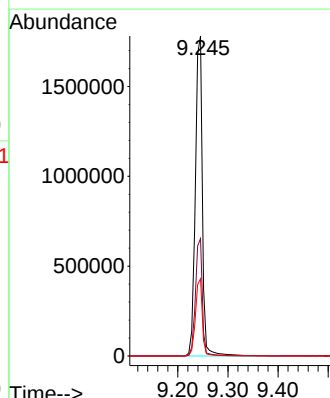
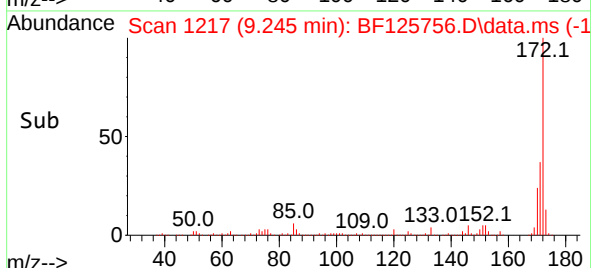
Tgt Ion: 330 Resp: 97663
Ion Ratio Lower Upper
330 100
332 94.3 76.2 114.4
141 31.3 44.6 66.8#

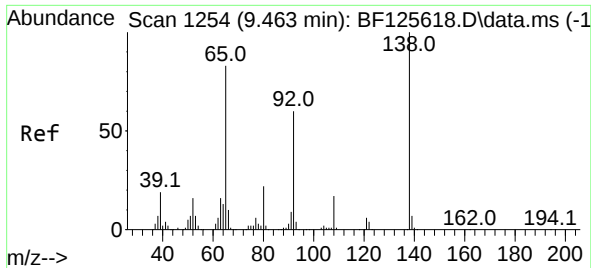


#45
2-Fluorobiphenyl
Concen: 64.472 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125756.D
Acq: 1 Oct 2021 17:11



Tgt Ion: 172 Resp: 1729261
Ion Ratio Lower Upper
172 100
171 36.7 26.5 39.7
170 24.1 18.8 28.2

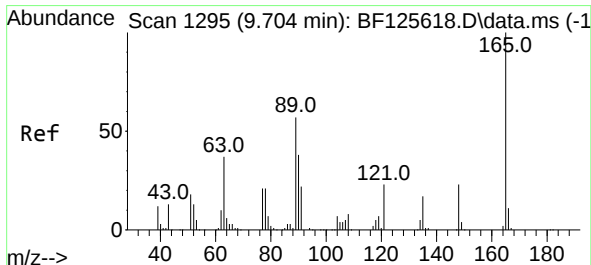
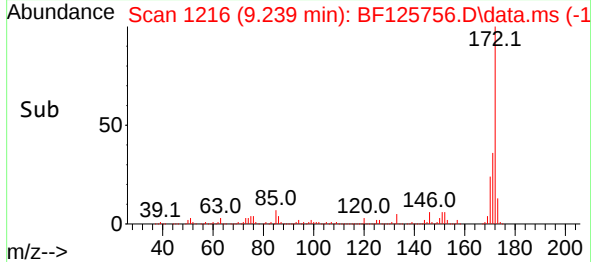
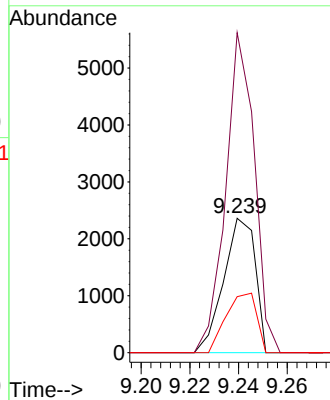
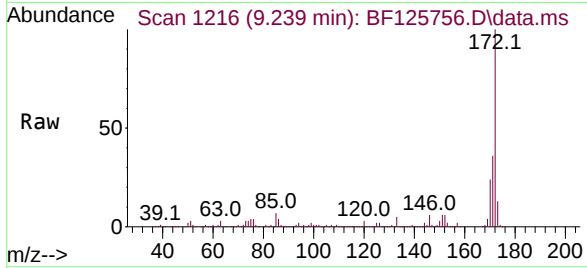




