

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
 Data File : BF125952.D
 Acq On : 27 Oct 2021 00:55
 Operator : JU/CG
 Sample : M4316-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2-IS

Quant Time: Oct 27 09:05:21 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)

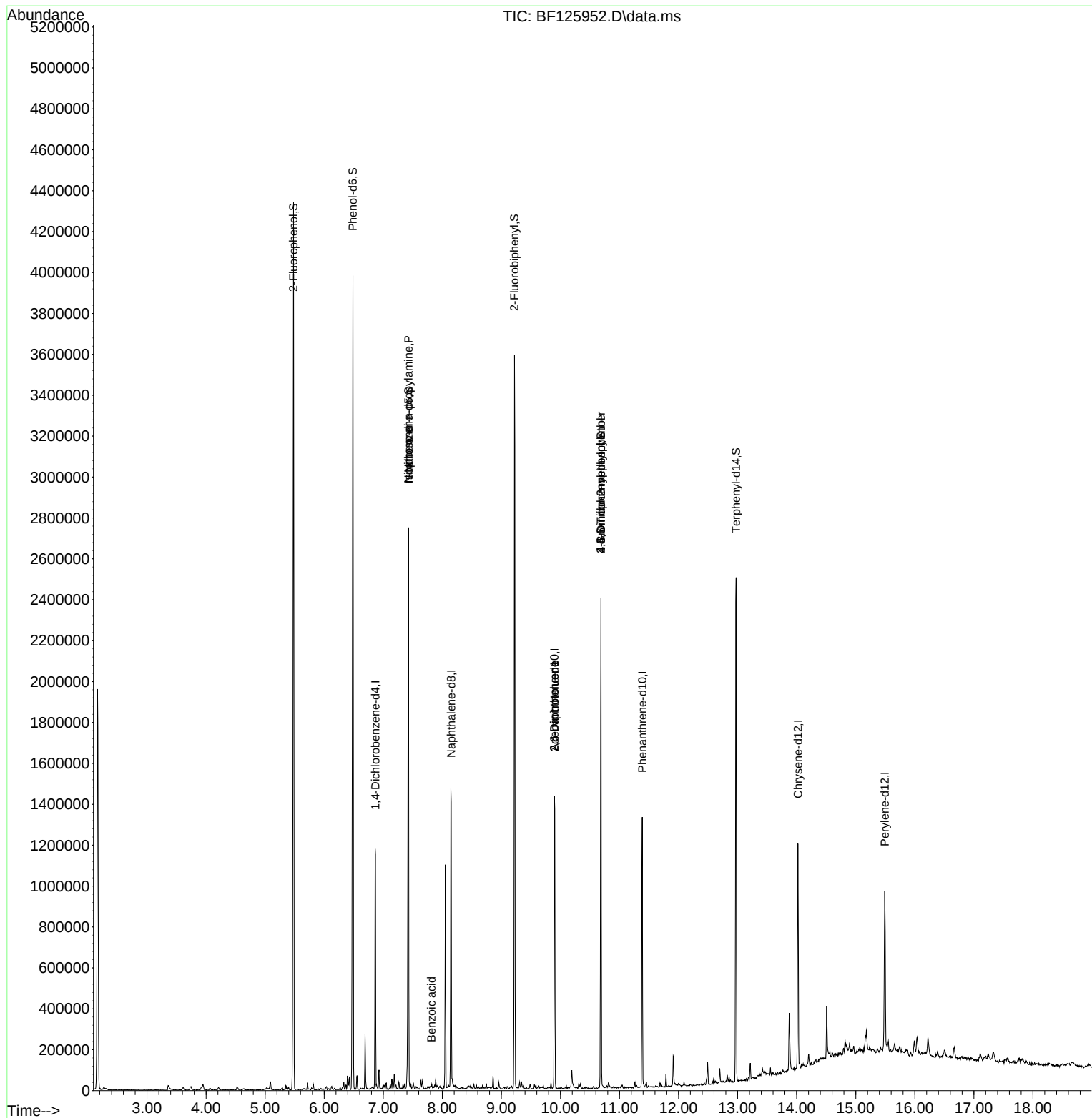
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	156711	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	611403	20.000	ng	# 0.00
39) Acenaphthene-d10	9.898	164	305726	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	457698	20.000	ng	0.00
76) Chrysene-d12	14.021	240	347894	20.000	ng	-0.01
86) Perylene-d12	15.492	264	330249	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	988776	93.982	ng	0.00
7) Phenol-d6	6.487	99	1230599	85.279	ng	0.00
23) Nitrobenzene-d5	7.428	82	808651	68.318	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	221113	82.965	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1062801	61.476	ng	-0.01
79) Terphenyl-d14	12.974	244	830433	39.045	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	109733	13.310	ng	# 64
25) Isophorone	7.428	82	804882	35.707	ng	# 59
32) Benzoic acid	7.816	122	247	4.205	ng	# 1
51) 2,6-Dinitrotoluene	9.898	165	38047	10.186	ng	# 28
57) 2,4-Dinitrotoluene	9.898	165	38047	8.293	ng	# 20
58) Fluorene	10.445	166	617	Below Cal		# 89
65) 4,6-Dinitro-2-methylph...	10.686	198	639	6.343	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	16083	3.289	ng	# 1

