

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092721\
 Data File : BF125677.D
 Acq On : 27 Sep 2021 17:57
 Operator : JU/CG
 Sample : M3938-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 27 19:07:56 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)

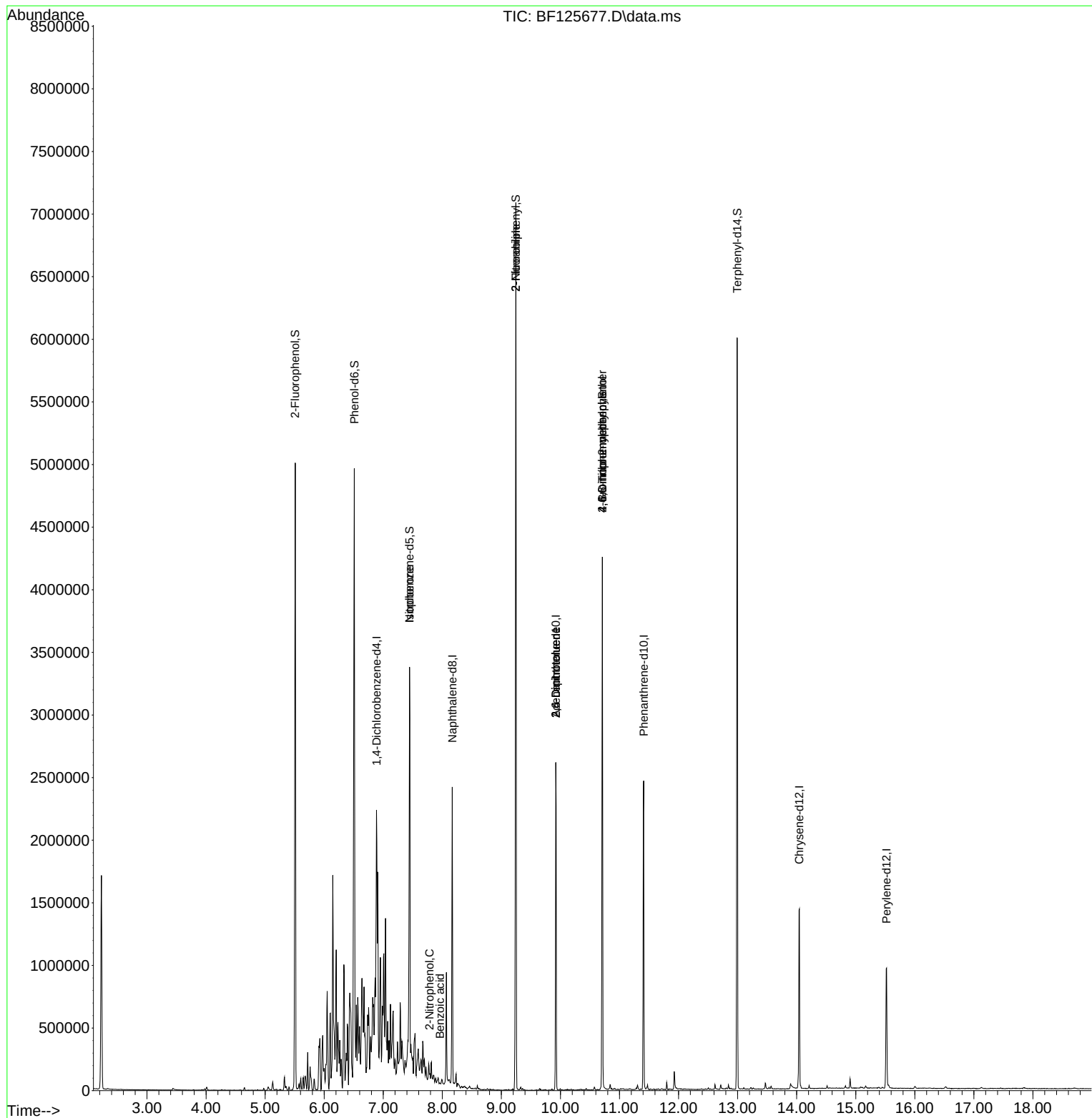
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	245005	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1046652	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	546425	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	905056	20.000	ng	0.00
76) Chrysene-d12	14.045	240	510530	20.000	ng	0.00
86) Perylene-d12	15.521	264	437148	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1614693	108.582	ng	0.00
7) Phenol-d6	6.510	99	2000271	100.051	ng	0.00
23) Nitrobenzene-d5	7.445	82	1194097	79.576	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	537275	105.458	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2232068	71.231	ng	0.00
79) Terphenyl-d14	12.992	244	2038752	69.156	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.434	77	7969	Below Cal	#	1
25) Isophorone	7.445	82	1187145	35.325	ng	# 60
26) 2-Nitrophenol	7.787	139	925	5.836	ng	# 1
32) Benzoic acid	7.963	122	119	8.637	ng	# 1
48) 2-Nitroaniline	9.245	65	2910	4.495	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	69016	12.531	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	69016	11.443	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	944	9.187	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	29249	3.079	ng	# 1

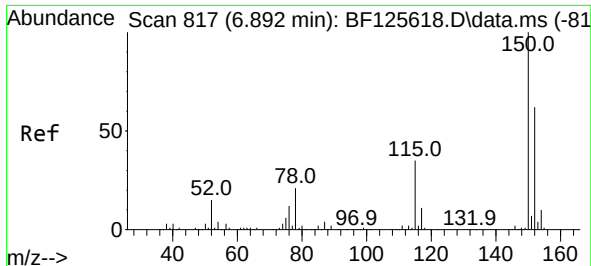
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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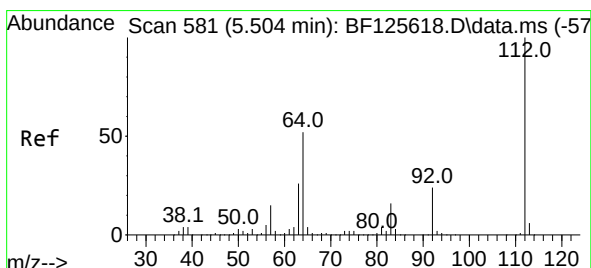
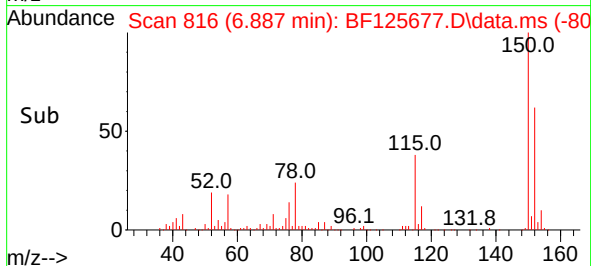
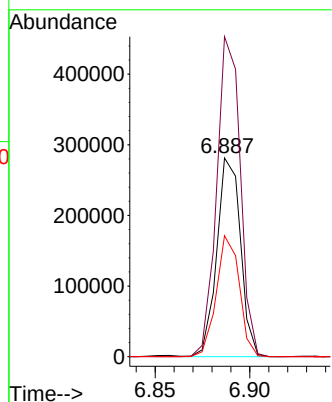
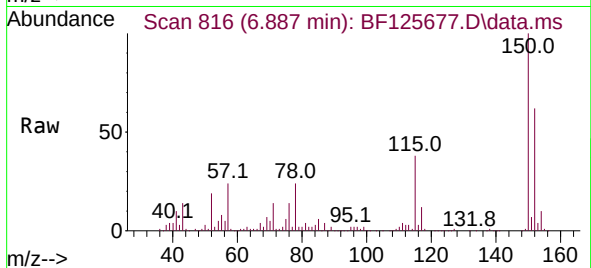




