

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
 Data File : BF125937.D
 Acq On : 26 Oct 2021 16:49
 Operator : JU/CG
 Sample : M4307-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Oct 27 09:02:43 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)

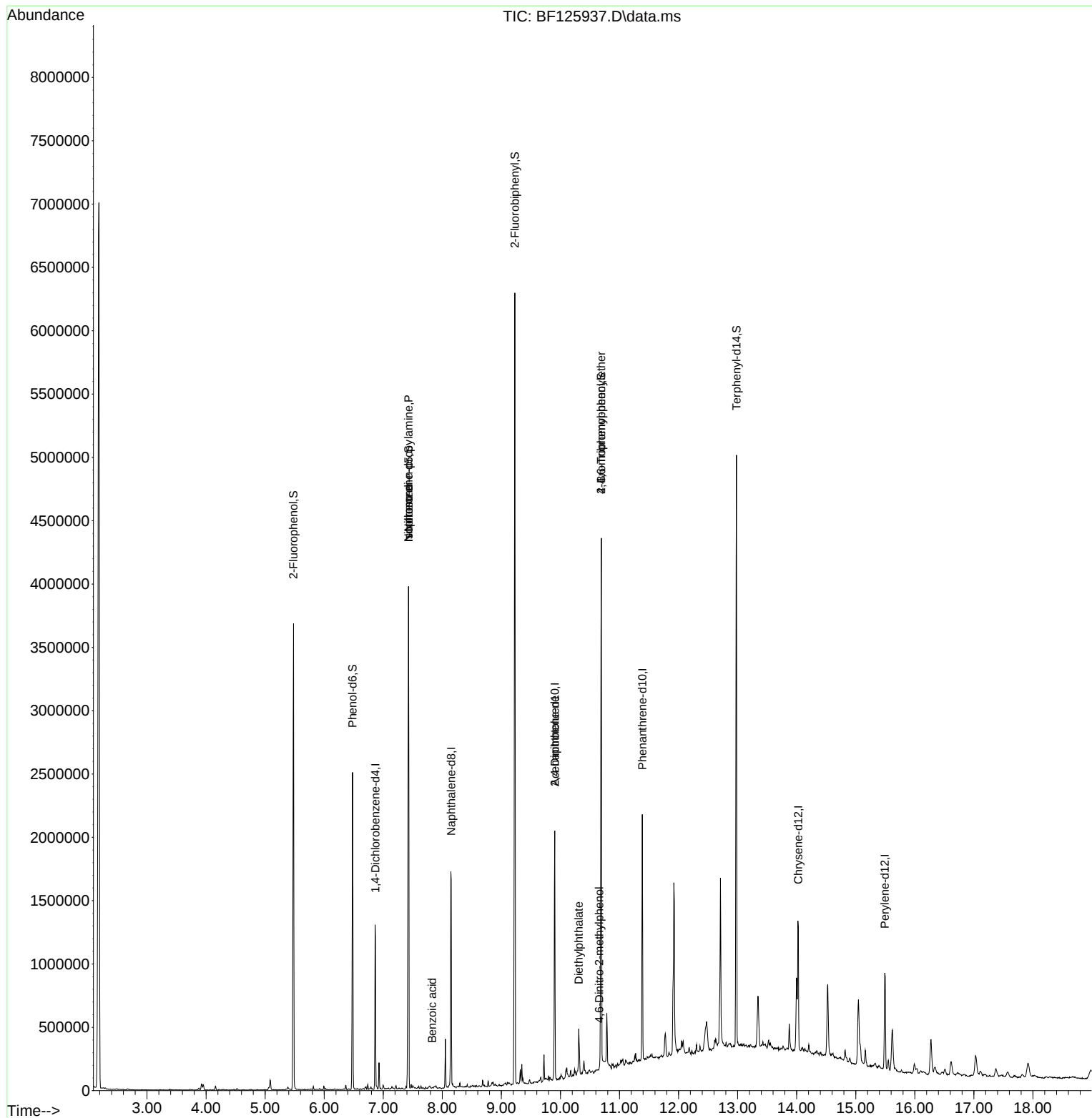
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	171864	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	717663	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	390544	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	665945	20.000	ng	0.00
76) Chrysene-d12	14.027	240	340538	20.000	ng	# 0.00
86) Perylene-d12	15.492	264	346827	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	822883	71.318	ng	0.00
7) Phenol-d6	6.481	99	683939	43.217	ng	-0.01
23) Nitrobenzene-d5	7.428	82	1283652	92.390	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	427389	125.535	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1888642	85.520	ng	0.00
79) Terphenyl-d14	12.980	244	1619404	77.786	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	179990	19.907	ng	# 66
25) Isophorone	7.428	82	1271058	48.039	ng	# 59
32) Benzoic acid	7.828	122	427	4.222	ng	# 60
57) 2,4-Dinitrotoluene	9.904	165	51603	8.805	ng	# 20
58) Fluorene	10.451	166	5348	Below Cal		# 38
60) Diethylphthalate	10.310	149	180048	7.296	ng	98
65) 4,6-Dinitro-2-methylph...	10.657	198	154	6.111	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	30457	4.281	ng	# 1