#48
2-Nitroaniline
Concen: 4.451 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.224 min
Lab File: BF125756.D
Acq: 1 Oct 2021 17:11

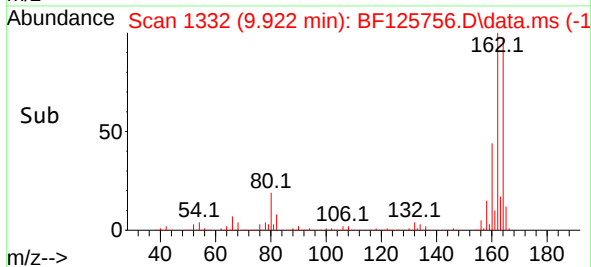
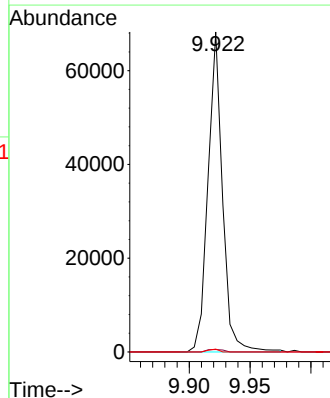
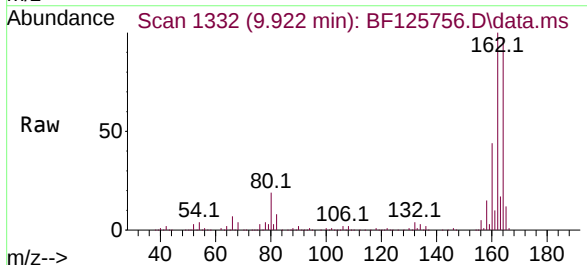
Instrument :
BNA_F
ClientSampleId :
MW-SIDEWALK

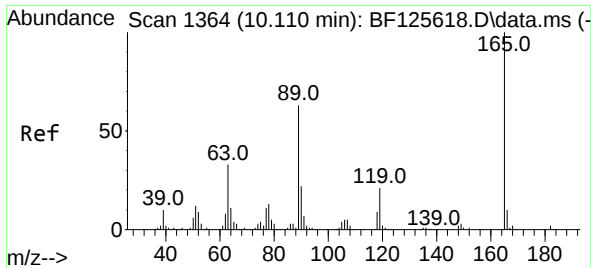
Tgt Ion: 65 Resp: 2128
Ion Ratio Lower Upper
65 100
92 238.1 55.5 83.3#
138 41.6 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 12.325 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125756.D
Acq: 1 Oct 2021 17:11

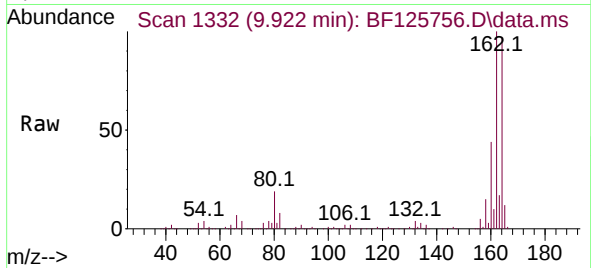
Tgt Ion:165 Resp: 56549
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 0.9 40.6 60.8#



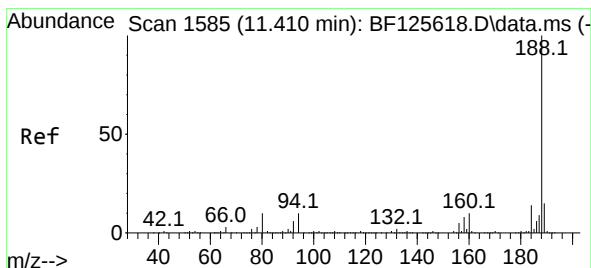
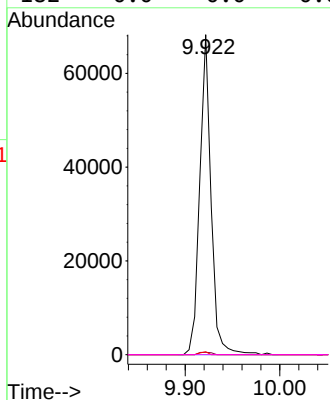
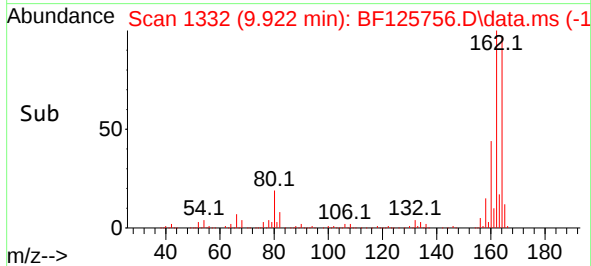