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125677.D
Acq: 27 Sep 2021 17:57

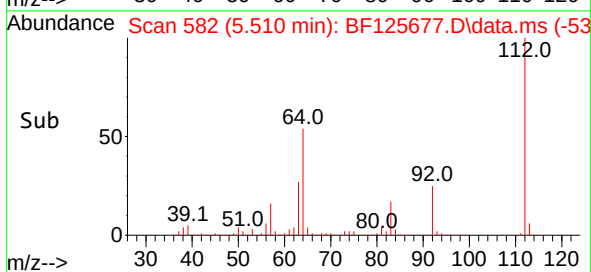
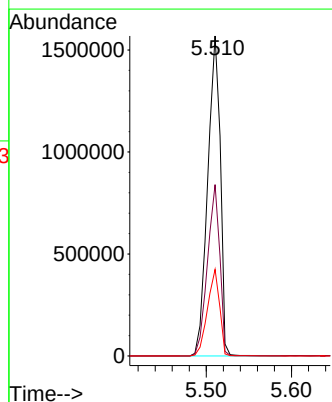
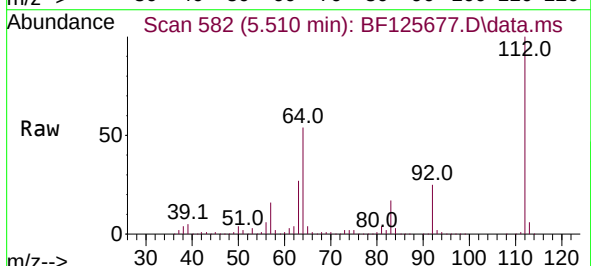
Instrument :
BNA_F
ClientSampleId :

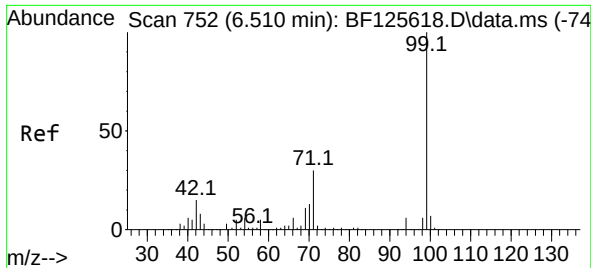
Tgt Ion:152 Resp: 245005
Ion Ratio Lower Upper
152 100
150 161.1 117.6 176.4
115 60.9 47.1 70.7



#5
2-Fluorophenol
Concen: 108.582 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF125677.D
Acq: 27 Sep 2021 17:57

Tgt Ion:112 Resp: 1614693
Ion Ratio Lower Upper
112 100
64 53.6 44.2 66.2
63 27.1 26.2 39.2

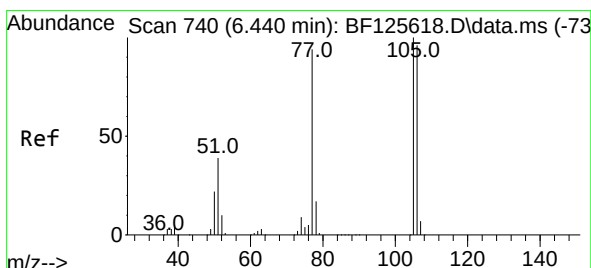
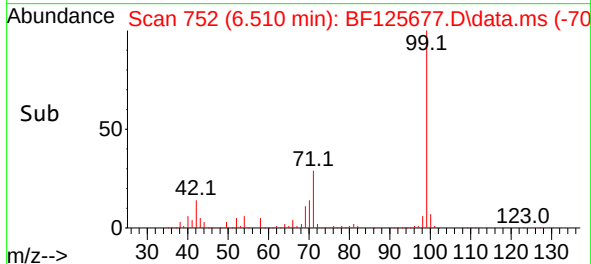
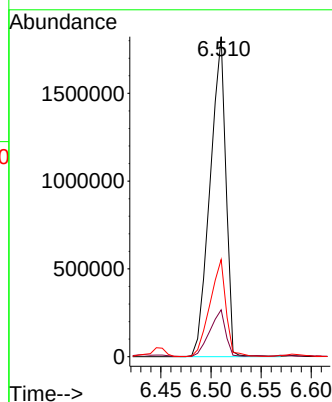
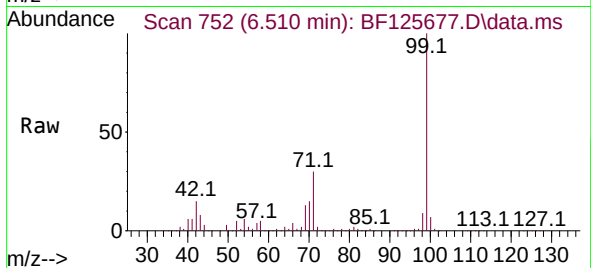




#7
Phenol-d6
Concen: 100.051 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF125677.D
Acq: 27 Sep 2021 17:57

