

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060122\
 Data File : BF128622.D
 Acq On : 01 Jun 2022 13:50
 Operator : CG\JU
 Sample : N3099-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220417-COMPOSITE-F

Quant Time: Jun 02 04:36:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

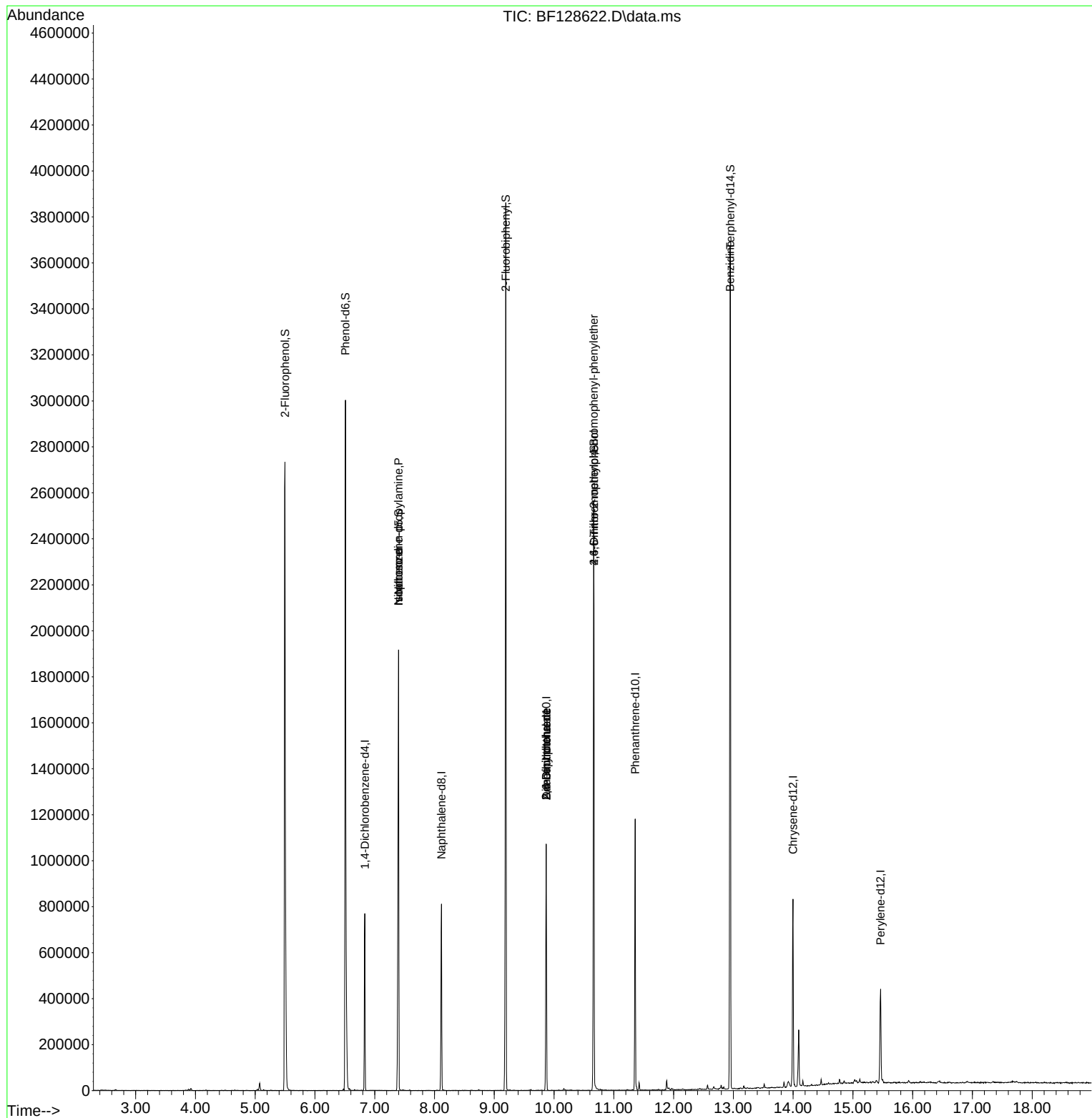
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	102819	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	351140	20.000	ng	#-0.01
39) Acenaphthene-d10	9.869	164	204174	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	395112	20.000	ng	#-0.01
76) Chrysene-d12	13.998	240	270595	20.000	ng	#-0.01
86) Perylene-d12	15.463	264	187872	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	782326	126.032	ng	0.05
7) Phenol-d6	6.510	99	972507	122.875	ng	0.04
23) Nitrobenzene-d5	7.398	82	635115	104.342	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	306867	157.903	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1135493	90.353	ng	-0.01
79) Terphenyl-d14	12.951	244	1334213	95.258	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.375	77	67	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.398	70	89364	18.415	ng	# 75
25) Isophorone	7.398	82	632489	56.328	ng	# 65
50) Dimethylphthalate	9.869	163	37010	2.794	ng	# 1
51) 2,6-Dinitrotoluene	9.869	165	26054	10.734	ng	# 26
57) 2,4-Dinitrotoluene	9.869	165	26054	8.972	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.669	198	787	5.884	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	19966	4.891	ng	# 1
77) Benzidine	12.945	184	19748	3.164	ng	# 91