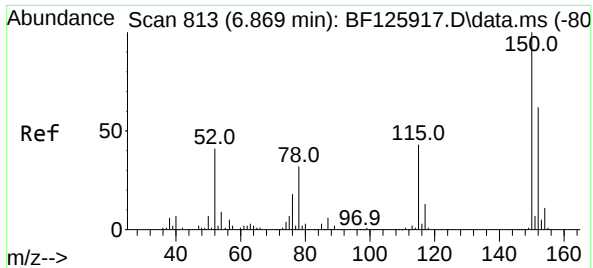
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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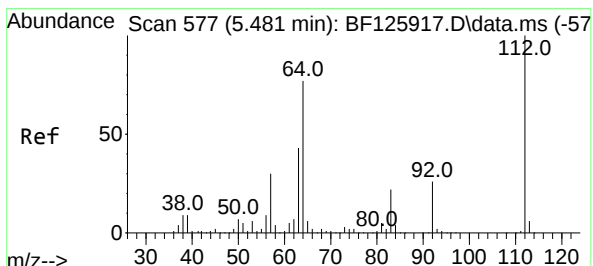
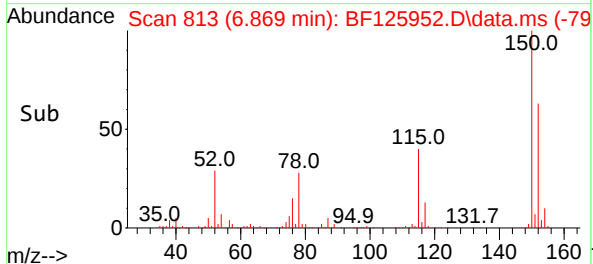
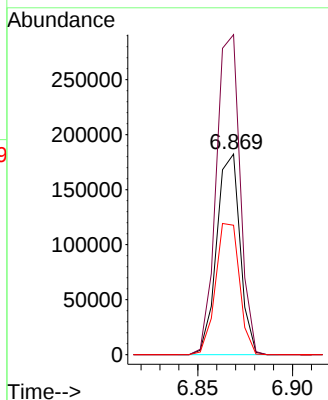
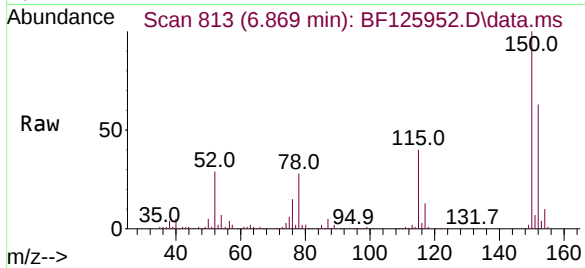




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: BF125952.D
 Acq: 27 Oct 2021 00:55

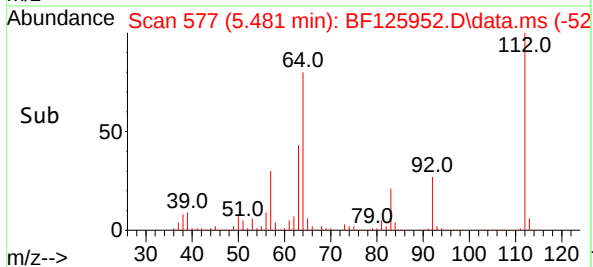
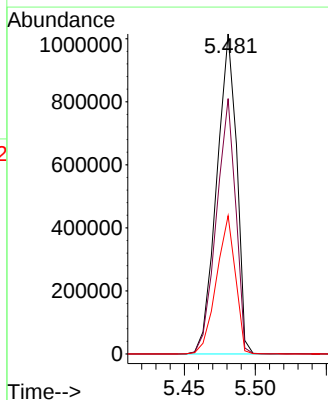
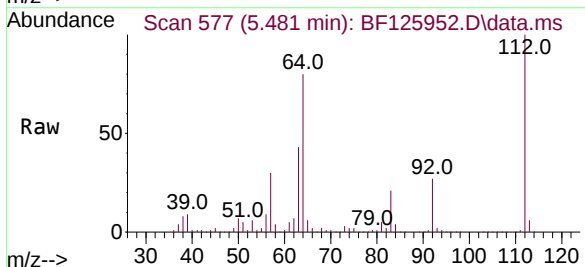
Instrument :
 BNA_F
 ClientSampleId :
 WC-2-IS

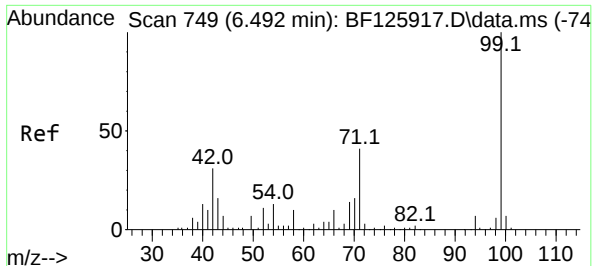
Tgt Ion:152 Resp: 156711
 Ion Ratio Lower Upper
 152 100
 150 159.5 117.6 176.4
 115 64.5 47.1 70.7



#5
 2-Fluorophenol
 Concen: 93.982 ng
 RT: 5.481 min Scan# 577
 Delta R.T. 0.000 min
 Lab File: BF125952.D
 Acq: 27 Oct 2021 00:55

Tgt Ion:112 Resp: 988776
 Ion Ratio Lower Upper
 112 100
 64 79.8 44.2 66.2#
 63 43.2 26.2 39.2#

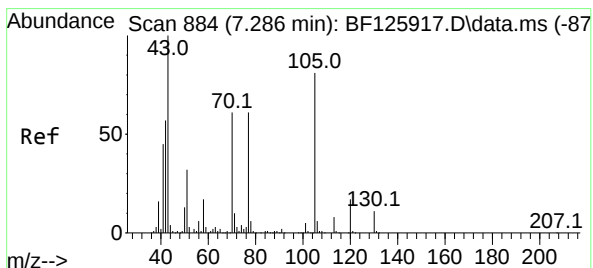
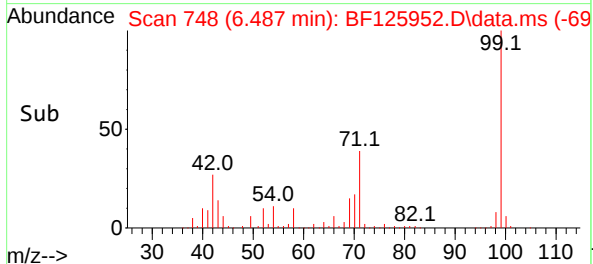
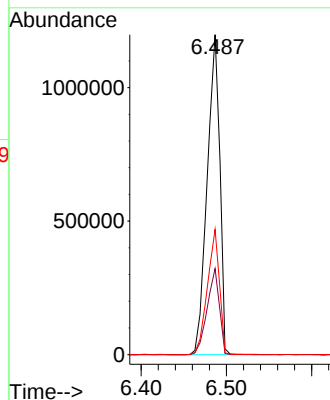
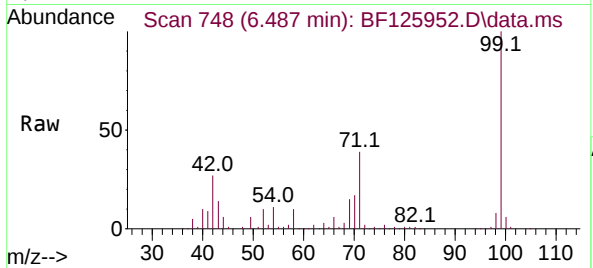




