

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052822\
 Data File : BF128553.D
 Acq On : 28 May 2022 17:36
 Operator : CG\JU
 Sample : N2931-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P009-SS003-1218-01

Quant Time: May 28 22:43:12 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)

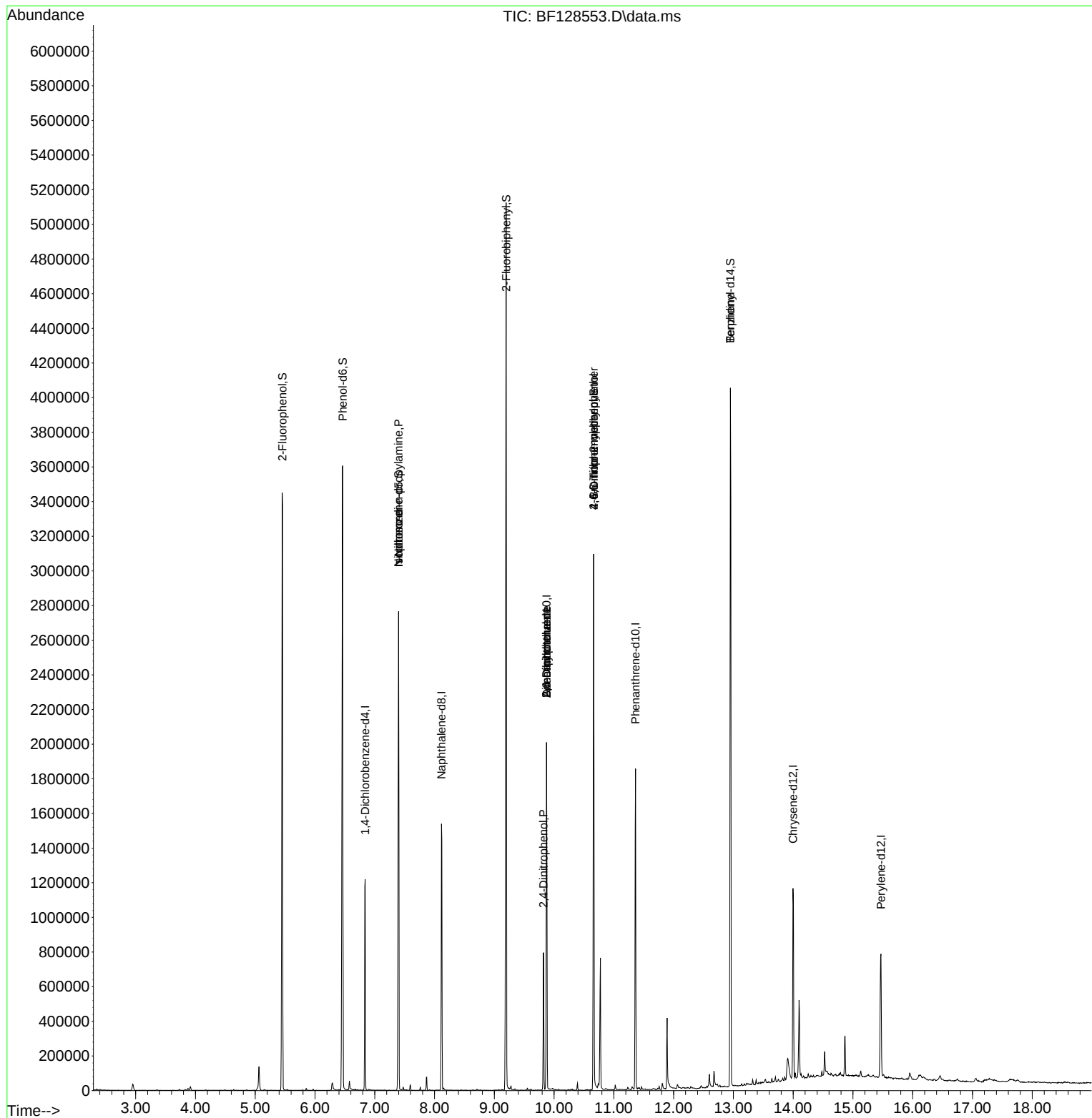
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	175652	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	681606	20.000	ng	-0.01
39) Acenaphthene-d10	9.874	164	377457	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	659120	20.000	ng	0.00
76) Chrysene-d12	13.998	240	394076	20.000	ng	-0.01
86) Perylene-d12	15.468	264	356207	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	995433	93.870	ng	0.00
7) Phenol-d6	6.463	99	1276124	94.381	ng	0.00
23) Nitrobenzene-d5	7.398	82	878653	74.365	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	353947	98.517	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1586347	68.279	ng	0.00
79) Terphenyl-d14	12.951	244	1473534	72.240	ng	0.00
Target Compounds						
9) Benzaldehyde	6.386	77	196	Below Cal	Qvalue #	54
19) n-Nitroso-di-n-propyla...	7.398	70	118641	14.311 ng	#	77
25) Isophorone	7.398	82	877328	40.251 ng	#	65
50) Dimethylphthalate	9.874	163	66610	2.721 ng	#	1
51) 2,6-Dinitrotoluene	9.874	165	48708	10.855 ng	#	25
54) 2,4-Dinitrophenol	9.822	184	64	6.845 ng	#	1
57) 2,4-Dinitrotoluene	9.874	165	48708	9.073 ng	#	21
65) 4,6-Dinitro-2-methylph...	10.663	198	873	5.756 ng	#	1
67) 4-Bromophenyl-phenylether	10.663	248	23617	3.468 ng	#	1
77) Benzidine	12.951	184	20804	2.289 ng	#	90

