

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052822\
 Data File : BF128559.D
 Acq On : 28 May 2022 20:38
 Operator : CG\JU
 Sample : N2932-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P016-SS005-0006-01

Quant Time: May 28 22:43:50 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)

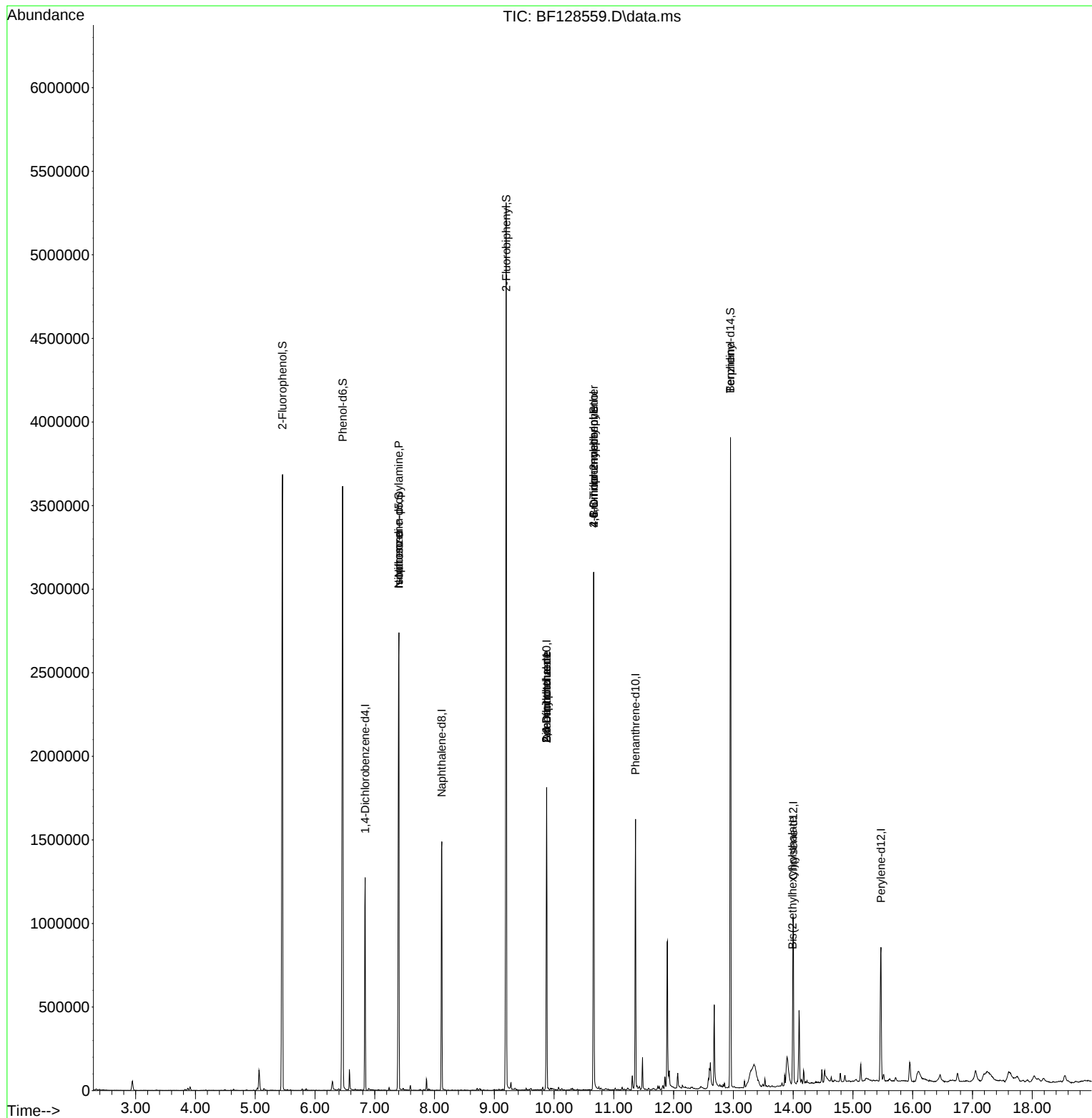
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	172709	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	649373	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	337903	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	551397	20.000	ng	0.00
76) Chrysene-d12	14.004	240	354170	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	369491	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1066428	102.278	ng	0.00
7) Phenol-d6	6.463	99	1371989	103.200	ng	0.00
23) Nitrobenzene-d5	7.404	82	942994	83.772	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	346010	107.581	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1662506	79.934	ng	0.00
79) Terphenyl-d14	12.951	244	1359269	74.147	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.380	77	591	Below Cal	#	72
19) n-Nitroso-di-n-propyla...	7.404	70	129743	15.917	ng	# 76
25) Isophorone	7.404	82	939062	45.222	ng	# 65
50) Dimethylphthalate	9.874	163	60105	2.742	ng	# 1
51) 2,6-Dinitrotoluene	9.874	165	44000	10.953	ng	# 25
57) 2,4-Dinitrotoluene	9.874	165	44000	9.155	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	792	5.777	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	23094	4.054	ng	# 1
77) Benzidine	12.951	184	20154	2.467	ng	# 94
84) Bis(2-ethylhexyl)phtha...	13.992	149	38112	2.800	ng	# 98

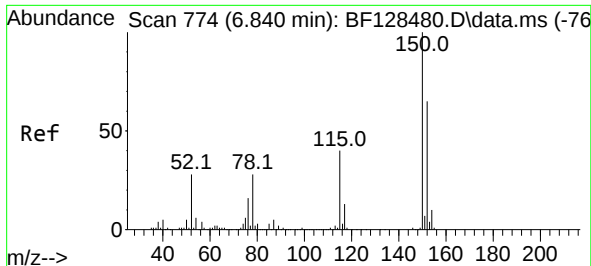
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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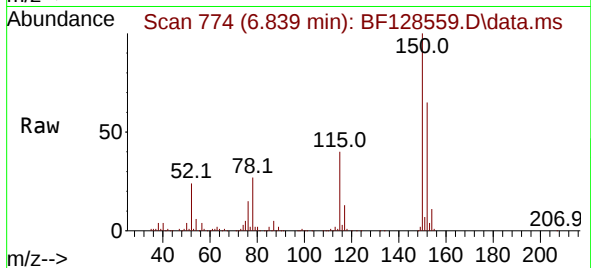
Quant Time: May 28 22:43:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
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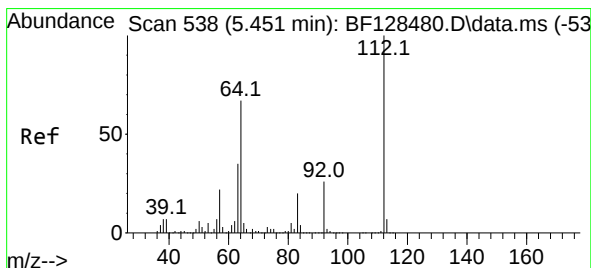
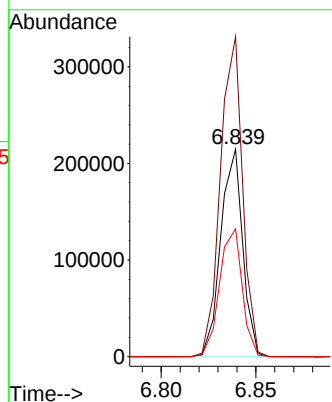
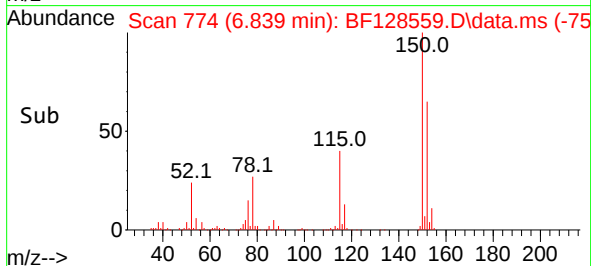


