

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102521\
 Data File : BF125922.D
 Acq On : 25 Oct 2021 17:39
 Operator : JU/CG
 Sample : PB140166BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB140166BL

Quant Time: Oct 26 08:45:17 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)

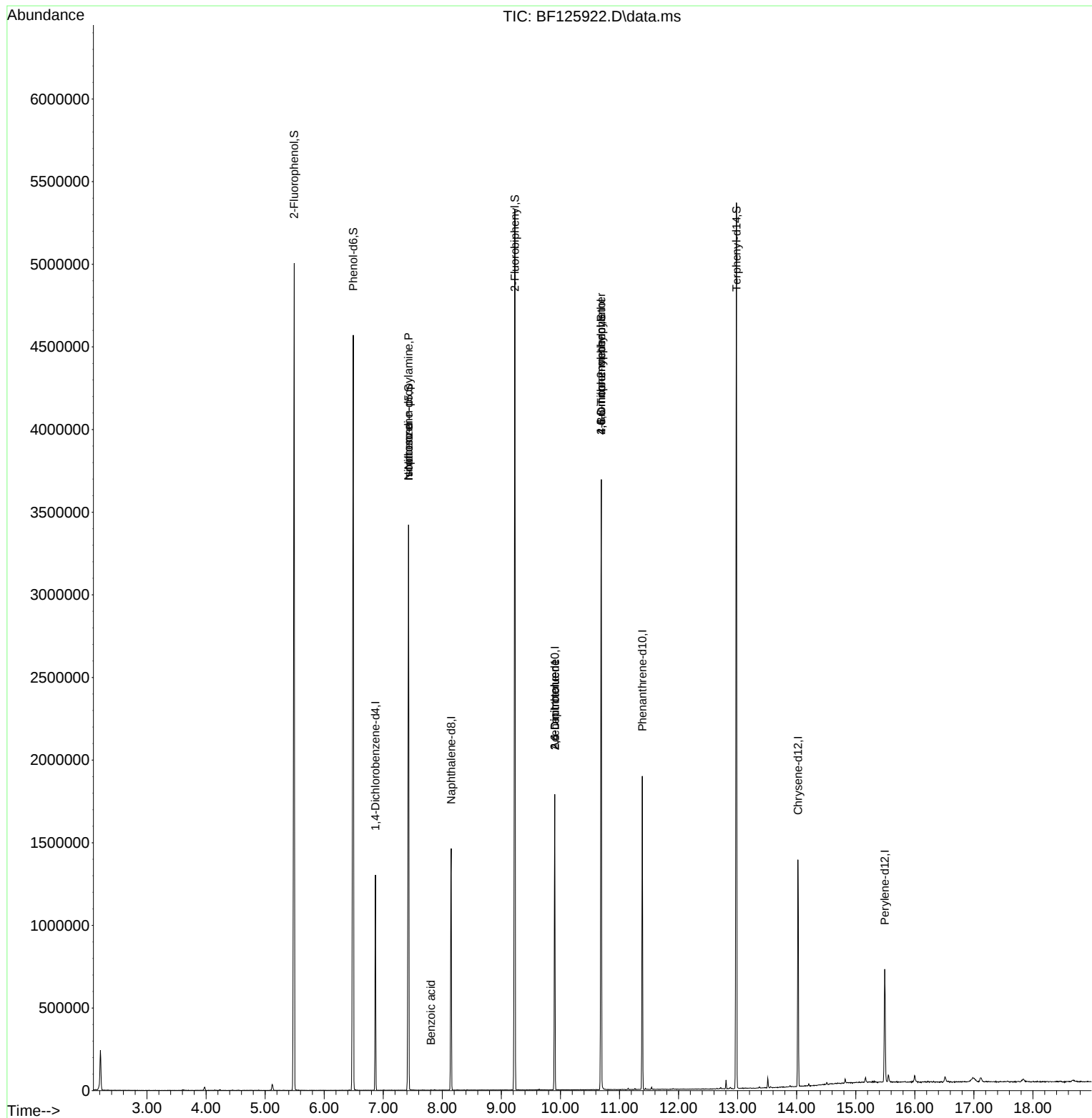
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	155573	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	636251	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	349223	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	639279	20.000	ng	0.00
76) Chrysene-d12	14.021	240	443417	20.000	ng	#-0.01
86) Perylene-d12	15.492	264	295857	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1224087	117.200	ng	0.01
7) Phenol-d6	6.492	99	1526232	106.540	ng	0.00
23) Nitrobenzene-d5	7.428	82	1069770	86.848	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	376973	123.828	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1656296	83.873	ng	0.00
79) Terphenyl-d14	12.980	244	1844975	68.060	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	148735	18.173	ng	# 68
25) Isophorone	7.428	82	1064081	45.362	ng	# 59
32) Benzoic acid	7.810	122	261	4.206	ng	# 48
51) 2,6-Dinitrotoluene	9.904	165	44935	10.531	ng	# 28
57) 2,4-Dinitrotoluene	9.904	165	44935	8.574	ng	# 20
58) Fluorene	10.692	166	13239	Below Cal	#	78
65) 4,6-Dinitro-2-methylph...	10.692	198	1093	6.405	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	25689	3.762	ng	# 1

