

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
 Data File : BF125510.D
 Acq On : 15 Sep 2021 18:22
 Operator : JU/CG
 Sample : M3728-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N42049

Quant Time: Sep 16 03:06:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 15 15:08:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

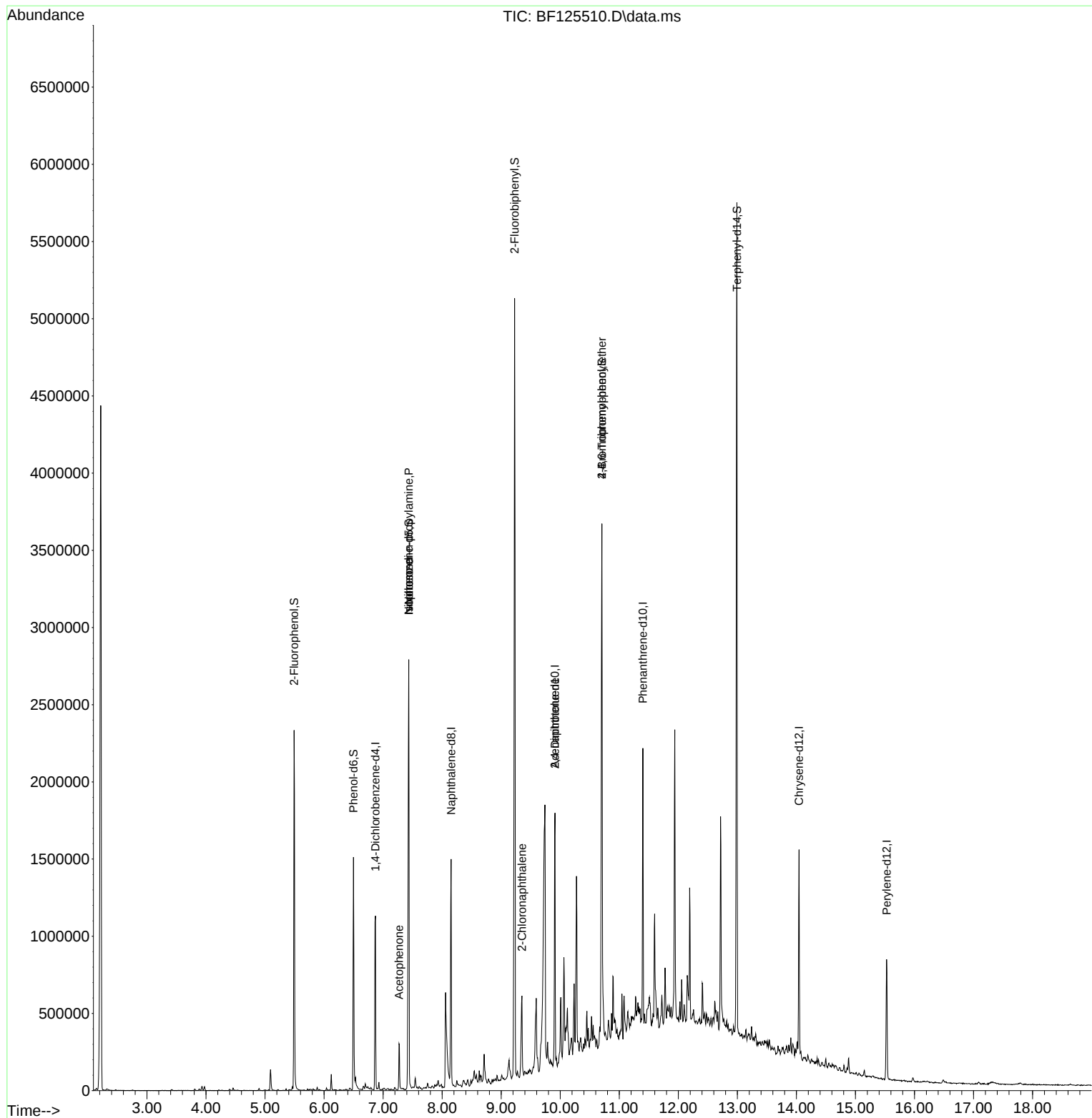
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	173693	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	665095	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	361404	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	626594	20.000	ng	0.00
76) Chrysene-d12	14.045	240	452536	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	347243	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	598247	54.727	ng	0.00
7) Phenol-d6	6.498	99	481602	33.148	ng	-0.01
23) Nitrobenzene-d5	7.433	82	1029970	76.461	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	519960	118.128	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1804807	73.279	ng	0.00
79) Terphenyl-d14	12.992	244	2080682	74.555	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.433	77	150	Below Cal	#	40
19) n-Nitroso-di-n-propyla...	7.433	70	142752	16.348	ng	# 55
20) 3+4-Methylphenols	7.269	107	724	Below Cal	#	1
22) Acetophenone	7.269	105	86287	5.264	ng	# 94
25) Isophorone	7.433	82	1021995	39.765	ng	# 59
47) 2-Chloronaphthalene	9.351	162	62283	2.783	ng	# 41
57) 2,4-Dinitrotoluene	9.910	165	47928	6.432	ng	# 22
67) 4-Bromophenyl-phenylether	10.704	248	32148	4.229	ng	# 1