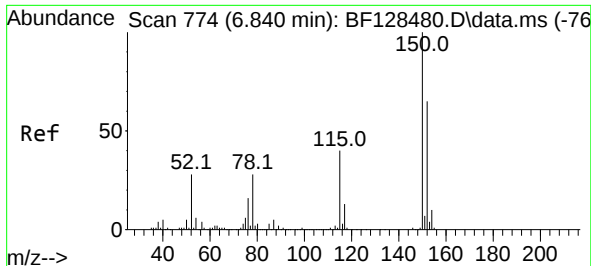
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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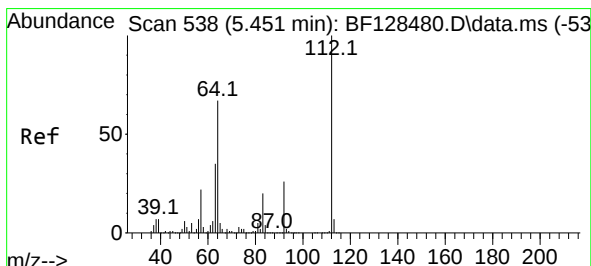
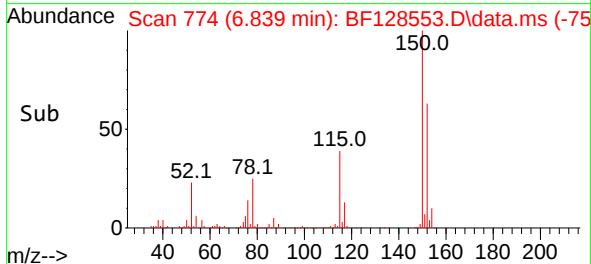
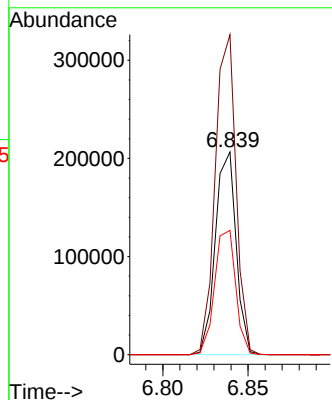
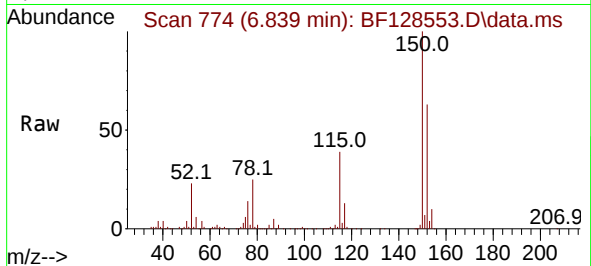




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 71
 Delta R.T. -0.001 min
 Lab File: BF128553.D
 Acq: 28 May 2022 17:36

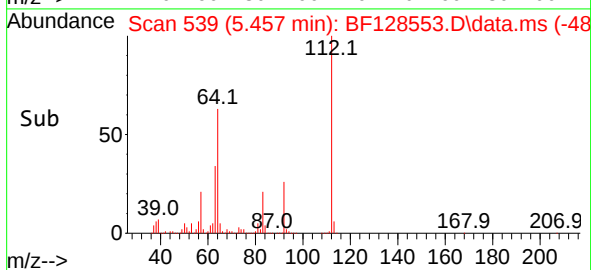
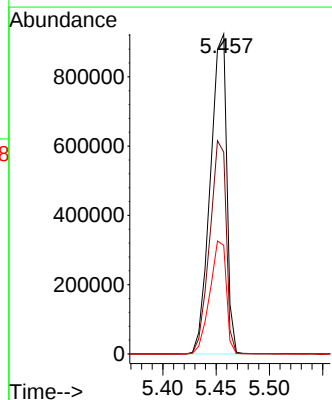
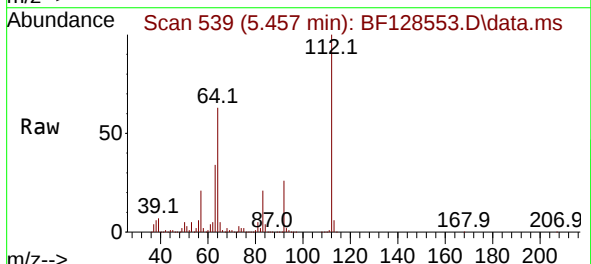
Instrument :
 BNA_F
 ClientSampleId :
 P009-SS003-1218-01

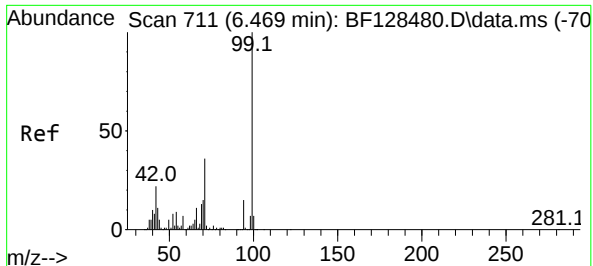
Tgt Ion:152 Resp: 175652
 Ion Ratio Lower Upper
 152 100
 150 157.9 123.7 185.5
 115 61.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 93.870 ng
 RT: 5.457 min Scan# 539
 Delta R.T. 0.006 min
 Lab File: BF128553.D
 Acq: 28 May 2022 17:36

Tgt Ion:112 Resp: 995433
 Ion Ratio Lower Upper
 112 100
 64 63.1 53.3 79.9
 63 34.0 28.0 42.0

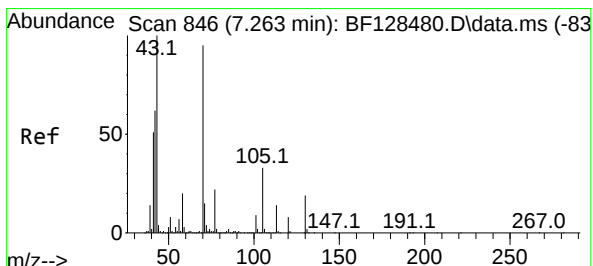
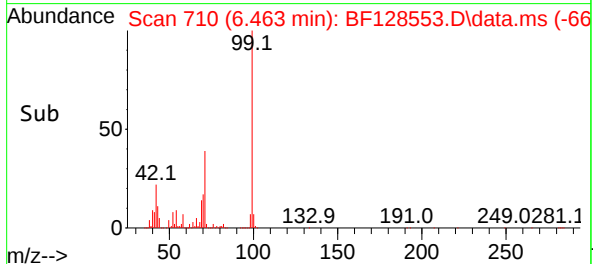
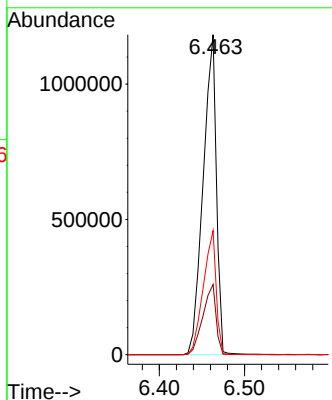
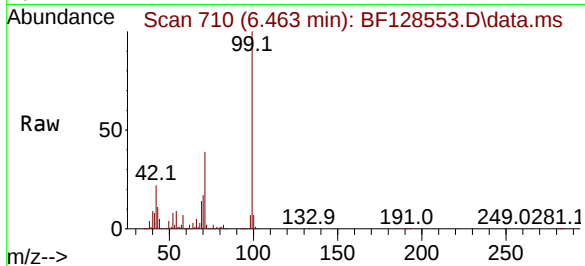




#7
Phenol-d6
Concen: 94.381 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128553.D
Acq: 28 May 2022 17:36