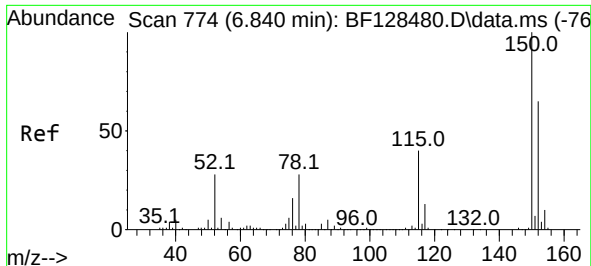
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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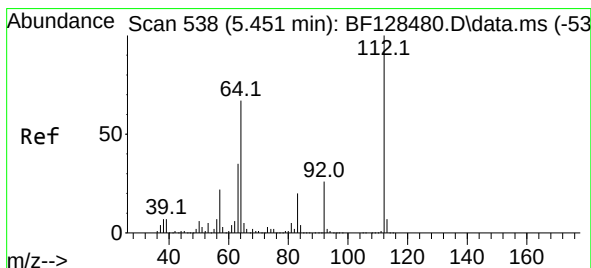
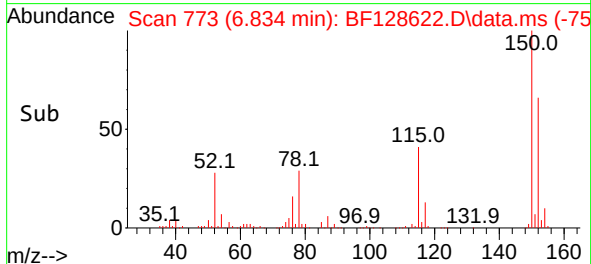
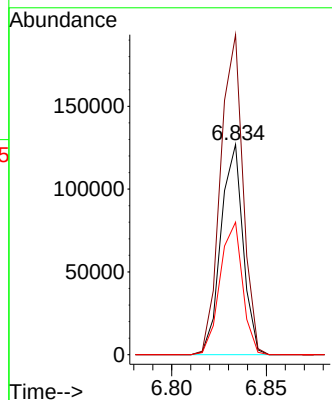
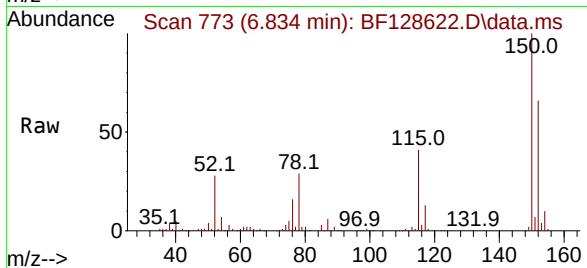




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128622.D
 Acq: 01 Jun 2022 13:50

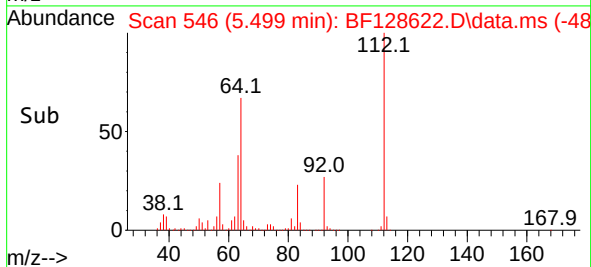
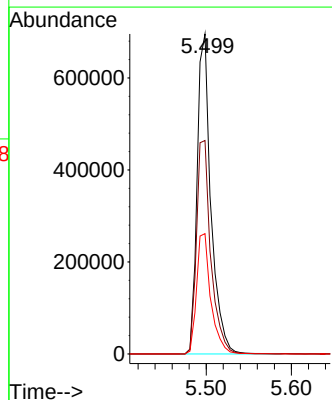
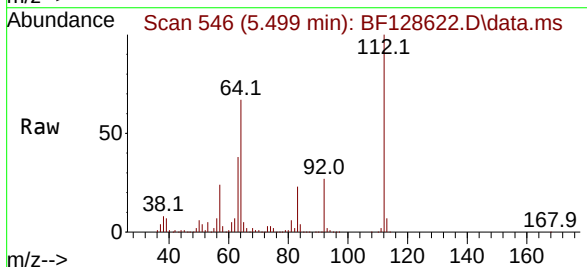
Instrument :
 BNA_F
 ClientSampleId :
 20220417-COMPOSITE-F

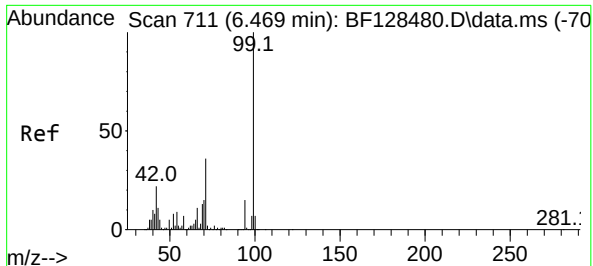
Tgt Ion:152 Resp: 102819
 Ion Ratio Lower Upper
 152 100
 150 152.2 123.7 185.5
 115 63.0 49.9 74.9



#5
 2-Fluorophenol
 Concen: 126.032 ng
 RT: 5.499 min Scan# 546
 Delta R.T. 0.047 min
 Lab File: BF128622.D
 Acq: 01 Jun 2022 13:50

Tgt Ion:112 Resp: 782326
 Ion Ratio Lower Upper
 112 100
 64 66.7 53.3 79.9
 63 37.6 28.0 42.0

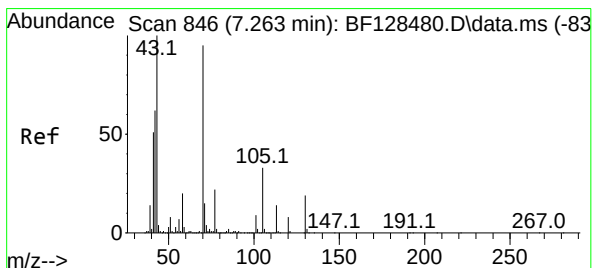
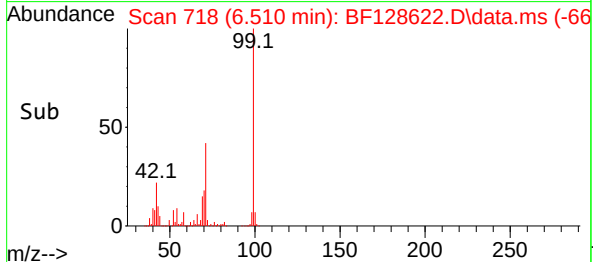
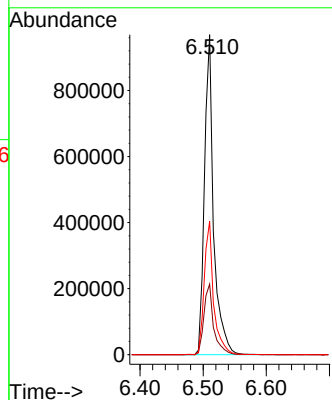
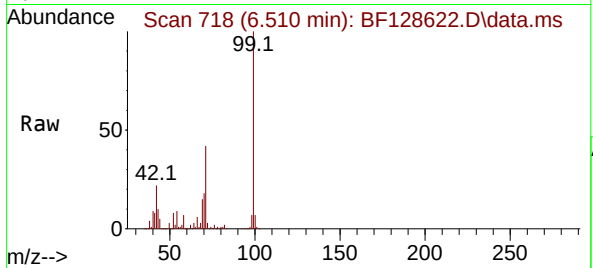