#7
Phenol-d6
Concen: 85.279 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF125952.D
Acq: 27 Oct 2021 00:55

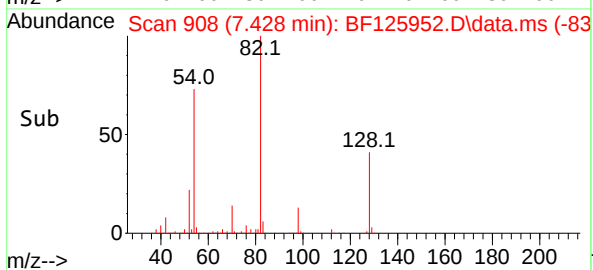
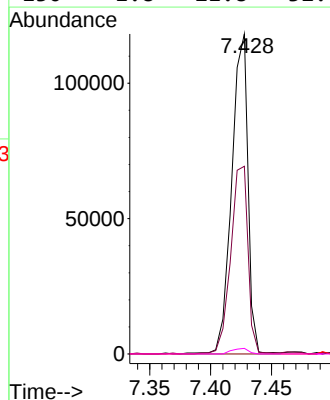
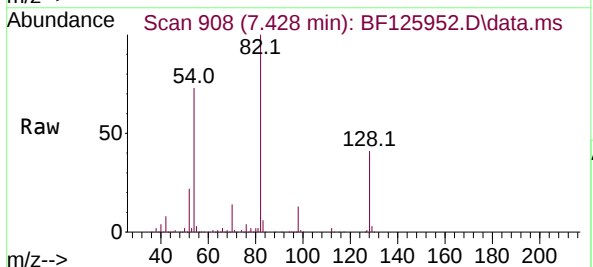
Instrument :
BNA_F
ClientSampleId :
WC-2-IS

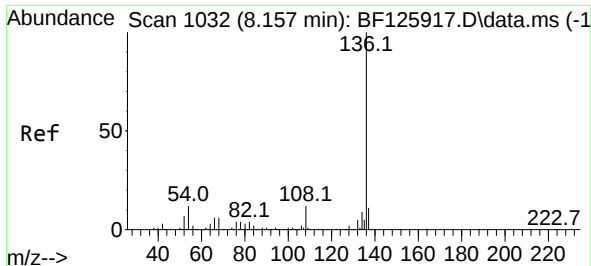
Tgt Ion: 99 Resp: 1230599
Ion Ratio Lower Upper
99 100
42 26.9 23.5 35.3
71 39.1 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 13.310 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF125952.D
Acq: 27 Oct 2021 00:55

Tgt Ion: 70 Resp: 109733
Ion Ratio Lower Upper
70 100
42 58.6 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#

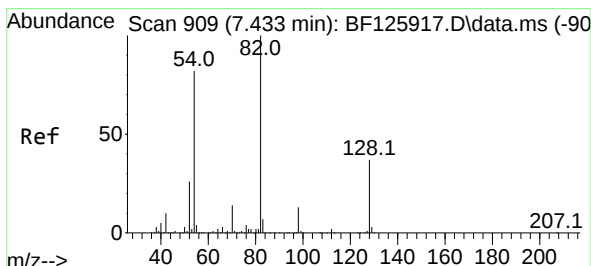
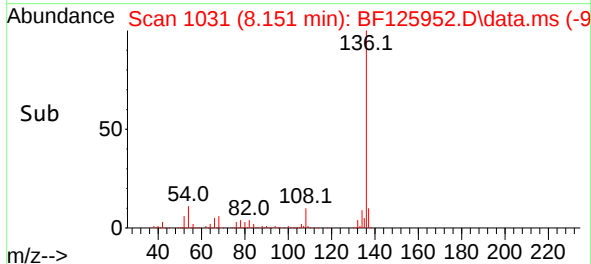
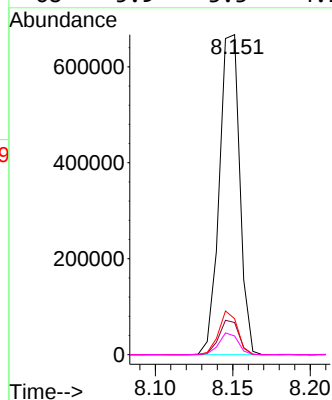
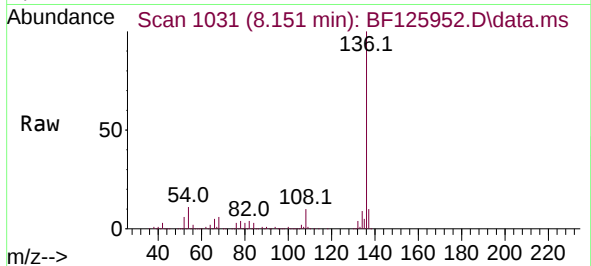




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF125952.D
Acq: 27 Oct 2021 00:55

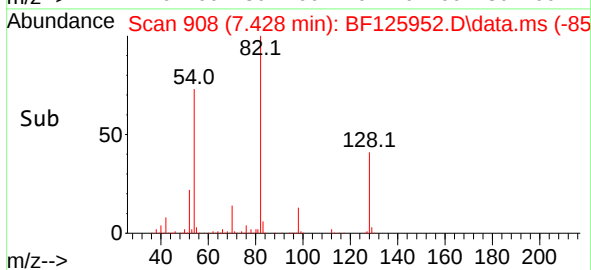
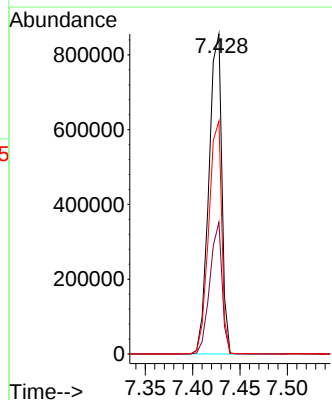
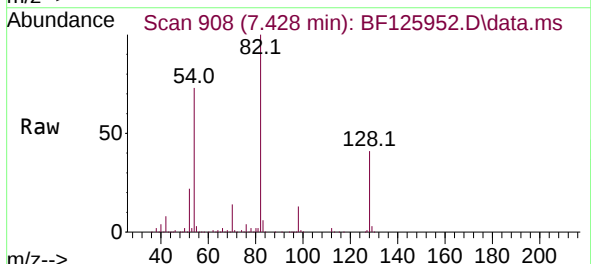
Instrument :
BNA_F
ClientSampleId :
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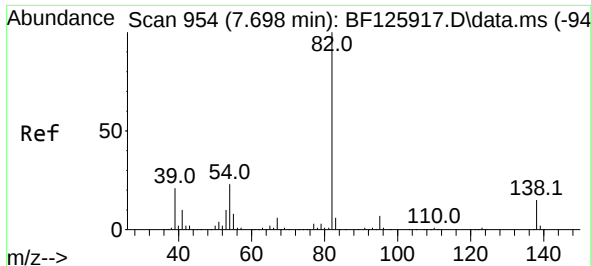
Tgt Ion:136	Resp: 611403
Ion Ratio	Lower Upper
136 100	
137 10.0	9.8 14.6
54 11.3	6.4 9.6#
68 5.9	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 68.318 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF125952.D
Acq: 27 Oct 2021 00:55