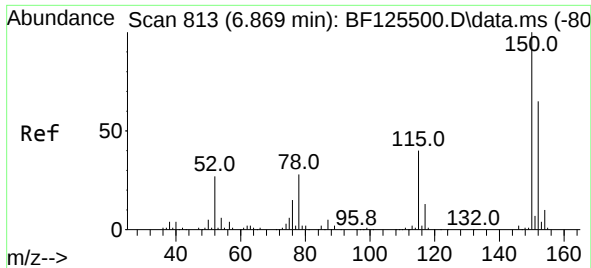
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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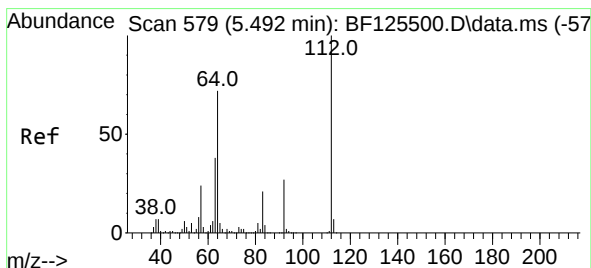
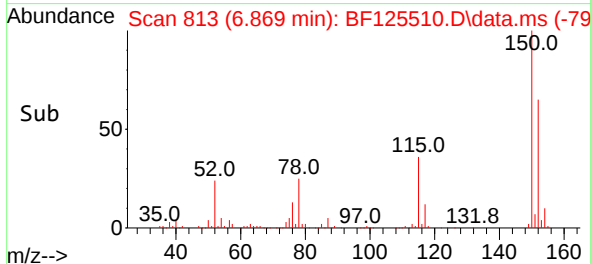
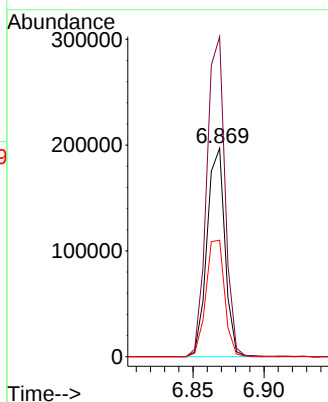
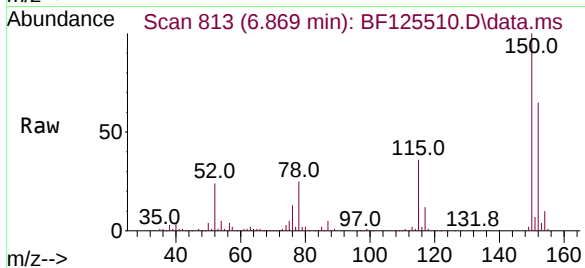




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF125510.D
Acq: 15 Sep 2021 18:22

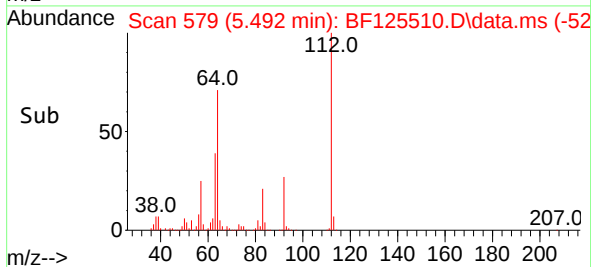
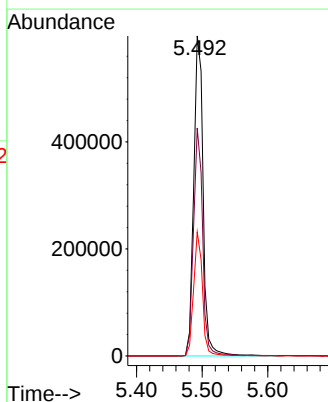
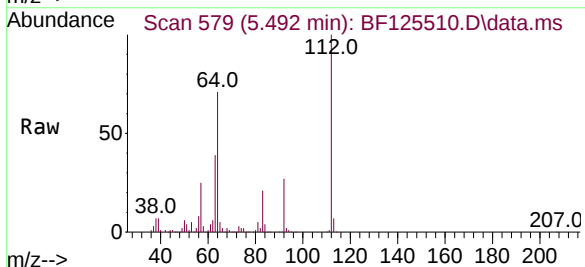
Instrument :
BNA_F
ClientSampleId :
N42049

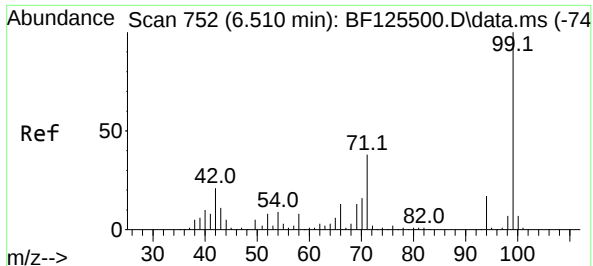
Tgt Ion:152 Resp: 173693
Ion Ratio Lower Upper
152 100
150 153.5 117.6 176.4
115 55.9 47.1 70.7



#5
2-Fluorophenol
Concen: 54.727 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF125510.D
Acq: 15 Sep 2021 18:22

Tgt Ion:112 Resp: 598247
Ion Ratio Lower Upper
112 100
64 71.3 44.2 66.2#
63 38.8 26.2 39.2

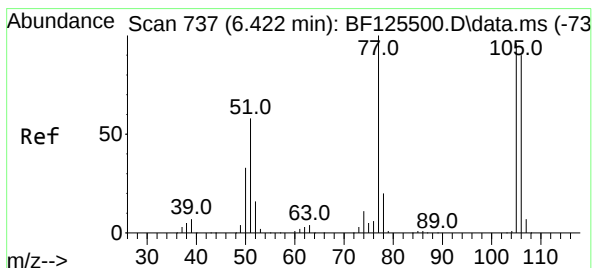
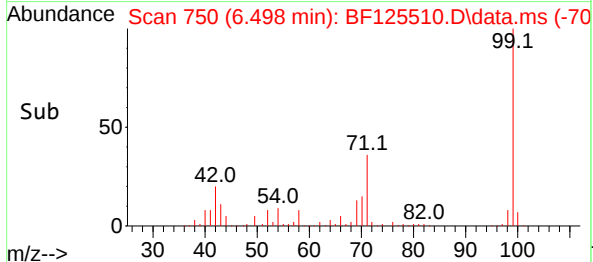
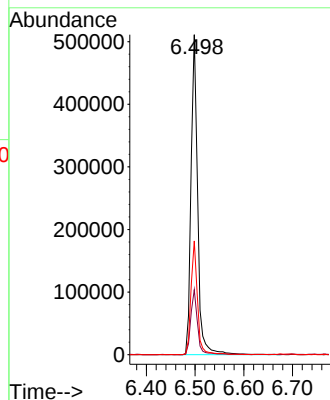
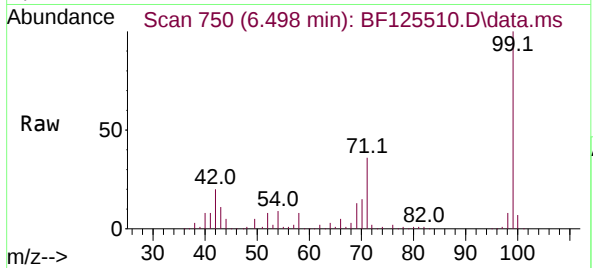




#7
Phenol-d6
Concen: 33.148 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF125510.D
Acq: 15 Sep 2021 18:22