#7
Phenol-d6
Concen: 122.875 ng
RT: 6.510 min Scan# 711
Delta R.T. 0.041 min
Lab File: BF128622.D
Acq: 01 Jun 2022 13:50

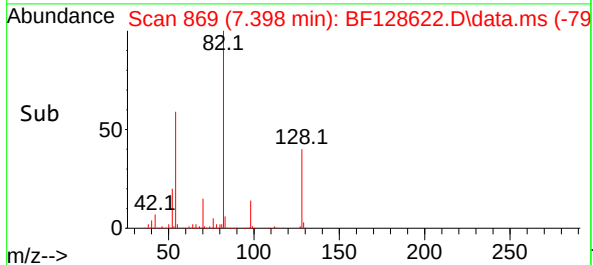
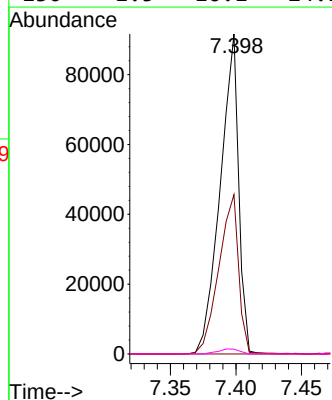
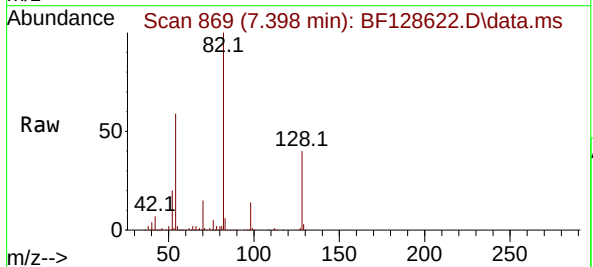
Instrument :
BNA_F
ClientSampleId :
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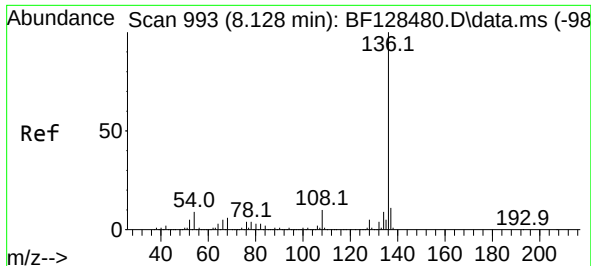
Tgt Ion: 99 Resp: 972507
Ion Ratio Lower Upper
99 100
42 22.0 17.3 25.9
71 41.7 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.415 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128622.D
Acq: 01 Jun 2022 13:50

Tgt Ion: 70 Resp: 89364
Ion Ratio Lower Upper
70 100
42 49.8 52.3 78.5#
101 0.0 7.5 11.3#
130 1.5 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF128622.D

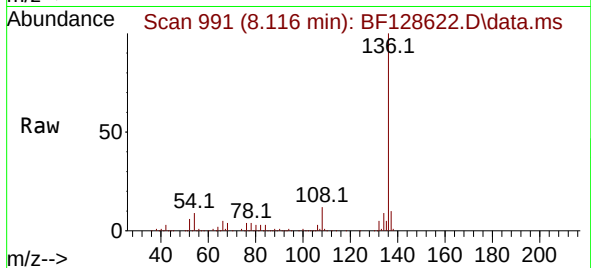
Acq: 01 Jun 2022 13:50

Instrument :

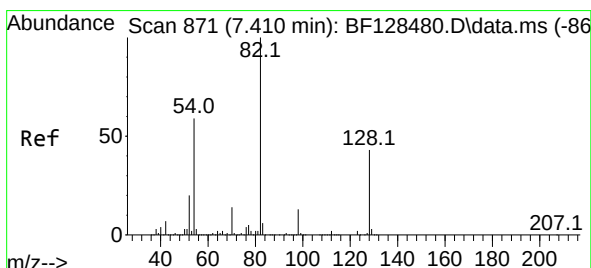
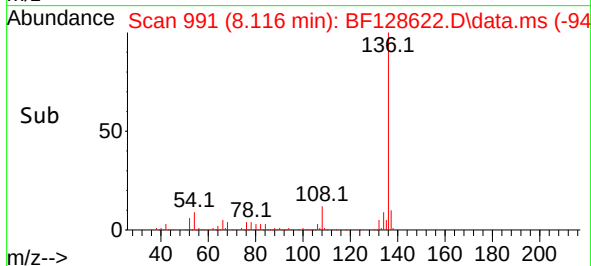
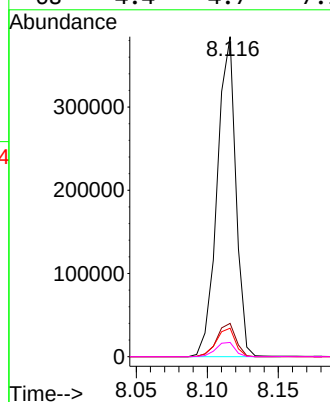
BNA_F

ClientSampleId :

20220417-COMPOSITE-F



Tgt Ion:	136	Resp:	351140
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.8	13.2
54	8.9	7.5	11.3
68	4.4	4.7	7.1



#23

Nitrobenzene-d5

Concen: 104.342 ng

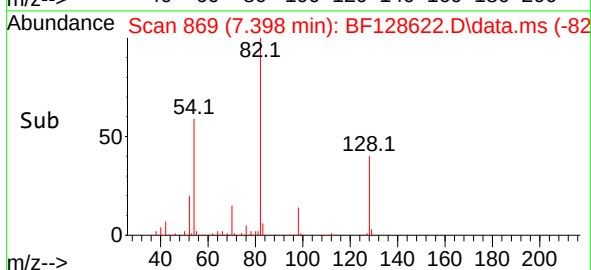
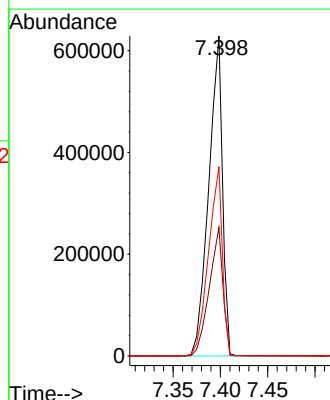
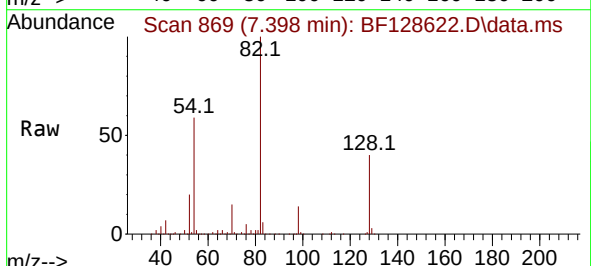
RT: 7.398 min Scan# 869