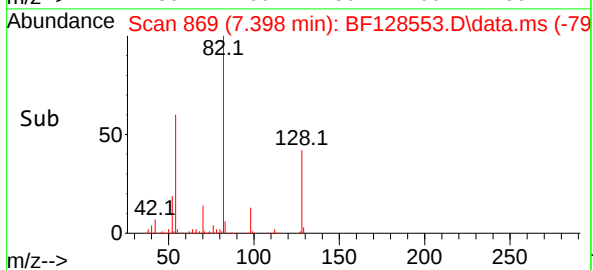
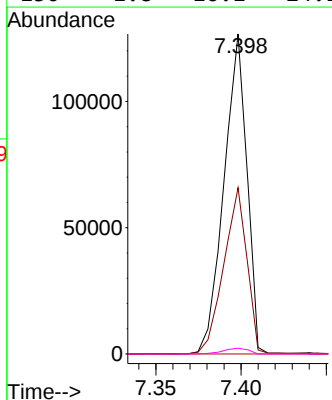
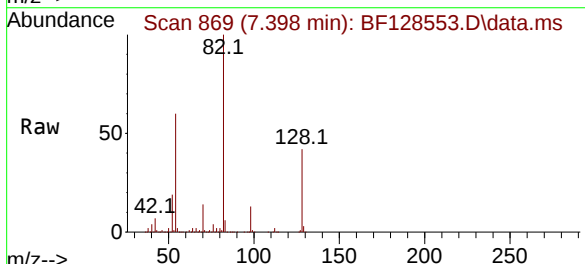
Instrument :
BNA_F
ClientSampleId :
P009-SS003-1218-01

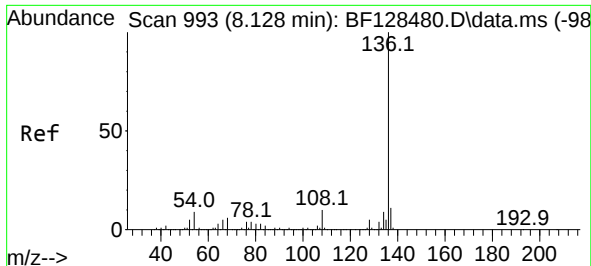
Tgt Ion: 99 Resp: 1276124
Ion Ratio Lower Upper
99 100
42 22.0 17.3 25.9
71 38.7 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.311 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128553.D
Acq: 28 May 2022 17:36

Tgt Ion: 70 Resp: 118641
Ion Ratio Lower Upper
70 100
42 51.9 52.3 78.5#
101 0.0 7.5 11.3#
130 1.8 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: BF128553.D

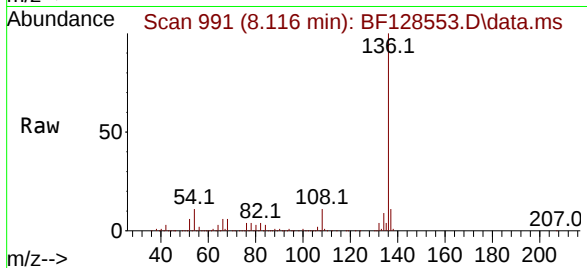
Acq: 28 May 2022 17:36

Instrument :

BNA_F

ClientSampleId :

P009-SS003-1218-01



Tgt Ion:136 Resp: 681606

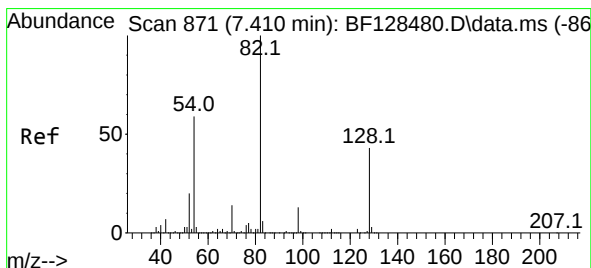
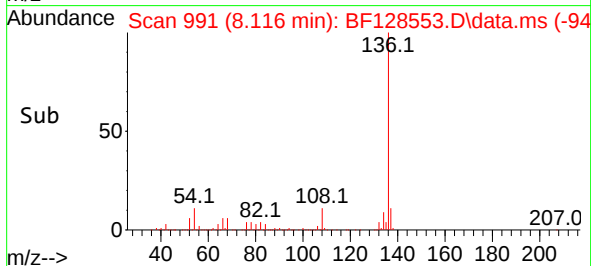
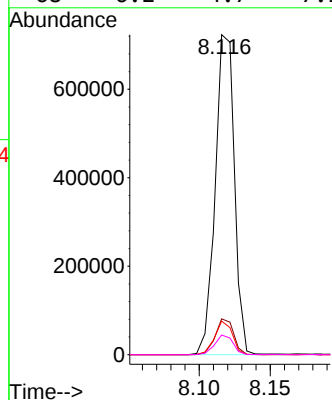
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 10.5 7.5 11.3

68 6.2 4.7 7.1



#23

Nitrobenzene-d5

Concen: 74.365 ng

RT: 7.398 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF128553.D

Acq: 28 May 2022 17:36

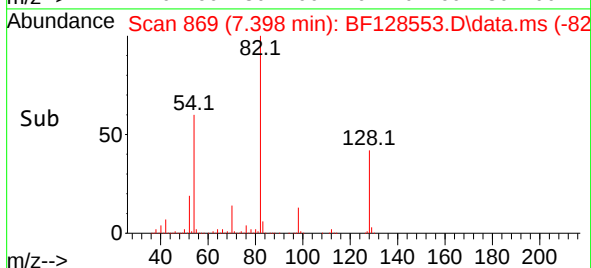
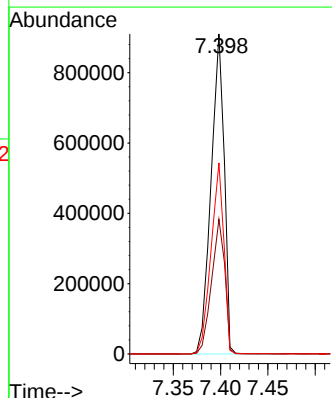
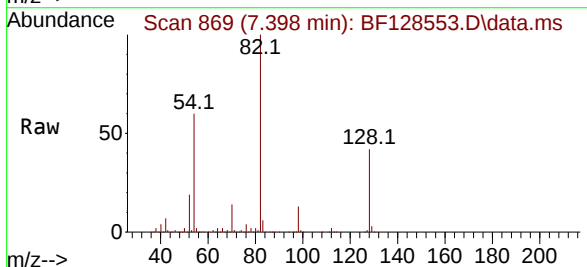
Tgt Ion: 82 Resp: 878653