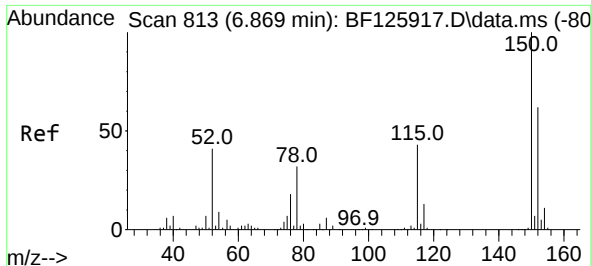
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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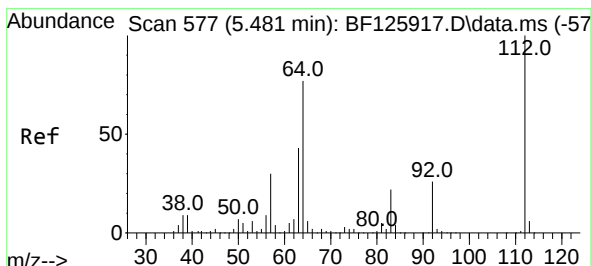
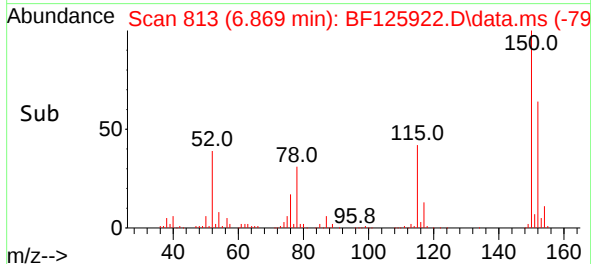
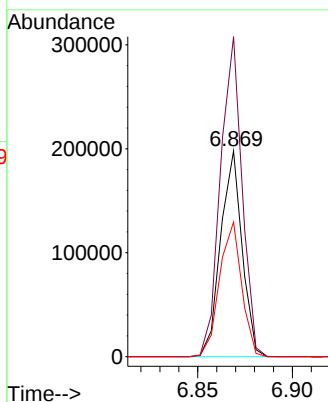
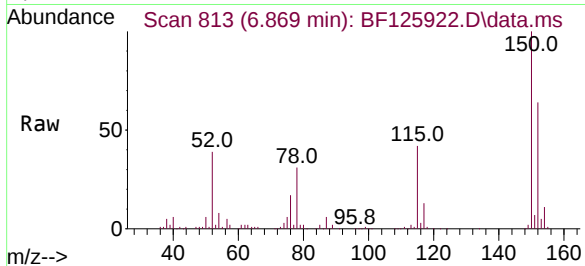




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF125922.D
Acq: 25 Oct 2021 17:39

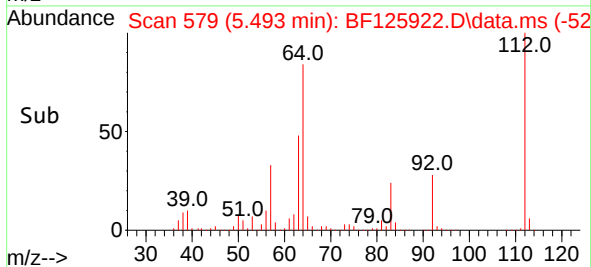
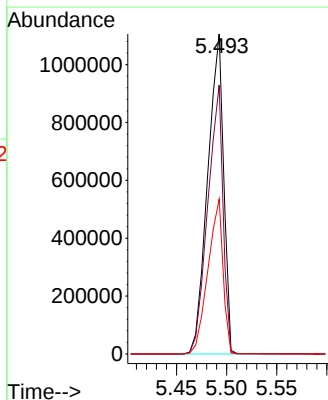
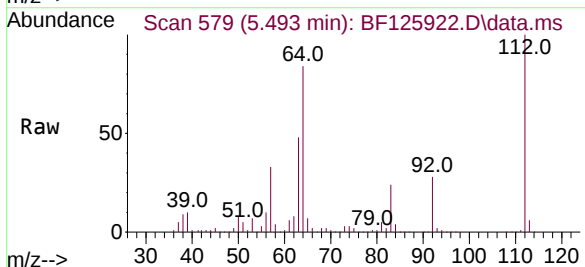
Instrument :
BNA_F
ClientSampleId :
PB140166BL

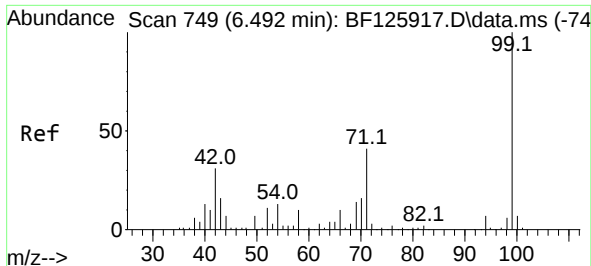
Tgt Ion:152 Resp: 155573
Ion Ratio Lower Upper
152 100
150 155.6 117.6 176.4
115 65.5 47.1 70.7



#5
2-Fluorophenol
Concen: 117.200 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF125922.D
Acq: 25 Oct 2021 17:39

Tgt Ion:112 Resp: 1224087
Ion Ratio Lower Upper
112 100
64 84.0 44.2 66.2#
63 48.4 26.2 39.2#

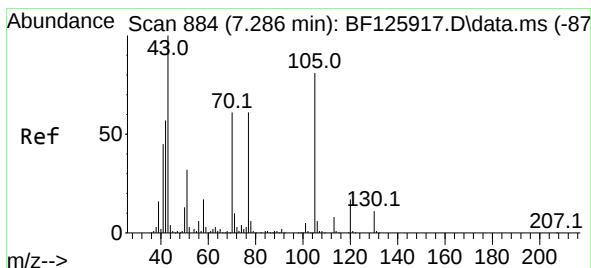
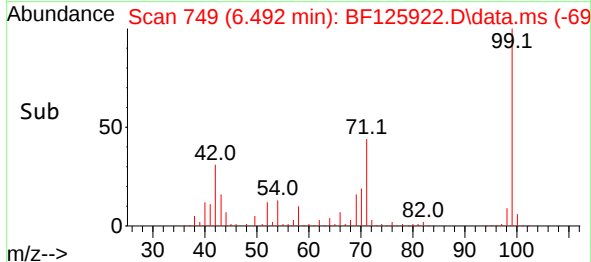
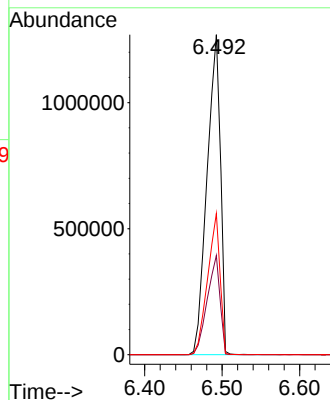
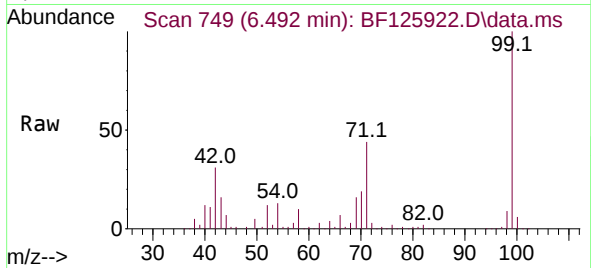




#7
Phenol-d6
Concen: 106.540 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF125922.D
Acq: 25 Oct 2021 17:39

