

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092121\
 Data File : BF125539.D
 Acq On : 21 Sep 2021 16:59
 Operator : JU/CG
 Sample : M3760-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Sep 21 17:25:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 21 14:40:01 2021
 Response via : Initial Calibration

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

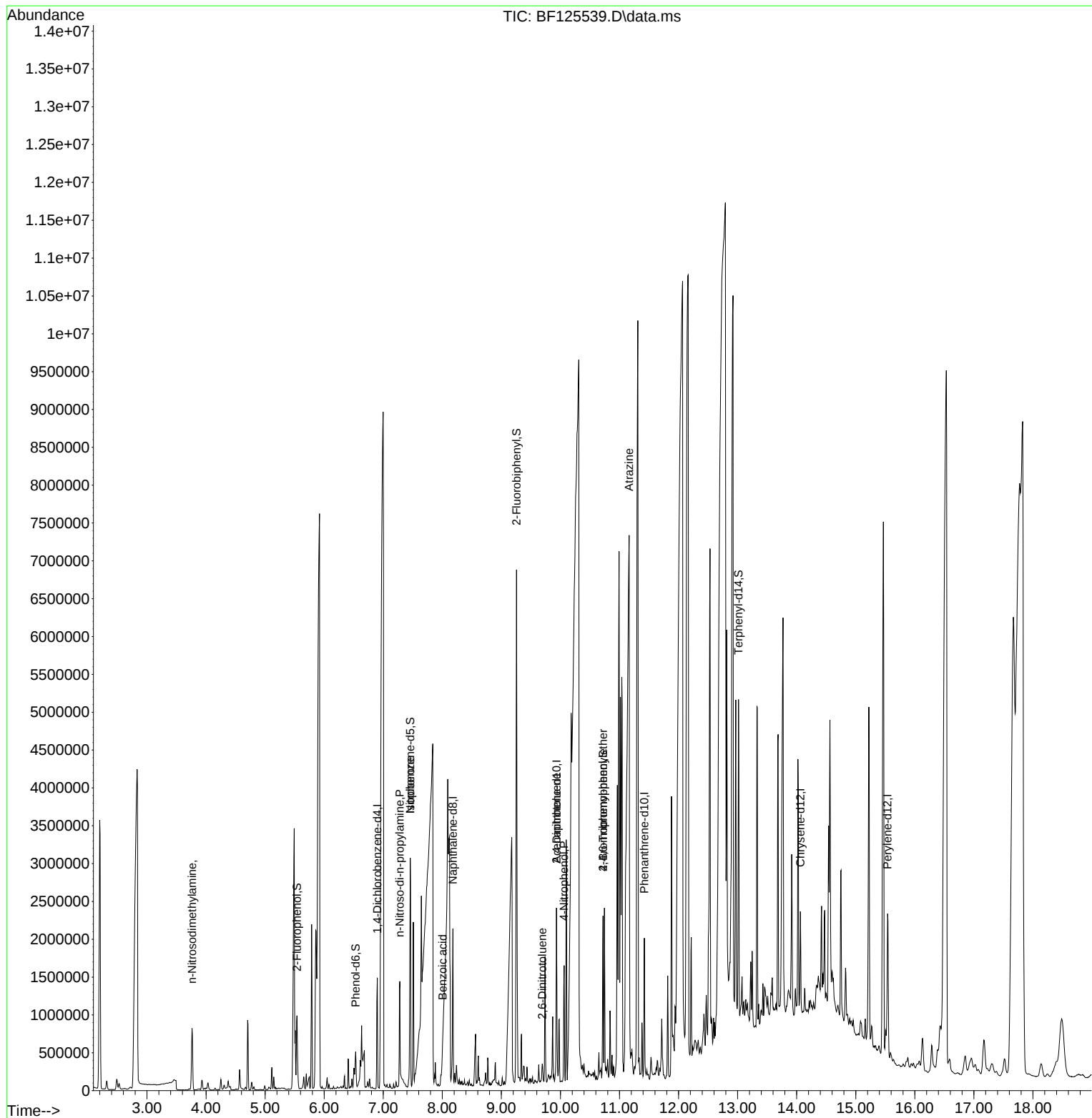
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	213263	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	868632	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	416848	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	595986	20.000	ng	0.00
76) Chrysene-d12	14.062	240	420309	20.000	ng	0.00
86) Perylene-d12	15.539	264	458300	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	434633	32.228	ng	0.03
7) Phenol-d6	6.534	99	313080	18.006	ng	0.01
23) Nitrobenzene-d5	7.457	82	1124738	82.587	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	244657	59.923	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1929198	83.599	ng	0.00
79) Terphenyl-d14	13.015	244	1525957	58.627	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.763	42	28372	4.937	ng	# 92
9) Benzaldehyde	6.445	77	3915	Below Cal		98
19) n-Nitroso-di-n-propyla...	7.281	70	63375	6.090	ng	# 79
25) Isophorone	7.457	82	1118419	38.162	ng	# 59
32) Benzoic acid	8.004	122	22510	2.847	ng	95
51) 2,6-Dinitrotoluene	9.692	165	19076	3.342	ng	# 31
56) 4-Nitrophenol	10.063	139	13181	2.680	ng	# 49
57) 2,4-Dinitrotoluene	9.933	165	54452	7.961	ng	# 20
67) 4-Bromophenyl-phenylether	10.722	248	14850	2.180	ng	# 1
69) Atrazine	11.163	200	18149	3.119	ng	# 56

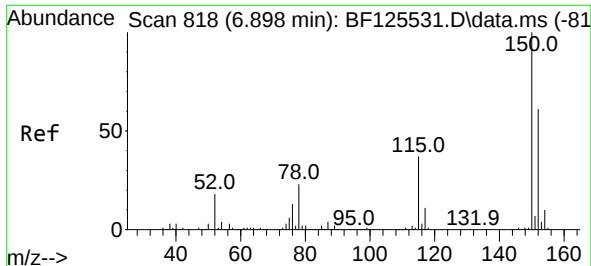
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092121\
Data File : BF125539.D
Acq On : 21 Sep 2021 16:59
Operator : JU/CG
Sample : M3760-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Quant Time: Sep 21 17:25:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 14:40:01 2021
Response via : Initial Calibration