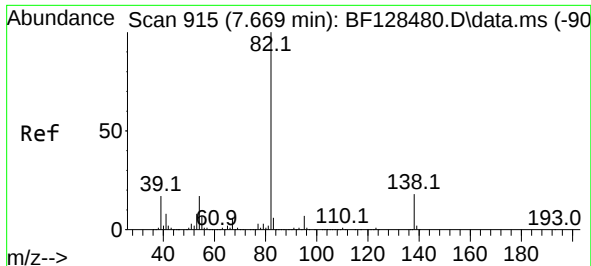
Ion Ratio Lower Upper

82 100

128 42.1 34.0 51.0

54 59.7 46.9 70.3

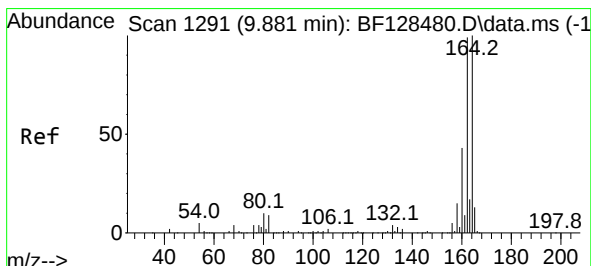
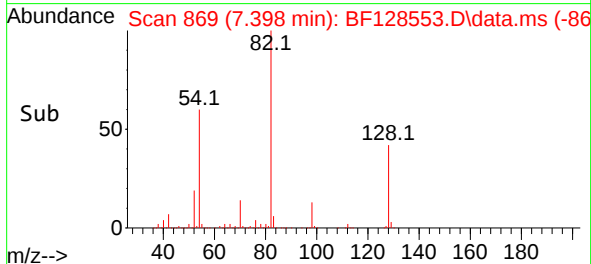
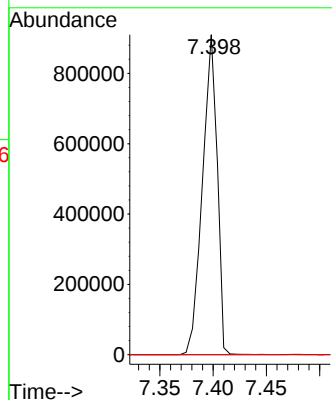
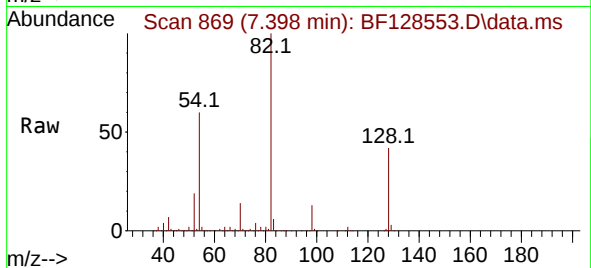




#25
Isophorone
Concen: 40.251 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128553.D
Acq: 28 May 2022 17:36

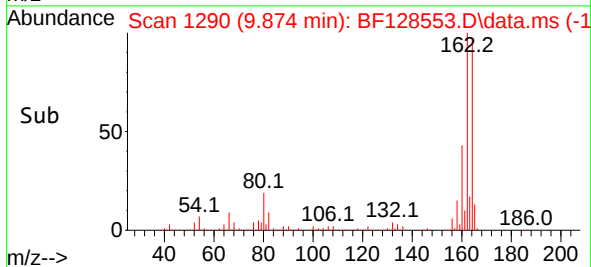
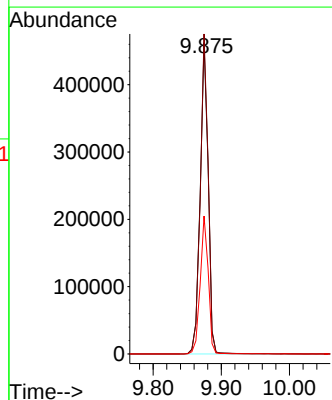
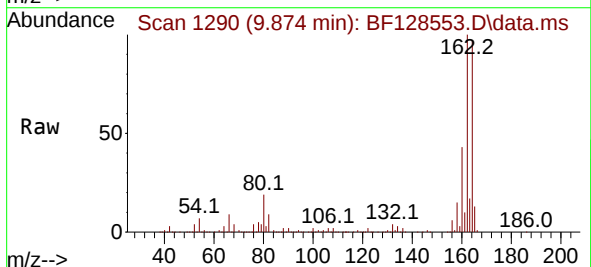
Instrument :
BNA_F
ClientSampleId :
P009-SS003-1218-01

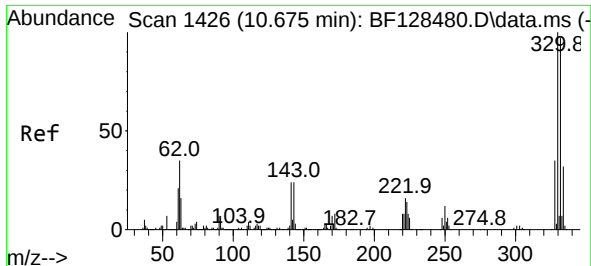
Tgt Ion: 82 Resp: 877328
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1290
Delta R.T. -0.007 min
Lab File: BF128553.D
Acq: 28 May 2022 17:36

Tgt Ion: 164 Resp: 377457
Ion Ratio Lower Upper
164 100
162 102.8 79.5 119.3
160 44.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 98.517 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128553.D

Acq: 28 May 2022 17:36

Instrument :

BNA_F

ClientSampleId :

P009-SS003-1218-01

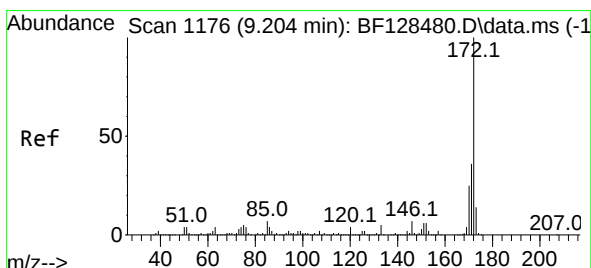
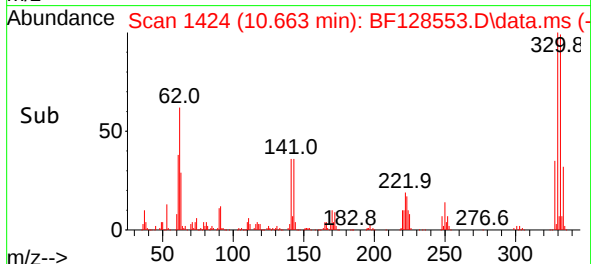
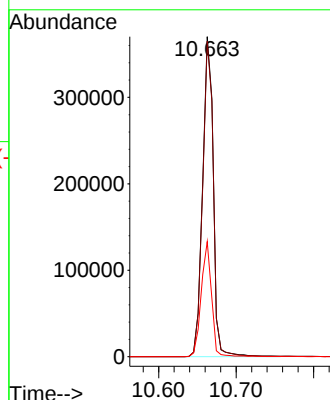
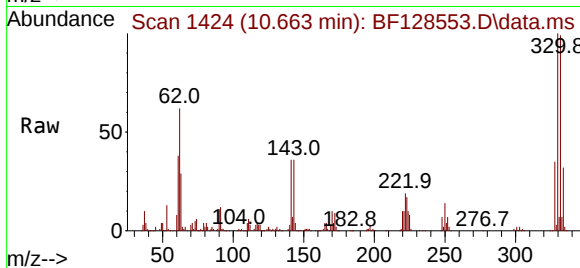
Tgt Ion:330 Resp: 353947