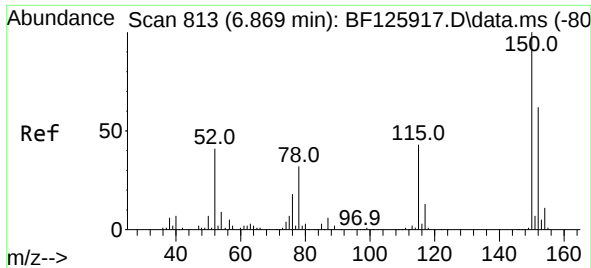
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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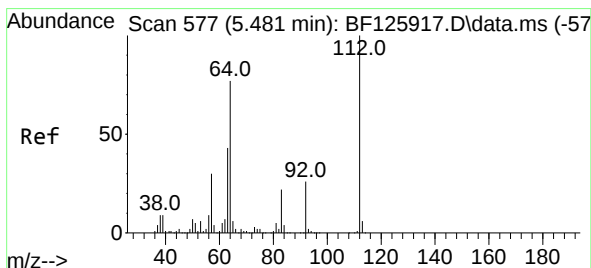
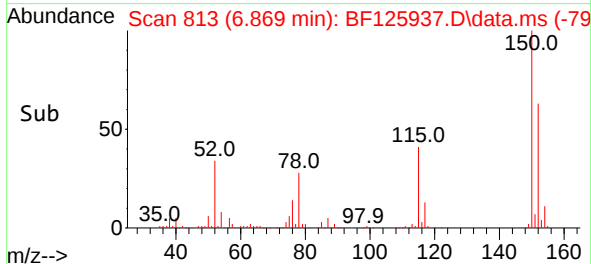
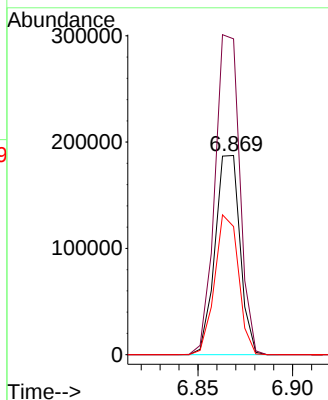
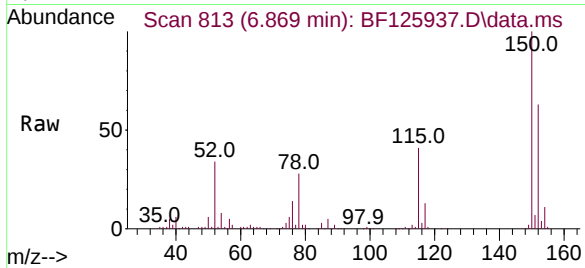




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF125937.D
Acq: 26 Oct 2021 16:49

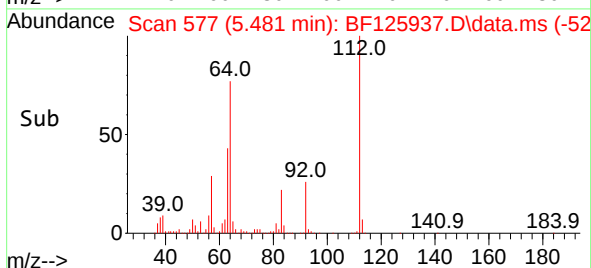
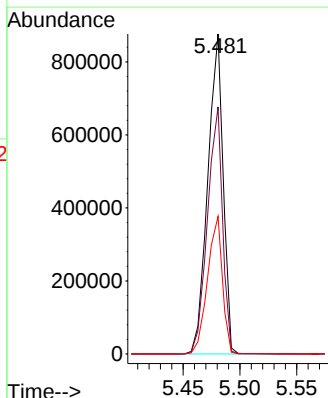
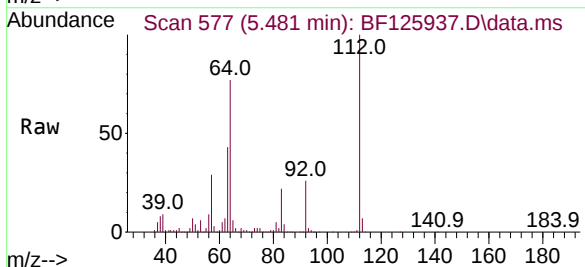
Instrument :
BNA_F
ClientSampleId :
MW-1

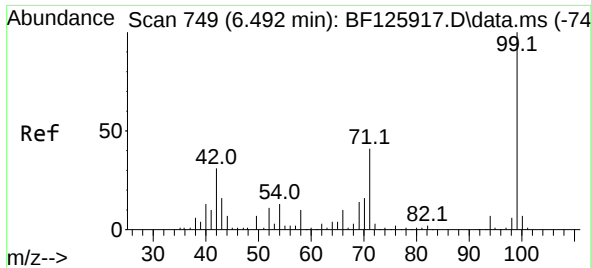
Tgt Ion:152 Resp: 171864
Ion Ratio Lower Upper
152 100
150 158.5 117.6 176.4
115 64.3 47.1 70.7



#5
2-Fluorophenol
Concen: 71.318 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF125937.D
Acq: 26 Oct 2021 16:49

Tgt Ion:112 Resp: 822883
Ion Ratio Lower Upper
112 100
64 77.2 44.2 66.2#
63 43.0 26.2 39.2#

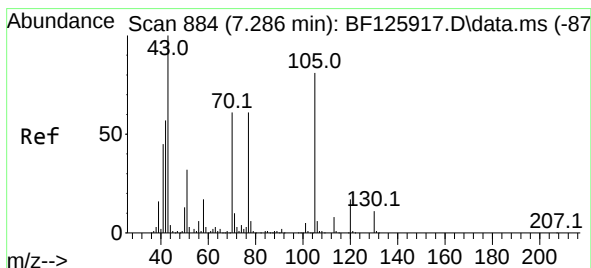
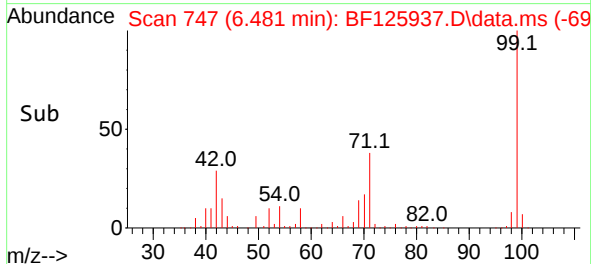
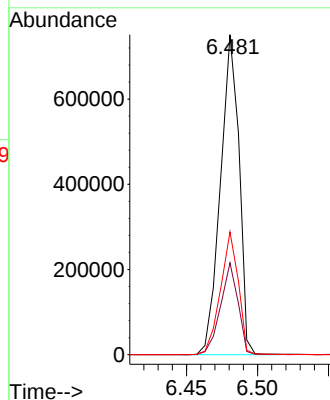
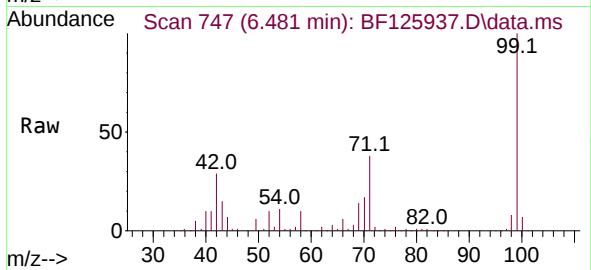




#7
Phenol-d6
Concen: 43.217 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF125937.D
Acq: 26 Oct 2021 16:49