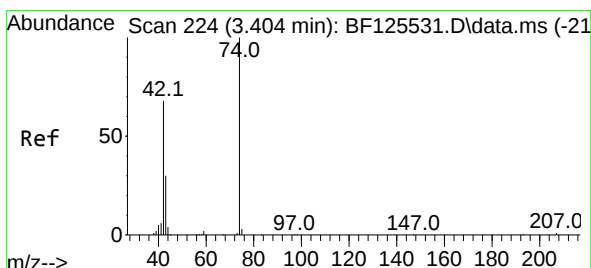
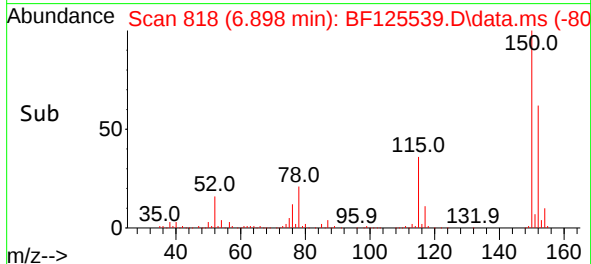
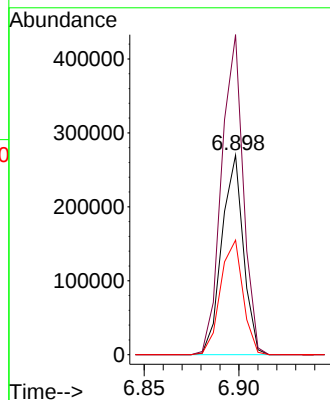
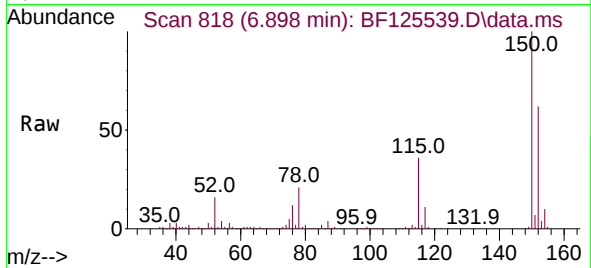




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 818
 Delta R.T. 0.000 min
 Lab File: BF125539.D
 Acq: 21 Sep 2021 16:59

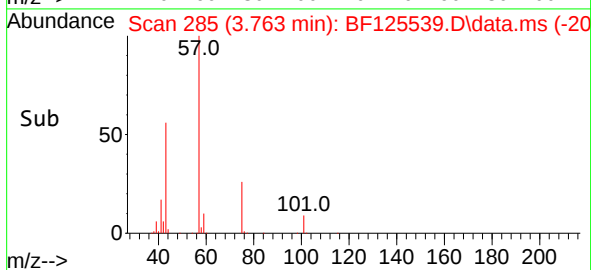
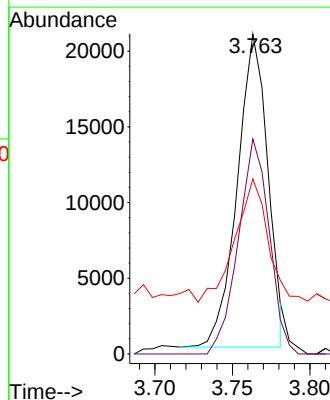
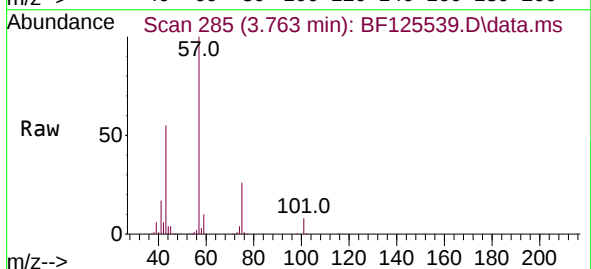
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

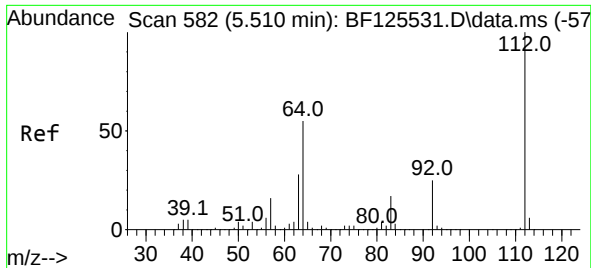
Tgt Ion:152 Resp: 213263
 Ion Ratio Lower Upper
 152 100
 150 160.3 117.6 176.4
 115 57.4 47.1 70.7



#4
 n-Nitrosodimethylamine
 Concen: 4.937 ng
 RT: 3.763 min Scan# 285
 Delta R.T. 0.359 min
 Lab File: BF125539.D
 Acq: 21 Sep 2021 16:59

Tgt Ion: 42 Resp: 28372
 Ion Ratio Lower Upper
 42 100
 74 67.2 59.0 88.6
 44 54.6 0.0 0.0#

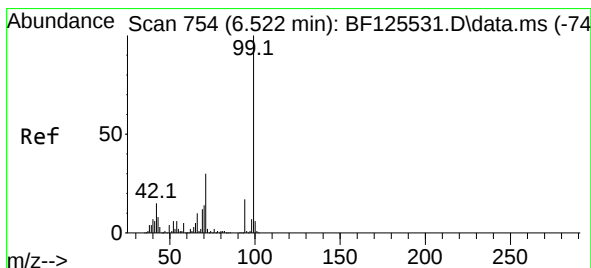
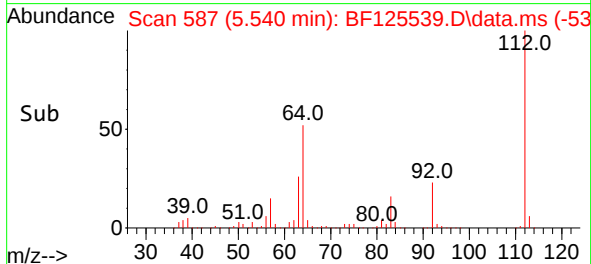
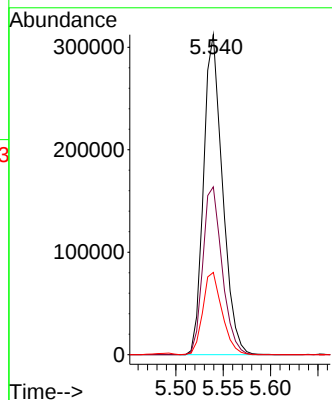
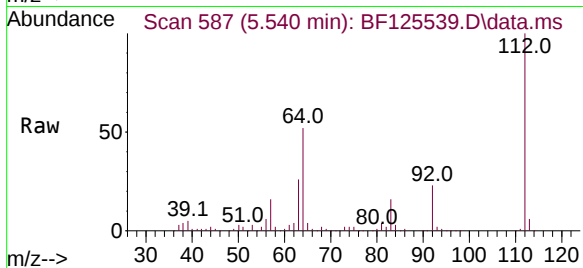




#5
2-Fluorophenol
Concen: 32.228 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.029 min
Lab File: BF125539.D
Acq: 21 Sep 2021 16:59

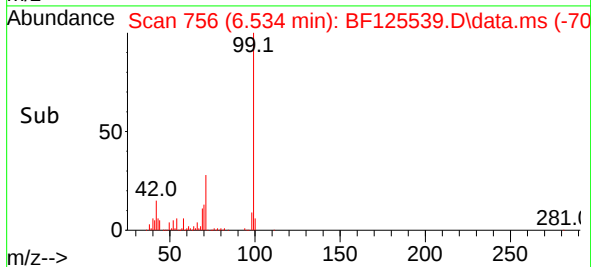
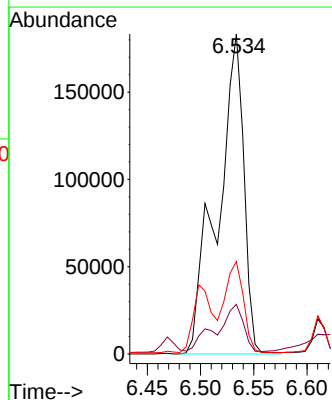
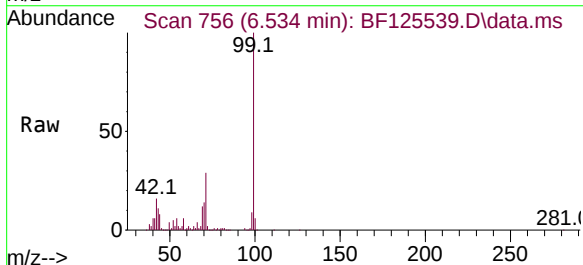
Instrument :
BNA_F
ClientSampleId :
EFF-WW