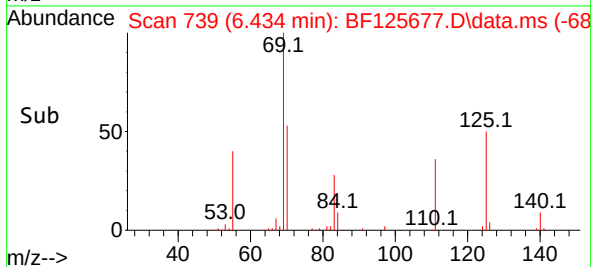
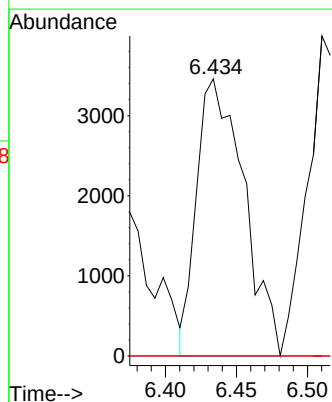
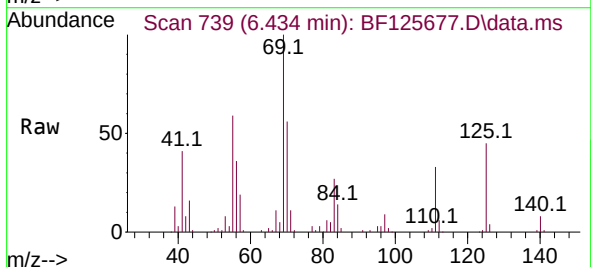
Instrument :
BNA_F
ClientSampleId :

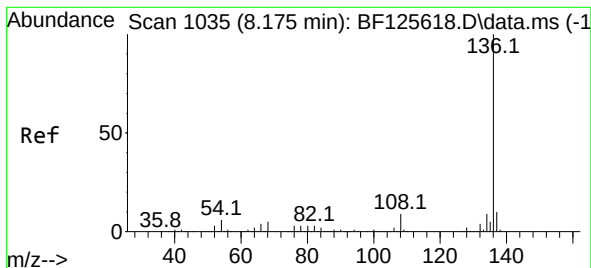
Tgt Ion: 99 Resp: 2000271
Ion Ratio Lower Upper
99 100
42 14.7 23.5 35.3#
71 30.4 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF125677.D
Acq: 27 Sep 2021 17:57

Tgt Ion: 77 Resp: 7969
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#

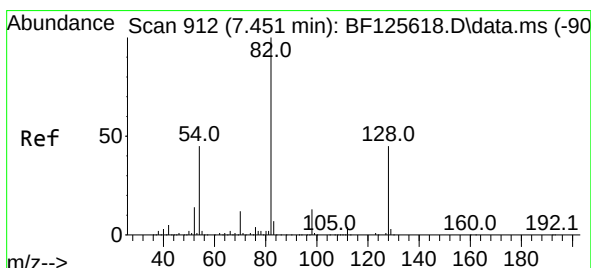
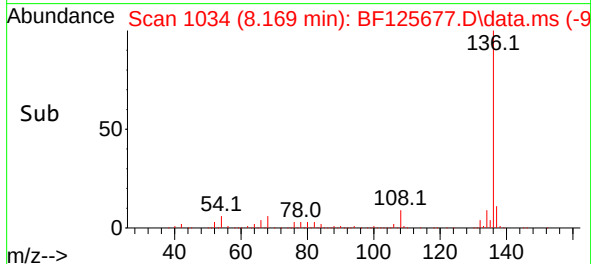
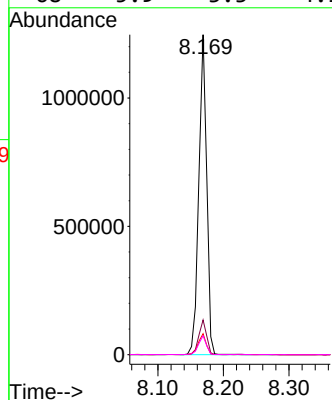
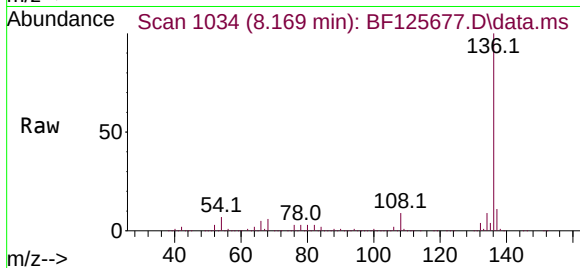




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125677.D
Acq: 27 Sep 2021 17:57

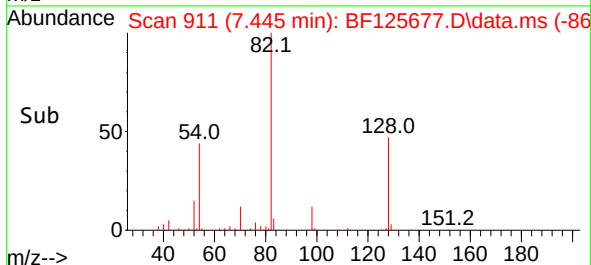
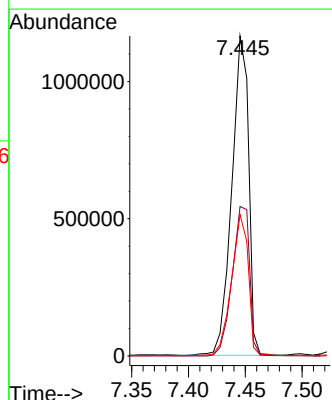
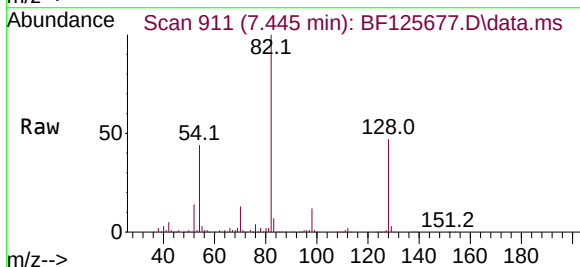
Instrument :
BNA_F
ClientSampleId :

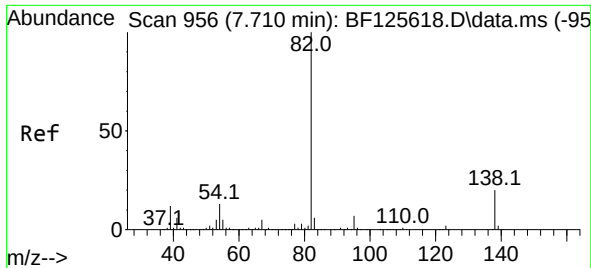
Tgt Ion:136 Resp: 1046652
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 6.6 6.4 9.6
68 5.9 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 79.576 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125677.D
Acq: 27 Sep 2021 17:57

Tgt Ion: 82 Resp: 1194097
Ion Ratio Lower Upper
82 100
128 46.7 40.6 60.8
54 44.2 49.6 74.4#