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128559.D
Acq: 28 May 2022 20:38

Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01

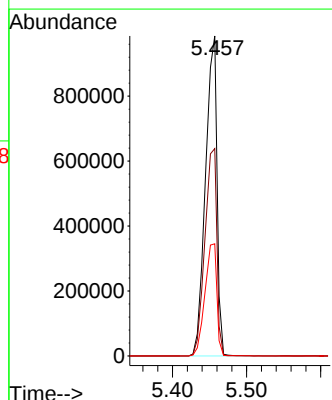
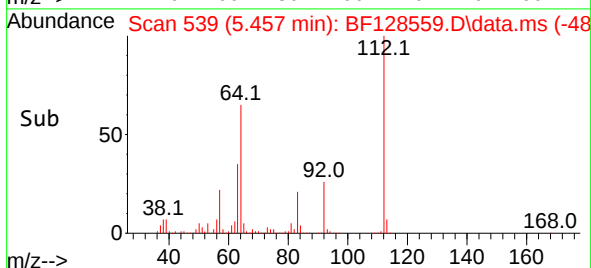
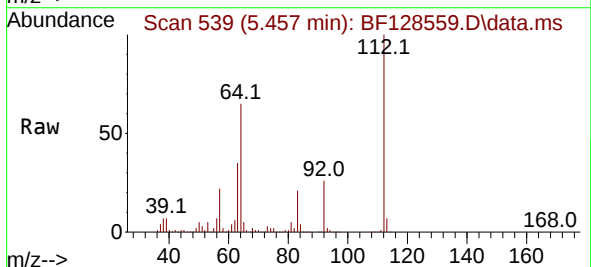


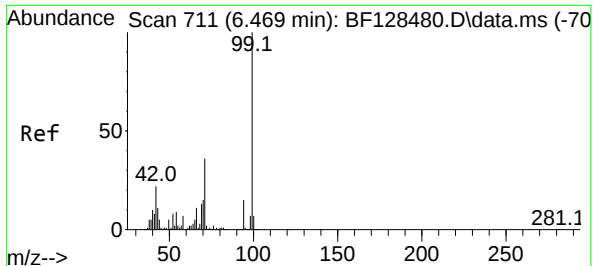
Tgt Ion:152 Resp: 172709
Ion Ratio Lower Upper
152 100
150 154.2 123.7 185.5
115 61.6 49.9 74.9



#5
2-Fluorophenol
Concen: 102.278 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128559.D
Acq: 28 May 2022 20:38

Tgt Ion:112 Resp: 1066428
Ion Ratio Lower Upper
112 100
64 64.8 53.3 79.9
63 35.0 28.0 42.0

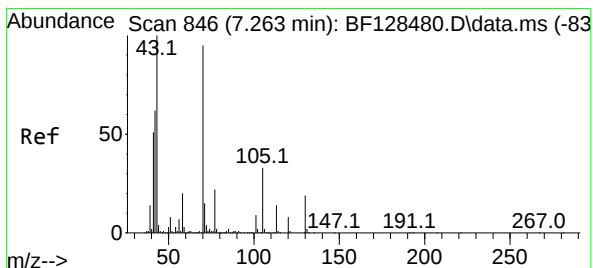
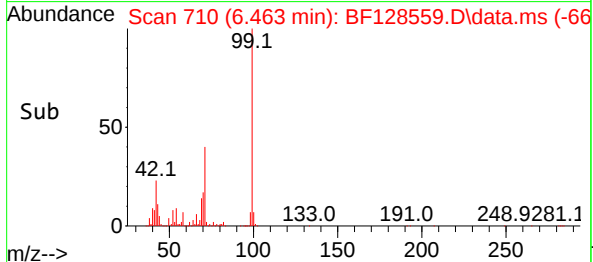
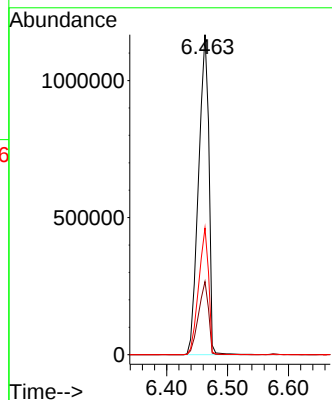
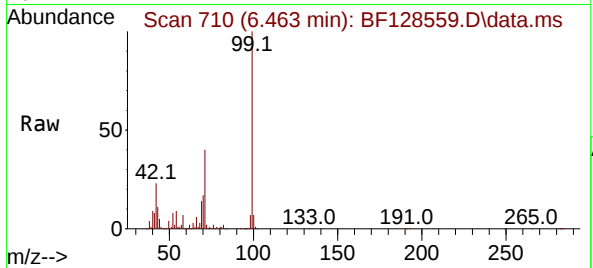




#7
Phenol-d6
Concen: 103.200 ng
RT: 6.463 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF128559.D
Acq: 28 May 2022 20:38

