

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
 Data File : BF125944.D
 Acq On : 26 Oct 2021 20:39
 Operator : JU/CG
 Sample : M4348-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 354

Quant Time: Oct 27 09:04:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 25 18:49:16 2021
 Response via : Initial Calibration

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

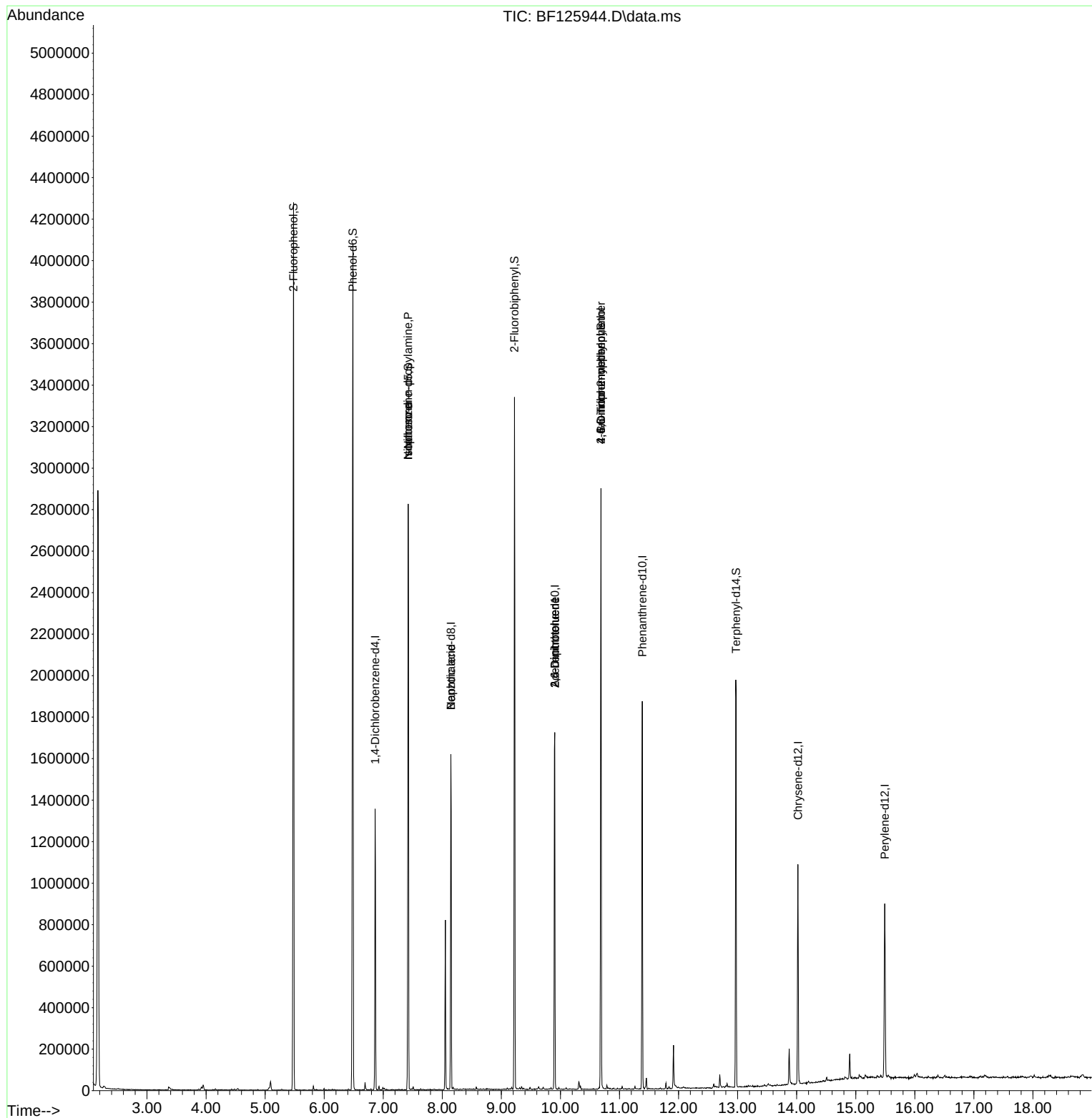
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	164984	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	663308	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	365602	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	626763	20.000	ng	0.00
76) Chrysene-d12	14.021	240	321442	20.000	ng	-0.01
86) Perylene-d12	15.492	264	346222	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	964744	87.100	ng	0.00
7) Phenol-d6	6.487	99	1208417	79.543	ng	0.00
23) Nitrobenzene-d5	7.422	82	807053	62.847	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	272478	85.494	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	951357	46.017	ng	-0.01
79) Terphenyl-d14	12.974	244	665564	33.869	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	108471	12.497	ng	# 68
25) Isophorone	7.422	82	806722	32.988	ng	# 59
32) Benzoic acid	8.145	122	138	4.188	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	44975	10.068	ng	# 28
57) 2,4-Dinitrotoluene	9.904	165	44975	8.197	ng	# 20
58) Fluorene	10.686	166	10917	Below Cal		# 92
65) 4,6-Dinitro-2-methylph...	10.686	198	662	6.275	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	18975	2.834	ng	# 1