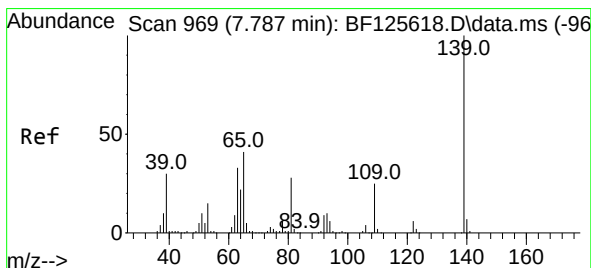
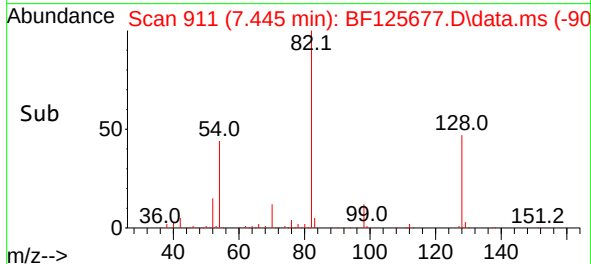
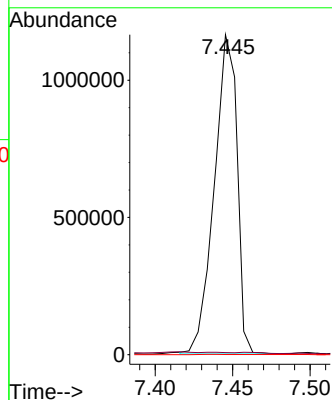
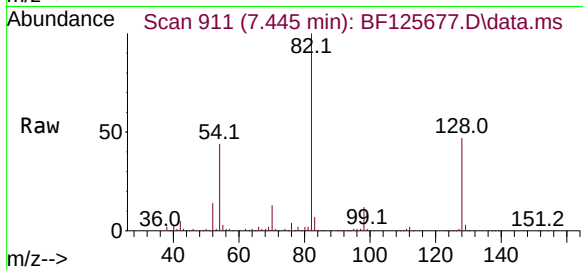




#25
Isophorone
Concen: 35.325 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125677.D
Acq: 27 Sep 2021 17:57

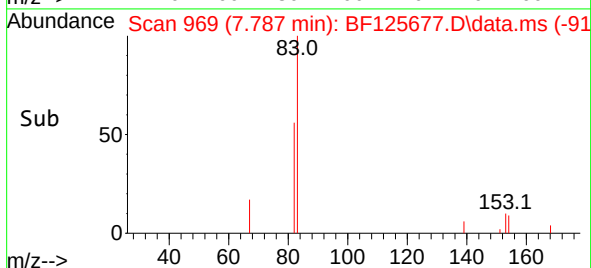
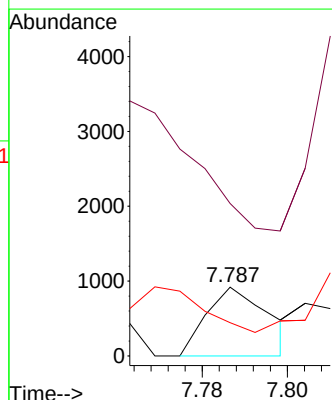
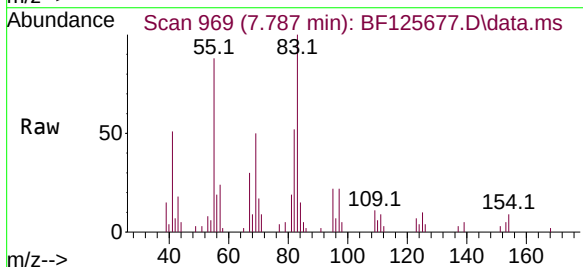
Instrument :
BNA_F
ClientSampleId :

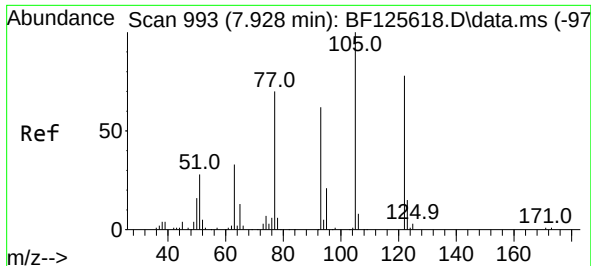
Tgt Ion: 82 Resp: 1187145
Ion Ratio Lower Upper
82 100
95 0.6 6.5 9.7#
138 0.1 18.4 27.6#



#26
2-Nitrophenol
Concen: 5.836 ng
RT: 7.787 min Scan# 969
Delta R.T. -0.000 min
Lab File: BF125677.D
Acq: 27 Sep 2021 17:57

Tgt Ion:139 Resp: 925
Ion Ratio Lower Upper
139 100
109 221.8 26.0 39.0#
65 48.4 31.0 46.4#

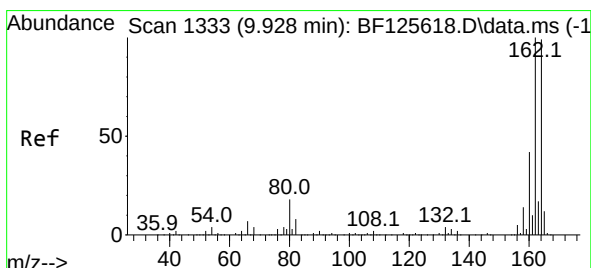
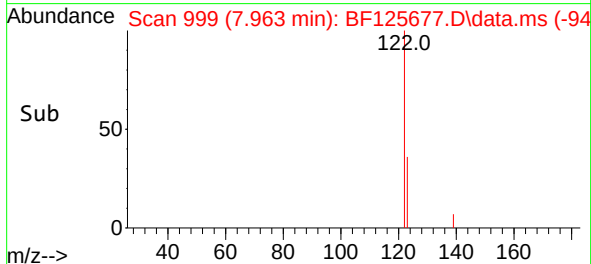
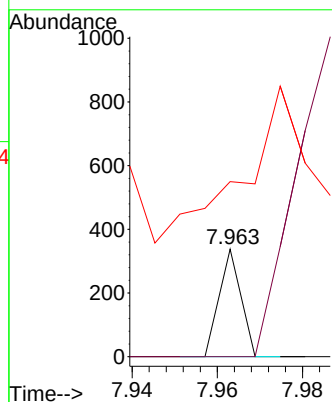
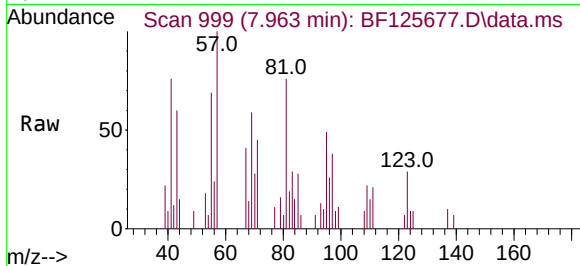