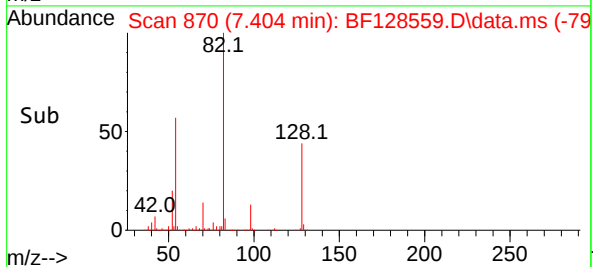
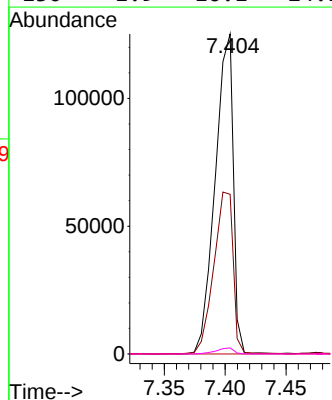
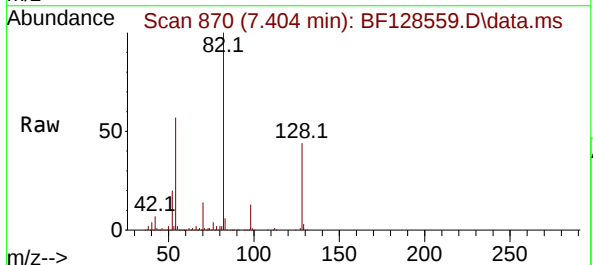
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01

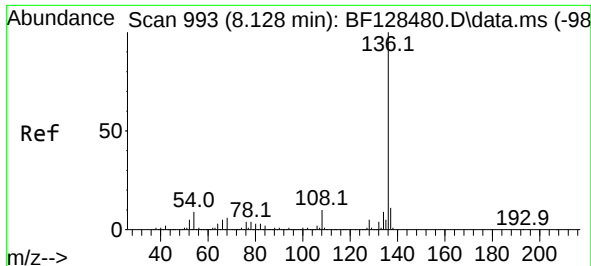
Tgt Ion: 99 Resp: 1371989
Ion Ratio Lower Upper
99 100
42 22.9 17.3 25.9
71 39.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.917 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.141 min
Lab File: BF128559.D
Acq: 28 May 2022 20:38

Tgt Ion: 70 Resp: 129743
Ion Ratio Lower Upper
70 100
42 49.9 52.3 78.5#
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128559.D

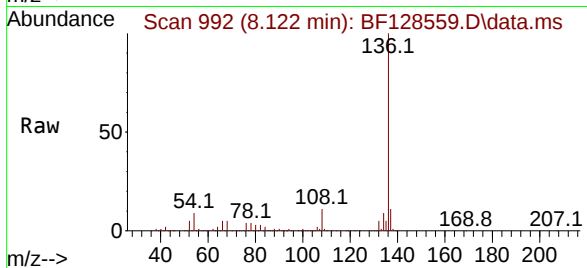
Acq: 28 May 2022 20:38

Instrument :

BNA_F

ClientSampleId :

P016-SS005-0006-01



Tgt Ion:136 Resp: 649373

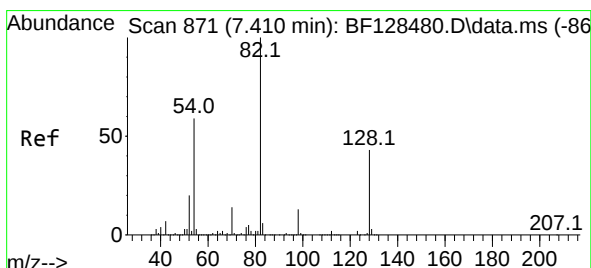
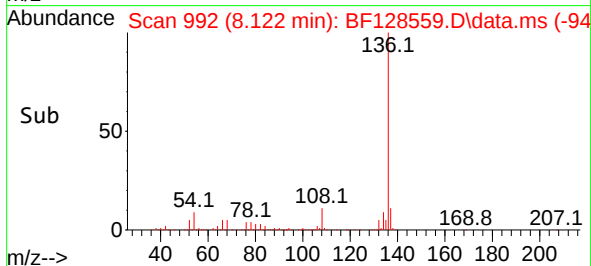
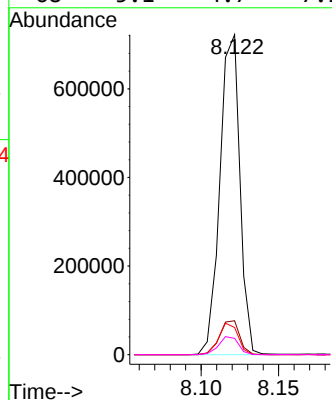
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 8.5 7.5 11.3

68 5.1 4.7 7.1



#23

Nitrobenzene-d5

Concen: 83.772 ng

RT: 7.404 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF128559.D

Acq: 28 May 2022 20:38

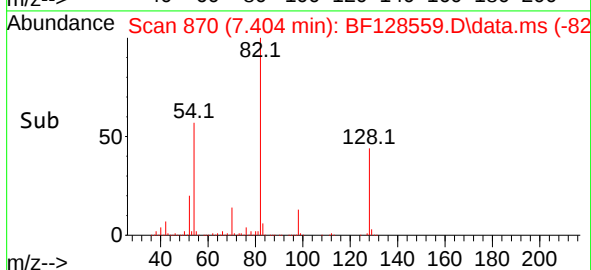
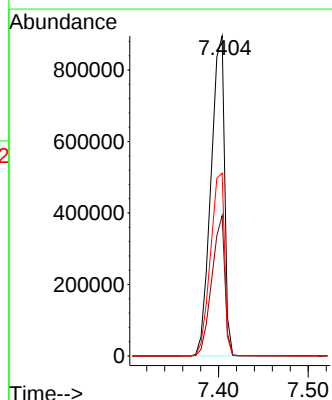
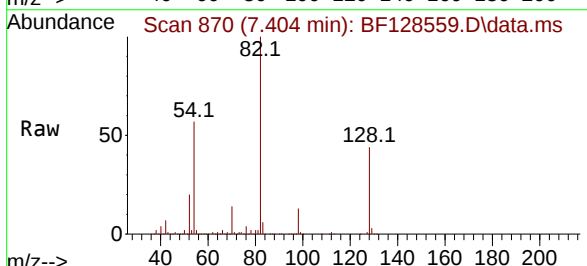
Tgt Ion: 82 Resp: 942994

