

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
 Data File : BF125575.D
 Acq On : 22 Sep 2021 23:55
 Operator : JU/CG
 Sample : M3871-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB02-BL

Quant Time: Sep 23 04:51:00 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)

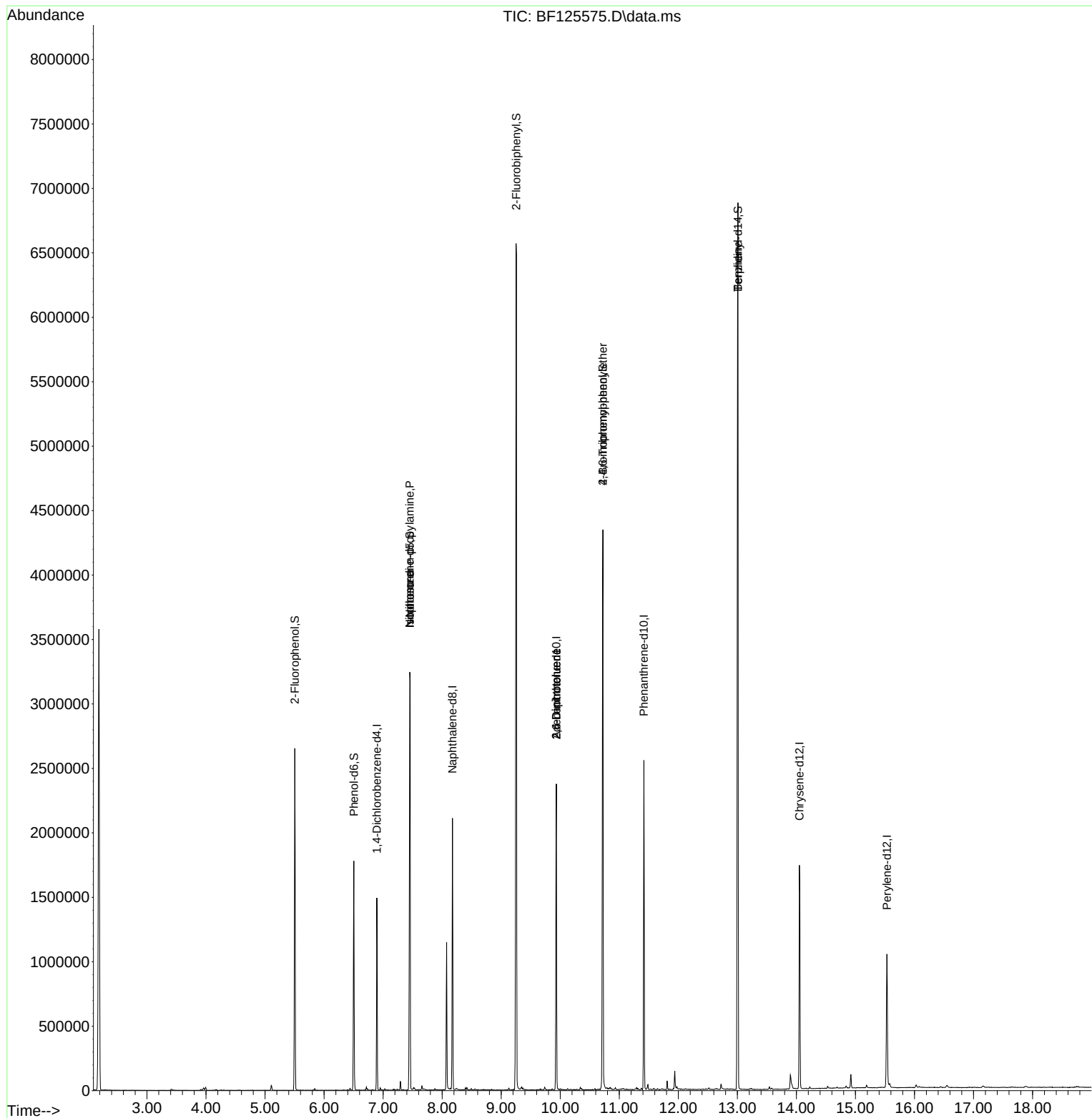
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	213055	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	903253	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	490679	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	852305	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	584916	20.000	ng	-0.01
86) Perylene-d12	15.533	264	460081	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	768239	57.021	ng	0.00
7) Phenol-d6	6.504	99	560273	32.253	ng	-0.02
23) Nitrobenzene-d5	7.451	82	1243472	87.806	ng	-0.01
42) 2,4,6-Tribromophenol	10.721	330	606597	126.216	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2400121	89.098	ng	0.00
79) Terphenyl-d14	13.010	244	2635759	72.767	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.504	77	894	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.451	70	157941	15.191	ng	# 51
25) Isophorone	7.451	82	1239892	40.685	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	60730	9.039	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	60730	7.543	ng	# 19
67) 4-Bromophenyl-phenylether	10.721	248	33301	3.419	ng	# 1
77) Benzidine	13.010	184	35146	2.119	ng	94