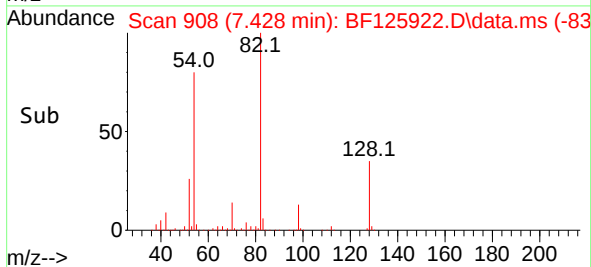
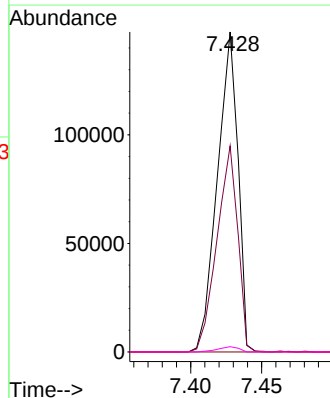
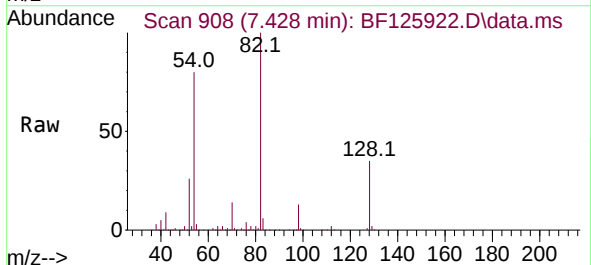
Instrument :
BNA_F
ClientSampleId :
PB140166BL

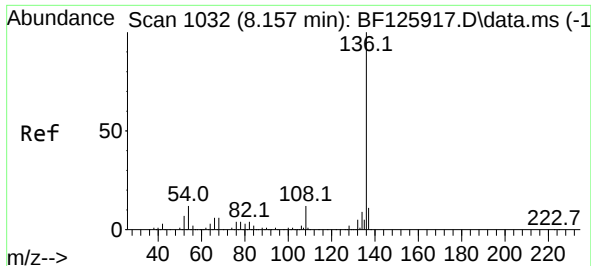
Tgt Ion: 99 Resp: 1526232
Ion Ratio Lower Upper
99 100
42 31.0 23.5 35.3
71 44.1 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 18.173 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF125922.D
Acq: 25 Oct 2021 17:39

Tgt Ion: 70 Resp: 148735
Ion Ratio Lower Upper
70 100
42 64.4 72.2 108.2#
101 0.0 7.8 11.8#
130 1.7 21.8 32.6#

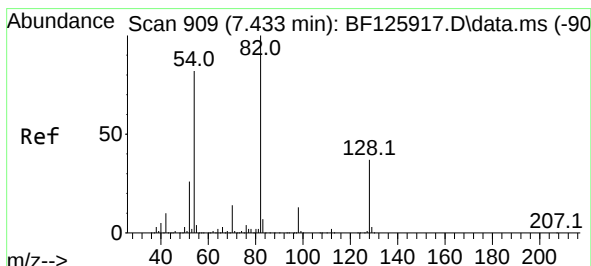
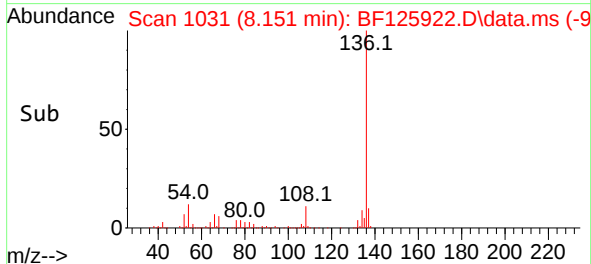
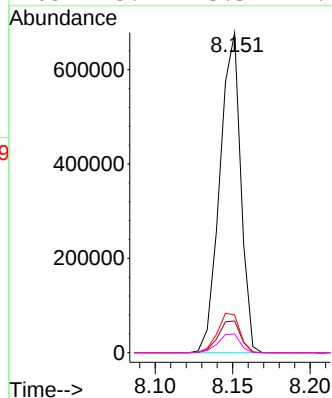
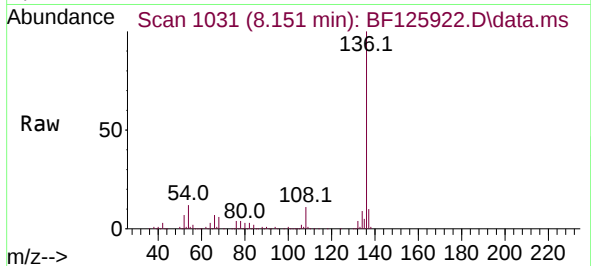




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF125922.D
Acq: 25 Oct 2021 17:39

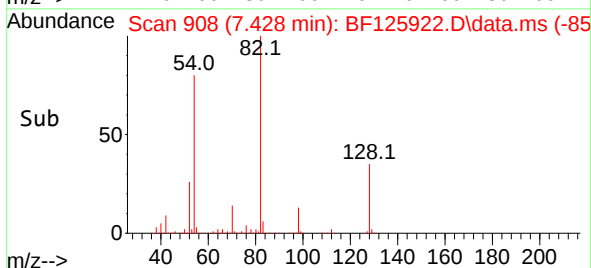
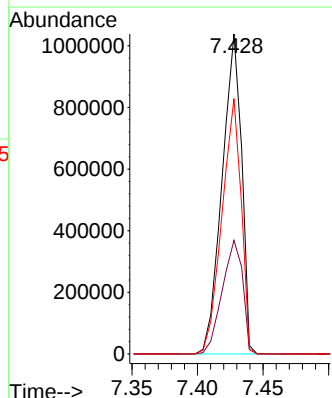
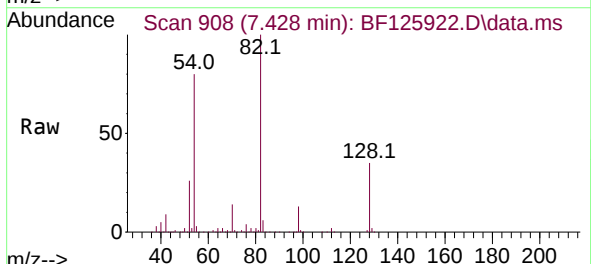
Instrument :
BNA_F
ClientSampleId :
PB140166BL