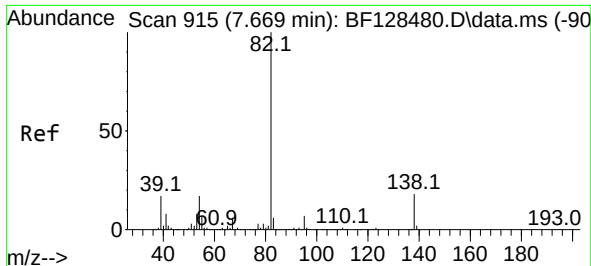
Delta R.T. -0.012 min

Lab File: BF128622.D

Acq: 01 Jun 2022 13:50

Tgt Ion:	82	Resp:	635115
Ion Ratio	Lower	Upper	
82	100		
128	40.1	34.0	51.0
54	59.2	46.9	70.3

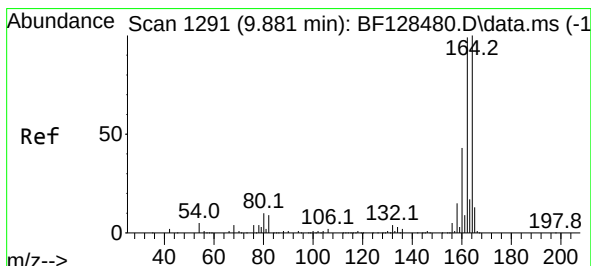
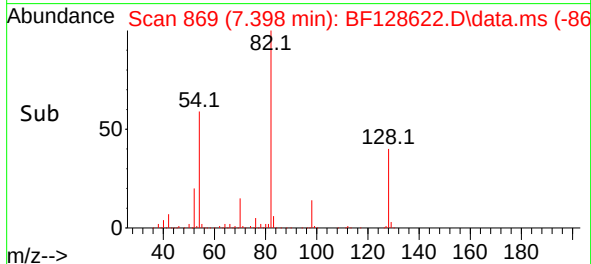
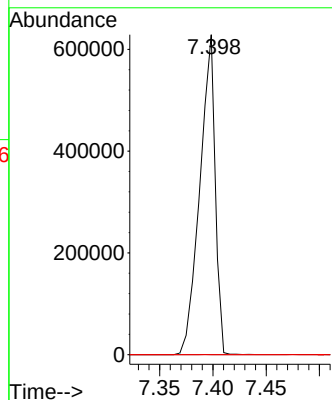
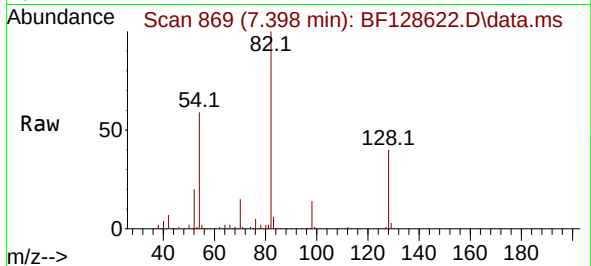




#25
Isophorone
Concen: 56.328 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128622.D
Acq: 01 Jun 2022 13:50

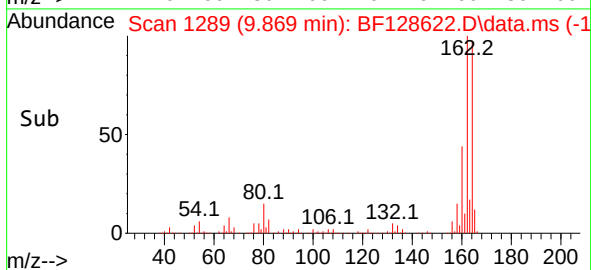
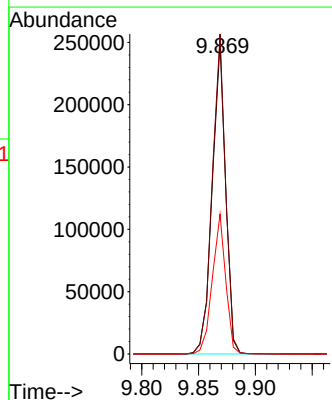
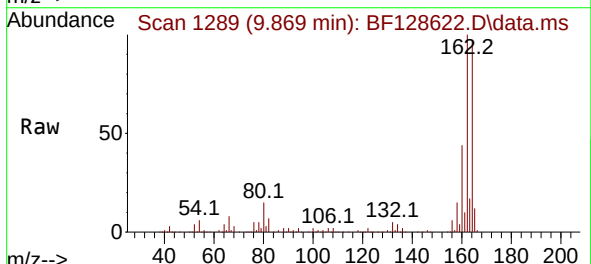
Instrument :
BNA_F
ClientSampleId :
20220417-COMPOSITE-F

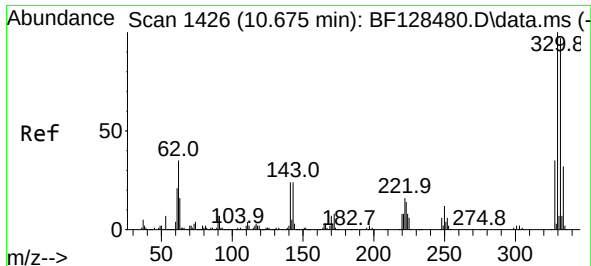
Tgt Ion: 82 Resp: 632489
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF128622.D
Acq: 01 Jun 2022 13:50

Tgt Ion:164 Resp: 204174
Ion Ratio Lower Upper
164 100
162 102.9 79.5 119.3
160 45.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 157.903 ng

RT: 10.669 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF128622.D

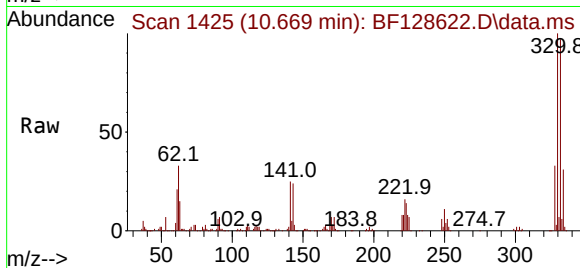
Acq: 01 Jun 2022 13:50

Instrument :

