

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
 Data File : BF125758.D
 Acq On : 1 Oct 2021 18:15
 Operator : JU/CG
 Sample : M3999-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26498

Quant Time: Oct 02 03:12:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

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

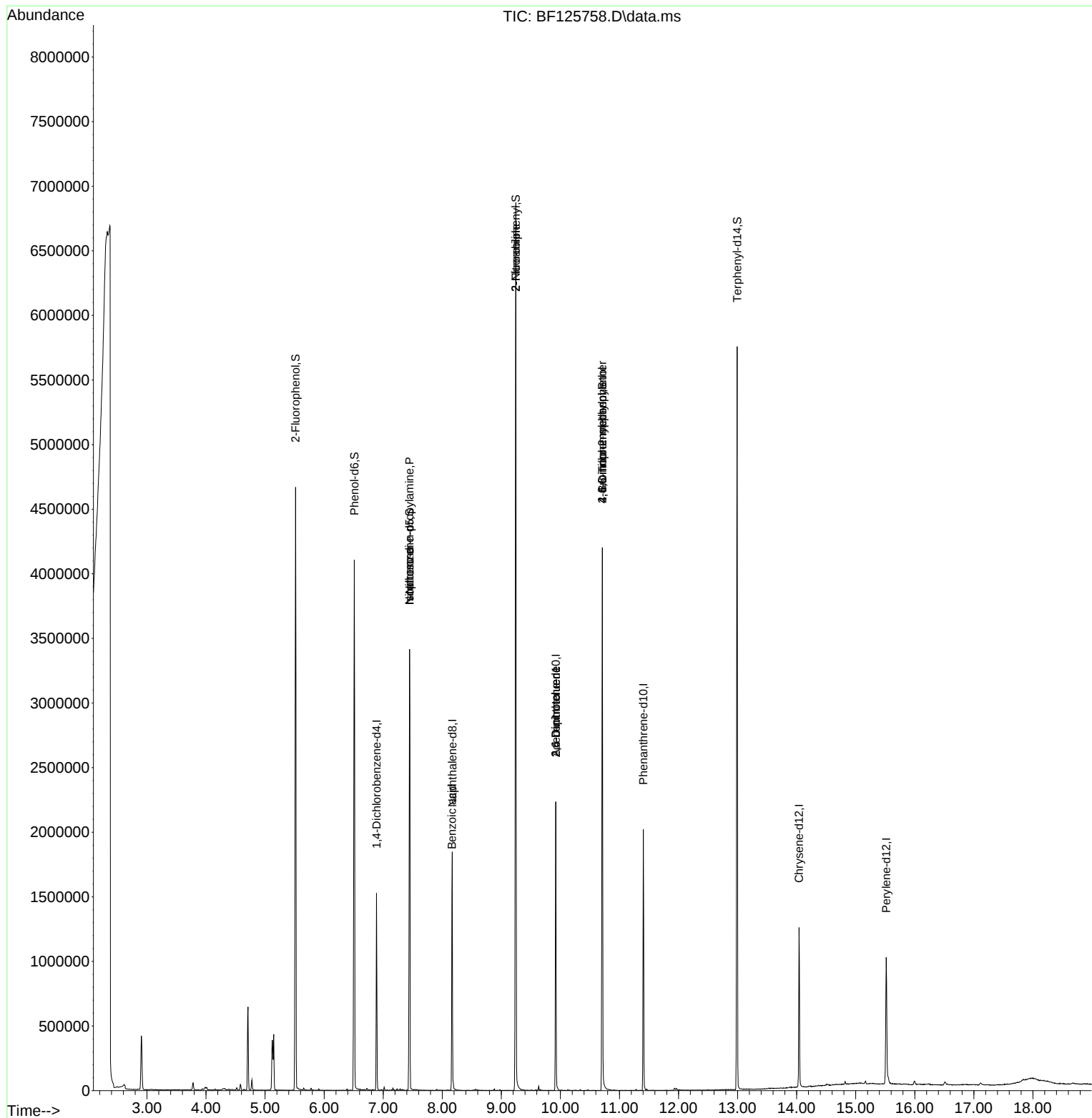
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	208902	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	854302	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	441856	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	702073	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	420913	20.000	ng	0.00
86) Perylene-d12	15.515	264	475624	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1559337	122.982	ng	0.01
7) Phenol-d6	6.510	99	1703591	99.938	ng	0.00
23) Nitrobenzene-d5	7.445	82	1249000	101.976	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	582335	141.353	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2303526	95.294	ng	0.00
79) Terphenyl-d14	12.992	244	1961263	80.692	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.434	77	389	Below Cal	#	46
19) n-Nitroso-di-n-propyla...	7.445	70	157961	16.275	ng	# 51
25) Isophorone	7.445	82	1248980	45.533	ng	# 59
32) Benzoic acid	8.163	122	113	8.638	ng	# 1
48) 2-Nitroaniline	9.245	65	3116	4.605	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	56113	12.577	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	56113	11.479	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	1088	9.272	ng	# 18
67) 4-Bromophenyl-phenylether	10.710	248	32081	4.354	ng	# 1

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

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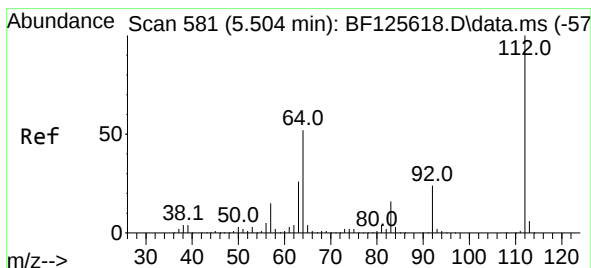
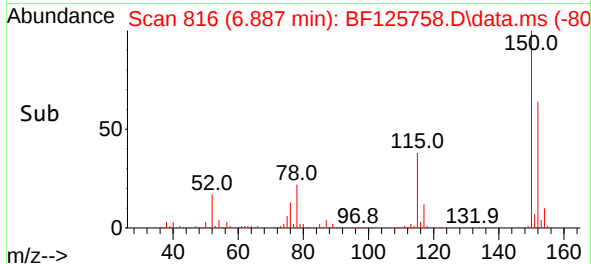
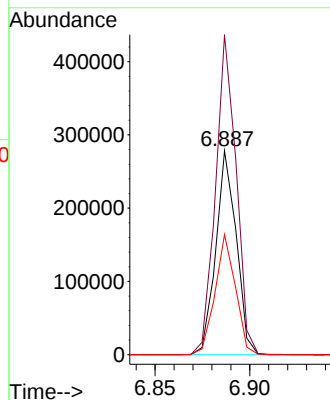
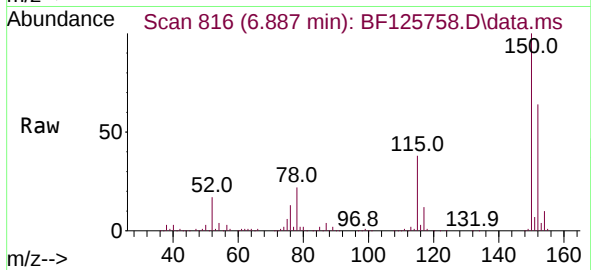




