

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092121\
 Data File : BF125544.D
 Acq On : 21 Sep 2021 19:40
 Operator : JU/CG
 Sample : M3835-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-RR-01-(1.5)

Quant Time: Sep 22 04:02:35 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 19:21:36 2021
 Response via : Initial Calibration

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

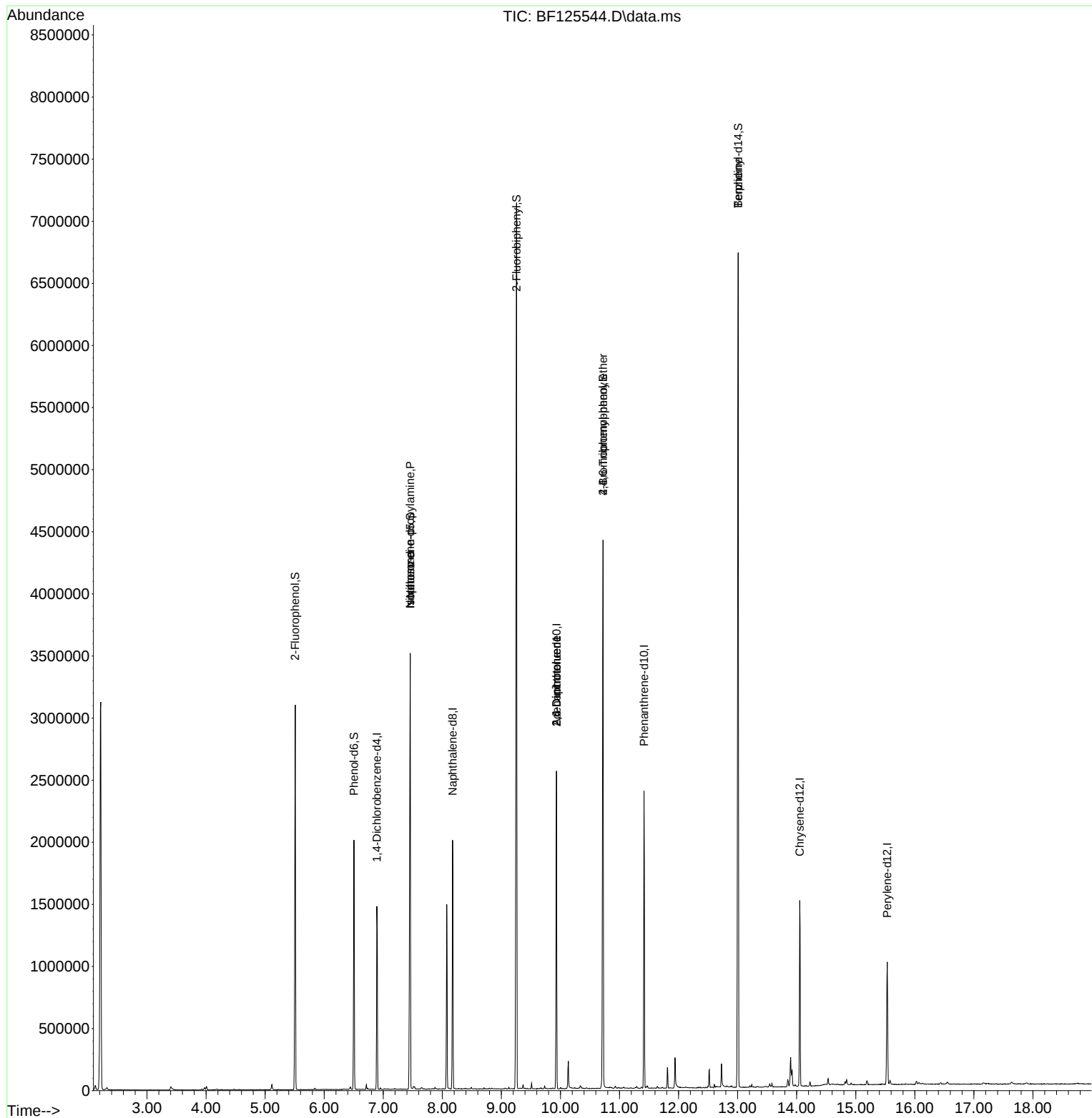
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	222686	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	922884	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	496117	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	842120	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	510106	20.000	ng	-0.01
86) Perylene-d12	15.533	264	422527	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	865866	61.488	ng	0.00
7) Phenol-d6	6.504	99	671780	37.000	ng	-0.02
23) Nitrobenzene-d5	7.457	82	1259270	87.030	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	601935	123.873	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2389527	87.532	ng	0.00
79) Terphenyl-d14	13.010	244	2420754	76.633	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	983	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.457	70	160804	14.798	ng	# 52
25) Isophorone	7.457	82	1257538	40.386	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	62489	9.199	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	62489	7.676	ng	# 19
67) 4-Bromophenyl-phenylether	10.721	248	32831	3.411	ng	# 1
77) Benzidine	13.010	184	33279	2.301	ng	95