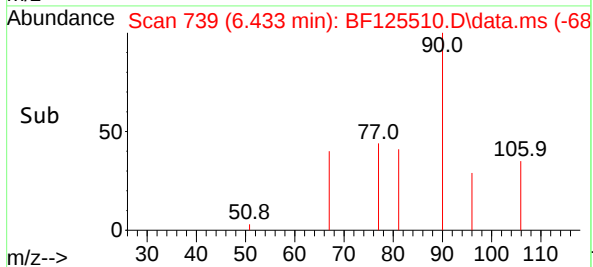
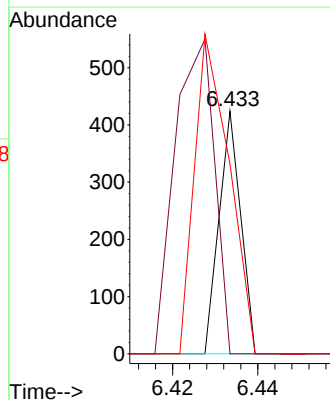
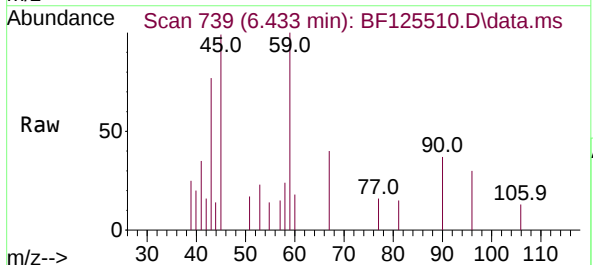
Instrument :
BNA_F
ClientSampleId :
N42049

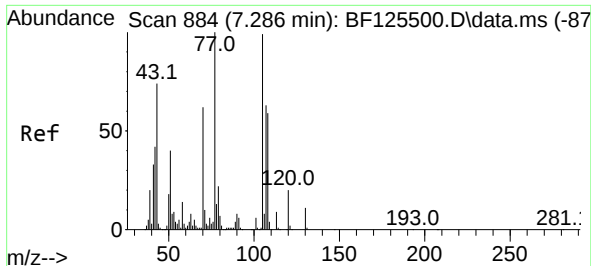
Tgt Ion: 99 Resp: 481602
Ion Ratio Lower Upper
99 100
42 20.3 23.5 35.3#
71 35.6 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.433 min Scan# 739
Delta R.T. 0.011 min
Lab File: BF125510.D
Acq: 15 Sep 2021 18:22

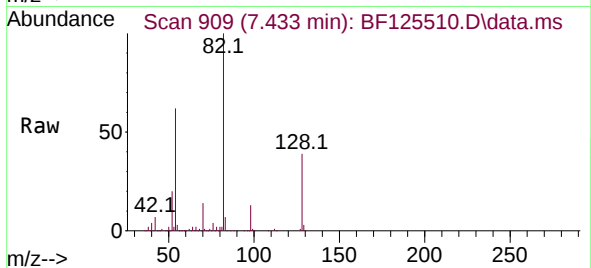
Tgt Ion: 77 Resp: 150
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 78.3 84.0 124.0#



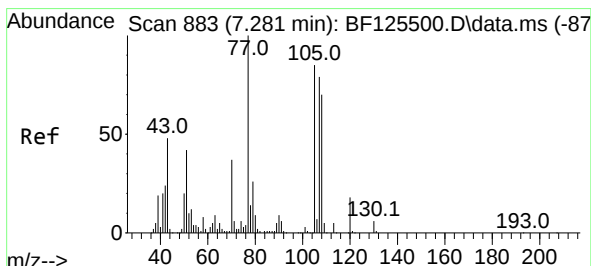
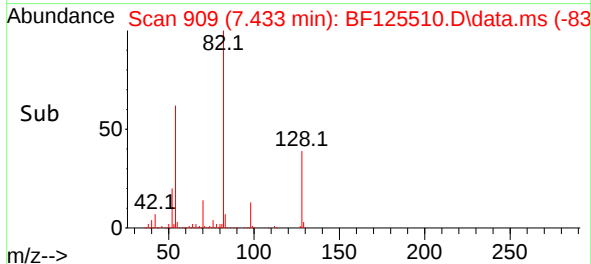
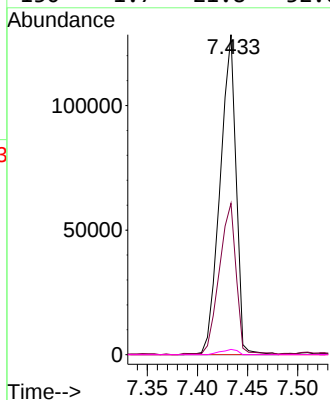


#19
n-Nitroso-di-n-propylamine
Concen: 16.348 ng
RT: 7.433 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF125510.D
Acq: 15 Sep 2021 18:22

Instrument :
BNA_F
ClientSampleId :
N42049

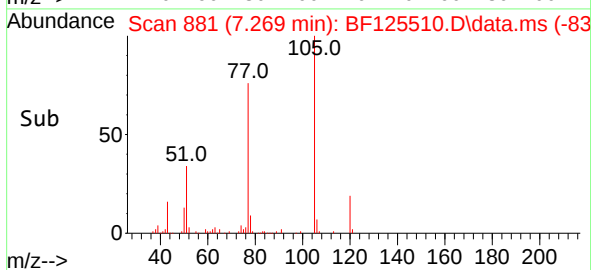
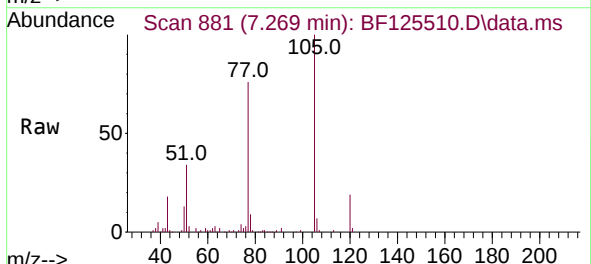
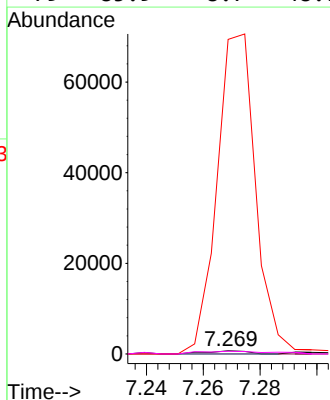