#32
Benzoic acid
Concen: 8.637 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.035 min
Lab File: BF125677.D
Acq: 27 Sep 2021 17:57

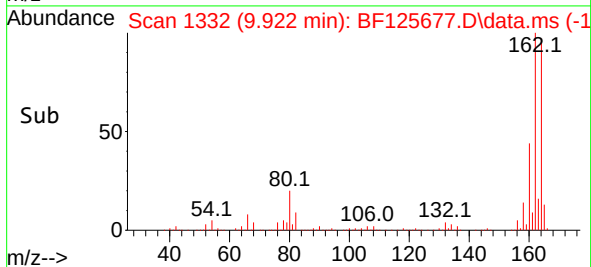
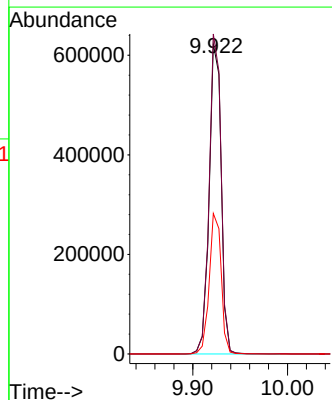
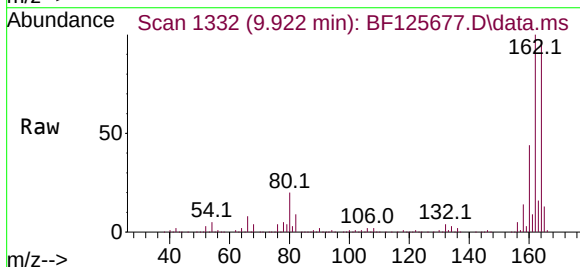
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BNA_F
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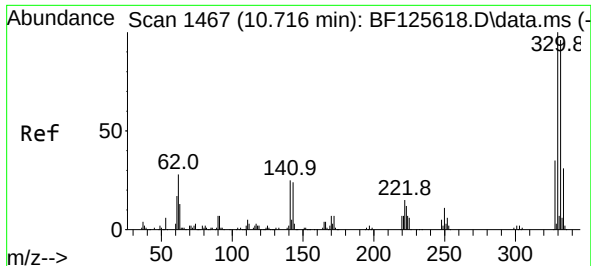
Tgt Ion:122 Resp: 119
Ion Ratio Lower Upper
122 100
105 0.0 97.6 137.6#
77 162.7 59.6 99.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125677.D
Acq: 27 Sep 2021 17:57

Tgt Ion:164 Resp: 546425
Ion Ratio Lower Upper
164 100
162 103.2 81.3 121.9
160 45.3 38.0 57.0

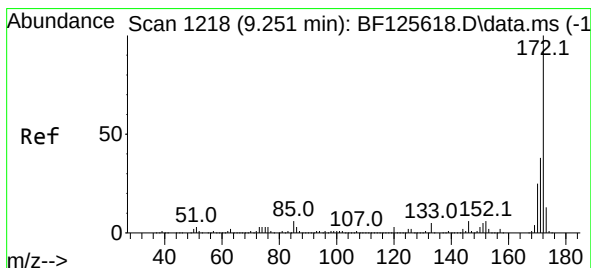
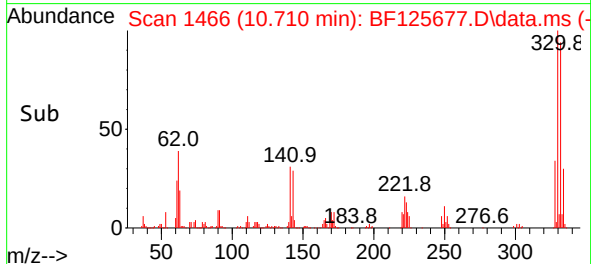
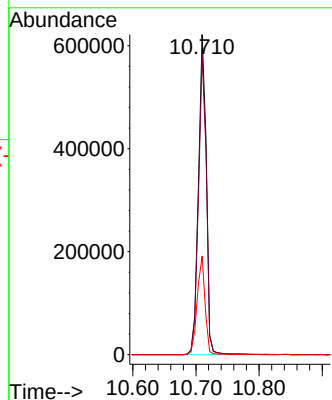
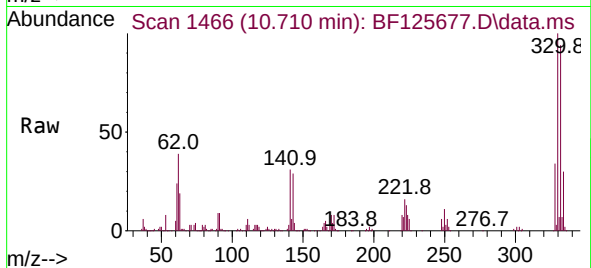




#42
2,4,6-Tribromophenol
Concen: 105.458 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125677.D
Acq: 27 Sep 2021 17:57

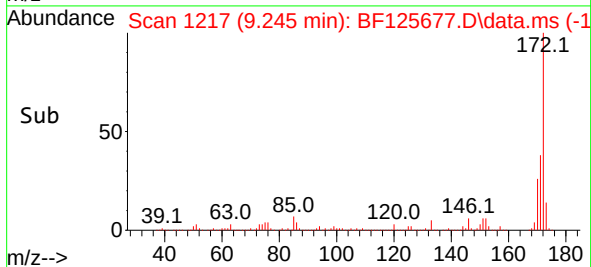
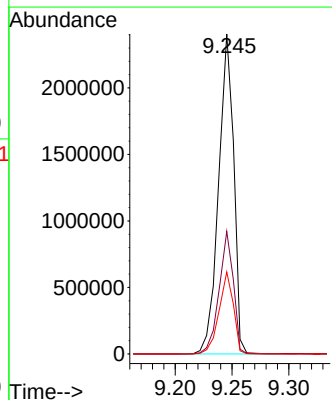
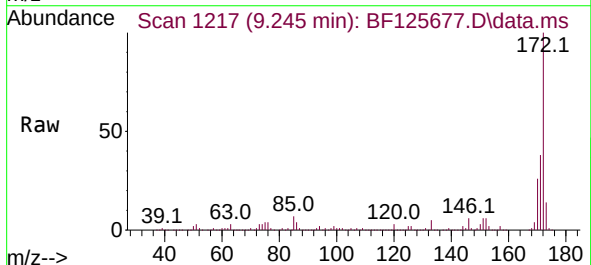
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BNA_F
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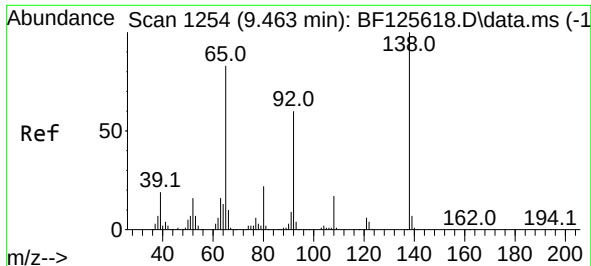
Tgt Ion: 330 Resp: 537275
Ion Ratio Lower Upper
330 100
332 93.6 76.2 114.4
141 31.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 71.231 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125677.D
Acq: 27 Sep 2021 17:57

