

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
 Data File : BF125959.D
 Acq On : 27 Oct 2021 12:36
 Operator : JU/CG
 Sample : PB140270BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB140270BL

Quant Time: Oct 27 13:12:39 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)

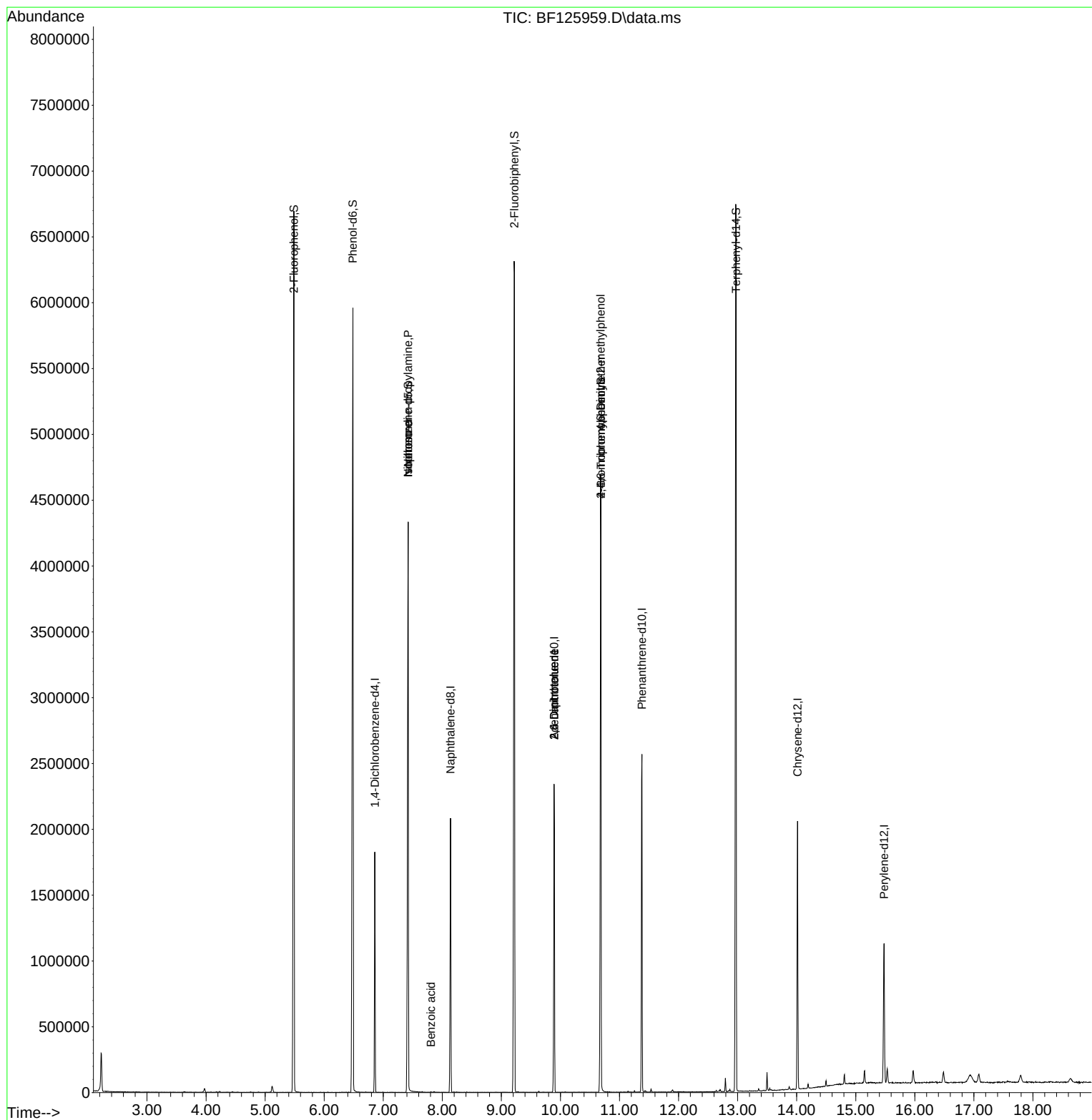
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	218386	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	906501	20.000	ng	#-0.02
39) Acenaphthene-d10	9.892	164	524458	20.000	ng	-0.02
64) Phenanthrene-d10	11.380	188	955345	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	666821	20.000	ng	#-0.02
86) Perylene-d12	15.480	264	461888	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.486	112	1752776	119.550	ng	0.00
7) Phenol-d6	6.486	99	2237640	111.273	ng	0.00
23) Nitrobenzene-d5	7.422	82	1437133	81.890	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	570703	124.828	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	2395407	80.771	ng	-0.01
79) Terphenyl-d14	12.974	244	2690614	66.001	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	195559	17.021	ng	# 63
25) Isophorone	7.422	82	1434289	42.916	ng	# 59
32) Benzoic acid	7.810	122	526	4.221	ng	# 69
51) 2,6-Dinitrotoluene	9.892	165	66440	10.369	ng	# 28
57) 2,4-Dinitrotoluene	9.892	165	66440	8.442	ng	# 19
58) Fluorene	10.680	166	22815	Below Cal	#	89
65) 4,6-Dinitro-2-methylph...	10.680	198	1380	6.353	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	36480	3.575	ng	# 1

