

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
 Data File : BF125925.D
 Acq On : 26 Oct 2021 9:50
 Operator : JU/CG
 Sample : PB140208BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB140208BL

Quant Time: Oct 26 12:00:28 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)

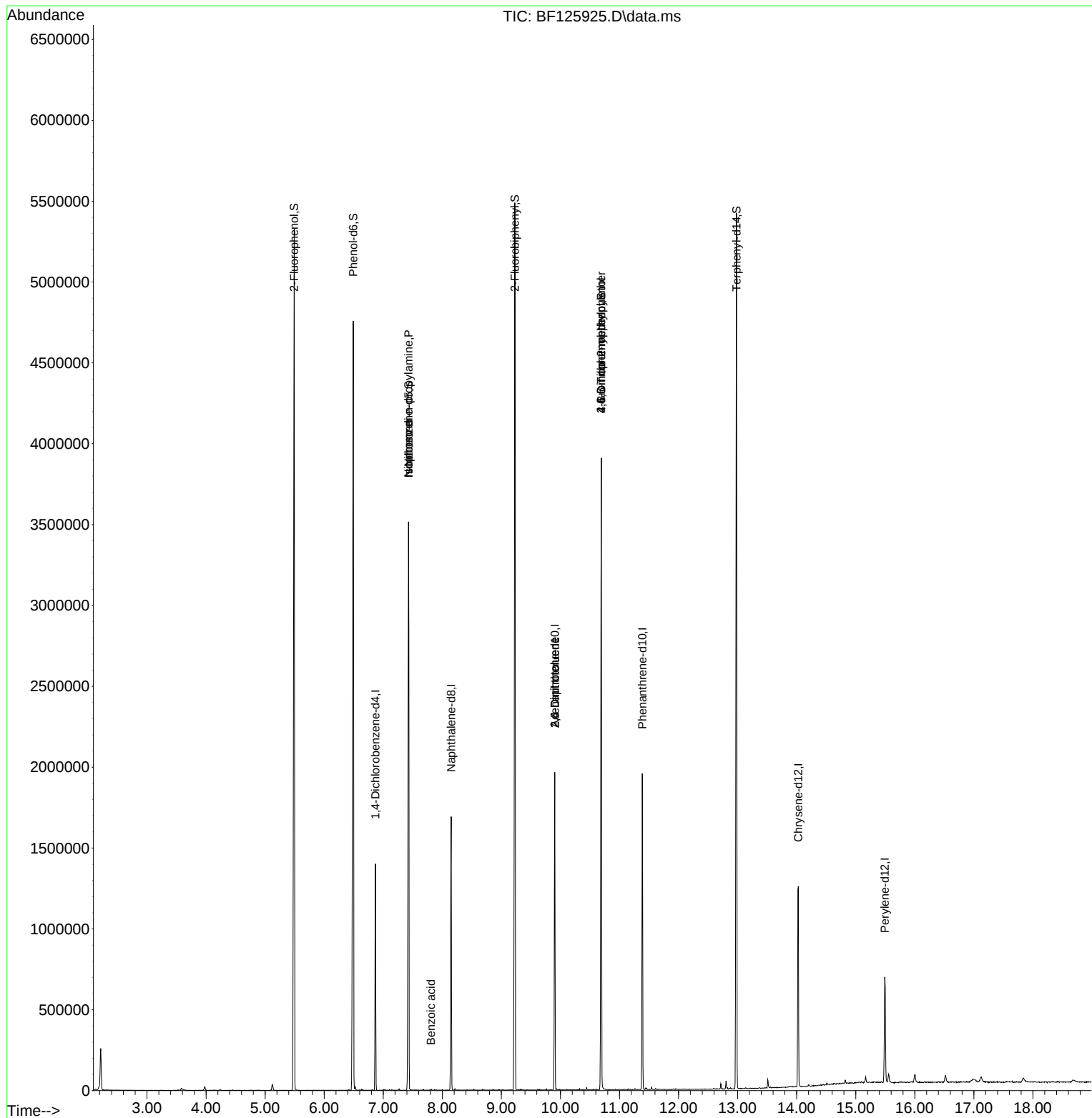
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	169809	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	689896	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	378216	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	669223	20.000	ng	0.00
76) Chrysene-d12	14.027	240	443086	20.000	ng	# 0.00
86) Perylene-d12	15.492	264	297272	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1315030	115.351	ng	0.01
7) Phenol-d6	6.492	99	1650376	105.548	ng	0.00
23) Nitrobenzene-d5	7.428	82	1155986	86.550	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	385061	116.789	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1772498	82.877	ng	0.00
79) Terphenyl-d14	12.980	244	1910485	70.529	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	159336	17.836	ng	# 68
25) Isophorone	7.428	82	1150099	45.217	ng	# 59
32) Benzoic acid	7.810	122	2037	4.427	ng	91
51) 2,6-Dinitrotoluene	9.904	165	46866	10.142	ng	# 28
57) 2,4-Dinitrotoluene	9.904	165	46866	8.257	ng	# 20
58) Fluorene	10.445	166	1687	Below Cal		# 70
65) 4,6-Dinitro-2-methylph...	10.692	198	981	6.357	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	27227	3.809	ng	# 1