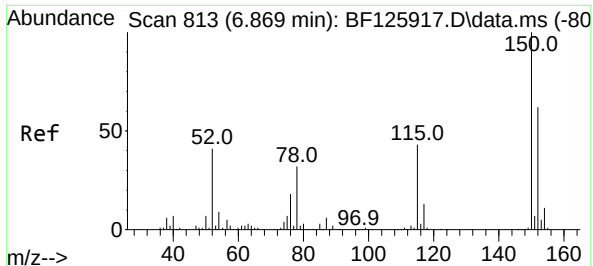
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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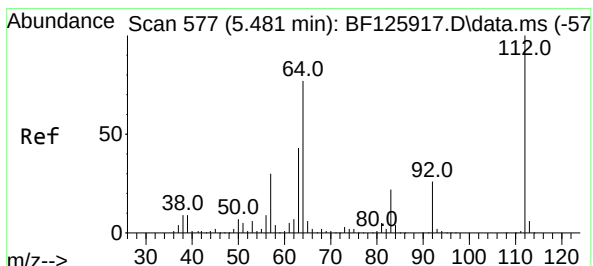
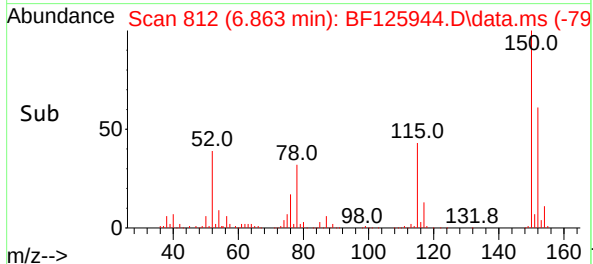
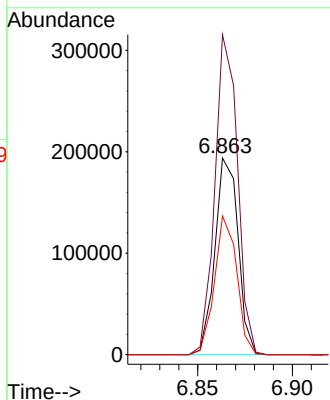
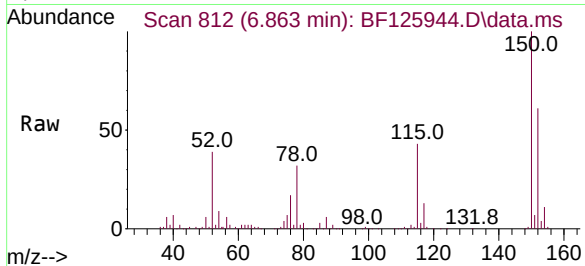




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF125944.D
Acq: 26 Oct 2021 20:39

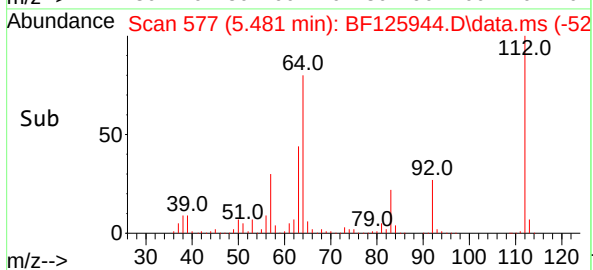
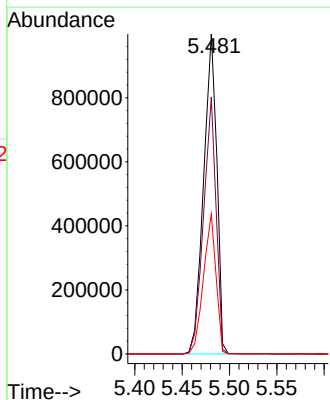
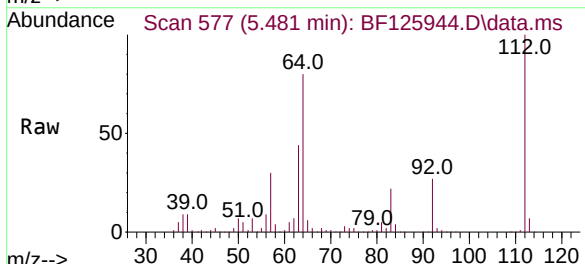
Instrument :
BNA_F
ClientSampled :
354

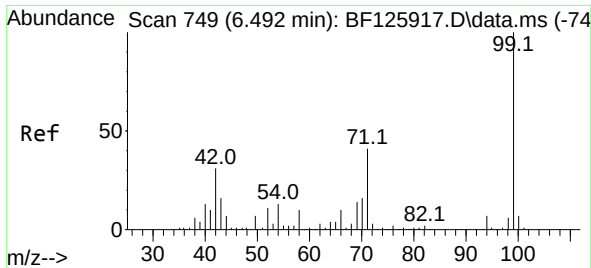
Tgt Ion:152 Resp: 164984
Ion Ratio Lower Upper
152 100
150 162.7 117.6 176.4
115 70.4 47.1 70.7



#5
2-Fluorophenol
Concen: 87.100 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF125944.D
Acq: 26 Oct 2021 20:39

Tgt Ion:112 Resp: 964744
Ion Ratio Lower Upper
112 100
64 80.3 44.2 66.2#
63 43.7 26.2 39.2#

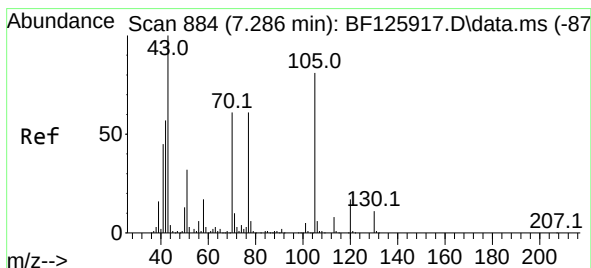
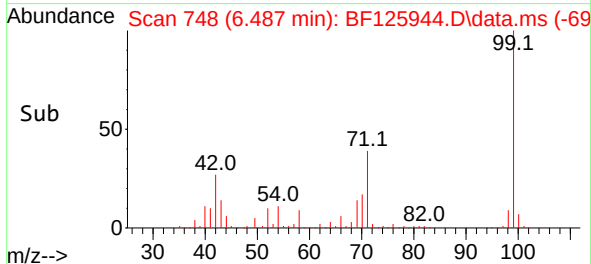
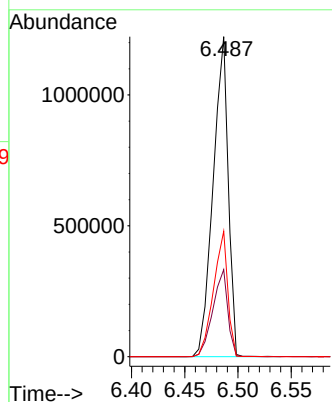
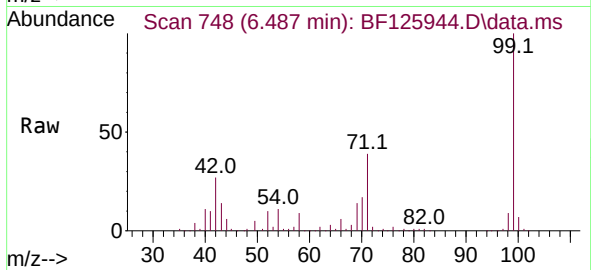




#7
Phenol-d6
Concen: 79.543 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF125944.D
Acq: 26 Oct 2021 20:39