Tgt Ion: 172 Resp: 2232068
Ion Ratio Lower Upper
172 100
171 38.3 26.5 39.7
170 25.7 18.8 28.2

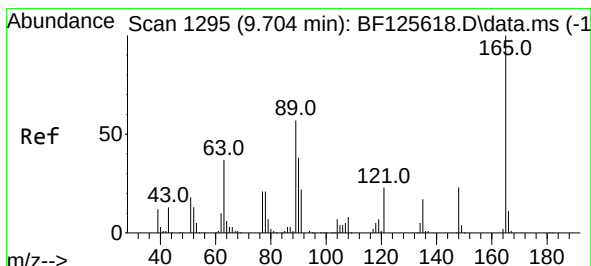
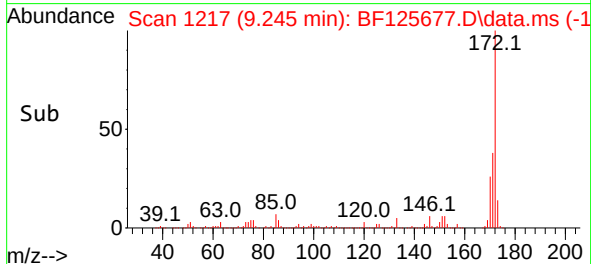
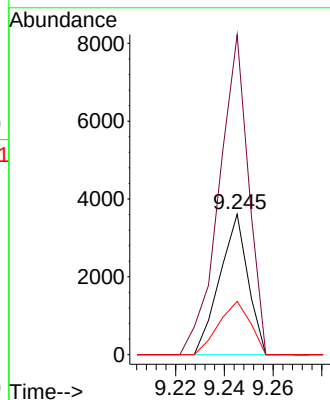
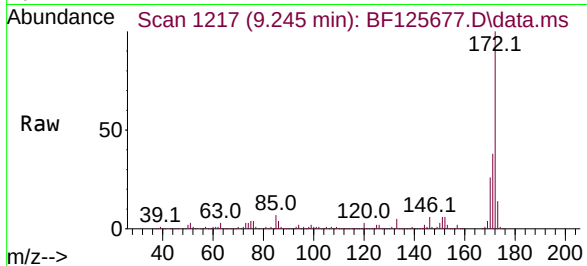




#48
2-Nitroaniline
Concen: 4.495 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.218 min
Lab File: BF125677.D
Acq: 27 Sep 2021 17:57

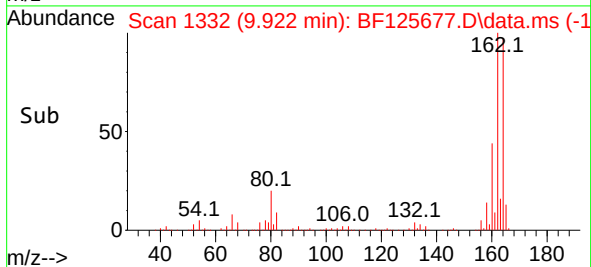
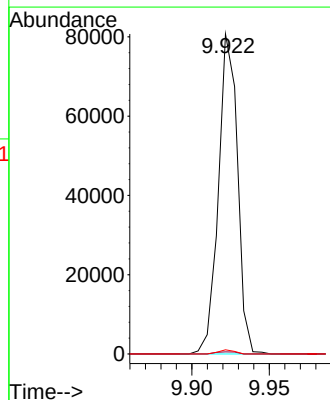
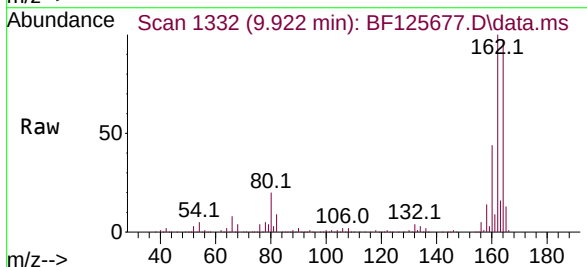
Instrument :
BNA_F
ClientSampleId :

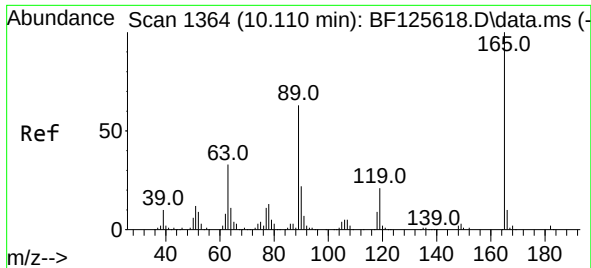
Tgt Ion: 65 Resp: 2910
Ion Ratio Lower Upper
65 100
92 227.8 55.5 83.3#
138 37.9 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 12.531 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125677.D
Acq: 27 Sep 2021 17:57

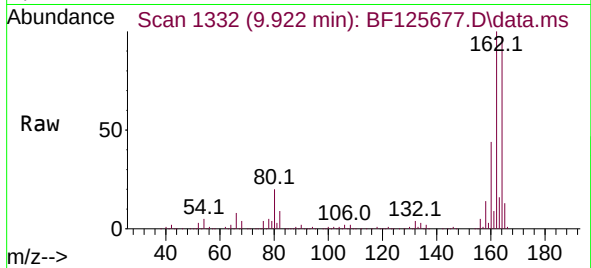
Tgt Ion:165 Resp: 69016
Ion Ratio Lower Upper
165 100
63 0.7 42.6 63.8#
89 1.3 40.6 60.8#