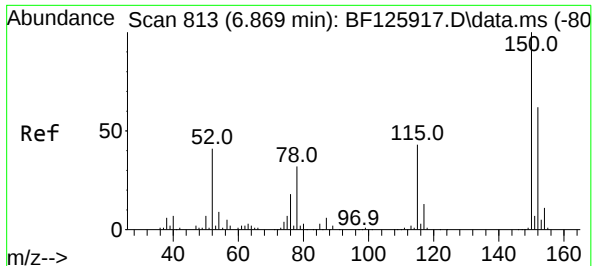
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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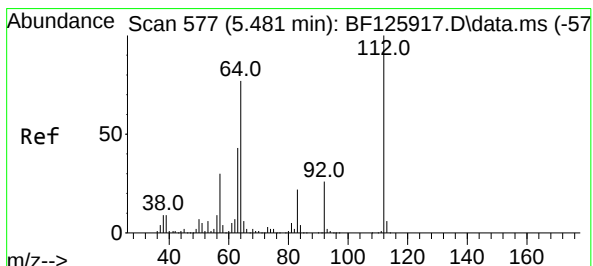
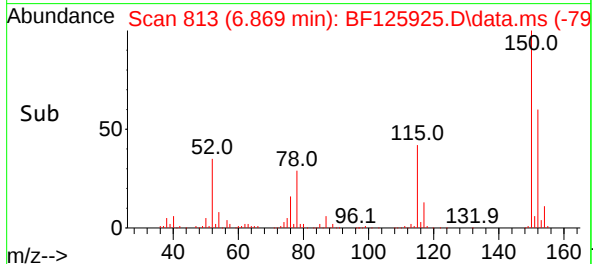
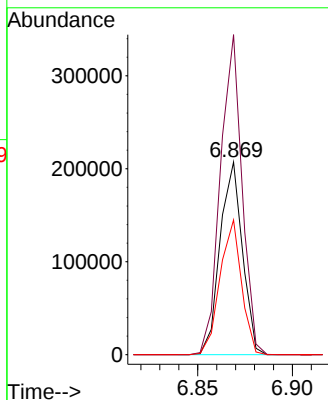
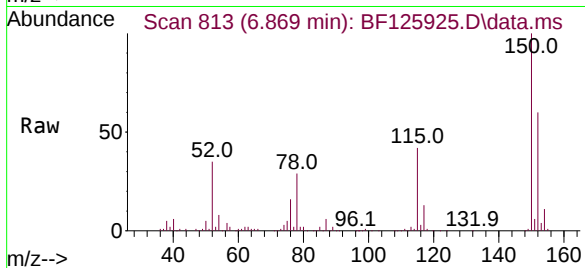




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF125925.D
Acq: 26 Oct 2021 9:50

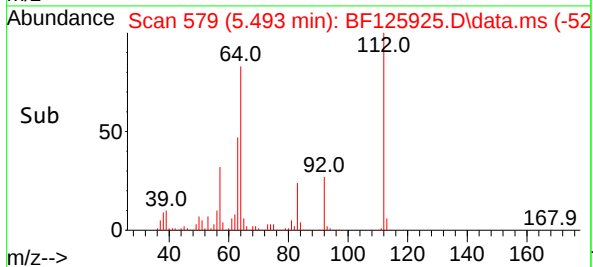
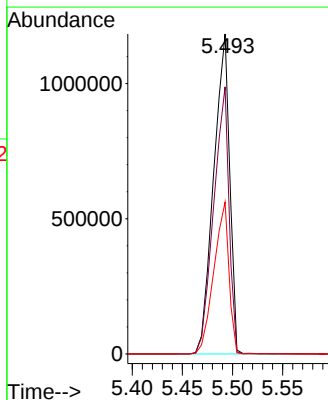
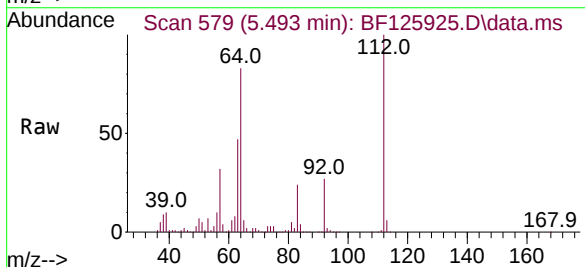
Instrument :
BNA_F
ClientSampleId :
PB140208BL

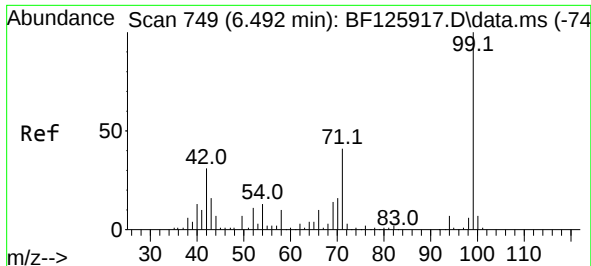
Tgt Ion:152 Resp: 169809
Ion Ratio Lower Upper
152 100
150 166.1 117.6 176.4
115 70.0 47.1 70.7



#5
2-Fluorophenol
Concen: 115.351 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF125925.D
Acq: 26 Oct 2021 9:50

Tgt Ion:112 Resp: 1315030
Ion Ratio Lower Upper
112 100
64 83.5 44.2 66.2#
63 47.5 26.2 39.2#

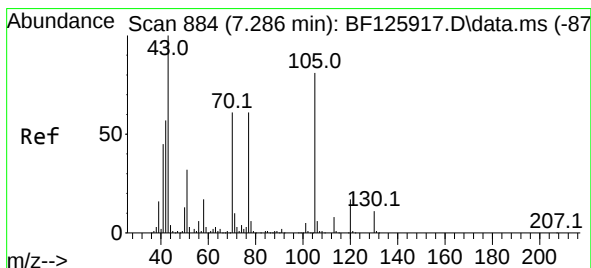
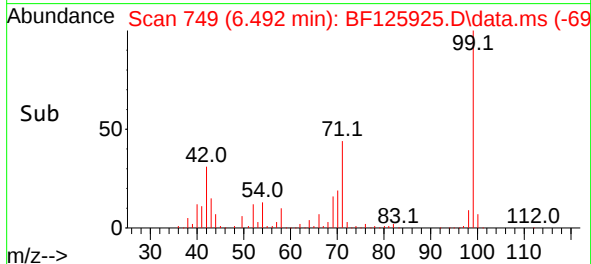
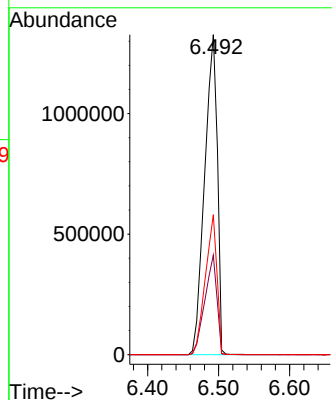
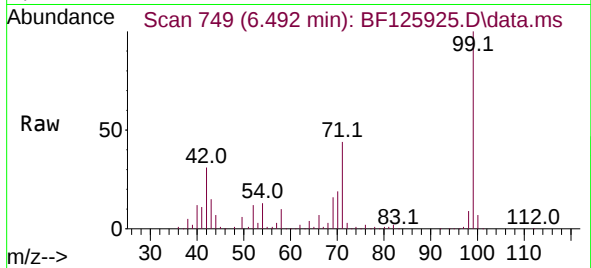




#7
Phenol-d6
Concen: 105.548 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF125925.D
Acq: 26 Oct 2021 9:50