BNA_F

ClientSampleId :

20220417-COMPOSITE-F



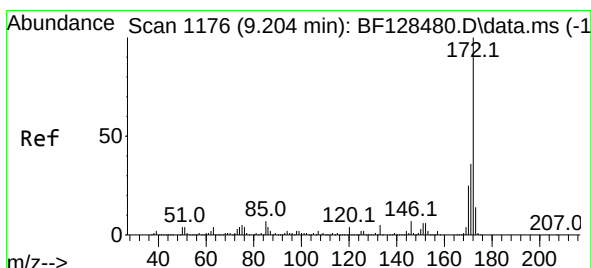
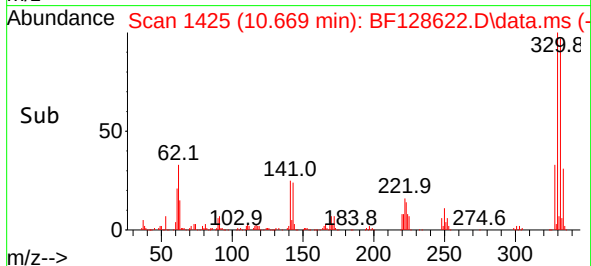
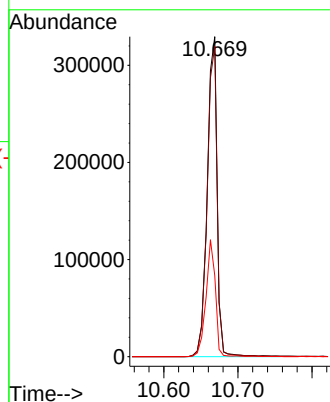
Tgt Ion:330 Resp: 306867

Ion Ratio Lower Upper

330 100

332 97.5 76.8 115.2

141 34.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 90.353 ng

RT: 9.192 min Scan# 1174

Delta R.T. -0.012 min

Lab File: BF128622.D

Acq: 01 Jun 2022 13:50

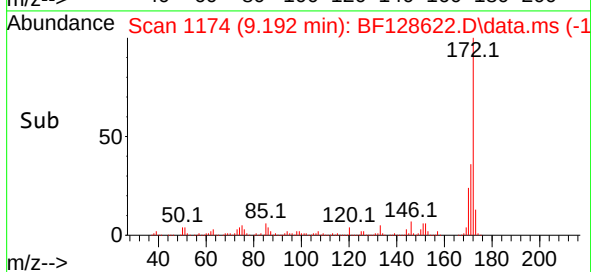
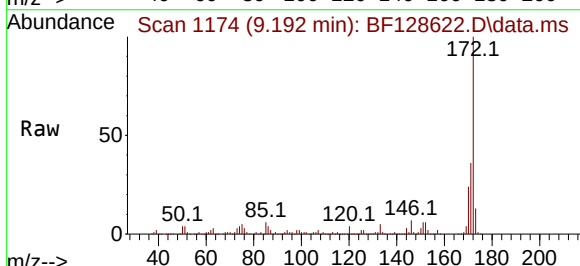
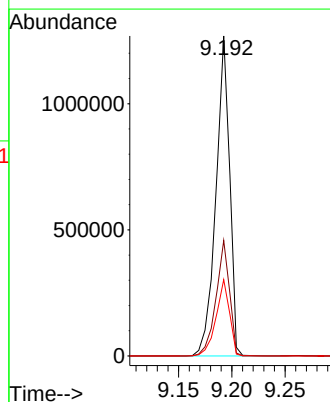
Tgt Ion:172 Resp: 1135493

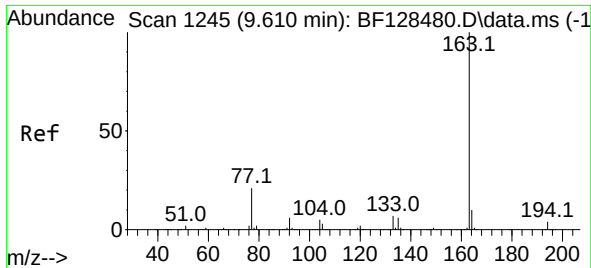
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 23.8 19.8 29.8

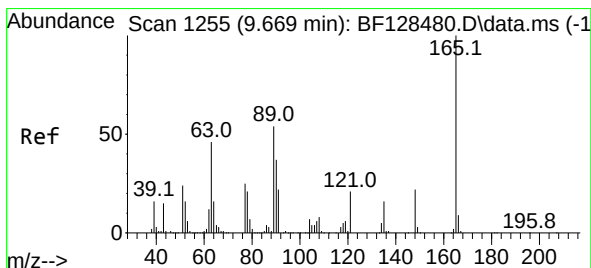
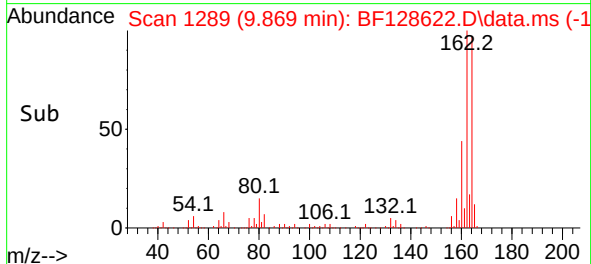
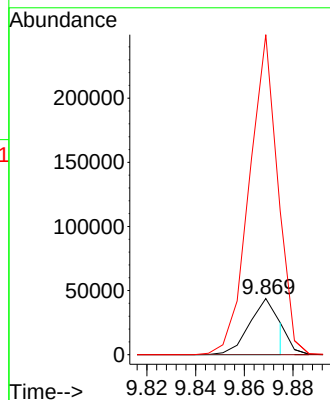
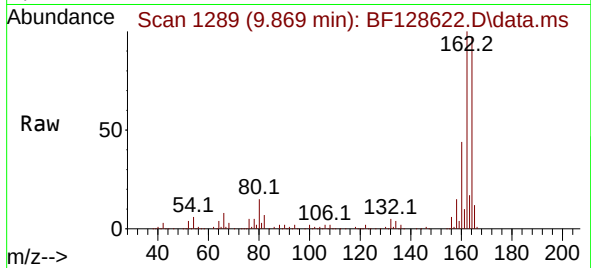




#50
Dimethylphthalate
Concen: 2.794 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.259 min
Lab File: BF128622.D
Acq: 01 Jun 2022 13:50