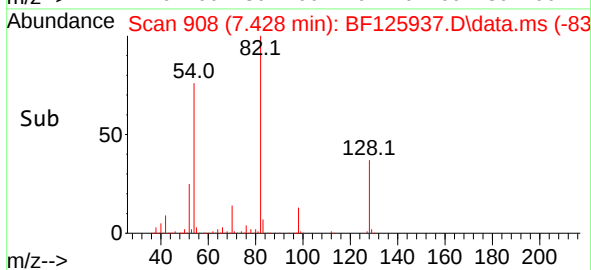
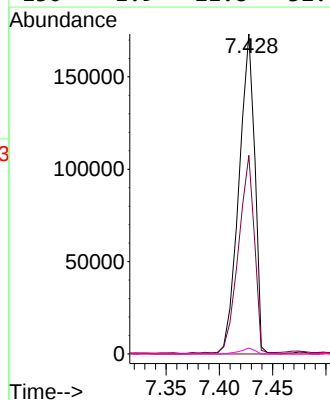
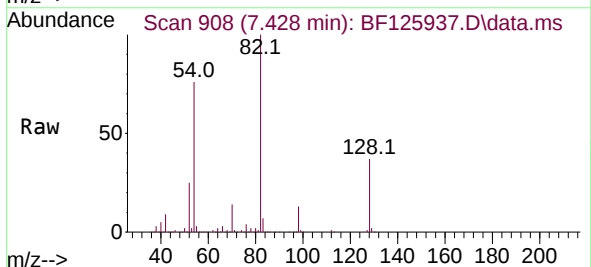
Instrument :
BNA_F
ClientSampleId :
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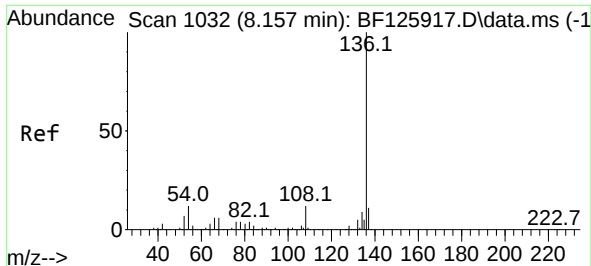
Tgt Ion: 99 Resp: 683939
Ion Ratio Lower Upper
99 100
42 28.7 23.5 35.3
71 38.4 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 19.907 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF125937.D
Acq: 26 Oct 2021 16:49

Tgt Ion: 70 Resp: 179990
Ion Ratio Lower Upper
70 100
42 62.1 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

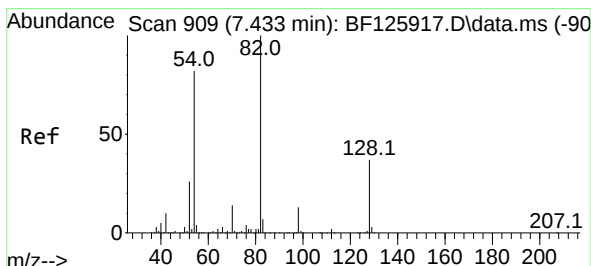
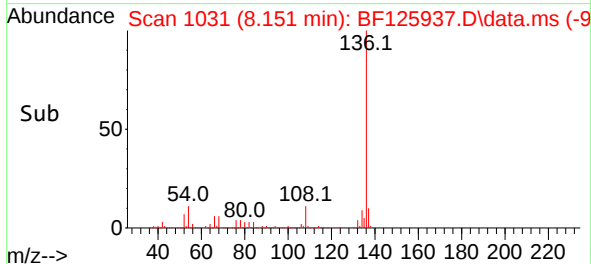
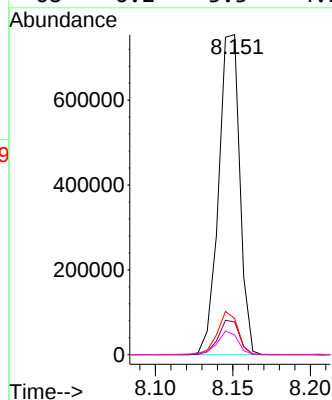
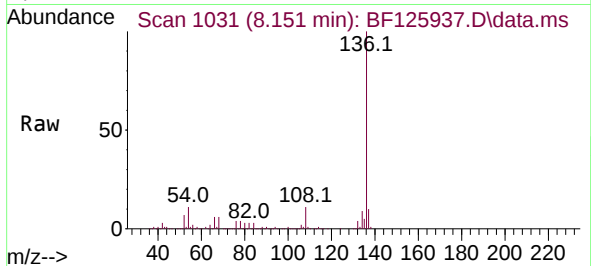




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF125937.D
Acq: 26 Oct 2021 16:49

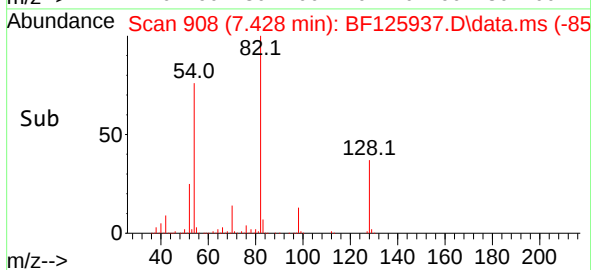
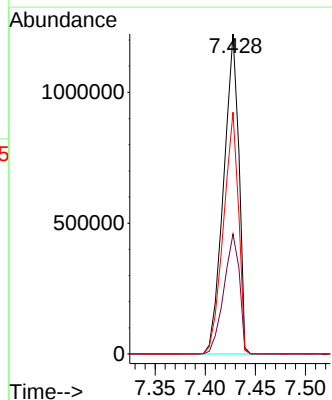
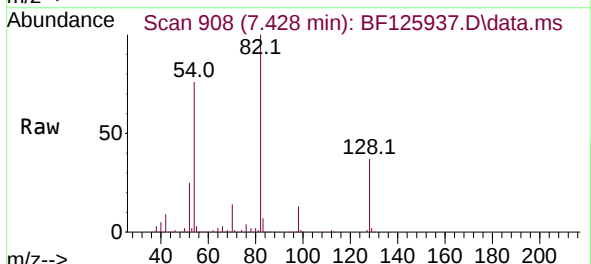
Instrument :
BNA_F
ClientSampleId :
MW-1