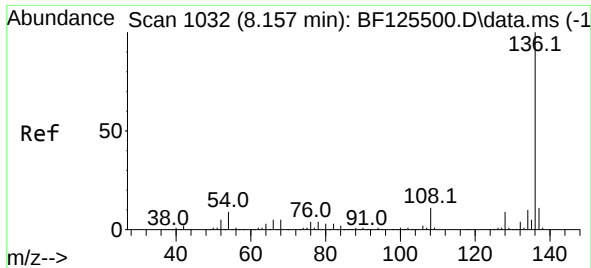
Tgt Ion: 70 Resp: 142752
Ion Ratio Lower Upper
70 100
42 47.3 72.2 108.2#
101 0.0 7.8 11.8#
130 1.7 21.8 32.6#



#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.269 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF125510.D
Acq: 15 Sep 2021 18:22

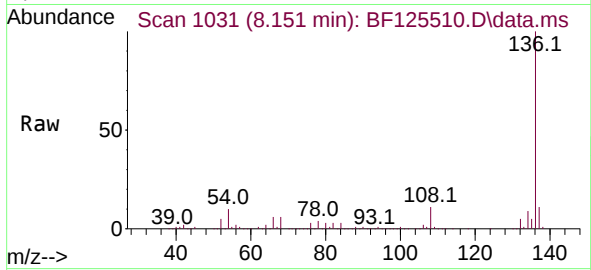
Tgt Ion: 107 Resp: 724
Ion Ratio Lower Upper
107 100
108 0.0 76.6 116.6#
77 9681.5 53.3 93.3#
79 85.9 8.7 48.7#



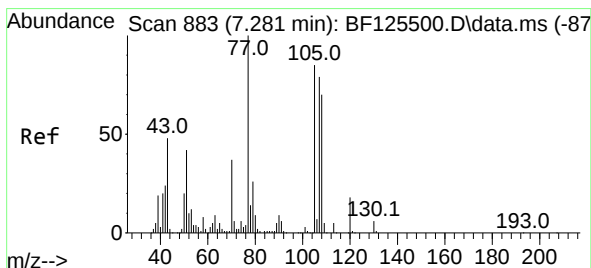
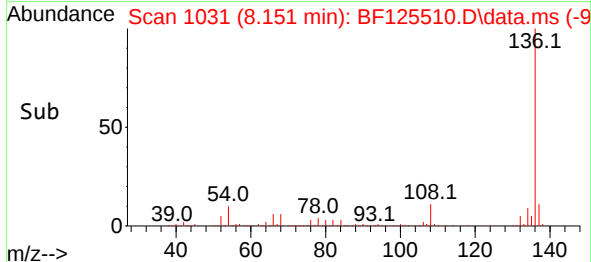
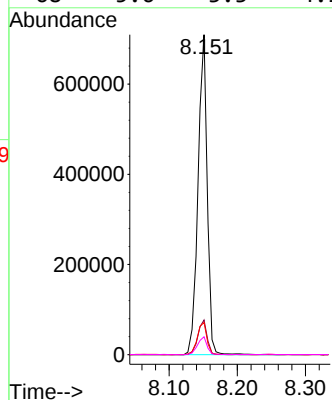


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF125510.D
Acq: 15 Sep 2021 18:22

Instrument :
BNA_F
ClientSampleId :
N42049

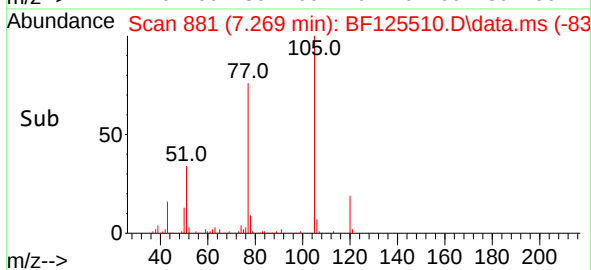
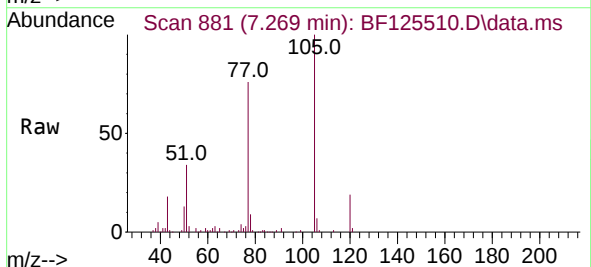
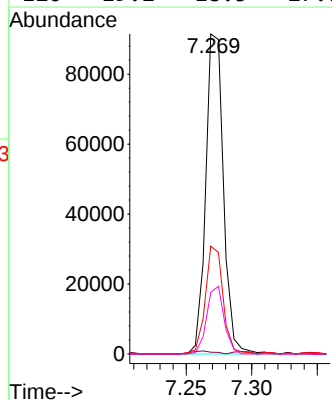


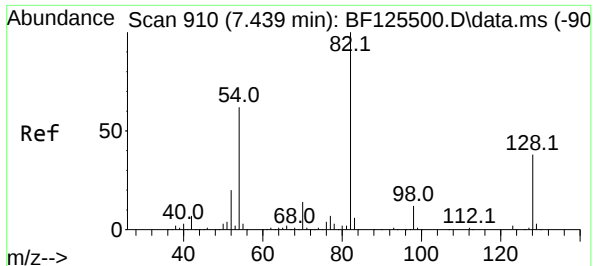
Tgt Ion:136 Resp: 665095
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 10.1 6.4 9.6#
68 5.6 3.3 4.9#



#22
Acetophenone
Concen: 5.264 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF125510.D
Acq: 15 Sep 2021 18:22

Tgt Ion:105 Resp: 86287
Ion Ratio Lower Upper
105 100
71 0.6 5.5 8.3#
51 33.7 26.0 39.0
120 19.2 18.5 27.7