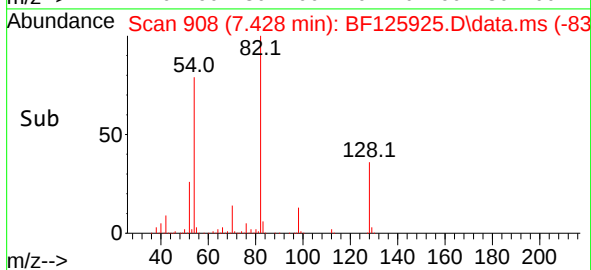
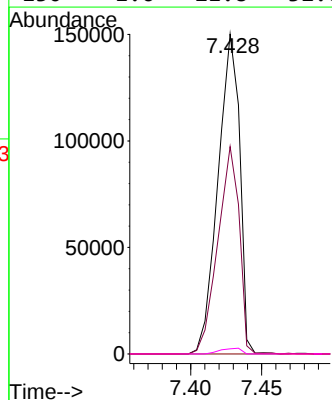
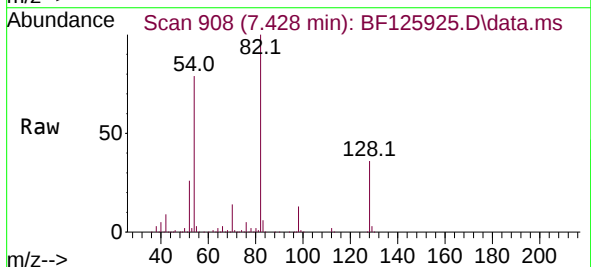
Instrument :
BNA_F
ClientSampleId :
PB140208BL

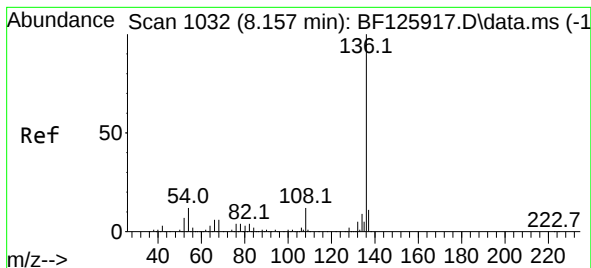
Tgt Ion: 99 Resp: 1650376
Ion Ratio Lower Upper
99 100
42 31.1 23.5 35.3
71 43.8 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 17.836 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF125925.D
Acq: 26 Oct 2021 9:50

Tgt Ion: 70 Resp: 159336
Ion Ratio Lower Upper
70 100
42 64.8 72.2 108.2#
101 0.0 7.8 11.8#
130 1.6 21.8 32.6#

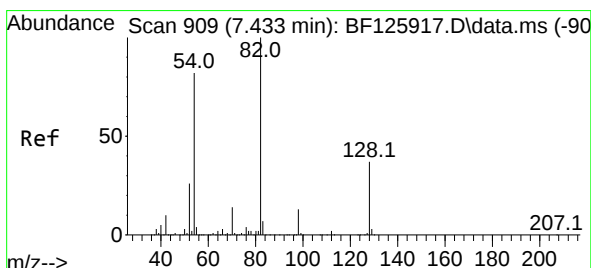
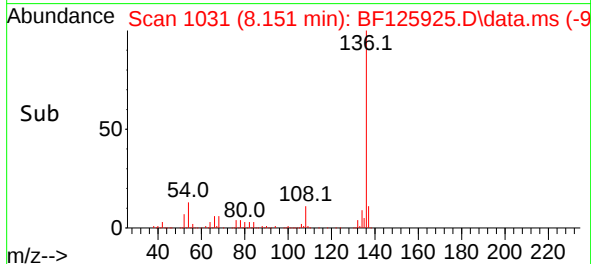
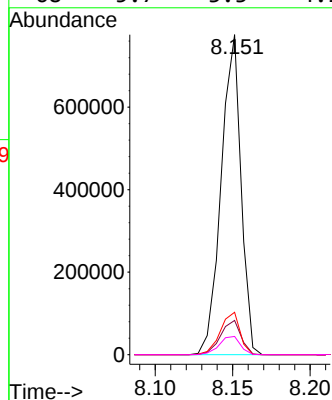
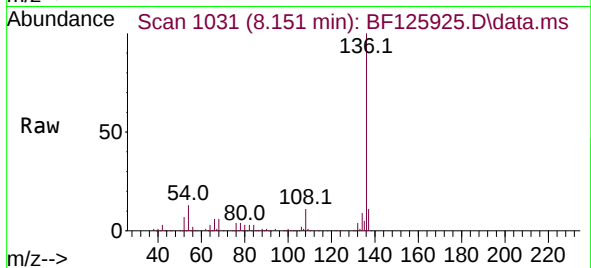




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF125925.D
Acq: 26 Oct 2021 9:50

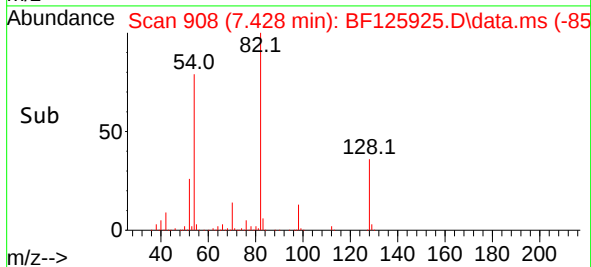
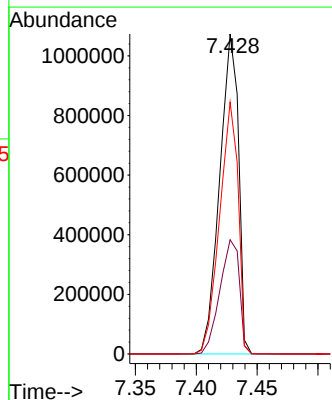
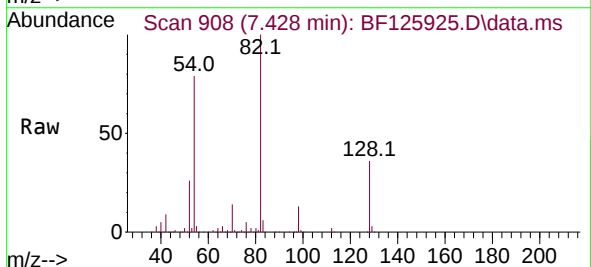
Instrument :
BNA_F
ClientSampleId :
PB140208BL