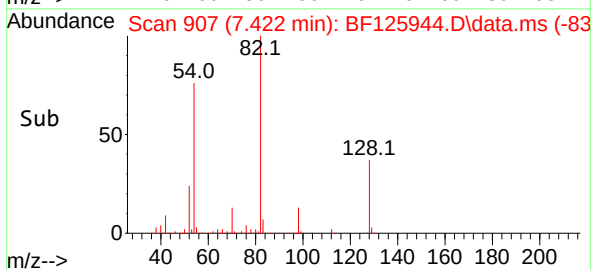
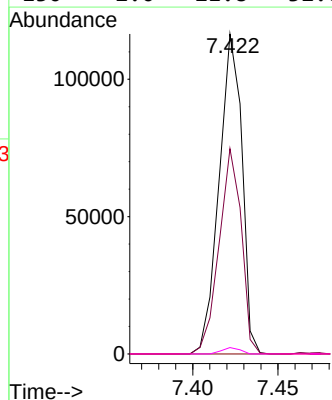
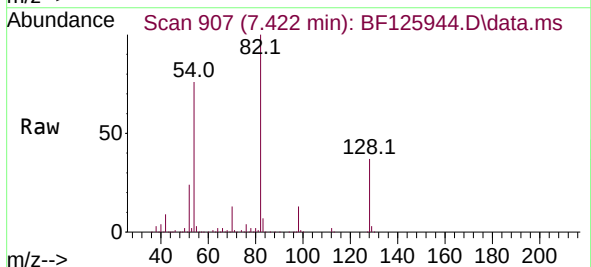
Instrument :
BNA_F
ClientSampled :
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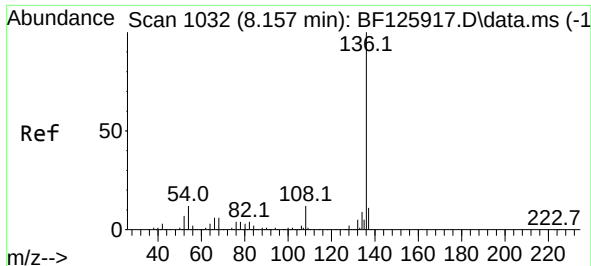
Tgt Ion: 99 Resp: 1208417
Ion Ratio Lower Upper
99 100
42 27.2 23.5 35.3
71 39.2 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 12.497 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF125944.D
Acq: 26 Oct 2021 20:39

Tgt Ion: 70 Resp: 108471
Ion Ratio Lower Upper
70 100
42 64.1 72.2 108.2#
101 0.0 7.8 11.8#
130 2.0 21.8 32.6#

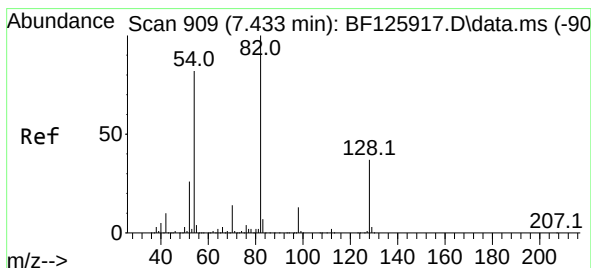
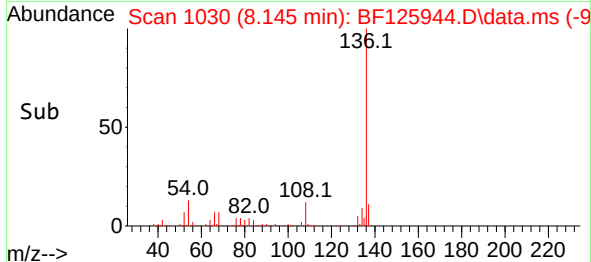
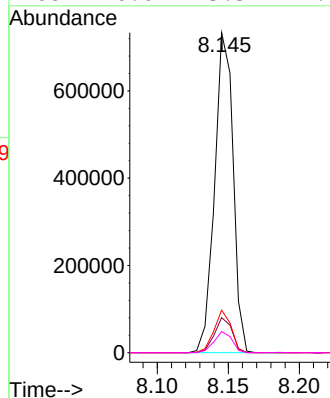
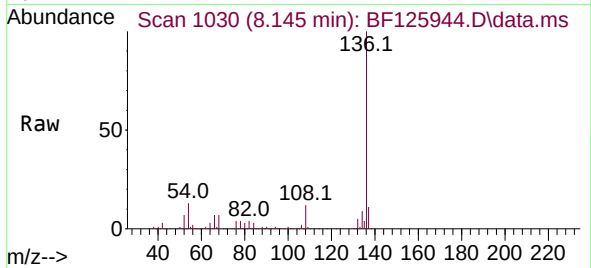




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF125944.D
Acq: 26 Oct 2021 20:39

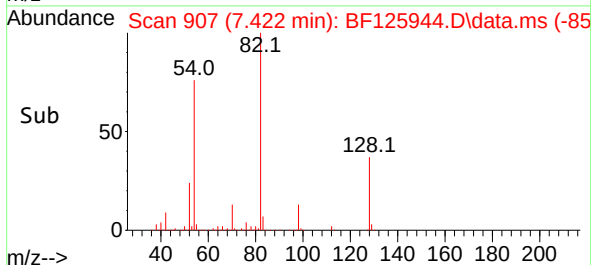
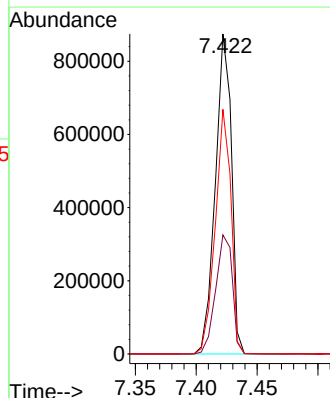
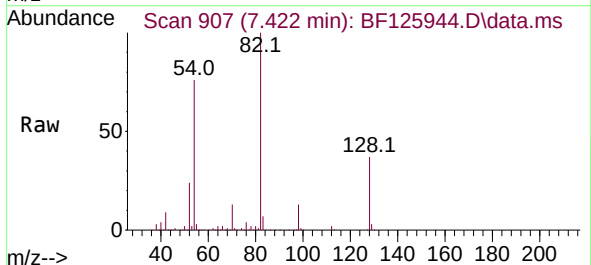
Instrument :
BNA_F
ClientSampled :
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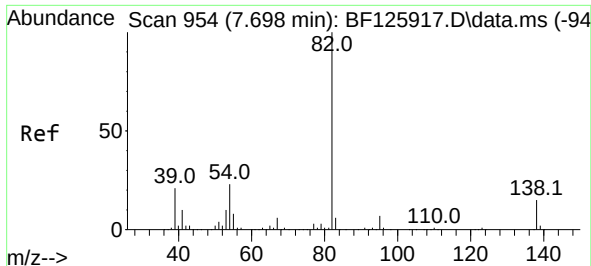
Tgt Ion:	136	Resp:	663308
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.8	14.6
54	13.3	6.4	9.6#
68	6.6	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 62.847 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF125944.D
Acq: 26 Oct 2021 20:39