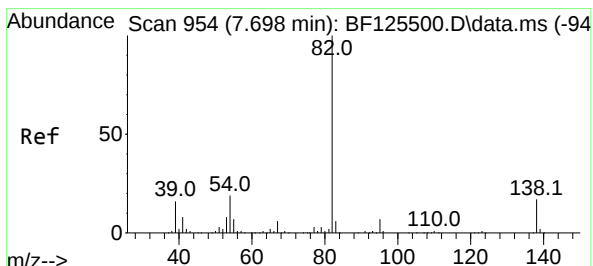
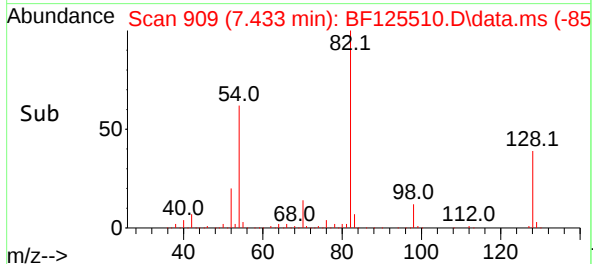
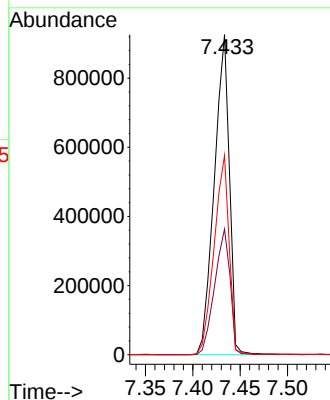
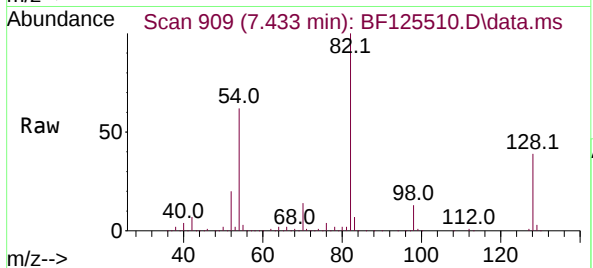




#23
Nitrobenzene-d5
Concen: 76.461 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF125510.D
Acq: 15 Sep 2021 18:22

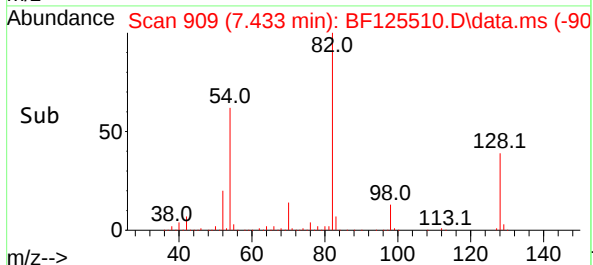
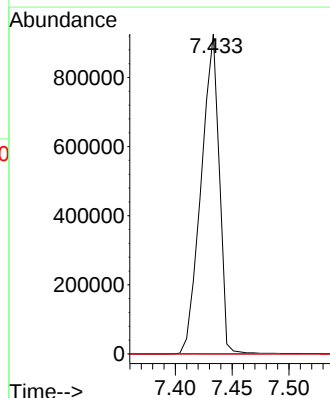
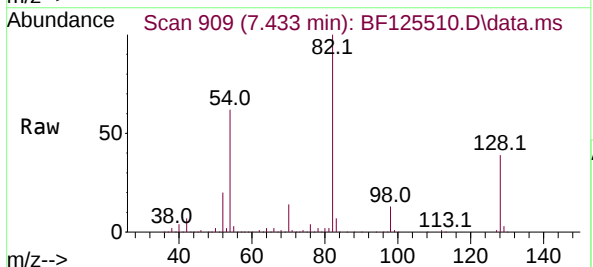
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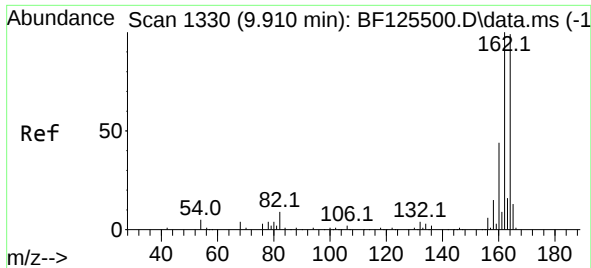
Tgt Ion: 82 Resp: 1029970
Ion Ratio Lower Upper
82 100
128 39.3 40.6 60.8#
54 62.3 49.6 74.4



#25
Isophorone
Concen: 39.765 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF125510.D
Acq: 15 Sep 2021 18:22

Tgt Ion: 82 Resp: 1021995
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

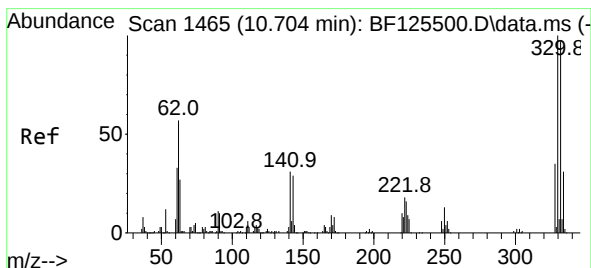
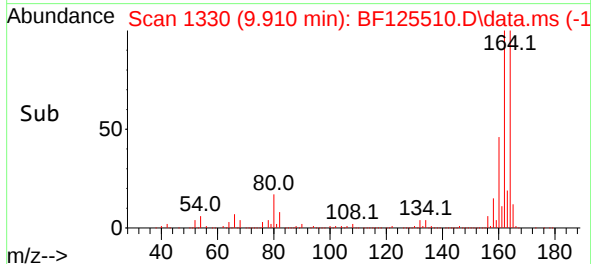
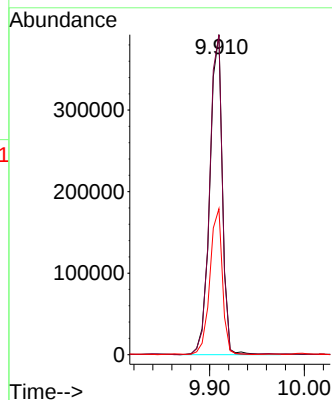
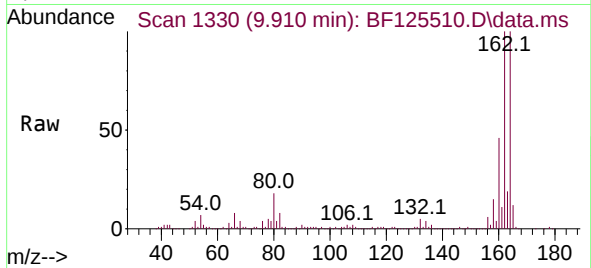




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF125510.D
Acq: 15 Sep 2021 18:22