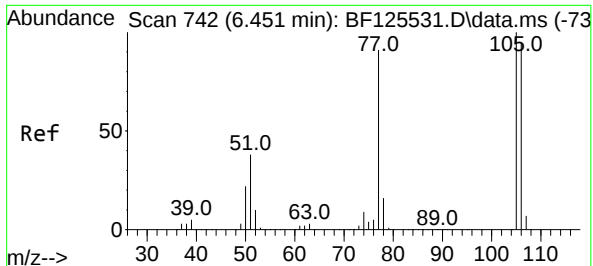
Tgt Ion:112 Resp: 434633
Ion Ratio Lower Upper
112 100
64 52.4 44.2 66.2
63 25.7 26.2 39.2#



#7
Phenol-d6
Concen: 18.006 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.012 min
Lab File: BF125539.D
Acq: 21 Sep 2021 16:59

Tgt Ion: 99 Resp: 313080
Ion Ratio Lower Upper
99 100
42 15.5 23.5 35.3#
71 28.9 25.6 38.4

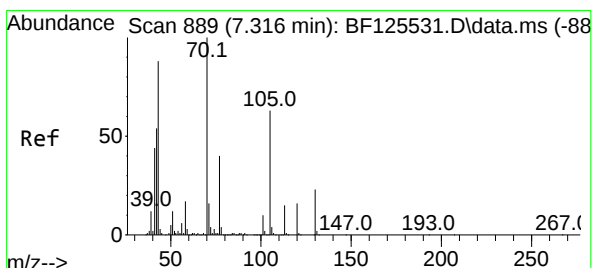
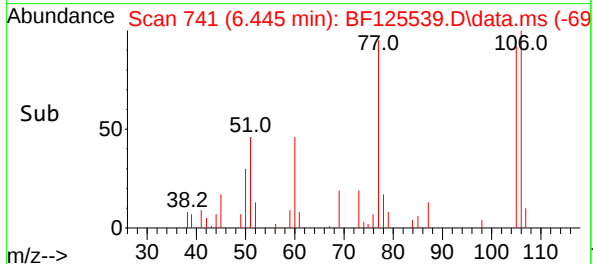
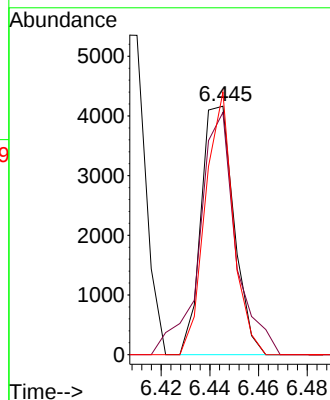
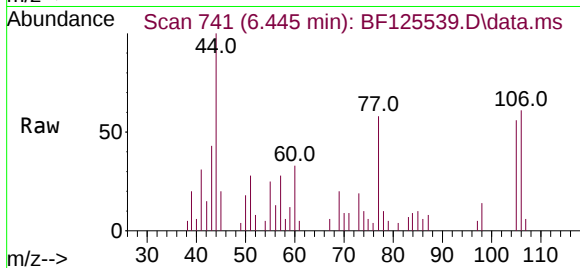




#9
Benzaldehyde
Concen: Below Cal
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF125539.D
Acq: 21 Sep 2021 16:59

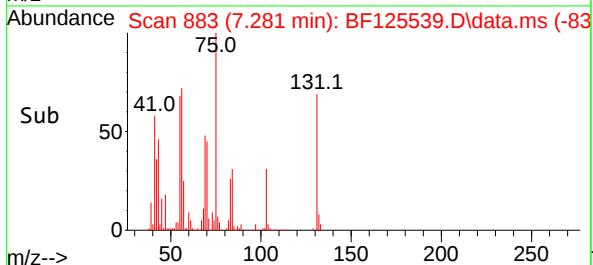
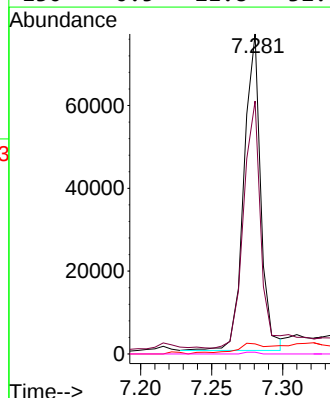
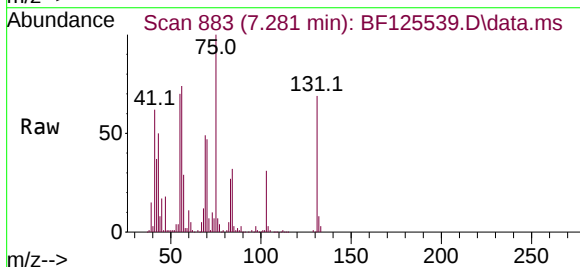
Instrument :
BNA_F
ClientSampleId :
EFF-WW

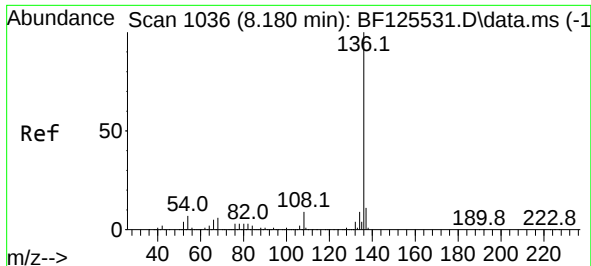
Tgt Ion:	77	Resp:	3915
Ion	Ratio	Lower	Upper
77	100		
105	97.5	75.9	115.9
106	105.7	84.0	124.0



#19
n-Nitroso-di-n-propylamine
Concen: 6.090 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.035 min
Lab File: BF125539.D
Acq: 21 Sep 2021 16:59

Tgt Ion:	70	Resp:	63375
Ion	Ratio	Lower	Upper
70	100		
42	79.1	72.2	108.2
101	3.2	7.8	11.8#
130	0.5	21.8	32.6#