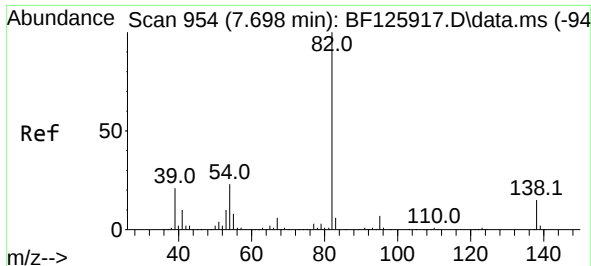
Tgt Ion:	136	Resp:	636251
Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.8	14.6
54	11.8	6.4	9.6#
68	5.9	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 86.848 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF125922.D
Acq: 25 Oct 2021 17:39

Tgt Ion:	82	Resp:	1069770
Ion	Ratio	Lower	Upper
82	100		
128	35.5	40.6	60.8#
54	79.8	49.6	74.4#

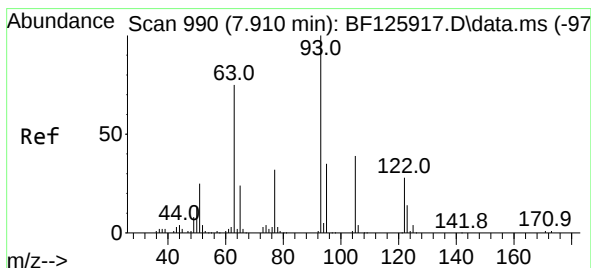
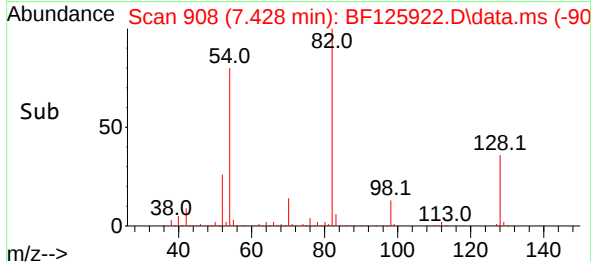
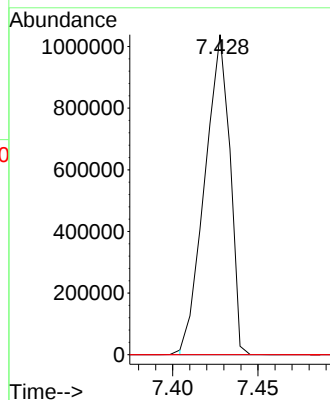
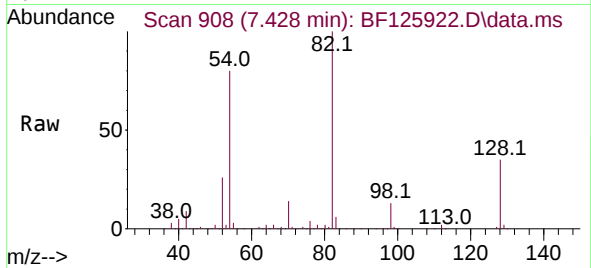




#25
Isophorone
Concen: 45.362 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.270 min
Lab File: BF125922.D
Acq: 25 Oct 2021 17:39

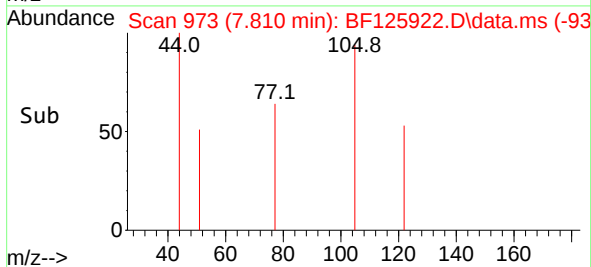
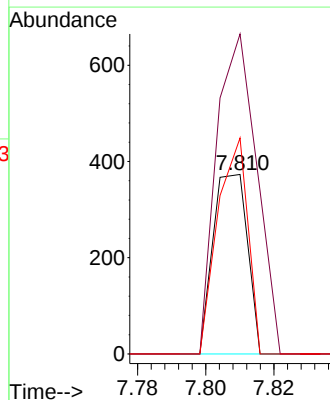
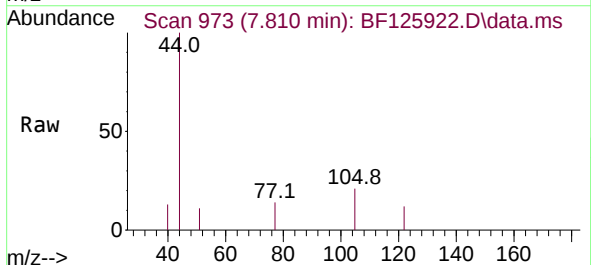
Instrument :
BNA_F
ClientSampleId :
PB140166BL

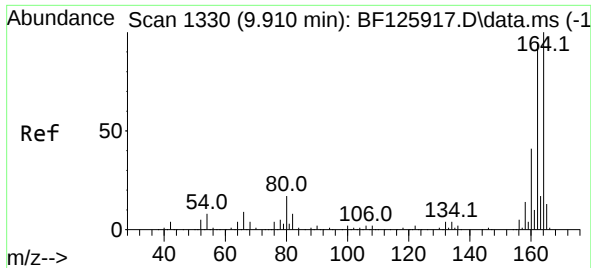
Tgt Ion: 82 Resp: 1064081
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 4.206 ng
RT: 7.810 min Scan# 973
Delta R.T. -0.100 min
Lab File: BF125922.D
Acq: 25 Oct 2021 17:39

Tgt Ion: 122 Resp: 261
Ion Ratio Lower Upper
122 100
105 178.3 97.6 137.6#
77 120.4 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: BF125922.D