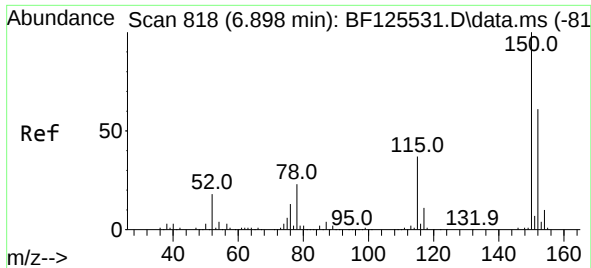
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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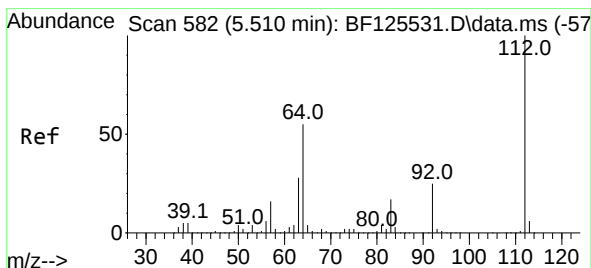
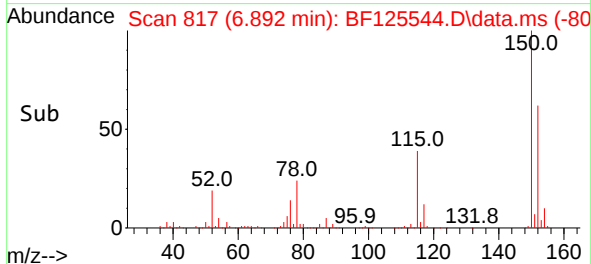
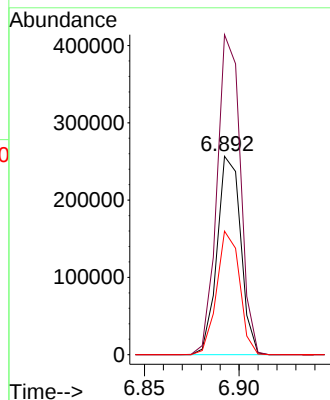
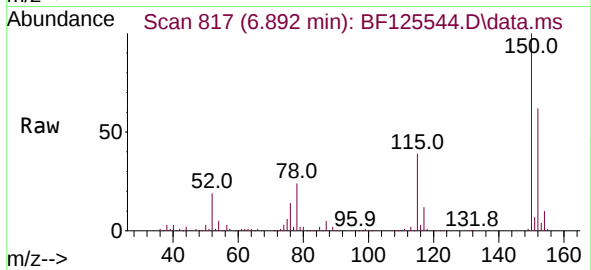




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF125544.D
Acq: 21 Sep 2021 19:40

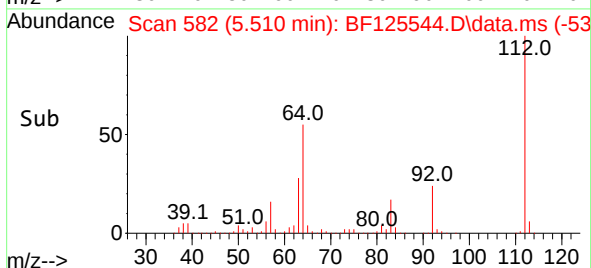
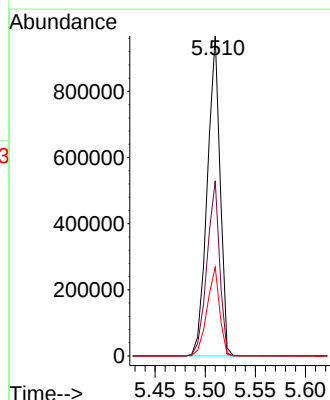
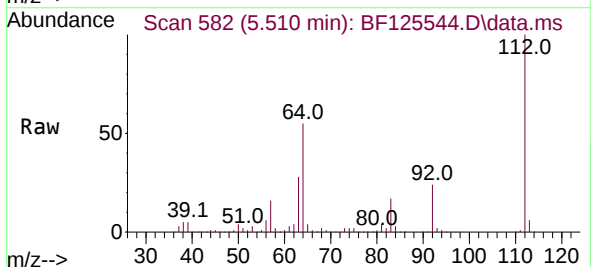
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(1.5)

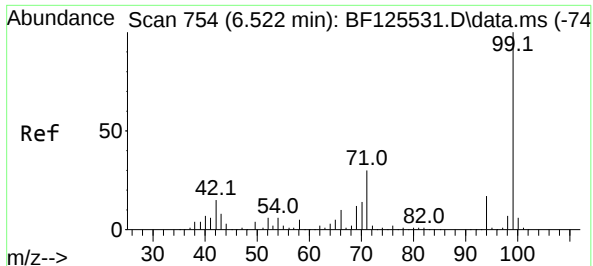
Tgt Ion:152 Resp: 222686
Ion Ratio Lower Upper
152 100
150 161.2 117.6 176.4
115 62.2 47.1 70.7



#5
2-Fluorophenol
Concen: 61.488 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.000 min
Lab File: BF125544.D
Acq: 21 Sep 2021 19:40

Tgt Ion:112 Resp: 865866
Ion Ratio Lower Upper
112 100
64 54.8 44.2 66.2
63 27.8 26.2 39.2

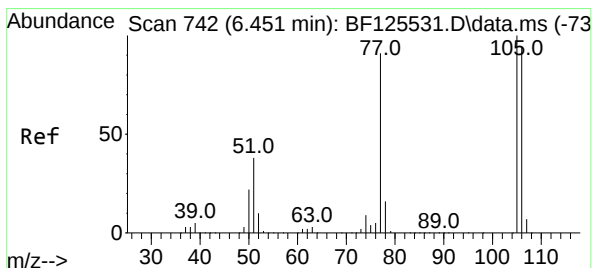
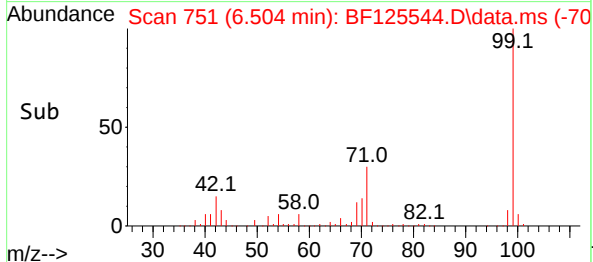
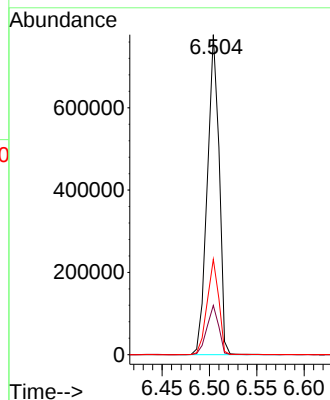
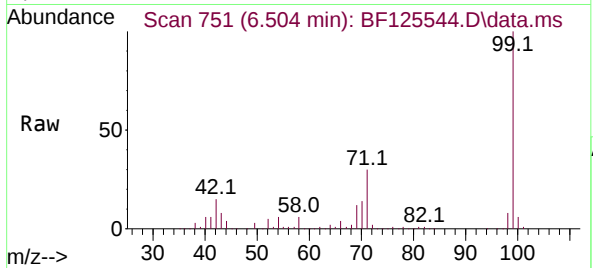