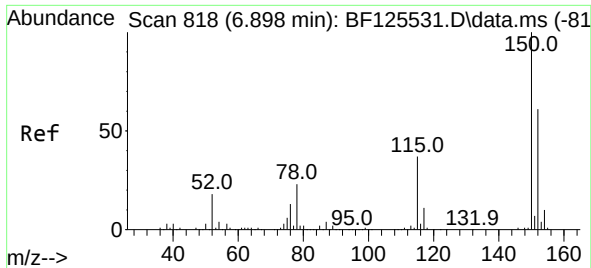
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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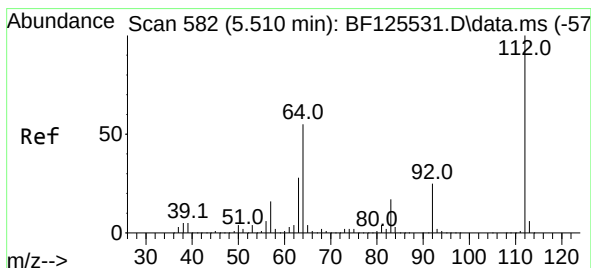
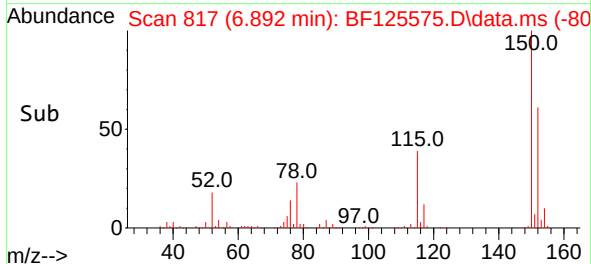
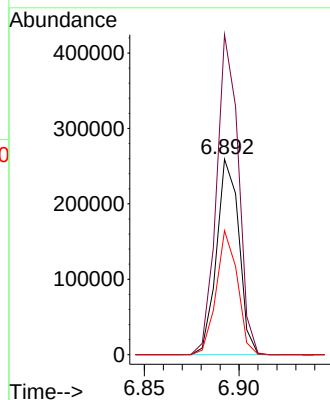
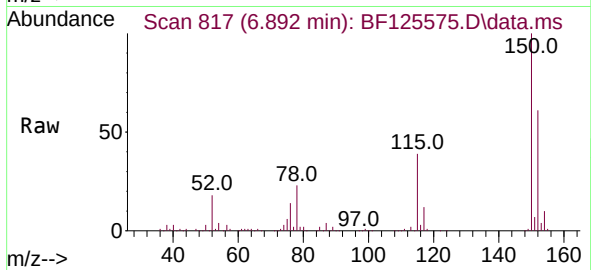




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF125575.D
Acq: 22 Sep 2021 23:55

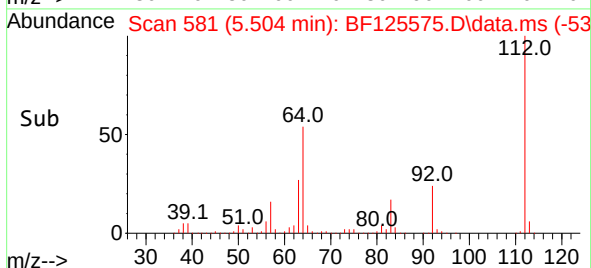
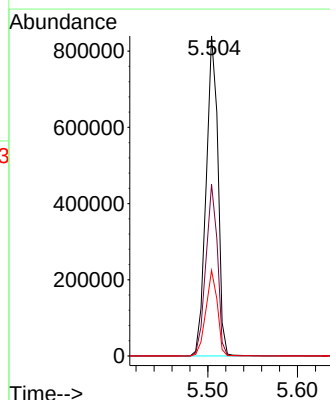
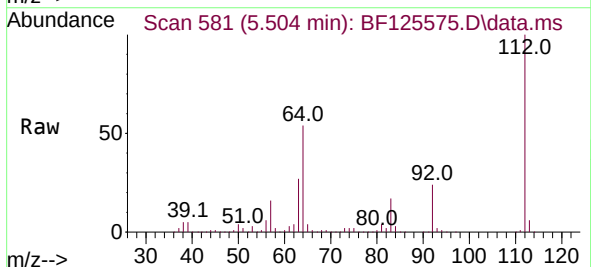
Instrument :
BNA_F
ClientSampleId :
FB02-BL

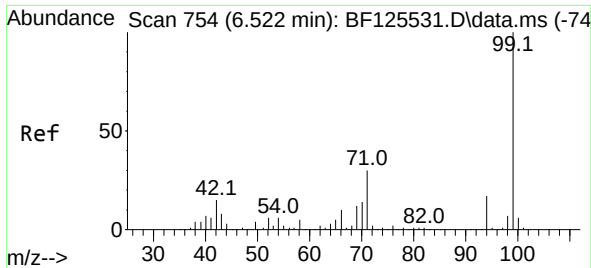
Tgt Ion:152 Resp: 213055
Ion Ratio Lower Upper
152 100
150 163.6 117.6 176.4
115 63.4 47.1 70.7



#5
2-Fluorophenol
Concen: 57.021 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF125575.D
Acq: 22 Sep 2021 23:55

Tgt Ion:112 Resp: 768239
Ion Ratio Lower Upper
112 100
64 53.6 44.2 66.2
63 26.8 26.2 39.2

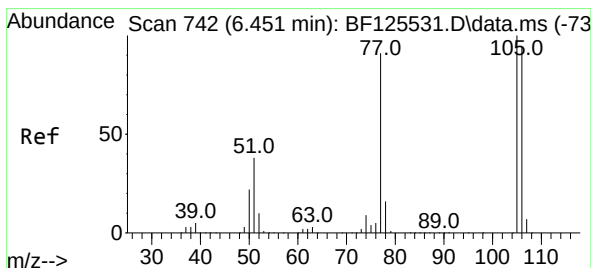
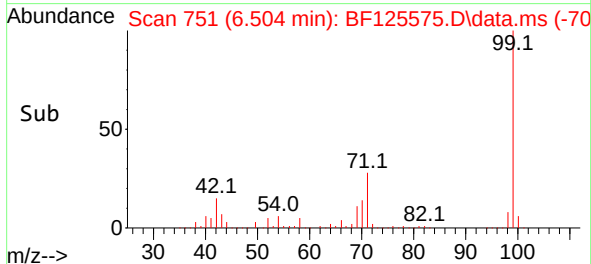
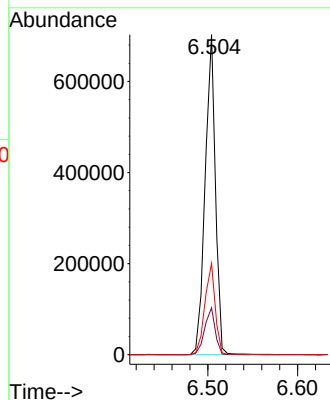
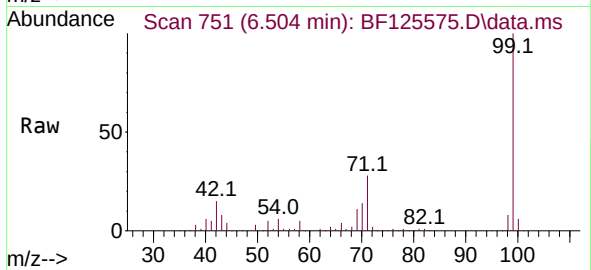




