

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092421\
 Data File : BF125628.D
 Acq On : 24 Sep 2021 19:13
 Operator : JU/CG
 Sample : M3911-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 25 03:00:39 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)

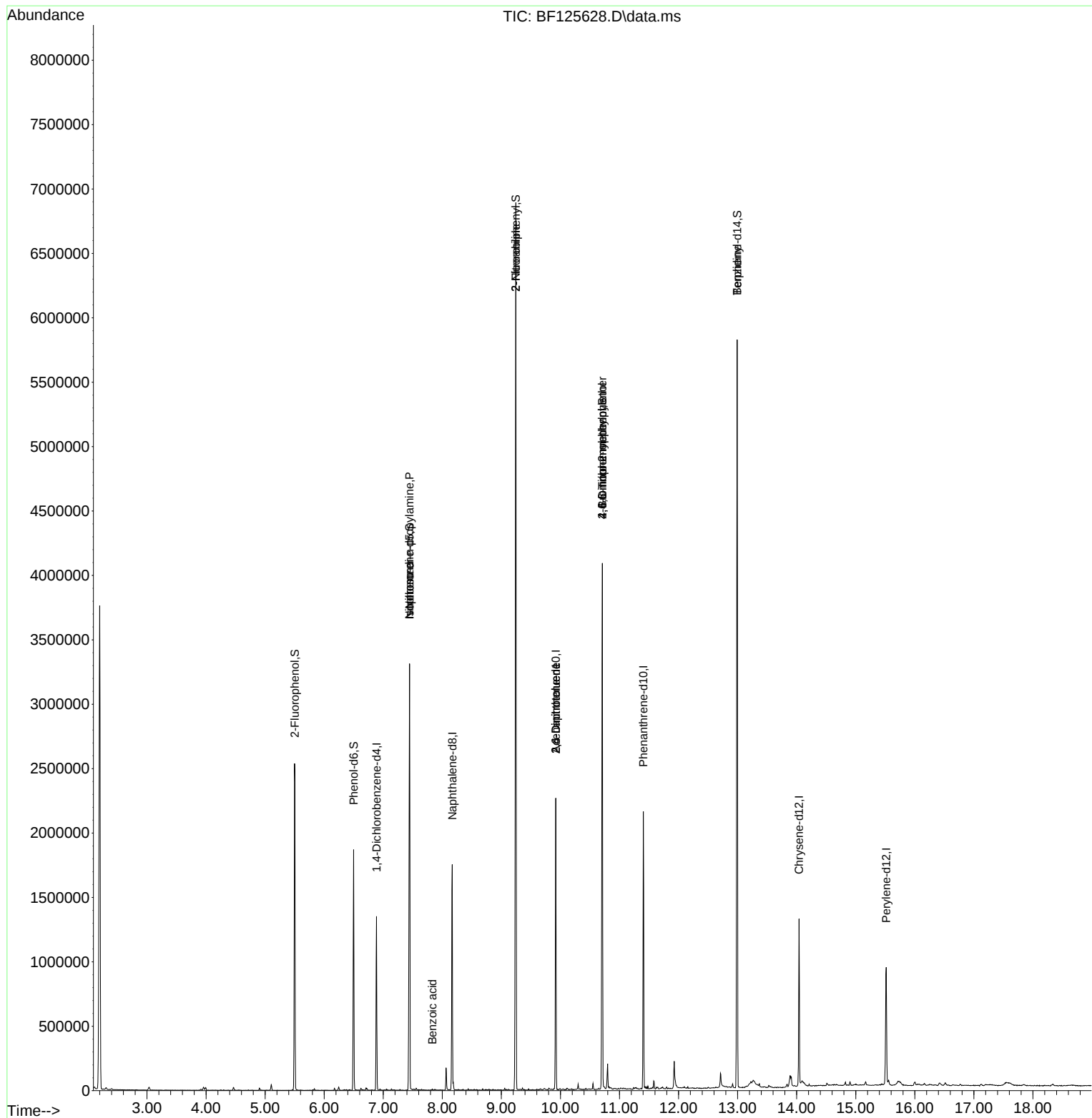
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	201471	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	828382	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	435731	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	745713	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	399430	20.000	ng	0.00
86) Perylene-d12	15.515	264	410112	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	797132	65.187	ng	0.00
7) Phenol-d6	6.498	99	615053	37.412	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1200248	101.062	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	535194	131.736	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2247281	94.104	ng	0.00
79) Terphenyl-d14	12.992	244	2100682	91.077	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.434	77	362	Below Cal	#	69
19) n-Nitroso-di-n-propyla...	7.445	70	151280	16.162	ng	# 51
25) Isophorone	7.445	82	1197709	45.031	ng	# 59
32) Benzoic acid	7.834	122	257	8.652	ng	# 83
48) 2-Nitroaniline	9.245	65	3365	4.647	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	56152	12.701	ng	# 28
57) 2,4-Dinitrotoluene	9.922	165	56152	11.578	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.710	198	1190	9.279	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	30214	3.861	ng	# 1
77) Benzidine	12.992	184	27254	2.597	ng	# 90

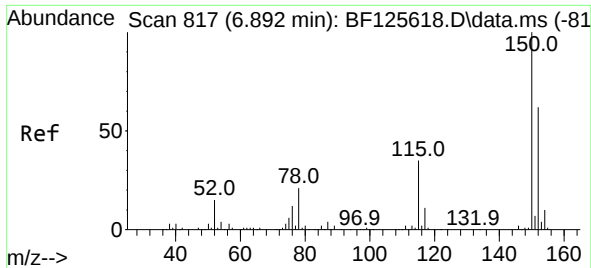
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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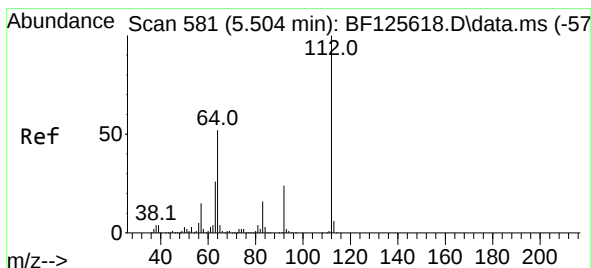
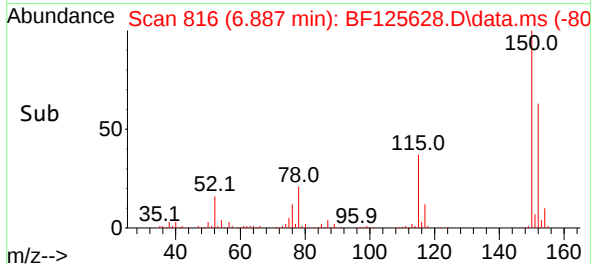
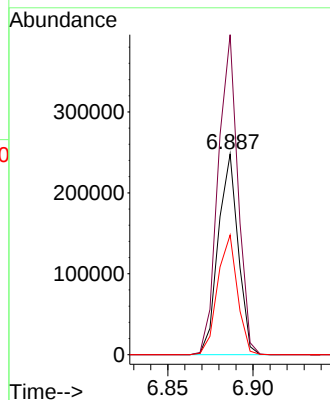
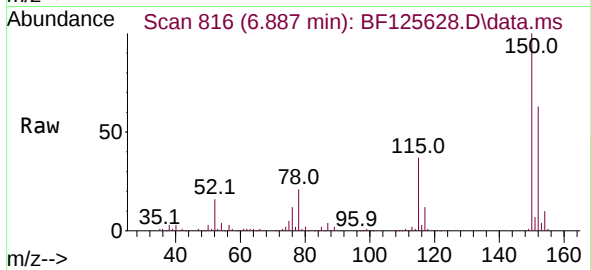