#7
Phenol-d6
Concen: 37.000 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF125544.D
Acq: 21 Sep 2021 19:40

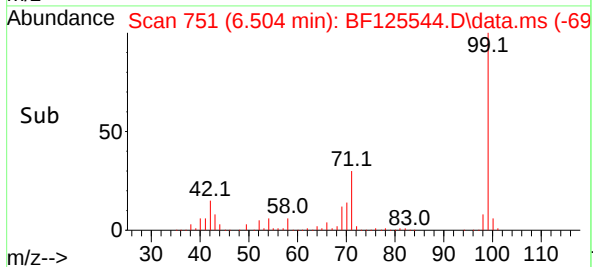
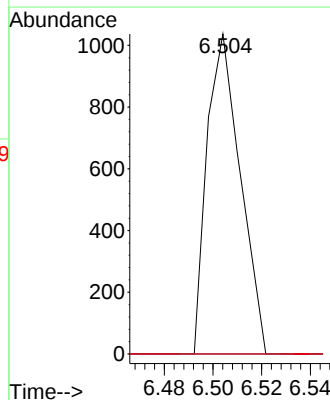
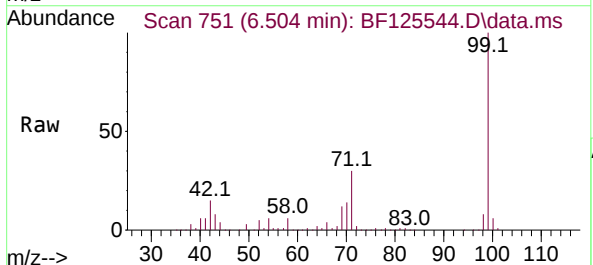
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(1.5)

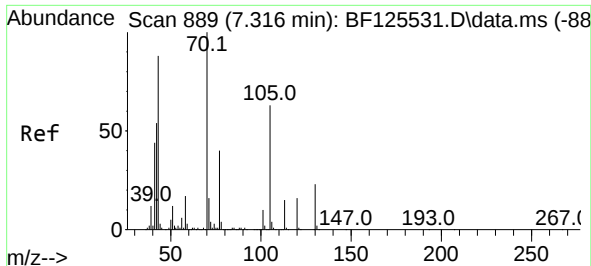
Tgt Ion: 99 Resp: 671780
Ion Ratio Lower Upper
99 100
42 15.4 23.5 35.3#
71 29.8 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. 0.053 min
Lab File: BF125544.D
Acq: 21 Sep 2021 19:40

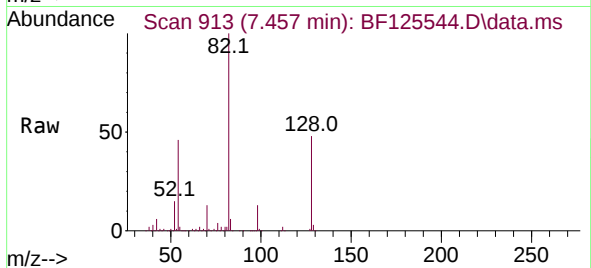
Tgt Ion: 77 Resp: 983
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



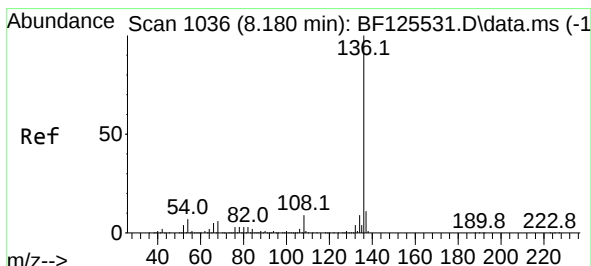
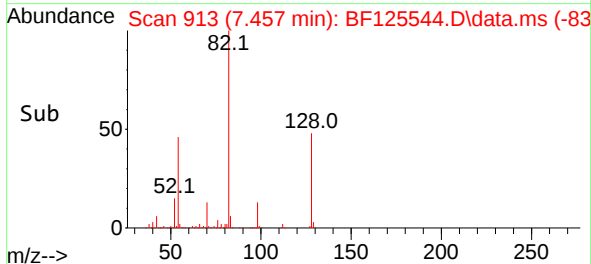
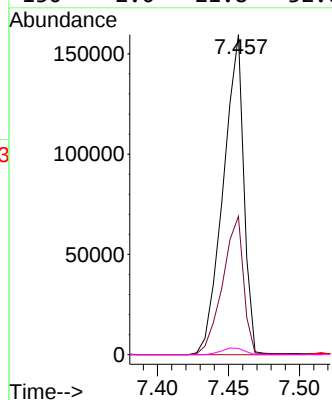


#19
n-Nitroso-di-n-propylamine
Concen: 14.798 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.141 min
Lab File: BF125544.D
Acq: 21 Sep 2021 19:40

Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(1.5)

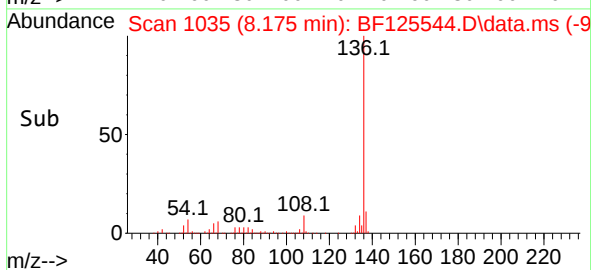
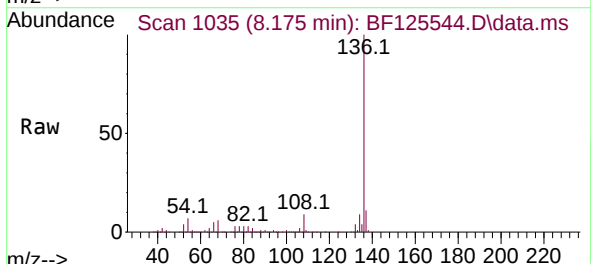
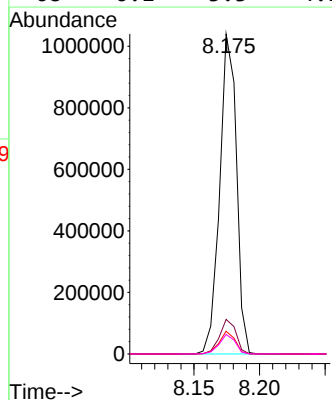