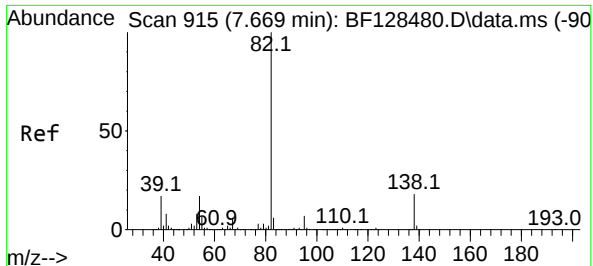
Ion Ratio Lower Upper

82 100

128 43.8 34.0 51.0

54 57.1 46.9 70.3

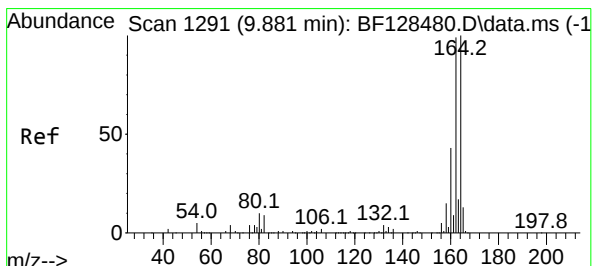
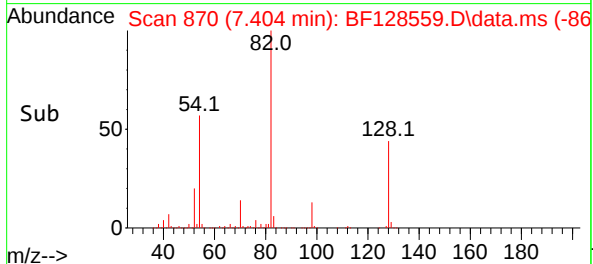
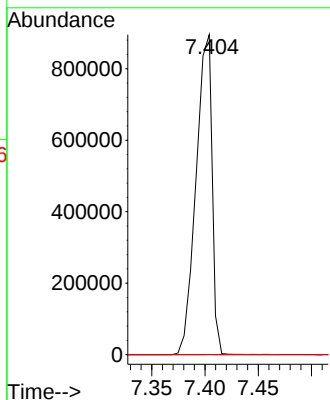
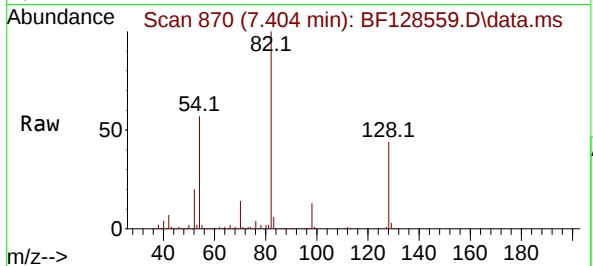




#25
Isophorone
Concen: 45.222 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128559.D
Acq: 28 May 2022 20:38

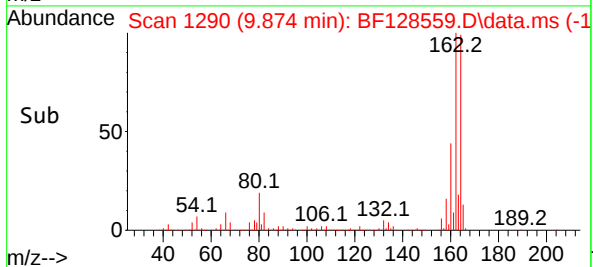
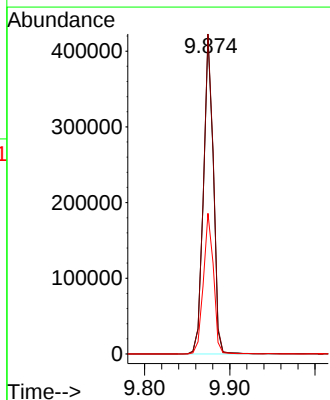
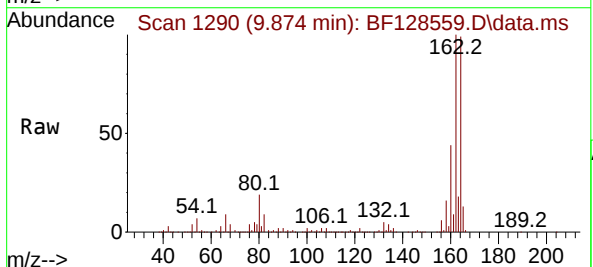
Instrument :
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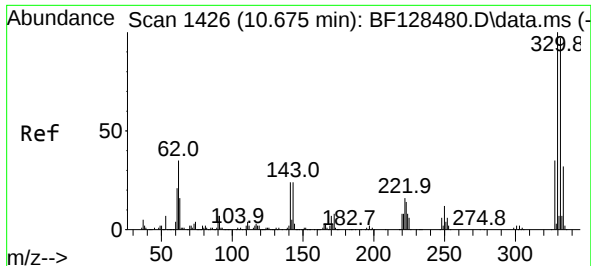
Tgt Ion: 82 Resp: 939062
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1290
Delta R.T. -0.007 min
Lab File: BF128559.D
Acq: 28 May 2022 20:38

Tgt Ion:164 Resp: 337903
Ion Ratio Lower Upper
164 100
162 101.0 79.5 119.3
160 44.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 107.581 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128559.D

Acq: 28 May 2022 20:38

Instrument :

BNA_F

ClientSampleId :

P016-SS005-0006-01

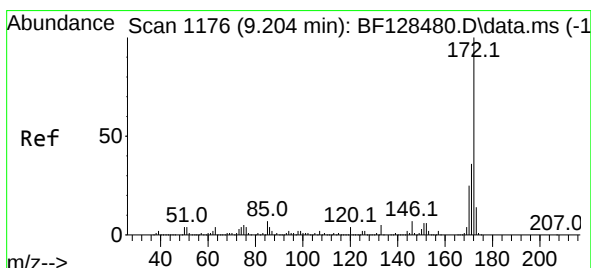
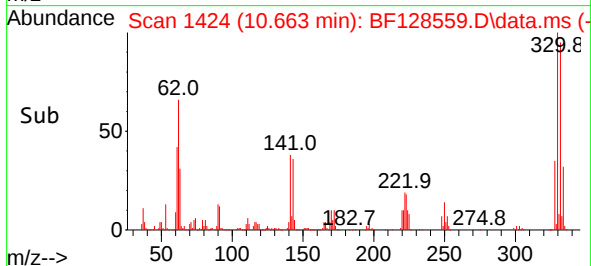
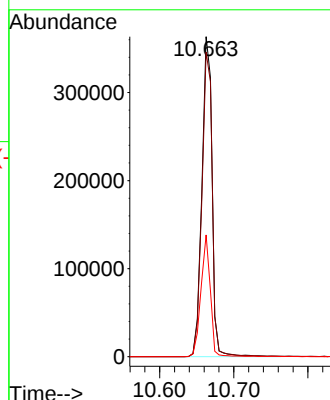
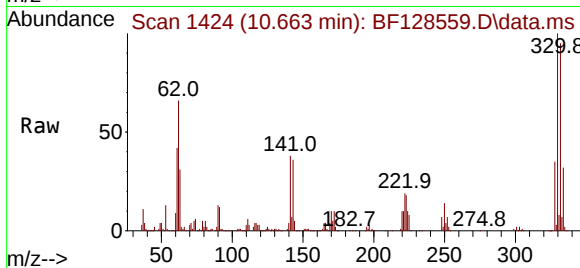
Tgt Ion:330 Resp: 346010