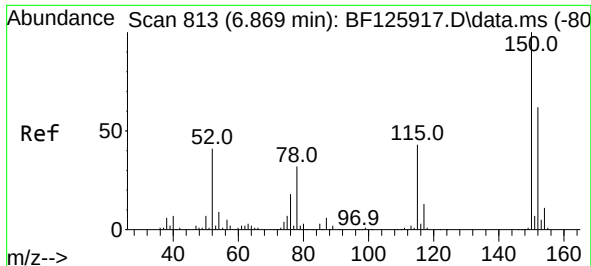
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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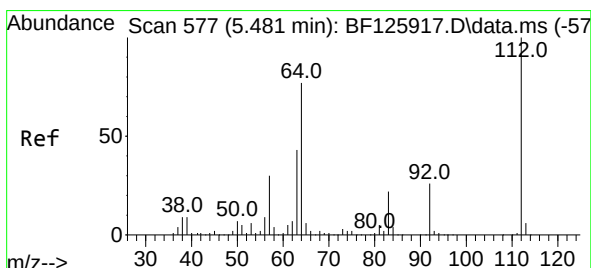
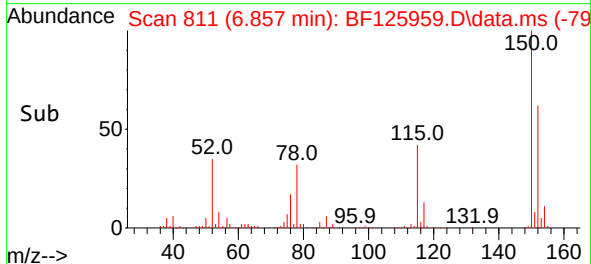
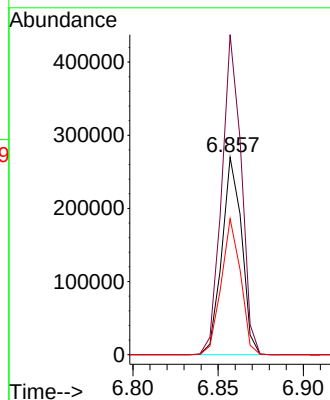
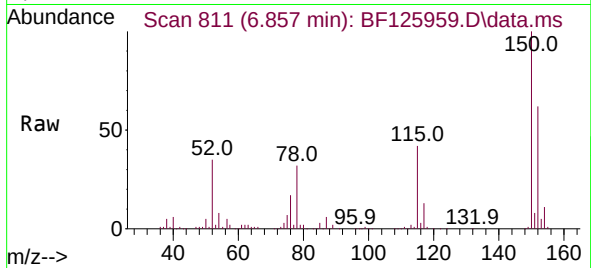




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF125959.D
Acq: 27 Oct 2021 12:36

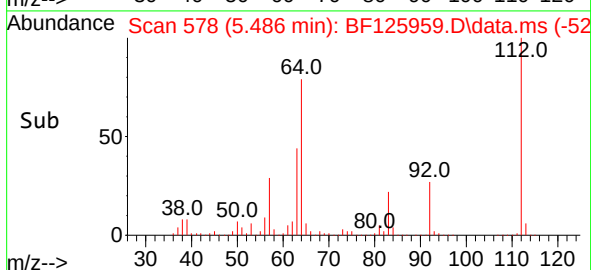
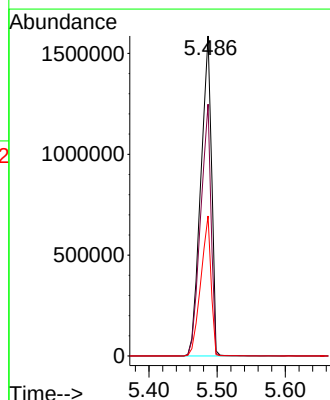
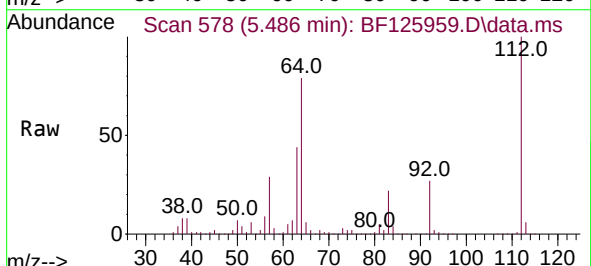
Instrument :
BNA_F
ClientSampleId :
PB140270BL

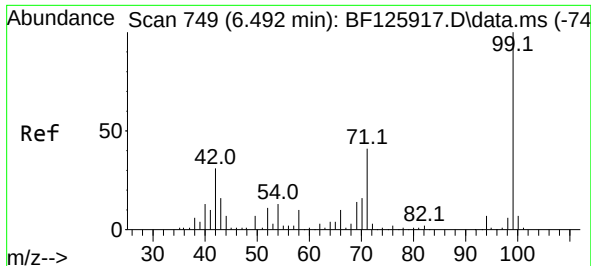
Tgt Ion:152 Resp: 218386
Ion Ratio Lower Upper
152 100
150 162.2 117.6 176.4
115 68.9 47.1 70.7



#5
2-Fluorophenol
Concen: 119.550 ng
RT: 5.486 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF125959.D
Acq: 27 Oct 2021 12:36

Tgt Ion:112 Resp: 1752776
Ion Ratio Lower Upper
112 100
64 78.7 44.2 66.2#
63 43.7 26.2 39.2#

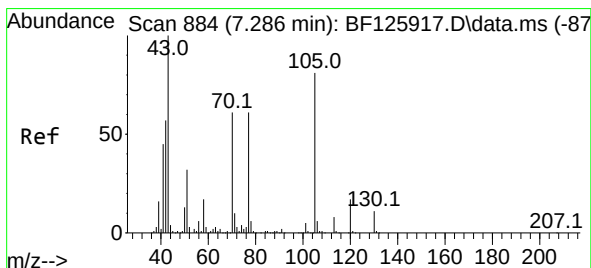
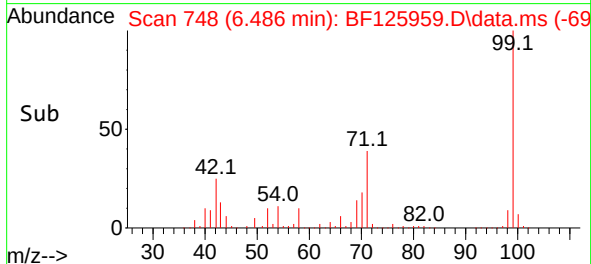
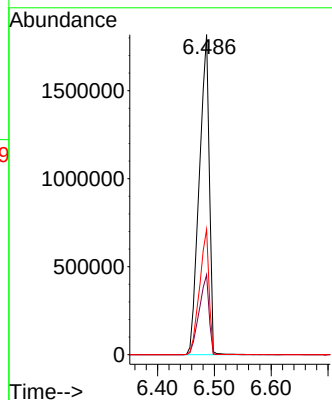
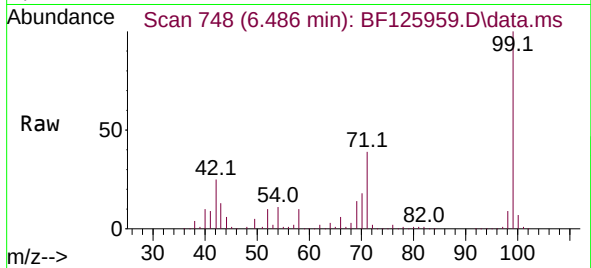