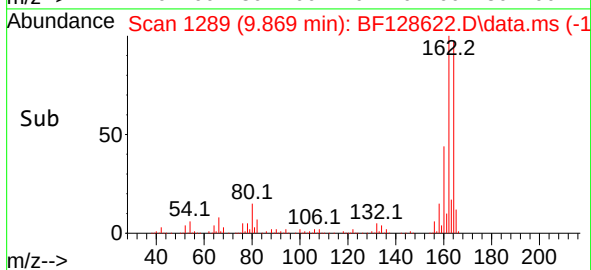
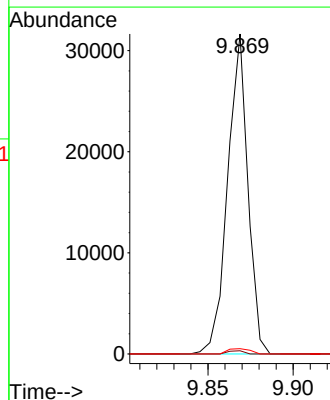
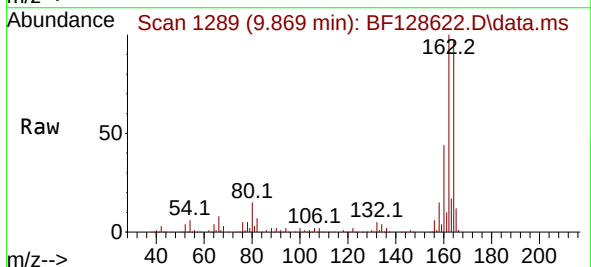
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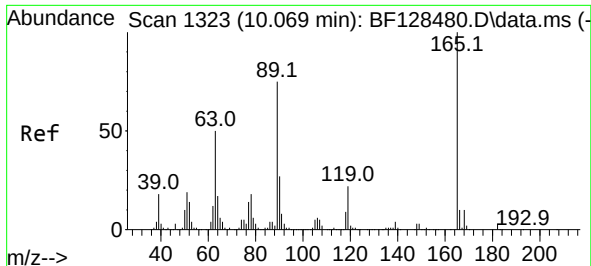
Tgt Ion:163 Resp: 37010
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 569.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.734 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF128622.D
Acq: 01 Jun 2022 13:50

Tgt Ion:165 Resp: 26054
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.6 43.6 65.4#

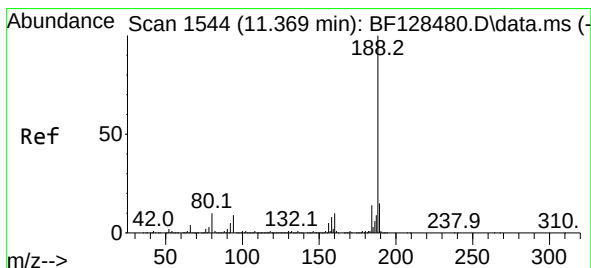
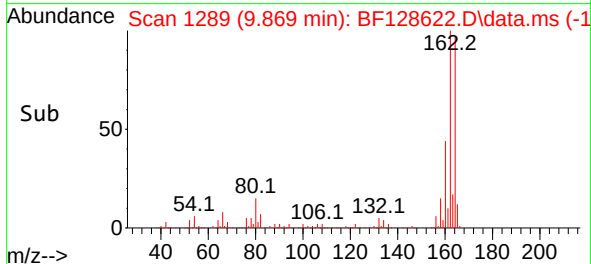
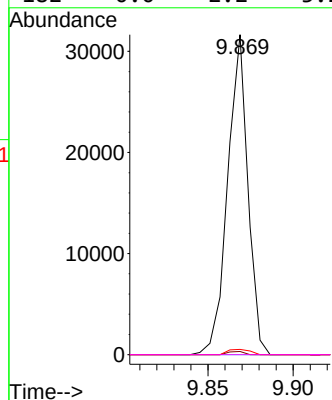
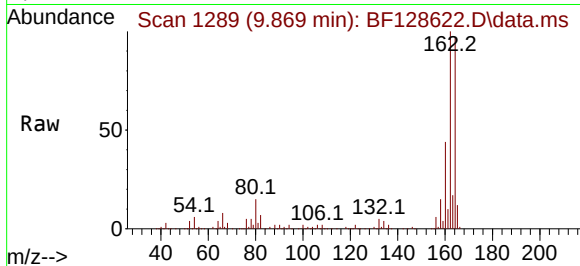




#57
2,4-Dinitrotoluene
Concen: 8.972 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF128622.D
Acq: 01 Jun 2022 13:50

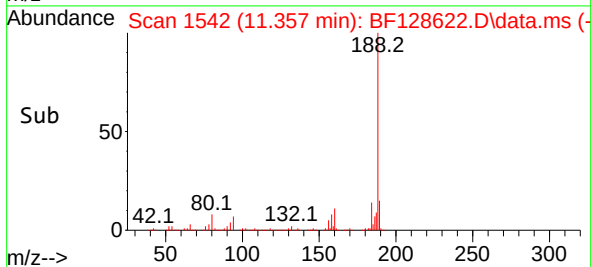
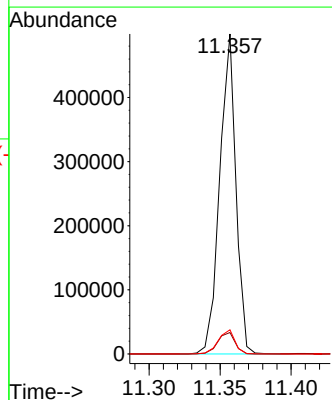
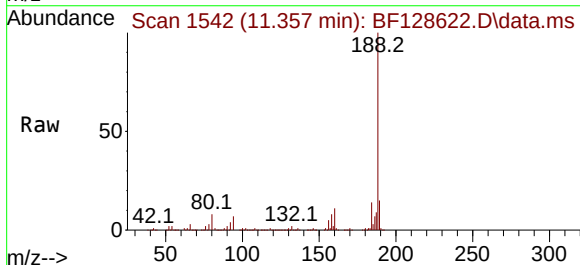
Instrument :
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20220417-COMPOSITE-F

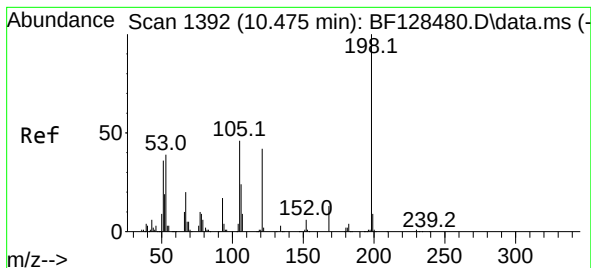
Tgt Ion:165 Resp: 26054
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.6 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1542
Delta R.T. -0.012 min
Lab File: BF128622.D
Acq: 01 Jun 2022 13:50