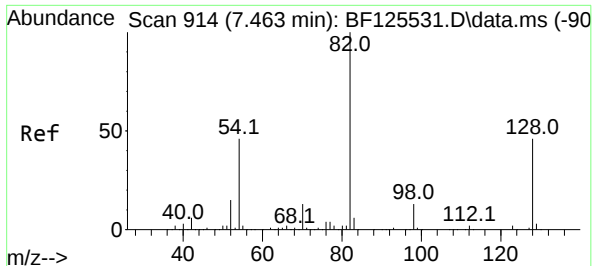
Tgt Ion: 70 Resp: 160804
Ion Ratio Lower Upper
70 100
42 43.2 72.2 108.2#
101 0.0 7.8 11.8#
130 2.0 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125544.D
Acq: 21 Sep 2021 19:40

Tgt Ion: 136 Resp: 922884
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 7.1 6.4 9.6
68 6.1 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 87.030 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF125544.D

Acq: 21 Sep 2021 19:40

Tgt Ion: 82 Resp: 1259270

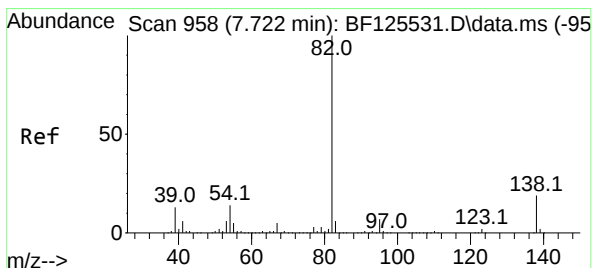
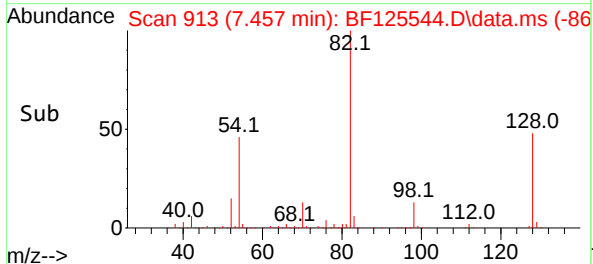
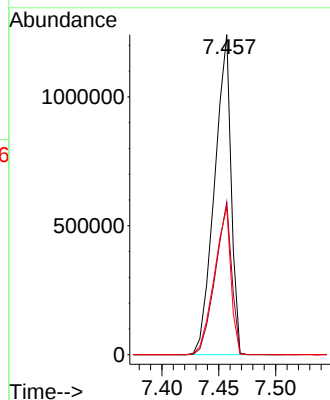
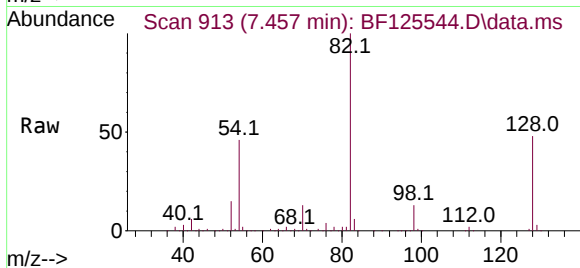
Ion	Ratio	Lower	Upper
82	100		
128	47.7	40.6	60.8
54	46.1	49.6	74.4#

Instrument :

BNA_F

ClientSampleId :

SW-RR-01-(1.5)



#25

Isophorone

Concen: 40.386 ng

RT: 7.457 min Scan# 913

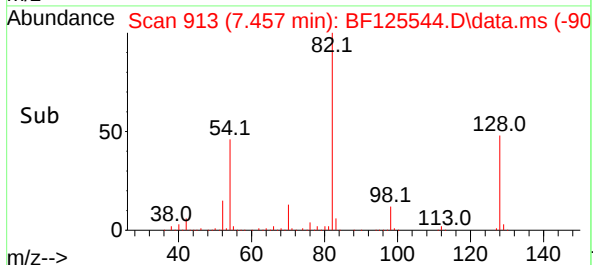
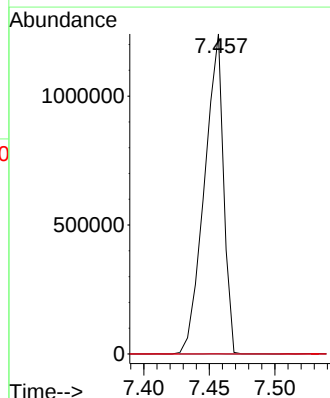
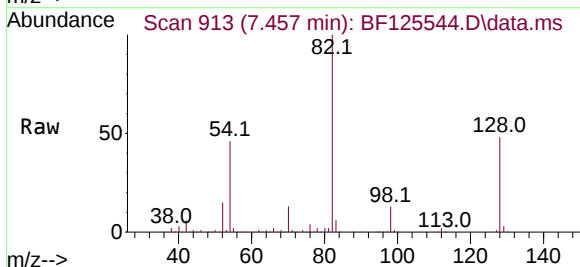
Delta R.T. -0.265 min