Ion Ratio Lower Upper

330 100

332 96.8 76.8 115.2

141 35.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 79.934 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128559.D

Acq: 28 May 2022 20:38

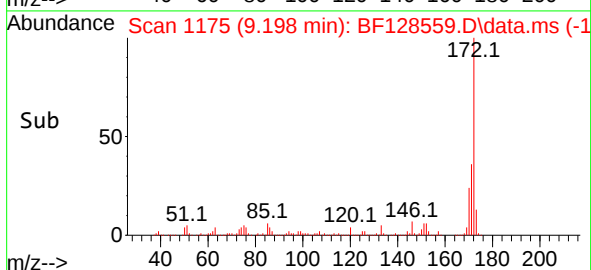
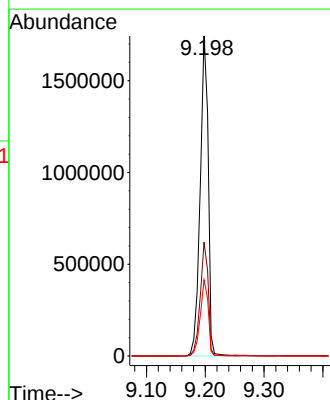
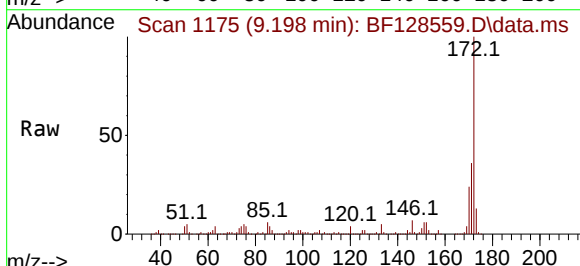
Tgt Ion:172 Resp: 1662506

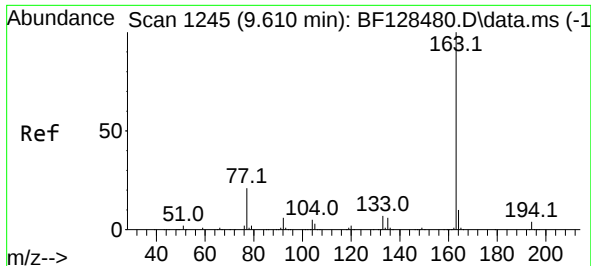
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.8 19.8 29.8

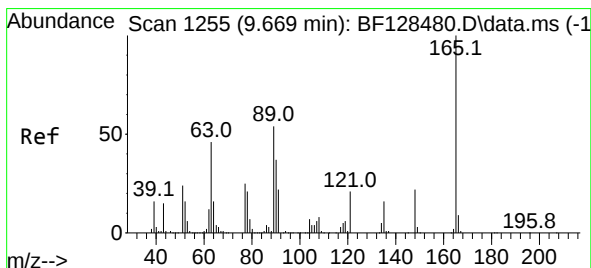
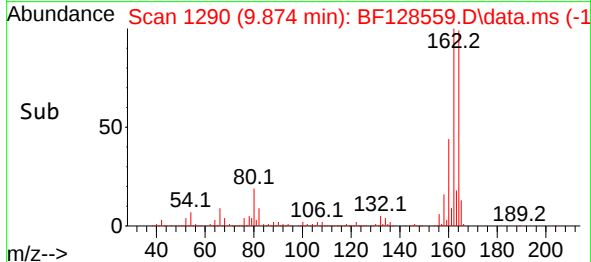
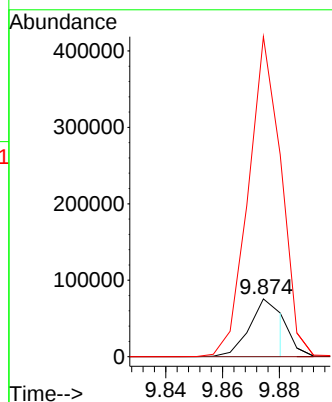
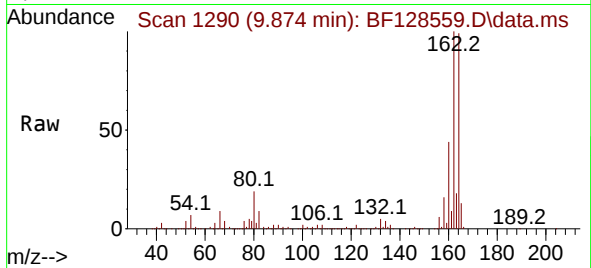




#50
Dimethylphthalate
Concen: 2.742 ng
RT: 9.874 min Scan# 1290
Delta R.T. 0.264 min
Lab File: BF128559.D
Acq: 28 May 2022 20:38

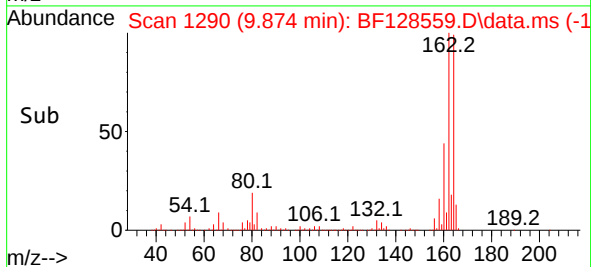
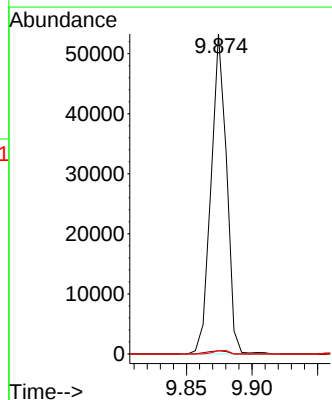
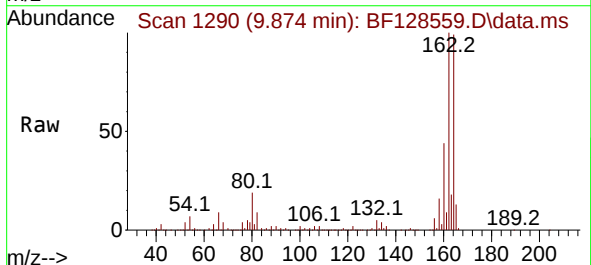
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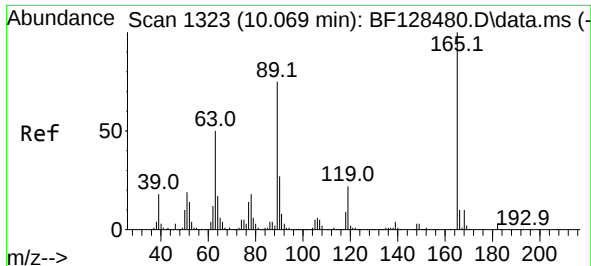
Tgt Ion:163 Resp: 60105
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 554.6 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.953 ng
RT: 9.874 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128559.D
Acq: 28 May 2022 20:38