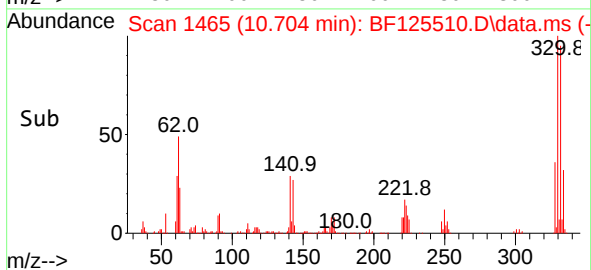
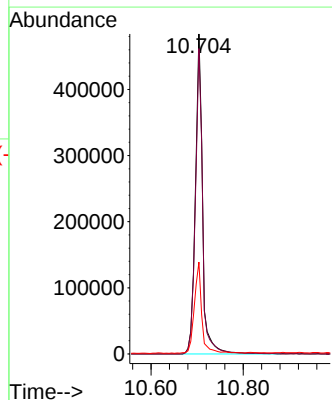
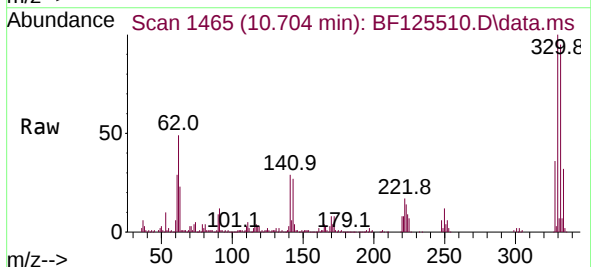
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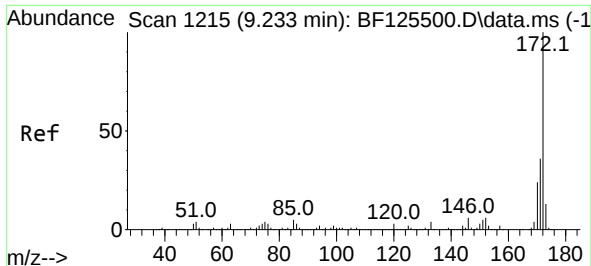
Tgt Ion:164 Resp: 361404
Ion Ratio Lower Upper
164 100
162 100.0 81.3 121.9
160 45.6 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 118.128 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF125510.D
Acq: 15 Sep 2021 18:22

Tgt Ion:330 Resp: 519960
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 29.9 44.6 66.8#

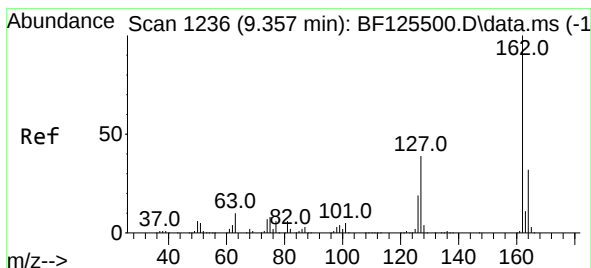
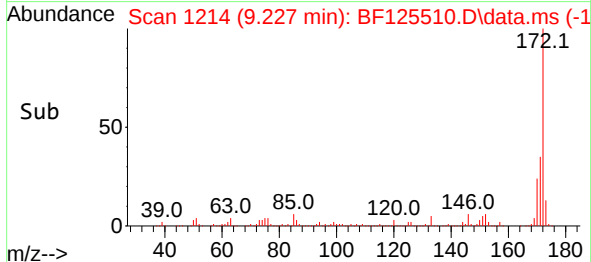
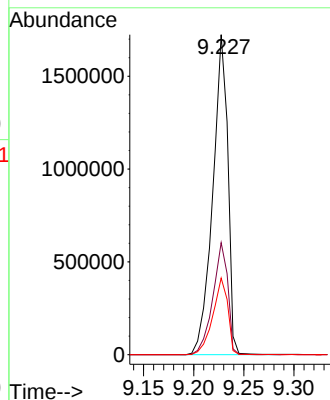
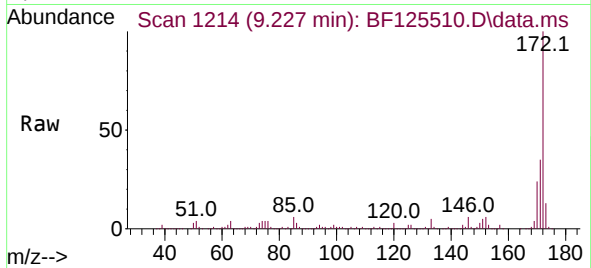




#45
2-Fluorobiphenyl
Concen: 73.279 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125510.D
Acq: 15 Sep 2021 18:22

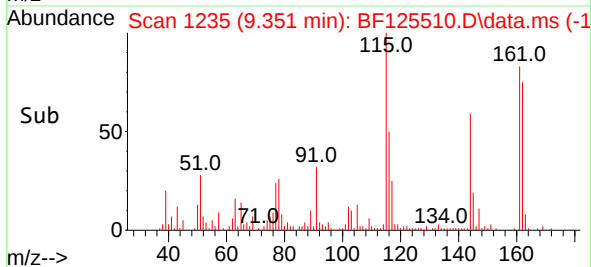
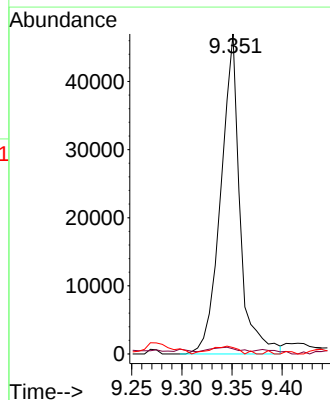
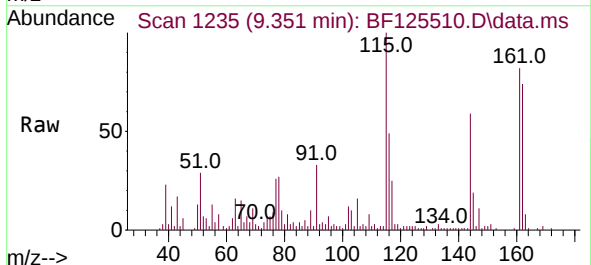
Instrument :
BNA_F
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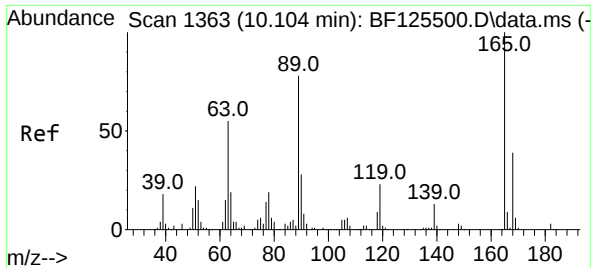
Tgt Ion:172 Resp: 1804807
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 23.9 18.8 28.2