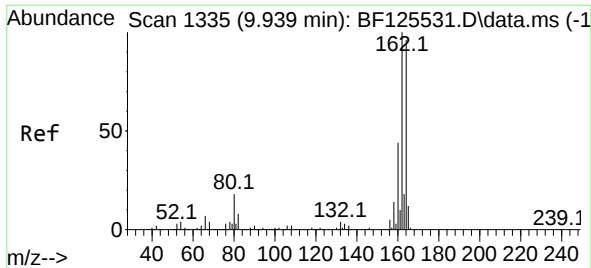
Lab File: BF125544.D

Acq: 21 Sep 2021 19:40

Tgt Ion: 82 Resp: 1257538

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#

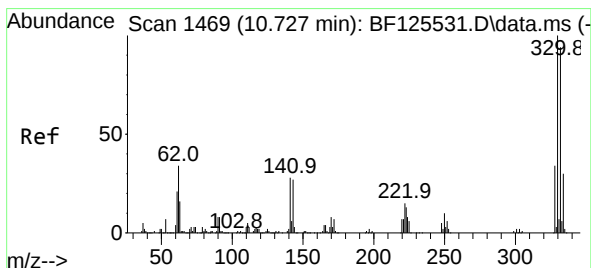
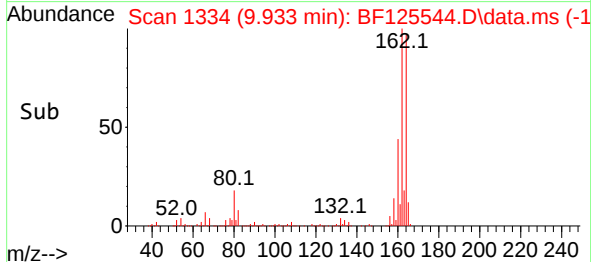
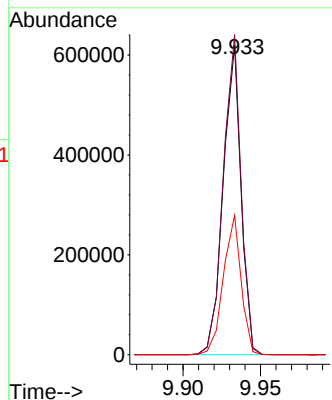
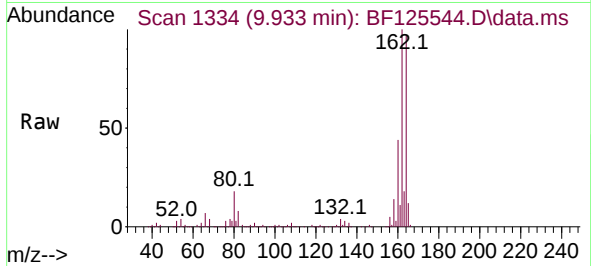




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125544.D
Acq: 21 Sep 2021 19:40

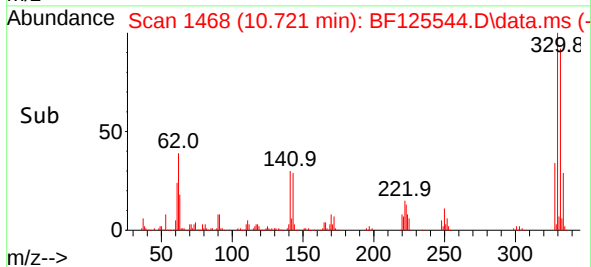
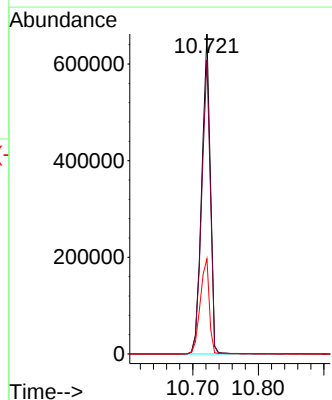
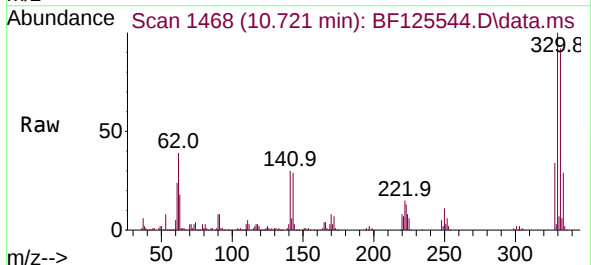
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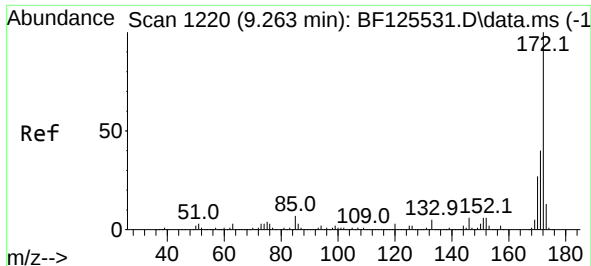
Tgt Ion:164 Resp: 496117
Ion Ratio Lower Upper
164 100
162 103.3 81.3 121.9
160 45.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 123.873 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF125544.D
Acq: 21 Sep 2021 19:40

Tgt Ion:330 Resp: 601935
Ion Ratio Lower Upper
330 100
332 92.8 76.2 114.4
141 31.3 44.6 66.8#

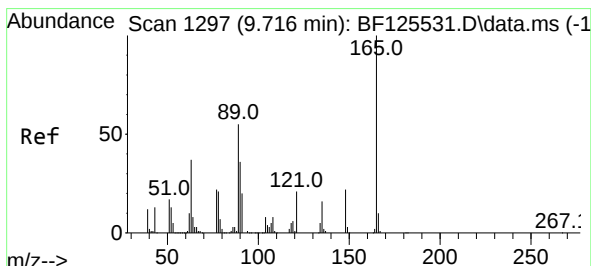
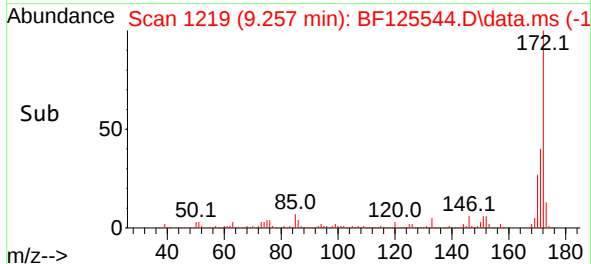
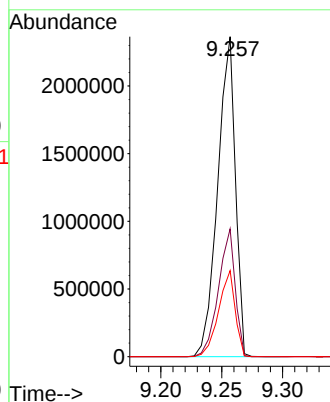
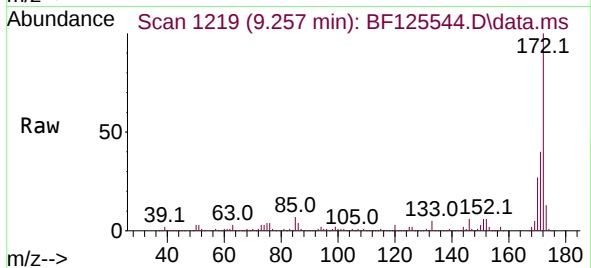