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125758.D
Acq: 1 Oct 2021 18:15

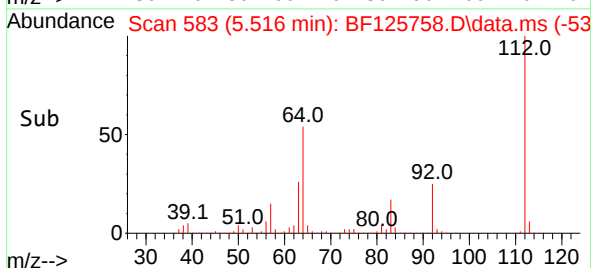
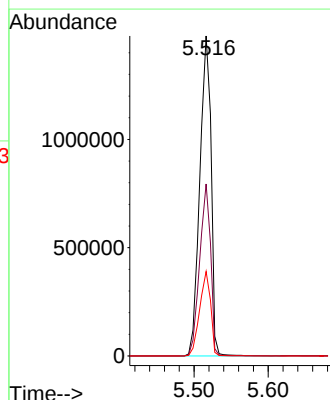
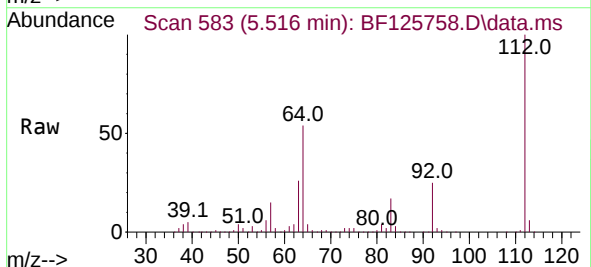
Instrument :
BNA_F
ClientSampleId :
26498

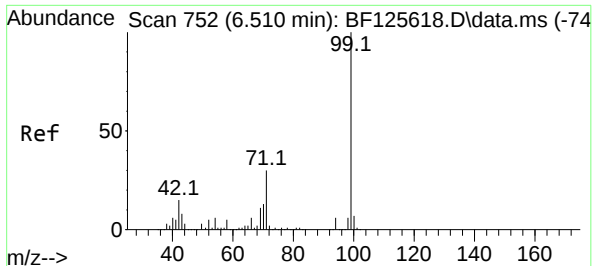
Tgt Ion:152 Resp: 208902
Ion Ratio Lower Upper
152 100
150 157.0 117.6 176.4
115 58.9 47.1 70.7



#5
2-Fluorophenol
Concen: 122.982 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF125758.D
Acq: 1 Oct 2021 18:15

Tgt Ion:112 Resp: 1559337
Ion Ratio Lower Upper
112 100
64 53.8 44.2 66.2
63 26.4 26.2 39.2

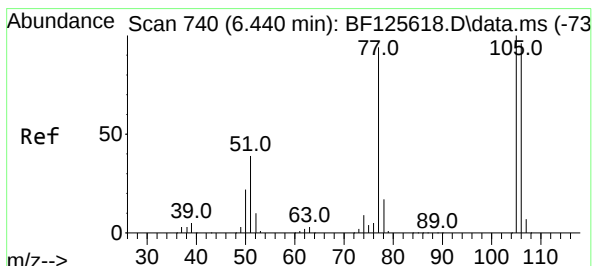
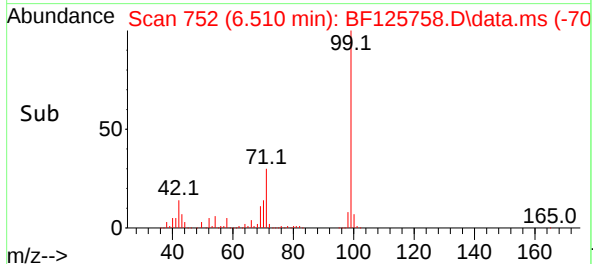
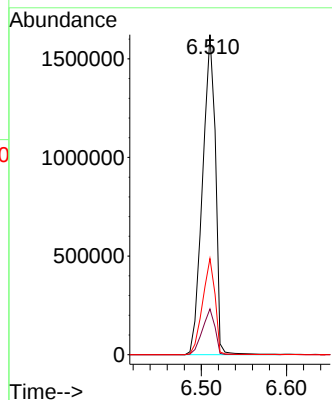
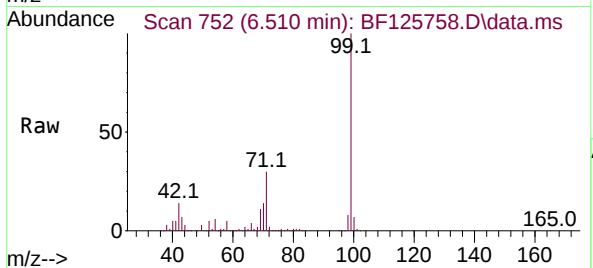




#7
Phenol-d6
Concen: 99.938 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF125758.D
Acq: 1 Oct 2021 18:15

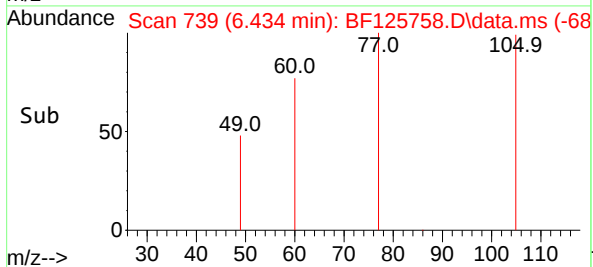
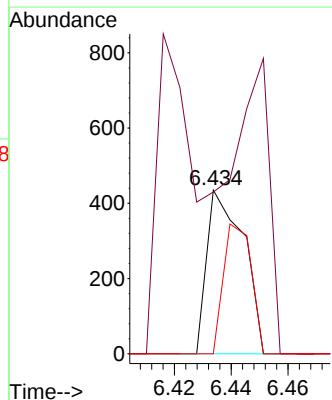
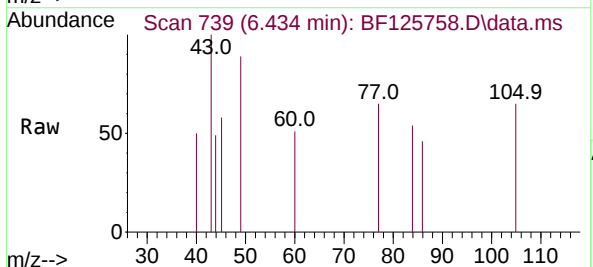
Instrument :
BNA_F
ClientSampleId :
26498