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125628.D
Acq: 24 Sep 2021 19:13

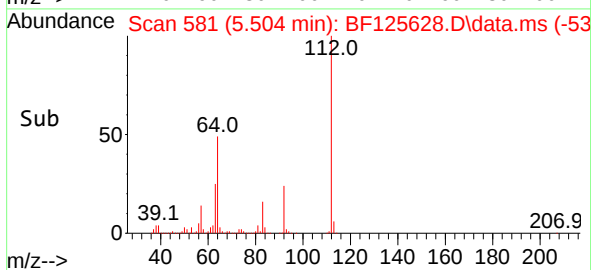
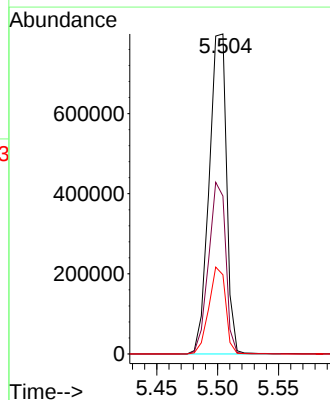
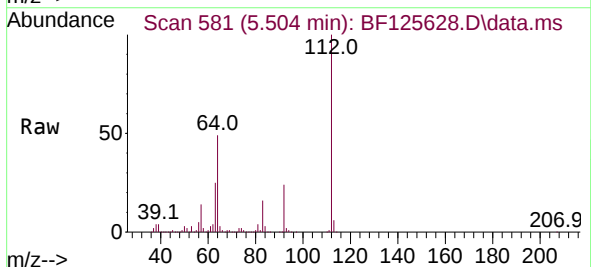
Instrument :
BNA_F
ClientSampleId :

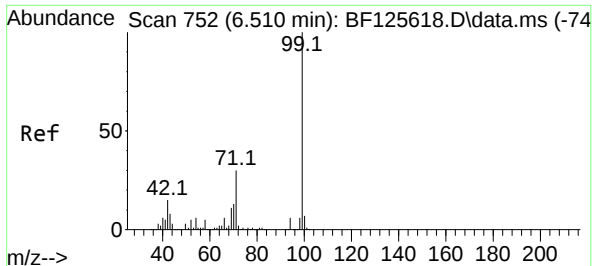
Tgt Ion:152 Resp: 201471
Ion Ratio Lower Upper
152 100
150 159.5 117.6 176.4
115 59.6 47.1 70.7



#5
2-Fluorophenol
Concen: 65.187 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF125628.D
Acq: 24 Sep 2021 19:13

Tgt Ion:112 Resp: 797132
Ion Ratio Lower Upper
112 100
64 49.3 44.2 66.2
63 24.8 26.2 39.2#

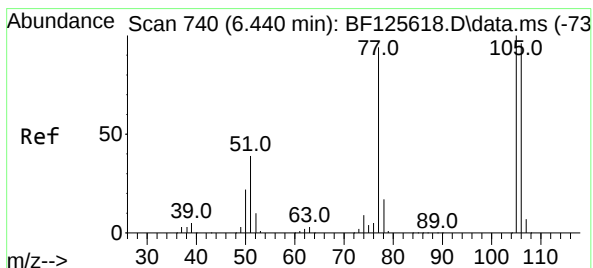
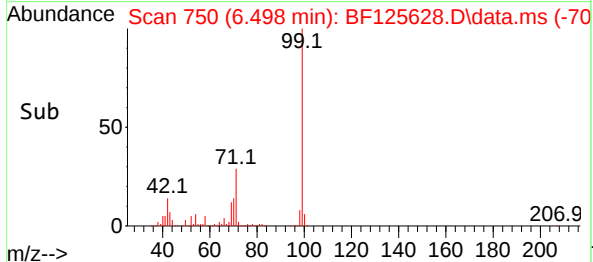
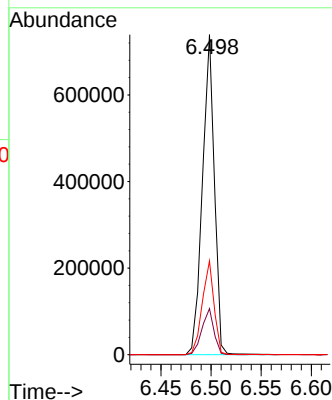
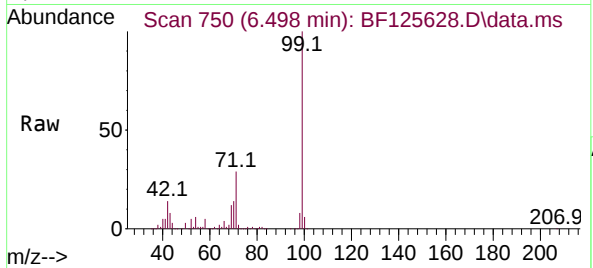




#7
Phenol-d6
Concen: 37.412 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF125628.D
Acq: 24 Sep 2021 19:13

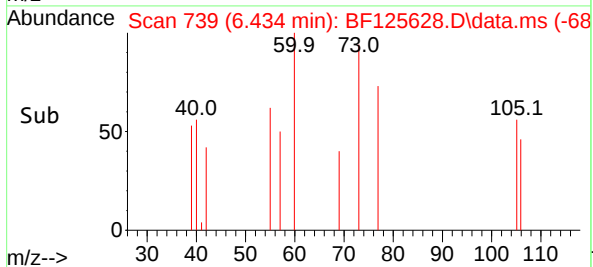
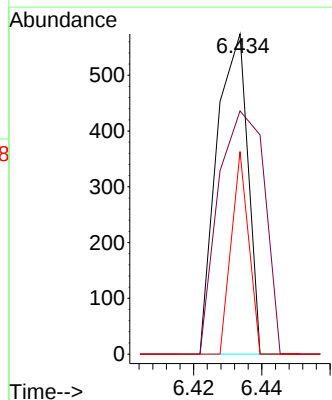
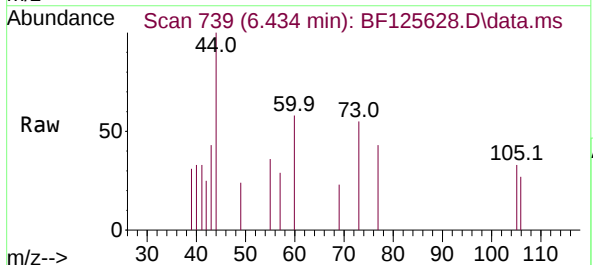
Instrument :
BNA_F
ClientSampleId :