#7
Phenol-d6
Concen: 111.273 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF125959.D
Acq: 27 Oct 2021 12:36

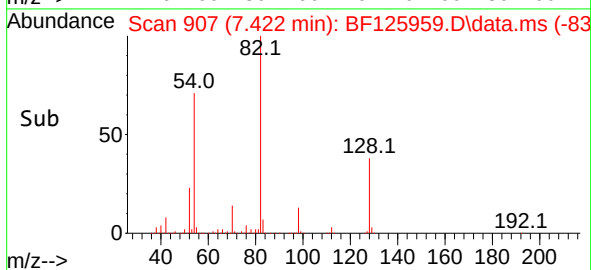
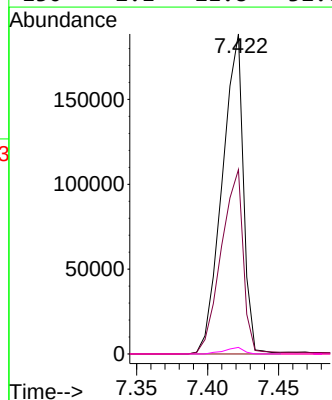
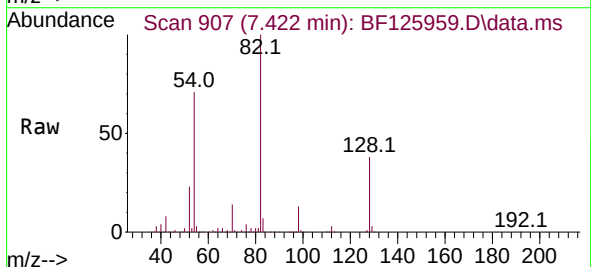
Instrument :
BNA_F
ClientSampleId :
PB140270BL

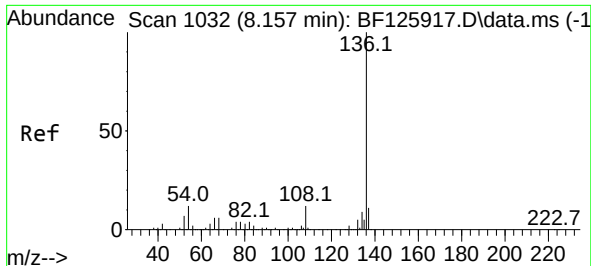
Tgt Ion: 99 Resp: 2237640
Ion Ratio Lower Upper
99 100
42 24.9 23.5 35.3
71 39.2 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 17.021 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF125959.D
Acq: 27 Oct 2021 12:36

Tgt Ion: 70 Resp: 195559
Ion Ratio Lower Upper
70 100
42 57.6 72.2 108.2#
101 0.0 7.8 11.8#
130 2.1 21.8 32.6#

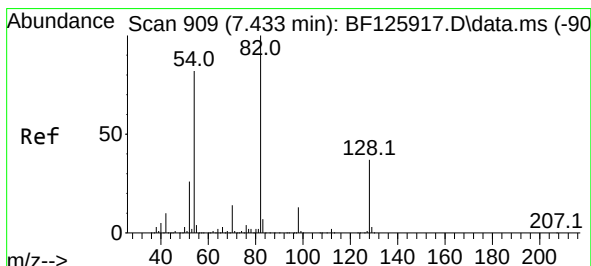
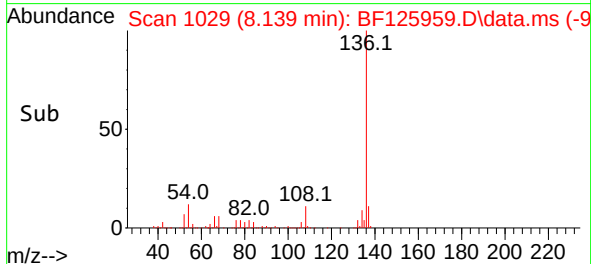
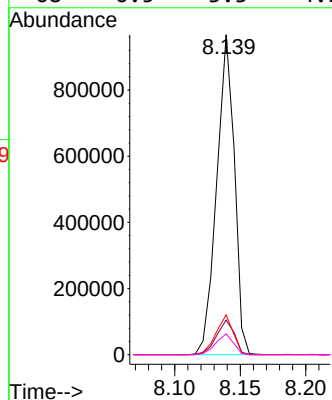
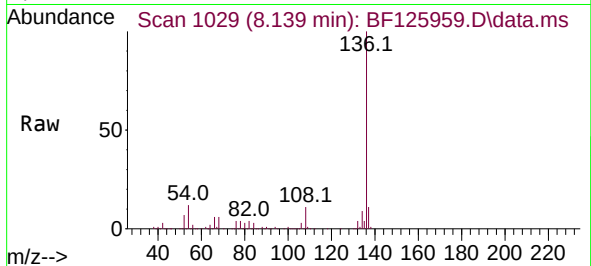




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF125959.D
Acq: 27 Oct 2021 12:36

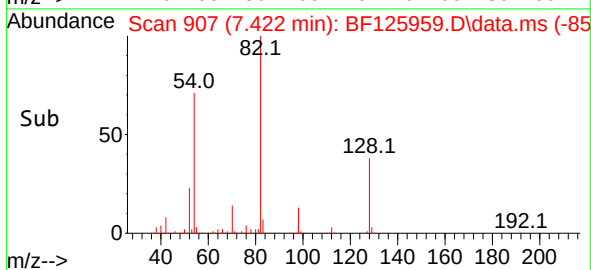
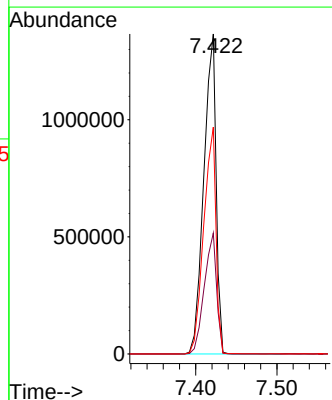
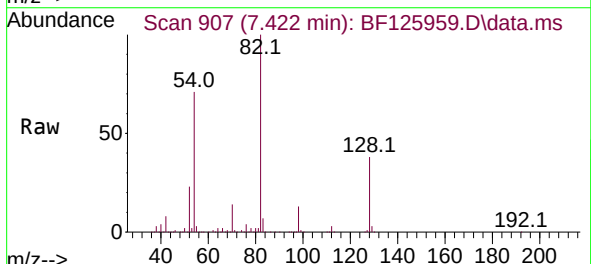
Instrument :
BNA_F
ClientSampleId :
PB140270BL