Tgt Ion:	82	Resp:	807053
Ion Ratio	Lower	Upper	
82	100		
128	37.2	40.6	60.8#
54	76.4	49.6	74.4#

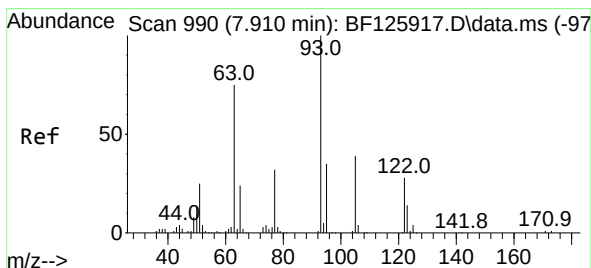
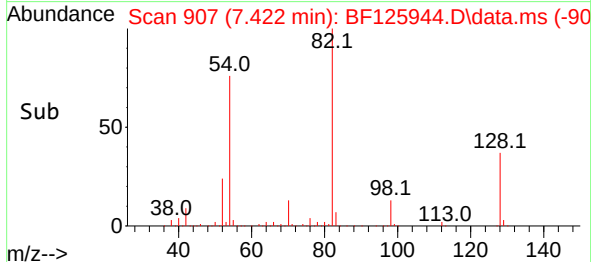
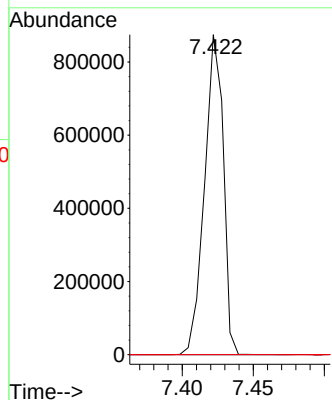
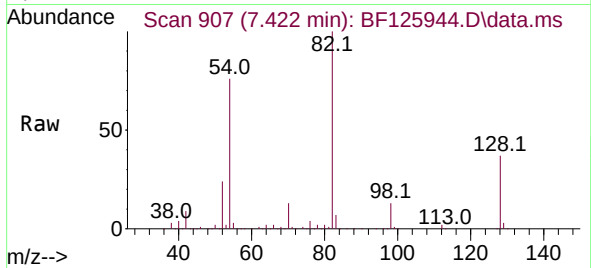




#25
Isophorone
Concen: 32.988 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.276 min
Lab File: BF125944.D
Acq: 26 Oct 2021 20:39

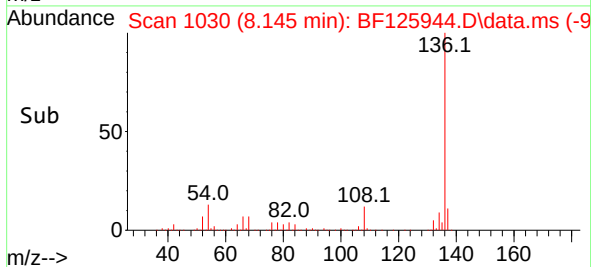
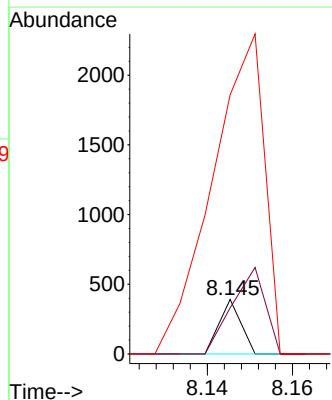
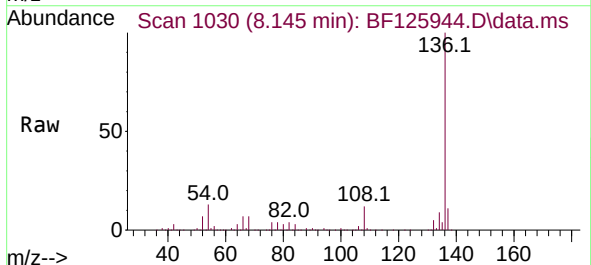
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ClientSampled :
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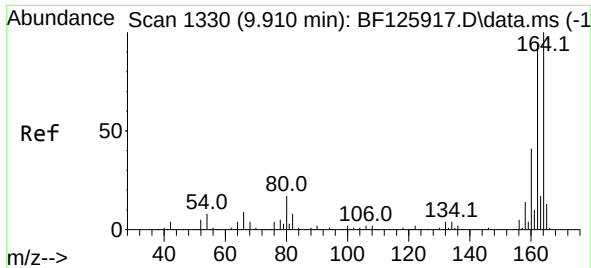
Tgt Ion: 82 Resp: 806722
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 4.188 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.235 min
Lab File: BF125944.D
Acq: 26 Oct 2021 20:39

Tgt Ion: 122 Resp: 138
Ion Ratio Lower Upper
122 100
105 84.4 97.6 137.6#
77 475.4 59.6 99.6#