Tgt Ion: 82	Resp: 808651
Ion Ratio	Lower Upper
82 100	
128 41.2	40.6 60.8
54 72.8	49.6 74.4

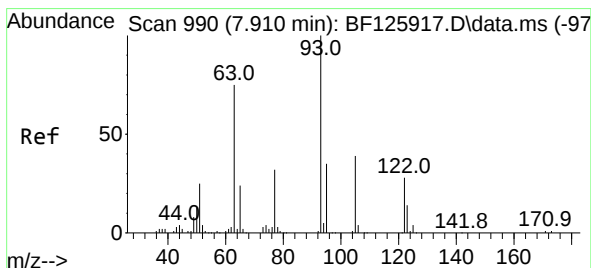
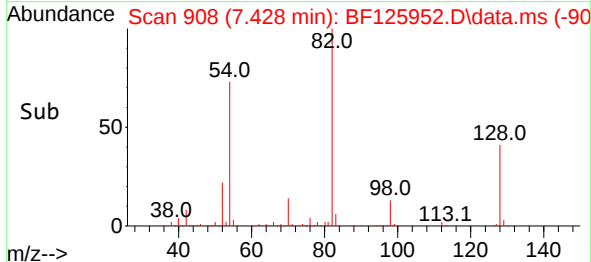
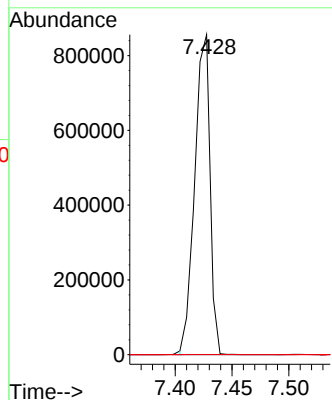
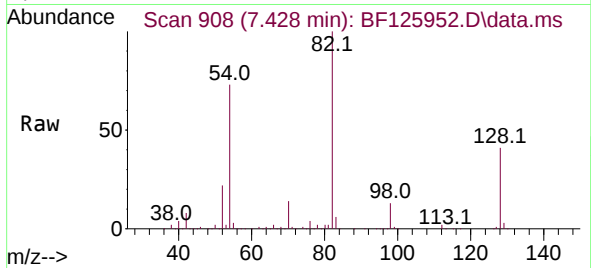




#25
Isophorone
Concen: 35.707 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.270 min
Lab File: BF125952.D
Acq: 27 Oct 2021 00:55

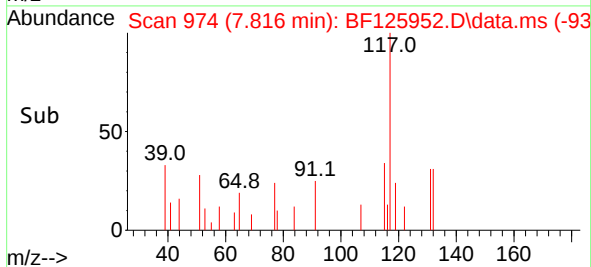
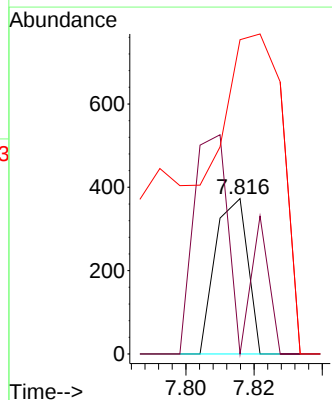
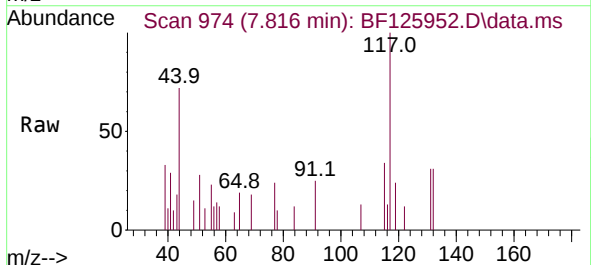
Instrument :
BNA_F
ClientSampleId :
WC-2-IS

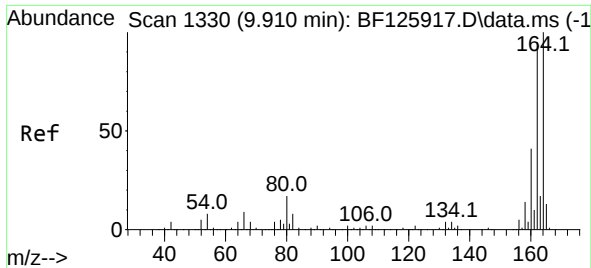
Tgt Ion: 82 Resp: 804882
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 4.205 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.094 min
Lab File: BF125952.D
Acq: 27 Oct 2021 00:55

Tgt Ion: 122 Resp: 247
Ion Ratio Lower Upper
122 100
105 0.0 97.6 137.6#
77 202.1 59.6 99.6#