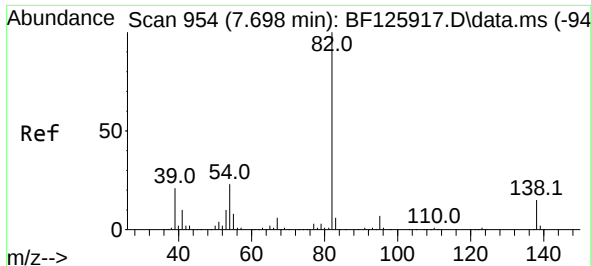
Tgt Ion:136	Resp: 717663
Ion Ratio	Lower Upper
136	100
137	10.2 9.8 14.6
54	11.3 6.4 9.6#
68	6.2 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 92.390 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF125937.D
Acq: 26 Oct 2021 16:49

Tgt Ion: 82	Resp: 1283652
Ion Ratio	Lower Upper
82	100
128	37.5 40.6 60.8#
54	75.5 49.6 74.4#

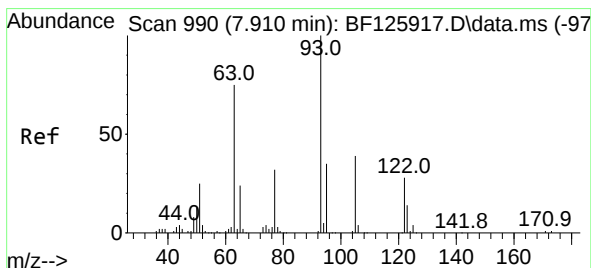
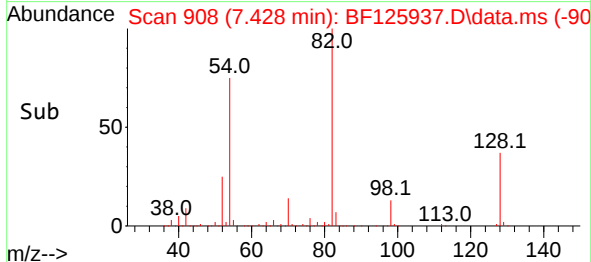
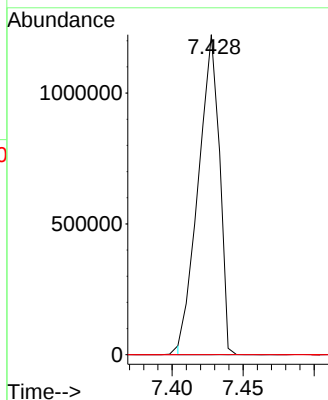
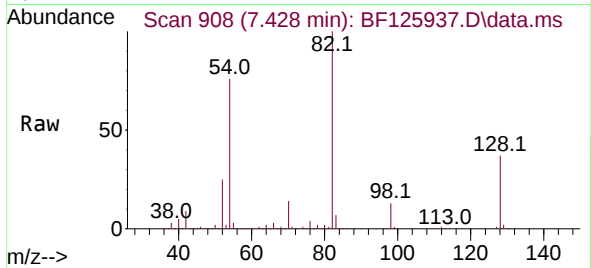




#25
Isophorone
Concen: 48.039 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.271 min
Lab File: BF125937.D
Acq: 26 Oct 2021 16:49

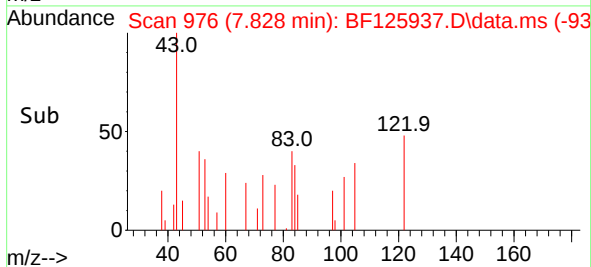
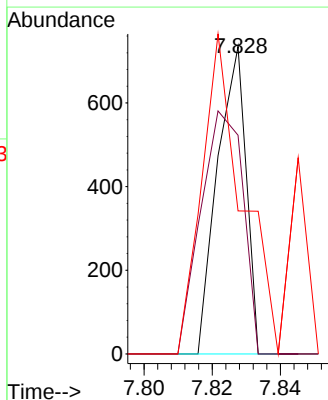
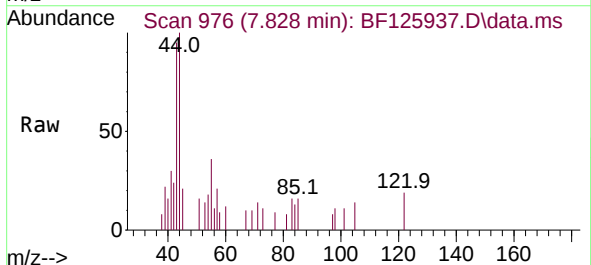
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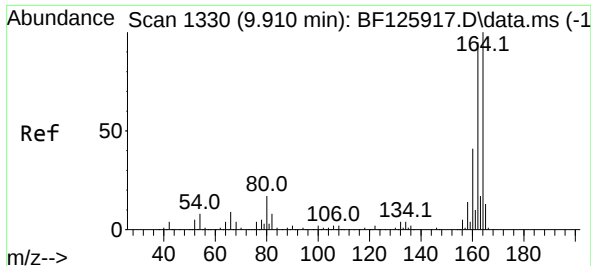
Tgt Ion: 82 Resp: 1271058
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 4.222 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.082 min
Lab File: BF125937.D
Acq: 26 Oct 2021 16:49

Tgt Ion: 122 Resp: 427
Ion Ratio Lower Upper
122 100
105 71.2 97.6 137.6#
77 46.5 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: BF125937.D

Acq: 26 Oct 2021 16:49

Instrument :

BNA_F

ClientSampleId :