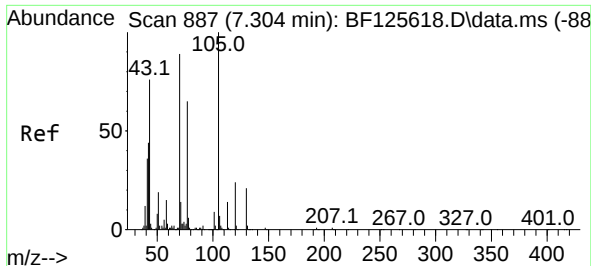
Tgt Ion: 99 Resp: 615053
Ion Ratio Lower Upper
99 100
42 14.4 23.5 35.3#
71 29.3 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF125628.D
Acq: 24 Sep 2021 19:13

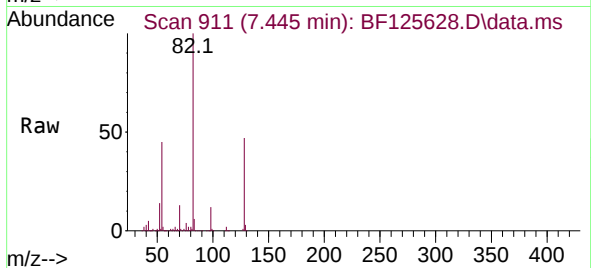
Tgt Ion: 77 Resp: 362
Ion Ratio Lower Upper
77 100
105 76.0 75.9 115.9
106 63.2 84.0 124.0#



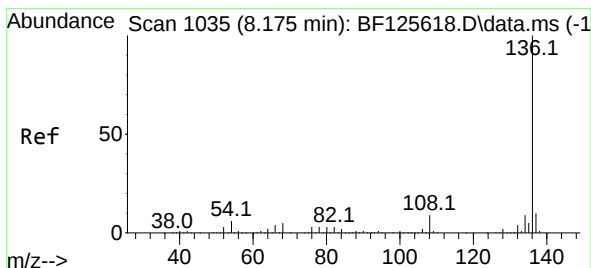
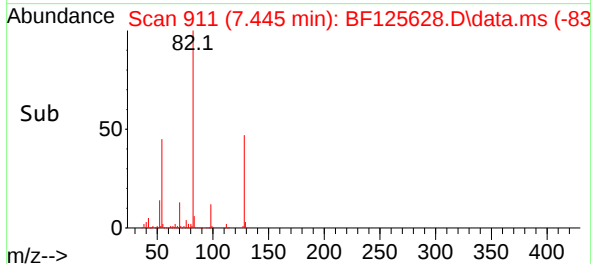
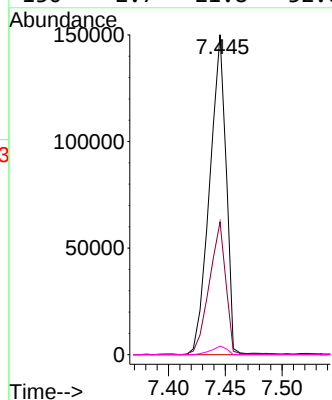


#19
n-Nitroso-di-n-propylamine
Concen: 16.162 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125628.D
Acq: 24 Sep 2021 19:13

Instrument :
BNA_F
ClientSampleId :

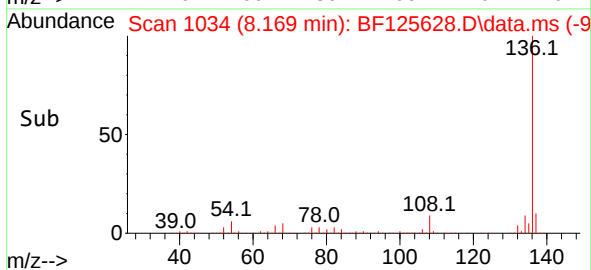
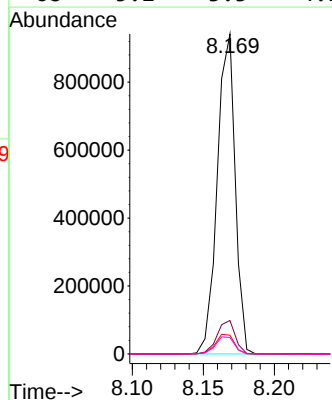
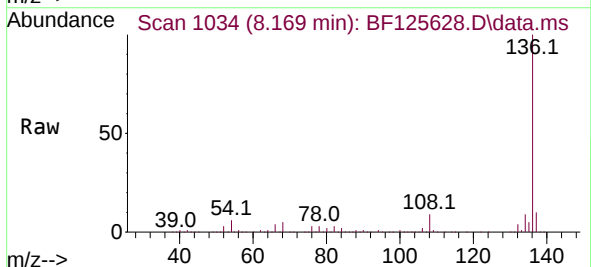


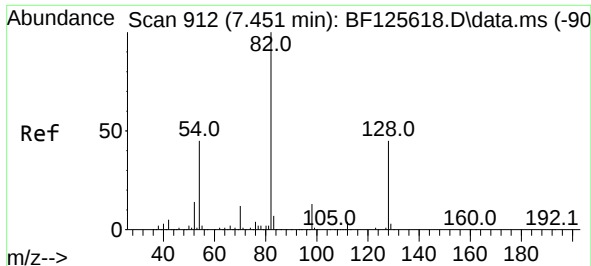
Tgt Ion: 70 Resp: 151280
Ion Ratio Lower Upper
70 100
42 41.5 72.2 108.2#
101 0.0 7.8 11.8#
130 2.7 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125628.D
Acq: 24 Sep 2021 19:13

Tgt Ion: 136 Resp: 828382
Ion Ratio Lower Upper
136 100
137 10.4 9.8 14.6
54 5.9 6.4 9.6#
68 5.2 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 101.062 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125628.D

Acq: 24 Sep 2021 19:13

Instrument :

BNA_F

ClientSampleId :