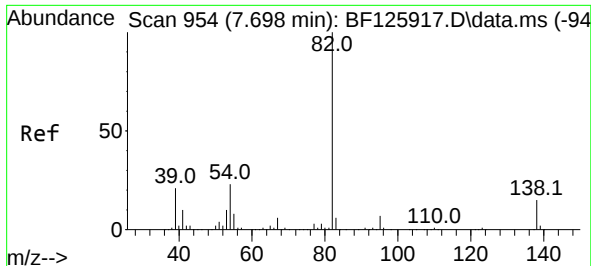
Tgt Ion:136	Resp: 689896
Ion Ratio	Lower Upper
136 100	
137 10.7	9.8 14.6
54 13.2	6.4 9.6#
68 5.7	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 86.550 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF125925.D
Acq: 26 Oct 2021 9:50

Tgt Ion: 82	Resp: 1155986
Ion Ratio	Lower Upper
82 100	
128 35.7	40.6 60.8#
54 78.7	49.6 74.4#

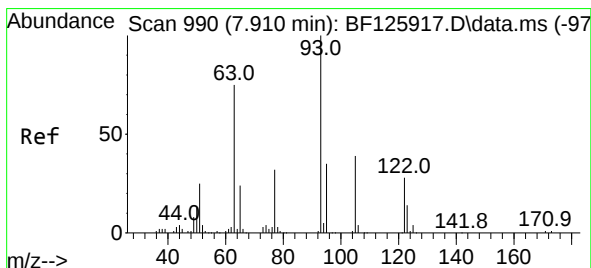
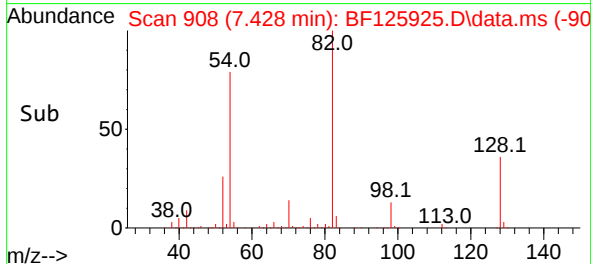
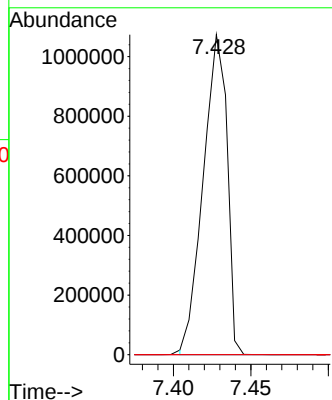
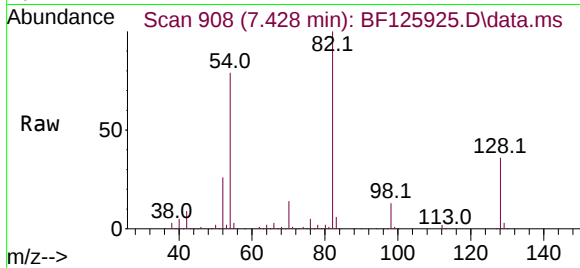




#25
Isophorone
Concen: 45.217 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.270 min
Lab File: BF125925.D
Acq: 26 Oct 2021 9:50

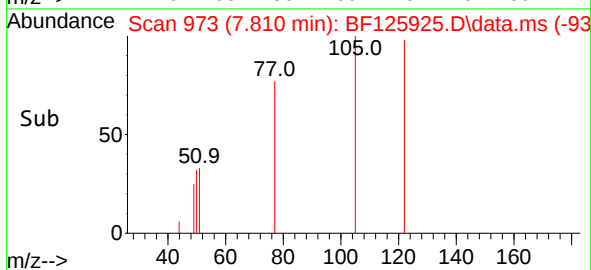
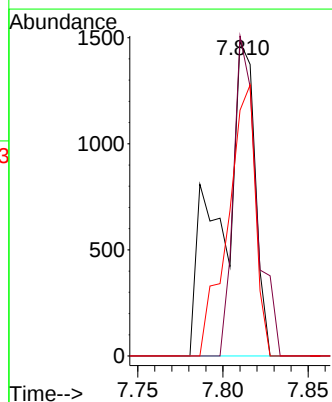
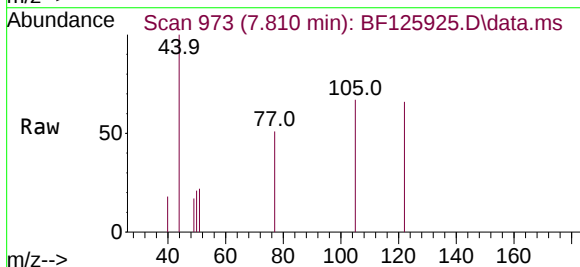
Instrument :
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ClientSampleId :
PB140208BL

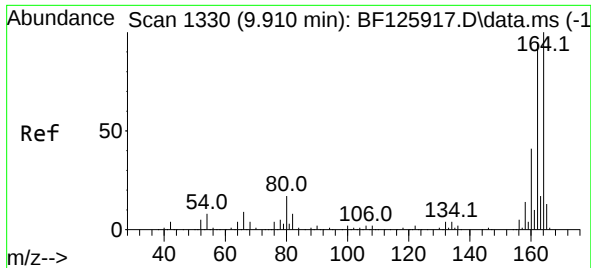
Tgt Ion: 82 Resp: 1150099
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 4.427 ng
RT: 7.810 min Scan# 973
Delta R.T. -0.100 min
Lab File: BF125925.D
Acq: 26 Oct 2021 9:50

Tgt Ion:122 Resp: 2037
Ion Ratio Lower Upper
122 100
105 101.8 97.6 137.6
77 78.2 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: BF125925.D