#7
Phenol-d6
Concen: 32.253 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF125575.D
Acq: 22 Sep 2021 23:55

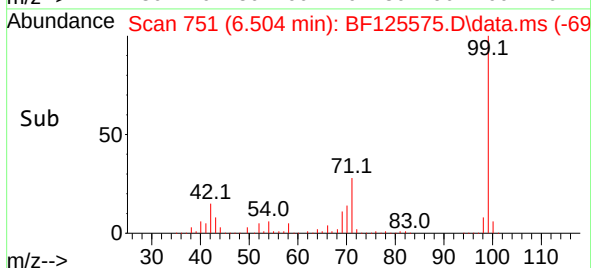
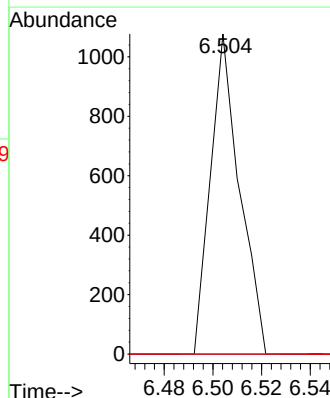
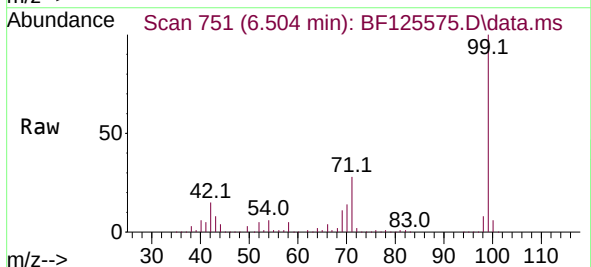
Instrument :
BNA_F
ClientSampleId :
FB02-BL

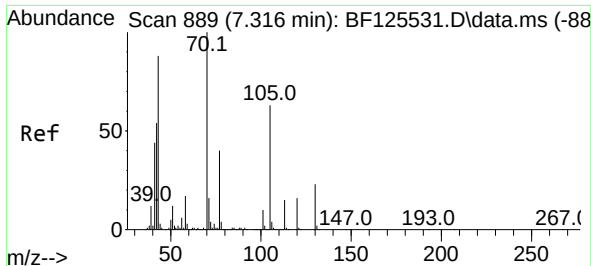
Tgt Ion: 99 Resp: 560273
Ion Ratio Lower Upper
99 100
42 14.6 23.5 35.3#
71 28.5 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. 0.053 min
Lab File: BF125575.D
Acq: 22 Sep 2021 23:55

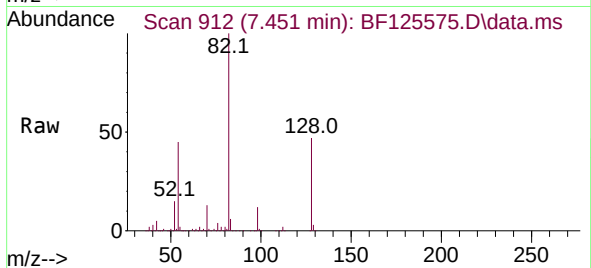
Tgt Ion: 77 Resp: 894
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



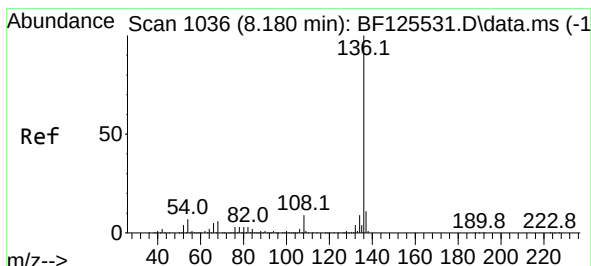
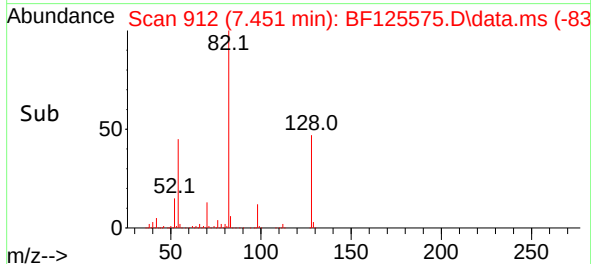
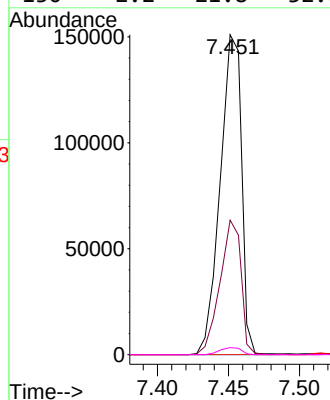


#19
n-Nitroso-di-n-propylamine
Concen: 15.191 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF125575.D
Acq: 22 Sep 2021 23:55

Instrument :
BNA_F
ClientSampleId :
FB02-BL

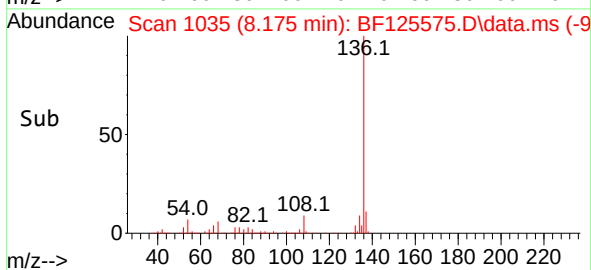
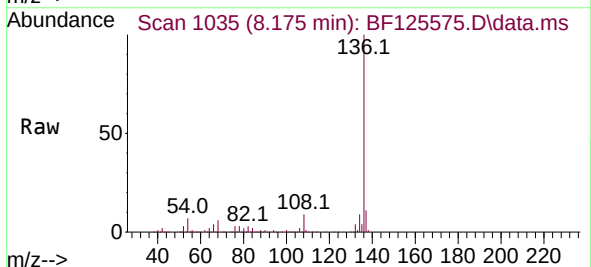
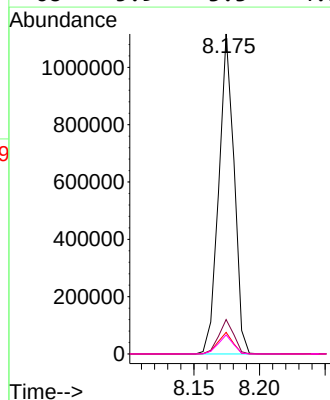