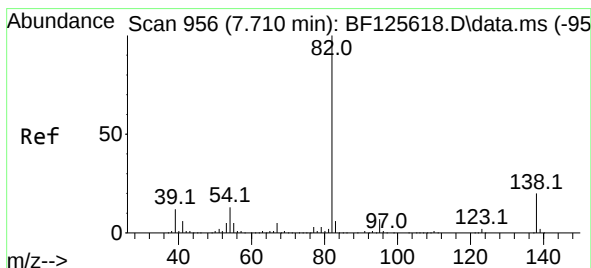
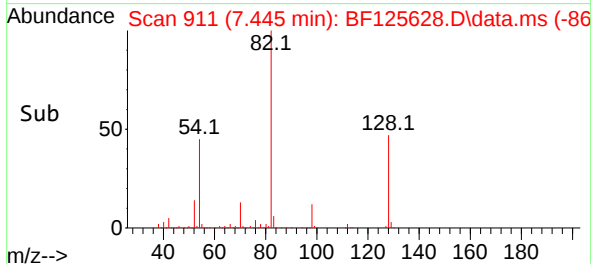
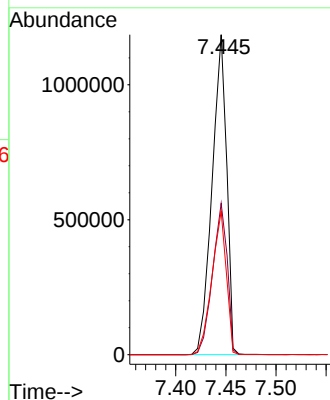
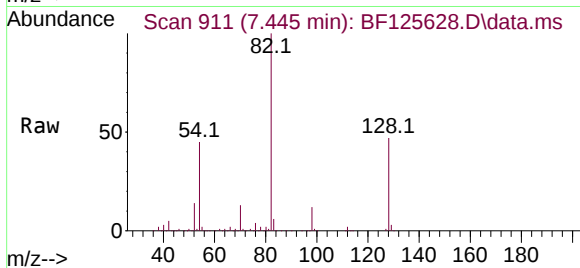
Tgt Ion: 82 Resp: 1200248

Ion Ratio Lower Upper

82 100

128 47.3 40.6 60.8

54 44.8 49.6 74.4#



#25

Isophorone

Concen: 45.031 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.265 min

Lab File: BF125628.D

Acq: 24 Sep 2021 19:13

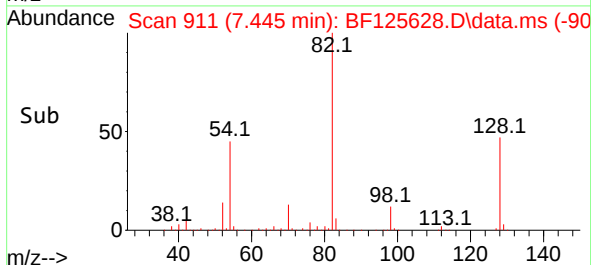
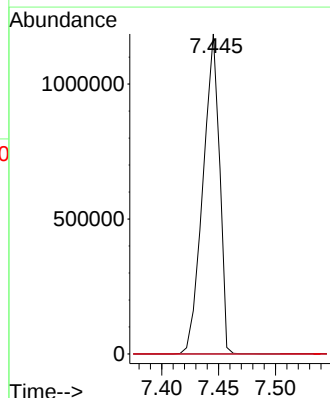
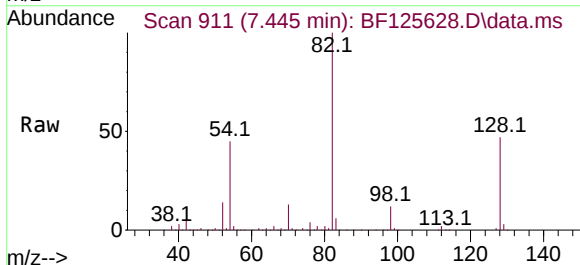
Tgt Ion: 82 Resp: 1197709

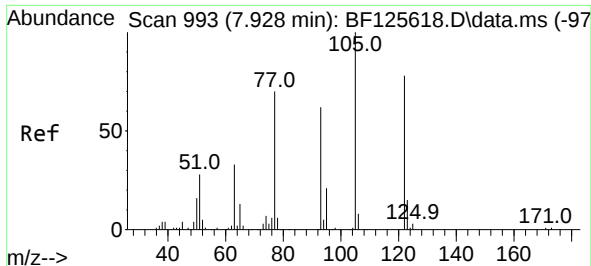
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

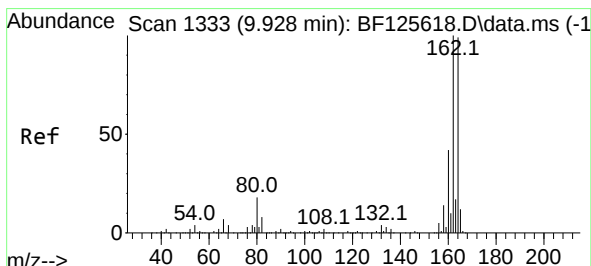
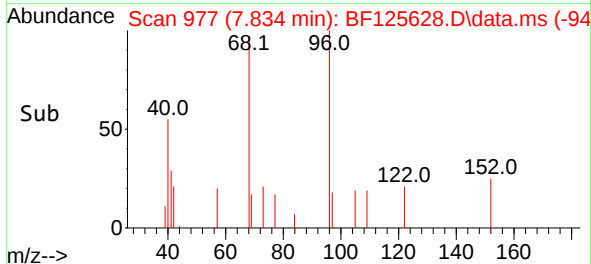
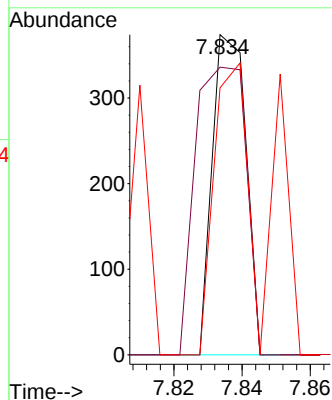
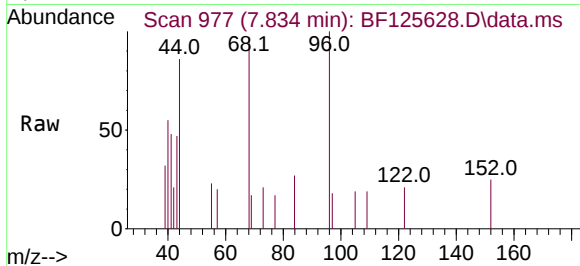




#32
Benzoic acid
Concen: 8.652 ng
RT: 7.834 min Scan# 977
Delta R.T. -0.094 min
Lab File: BF125628.D
Acq: 24 Sep 2021 19:13

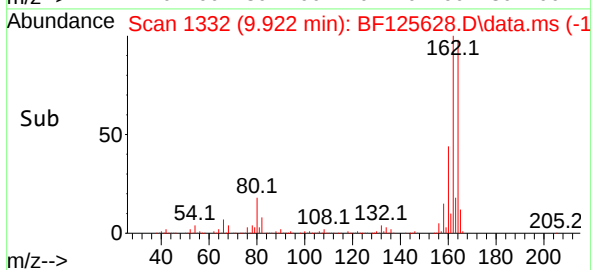
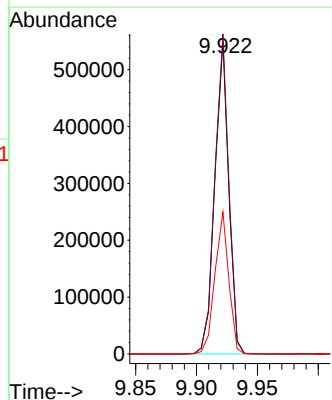
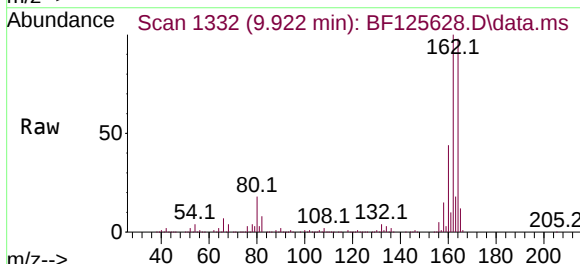
Instrument :
BNA_F
ClientSampleId :