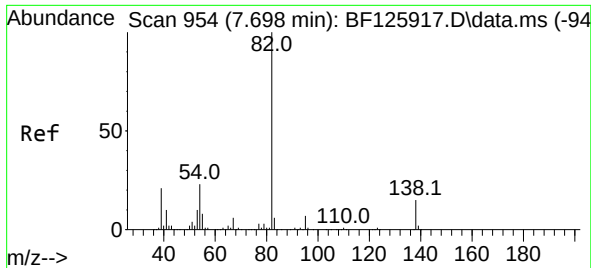
Tgt Ion:136	Resp: 906501
Ion Ratio	Lower Upper
136 100	
137 10.8	9.8 14.6
54 12.4	6.4 9.6#
68 6.5	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 81.890 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF125959.D
Acq: 27 Oct 2021 12:36

Tgt Ion: 82	Resp: 1437133
Ion Ratio	Lower Upper
82 100	
128 37.8	40.6 60.8#
54 70.9	49.6 74.4

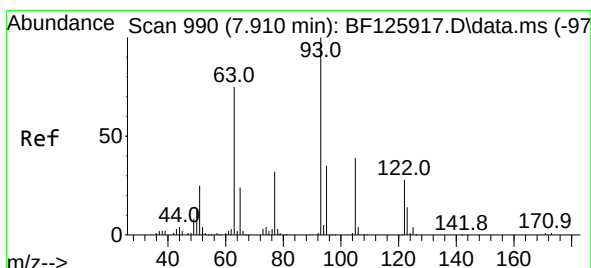
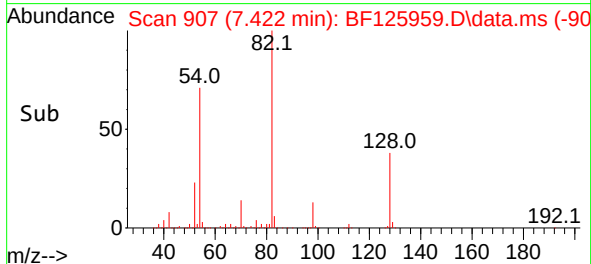
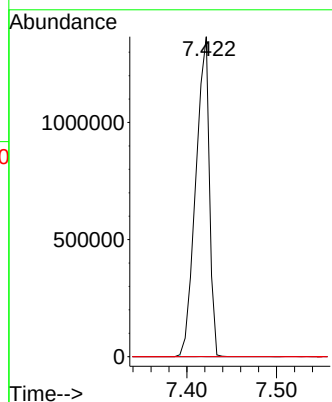
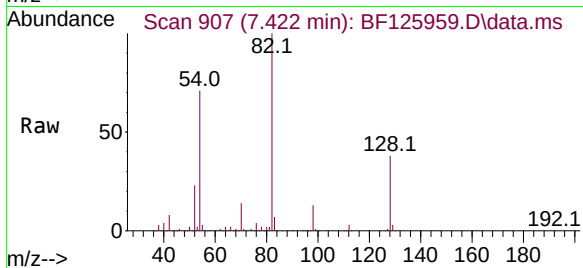




#25
Isophorone
Concen: 42.916 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.277 min
Lab File: BF125959.D
Acq: 27 Oct 2021 12:36

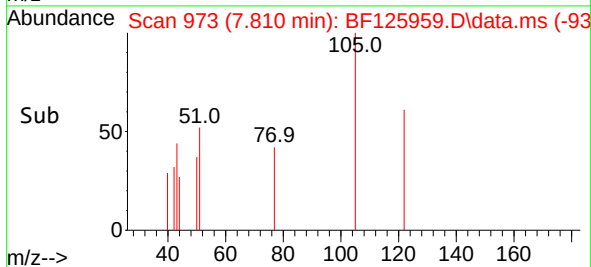
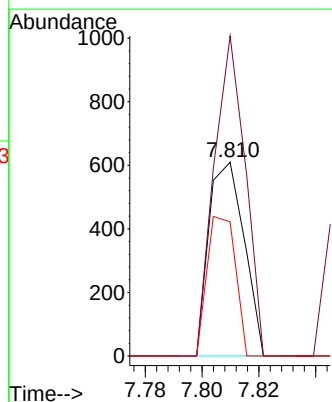
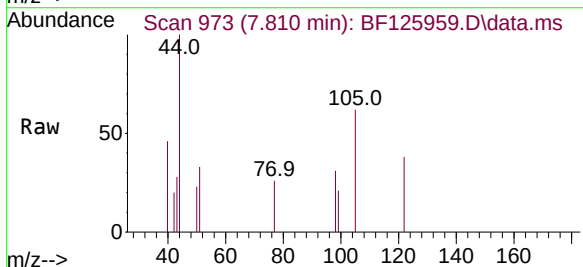
Instrument :
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ClientSampleId :
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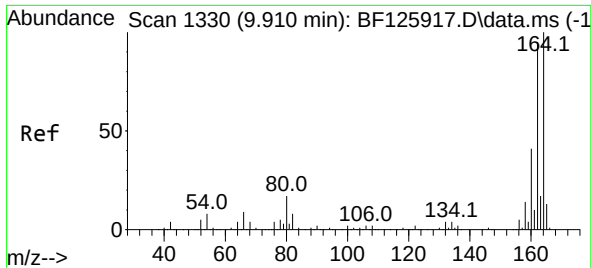
Tgt Ion: 82 Resp: 1434289
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 4.221 ng
RT: 7.810 min Scan# 973
Delta R.T. -0.100 min
Lab File: BF125959.D
Acq: 27 Oct 2021 12:36

Tgt Ion:122 Resp: 526
Ion Ratio Lower Upper
122 100
105 165.1 97.6 137.6#
77 69.2 59.6 99.6