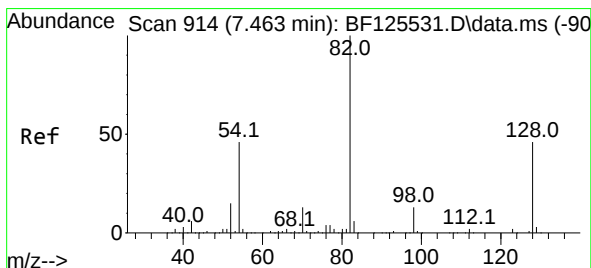
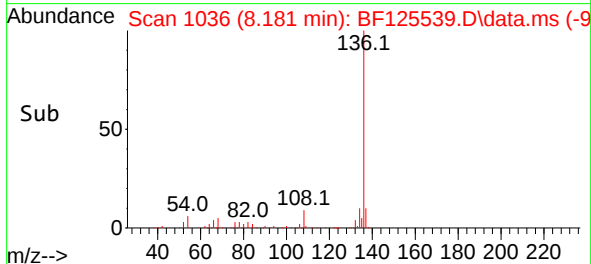
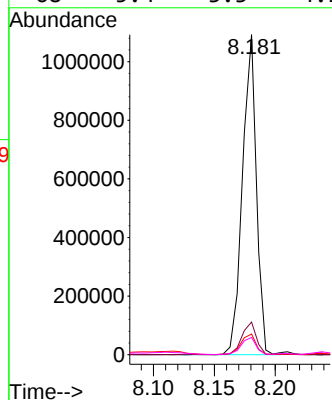
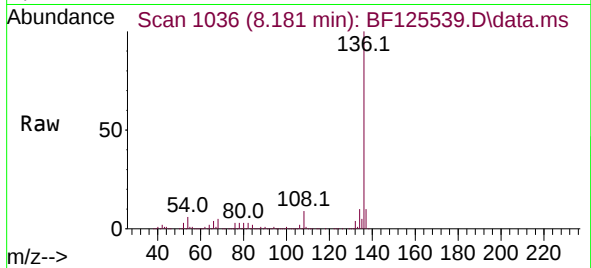




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF125539.D
Acq: 21 Sep 2021 16:59

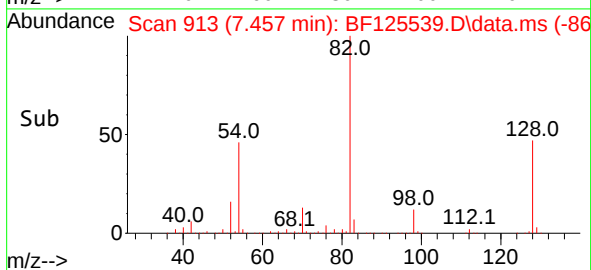
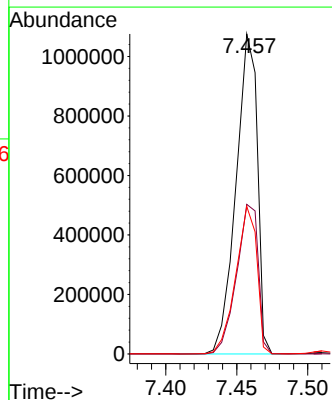
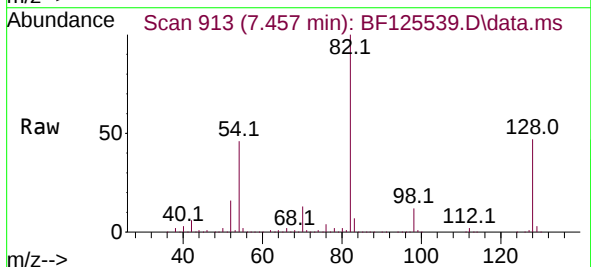
Instrument :
BNA_F
ClientSampleId :
EFF-WW

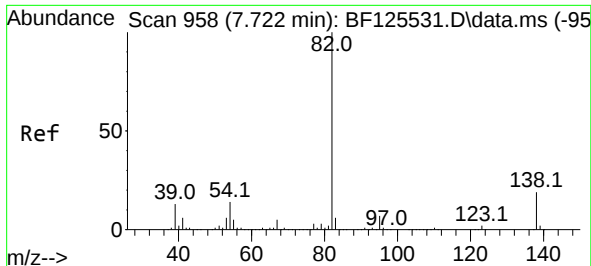
Tgt Ion:136 Resp: 868632
Ion Ratio Lower Upper
136 100
137 10.2 9.8 14.6
54 6.4 6.4 9.6
68 5.4 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 82.587 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF125539.D
Acq: 21 Sep 2021 16:59

Tgt Ion: 82 Resp: 1124738
Ion Ratio Lower Upper
82 100
128 46.8 40.6 60.8
54 46.1 49.6 74.4#

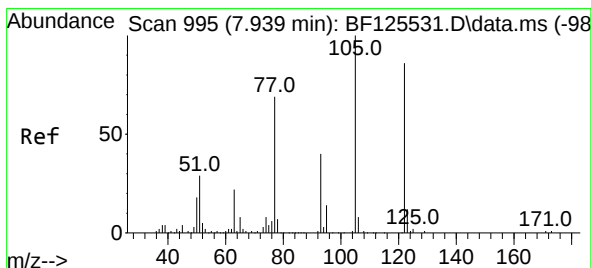
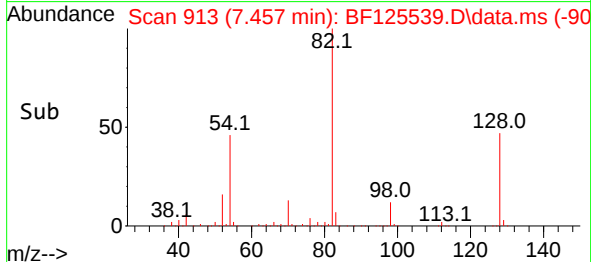
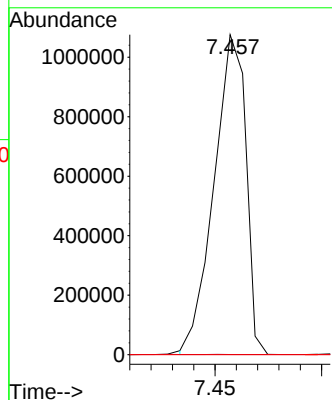
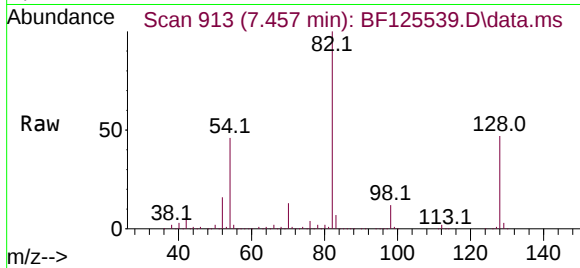




#25
Isophorone
Concen: 38.162 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.265 min
Lab File: BF125539.D
Acq: 21 Sep 2021 16:59