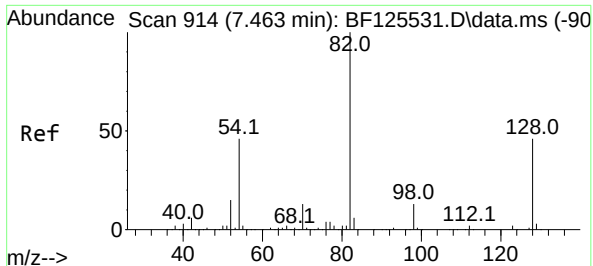
Tgt Ion: 70 Resp: 157941
Ion Ratio Lower Upper
70 100
42 42.1 72.2 108.2#
101 0.0 7.8 11.8#
130 2.2 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125575.D
Acq: 22 Sep 2021 23:55

Tgt Ion: 136 Resp: 903253
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 6.7 6.4 9.6
68 5.9 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 87.806 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF125575.D

Acq: 22 Sep 2021 23:55

Tgt Ion: 82 Resp: 1243472

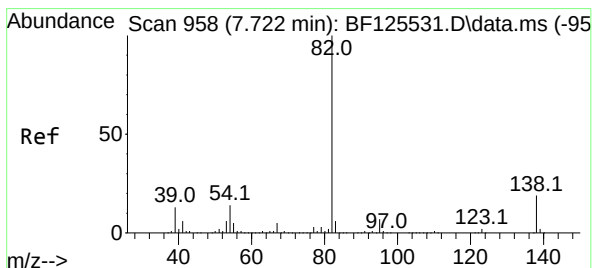
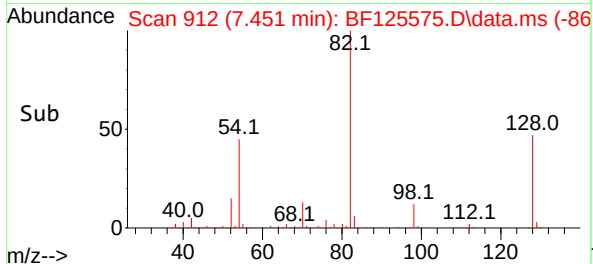
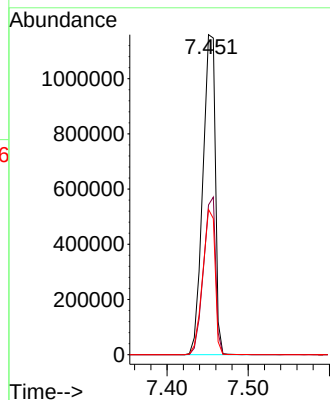
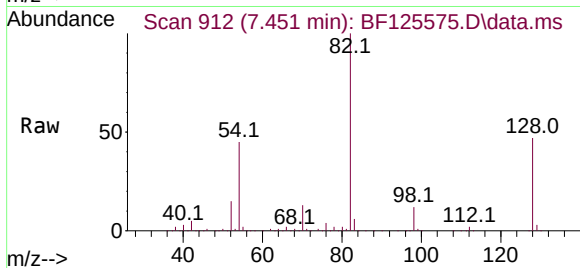
Ion	Ratio	Lower	Upper
82	100		
128	46.8	40.6	60.8
54	45.4	49.6	74.4#

Instrument :

BNA_F

ClientSampleId :

FB02-BL



#25

Isophorone

Concen: 40.685 ng

RT: 7.451 min Scan# 912

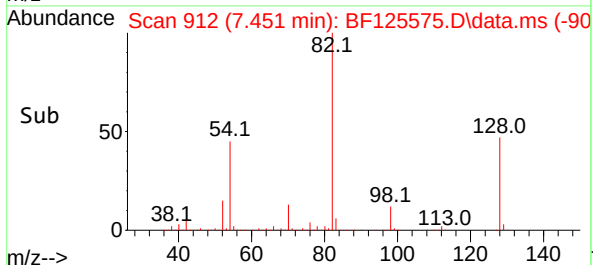
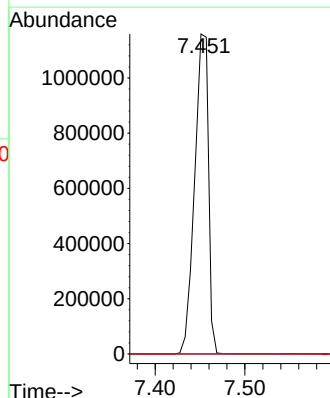
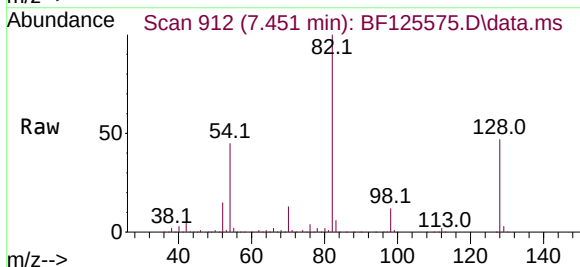
Delta R.T. -0.271 min