#45
2-Fluorobiphenyl
Concen: 87.532 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF125544.D
Acq: 21 Sep 2021 19:40

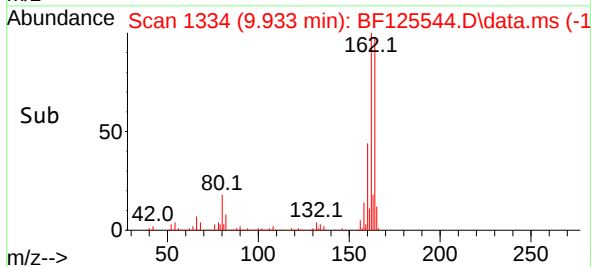
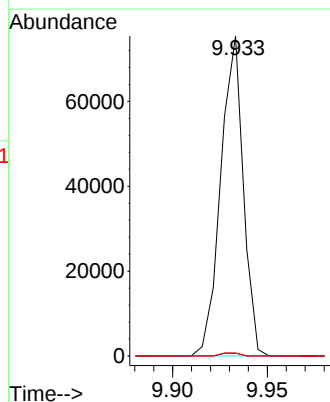
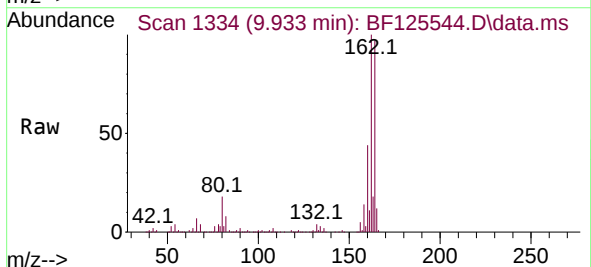
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SW-RR-01-(1.5)

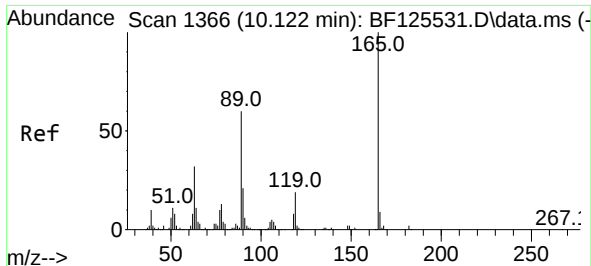
Tgt Ion:172 Resp: 2389527
Ion Ratio Lower Upper
172 100
171 40.0 26.5 39.7#
170 26.9 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.199 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF125544.D
Acq: 21 Sep 2021 19:40

Tgt Ion:165 Resp: 62489
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 0.9 40.6 60.8#

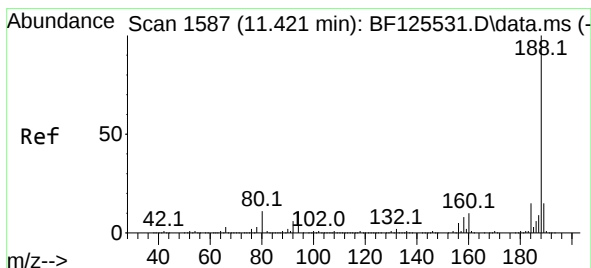
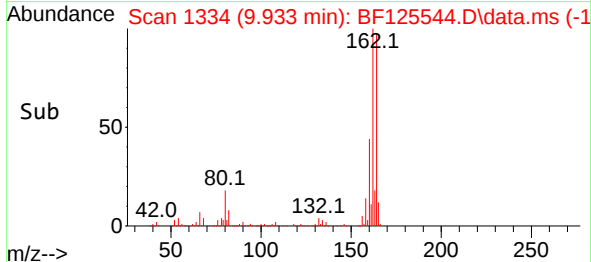
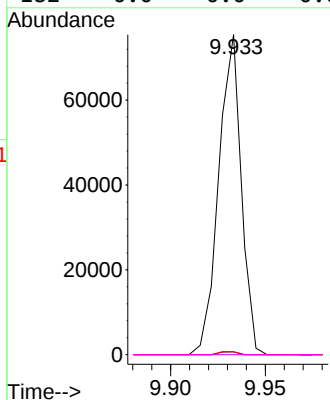
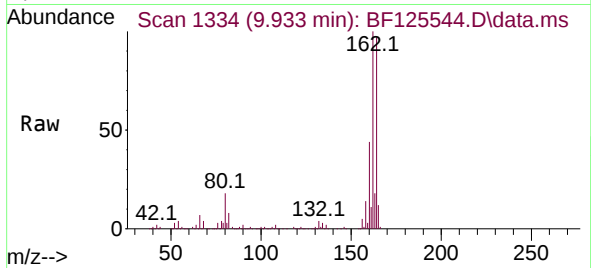




#57
2,4-Dinitrotoluene
Concen: 7.676 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF125544.D
Acq: 21 Sep 2021 19:40