Acq: 25 Oct 2021 17:39

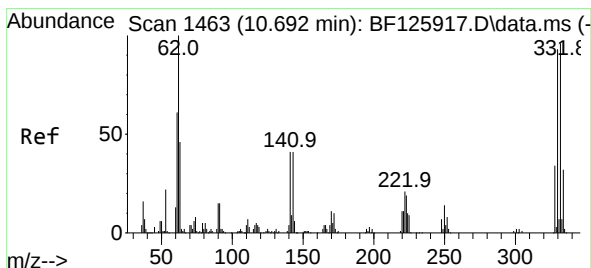
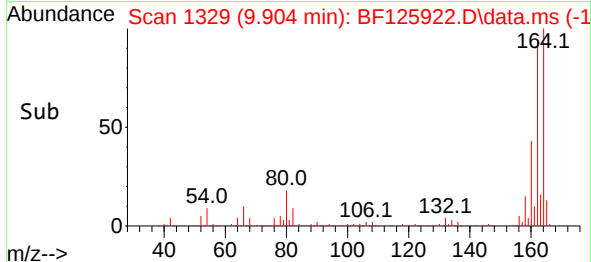
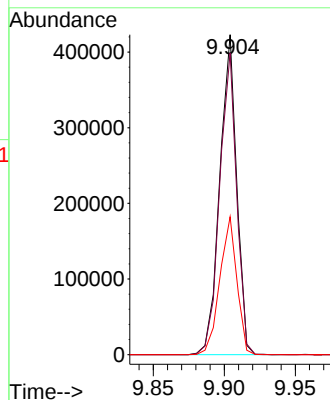
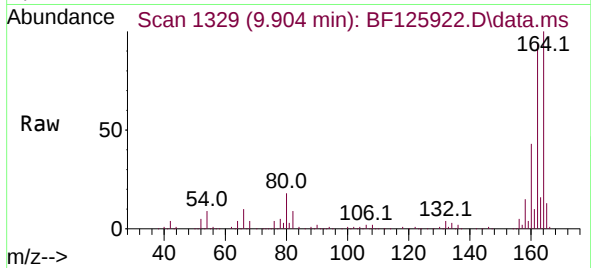
Tgt Ion:164 Resp: 349223

Ion Ratio Lower Upper

164 100

162 94.3 81.3 121.9

160 43.1 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 123.828 ng

RT: 10.692 min Scan# 1463

Delta R.T. 0.000 min

Lab File: BF125922.D

Acq: 25 Oct 2021 17:39

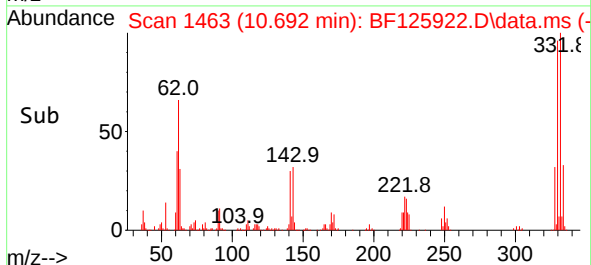
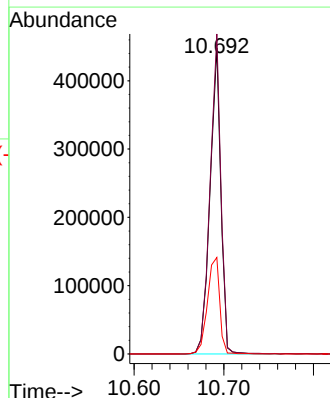
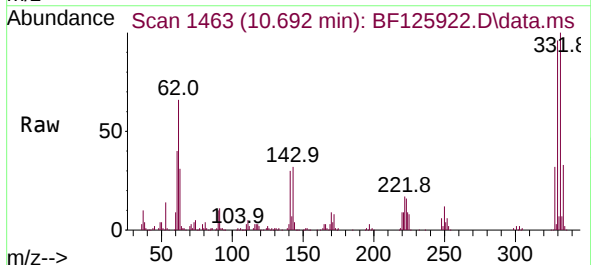
Tgt Ion:330 Resp: 376973

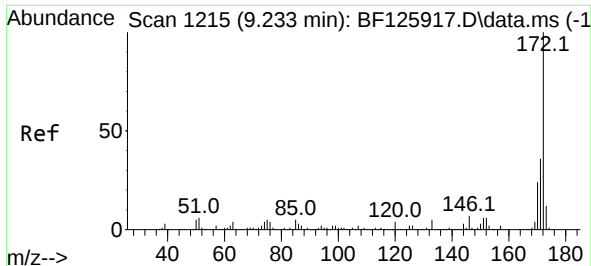
Ion Ratio Lower Upper

330 100

332 104.3 76.2 114.4

141 35.5 44.6 66.8#

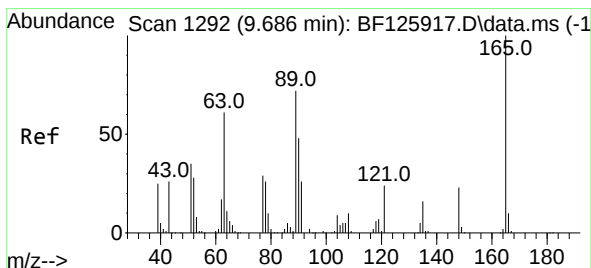
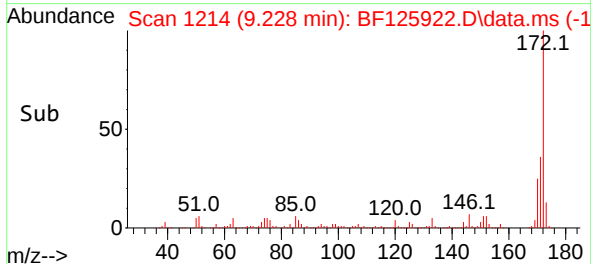
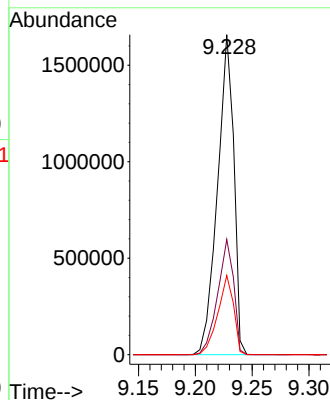
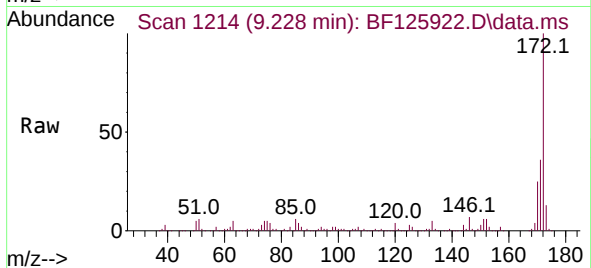




#45
2-Fluorobiphenyl
Concen: 83.873 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125922.D
Acq: 25 Oct 2021 17:39