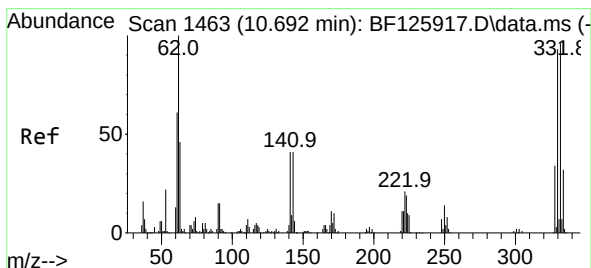
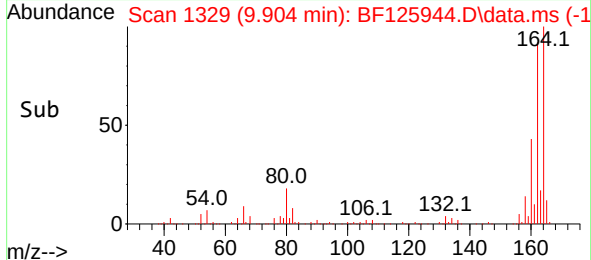
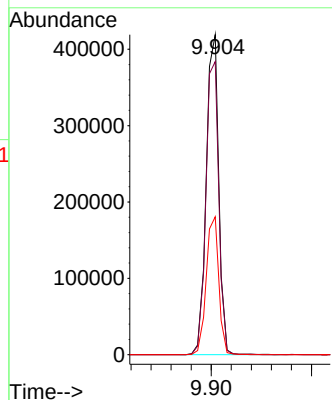
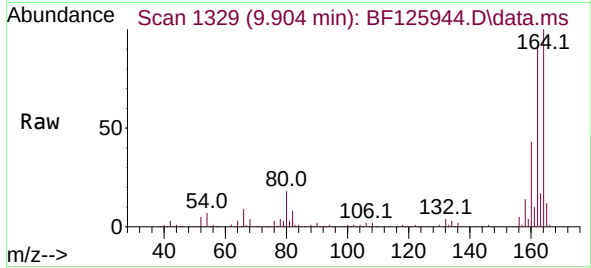




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF125944.D
Acq: 26 Oct 2021 20:39

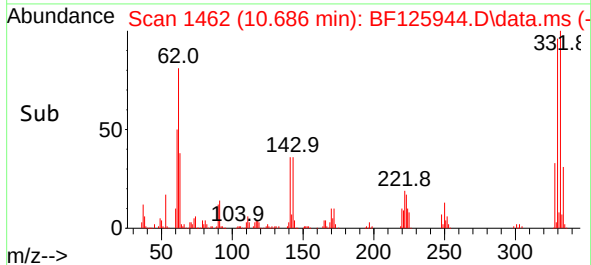
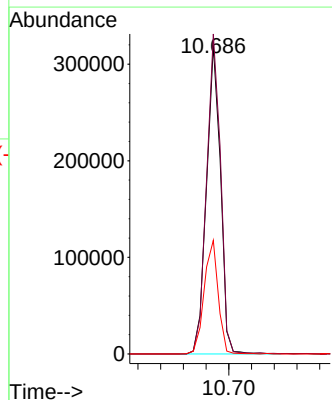
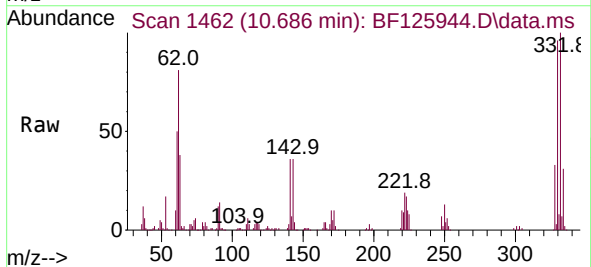
Instrument :
BNA_F
ClientSampled :
354

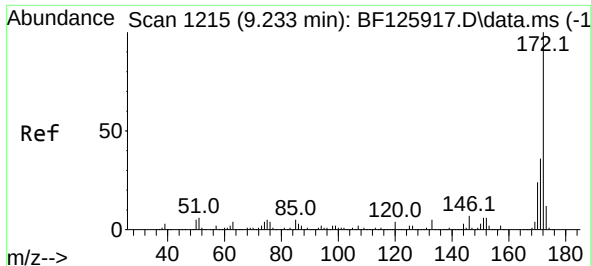
Tgt Ion:164 Resp: 365602
Ion Ratio Lower Upper
164 100
162 91.6 81.3 121.9
160 43.1 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 85.494 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF125944.D
Acq: 26 Oct 2021 20:39

Tgt Ion:330 Resp: 272478
Ion Ratio Lower Upper
330 100
332 103.9 76.2 114.4
141 36.9 44.6 66.8#

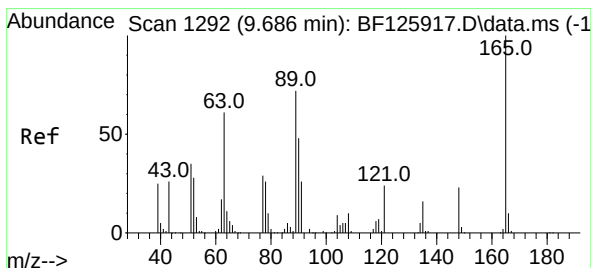
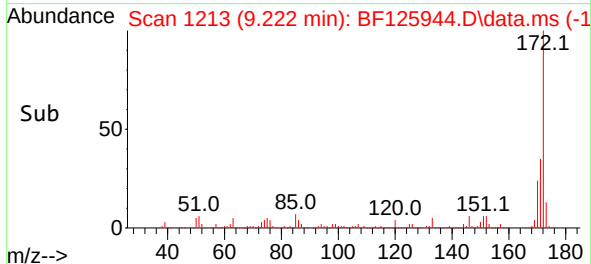
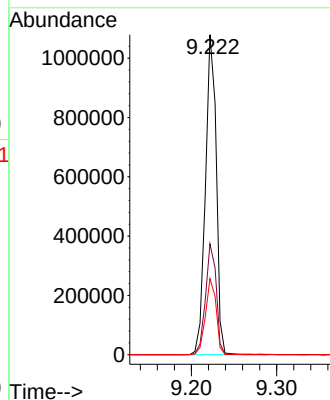
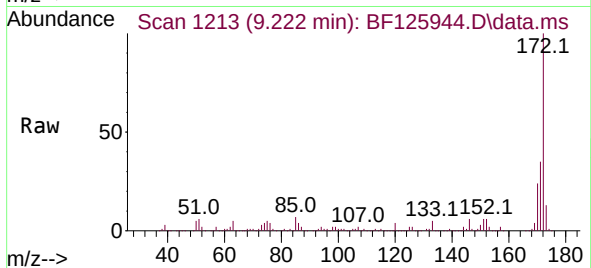




#45
2-Fluorobiphenyl
Concen: 46.017 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF125944.D
Acq: 26 Oct 2021 20:39