#57
2,4-Dinitrotoluene
Concen: 11.294 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125756.D
Acq: 1 Oct 2021 17:11

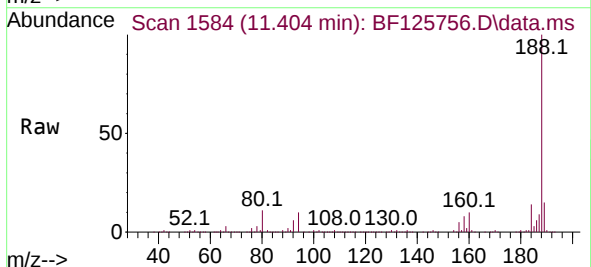
Instrument :
BNA_F
ClientSampleId :
MW-SIDEWALK



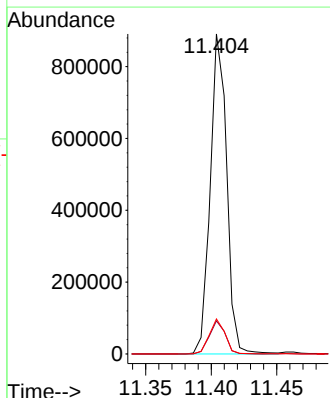
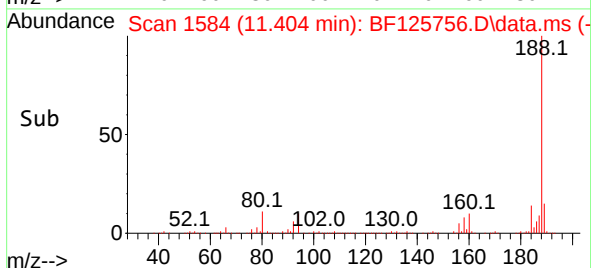
Tgt Ion:165	Resp:	56663
Ion Ratio	Lower	Upper
165	100	
63	0.8	40.9 61.3#
89	0.9	59.7 89.5#
182	0.0	0.0 0.0

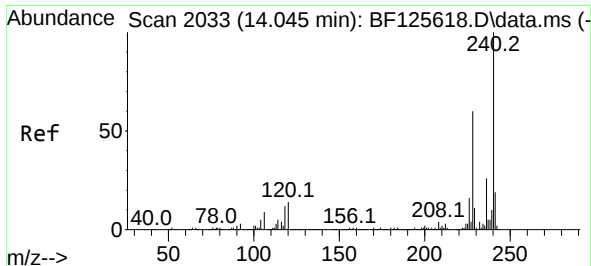


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125756.D
Acq: 1 Oct 2021 17:11



Tgt Ion:188	Resp:	778724
Ion Ratio	Lower	Upper
188	100	
94	10.4	6.7 10.1#
80	10.9	7.5 11.3