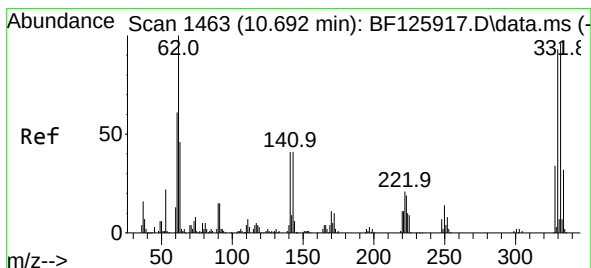
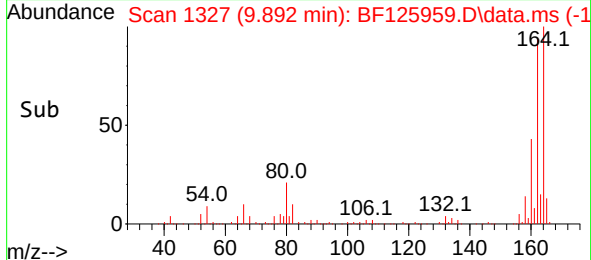
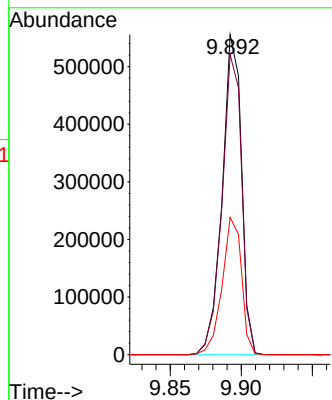
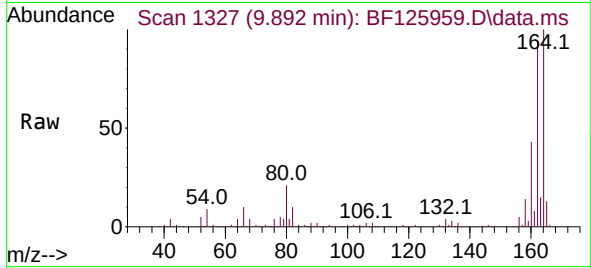




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF125959.D
Acq: 27 Oct 2021 12:36

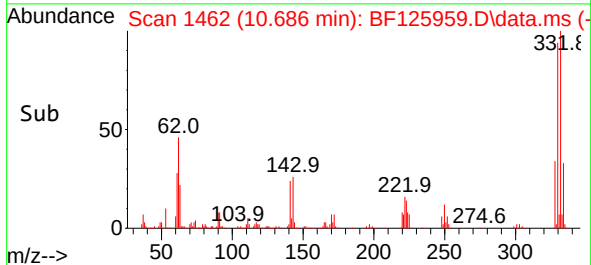
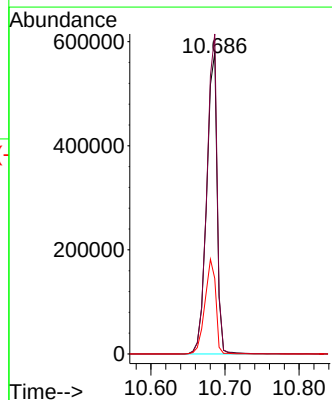
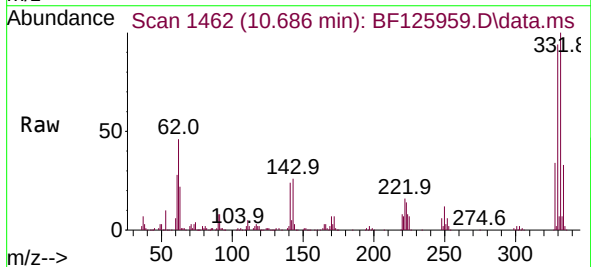
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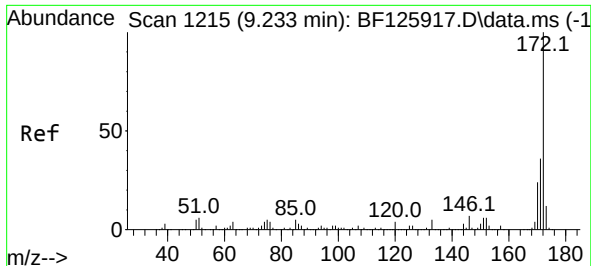
Tgt Ion:164 Resp: 524458
Ion Ratio Lower Upper
164 100
162 93.7 81.3 121.9
160 42.9 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 124.828 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF125959.D
Acq: 27 Oct 2021 12:36

Tgt Ion:330 Resp: 570703
Ion Ratio Lower Upper
330 100
332 103.8 76.2 114.4
141 32.5 44.6 66.8#

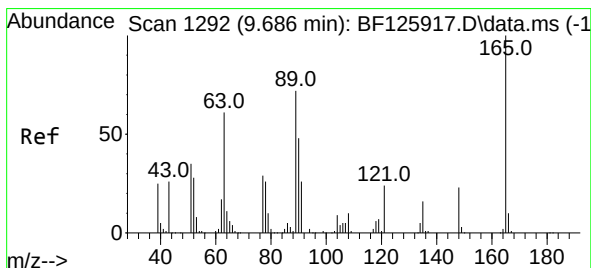
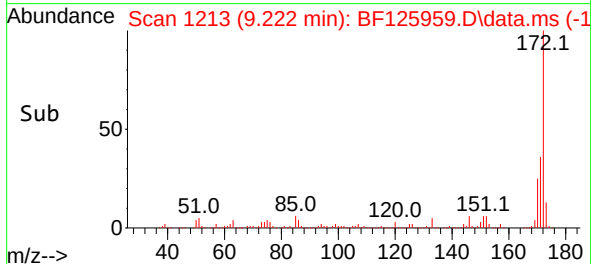
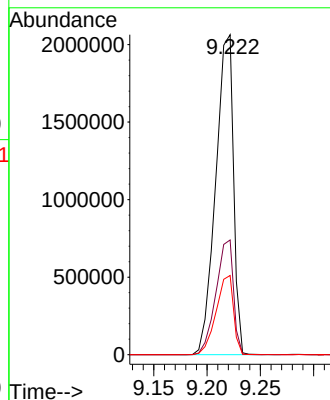
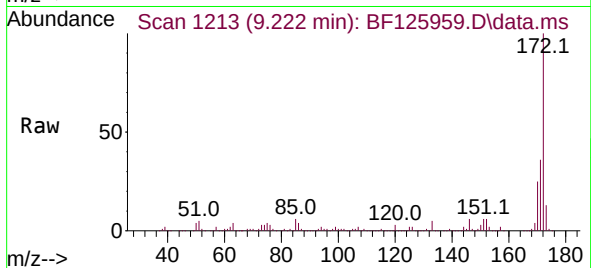




#45
2-Fluorobiphenyl
Concen: 80.771 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF125959.D
Acq: 27 Oct 2021 12:36