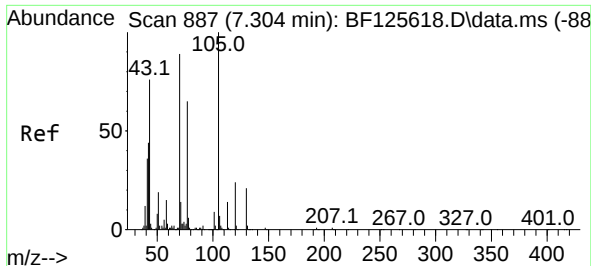
Tgt Ion: 99 Resp: 1703591
Ion Ratio Lower Upper
99 100
42 14.3 23.5 35.3#
71 30.1 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF125758.D
Acq: 1 Oct 2021 18:15

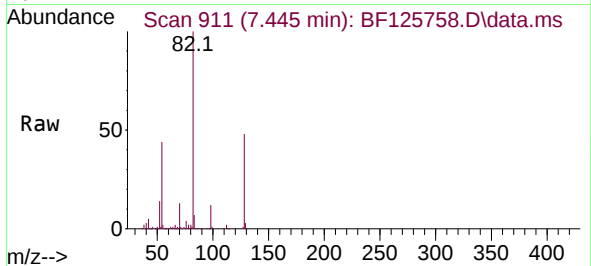
Tgt Ion: 77 Resp: 389
Ion Ratio Lower Upper
77 100
105 98.9 75.9 115.9
106 0.0 84.0 124.0#



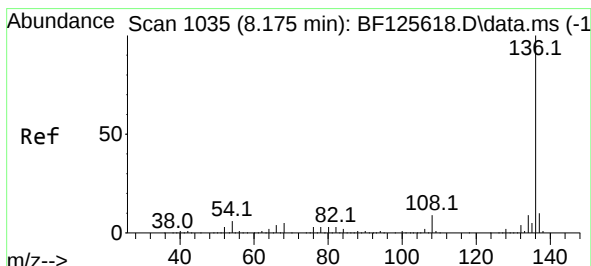
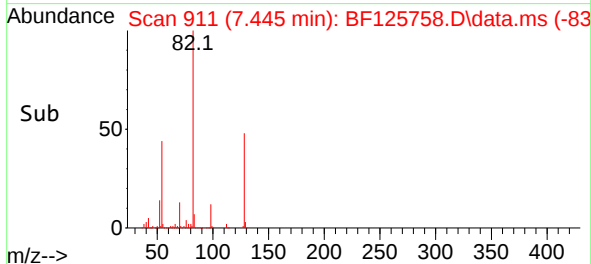
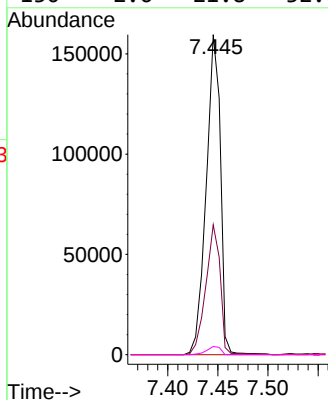


#19
n-Nitroso-di-n-propylamine
Concen: 16.275 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125758.D
Acq: 1 Oct 2021 18:15

Instrument :
BNA_F
ClientSampleId :
26498

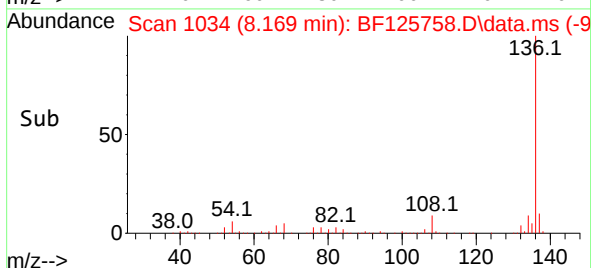
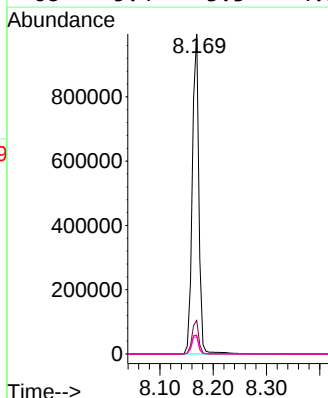
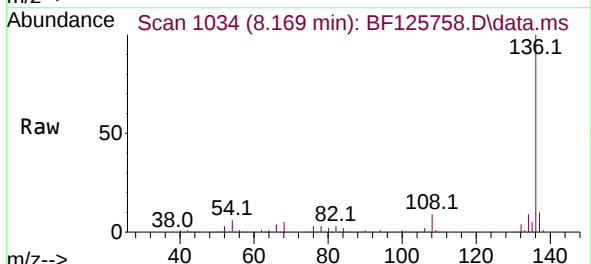


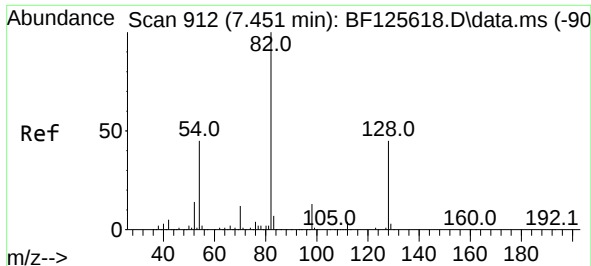
Tgt Ion: 70 Resp: 157961
Ion Ratio Lower Upper
70 100
42 40.6 72.2 108.2#
101 0.0 7.8 11.8#
130 2.6 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125758.D
Acq: 1 Oct 2021 18:15

Tgt Ion: 136 Resp: 854302
Ion Ratio Lower Upper
136 100
137 10.4 9.8 14.6
54 5.9 6.4 9.6#
68 5.4 3.3 4.9#