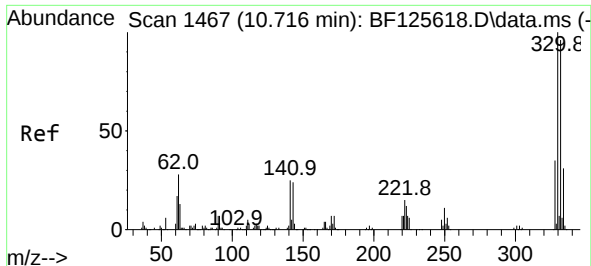
Tgt Ion:122 Resp: 257
Ion Ratio Lower Upper
122 100
105 89.8 97.6 137.6#
77 83.4 59.6 99.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125628.D
Acq: 24 Sep 2021 19:13

Tgt Ion:164 Resp: 435731
Ion Ratio Lower Upper
164 100
162 102.3 81.3 121.9
160 45.4 38.0 57.0

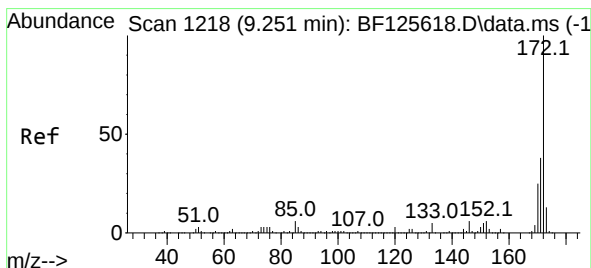
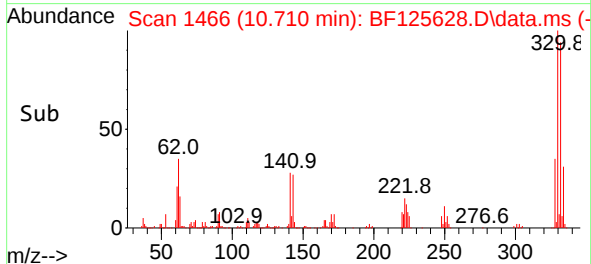
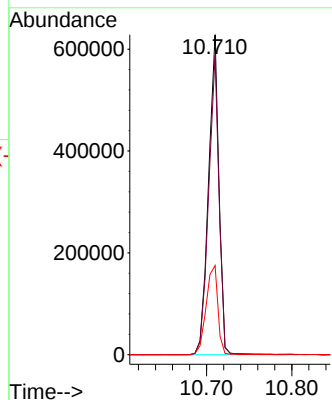
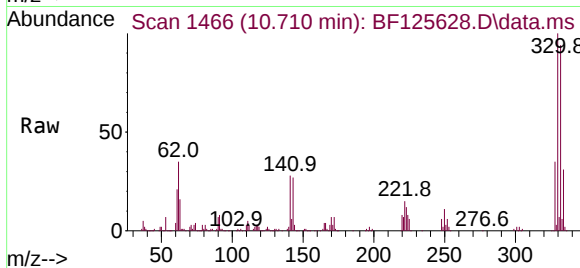




#42
2,4,6-Tribromophenol
Concen: 131.736 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125628.D
Acq: 24 Sep 2021 19:13

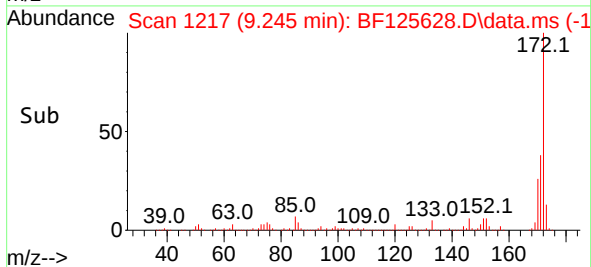
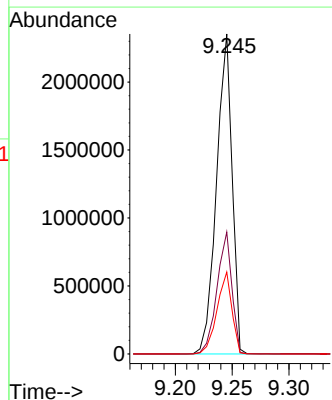
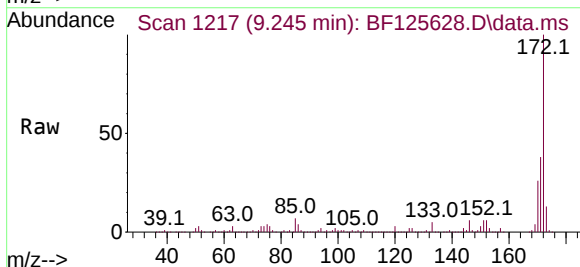
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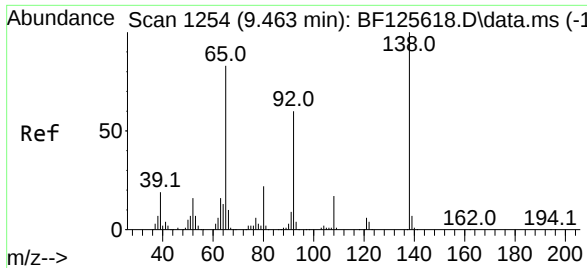
Tgt Ion: 330 Resp: 535194
Ion Ratio Lower Upper
330 100
332 94.0 76.2 114.4
141 31.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 94.104 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125628.D
Acq: 24 Sep 2021 19:13

Tgt Ion: 172 Resp: 2247281
Ion Ratio Lower Upper
172 100
171 38.1 26.5 39.7
170 25.6 18.8 28.2