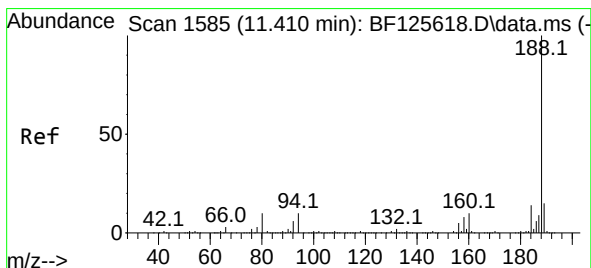
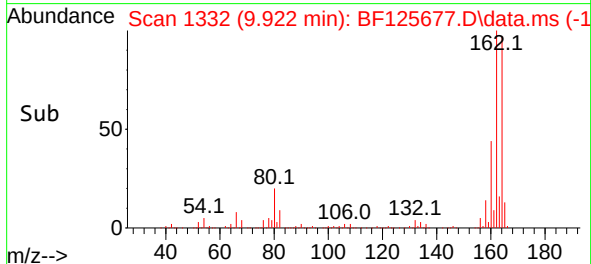
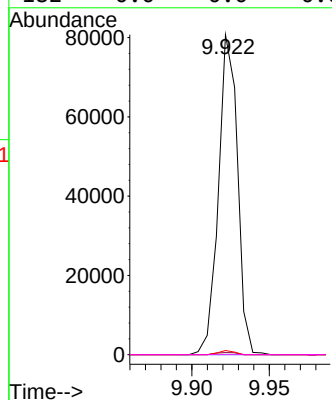


#57
2,4-Dinitrotoluene
Concen: 11.443 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125677.D
Acq: 27 Sep 2021 17:57

Instrument :
BNA_F
ClientSampleId :

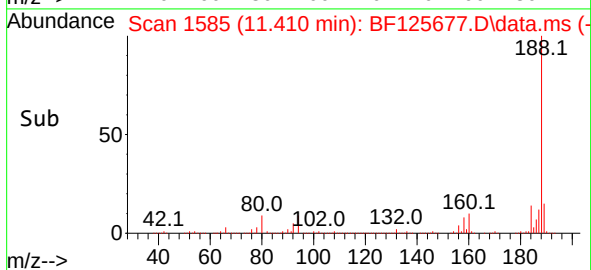
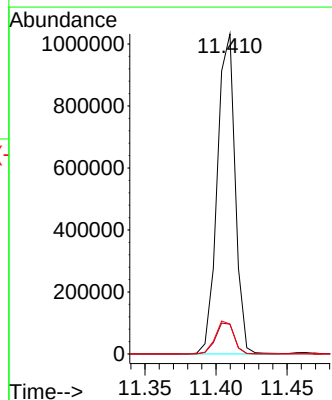
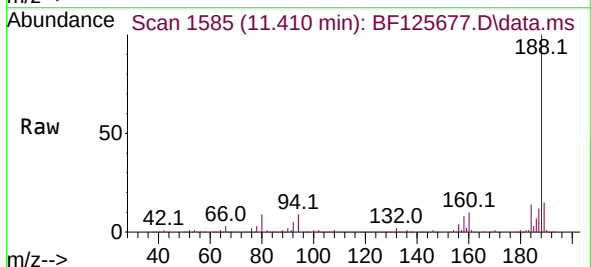


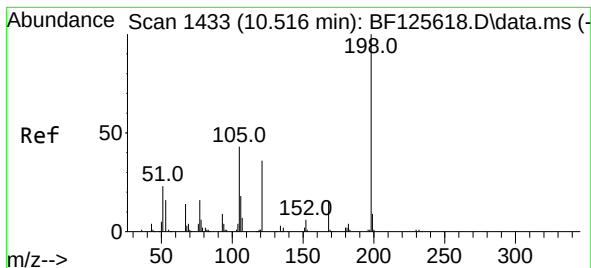
Tgt Ion:165 Resp: 69016
Ion Ratio Lower Upper
165 100
63 0.7 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF125677.D
Acq: 27 Sep 2021 17:57

Tgt Ion:188 Resp: 905056
Ion Ratio Lower Upper
188 100
94 9.3 6.7 10.1
80 9.4 7.5 11.3

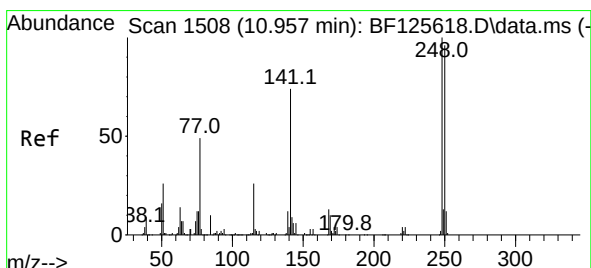
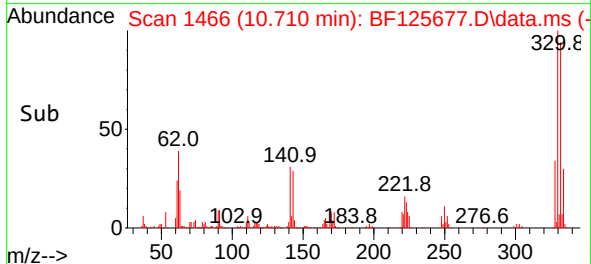
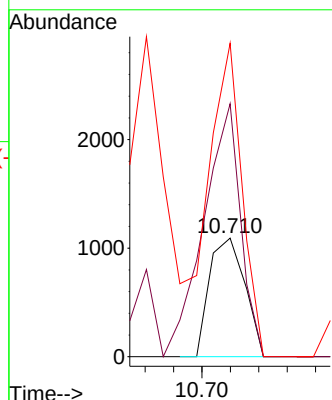
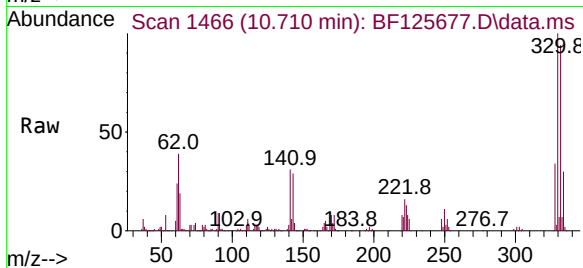




#65
4,6-Dinitro-2-methylphenol
Concen: 9.187 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125677.D
Acq: 27 Sep 2021 17:57