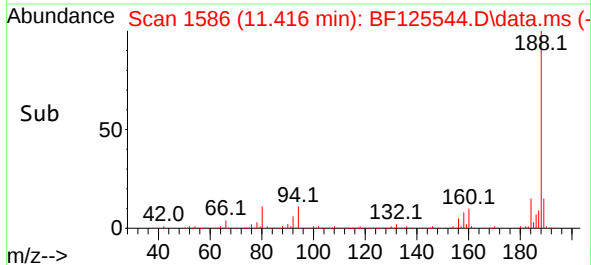
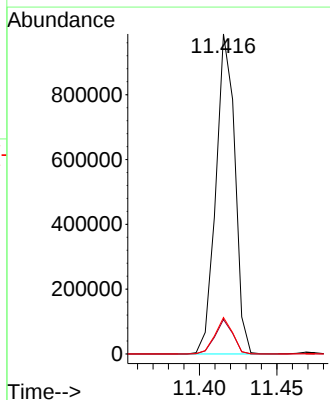
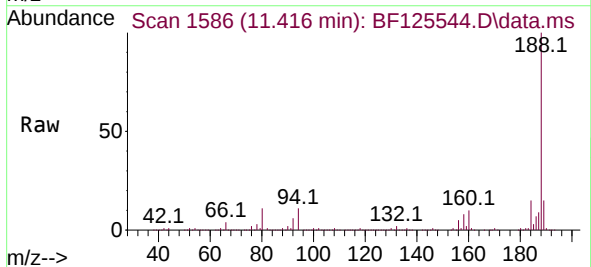
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(1.5)

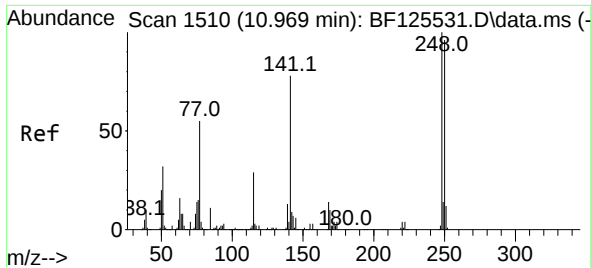
Tgt Ion:165	Resp:	62489
Ion Ratio	Lower	Upper
165	100	
63	0.8	40.9 61.3#
89	0.9	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125544.D
Acq: 21 Sep 2021 19:40

Tgt Ion:188	Resp:	842120
Ion Ratio	Lower	Upper
188	100	
94	10.8	6.7 10.1#
80	11.4	7.5 11.3#

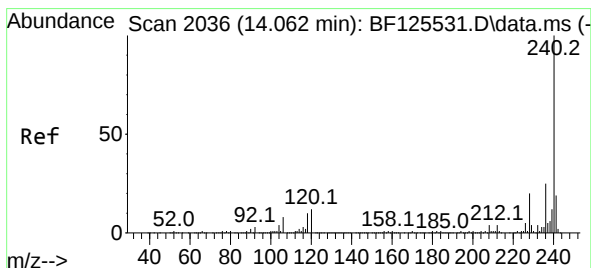
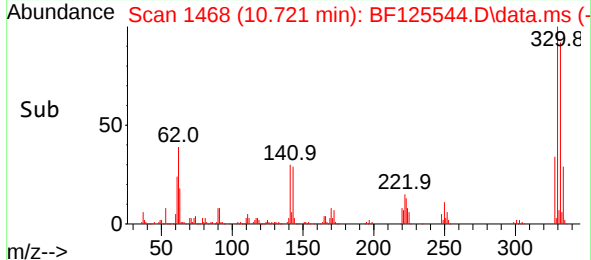
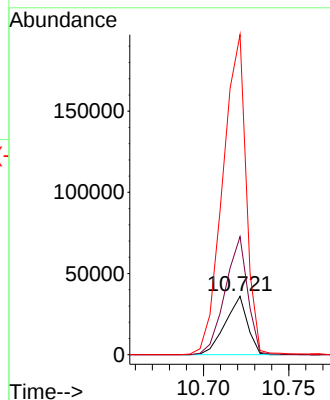
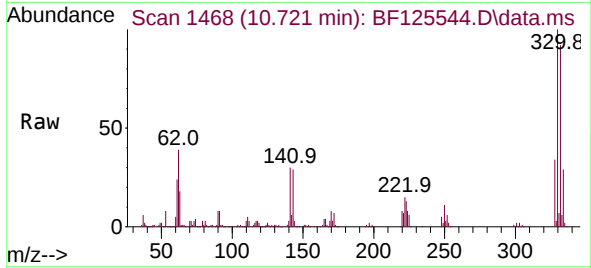




#67
4-Bromophenyl-phenylether
Concen: 3.411 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF125544.D
Acq: 21 Sep 2021 19:40

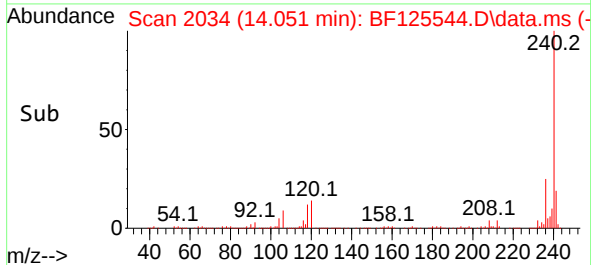
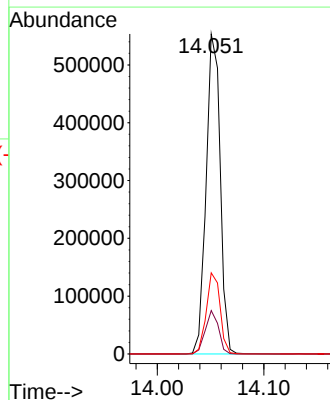
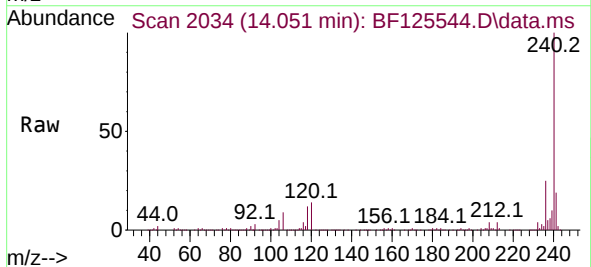
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(1.5)