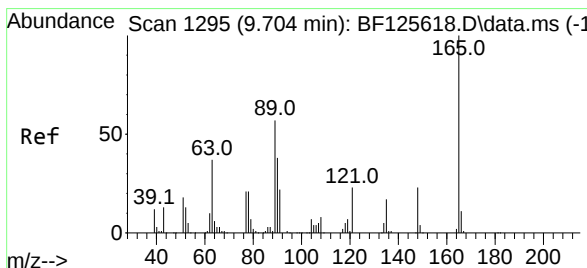
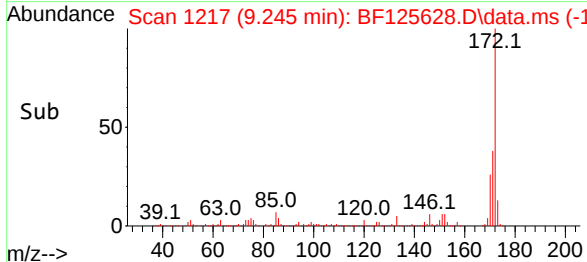
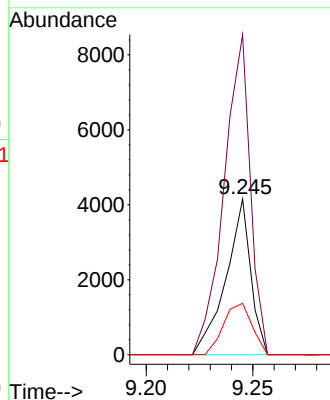
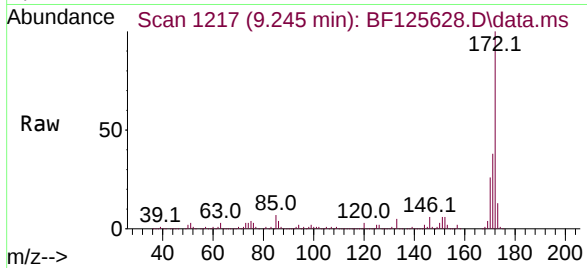




#48
2-Nitroaniline
Concen: 4.647 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.218 min
Lab File: BF125628.D
Acq: 24 Sep 2021 19:13

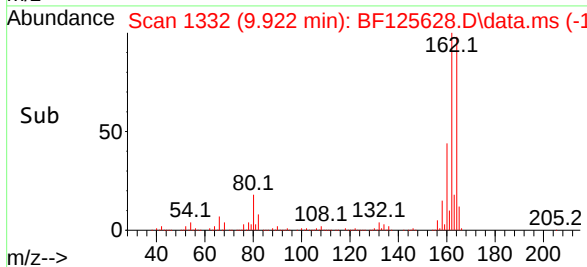
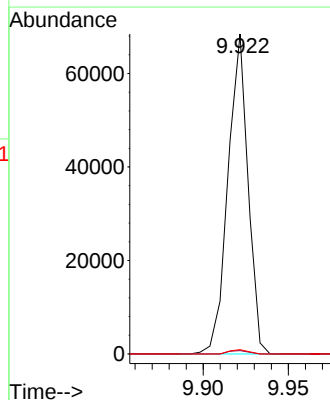
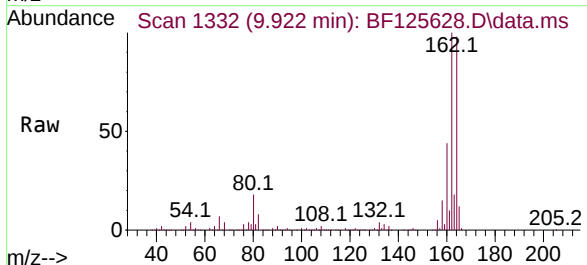
Instrument :
BNA_F
ClientSampled :

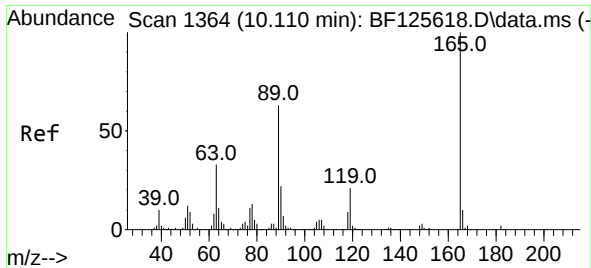
Tgt Ion: 65 Resp: 3365
Ion Ratio Lower Upper
65 100
92 205.6 55.5 83.3#
138 33.0 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 12.701 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125628.D
Acq: 24 Sep 2021 19:13

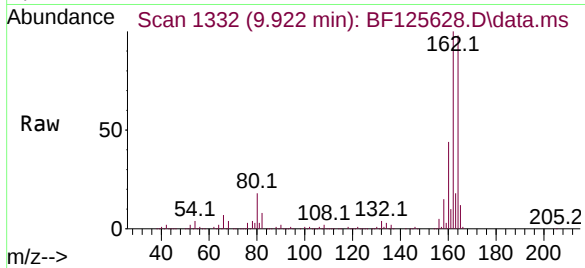
Tgt Ion: 165 Resp: 56152
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.4 40.6 60.8#



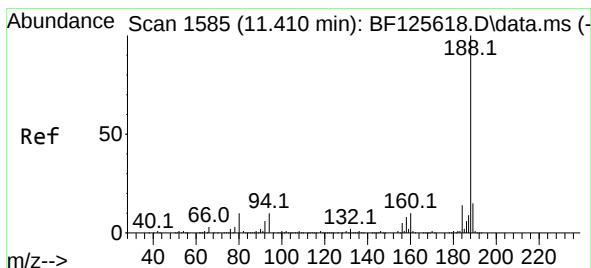
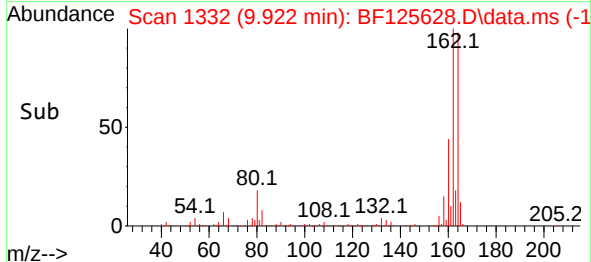
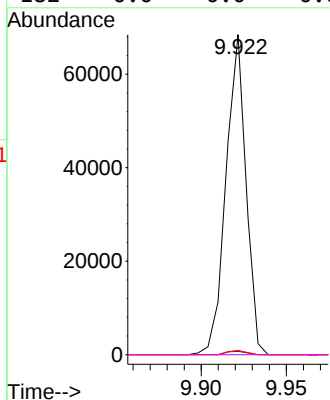


#57
2,4-Dinitrotoluene
Concen: 11.578 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125628.D
Acq: 24 Sep 2021 19:13

Instrument :
BNA_F
ClientSampleId :

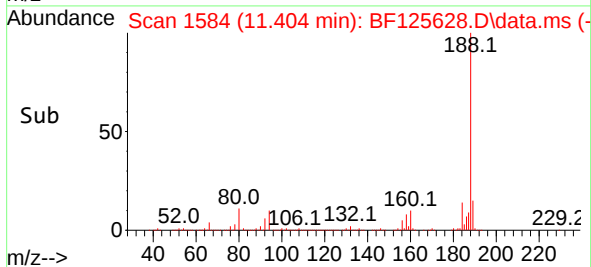
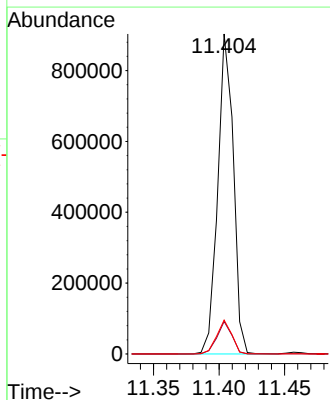
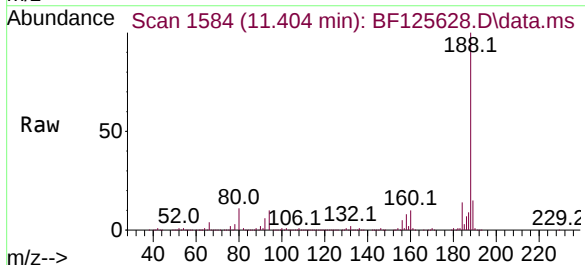