#47
2-Chloronaphthalene
Concen: 2.783 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF125510.D
Acq: 15 Sep 2021 18:22

Tgt Ion:162 Resp: 62283
Ion Ratio Lower Upper
162 100
127 1.6 33.0 49.4#
164 2.0 25.8 38.8#

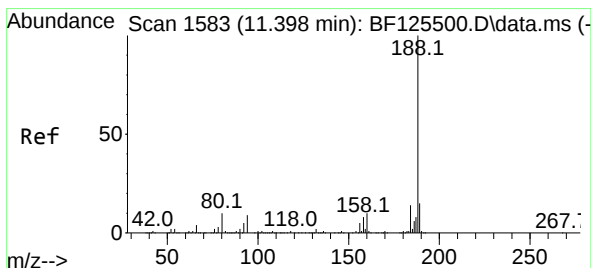
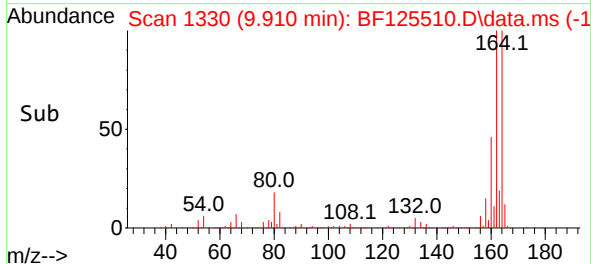
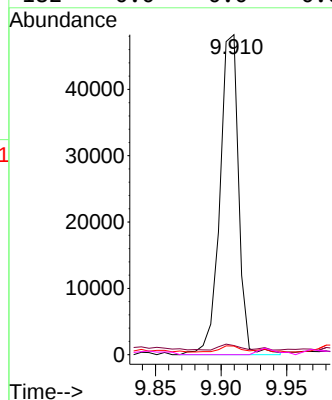
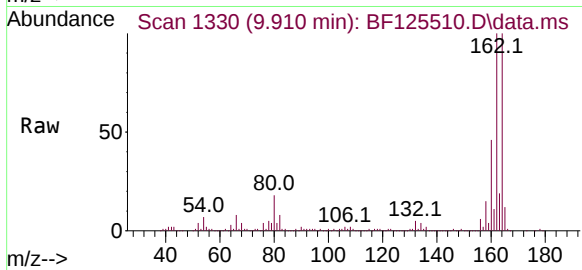




#57
2,4-Dinitrotoluene
Concen: 6.432 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.194 min
Lab File: BF125510.D
Acq: 15 Sep 2021 18:22

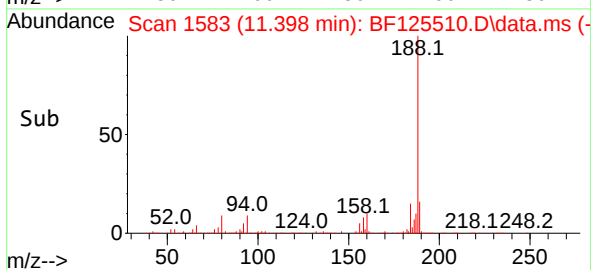
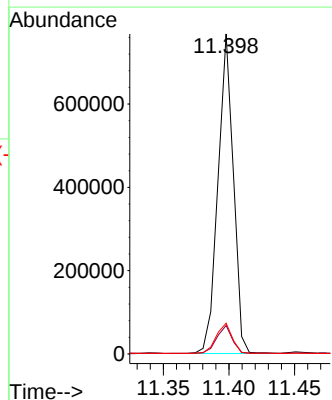
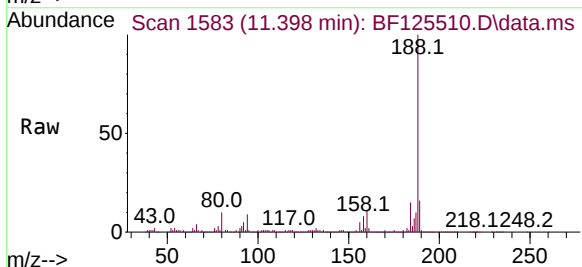
Instrument :
BNA_F
ClientSampleId :
N42049

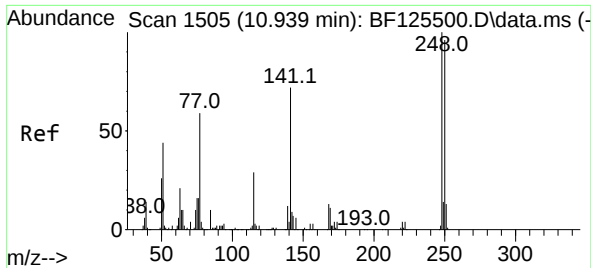
Tgt Ion:	165	Resp:	47928
Ion Ratio	Lower	Upper	
165	100		
63	2.9	40.9	61.3#
89	2.7	59.7	89.5#
182	0.0	0.0	0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF125510.D
Acq: 15 Sep 2021 18:22

Tgt Ion:	188	Resp:	626594
Ion Ratio	Lower	Upper	
188	100		
94	8.9	6.7	10.1
80	9.6	7.5	11.3