Ion Ratio Lower Upper

330 100

332 98.8 76.8 115.2

141 34.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 68.279 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128553.D

Acq: 28 May 2022 17:36

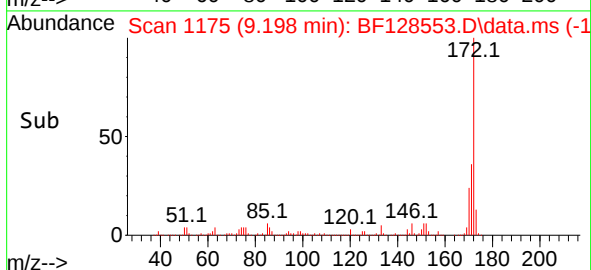
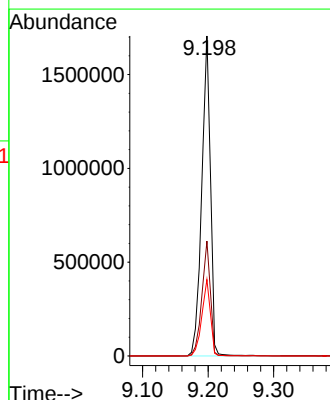
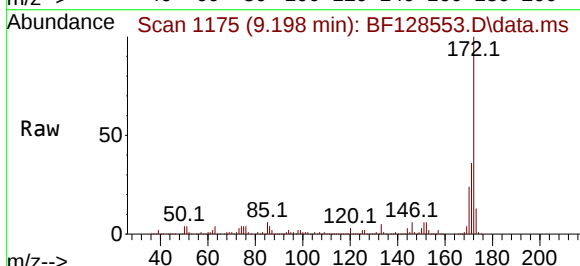
Tgt Ion:172 Resp: 1586347

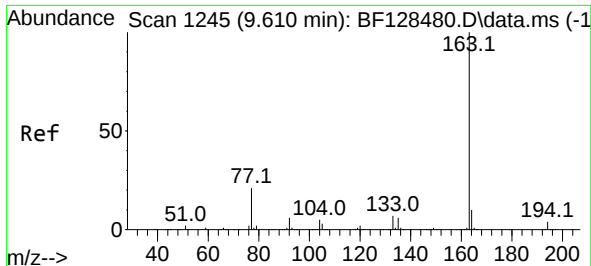
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.9 19.8 29.8

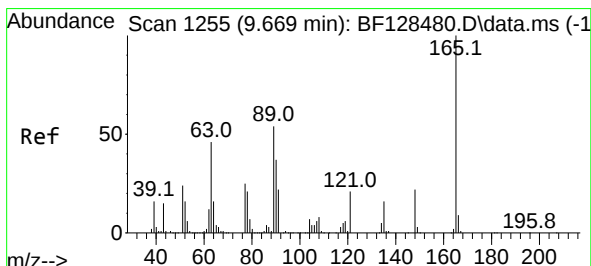
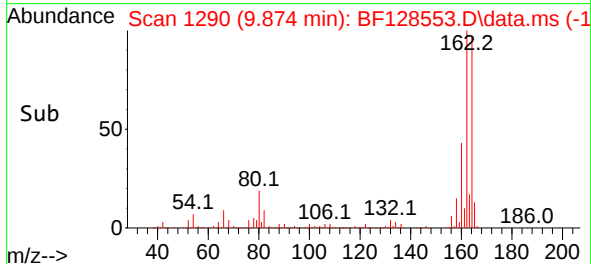
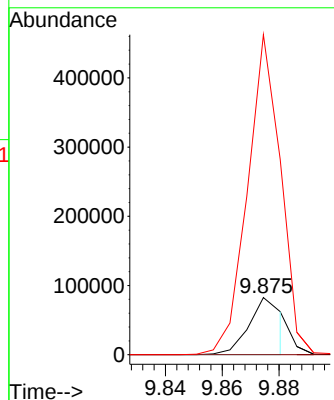
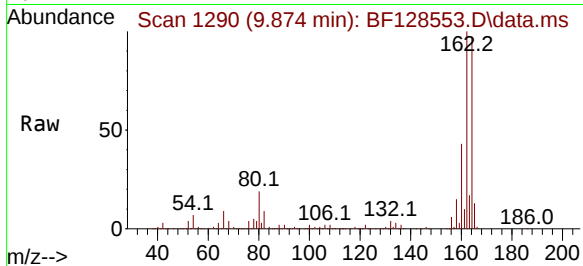




#50
Dimethylphthalate
Concen: 2.721 ng
RT: 9.874 min Scan# 11
Delta R.T. 0.264 min
Lab File: BF128553.D
Acq: 28 May 2022 17:36

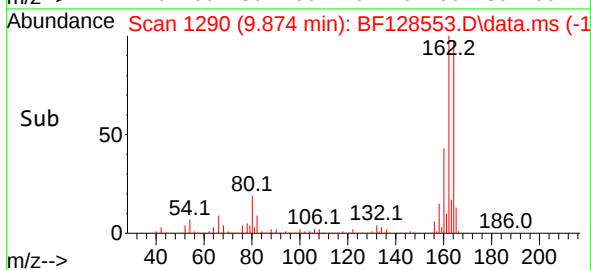
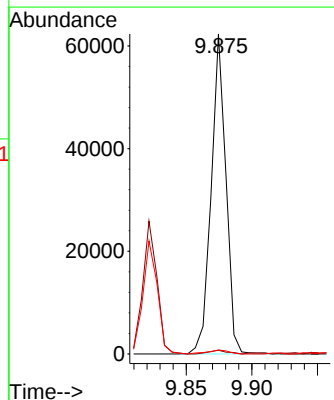
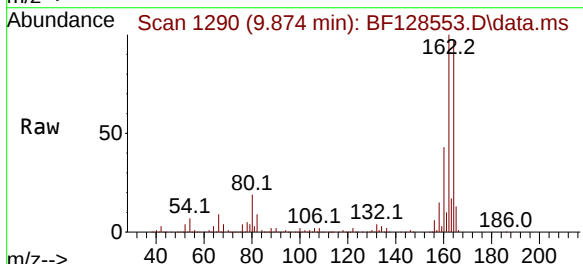
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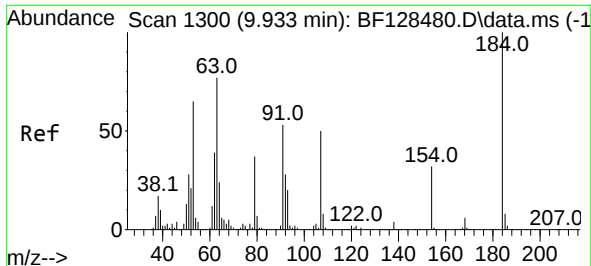
Tgt Ion:163 Resp: 66610
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 560.3 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.855 ng
RT: 9.874 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128553.D
Acq: 28 May 2022 17:36