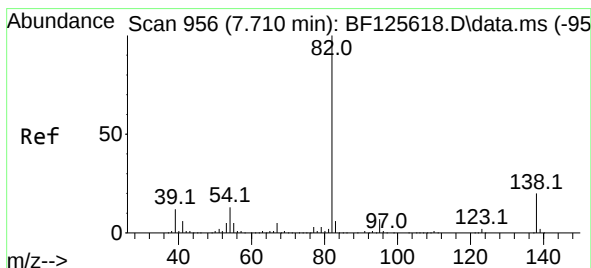
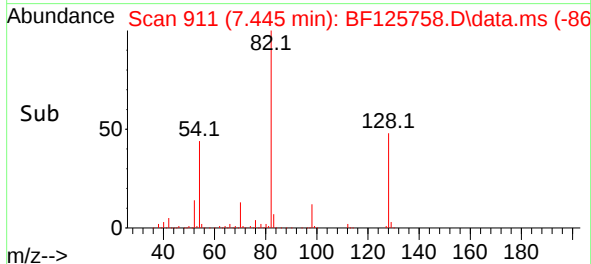
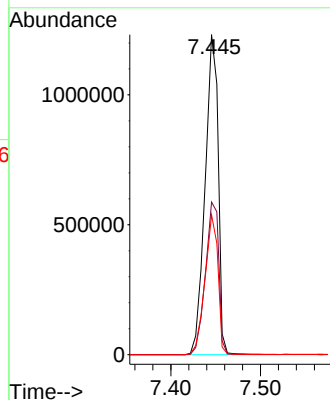
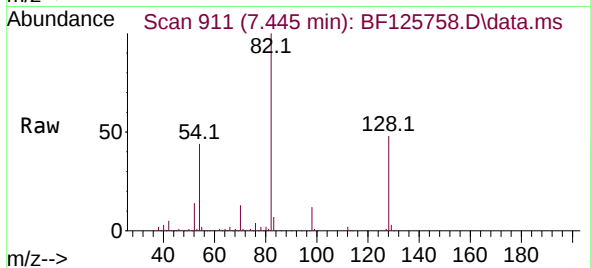




#23
Nitrobenzene-d5
Concen: 101.976 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125758.D
Acq: 1 Oct 2021 18:15

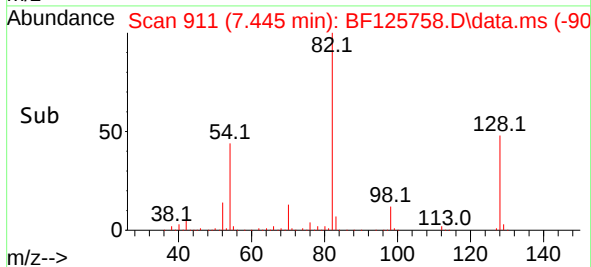
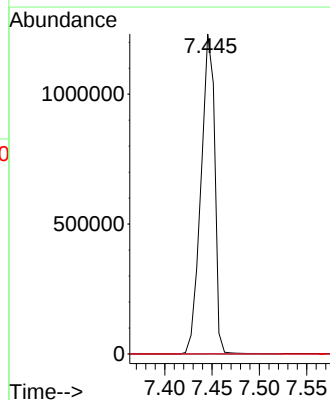
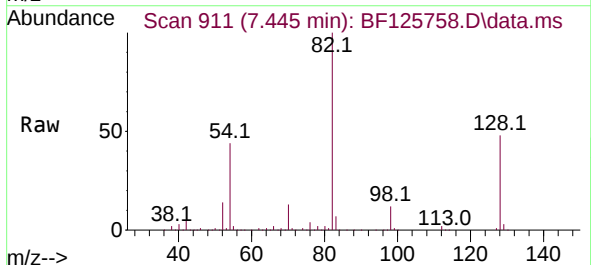
Instrument :
BNA_F
ClientSampleId :
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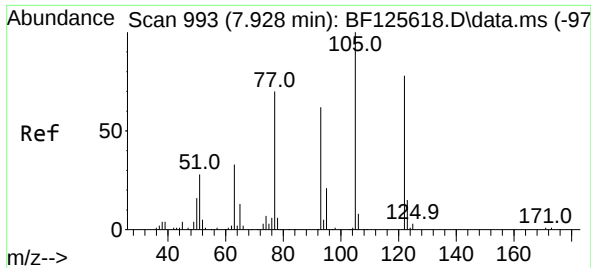
Tgt Ion: 82 Resp: 1249000
Ion Ratio Lower Upper
82 100
128 47.7 40.6 60.8
54 43.7 49.6 74.4#



#25
Isophorone
Concen: 45.533 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125758.D
Acq: 1 Oct 2021 18:15

Tgt Ion: 82 Resp: 1248980
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

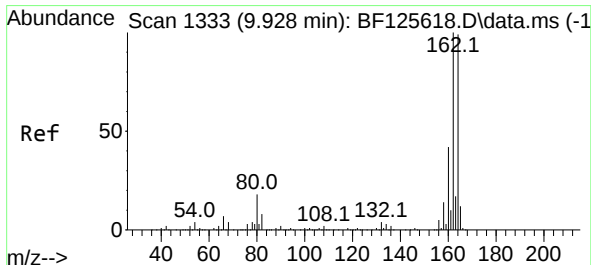
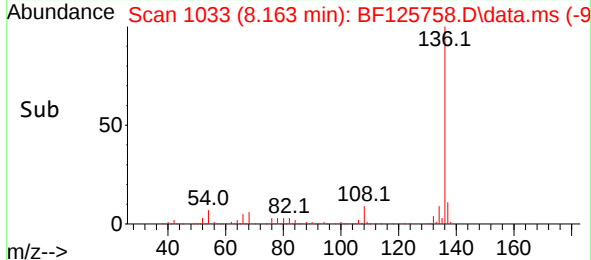
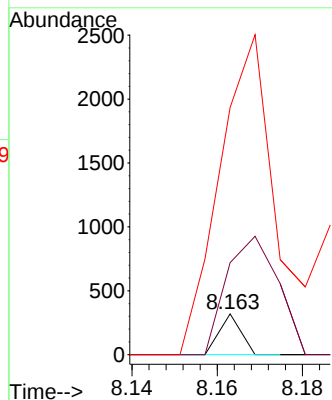
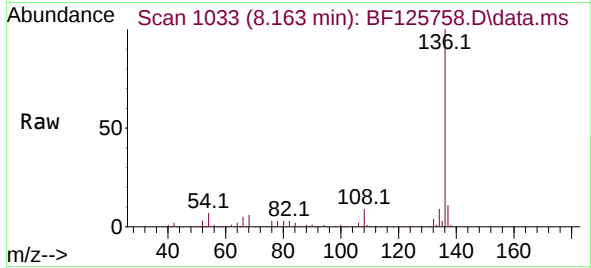




#32
Benzoic acid
Concen: 8.638 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.235 min
Lab File: BF125758.D
Acq: 1 Oct 2021 18:15