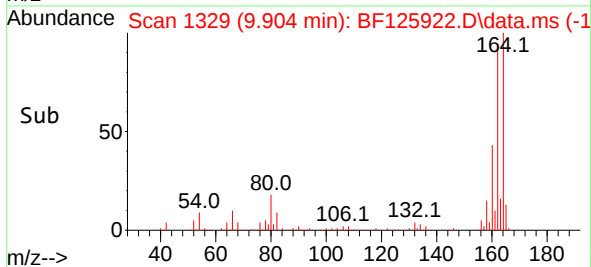
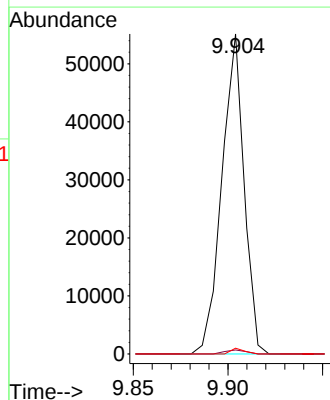
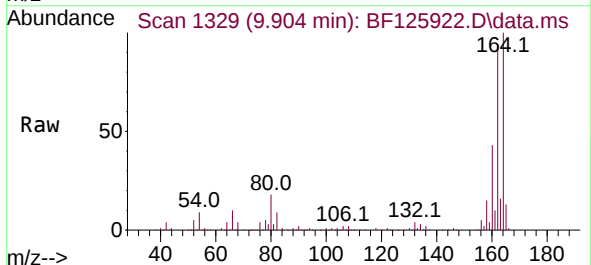
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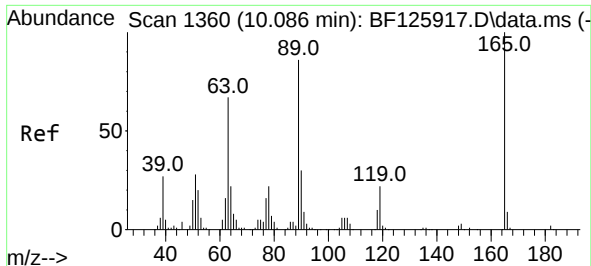
Tgt Ion:172 Resp: 1656296
Ion Ratio Lower Upper
172 100
171 36.0 26.5 39.7
170 24.7 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 10.531 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.218 min
Lab File: BF125922.D
Acq: 25 Oct 2021 17:39

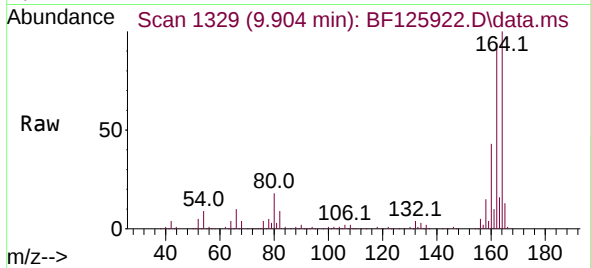
Tgt Ion:165 Resp: 44935
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.8 40.6 60.8#



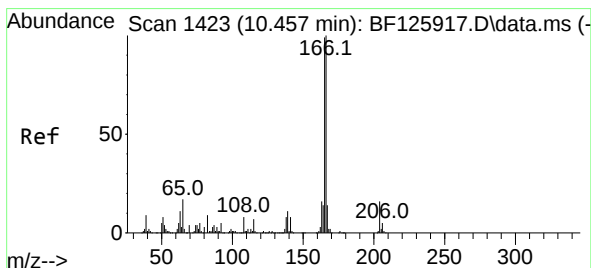
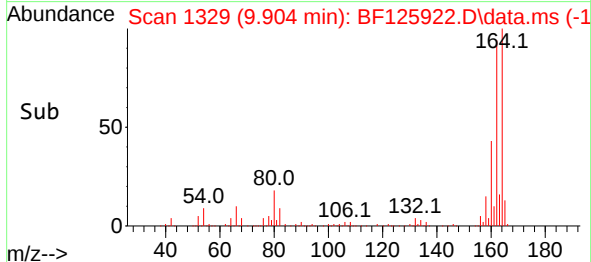
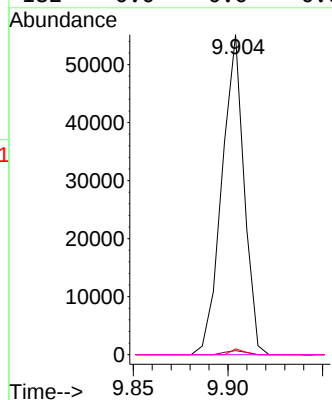


#57
2,4-Dinitrotoluene
Concen: 8.574 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.182 min
Lab File: BF125922.D
Acq: 25 Oct 2021 17:39

Instrument :
BNA_F
ClientSampleId :
PB140166BL

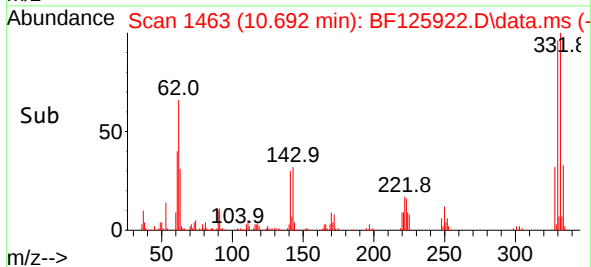
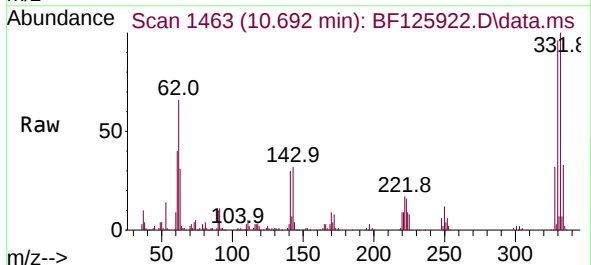
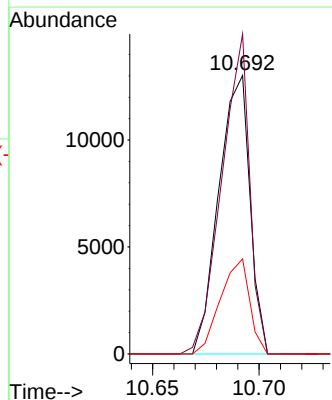