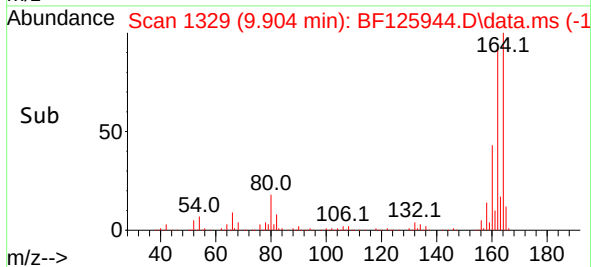
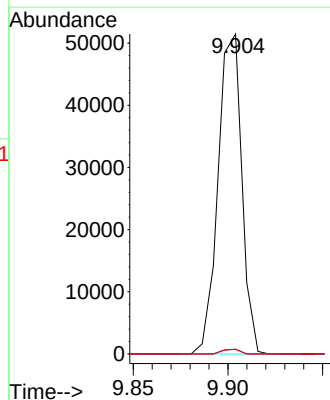
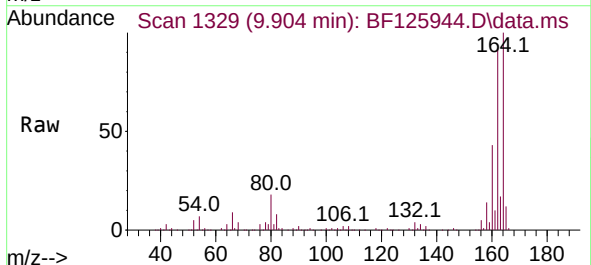
Instrument :
BNA_F
ClientSampled :
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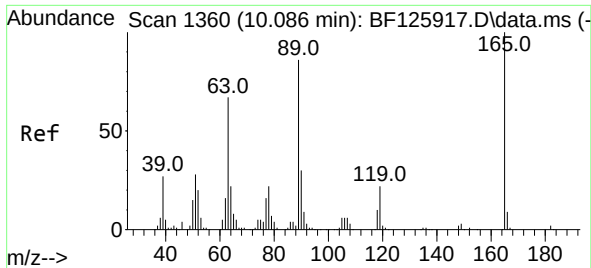
Tgt Ion:172 Resp: 951357
Ion Ratio Lower Upper
172 100
171 34.6 26.5 39.7
170 23.8 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 10.068 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.218 min
Lab File: BF125944.D
Acq: 26 Oct 2021 20:39

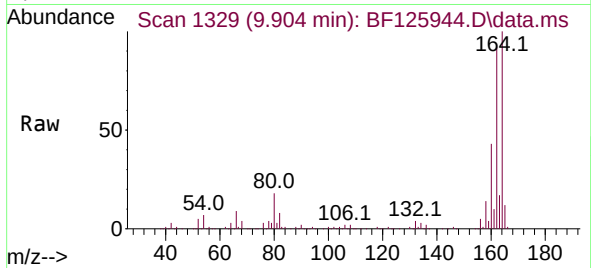
Tgt Ion:165 Resp: 44975
Ion Ratio Lower Upper
165 100
63 1.5 42.6 63.8#
89 1.4 40.6 60.8#



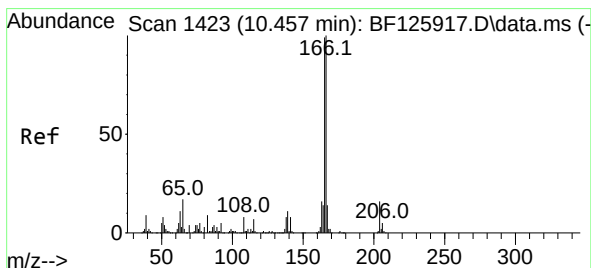
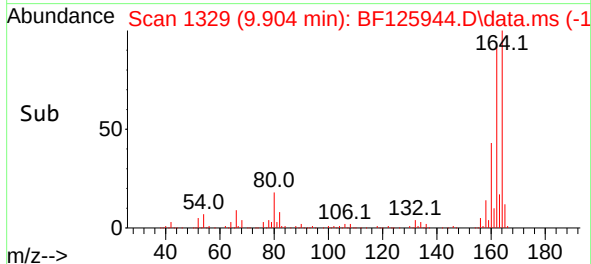
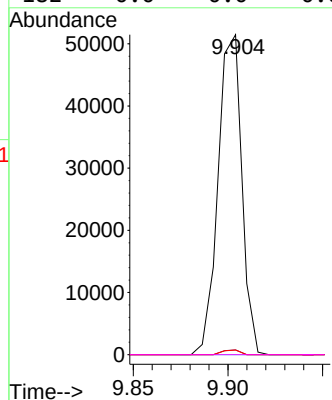


#57
2,4-Dinitrotoluene
Concen: 8.197 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.182 min
Lab File: BF125944.D
Acq: 26 Oct 2021 20:39

Instrument :
BNA_F
ClientSampled :
354

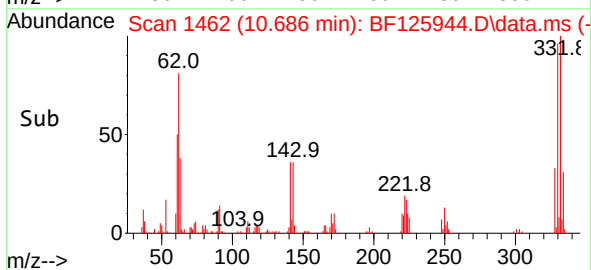
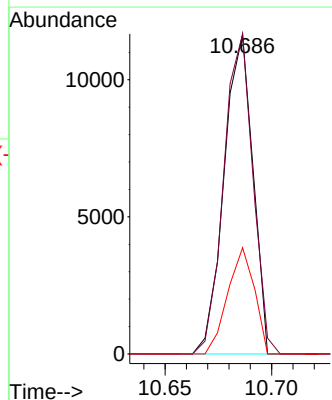
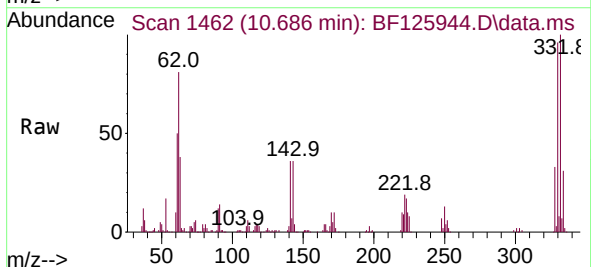