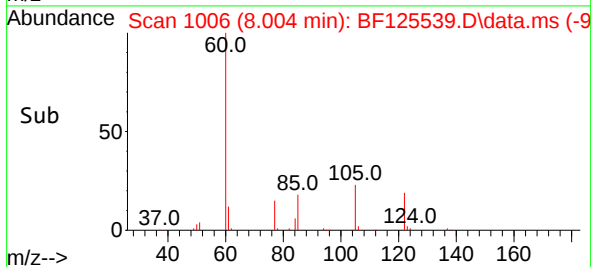
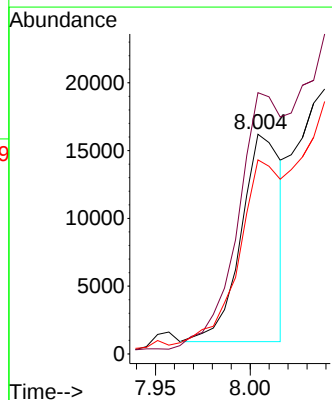
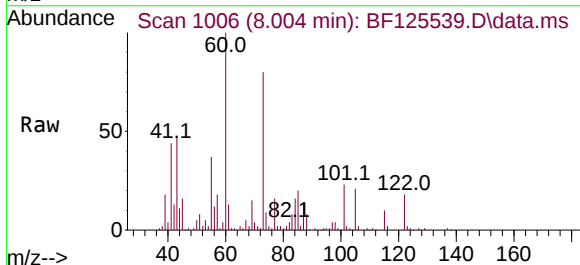
Instrument :
BNA_F
ClientSampleId :
EFF-WW

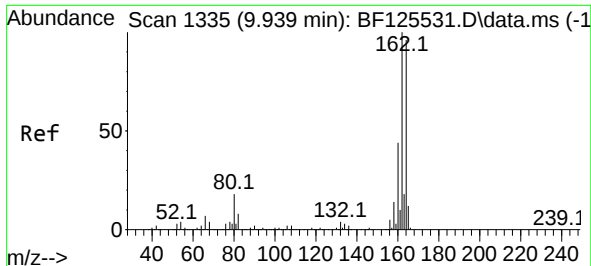
Tgt Ion: 82 Resp: 1118419
Ion Ratio Lower Upper
82 100
95 0.1 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 2.847 ng
RT: 8.004 min Scan# 1006
Delta R.T. 0.065 min
Lab File: BF125539.D
Acq: 21 Sep 2021 16:59

Tgt Ion: 122 Resp: 22510
Ion Ratio Lower Upper
122 100
105 118.9 97.6 137.6
77 88.4 59.6 99.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF125539.D

Acq: 21 Sep 2021 16:59

Instrument :

BNA_F

ClientSampleId :

EFF-WW

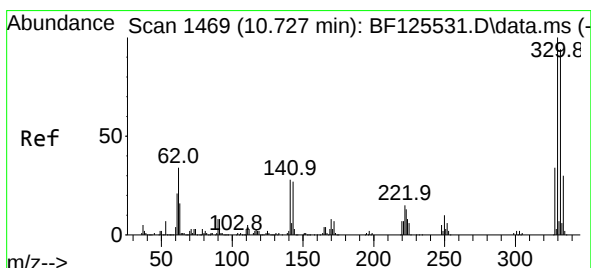
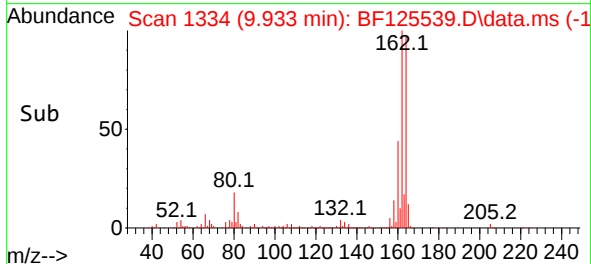
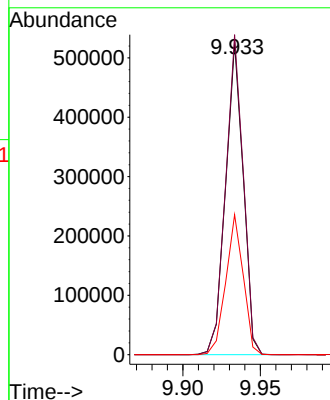
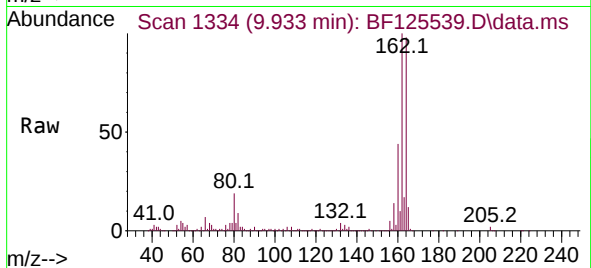
Tgt Ion:164 Resp: 416848

Ion Ratio Lower Upper

164 100

162 102.5 81.3 121.9

160 44.9 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 59.923 ng

RT: 10.722 min Scan# 1468

Delta R.T. -0.006 min

Lab File: BF125539.D

Acq: 21 Sep 2021 16:59

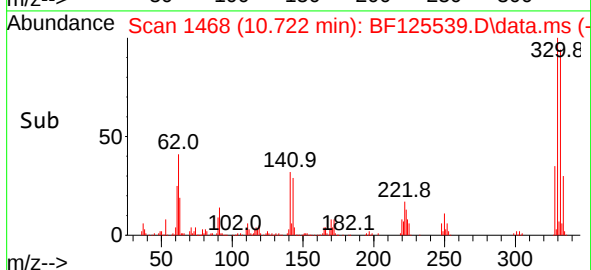
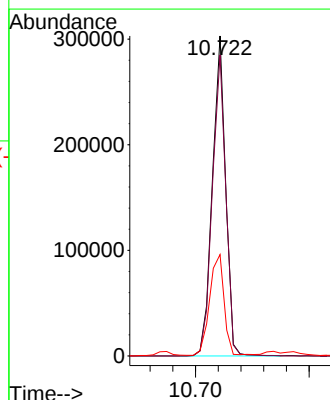
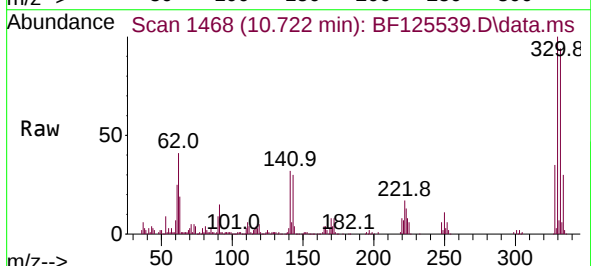
Tgt Ion:330 Resp: 244657