Tgt Ion:165 Resp: 48708
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 1.3 43.6 65.4#





#54

2,4-Dinitrophenol

Concen: 6.845 ng

RT: 9.822 min Scan# 11

Delta R.T. -0.111 min

Lab File: BF128553.D

Acq: 28 May 2022 17:36

Instrument :

BNA_F

ClientSampleId :

P009-SS003-1218-01

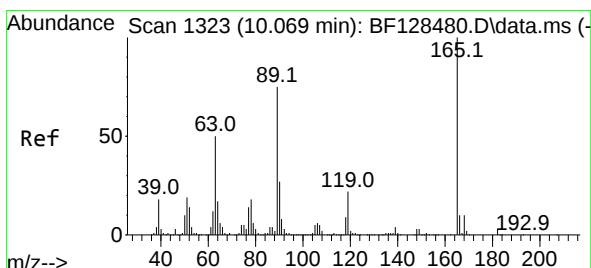
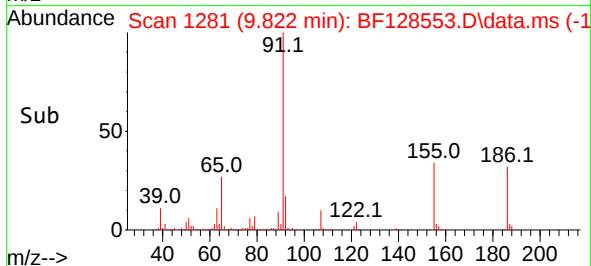
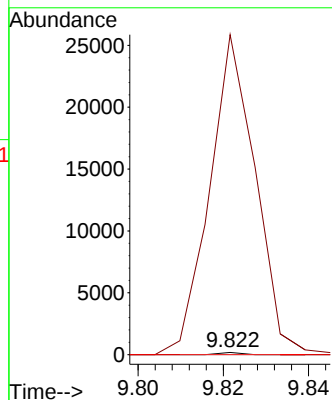
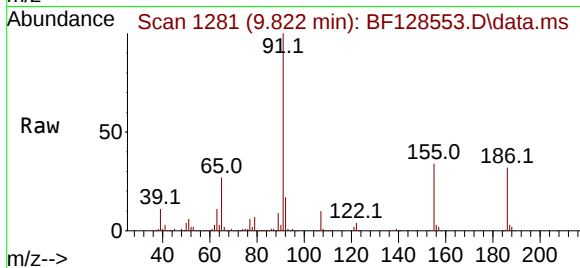
Tgt Ion:184 Resp: 64

Ion Ratio Lower Upper

184 100

63 14211.0 64.5 96.7#

154 0.0 50.6 75.8#



#57

2,4-Dinitrotoluene

Concen: 9.073 ng

RT: 9.874 min Scan# 1290

Delta R.T. -0.194 min

Lab File: BF128553.D

Acq: 28 May 2022 17:36

Tgt Ion:165 Resp: 48708

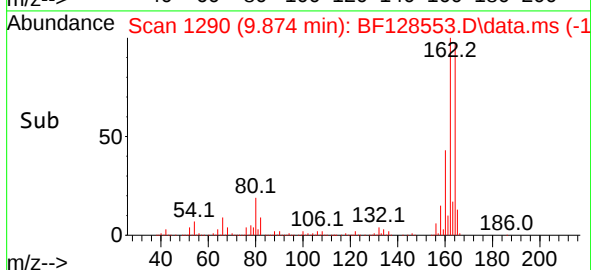
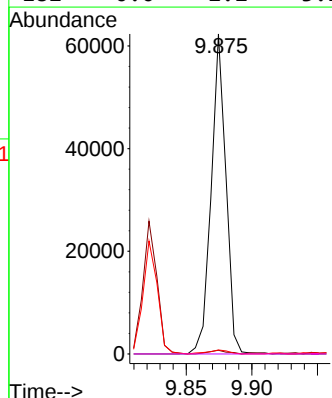
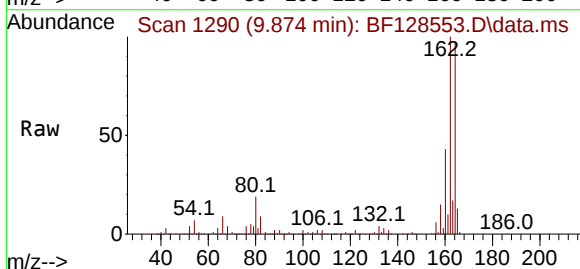
Ion Ratio Lower Upper

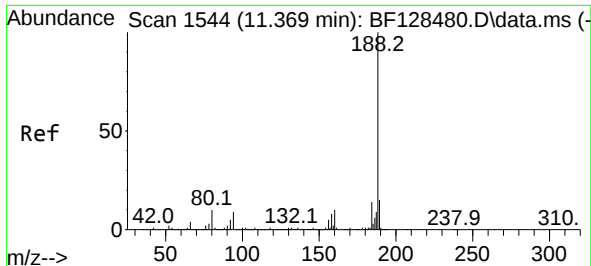
165 100

63 1.2 39.8 59.6#

89 1.3 60.2 90.2#

182 0.0 2.2 3.2#

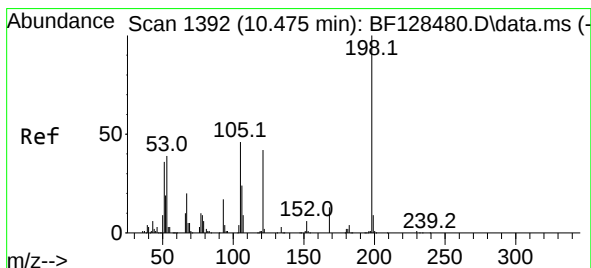
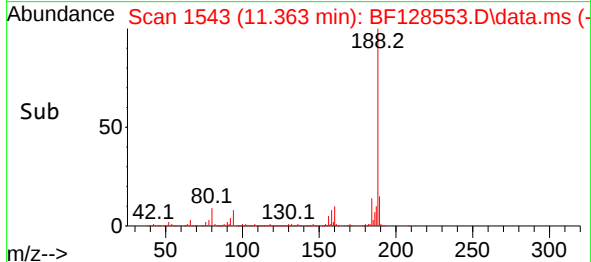
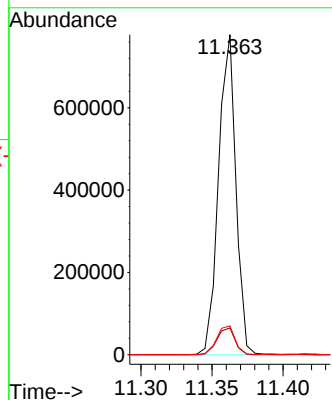
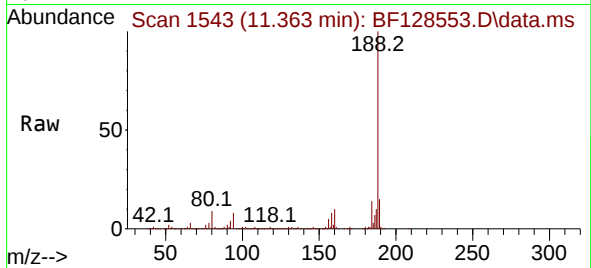