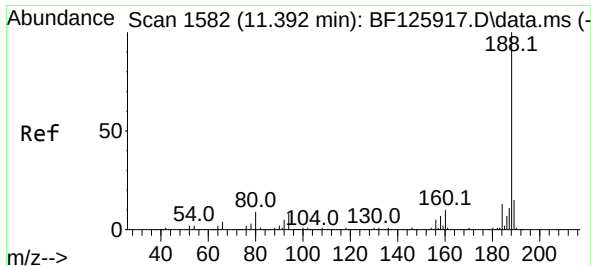
Tgt Ion:165 Resp: 44975
Ion Ratio Lower Upper
165 100
63 1.5 40.9 61.3#
89 1.4 59.7 89.5#
182 0.0 0.0 0.0



#58
Fluorene
Concen: Below Cal
RT: 10.686 min Scan# 1462
Delta R.T. 0.229 min
Lab File: BF125944.D
Acq: 26 Oct 2021 20:39

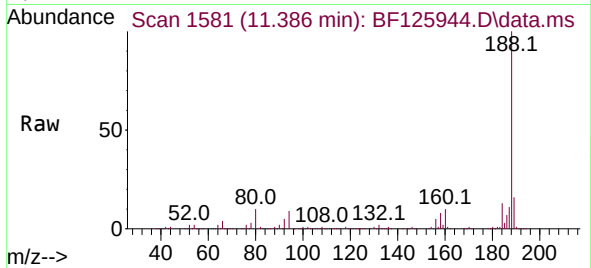
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Ion Ratio Lower Upper
166 100
165 100.1 78.1 117.1
167 33.2 11.1 16.7#



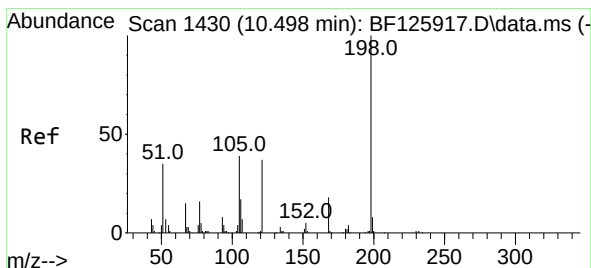
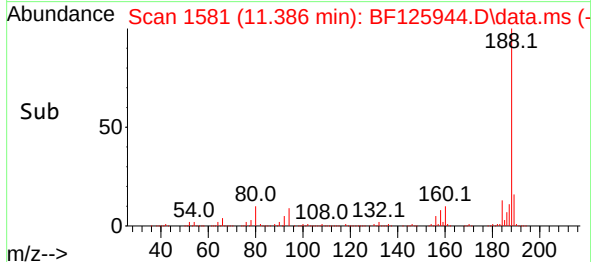
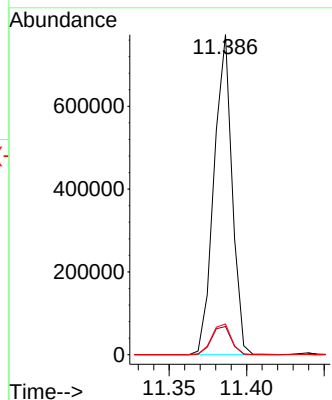


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125944.D
Acq: 26 Oct 2021 20:39

Instrument :
BNA_F
ClientSampled :
354

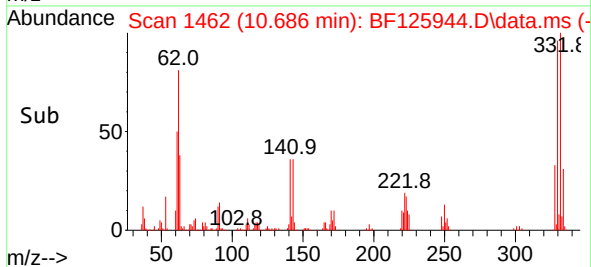
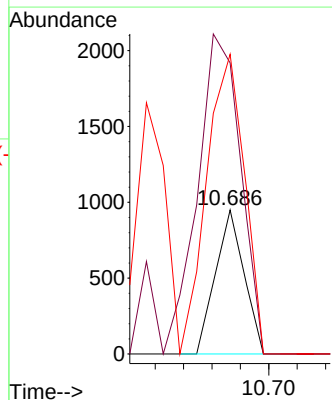
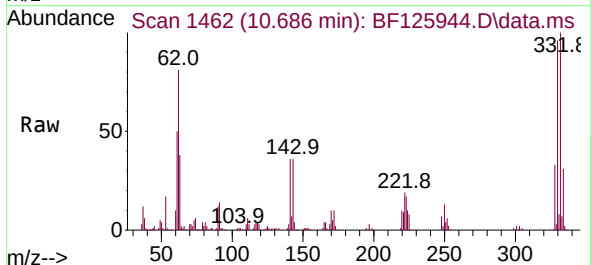


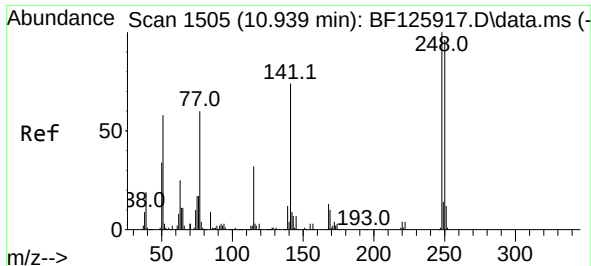
Tgt Ion:188 Resp: 626763
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 9.6 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 6.275 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF125944.D
Acq: 26 Oct 2021 20:39

Tgt Ion:198 Resp: 662
Ion Ratio Lower Upper
198 100
51 202.0 45.3 85.3#
105 208.0 30.6 70.6#