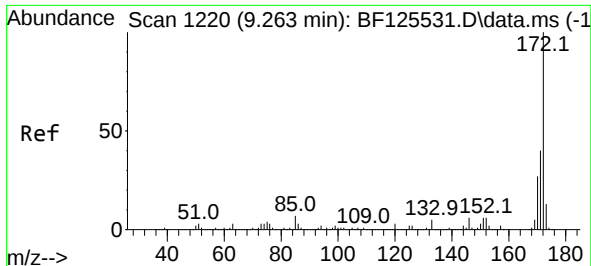
Ion Ratio Lower Upper

330 100

332 95.8 76.2 114.4

141 34.2 44.6 66.8#

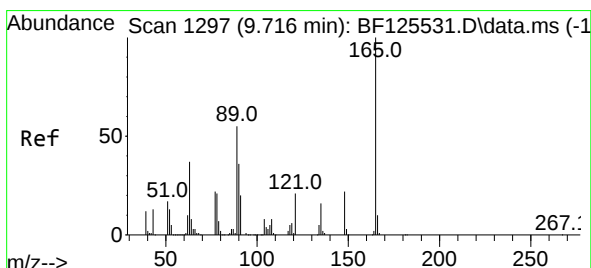
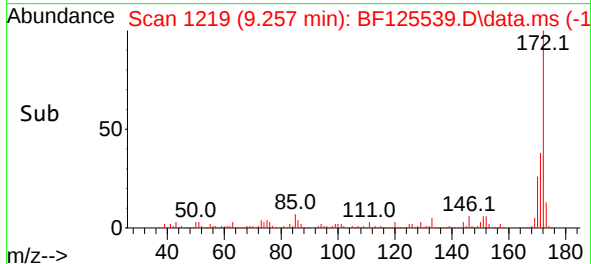
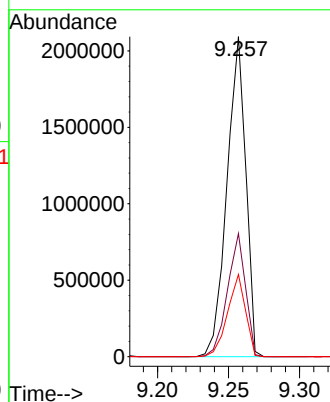
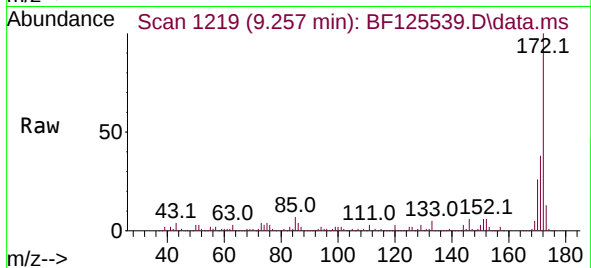




#45
2-Fluorobiphenyl
Concen: 83.599 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF125539.D
Acq: 21 Sep 2021 16:59

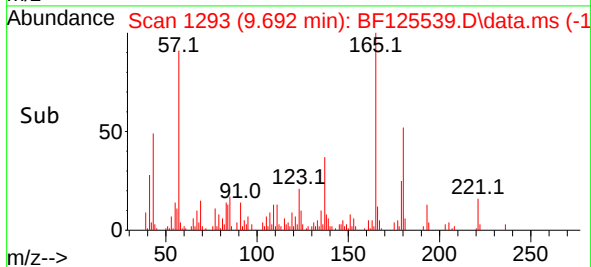
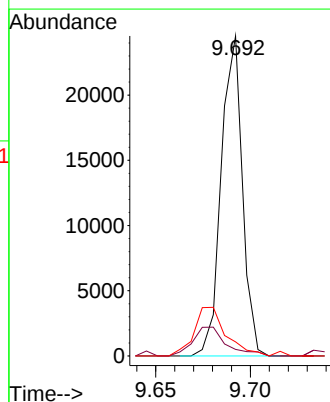
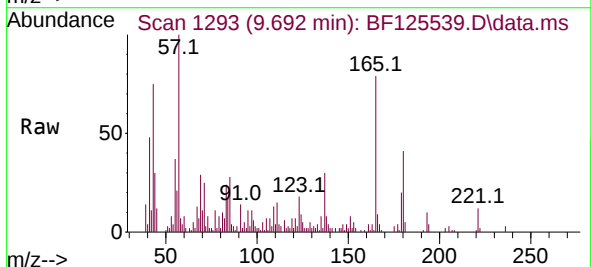
Instrument :
BNA_F
ClientSampleId :
EFF-WW

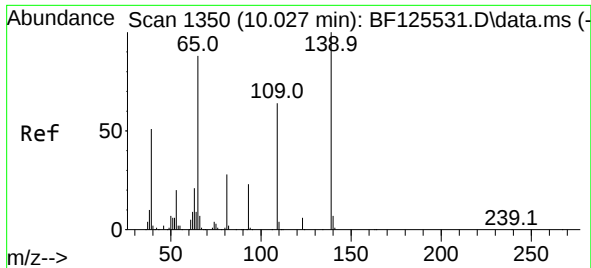
Tgt Ion:172 Resp: 1929198
Ion Ratio Lower Upper
172 100
171 38.5 26.5 39.7
170 25.7 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 3.342 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.023 min
Lab File: BF125539.D
Acq: 21 Sep 2021 16:59

Tgt Ion:165 Resp: 19076
Ion Ratio Lower Upper
165 100
63 2.1 42.6 63.8#
89 4.4 40.6 60.8#

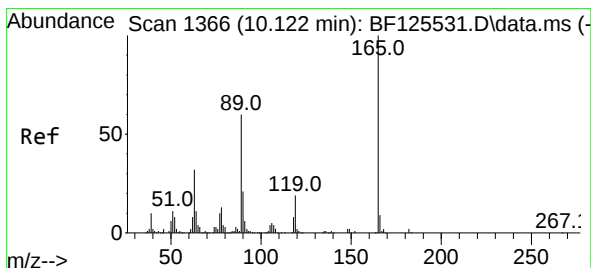
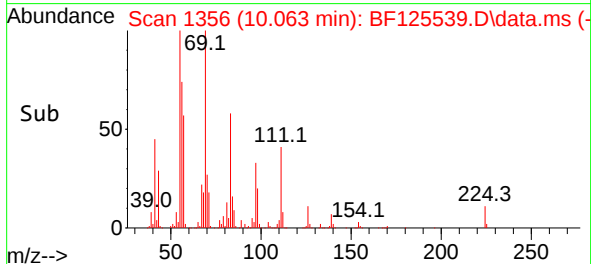
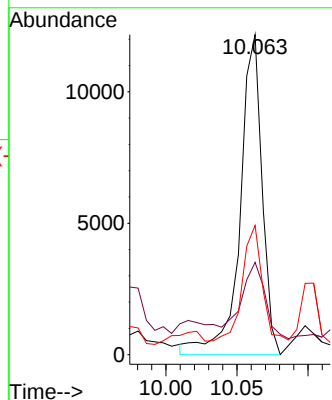
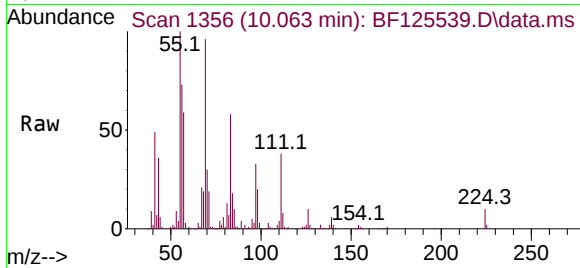




#56
4-Nitrophenol
Concen: 2.680 ng
RT: 10.063 min Scan# 1356
Delta R.T. 0.035 min
Lab File: BF125539.D
Acq: 21 Sep 2021 16:59