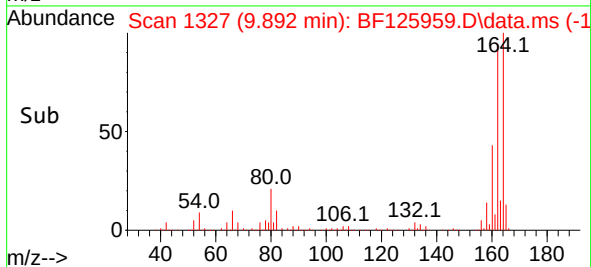
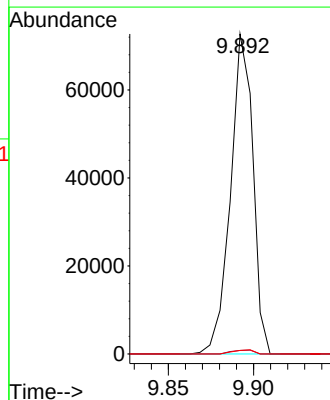
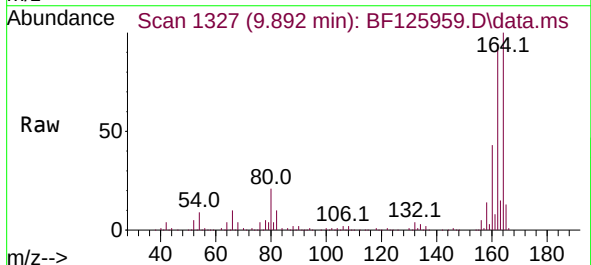
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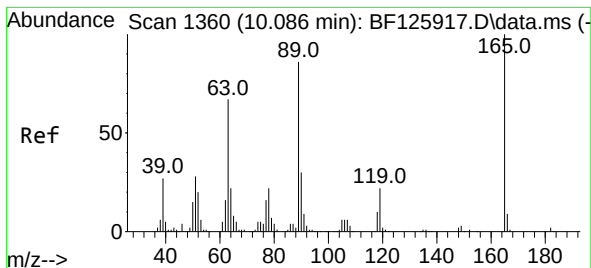
Tgt Ion:172 Resp: 2395407
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 24.8 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 10.369 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.206 min
Lab File: BF125959.D
Acq: 27 Oct 2021 12:36

Tgt Ion:165 Resp: 66440
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.1 40.6 60.8#

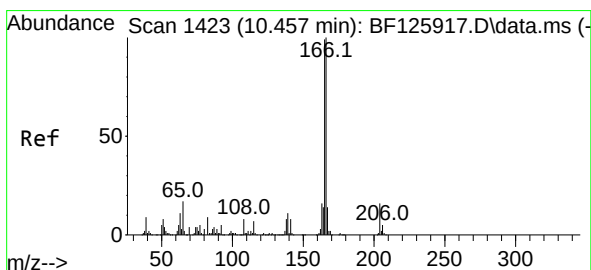
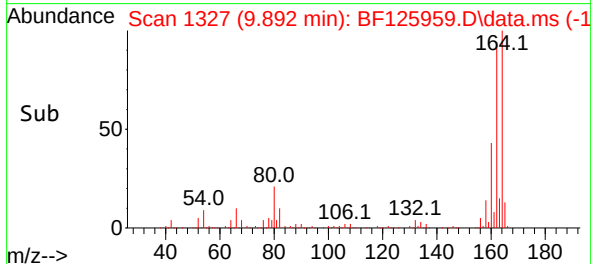
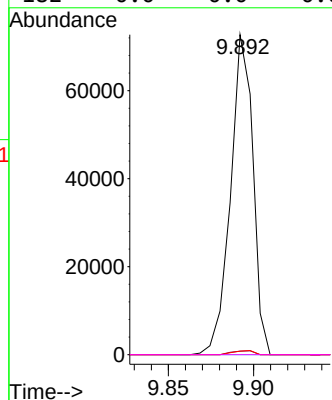
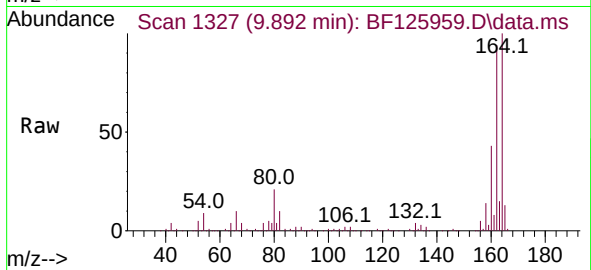




#57
2,4-Dinitrotoluene
Concen: 8.442 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.194 min
Lab File: BF125959.D
Acq: 27 Oct 2021 12:36

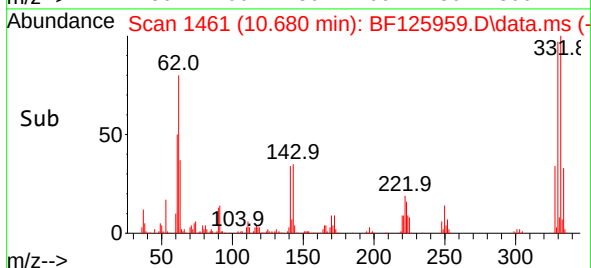
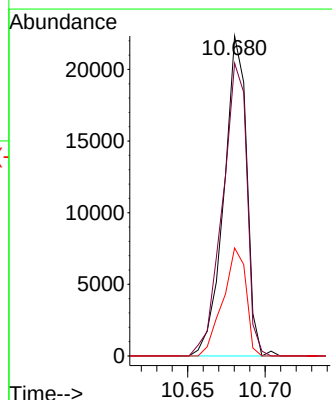
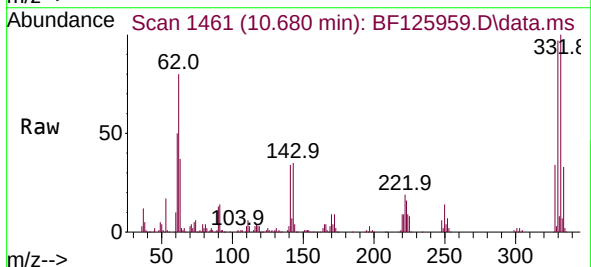
Instrument :
BNA_F
ClientSampleId :
PB140270BL