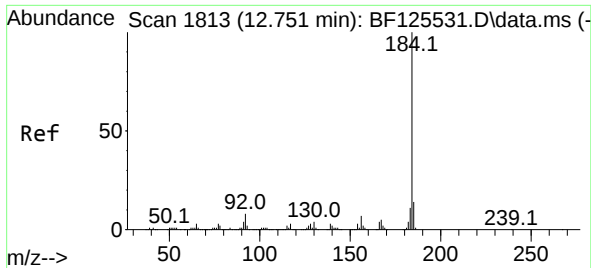
Tgt Ion:248 Resp: 32831
Ion Ratio Lower Upper
248 100
250 201.9 74.2 111.4#
141 547.3 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF125544.D
Acq: 21 Sep 2021 19:40

Tgt Ion:240 Resp: 510106
Ion Ratio Lower Upper
240 100
120 13.5 10.8 16.2
236 25.4 21.6 32.4

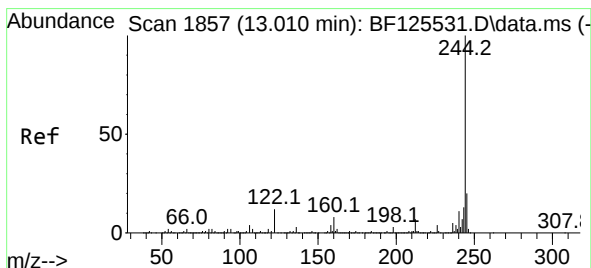
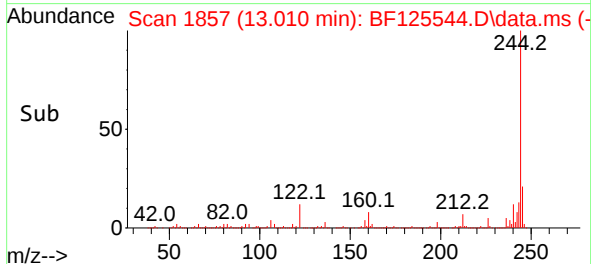
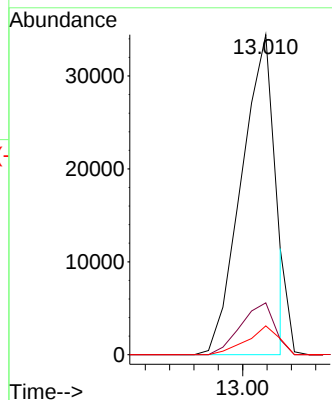
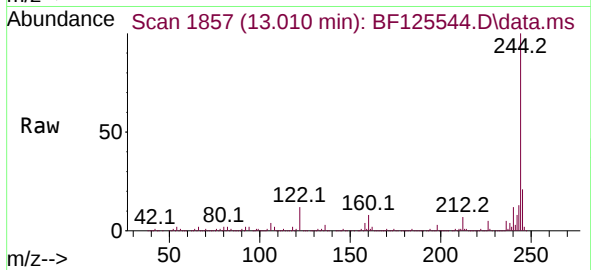




#77
Benzidine
Concen: 2.301 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.259 min
Lab File: BF125544.D
Acq: 21 Sep 2021 19:40

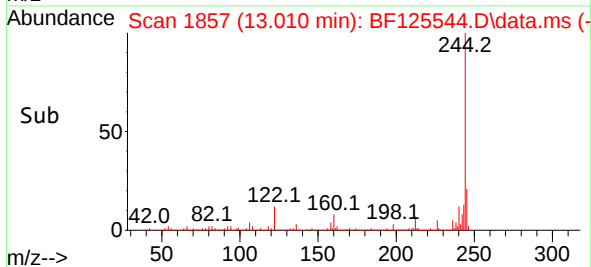
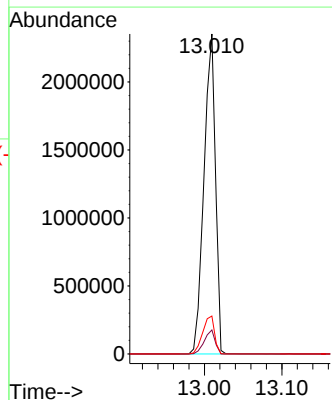
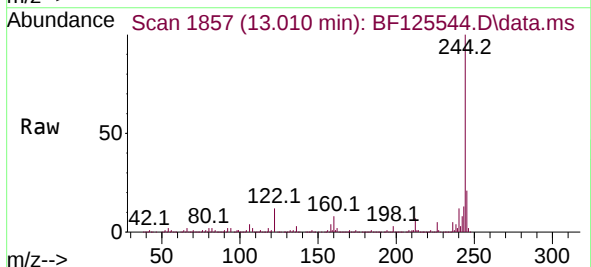
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(1.5)

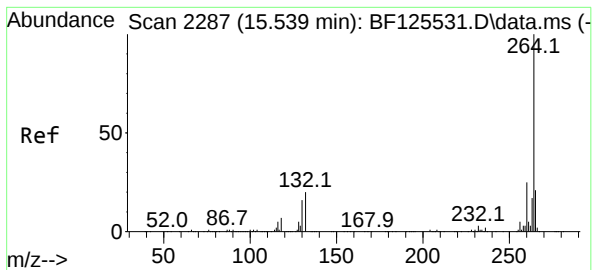
Tgt Ion:184 Resp: 33279
Ion Ratio Lower Upper
184 100
185 16.2 10.8 16.2
183 9.0 8.1 12.1



#79
Terphenyl-d14
Concen: 76.633 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.000 min
Lab File: BF125544.D
Acq: 21 Sep 2021 19:40

Tgt Ion:244 Resp: 2420754
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 11.9 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2286
 Delta R.T. -0.006 min
 Lab File: BF125544.D
 Acq: 21 Sep 2021 19:40

Instrument :
 BNA_F
 ClientSampleId :
 SW-RR-01-(1.5)

Tgt Ion:264	Resp:	422527
Ion Ratio	Lower	Upper
264	100	
260	23.2	19.6 29.4
265	20.5	17.2 25.8