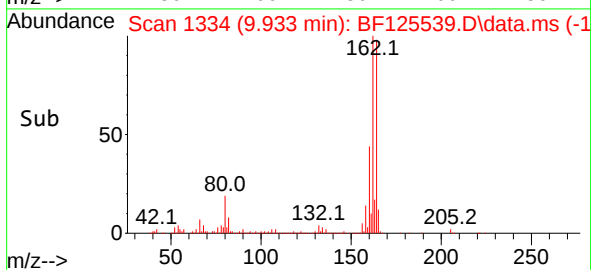
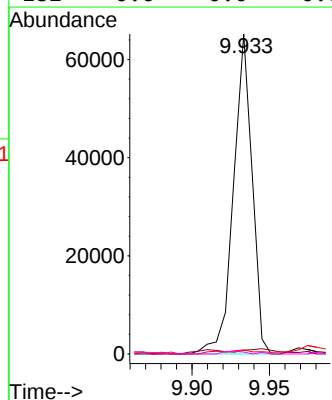
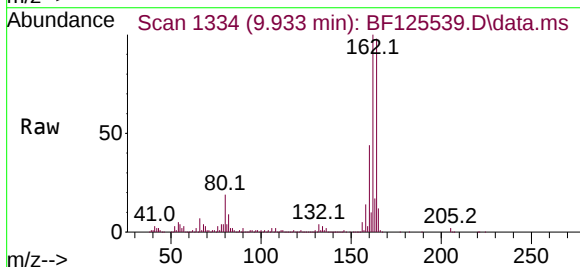
Instrument :
BNA_F
ClientSampleId :
EFF-WW

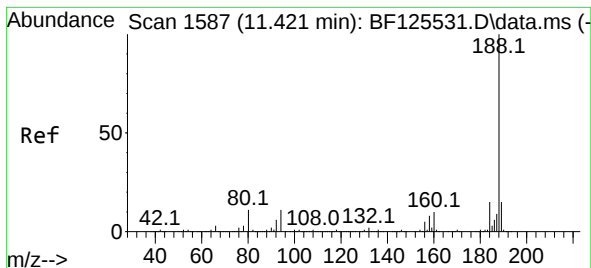
Tgt Ion:139 Resp: 13181
Ion Ratio Lower Upper
139 100
109 28.8 60.4 100.4#
65 40.4 58.4 98.4#



#57
2,4-Dinitrotoluene
Concen: 7.961 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF125539.D
Acq: 21 Sep 2021 16:59

Tgt Ion:165 Resp: 54452
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 1.3 59.7 89.5#
182 0.6 0.0 0.0#

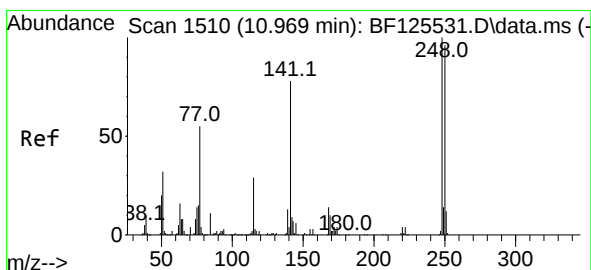
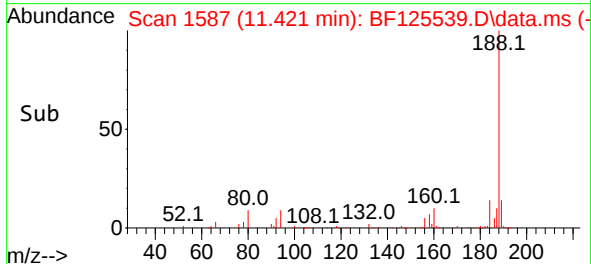
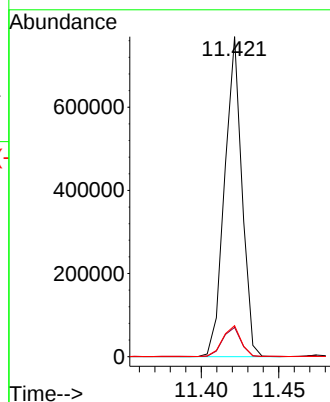
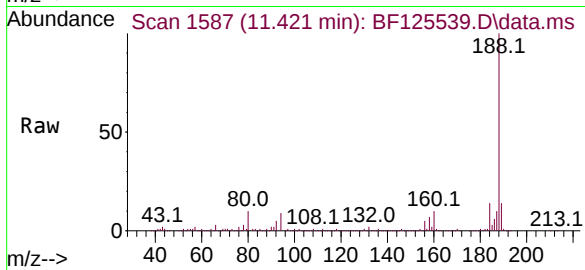




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF125539.D
Acq: 21 Sep 2021 16:59

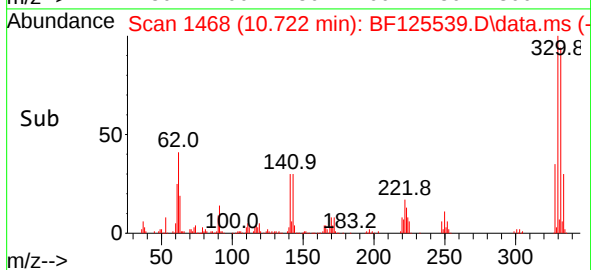
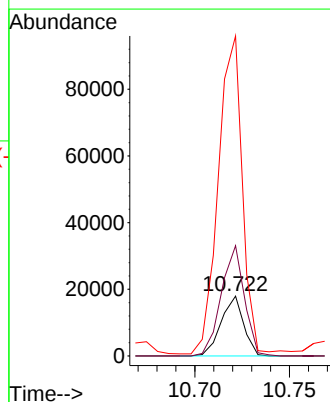
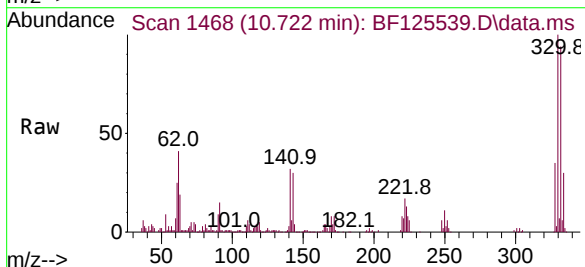
Instrument :
BNA_F
ClientSampleId :
EFF-WW

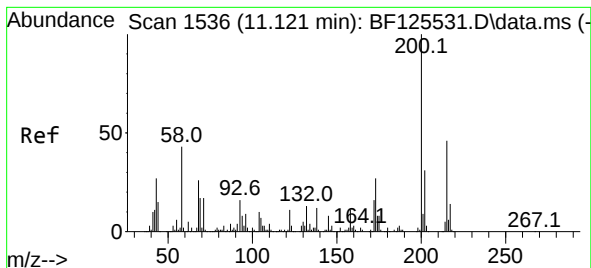
Tgt Ion:188 Resp: 595986
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 9.7 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.180 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF125539.D
Acq: 21 Sep 2021 16:59

Tgt Ion:248 Resp: 14850
Ion Ratio Lower Upper
248 100
250 184.3 74.2 111.4#
141 535.2 60.4 90.6#