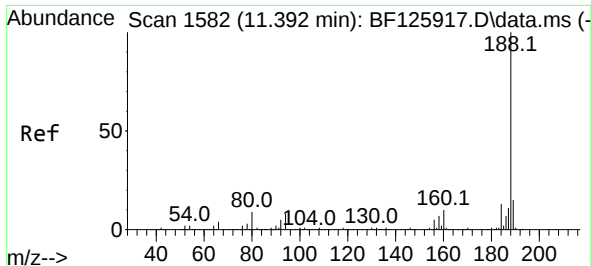
Tgt Ion:165 Resp: 44935
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 1.8 59.7 89.5#
182 0.0 0.0 0.0



#58
Fluorene
Concen: Below Cal
RT: 10.692 min Scan# 1463
Delta R.T. 0.235 min
Lab File: BF125922.D
Acq: 25 Oct 2021 17:39

Tgt Ion:166 Resp: 13239
Ion Ratio Lower Upper
166 100
165 114.9 78.1 117.1
167 34.1 11.1 16.7#

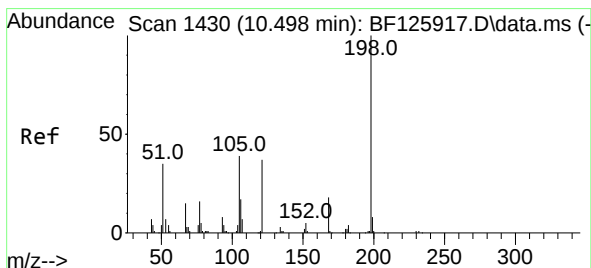
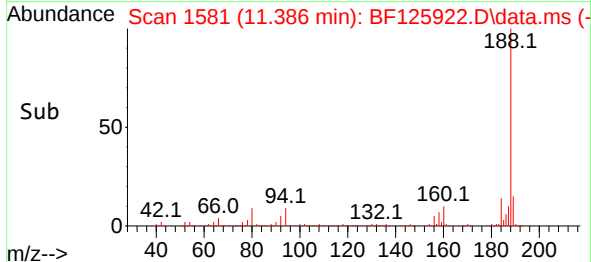
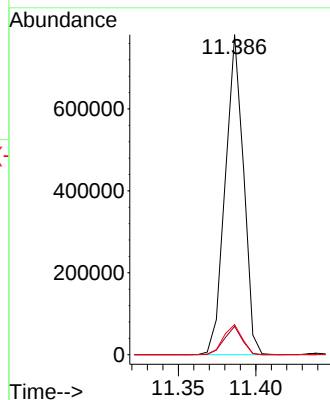
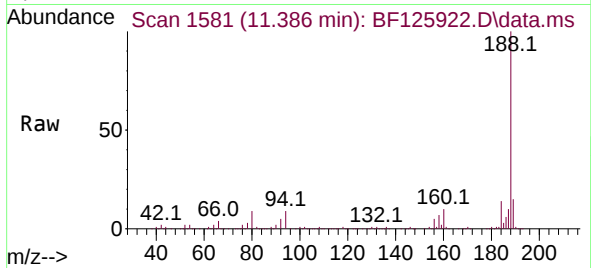




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125922.D
Acq: 25 Oct 2021 17:39

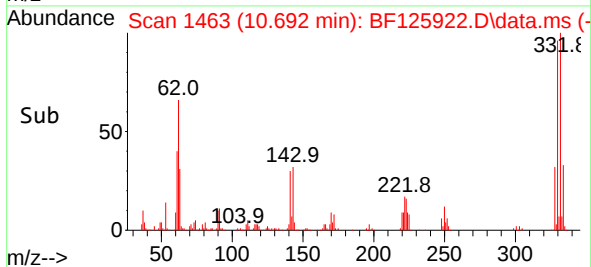
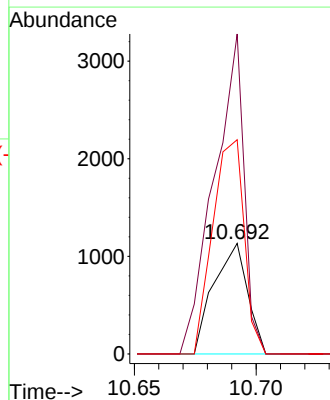
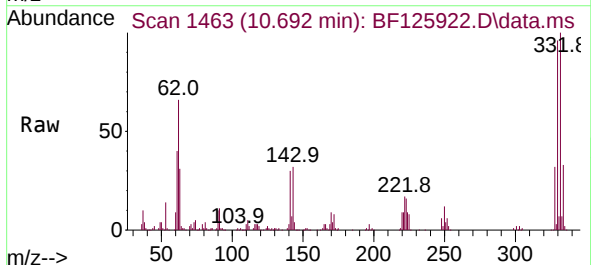
Instrument :
BNA_F
ClientSampleId :
PB140166BL

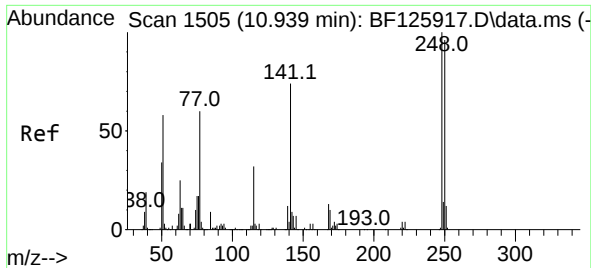
Tgt Ion:188 Resp: 639279
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 9.4 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 6.405 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.194 min
Lab File: BF125922.D
Acq: 25 Oct 2021 17:39

Tgt Ion:198 Resp: 1093
Ion Ratio Lower Upper
198 100
51 289.6 45.3 85.3#
105 193.8 30.6 70.6#