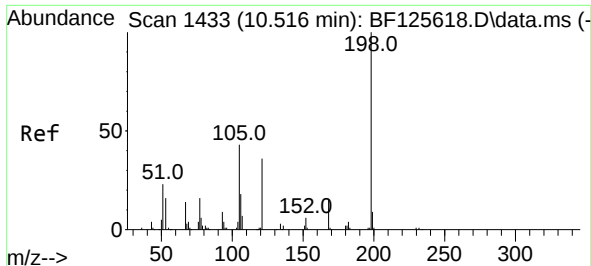
Tgt Ion:165 Resp: 56152
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.4 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125628.D
Acq: 24 Sep 2021 19:13

Tgt Ion:188 Resp: 745713
Ion Ratio Lower Upper
188 100
94 10.2 6.7 10.1#
80 10.6 7.5 11.3

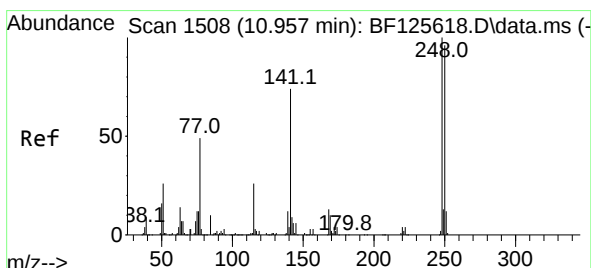
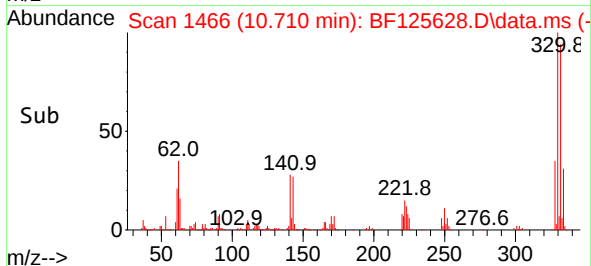
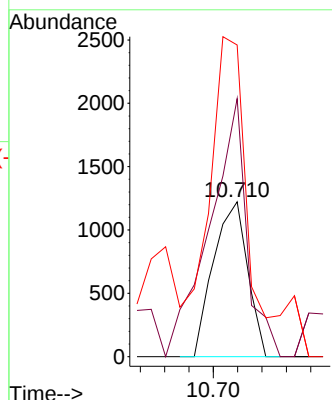
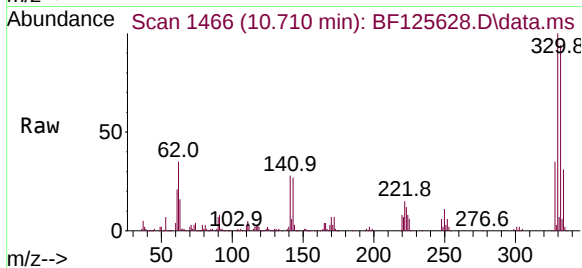




#65
4,6-Dinitro-2-methylphenol
Concen: 9.279 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125628.D
Acq: 24 Sep 2021 19:13

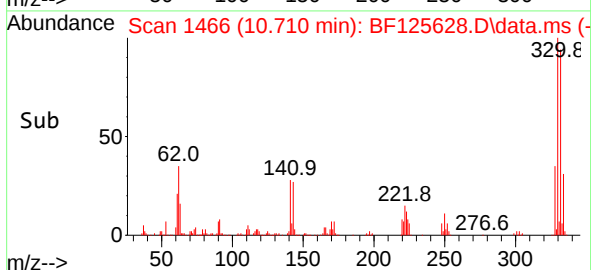
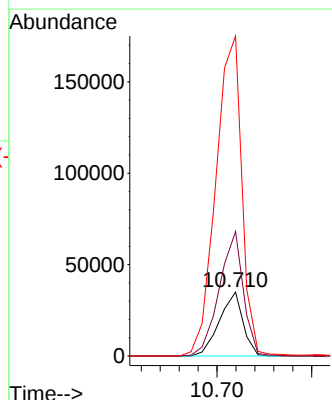
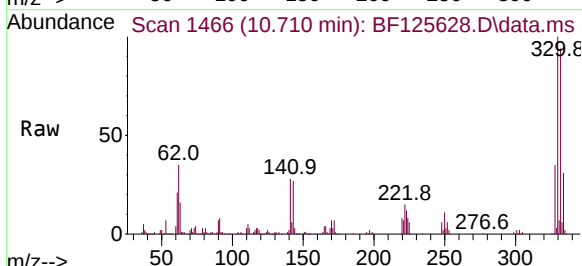
Instrument :
BNA_F
ClientSampled :

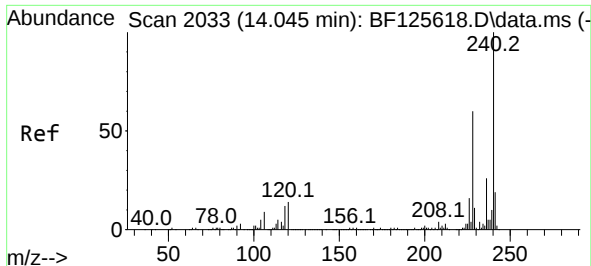
Tgt Ion:198 Resp: 1190
Ion Ratio Lower Upper
198 100
51 166.6 45.3 85.3#
105 201.1 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.861 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125628.D
Acq: 24 Sep 2021 19:13

Tgt Ion:248 Resp: 30214
Ion Ratio Lower Upper
248 100
250 195.1 74.2 111.4#
141 501.4 60.4 90.6#