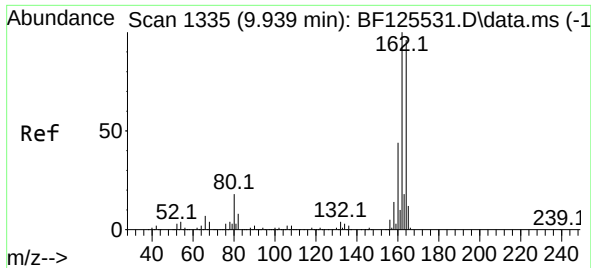
Lab File: BF125575.D

Acq: 22 Sep 2021 23:55

Tgt Ion: 82 Resp: 1239892

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

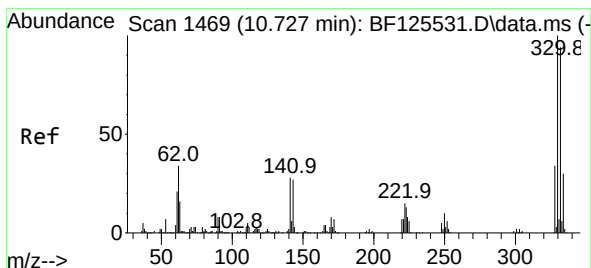
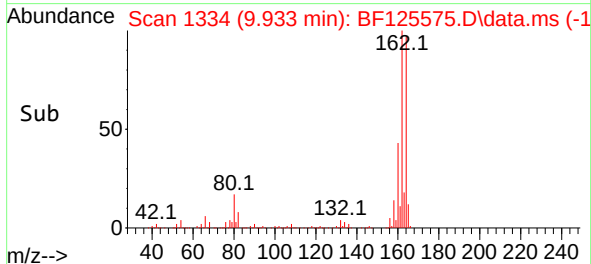
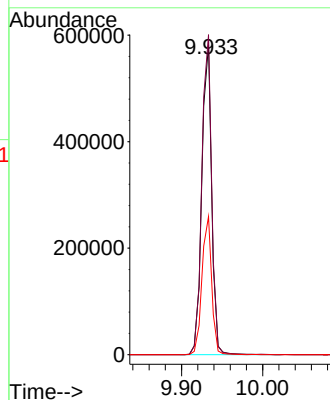
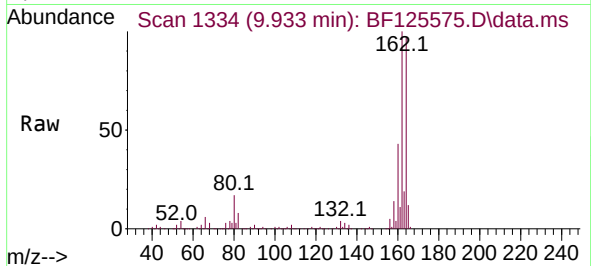




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125575.D
Acq: 22 Sep 2021 23:55

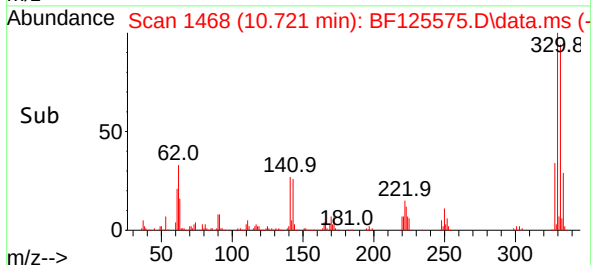
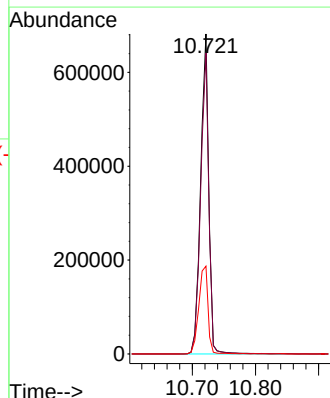
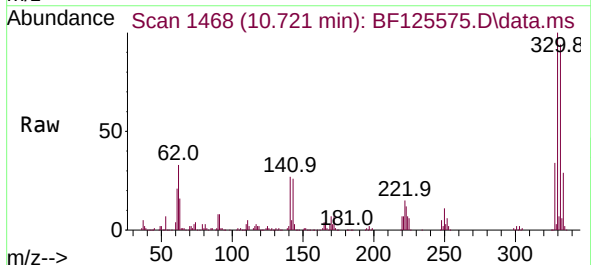
Instrument :
BNA_F
ClientSampleId :
FB02-BL

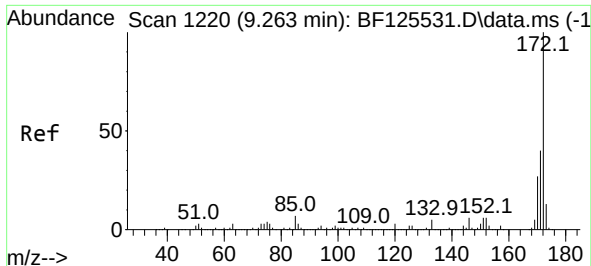
Tgt Ion:164 Resp: 490679
Ion Ratio Lower Upper
164 100
162 103.2 81.3 121.9
160 44.5 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 126.216 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF125575.D
Acq: 22 Sep 2021 23:55

Tgt Ion:330 Resp: 606597
Ion Ratio Lower Upper
330 100
332 94.8 76.2 114.4
141 31.4 44.6 66.8#

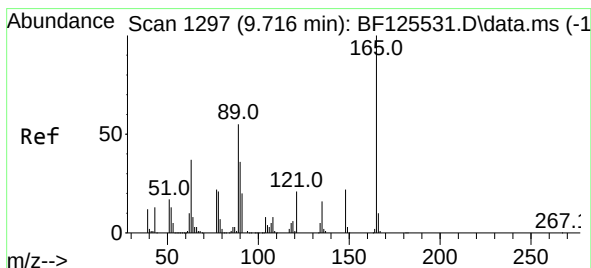
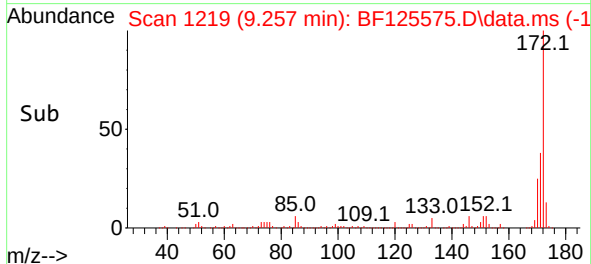
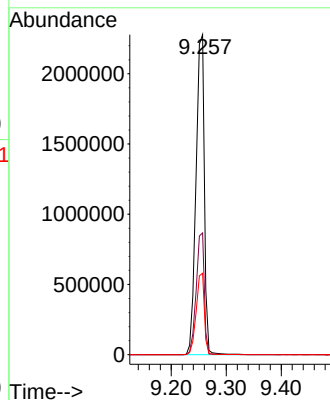
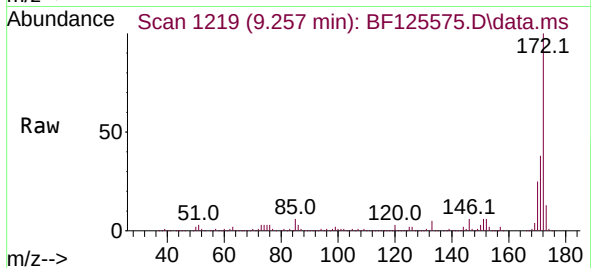