Acq: 26 Oct 2021 9:50

Tgt Ion:164 Resp: 378216

Ion Ratio Lower Upper

164 100

162 94.0 81.3 121.9

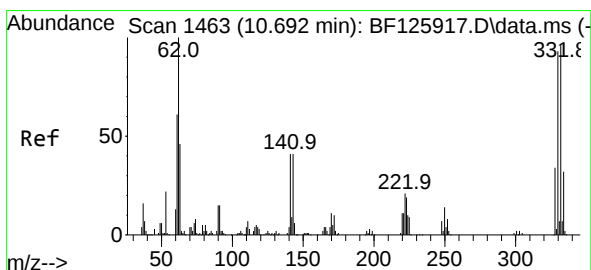
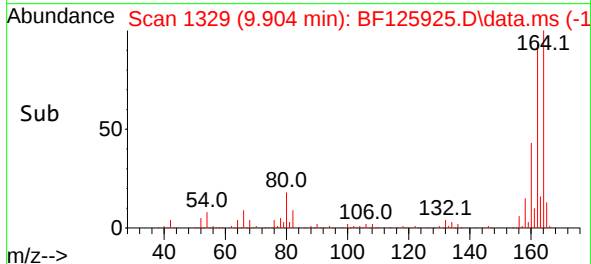
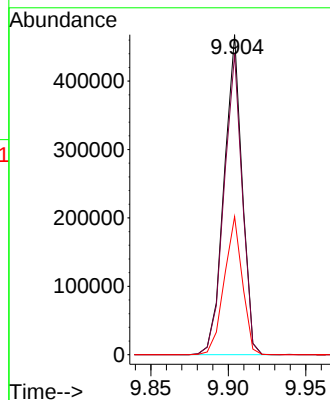
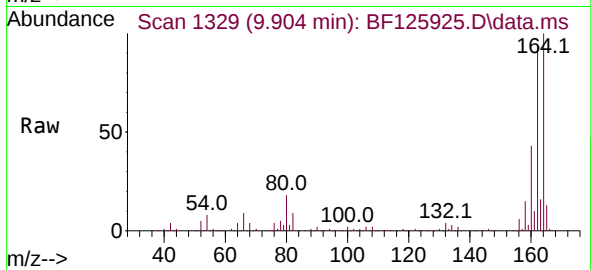
160 43.1 38.0 57.0

Instrument :

BNA_F

ClientSampleId :

PB140208BL



#42

2,4,6-Tribromophenol

Concen: 116.789 ng

RT: 10.692 min Scan# 1463

Delta R.T. 0.000 min

Lab File: BF125925.D

Acq: 26 Oct 2021 9:50

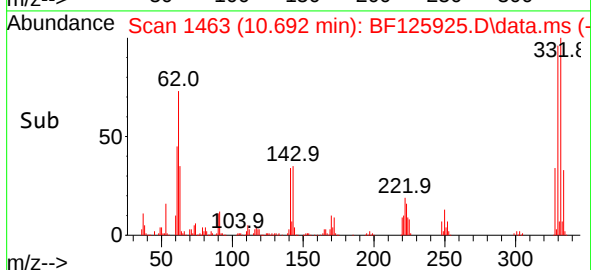
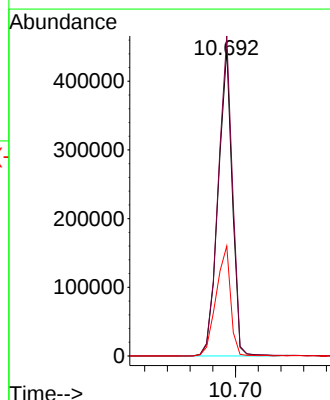
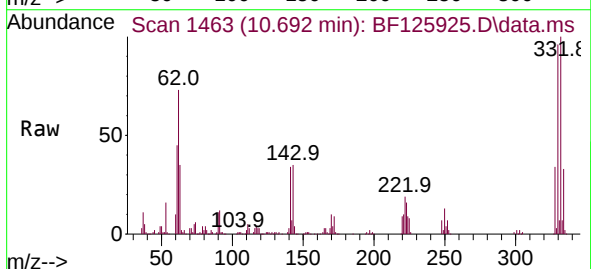
Tgt Ion:330 Resp: 385061

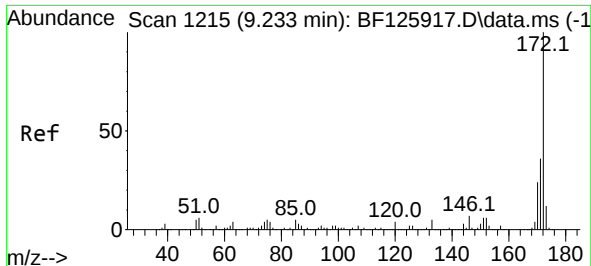
Ion Ratio Lower Upper

330 100

332 105.0 76.2 114.4

141 36.7 44.6 66.8#

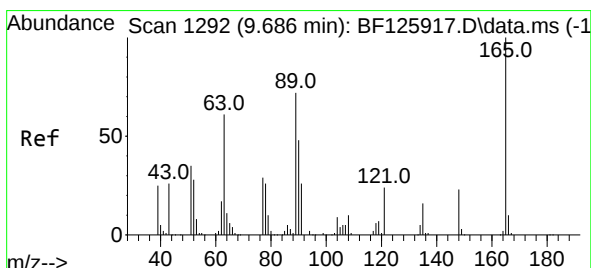
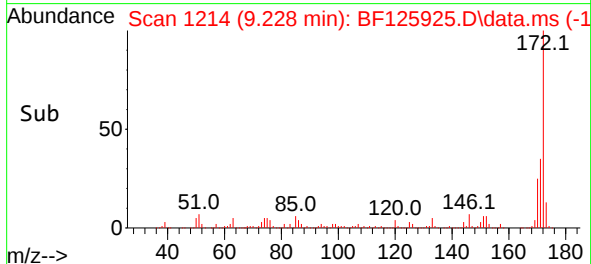
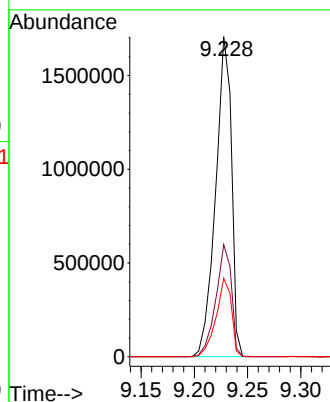
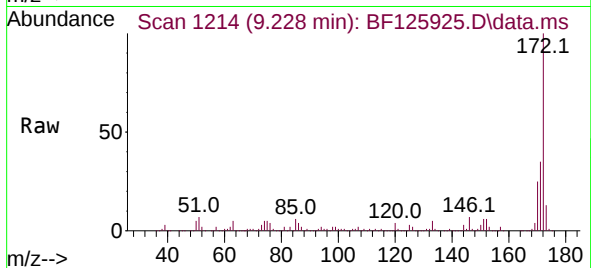




#45
2-Fluorobiphenyl
Concen: 82.877 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125925.D
Acq: 26 Oct 2021 9:50