Tgt Ion:165 Resp: 44000
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.0 43.6 65.4#

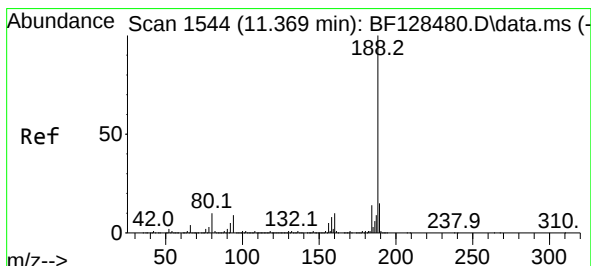
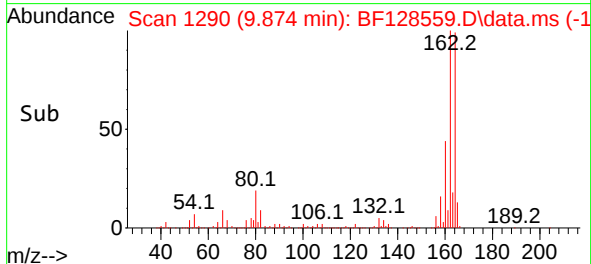
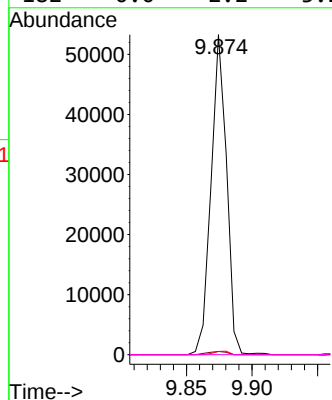
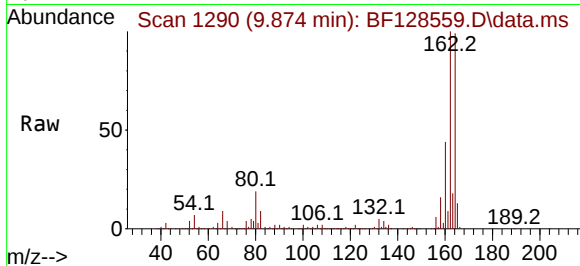




#57
2,4-Dinitrotoluene
Concen: 9.155 ng
RT: 9.874 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128559.D
Acq: 28 May 2022 20:38

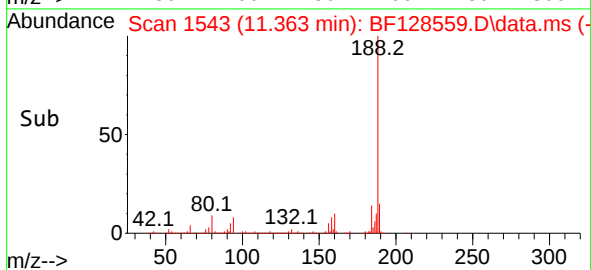
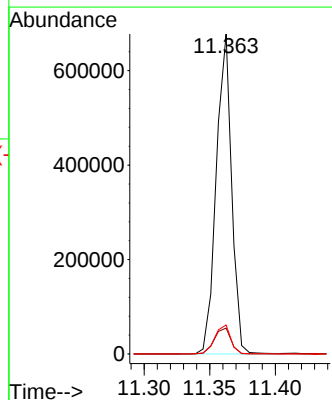
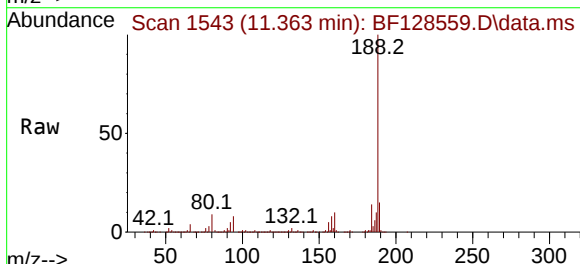
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01

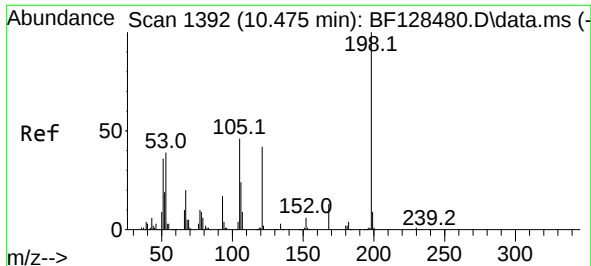
Tgt Ion:165	Resp:	44000
Ion Ratio	Lower	Upper
165	100	
63	1.0	39.8 59.6#
89	1.0	60.2 90.2#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128559.D
Acq: 28 May 2022 20:38

Tgt Ion:188	Resp:	551397
Ion Ratio	Lower	Upper
188	100	
94	8.1	7.0 10.6
80	9.0	7.6 11.4

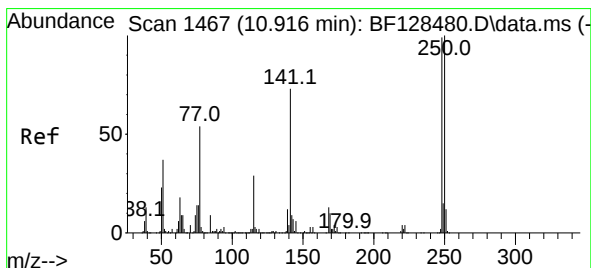
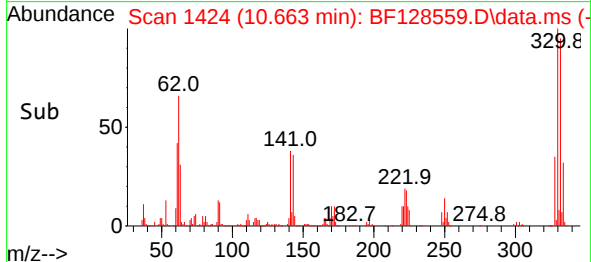
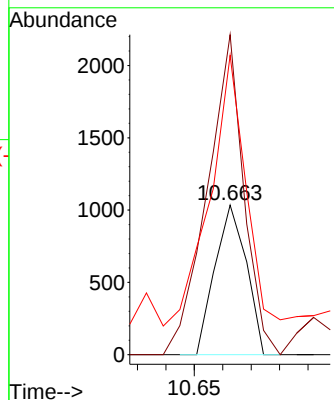
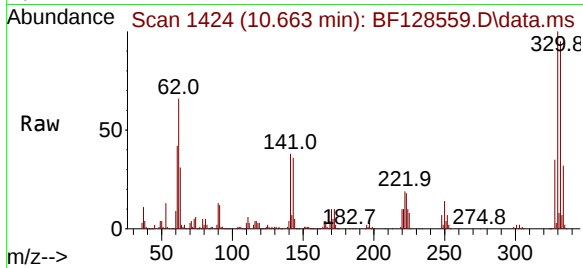