#45
2-Fluorobiphenyl
Concen: 89.098 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF125575.D
Acq: 22 Sep 2021 23:55

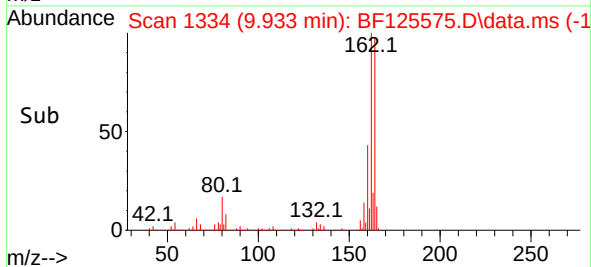
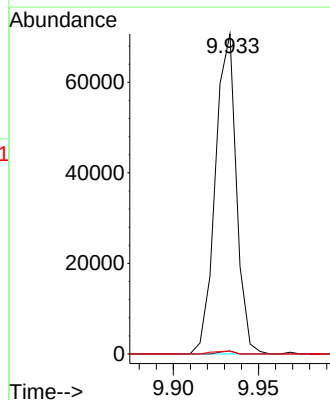
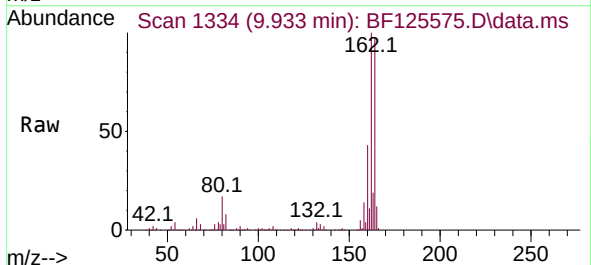
Instrument :
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FB02-BL

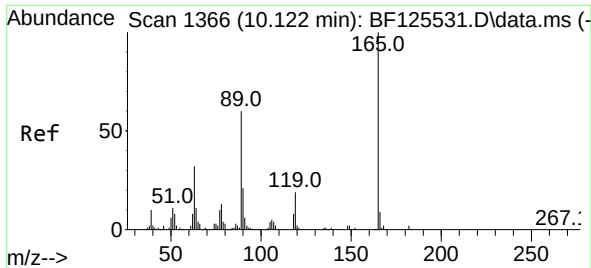
Tgt Ion:172 Resp: 2400121
Ion Ratio Lower Upper
172 100
171 38.0 26.5 39.7
170 25.5 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.039 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF125575.D
Acq: 22 Sep 2021 23:55

Tgt Ion:165 Resp: 60730
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 1.0 40.6 60.8#

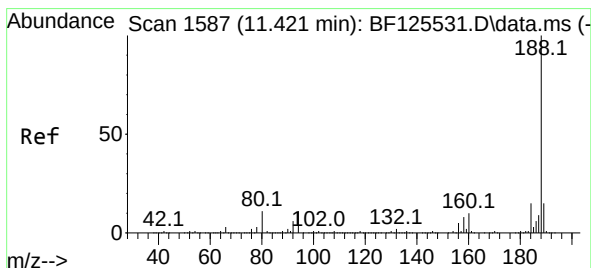
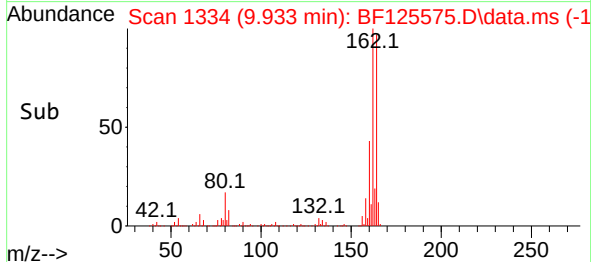
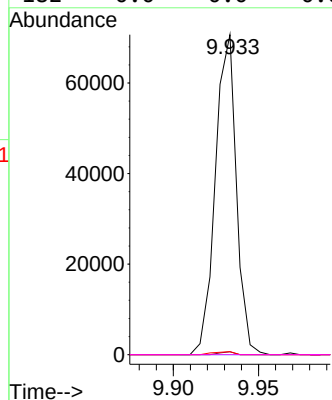
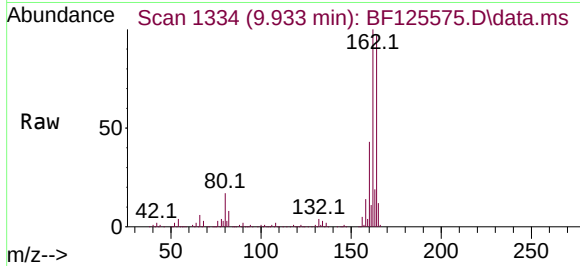




#57
2,4-Dinitrotoluene
Concen: 7.543 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF125575.D
Acq: 22 Sep 2021 23:55