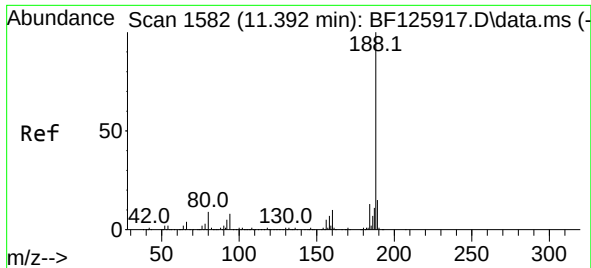
Tgt Ion:165 Resp: 66440
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0



#58
Fluorene
Concen: Below Cal
RT: 10.680 min Scan# 1461
Delta R.T. 0.223 min
Lab File: BF125959.D
Acq: 27 Oct 2021 12:36

Tgt Ion:166 Resp: 22815
Ion Ratio Lower Upper
166 100
165 91.5 78.1 117.1
167 33.7 11.1 16.7#

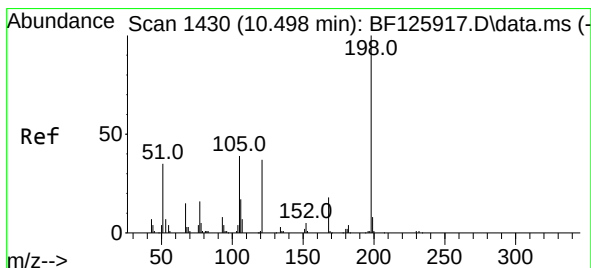
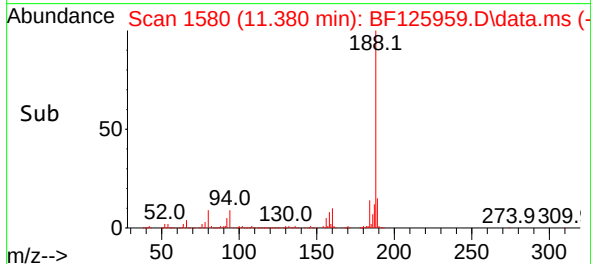
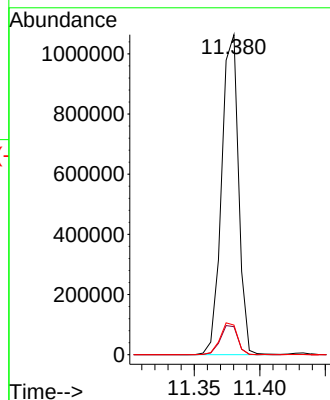
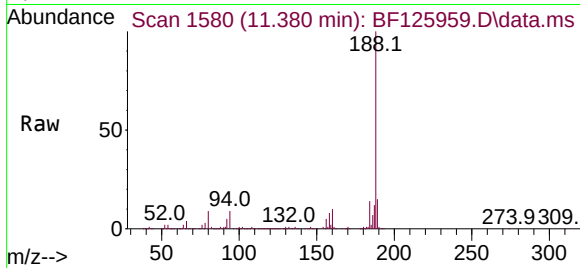




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF125959.D
Acq: 27 Oct 2021 12:36

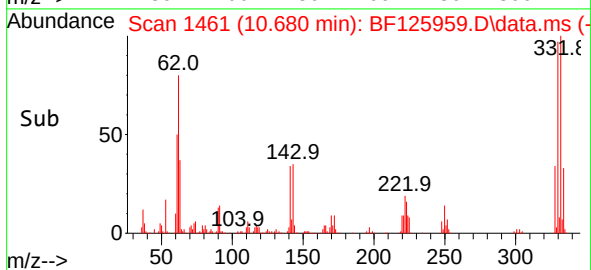
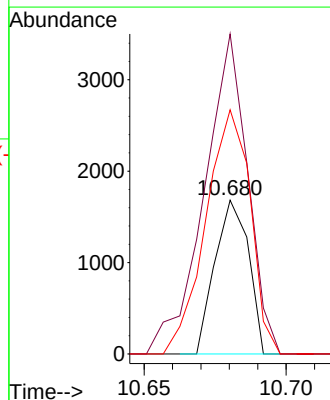
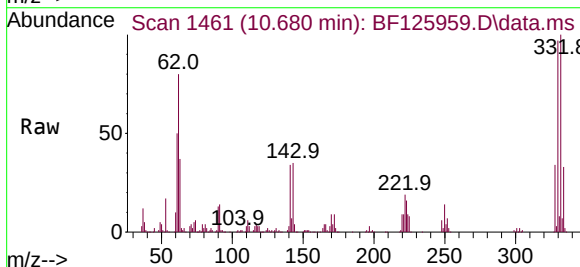
Instrument :
BNA_F
ClientSampleId :
PB140270BL

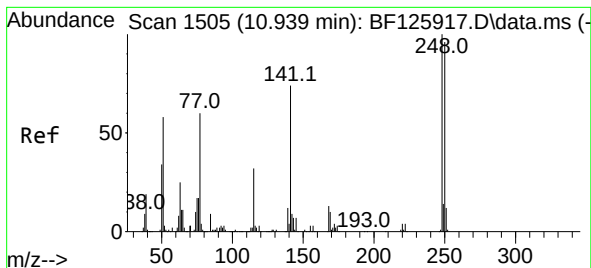
Tgt Ion:188	Resp:	955345
Ion Ratio	Lower	Upper
188	100	
94	8.7	6.7 10.1
80	9.3	7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 6.353 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.182 min
Lab File: BF125959.D
Acq: 27 Oct 2021 12:36

Tgt Ion:198	Resp:	1380
Ion Ratio	Lower	Upper
198	100	
51	208.0	45.3 85.3#
105	158.7	30.6 70.6#