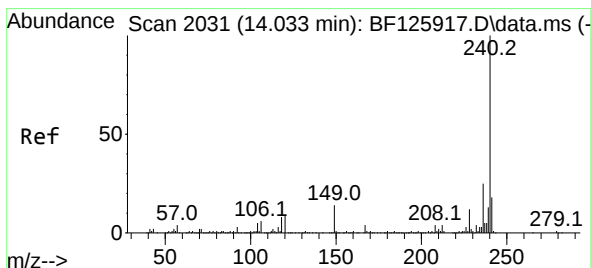
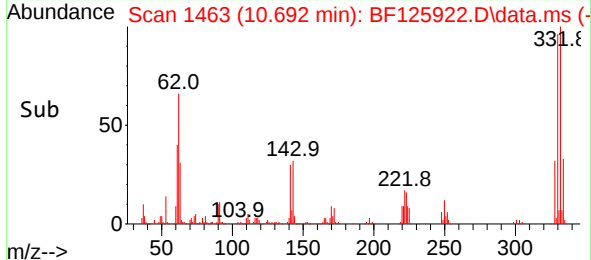
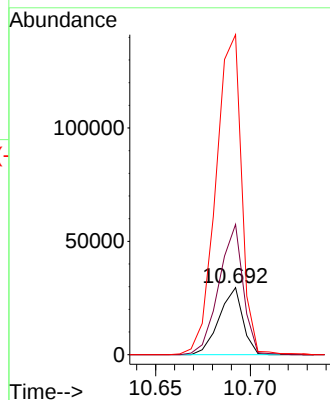
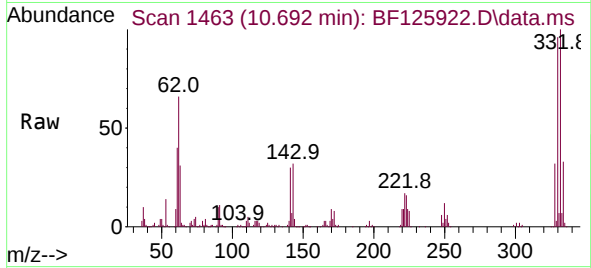




#67
4-Bromophenyl-phenylether
Concen: 3.762 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF125922.D
Acq: 25 Oct 2021 17:39

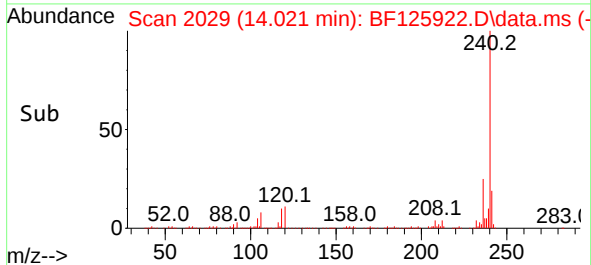
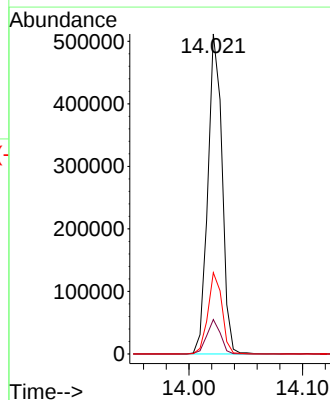
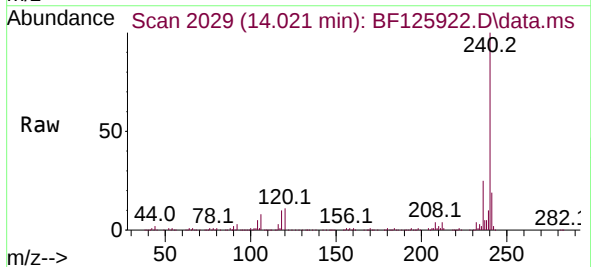
Instrument :
BNA_F
ClientSampleId :
PB140166BL

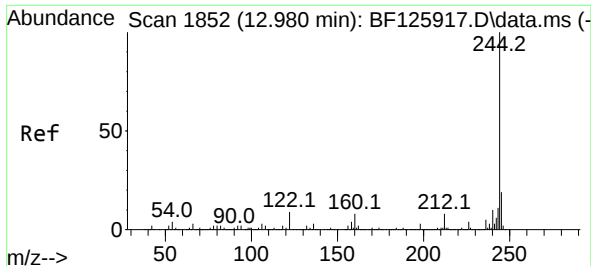
Tgt Ion:248 Resp: 25689
Ion Ratio Lower Upper
248 100
250 194.2 74.2 111.4#
141 477.2 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF125922.D
Acq: 25 Oct 2021 17:39

Tgt Ion:240 Resp: 443417
Ion Ratio Lower Upper
240 100
120 10.8 10.8 16.2#
236 25.4 21.6 32.4



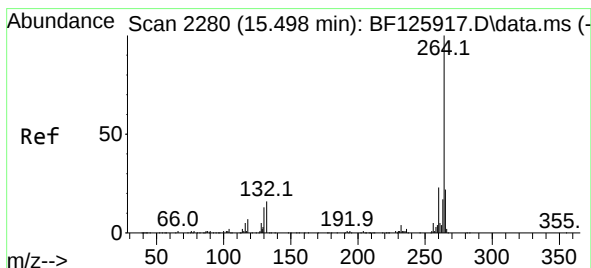
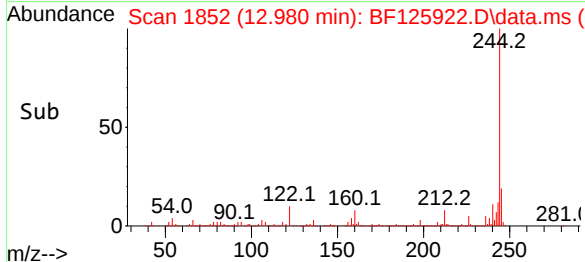
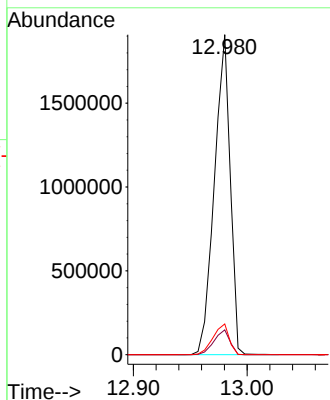
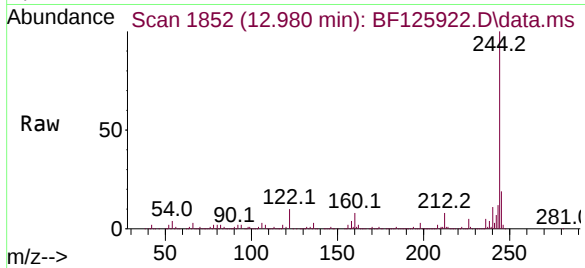


#79
 Terphenyl-d14
 Concen: 68.060 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF125922.D
 Acq: 25 Oct 2021 17:39

Instrument :
 BNA_F
 ClientSampleId :
 PB140166BL

Tgt Ion:244 Resp: 1844975

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	9.6	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: BF125922.D
 Acq: 25 Oct 2021 17:39

Tgt Ion:264 Resp: 295857

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	21.3	17.2	25.8