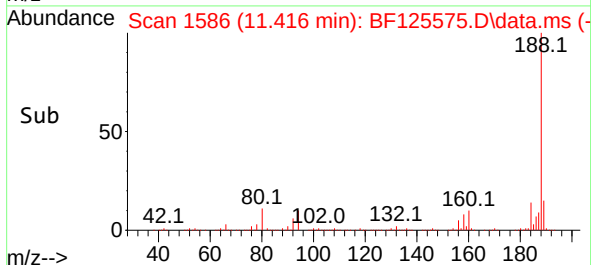
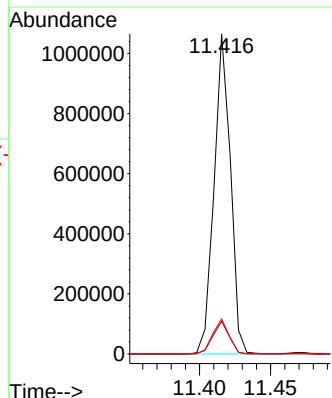
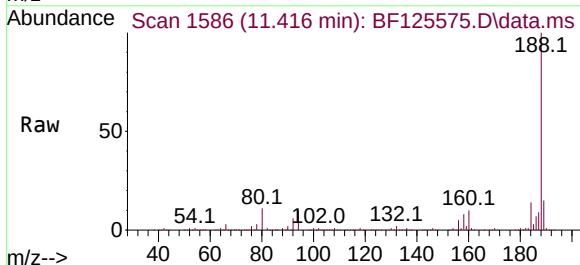
Instrument :
BNA_F
ClientSampleId :
FB02-BL

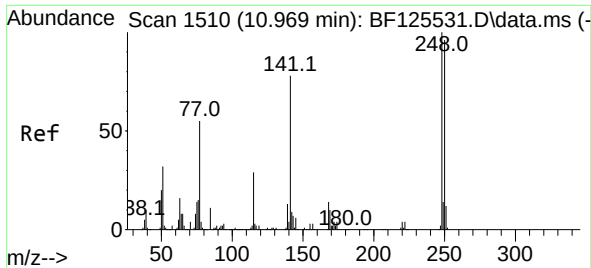
Tgt Ion:165	Resp:	60730
Ion Ratio	Lower	Upper
165	100	
63	0.9	40.9 61.3#
89	1.0	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125575.D
Acq: 22 Sep 2021 23:55

Tgt Ion:188	Resp:	852305
Ion Ratio	Lower	Upper
188	100	
94	10.2	6.7 10.1#
80	11.0	7.5 11.3

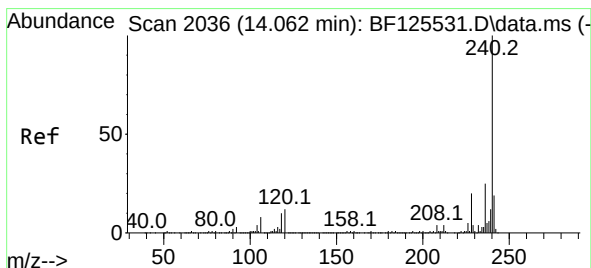
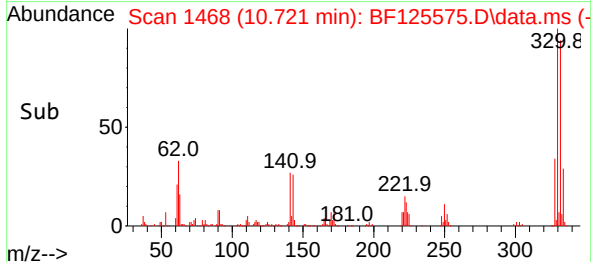
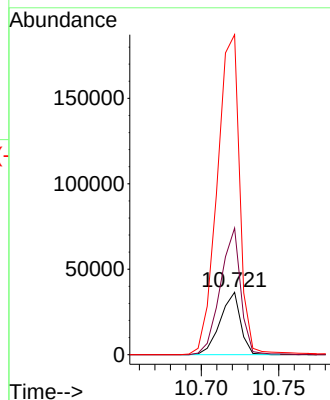
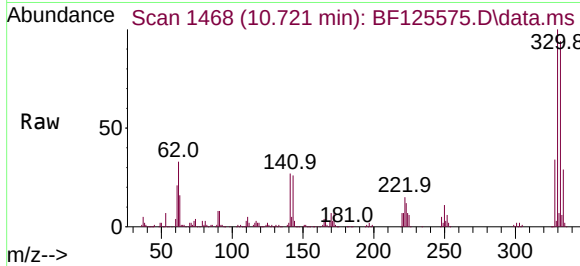




#67
4-Bromophenyl-phenylether
Concen: 3.419 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF125575.D
Acq: 22 Sep 2021 23:55

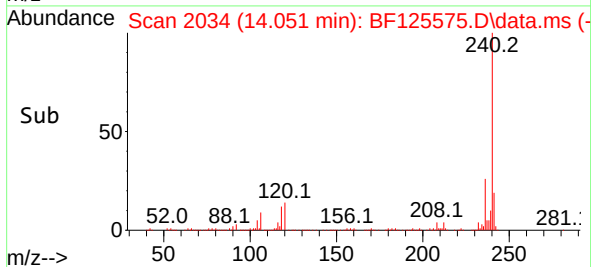
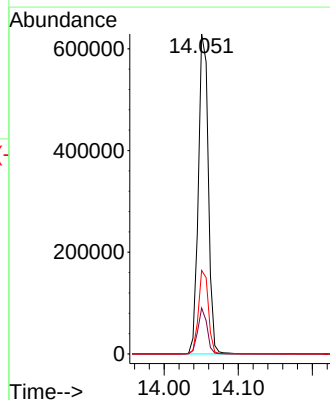
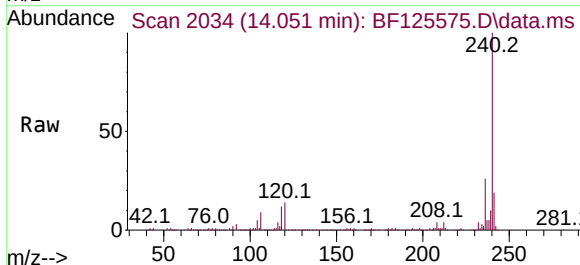
Instrument :
BNA_F
ClientSampleId :
FB02-BL