MW-1

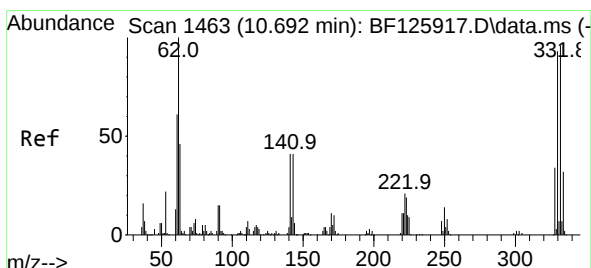
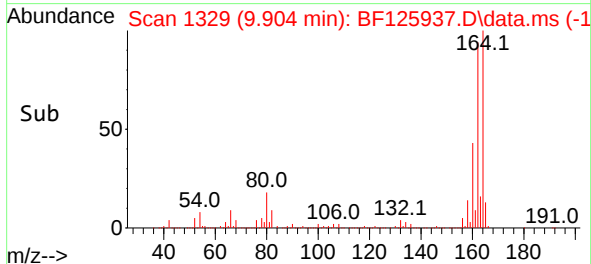
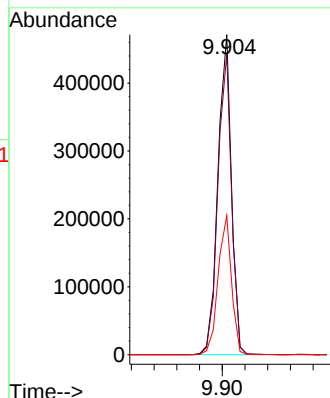
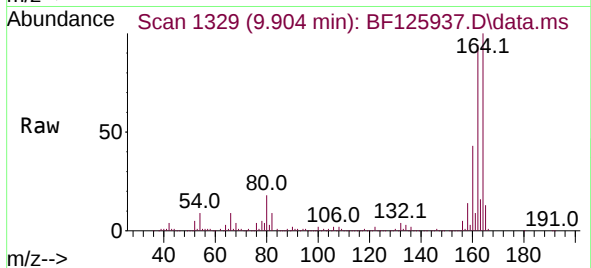
Tgt Ion:164 Resp: 390544

Ion Ratio Lower Upper

164 100

162 94.0 81.3 121.9

160 43.5 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 125.535 ng

RT: 10.692 min Scan# 1463

Delta R.T. 0.000 min

Lab File: BF125937.D

Acq: 26 Oct 2021 16:49

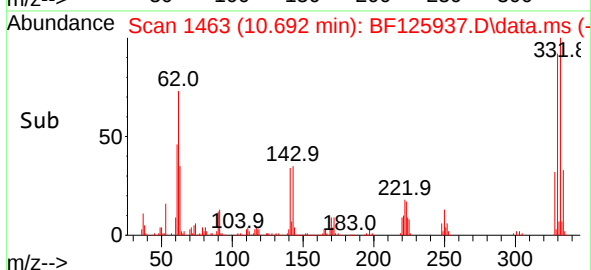
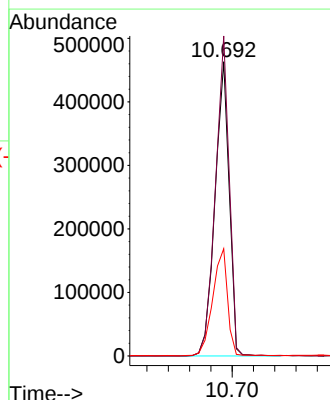
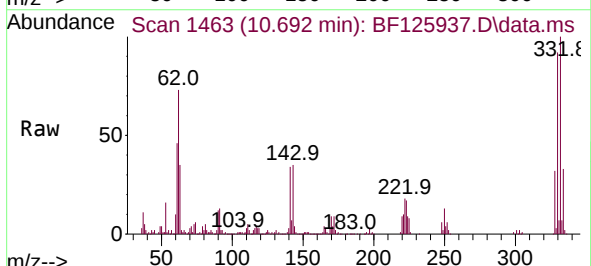
Tgt Ion:330 Resp: 427389

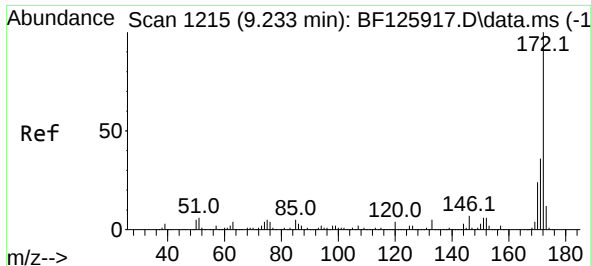
Ion Ratio Lower Upper

330 100

332 106.0 76.2 114.4

141 38.1 44.6 66.8#

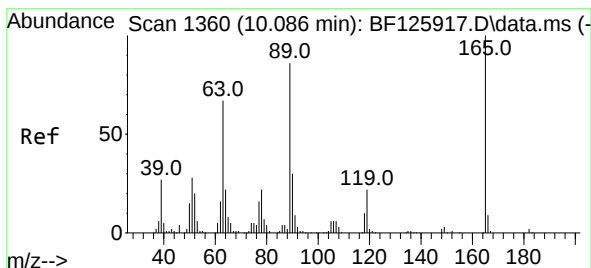
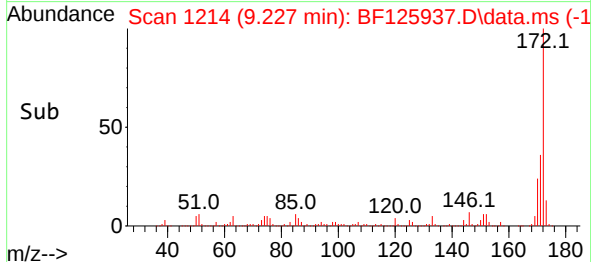
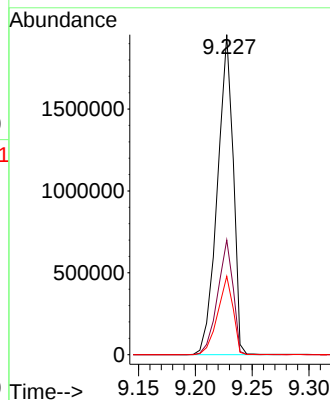
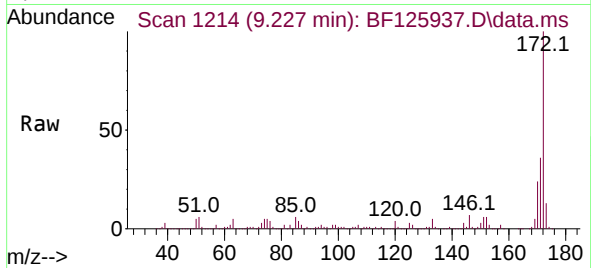




#45
2-Fluorobiphenyl
Concen: 85.520 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125937.D
Acq: 26 Oct 2021 16:49