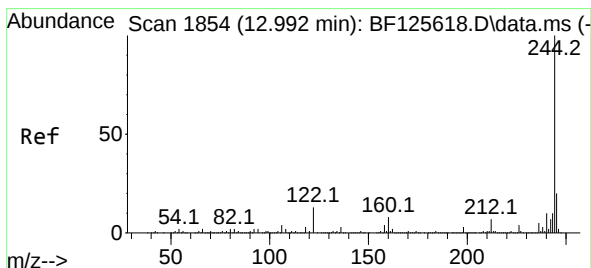
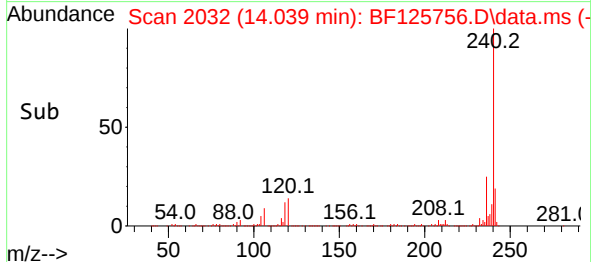
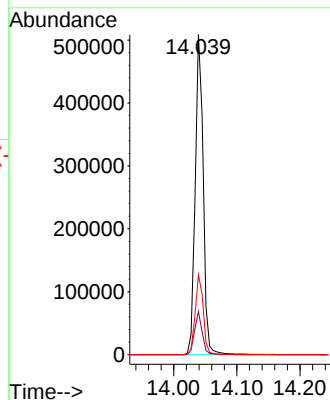
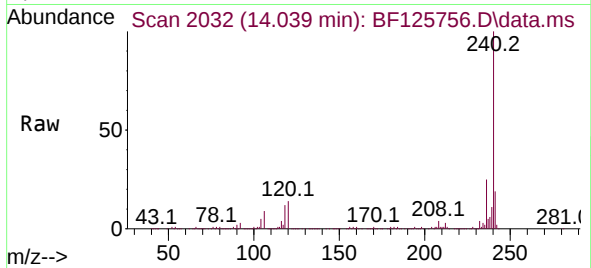




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125756.D
Acq: 1 Oct 2021 17:11

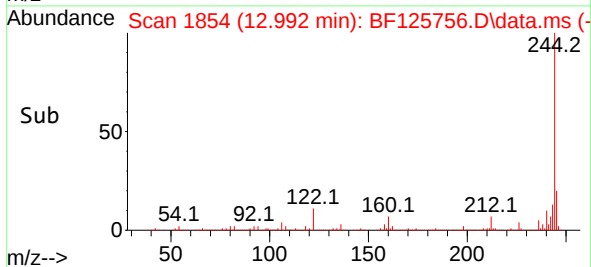
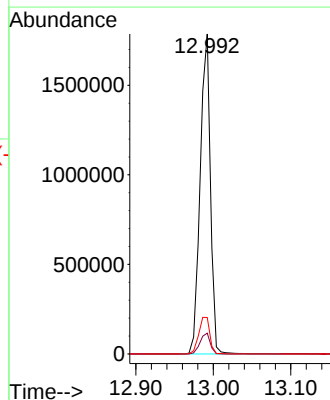
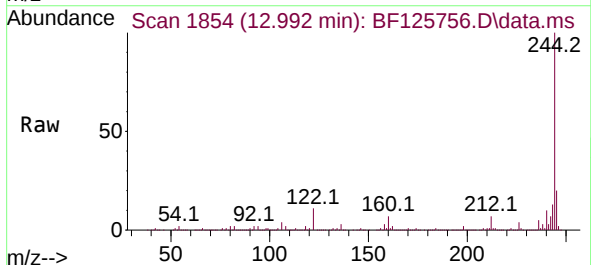
Instrument :
BNA_F
ClientSampleId :
MW-SIDEWALK

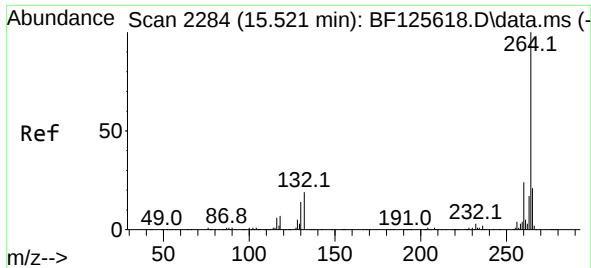
Tgt Ion:240 Resp: 448916
Ion Ratio Lower Upper
240 100
120 13.5 10.8 16.2
236 25.0 21.6 32.4



#79
Terphenyl-d14
Concen: 63.185 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF125756.D
Acq: 1 Oct 2021 17:11

Tgt Ion:244 Resp: 1637925
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 11.4 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF125756.D
 Acq: 1 Oct 2021 17:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-SIDEWALK

Tgt Ion:264 Resp: 460794
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 21.2 17.2 25.8