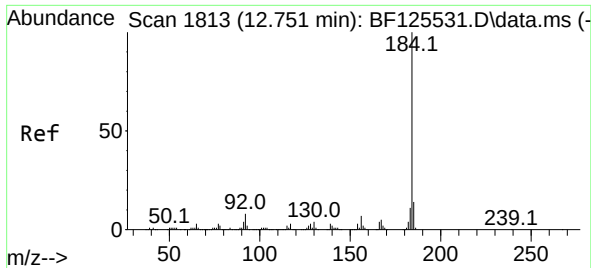
Tgt Ion:248 Resp: 33301
Ion Ratio Lower Upper
248 100
250 202.7 74.2 111.4#
141 512.9 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF125575.D
Acq: 22 Sep 2021 23:55

Tgt Ion:240 Resp: 584916
Ion Ratio Lower Upper
240 100
120 14.4 10.8 16.2
236 26.1 21.6 32.4

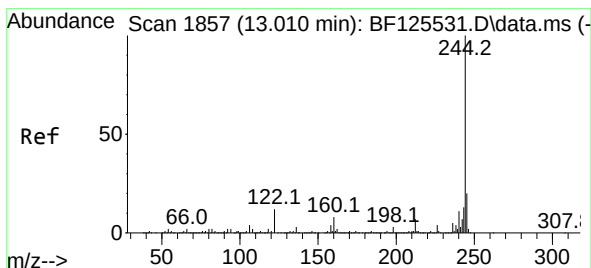
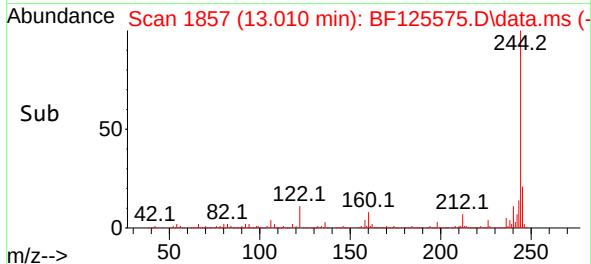
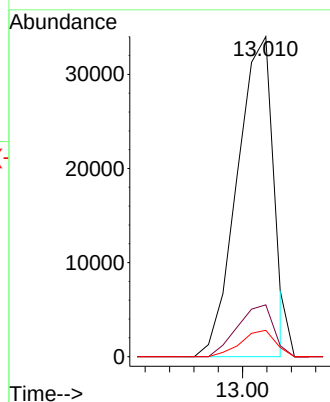
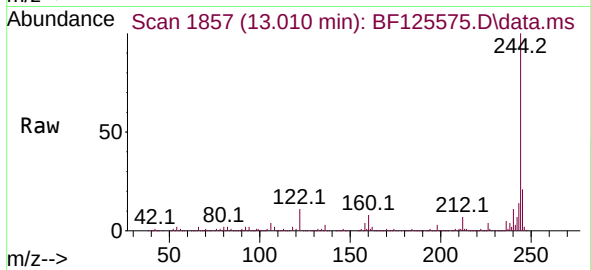




#77
Benzidine
Concen: 2.119 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.259 min
Lab File: BF125575.D
Acq: 22 Sep 2021 23:55

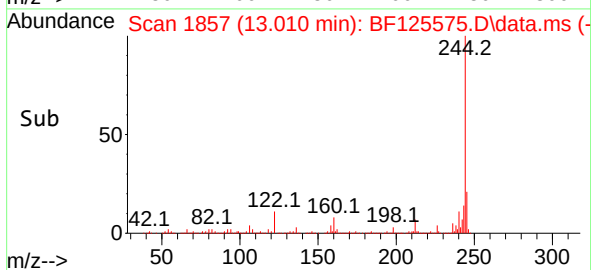
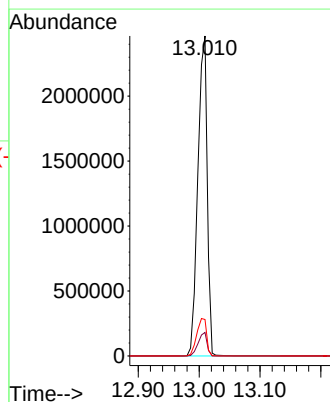
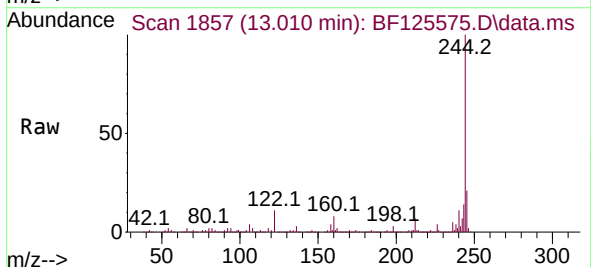
Instrument :
BNA_F
ClientSampleId :
FB02-BL

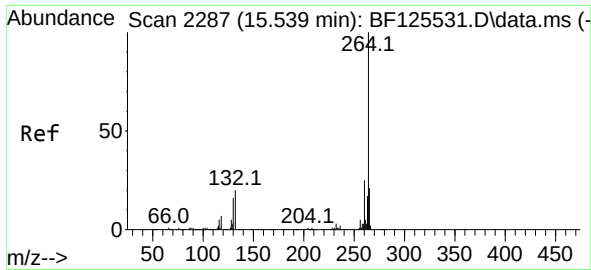
Tgt Ion:184 Resp: 35146
Ion Ratio Lower Upper
184 100
185 16.2 10.8 16.2
183 8.3 8.1 12.1



#79
Terphenyl-d14
Concen: 72.767 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.000 min
Lab File: BF125575.D
Acq: 22 Sep 2021 23:55

Tgt Ion:244 Resp: 2635759
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 11.4 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: BF125575.D
Acq: 22 Sep 2021 23:55

Instrument :
BNA_F
ClientSampleId :
FB02-BL

Tgt Ion:264	Resp: 460081
Ion Ratio	Lower Upper
264	100
260	22.9 19.6 29.4
265	20.6 17.2 25.8