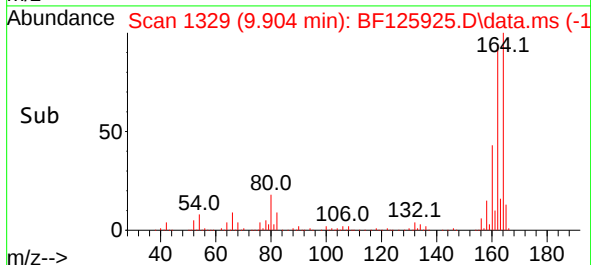
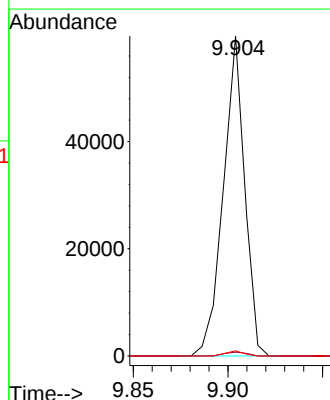
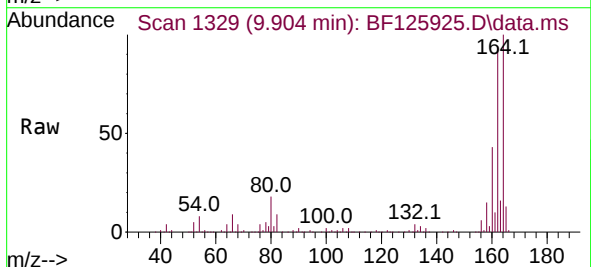
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PB140208BL

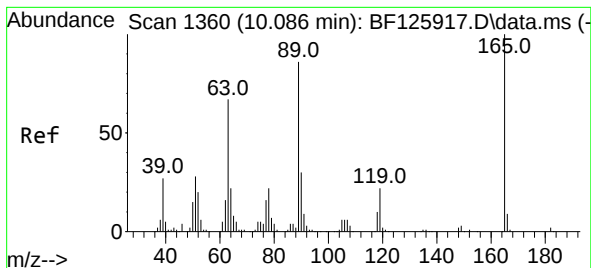
Tgt Ion:172 Resp: 1772498
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 24.5 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 10.142 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.218 min
Lab File: BF125925.D
Acq: 26 Oct 2021 9:50

Tgt Ion:165 Resp: 46866
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.6 40.6 60.8#

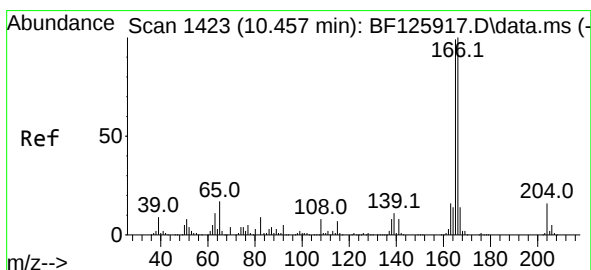
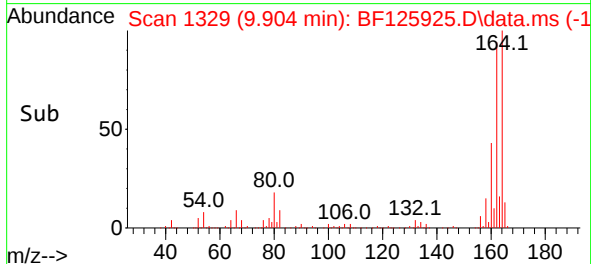
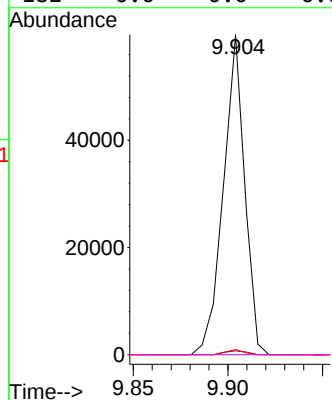
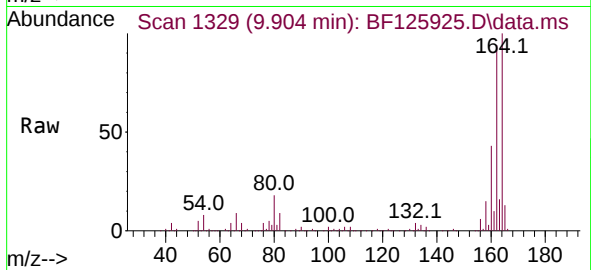




#57
2,4-Dinitrotoluene
Concen: 8.257 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.182 min
Lab File: BF125925.D
Acq: 26 Oct 2021 9:50

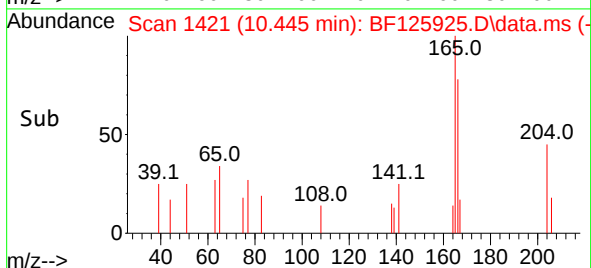
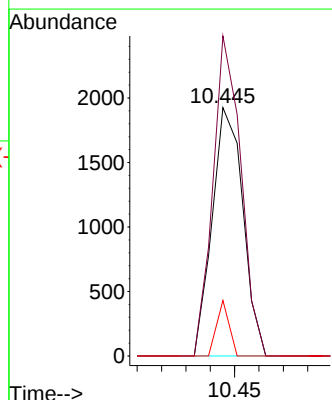
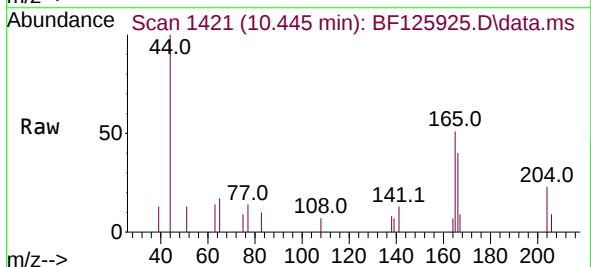
Instrument :
BNA_F
ClientSampleId :
PB140208BL