Tgt Ion:188 Resp: 395112
Ion Ratio Lower Upper
188 100
94 6.7 7.0 10.6#
80 7.6 7.6 11.4#

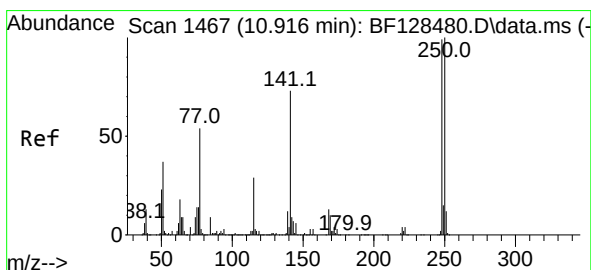
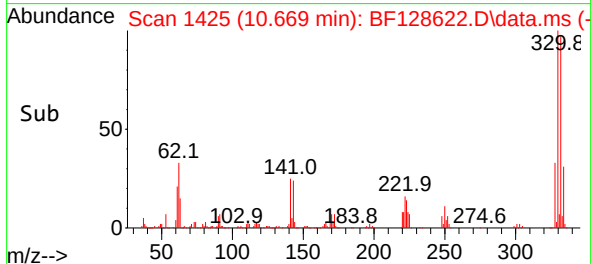
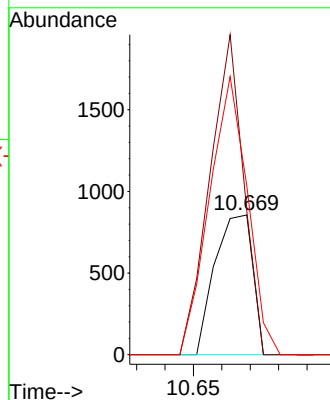
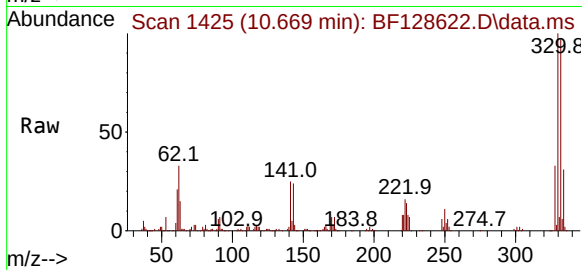




#65
4,6-Dinitro-2-methylphenol
Concen: 5.884 ng
RT: 10.669 min Scan# 141
Delta R.T. 0.194 min
Lab File: BF128622.D
Acq: 01 Jun 2022 13:50

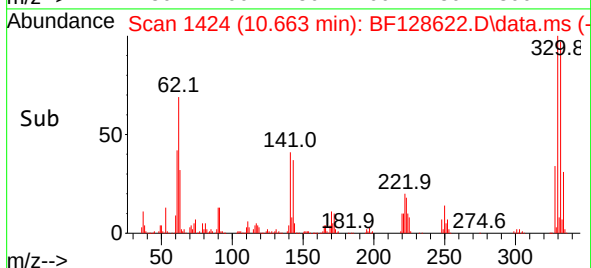
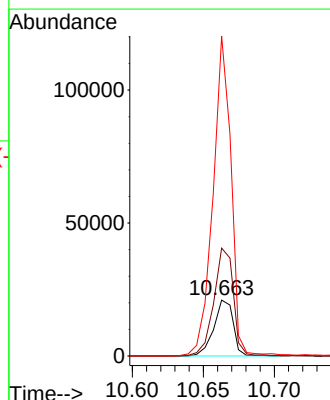
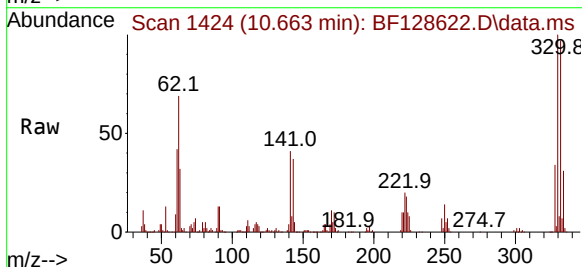
Instrument :
BNA_F
ClientSampleId :
20220417-COMPOSITE-F

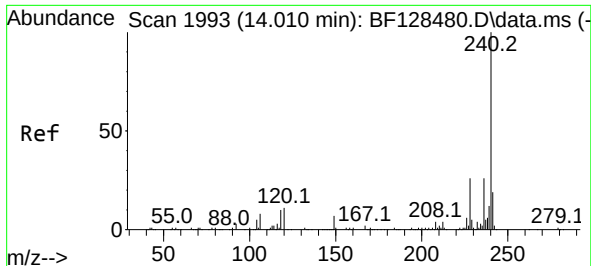
Tgt Ion:198 Resp: 787
Ion Ratio Lower Upper
198 100
51 103.0 37.6 77.6#
105 121.2 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 4.891 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128622.D
Acq: 01 Jun 2022 13:50

Tgt Ion:248 Resp: 19966
Ion Ratio Lower Upper
248 100
250 193.0 80.6 120.8#
141 572.7 58.9 88.3#

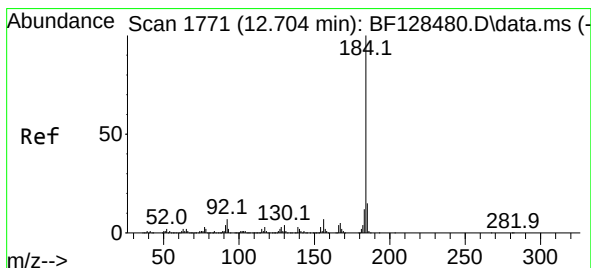
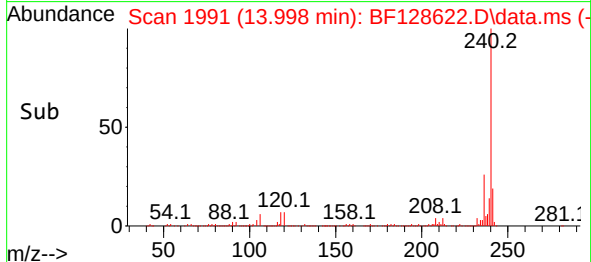
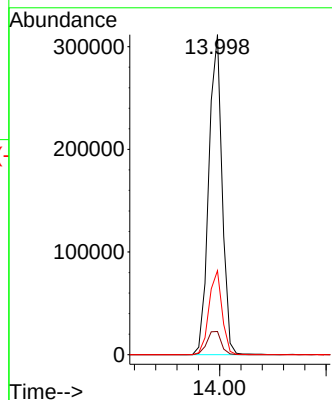
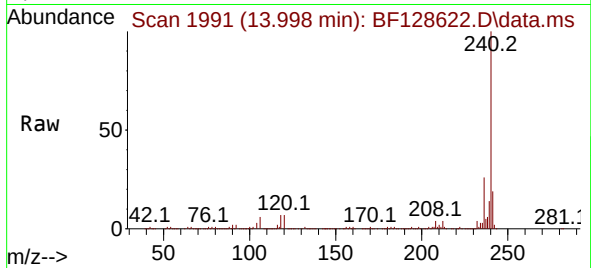