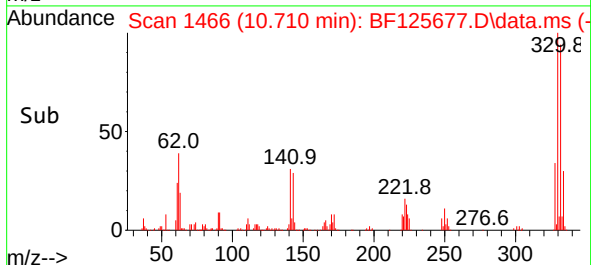
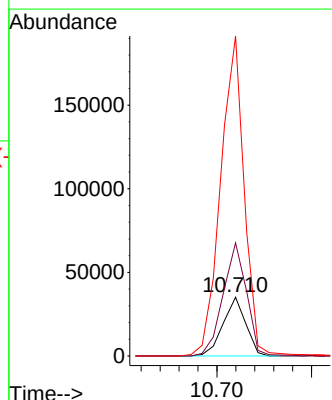
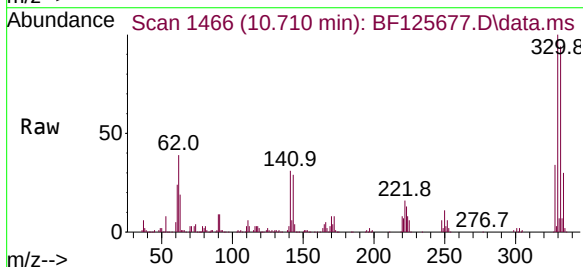
Instrument :
BNA_F
ClientSampleId :

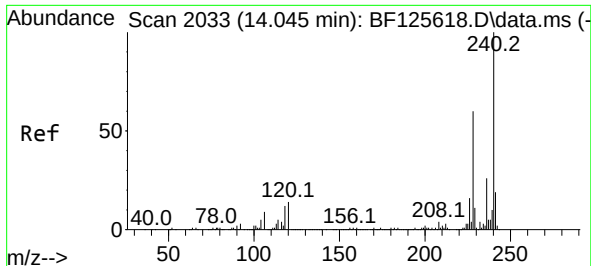
Tgt Ion:198 Resp: 944
Ion Ratio Lower Upper
198 100
51 213.4 45.3 85.3#
105 264.4 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.079 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125677.D
Acq: 27 Sep 2021 17:57

Tgt Ion:248 Resp: 29249
Ion Ratio Lower Upper
248 100
250 192.7 74.2 111.4#
141 545.2 60.4 90.6#

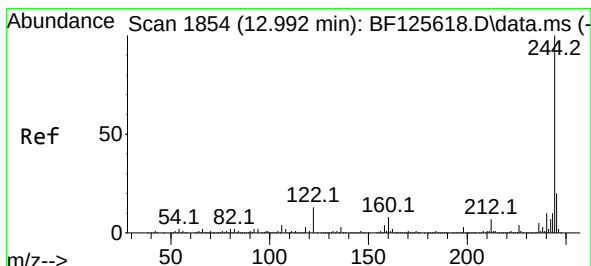
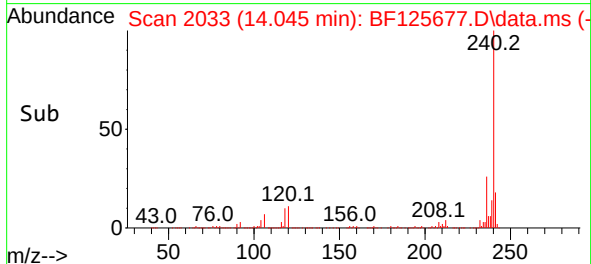
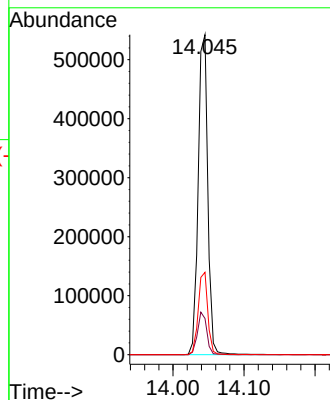
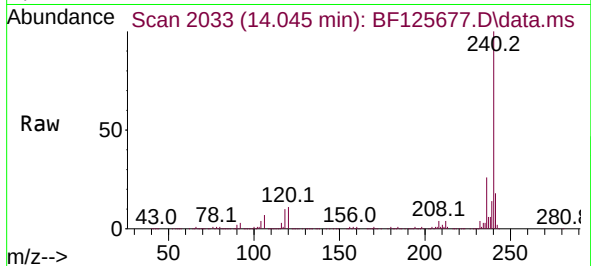




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF125677.D
Acq: 27 Sep 2021 17:57

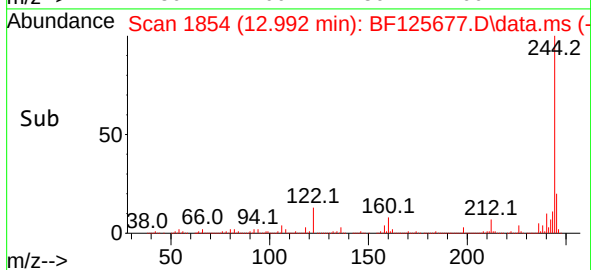
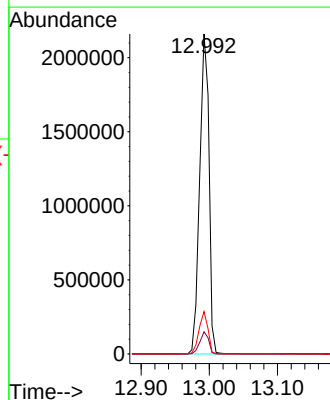
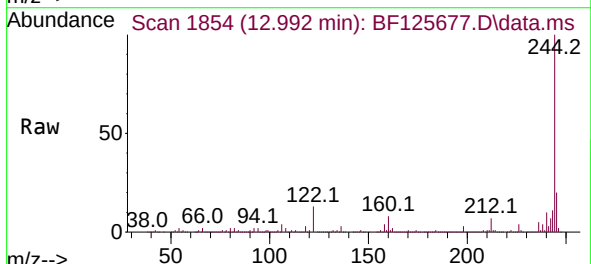
Instrument :
BNA_F
ClientSampleId :

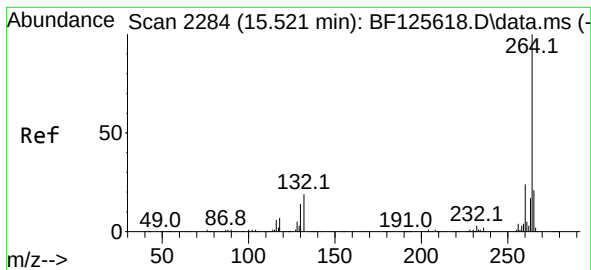
Tgt Ion:240 Resp: 510530
Ion Ratio Lower Upper
240 100
120 11.3 10.8 16.2
236 25.8 21.6 32.4



#79
Terphenyl-d14
Concen: 69.156 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF125677.D
Acq: 27 Sep 2021 17:57

Tgt Ion:244 Resp: 2038752
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 13.2 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF125677.D
 Acq: 27 Sep 2021 17:57

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:264 Resp: 437148
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.6 29.4
 265 20.3 17.2 25.8