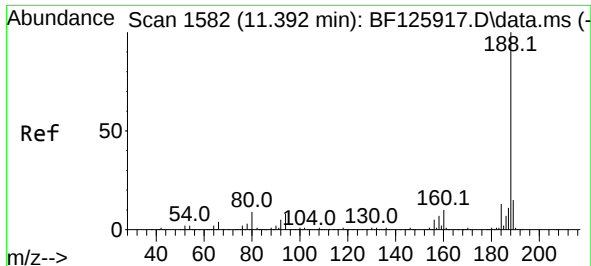
Tgt Ion:165 Resp: 46866
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 1.6 59.7 89.5#
182 0.0 0.0 0.0



#58
Fluorene
Concen: Below Cal
RT: 10.445 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF125925.D
Acq: 26 Oct 2021 9:50

Tgt Ion:166 Resp: 1687
Ion Ratio Lower Upper
166 100
165 128.8 78.1 117.1#
167 22.4 11.1 16.7#

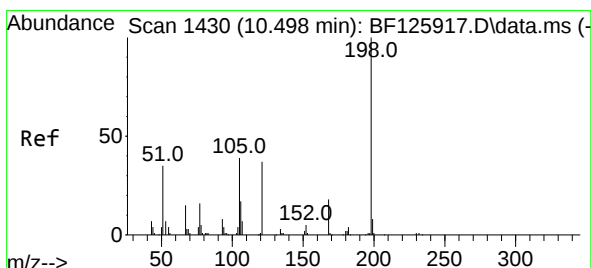
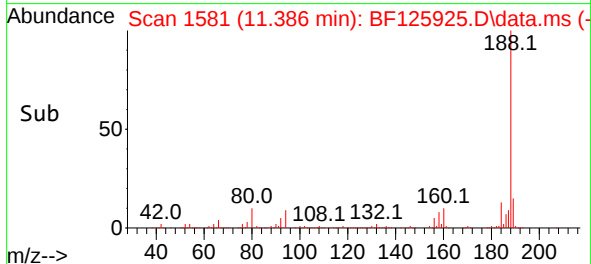
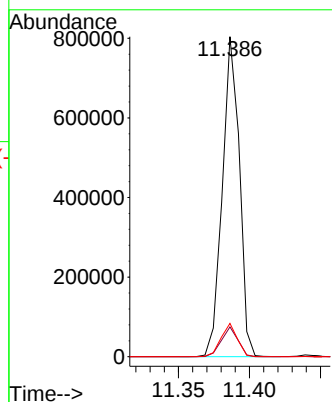
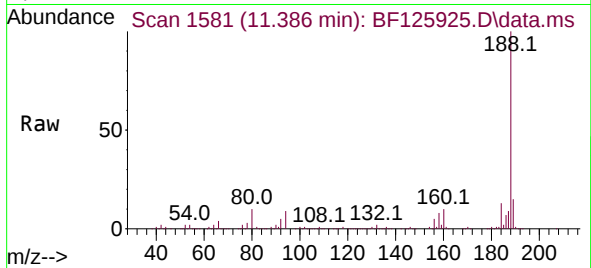




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125925.D
Acq: 26 Oct 2021 9:50

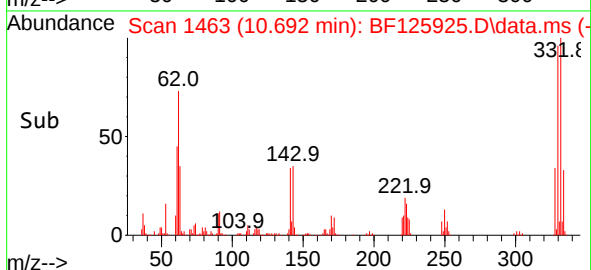
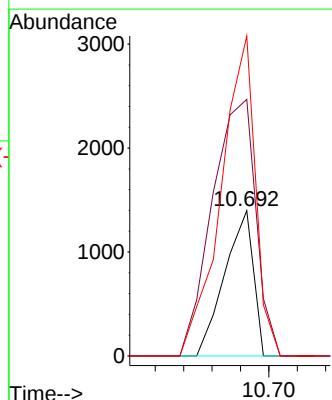
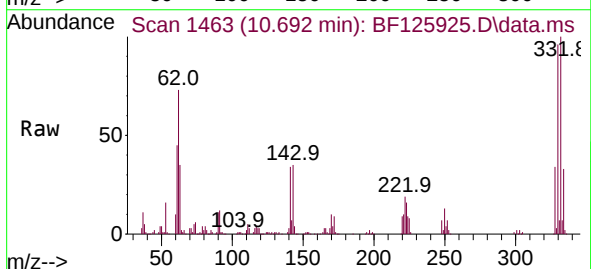
Instrument :
BNA_F
ClientSampleId :
PB140208BL

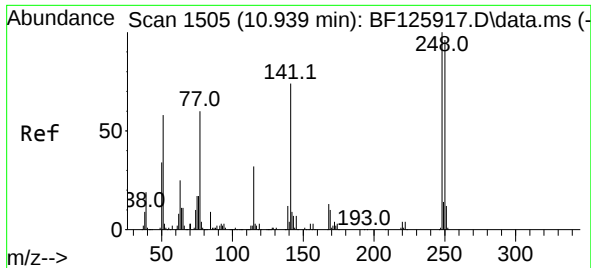
Tgt Ion:188 Resp: 669223
Ion Ratio Lower Upper
188 100
94 9.3 6.7 10.1
80 10.4 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 6.357 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.194 min
Lab File: BF125925.D
Acq: 26 Oct 2021 9:50

Tgt Ion:198 Resp: 981
Ion Ratio Lower Upper
198 100
51 176.7 45.3 85.3#
105 220.3 30.6 70.6#