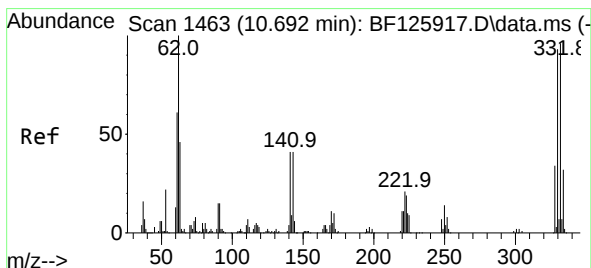
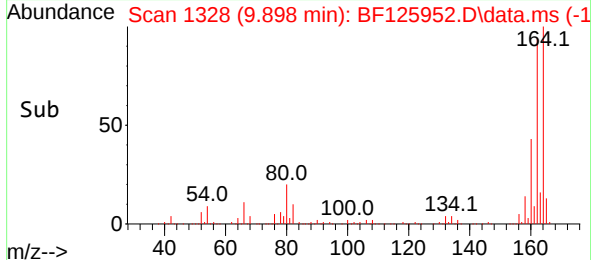
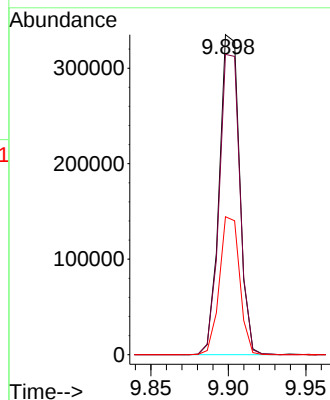
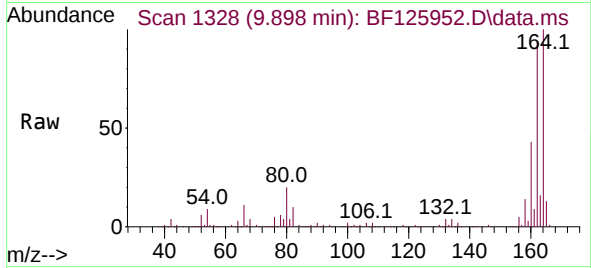




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF125952.D
Acq: 27 Oct 2021 00:55

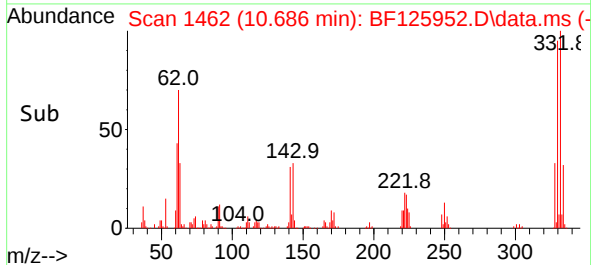
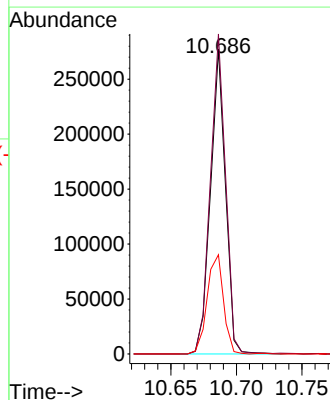
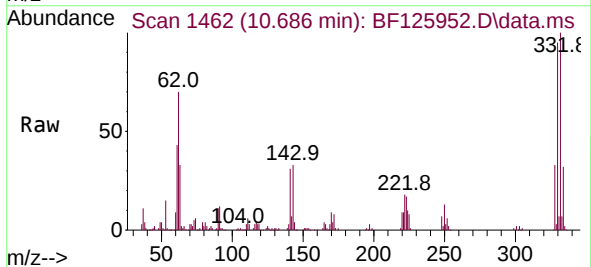
Instrument :
BNA_F
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WC-2-IS

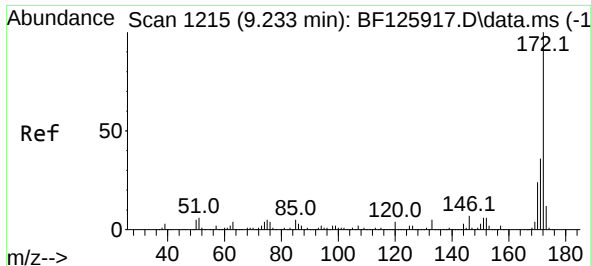
Tgt Ion:164 Resp: 305726
Ion Ratio Lower Upper
164 100
162 93.9 81.3 121.9
160 43.1 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 82.965 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF125952.D
Acq: 27 Oct 2021 00:55

Tgt Ion:330 Resp: 221113
Ion Ratio Lower Upper
330 100
332 106.5 76.2 114.4
141 35.6 44.6 66.8#

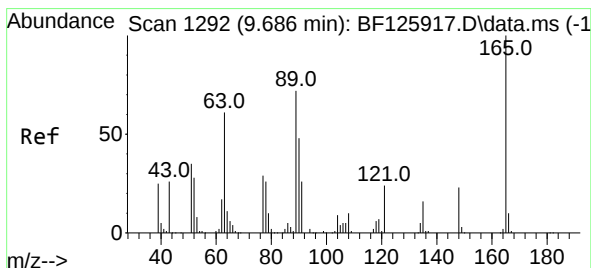
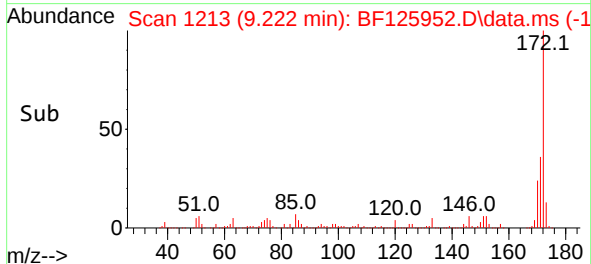
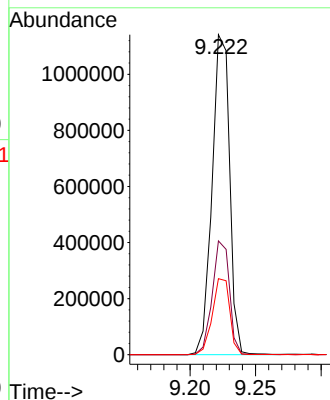
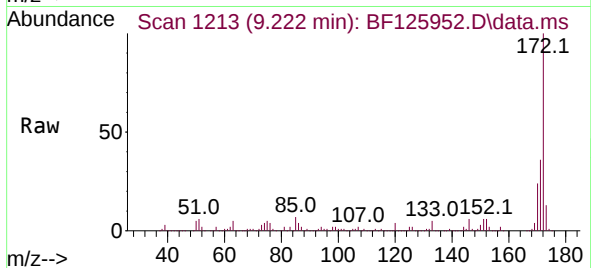




#45
2-Fluorobiphenyl
Concen: 61.476 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF125952.D
Acq: 27 Oct 2021 00:55