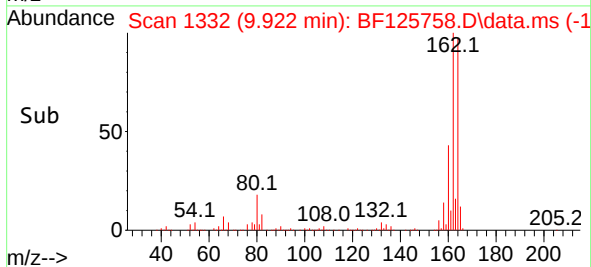
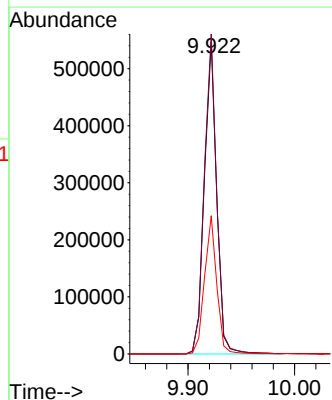
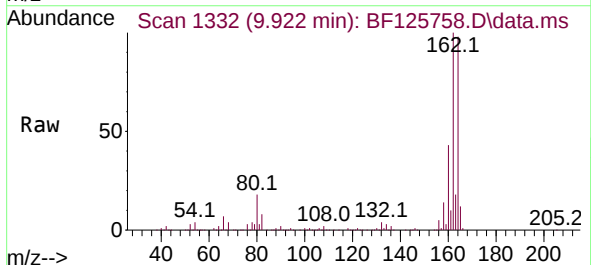
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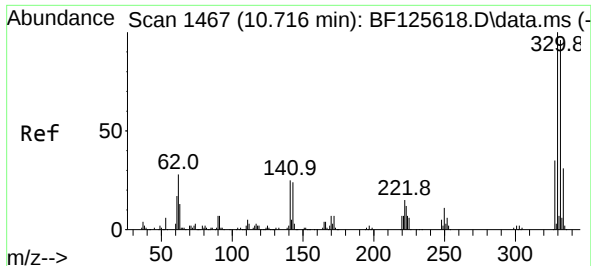
Tgt Ion:122 Resp: 113
Ion Ratio Lower Upper
122 100
105 225.0 97.6 137.6#
77 604.7 59.6 99.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125758.D
Acq: 1 Oct 2021 18:15

Tgt Ion:164 Resp: 441856
Ion Ratio Lower Upper
164 100
162 102.5 81.3 121.9
160 44.3 38.0 57.0

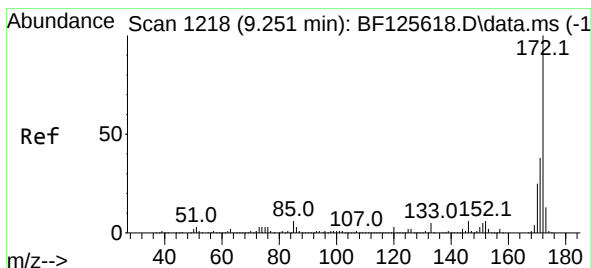
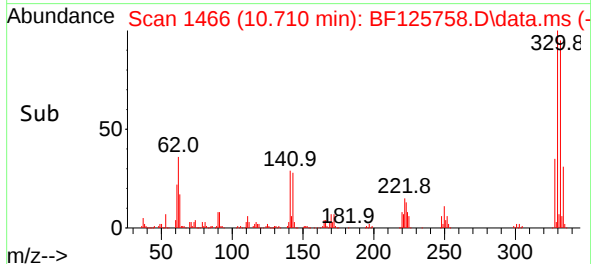
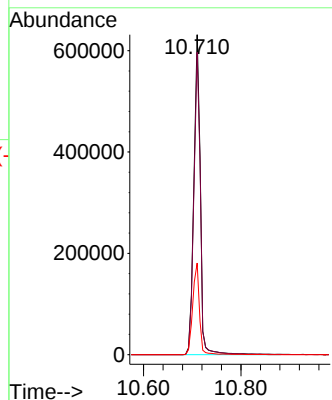
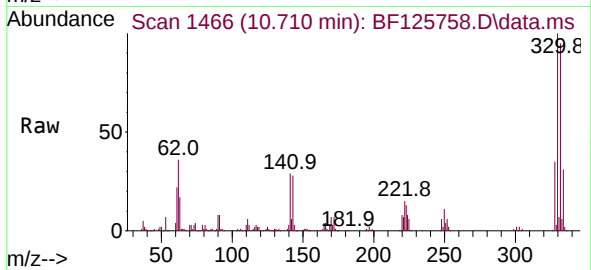




#42
2,4,6-Tribromophenol
Concen: 141.353 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125758.D
Acq: 1 Oct 2021 18:15

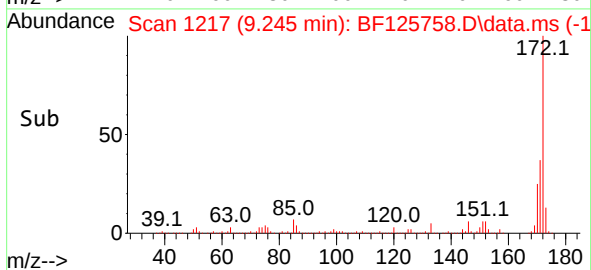
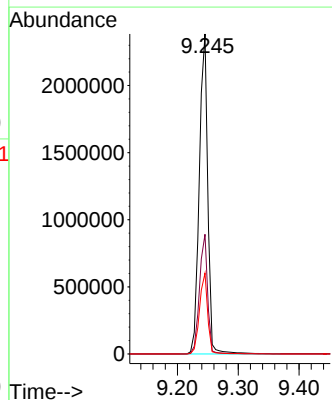
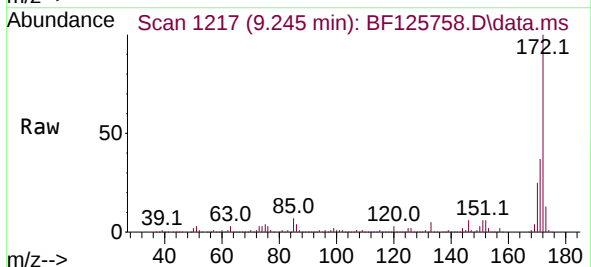
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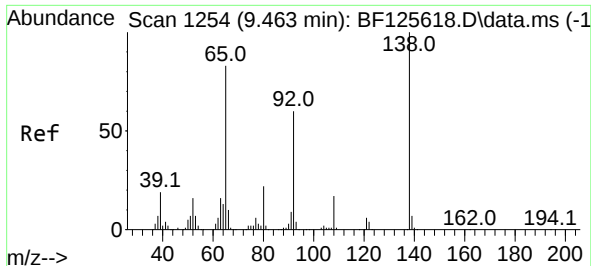
Tgt Ion: 330 Resp: 582335
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 29.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 95.294 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125758.D
Acq: 1 Oct 2021 18:15