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BF128622.D
Acq: 01 Jun 2022 13:50

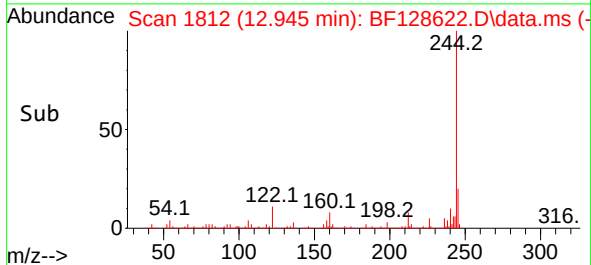
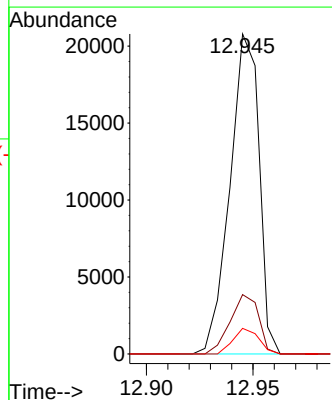
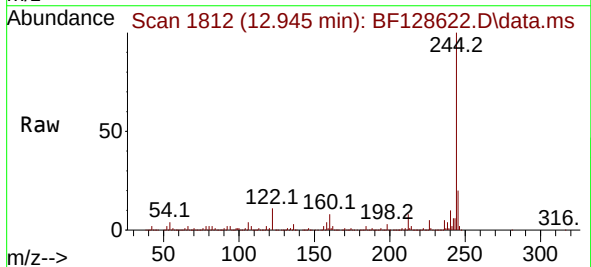
Instrument :
BNA_F
ClientSampleId :
20220417-COMPOSITE-F

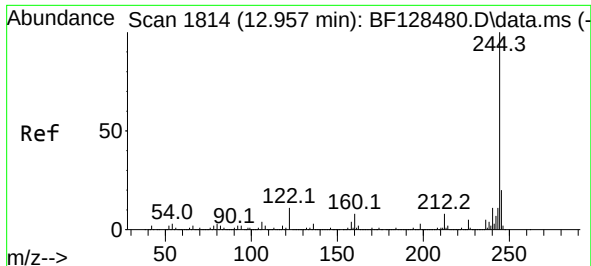
Tgt Ion:240 Resp: 270595
Ion Ratio Lower Upper
240 100
120 7.3 8.9 13.3#
236 26.3 20.8 31.2



#77
Benzidine
Concen: 3.164 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.241 min
Lab File: BF128622.D
Acq: 01 Jun 2022 13:50

Tgt Ion:184 Resp: 19748
Ion Ratio Lower Upper
184 100
185 18.6 11.9 17.9#
183 8.0 9.3 13.9#

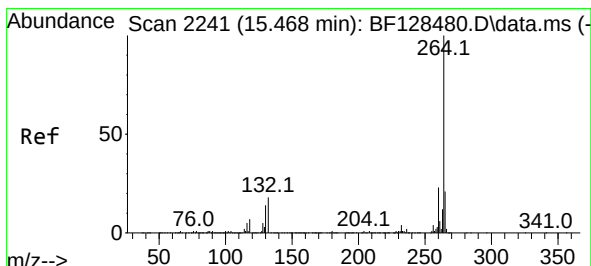
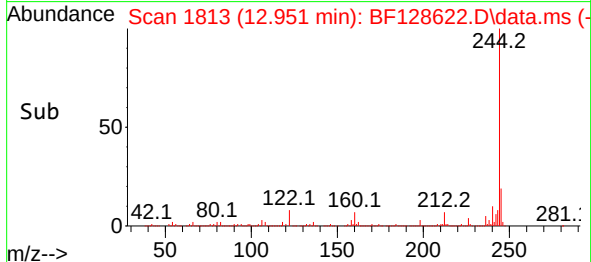
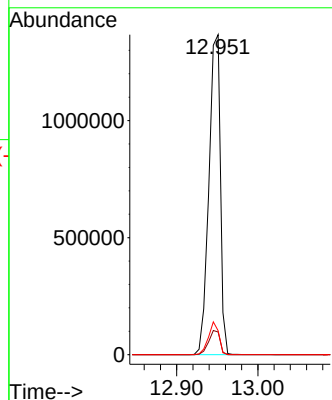
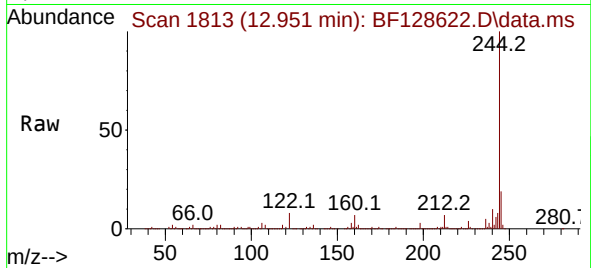




#79
 Terphenyl-d14
 Concen: 95.258 ng
 RT: 12.951 min Scan# 1814
 Delta R.T. -0.006 min
 Lab File: BF128622.D
 Acq: 01 Jun 2022 13:50

Instrument :
 BNA_F
 ClientSampleId :
 20220417-COMPOSITE-F

Tgt Ion:244 Resp: 1334213
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 7.5 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2240
 Delta R.T. -0.006 min
 Lab File: BF128622.D
 Acq: 01 Jun 2022 13:50

Tgt Ion:264 Resp: 187872
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 21.8 17.2 25.8