#65
4,6-Dinitro-2-methylphenol
Concen: 5.777 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128559.D
Acq: 28 May 2022 20:38

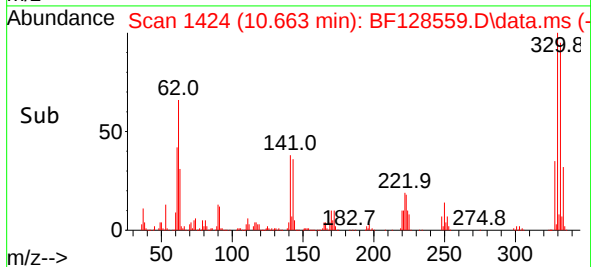
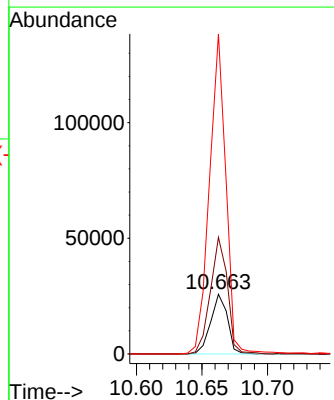
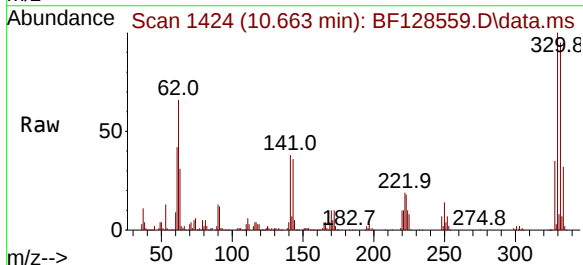
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01

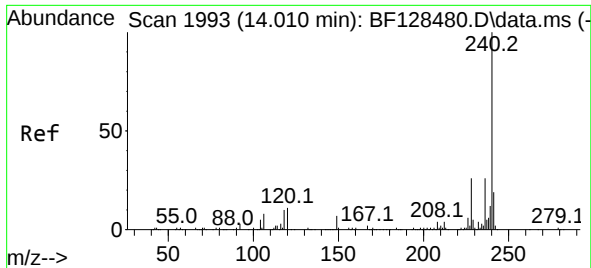
Tgt Ion:198 Resp: 792
Ion Ratio Lower Upper
198 100
51 213.8 37.6 77.6#
105 200.0 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 4.054 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128559.D
Acq: 28 May 2022 20:38

Tgt Ion:248 Resp: 23094
Ion Ratio Lower Upper
248 100
250 195.6 80.6 120.8#
141 536.2 58.9 88.3#

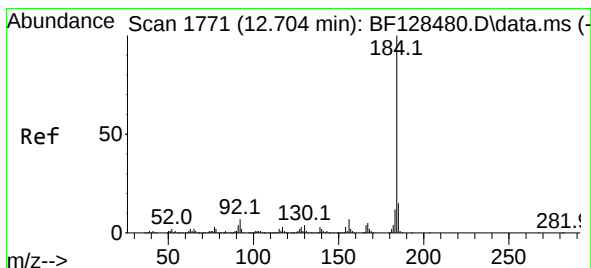
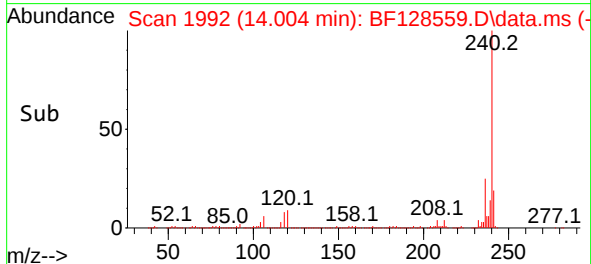
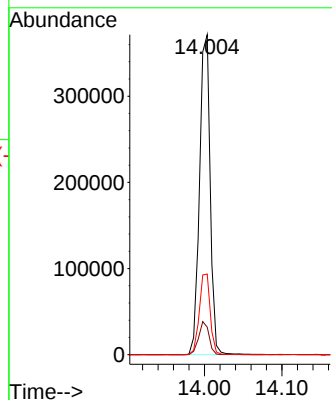
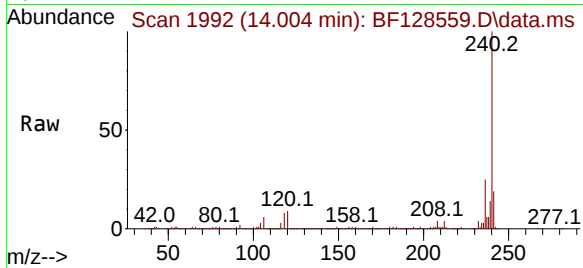




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128559.D
Acq: 28 May 2022 20:38

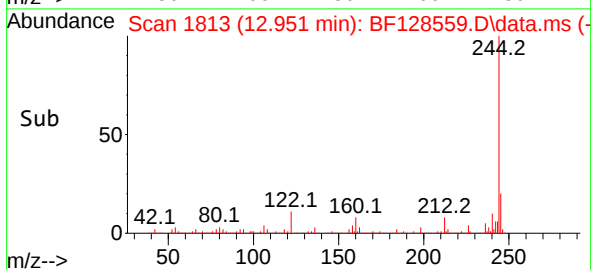
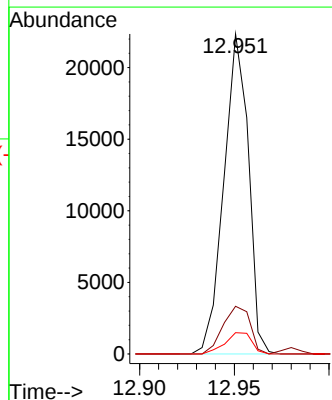
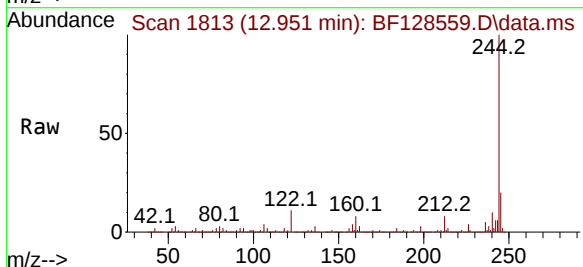
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01