Tgt Ion: 172 Resp: 2303526
Ion Ratio Lower Upper
172 100
171 37.4 26.5 39.7
170 25.2 18.8 28.2

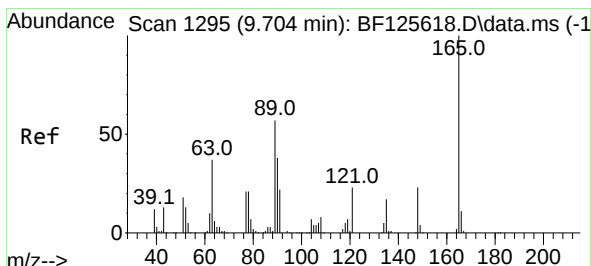
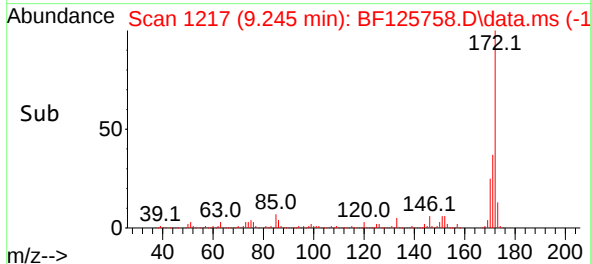
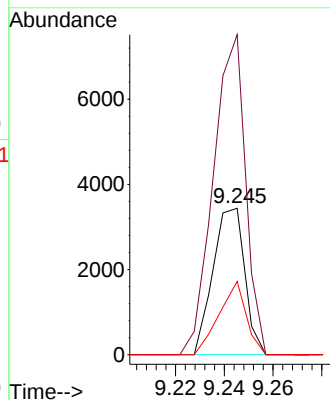
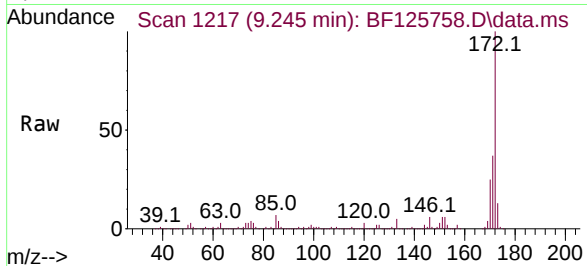




#48
2-Nitroaniline
Concen: 4.605 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.218 min
Lab File: BF125758.D
Acq: 1 Oct 2021 18:15

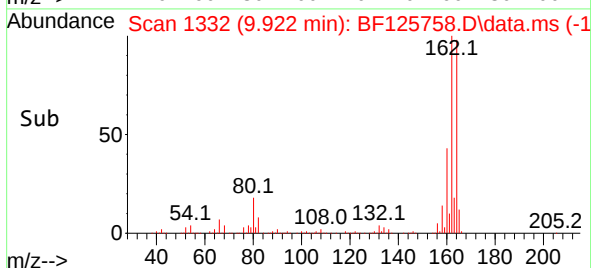
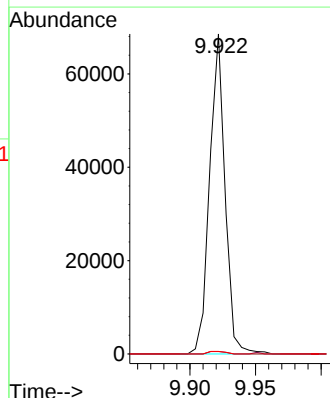
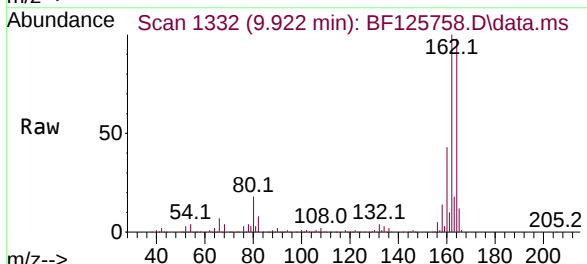
Instrument :
BNA_F
ClientSampleId :
26498

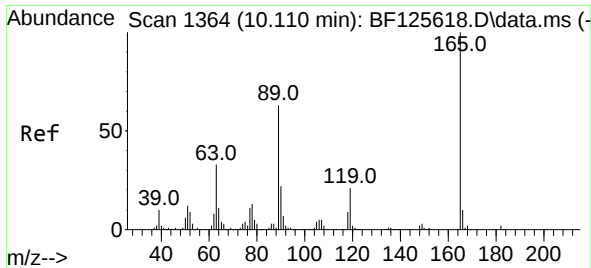
Tgt Ion: 65 Resp: 3116
Ion Ratio Lower Upper
65 100
92 218.6 55.5 83.3#
138 50.0 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 12.577 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125758.D
Acq: 1 Oct 2021 18:15

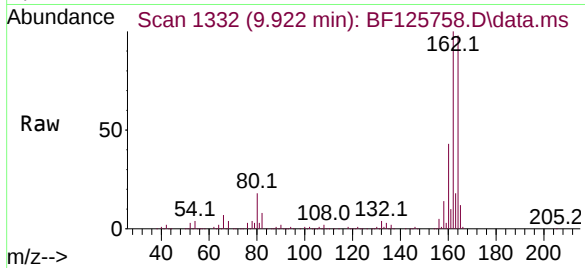
Tgt Ion:165 Resp: 56113
Ion Ratio Lower Upper
165 100
63 0.7 42.6 63.8#
89 0.8 40.6 60.8#