#69

Atrazine

Concen: 3.119 ng

RT: 11.163 min Scan# 1543

Delta R.T. 0.041 min

Lab File: BF125539.D

Acq: 21 Sep 2021 16:59

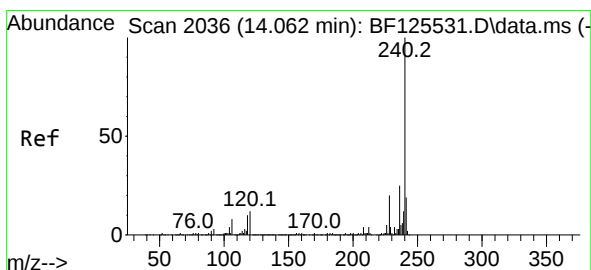
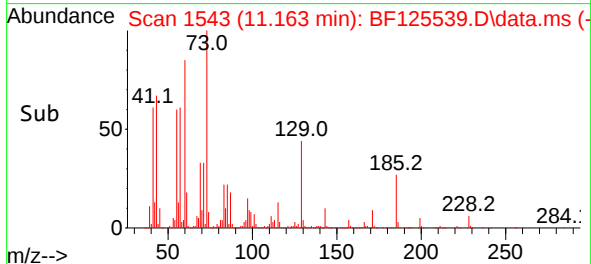
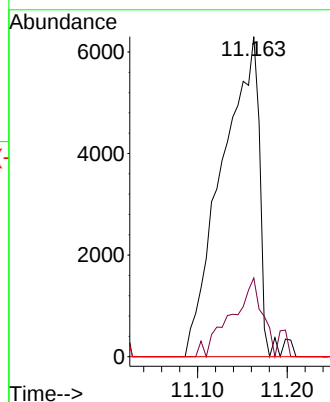
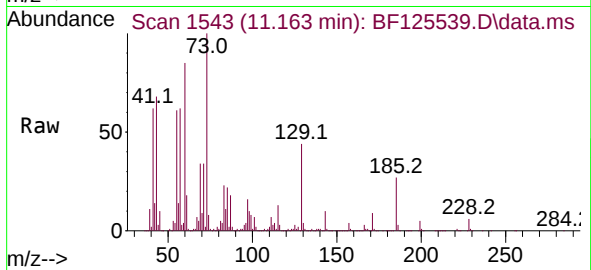
Tgt Ion:	200	Resp:	18149
Ion Ratio	Lower	Upper	
200	100		
173	24.6	11.1	51.1
215	0.0	22.7	62.7#

Instrument :

BNA_F

ClientSampleId :

EFF-WW



#76

Chrysene-d12

Concen: 20.000 ng

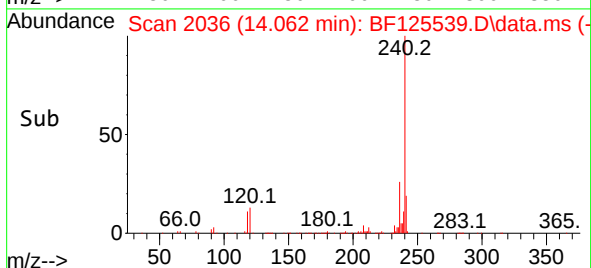
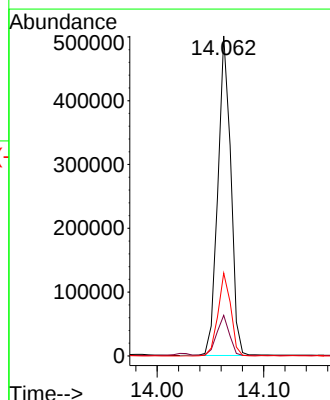
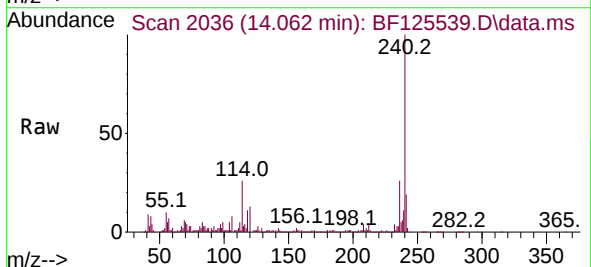
RT: 14.062 min Scan# 2036

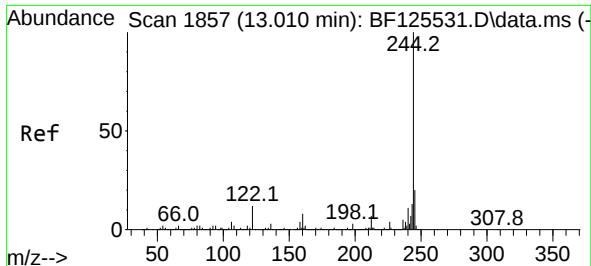
Delta R.T. 0.000 min

Lab File: BF125539.D

Acq: 21 Sep 2021 16:59

Tgt Ion:	240	Resp:	420309
Ion Ratio	Lower	Upper	
240	100		
120	12.7	10.8	16.2
236	25.9	21.6	32.4

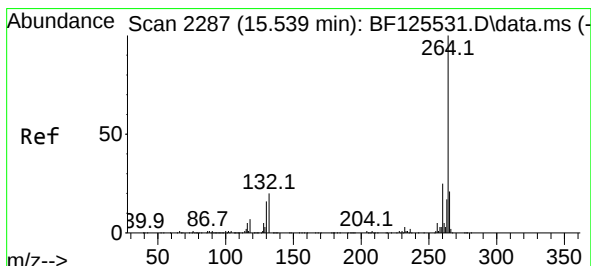
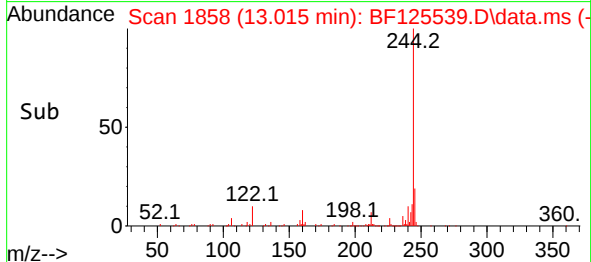
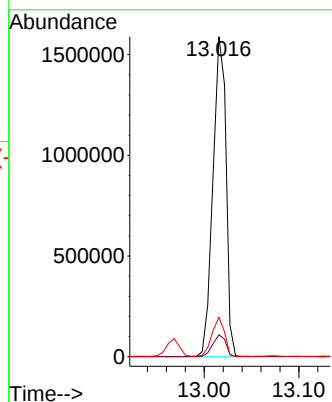
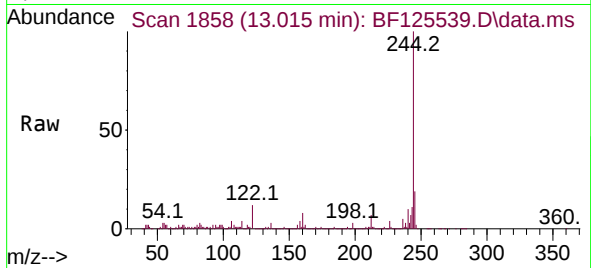




#79
 Terphenyl-d14
 Concen: 58.627 ng
 RT: 13.015 min Scan# 1858
 Delta R.T. 0.006 min
 Lab File: BF125539.D
 Acq: 21 Sep 2021 16:59

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Tgt Ion:244 Resp: 1525957
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 12.3 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. 0.000 min
 Lab File: BF125539.D
 Acq: 21 Sep 2021 16:59

Tgt Ion:264 Resp: 458300
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 20.8 17.2 25.8