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128553.D
Acq: 28 May 2022 17:36

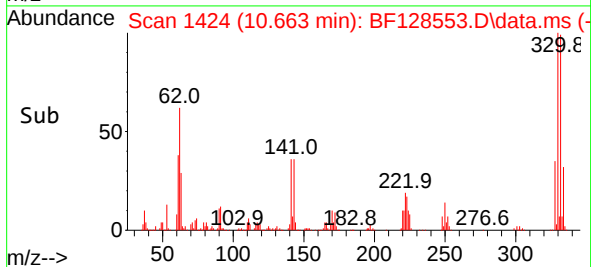
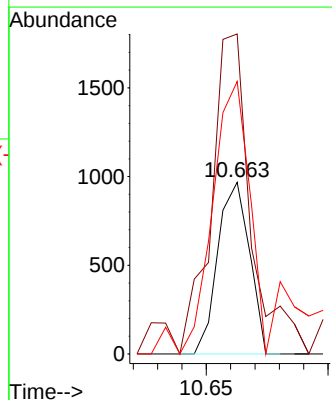
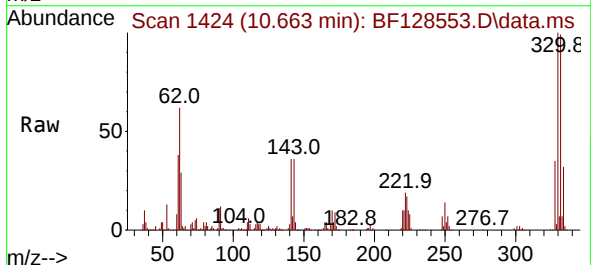
Instrument :
BNA_F
ClientSampleId :
P009-SS003-1218-01

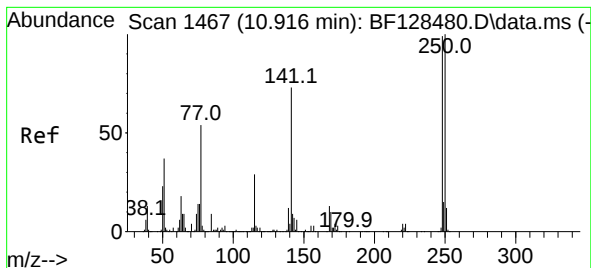
Tgt Ion:188 Resp: 659120
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 9.0 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.756 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128553.D
Acq: 28 May 2022 17:36

Tgt Ion:198 Resp: 873
Ion Ratio Lower Upper
198 100
51 186.4 37.6 77.6#
105 158.7 27.0 67.0#

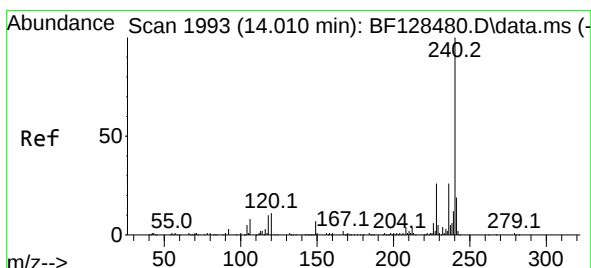
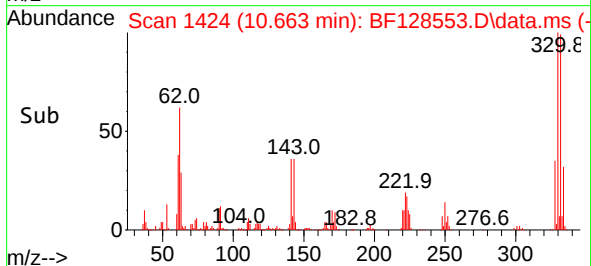
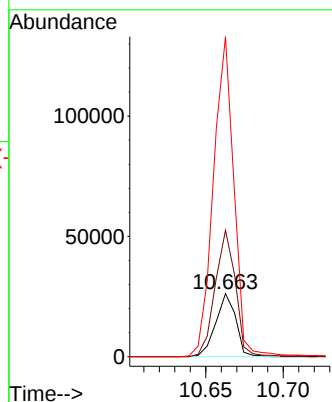
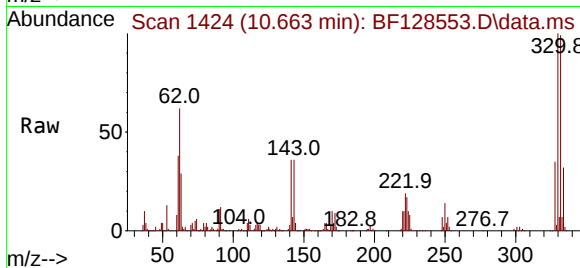




#67
4-Bromophenyl-phenylether
Concen: 3.468 ng
RT: 10.663 min Scan# 1467
Delta R.T. -0.253 min
Lab File: BF128553.D
Acq: 28 May 2022 17:36

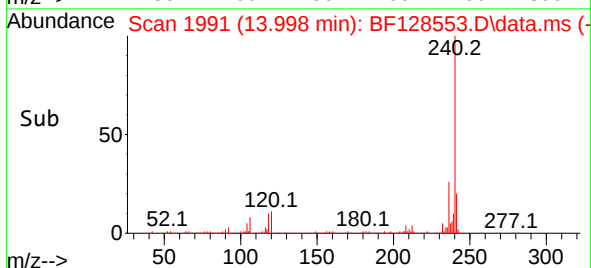
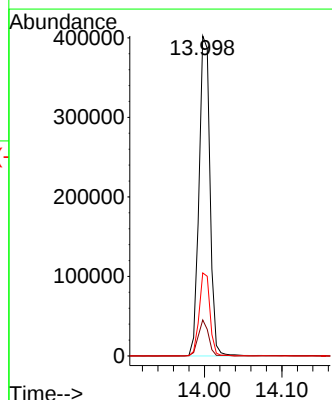
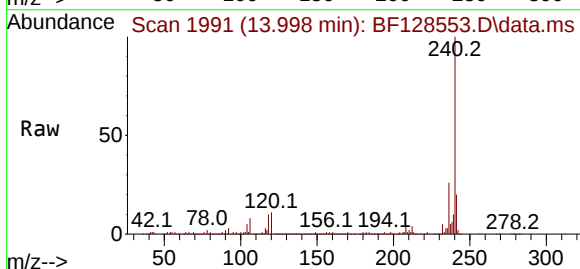
Instrument :
BNA_F
ClientSampleId :
P009-SS003-1218-01