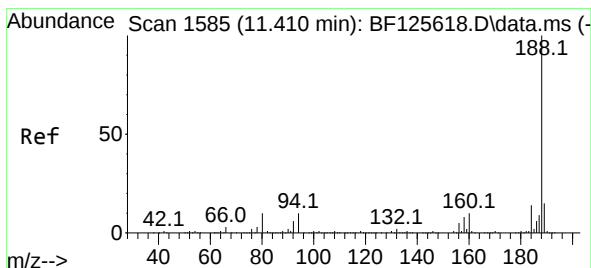
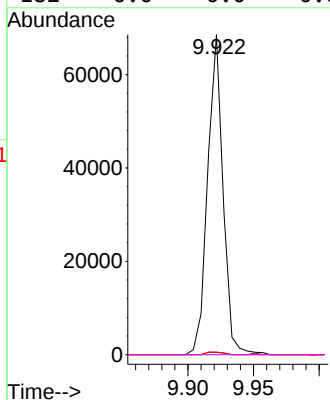
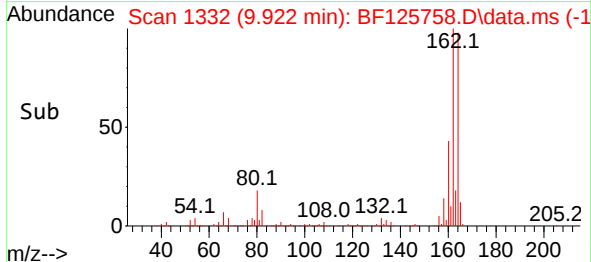


#57
2,4-Dinitrotoluene
Concen: 11.479 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125758.D
Acq: 1 Oct 2021 18:15

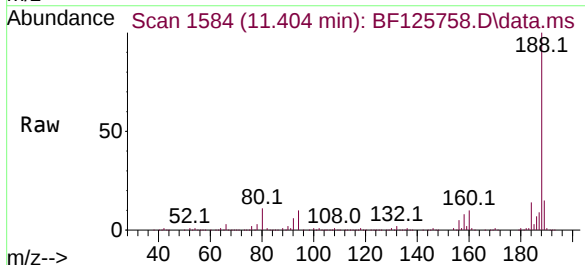
Instrument :
BNA_F
ClientSampleId :
26498



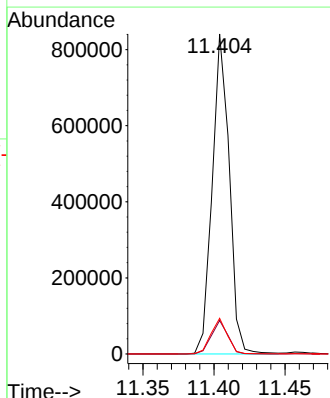
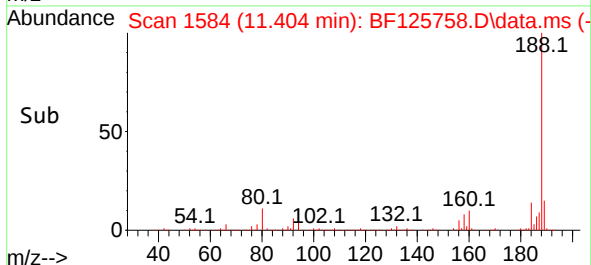
Tgt Ion:165 Resp: 56113
Ion Ratio Lower Upper
165 100
63 0.7 40.9 61.3#
89 0.8 59.7 89.5#
182 0.0 0.0 0.0

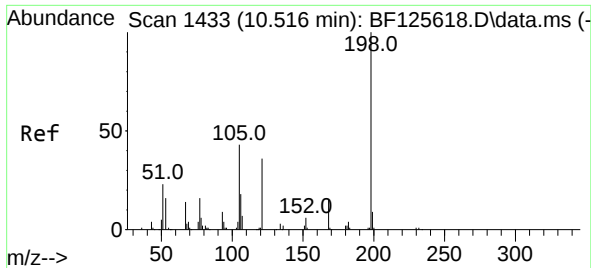


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125758.D
Acq: 1 Oct 2021 18:15



Tgt Ion:188 Resp: 702073
Ion Ratio Lower Upper
188 100
94 10.5 6.7 10.1#
80 11.2 7.5 11.3

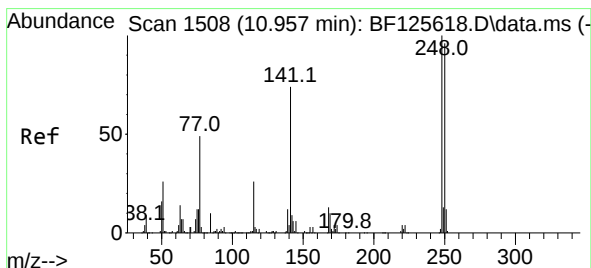
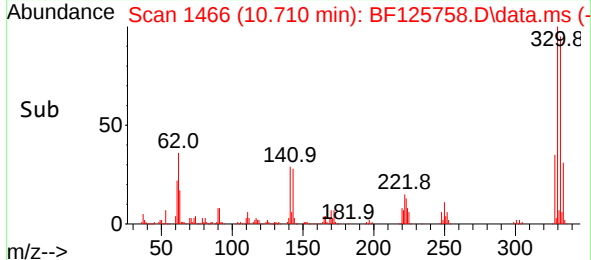
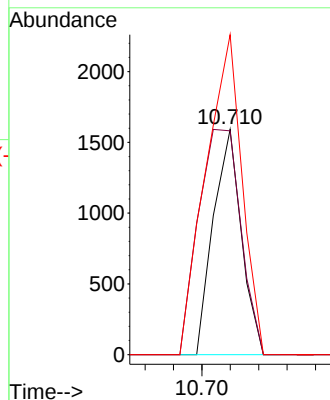
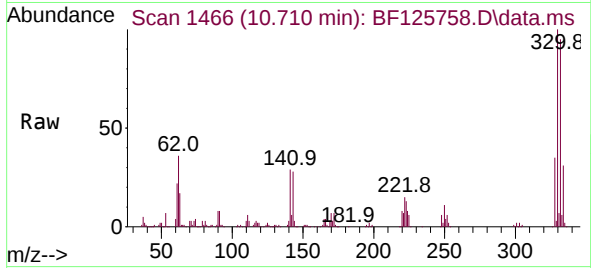




#65
4,6-Dinitro-2-methylphenol
Concen: 9.272 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125758.D
Acq: 1 Oct 2021 18:15