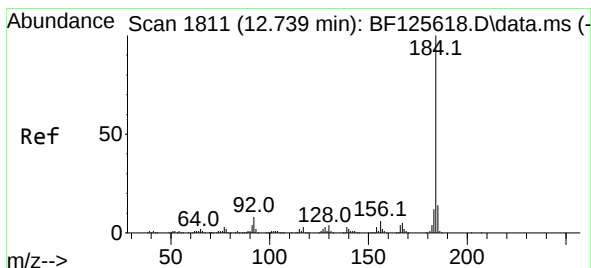
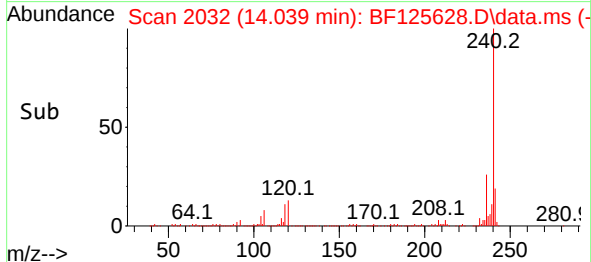
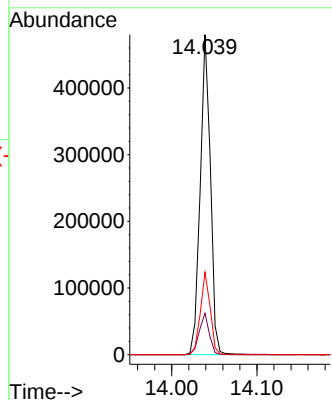
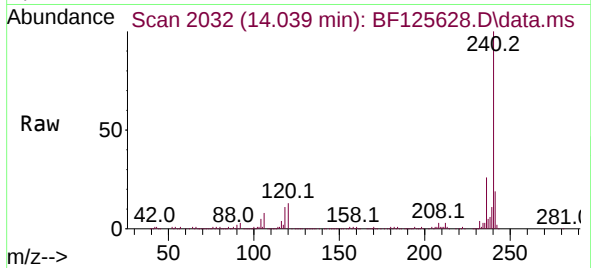




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125628.D
Acq: 24 Sep 2021 19:13

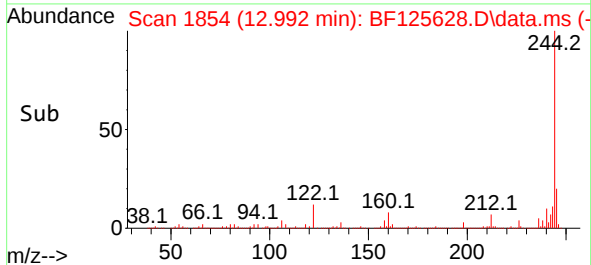
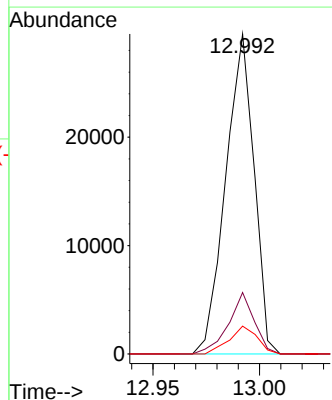
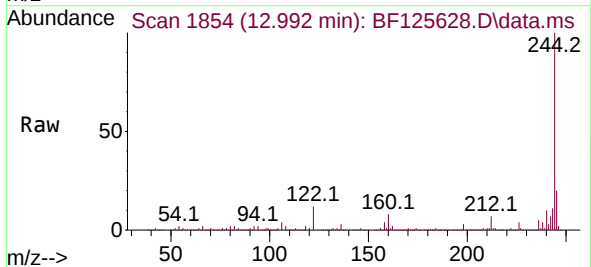
Instrument :
BNA_F
ClientSampleId :

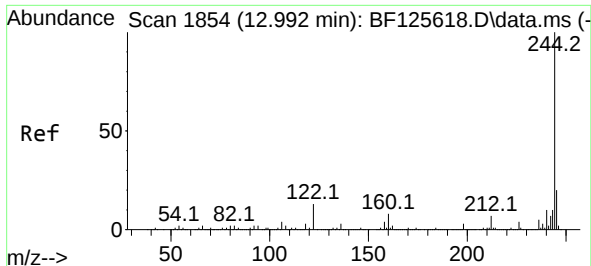
Tgt Ion:240 Resp: 399430
Ion Ratio Lower Upper
240 100
120 13.0 10.8 16.2
236 25.8 21.6 32.4



#77
Benzidine
Concen: 2.597 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF125628.D
Acq: 24 Sep 2021 19:13

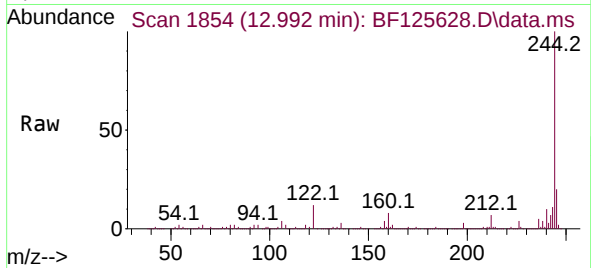
Tgt Ion:184 Resp: 27254
Ion Ratio Lower Upper
184 100
185 19.2 10.8 16.2#
183 8.7 8.1 12.1



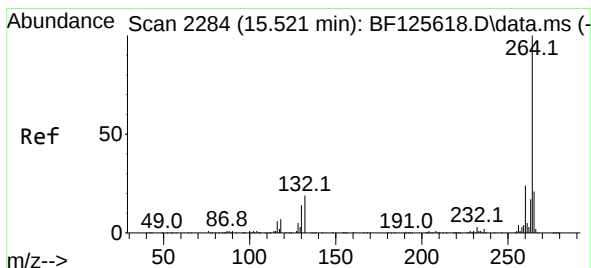
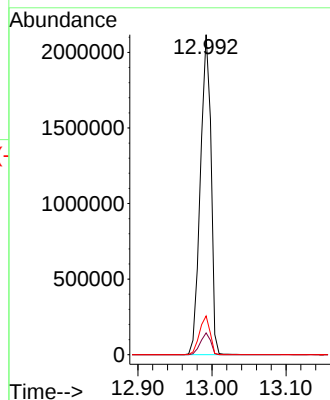
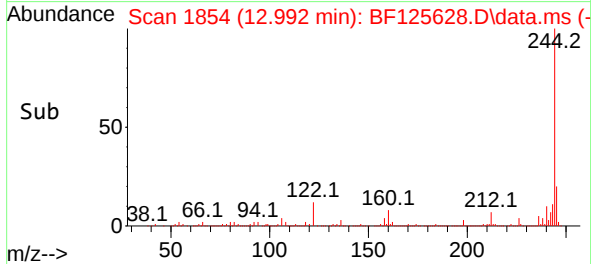


#79
 Terphenyl-d14
 Concen: 91.077 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF125628.D
 Acq: 24 Sep 2021 19:13

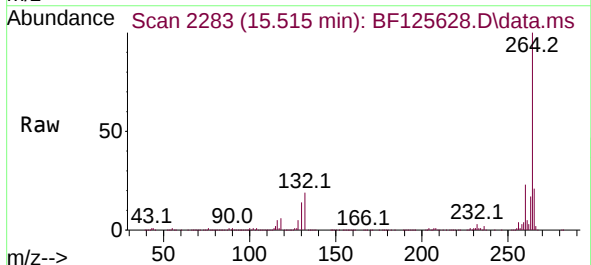
Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 2100682
 Ion Ratio Lower Upper
 244 100
 212 6.8 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: BF125628.D
 Acq: 24 Sep 2021 19:13



Tgt Ion:264 Resp: 410112
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.6 29.4
 265 21.1 17.2 25.8