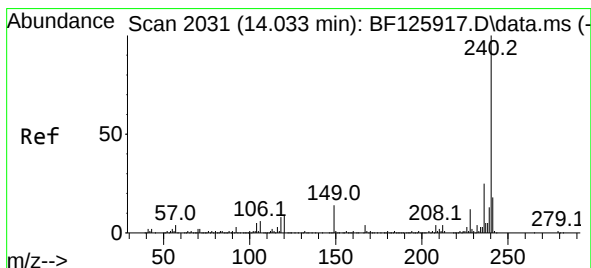
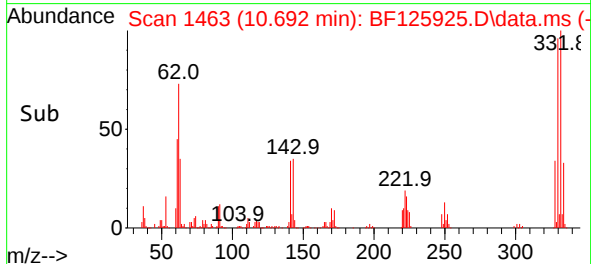
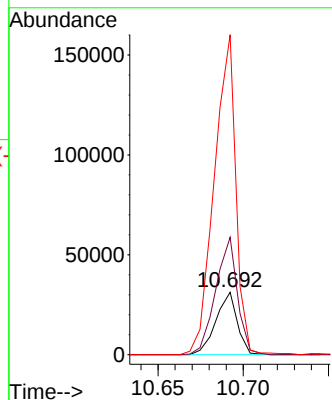
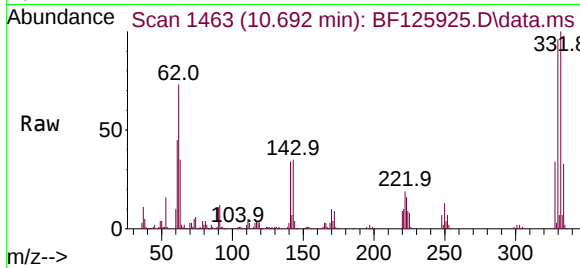




#67
4-Bromophenyl-phenylether
Concen: 3.809 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF125925.D
Acq: 26 Oct 2021 9:50

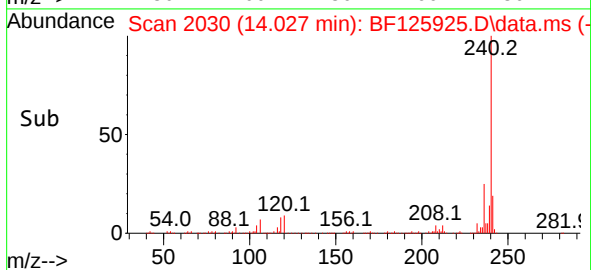
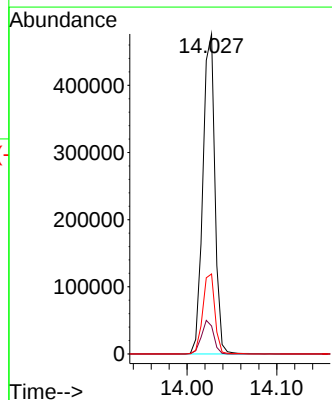
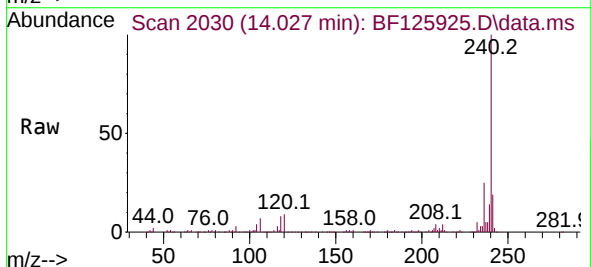
Instrument :
BNA_F
ClientSampleId :
PB140208BL

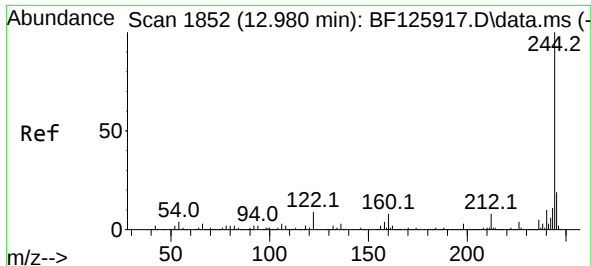
Tgt Ion:248 Resp: 27227
Ion Ratio Lower Upper
248 100
250 188.3 74.2 111.4#
141 513.0 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF125925.D
Acq: 26 Oct 2021 9:50

Tgt Ion:240 Resp: 443086
Ion Ratio Lower Upper
240 100
120 8.8 10.8 16.2#
236 25.0 21.6 32.4

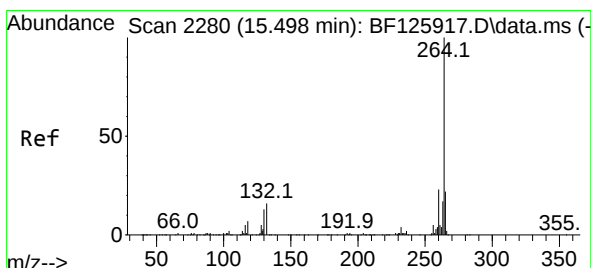
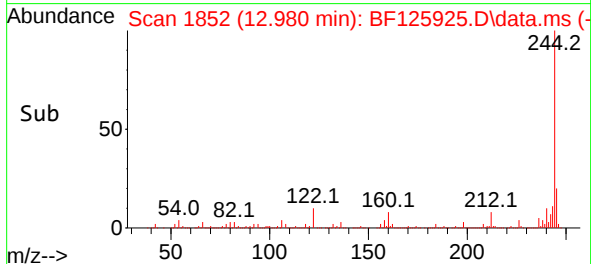
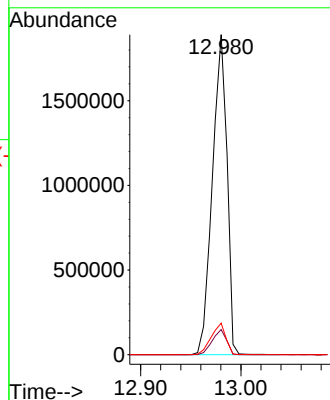
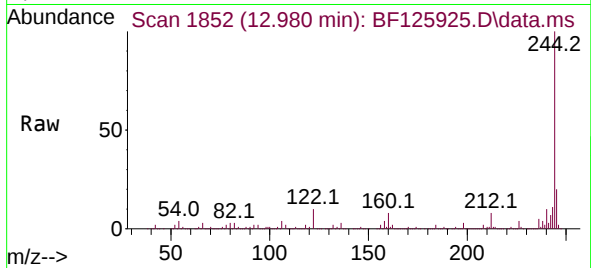




#79
Terphenyl-d14
Concen: 70.529 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF125925.D
Acq: 26 Oct 2021 9:50

Instrument :
BNA_F
ClientSampleId :
PB140208BL

Tgt Ion:244 Resp: 1910485
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 9.9 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: BF125925.D
Acq: 26 Oct 2021 9:50

Tgt Ion:264 Resp: 297272
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 22.6 17.2 25.8