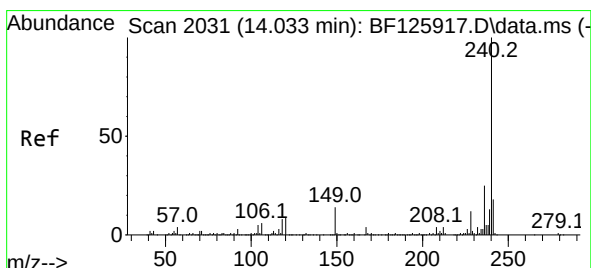
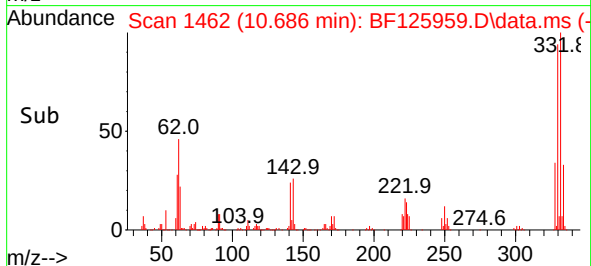
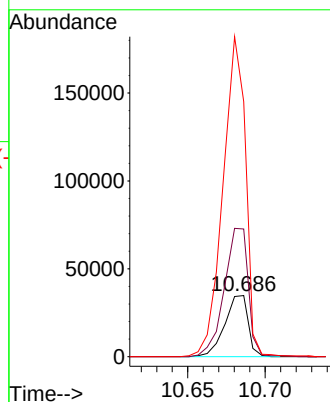
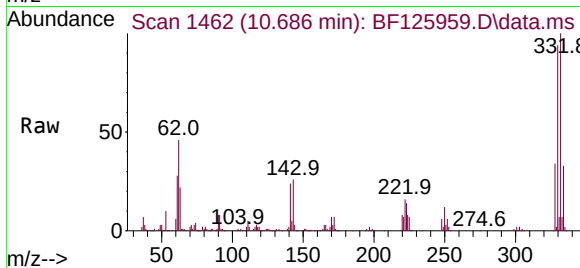




#67
4-Bromophenyl-phenylether
Concen: 3.575 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF125959.D
Acq: 27 Oct 2021 12:36

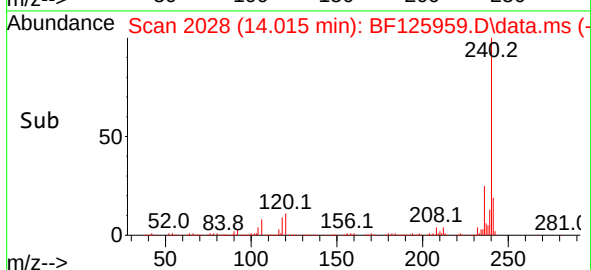
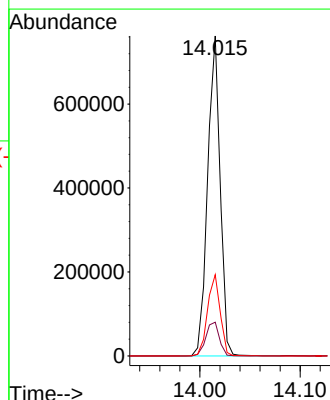
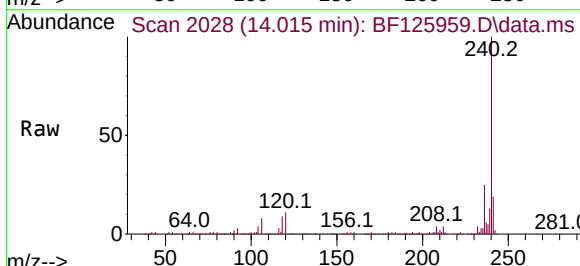
Instrument :
BNA_F
ClientSampleId :
PB140270BL

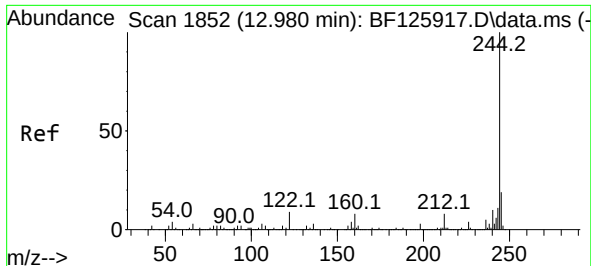
Tgt Ion:248 Resp: 36480
Ion Ratio Lower Upper
248 100
250 208.9 74.2 111.4#
141 416.9 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.018 min
Lab File: BF125959.D
Acq: 27 Oct 2021 12:36

Tgt Ion:240 Resp: 666821
Ion Ratio Lower Upper
240 100
120 10.6 10.8 16.2#
236 25.4 21.6 32.4

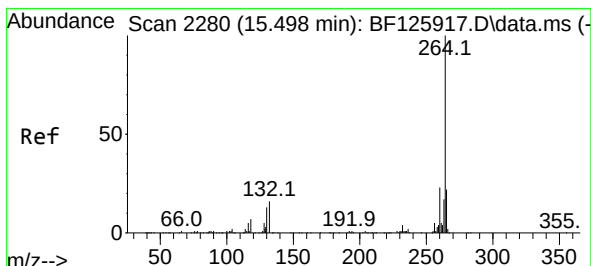
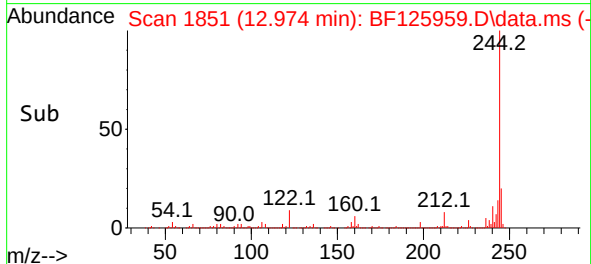
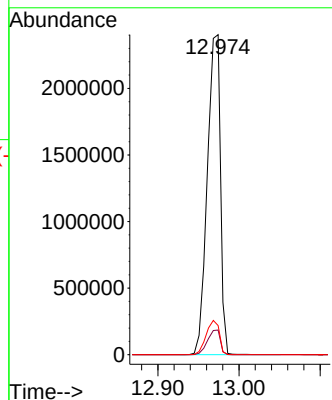
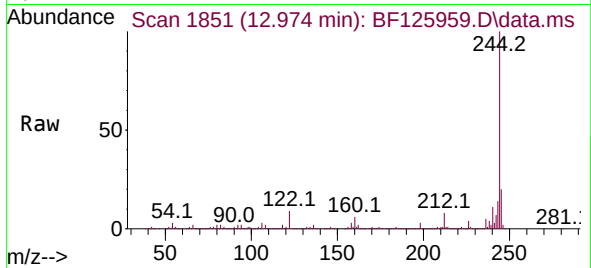




#79
 Terphenyl-d14
 Concen: 66.001 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF125959.D
 Acq: 27 Oct 2021 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB140270BL

Tgt Ion:244 Resp: 2690614
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 9.1 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. -0.018 min
 Lab File: BF125959.D
 Acq: 27 Oct 2021 12:36

Tgt Ion:264 Resp: 461888
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.6 29.4
 265 21.3 17.2 25.8