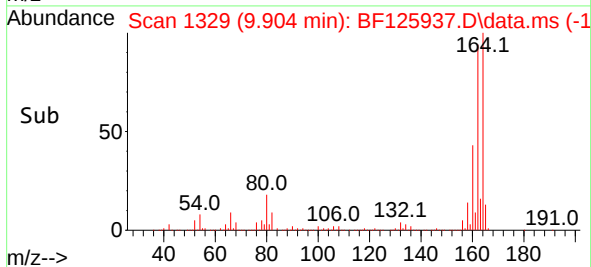
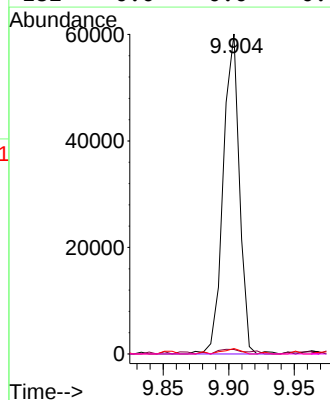
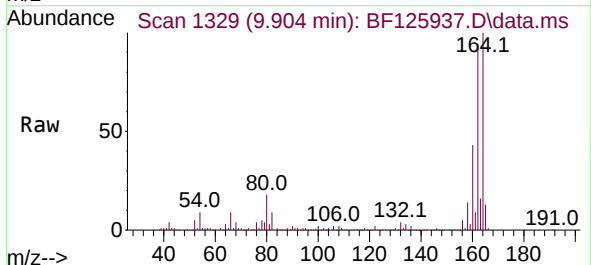
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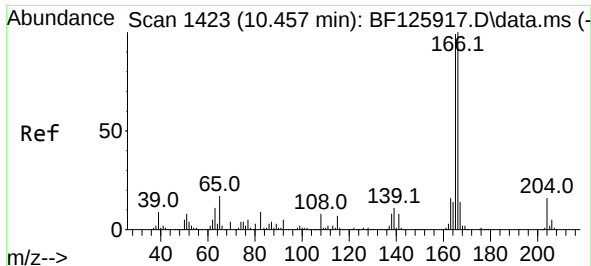
Tgt Ion:172 Resp: 1888642
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 24.5 18.8 28.2



#57
2,4-Dinitrotoluene
Concen: 8.805 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.182 min
Lab File: BF125937.D
Acq: 26 Oct 2021 16:49

Tgt Ion:165 Resp: 51603
Ion Ratio Lower Upper
165 100
63 1.4 40.9 61.3#
89 1.7 59.7 89.5#
182 0.0 0.0 0.0

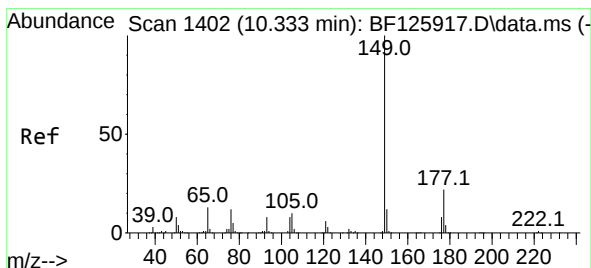
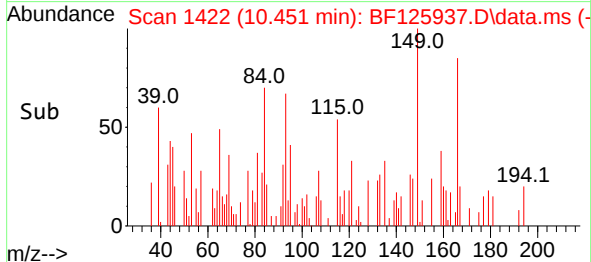
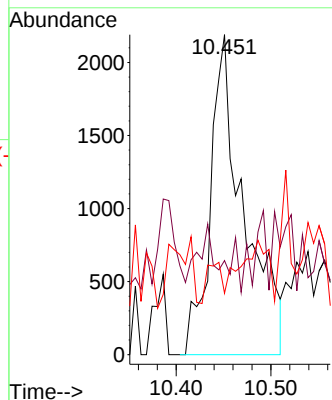
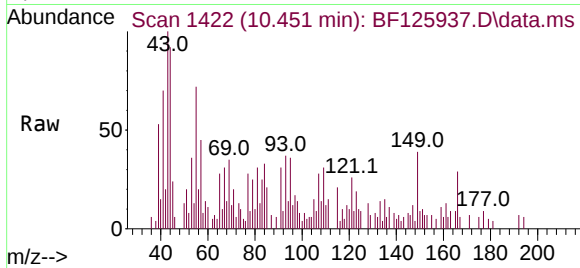




#58
Fluorene
Concen: Below Cal
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF125937.D
Acq: 26 Oct 2021 16:49

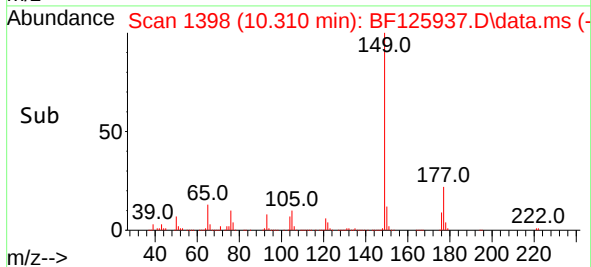
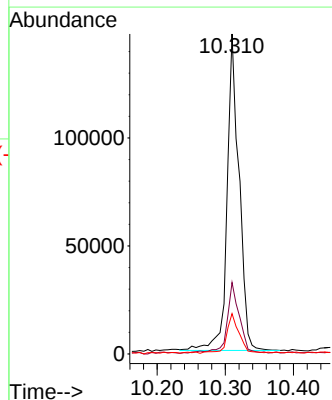
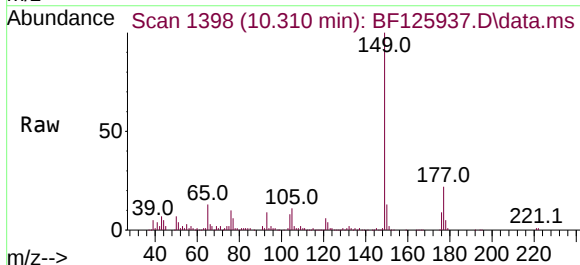
Instrument :
BNA_F
ClientSampled :
MW-1