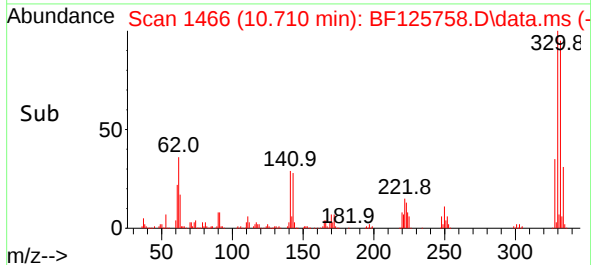
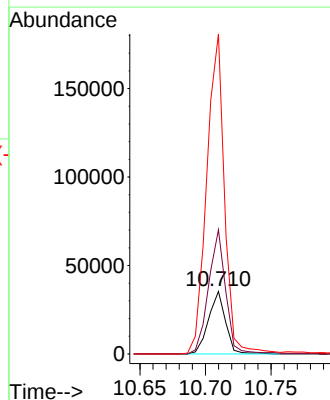
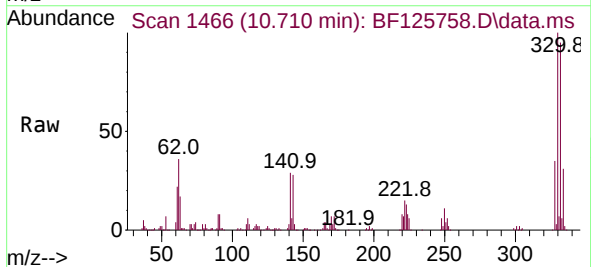
Instrument :
BNA_F
ClientSampled :
26498

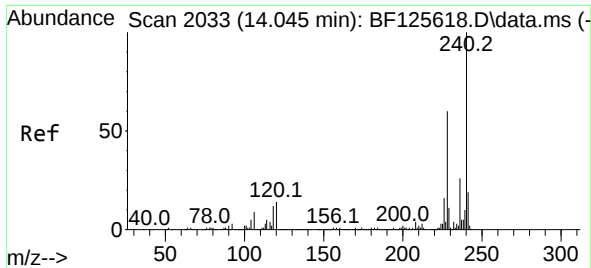
Tgt Ion:198 Resp: 1088
Ion Ratio Lower Upper
198 100
51 99.3 45.3 85.3#
105 142.0 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 4.354 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125758.D
Acq: 1 Oct 2021 18:15

Tgt Ion:248 Resp: 32081
Ion Ratio Lower Upper
248 100
250 198.5 74.2 111.4#
141 511.3 60.4 90.6#

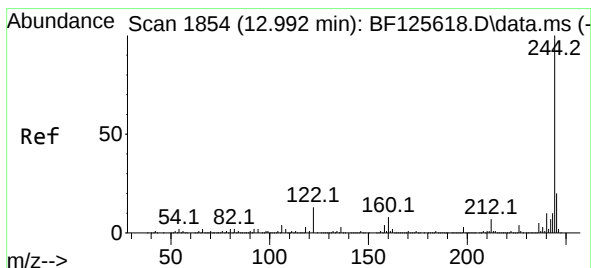
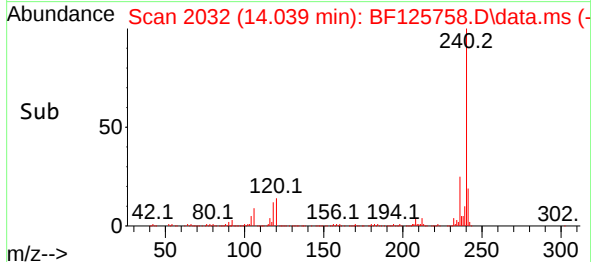
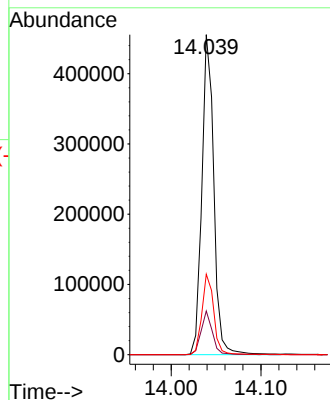
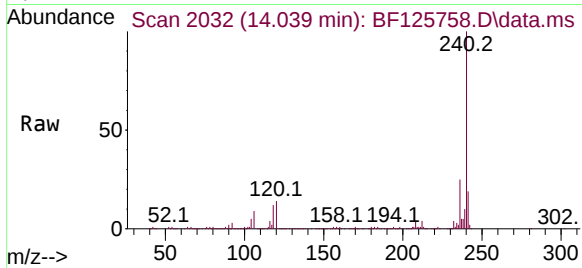




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125758.D
Acq: 1 Oct 2021 18:15

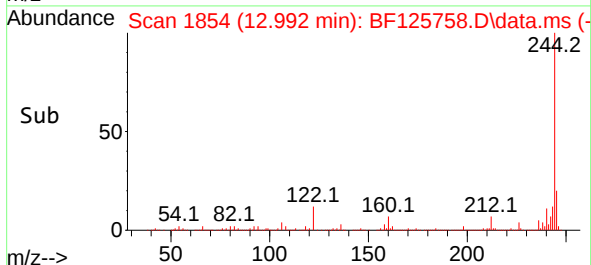
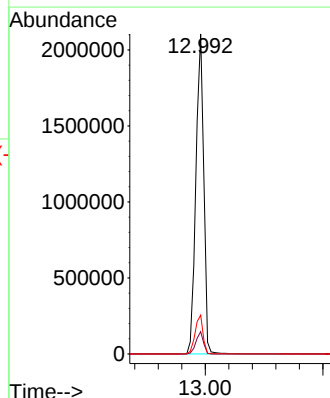
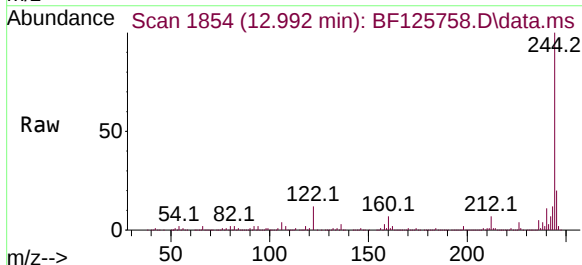
Instrument :
BNA_F
ClientSampleId :
26498

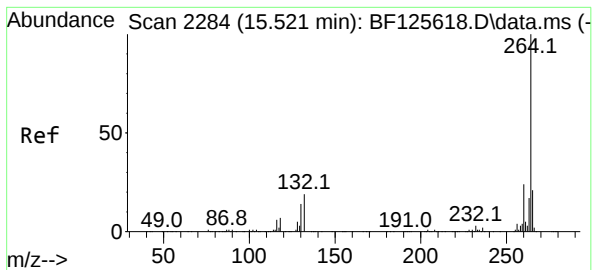
Tgt Ion:240 Resp: 420913
Ion Ratio Lower Upper
240 100
120 13.7 10.8 16.2
236 25.2 21.6 32.4



#79
Terphenyl-d14
Concen: 80.692 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF125758.D
Acq: 1 Oct 2021 18:15

Tgt Ion:244 Resp: 1961263
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 12.1 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF125758.D
 Acq: 1 Oct 2021 18:15

Instrument :
 BNA_F
 ClientSampleId :
 26498

Tgt Ion:264 Resp: 475624

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.3	17.2	25.8