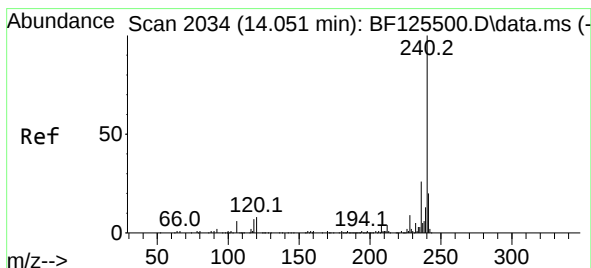
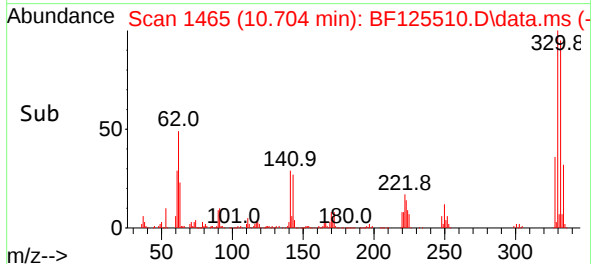
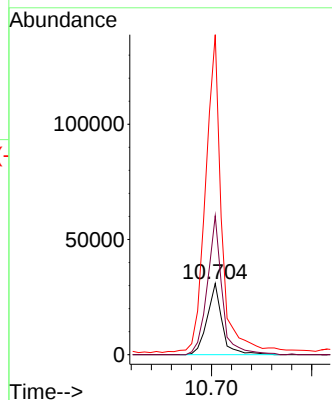
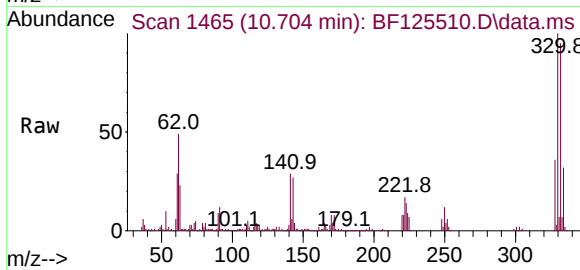




#67
4-Bromophenyl-phenylether
Concen: 4.229 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.235 min
Lab File: BF125510.D
Acq: 15 Sep 2021 18:22

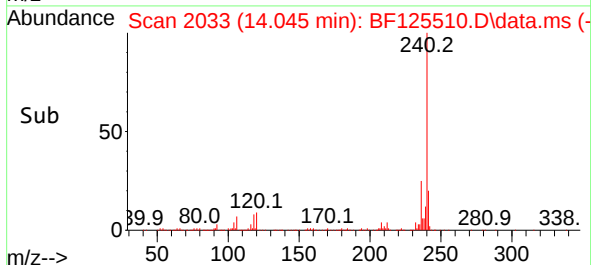
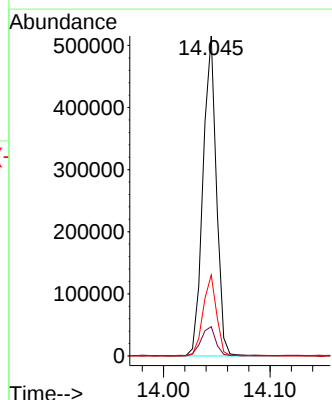
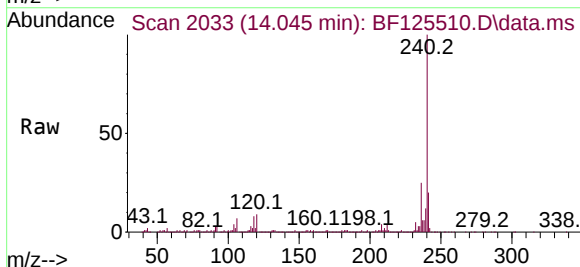
Instrument :
BNA_F
ClientSampleId :
N42049

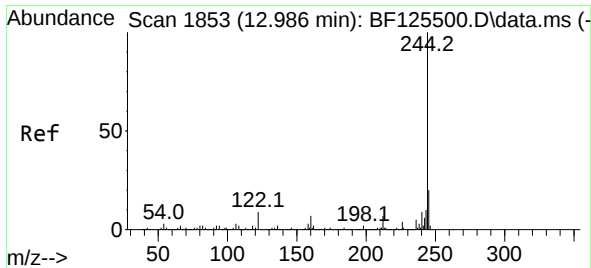
Tgt Ion:248 Resp: 32148
Ion Ratio Lower Upper
248 100
250 195.0 74.2 111.4#
141 449.2 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF125510.D
Acq: 15 Sep 2021 18:22

Tgt Ion:240 Resp: 452536
Ion Ratio Lower Upper
240 100
120 9.2 10.8 16.2#
236 25.3 21.6 32.4

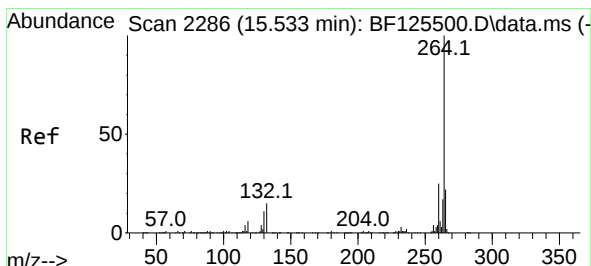
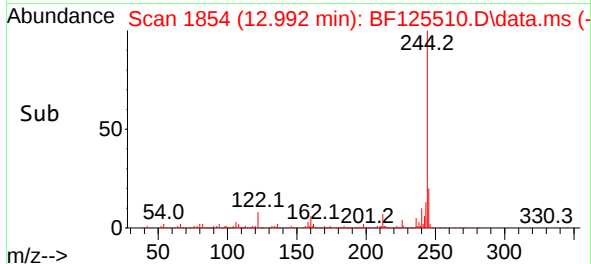
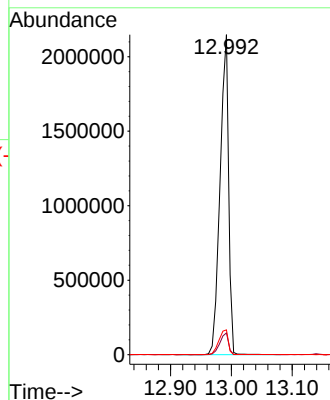
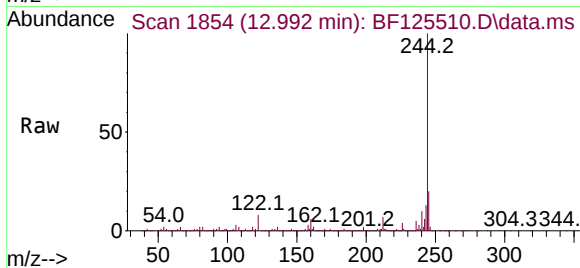




#79
 Terphenyl-d14
 Concen: 74.555 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. 0.006 min
 Lab File: BF125510.D
 Acq: 15 Sep 2021 18:22

Instrument :
 BNA_F
 ClientSampleId :
 N42049

Tgt Ion:244 Resp: 2080682
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 7.8 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2285
 Delta R.T. -0.006 min
 Lab File: BF125510.D
 Acq: 15 Sep 2021 18:22

Tgt Ion:264 Resp: 347243
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 21.3 17.2 25.8