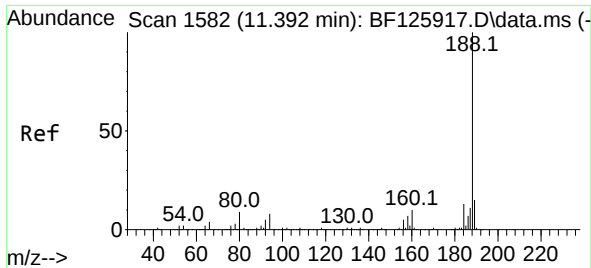
Tgt Ion:166 Resp: 5348
Ion Ratio Lower Upper
166 100
165 29.4 78.1 117.1#
167 19.2 11.1 16.7#



#60
Diethylphthalate
Concen: 7.296 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.024 min
Lab File: BF125937.D
Acq: 26 Oct 2021 16:49

Tgt Ion:149 Resp: 180048
Ion Ratio Lower Upper
149 100
177 22.4 16.5 24.7
150 12.6 10.1 15.1

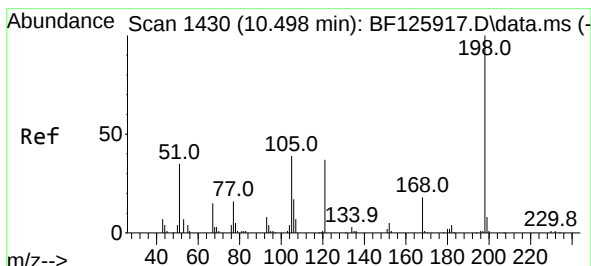
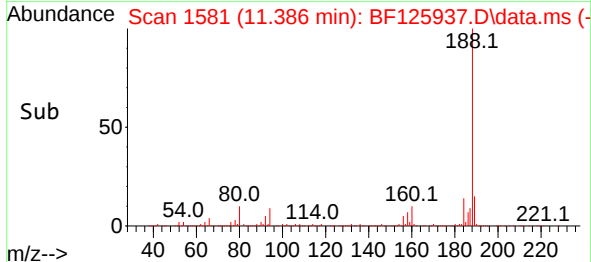
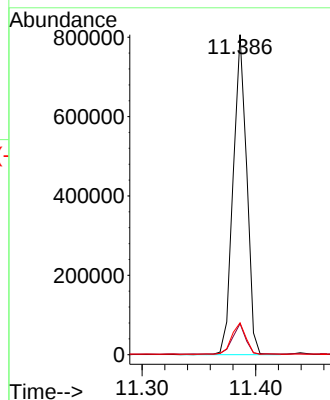
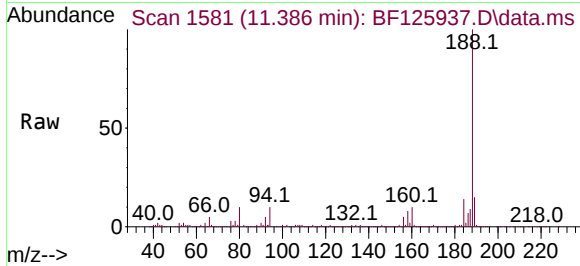




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125937.D
Acq: 26 Oct 2021 16:49

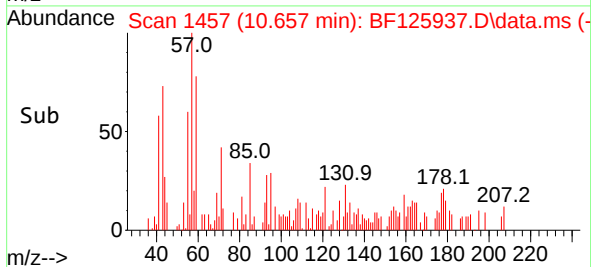
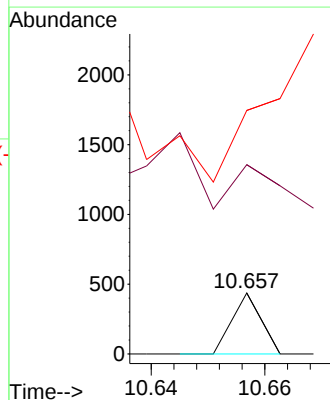
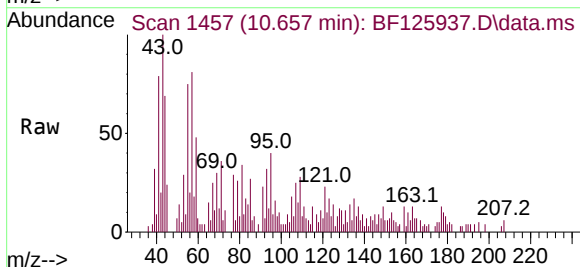
Instrument :
BNA_F
ClientSampleId :
MW-1

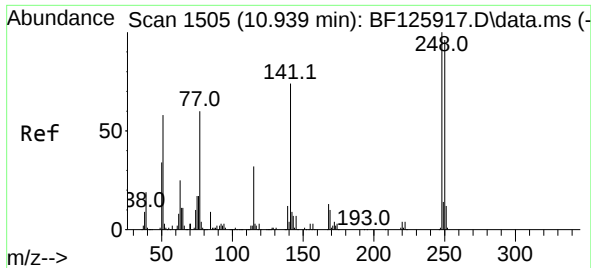
Tgt Ion:188 Resp: 665945
Ion Ratio Lower Upper
188 100
94 9.7 6.7 10.1
80 9.9 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 6.111 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.159 min
Lab File: BF125937.D
Acq: 26 Oct 2021 16:49

Tgt Ion:198 Resp: 154
Ion Ratio Lower Upper
198 100
51 310.3 45.3 85.3#
105 399.3 30.6 70.6#