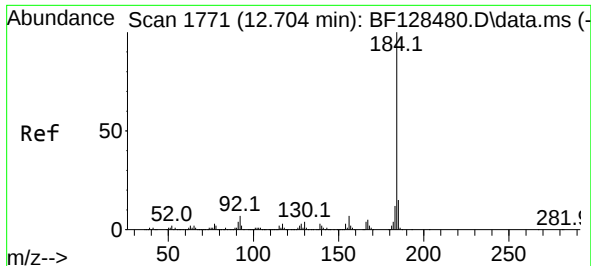
Tgt Ion:248 Resp: 23617
Ion Ratio Lower Upper
248 100
250 200.8 80.6 120.8#
141 508.2 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128553.D
Acq: 28 May 2022 17:36

Tgt Ion:240 Resp: 394076
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 26.0 20.8 31.2

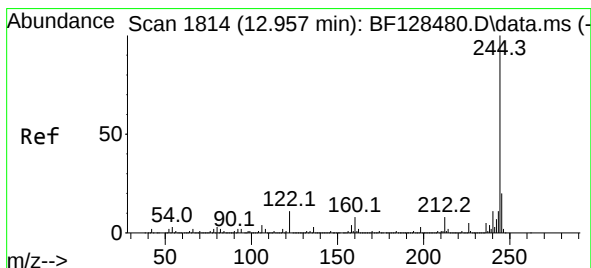
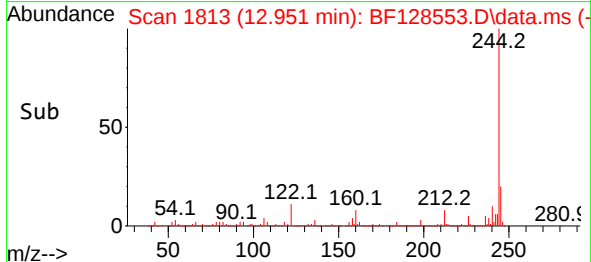
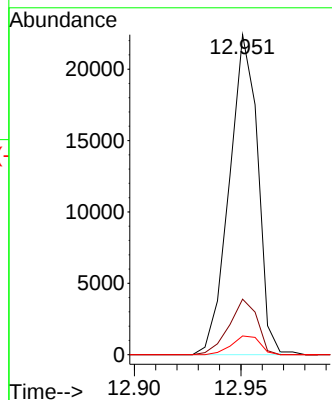
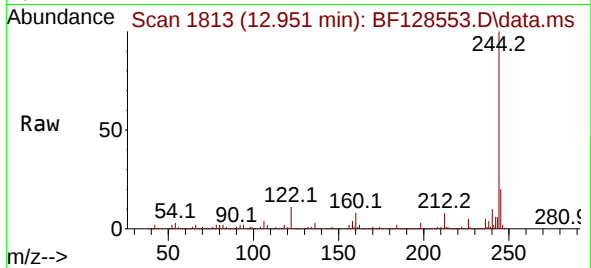




#77
Benzidine
Concen: 2.289 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.247 min
Lab File: BF128553.D
Acq: 28 May 2022 17:36

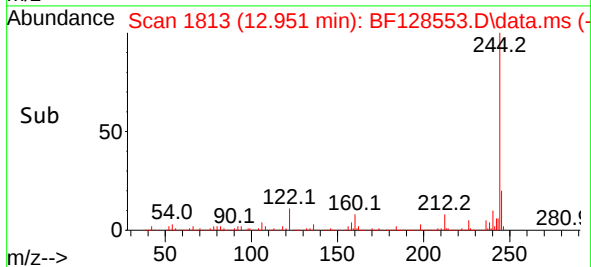
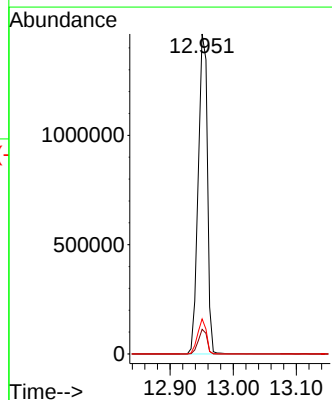
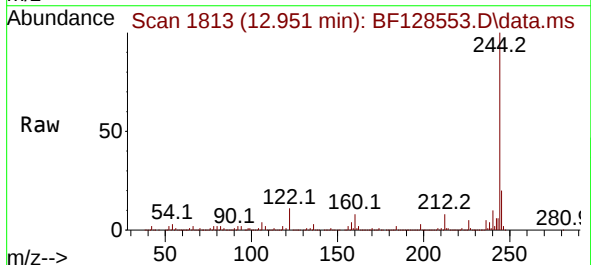
Instrument :
BNA_F
ClientSampleId :
P009-SS003-1218-01

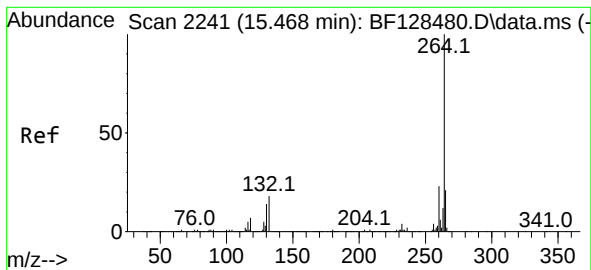
Tgt Ion:184 Resp: 20804
Ion Ratio Lower Upper
184 100
185 17.4 11.9 17.9
183 5.9 9.3 13.9#



#79
Terphenyl-d14
Concen: 72.240 ng
RT: 12.951 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF128553.D
Acq: 28 May 2022 17:36

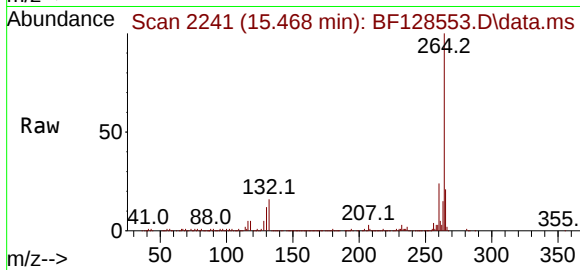
Tgt Ion:244 Resp: 1473534
Ion Ratio Lower Upper
244 100
212 7.7 6.1 9.1
122 11.0 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF128553.D
 Acq: 28 May 2022 17:36

Instrument :
 BNA_F
 ClientSampleId :
 P009-SS003-1218-01



Tgt Ion:264 Resp: 356207
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 20.8 17.2 25.8