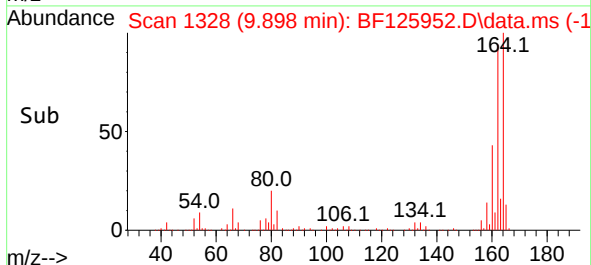
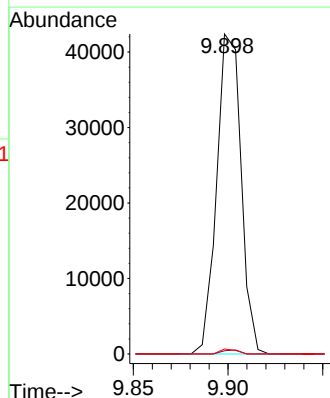
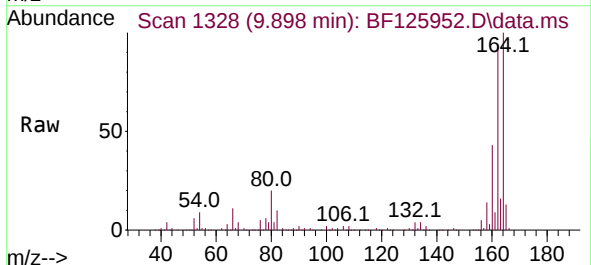
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BNA_F
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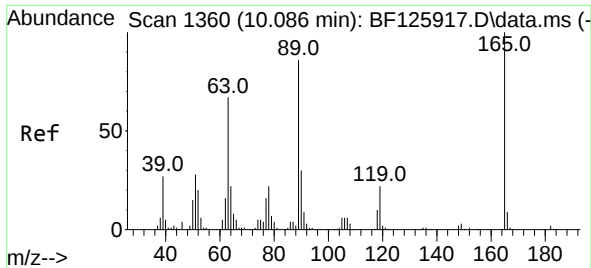
Tgt Ion:172 Resp: 1062801
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 23.7 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 10.186 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF125952.D
Acq: 27 Oct 2021 00:55

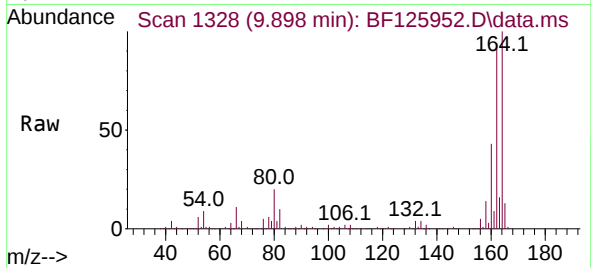
Tgt Ion:165 Resp: 38047
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.6 40.6 60.8#



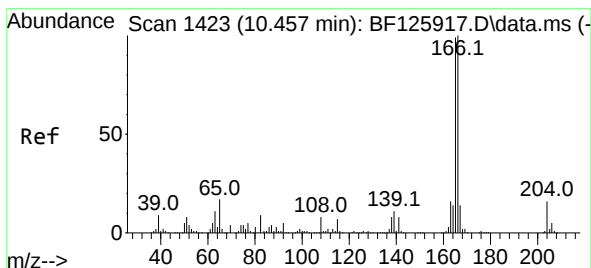
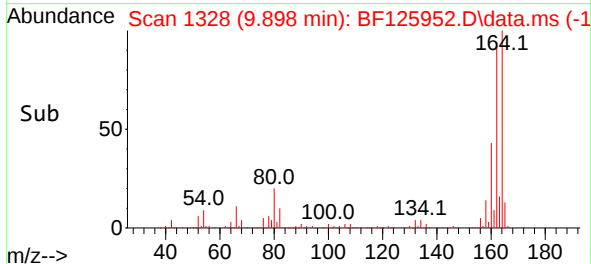
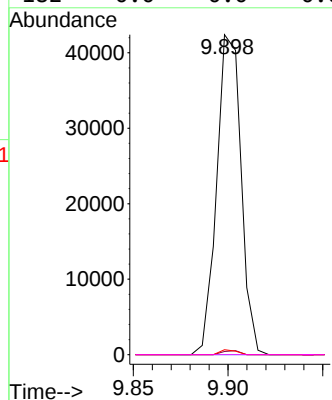


#57
2,4-Dinitrotoluene
Concen: 8.293 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.188 min
Lab File: BF125952.D
Acq: 27 Oct 2021 00:55

Instrument :
BNA_F
ClientSampled :
WC-2-IS

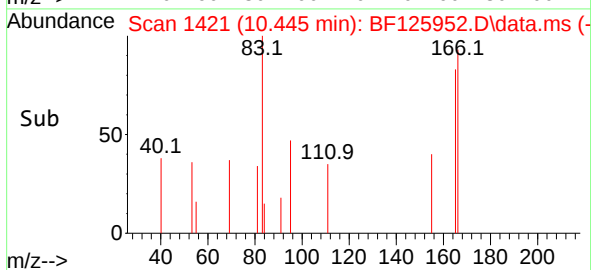
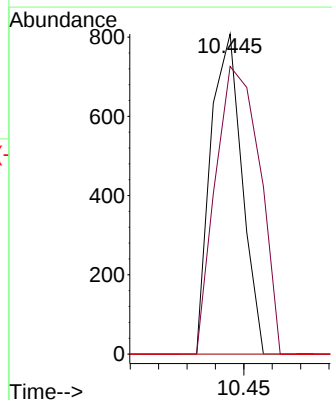
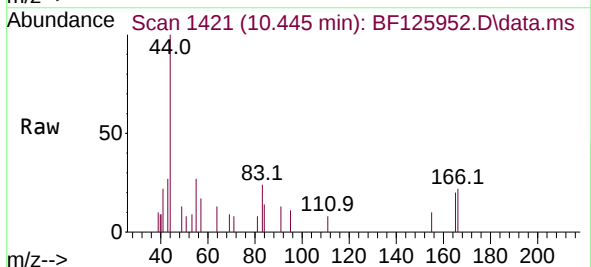