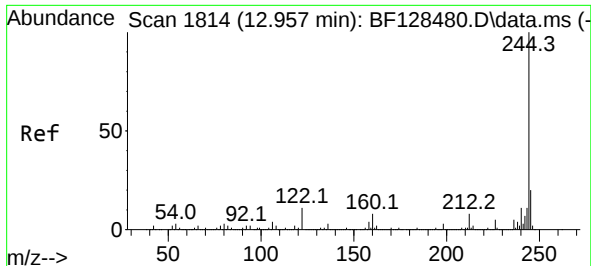
Tgt Ion:240 Resp: 354170
Ion Ratio Lower Upper
240 100
120 8.6 8.9 13.3#
236 25.2 20.8 31.2



#77
Benzidine
Concen: 2.467 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.247 min
Lab File: BF128559.D
Acq: 28 May 2022 20:38

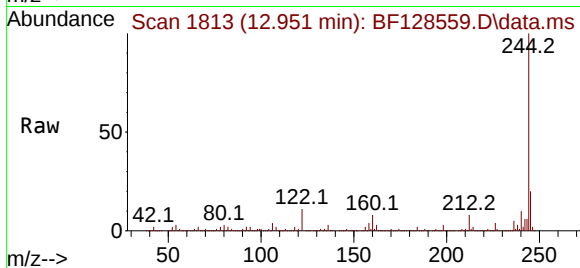
Tgt Ion:184 Resp: 20154
Ion Ratio Lower Upper
184 100
185 14.9 11.9 17.9
183 6.7 9.3 13.9#





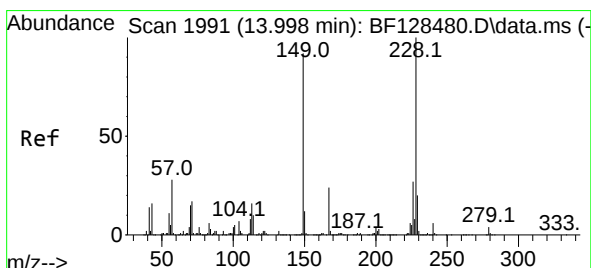
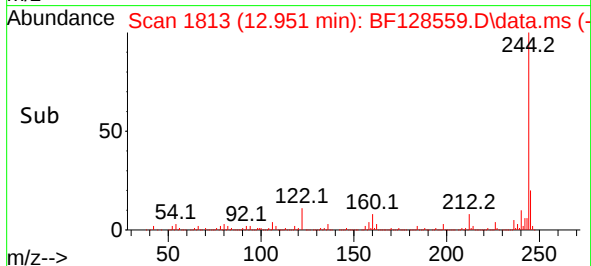
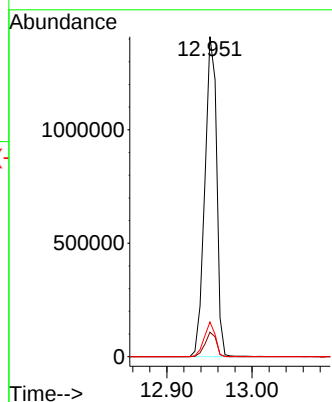
#79
 Terphenyl-d14
 Concen: 74.147 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128559.D
 Acq: 28 May 2022 20:38

Instrument :
 BNA_F
 ClientSampleId :
 P016-SS005-0006-01



Tgt Ion:244 Resp: 1359269

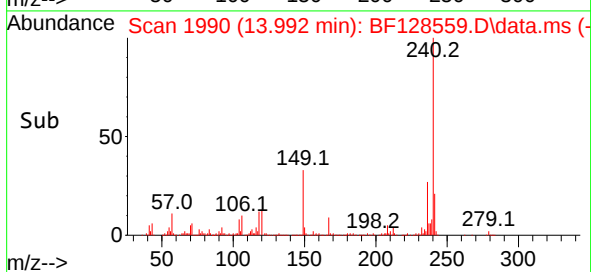
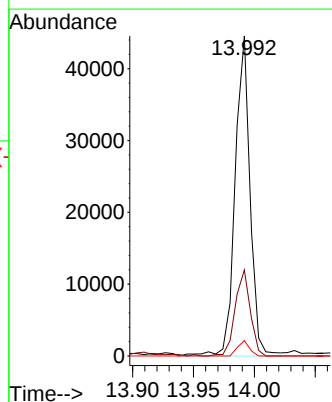
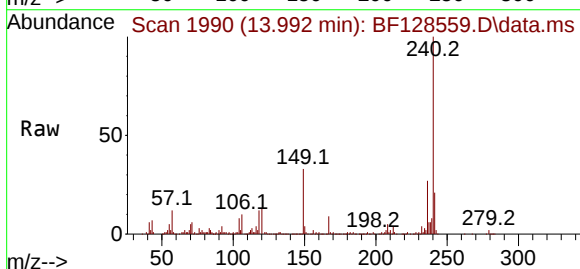
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	10.8	8.8	13.2

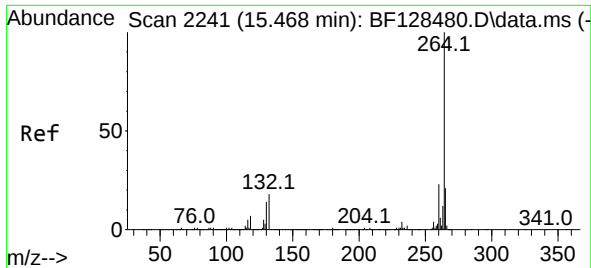


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.800 ng
 RT: 13.992 min Scan# 1990
 Delta R.T. -0.006 min
 Lab File: BF128559.D
 Acq: 28 May 2022 20:38

Tgt Ion:149 Resp: 38112

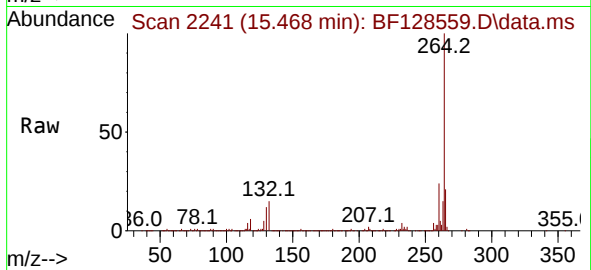
Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.0	31.4
279	4.8	3.1	4.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF128559.D
Acq: 28 May 2022 20:38

Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01



Tgt Ion:264 Resp: 369491

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.4	27.6
265	21.0	17.2	25.8