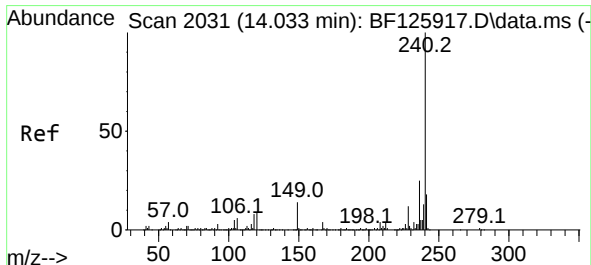
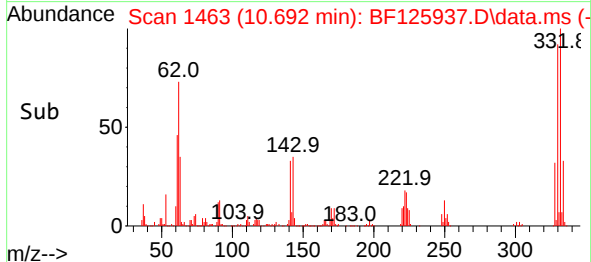
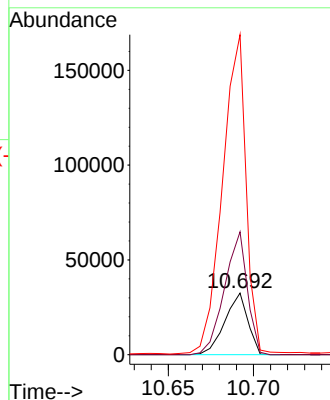
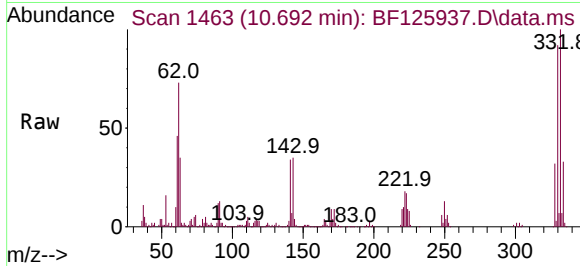




#67
4-Bromophenyl-phenylether
Concen: 4.281 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF125937.D
Acq: 26 Oct 2021 16:49

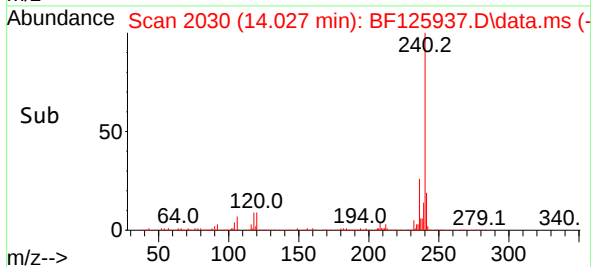
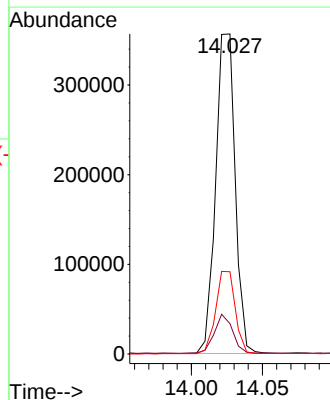
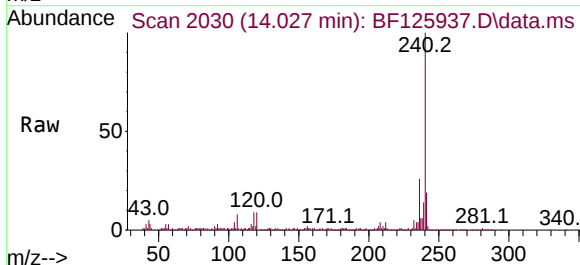
Instrument :
BNA_F
ClientSampleId :
MW-1

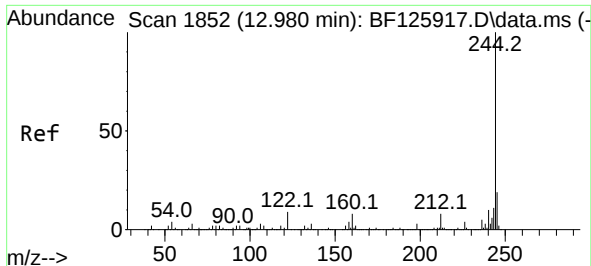
Tgt Ion:248 Resp: 30457
Ion Ratio Lower Upper
248 100
250 199.8 74.2 111.4#
141 520.1 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF125937.D
Acq: 26 Oct 2021 16:49

Tgt Ion:240 Resp: 340538
Ion Ratio Lower Upper
240 100
120 9.4 10.8 16.2#
236 25.7 21.6 32.4

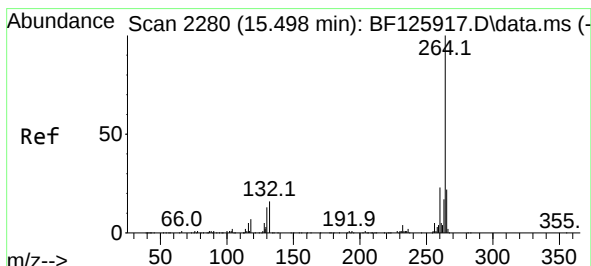
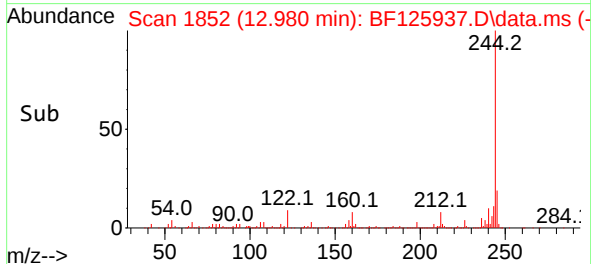
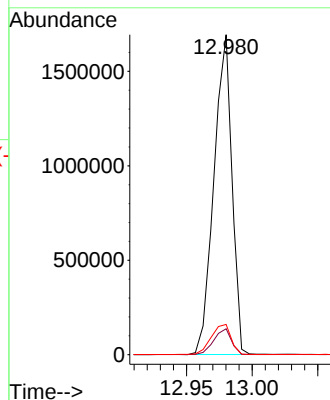
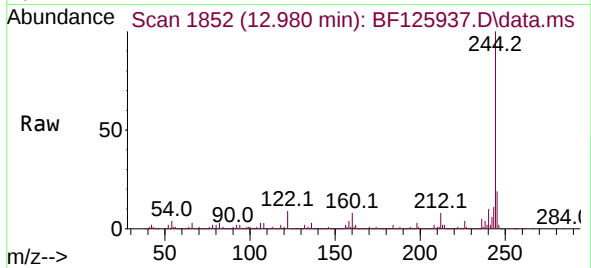




#79
Terphenyl-d14
Concen: 77.786 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF125937.D
Acq: 26 Oct 2021 16:49

Instrument :
BNA_F
ClientSampled :
MW-1

Tgt Ion:244 Resp: 1619404
Ion Ratio Lower Upper
244 100
212 8.1 5.9 8.9
122 9.5 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: BF125937.D
Acq: 26 Oct 2021 16:49

Tgt Ion:264 Resp: 346827
Ion Ratio Lower Upper
264 100
260 23.5 19.6 29.4
265 21.8 17.2 25.8