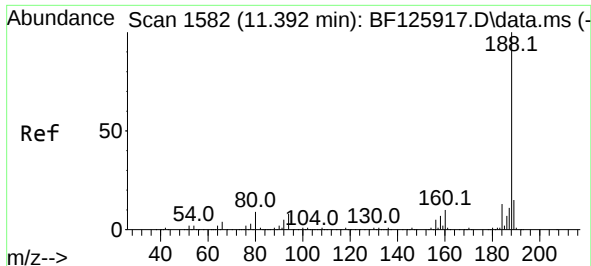
Tgt Ion:165 Resp: 38047
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.6 59.7 89.5#
182 0.0 0.0 0.0



#58
Fluorene
Concen: Below Cal
RT: 10.445 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF125952.D
Acq: 27 Oct 2021 00:55

Tgt Ion:166 Resp: 617
Ion Ratio Lower Upper
166 100
165 89.9 78.1 117.1
167 0.0 11.1 16.7#

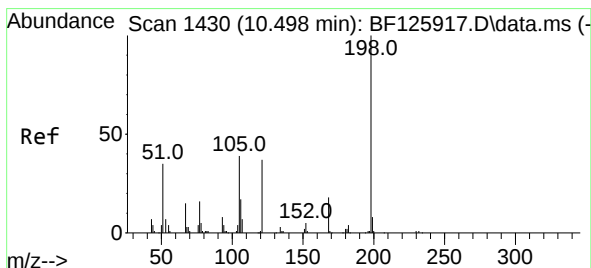
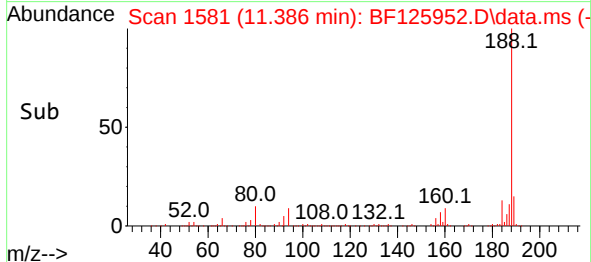
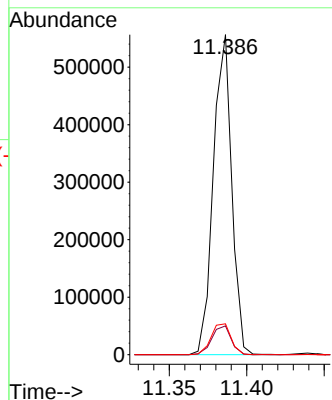
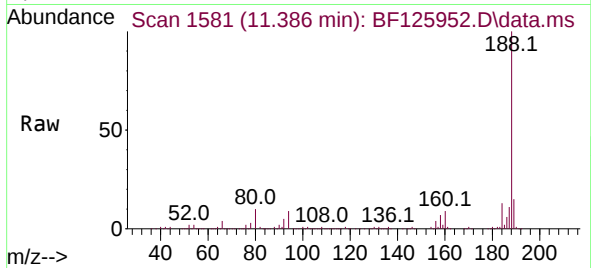




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125952.D
Acq: 27 Oct 2021 00:55

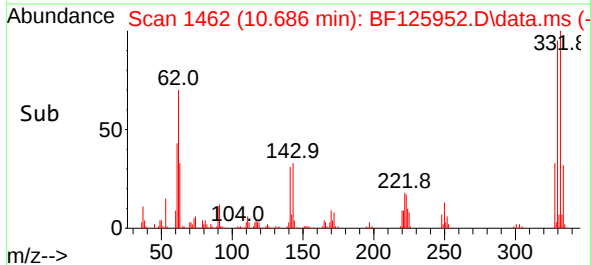
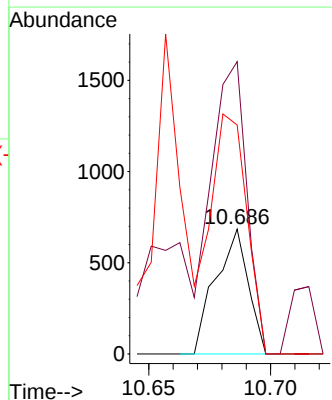
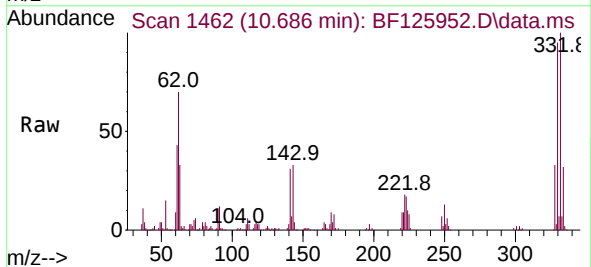
Instrument :
BNA_F
ClientSampleId :
WC-2-IS

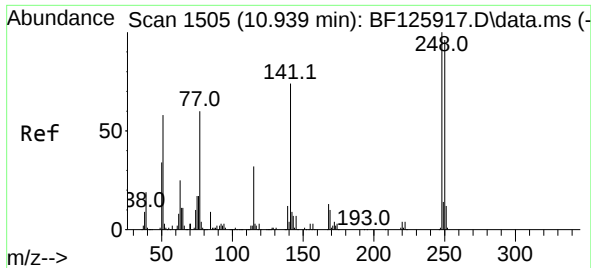
Tgt Ion:188 Resp: 457698
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 9.6 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 6.343 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF125952.D
Acq: 27 Oct 2021 00:55

Tgt Ion:198 Resp: 639
Ion Ratio Lower Upper
198 100
51 234.2 45.3 85.3#
105 183.5 30.6 70.6#