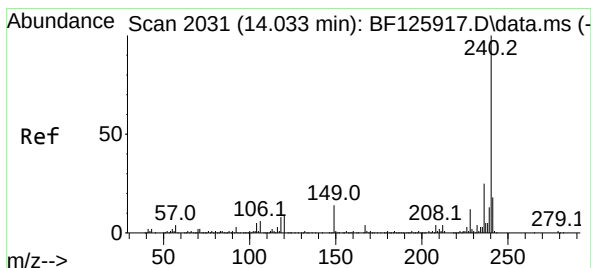
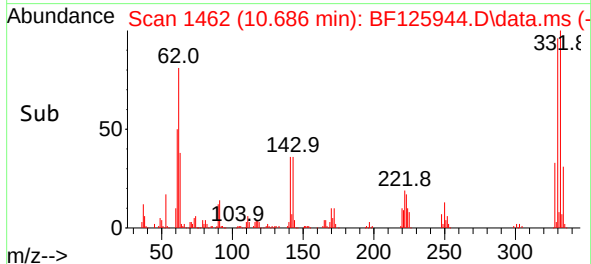
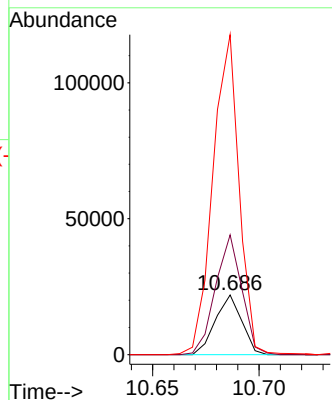
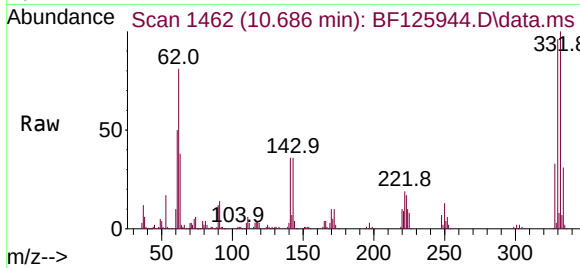




#67
4-Bromophenyl-phenylether
Concen: 2.834 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF125944.D
Acq: 26 Oct 2021 20:39

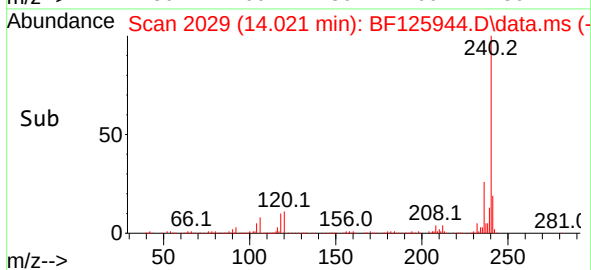
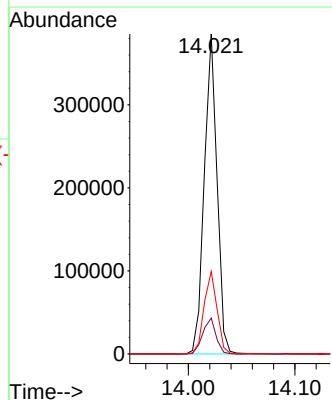
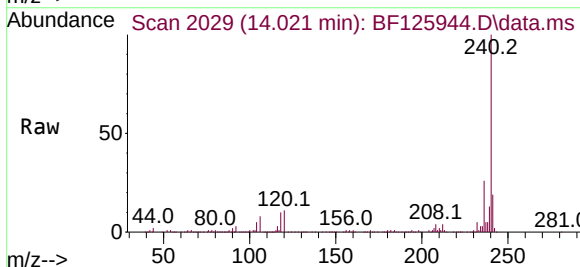
Instrument :
BNA_F
ClientSampled :
354

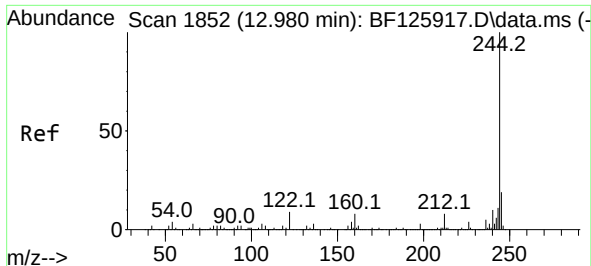
Tgt Ion:248 Resp: 18975
Ion Ratio Lower Upper
248 100
250 201.0 74.2 111.4#
141 536.3 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF125944.D
Acq: 26 Oct 2021 20:39

Tgt Ion:240 Resp: 321442
Ion Ratio Lower Upper
240 100
120 11.2 10.8 16.2
236 25.8 21.6 32.4

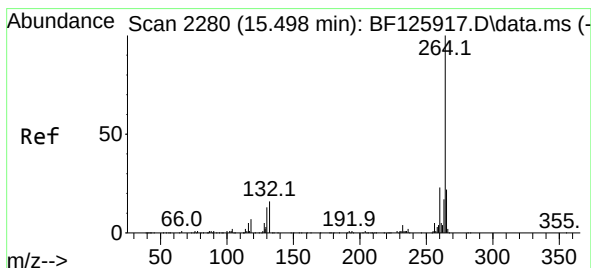
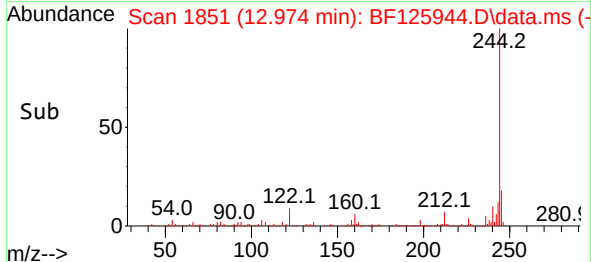
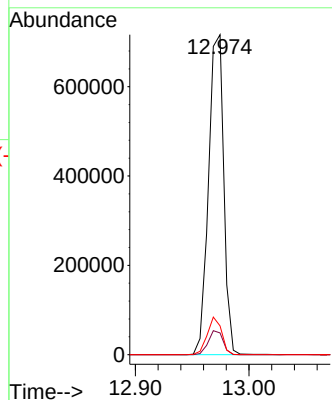
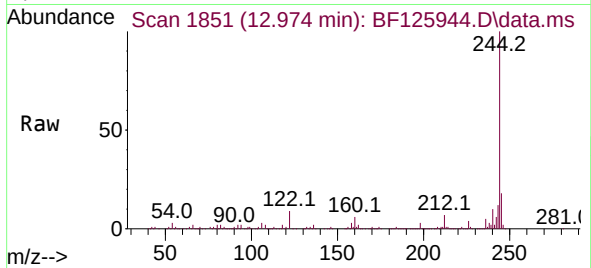




#79
 Terphenyl-d14
 Concen: 33.869 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF125944.D
 Acq: 26 Oct 2021 20:39

Instrument :
 BNA_F
 ClientSampleId :
 354

Tgt Ion:244 Resp: 665564
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 9.0 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF125944.D
 Acq: 26 Oct 2021 20:39

Tgt Ion:264 Resp: 346222
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.6 29.4
 265 22.2 17.2 25.8