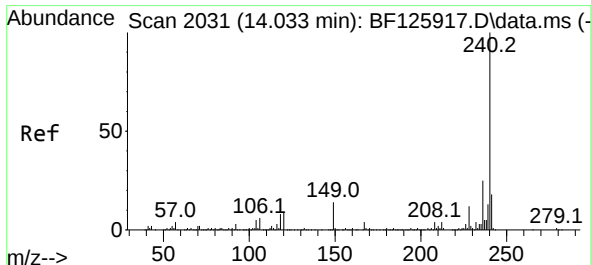
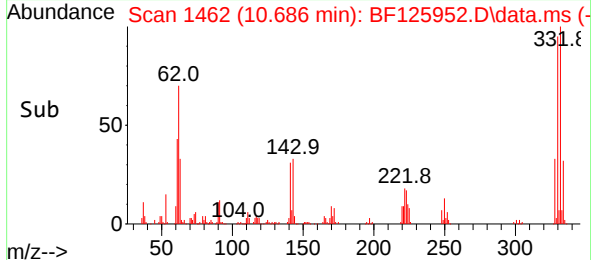
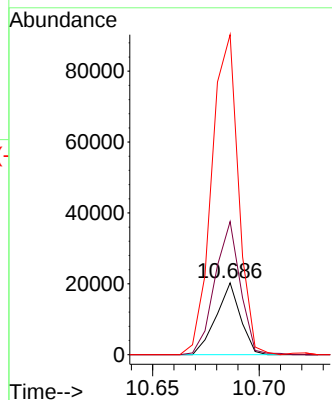
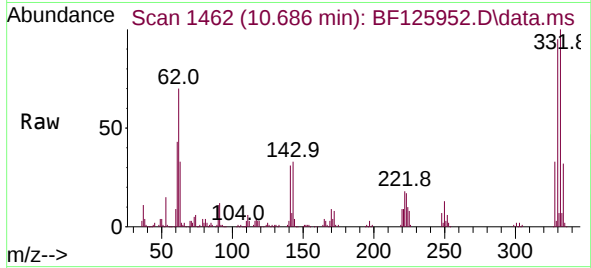




#67
4-Bromophenyl-phenylether
Concen: 3.289 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF125952.D
Acq: 27 Oct 2021 00:55

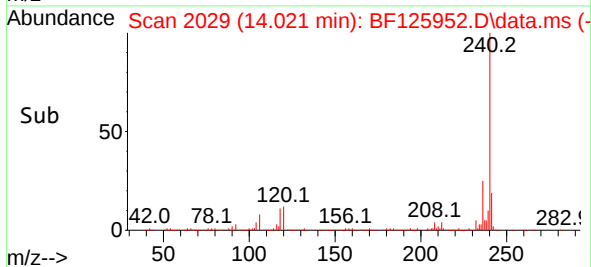
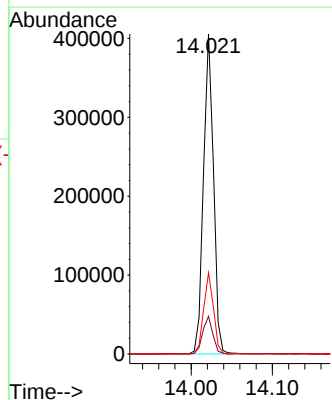
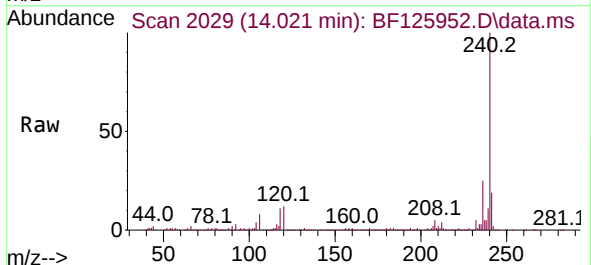
Instrument :
BNA_F
ClientSampled :
WC-2-IS

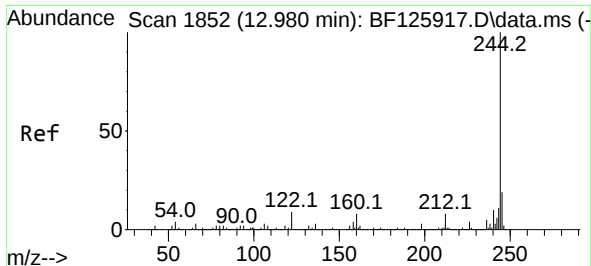
Tgt Ion:248 Resp: 16083
Ion Ratio Lower Upper
248 100
250 185.4 74.2 111.4#
141 445.7 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF125952.D
Acq: 27 Oct 2021 00:55

Tgt Ion:240 Resp: 347894
Ion Ratio Lower Upper
240 100
120 11.7 10.8 16.2
236 25.4 21.6 32.4

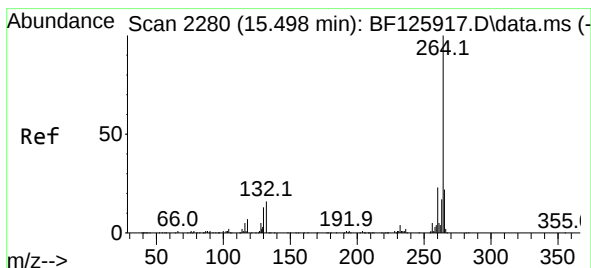
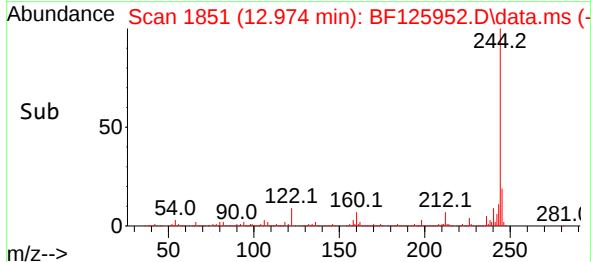
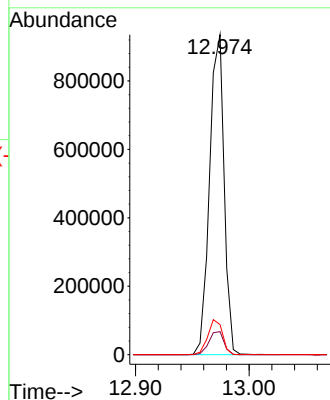
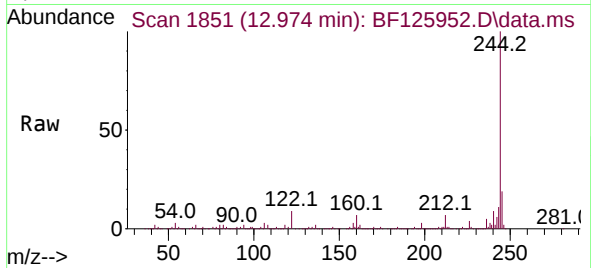




#79
Terphenyl-d14
Concen: 39.045 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF125952.D
Acq: 27 Oct 2021 00:55

Instrument :
BNA_F
ClientSampleId :
WC-2-IS

Tgt Ion:244 Resp: 830433
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 9.4 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: BF125952.D
Acq: 27 Oct 2021 00:55

Tgt Ion:264 Resp: 330249
Ion Ratio Lower Upper
264 100
260 24.4 19.6 29.4
265 21.9 17.2 25.8

