

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128515.D
 Acq On : 27 May 2022 17:50
 Operator : CG\JU
 Sample : PB145118BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145118BL

Quant Time: May 27 23:18:58 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)

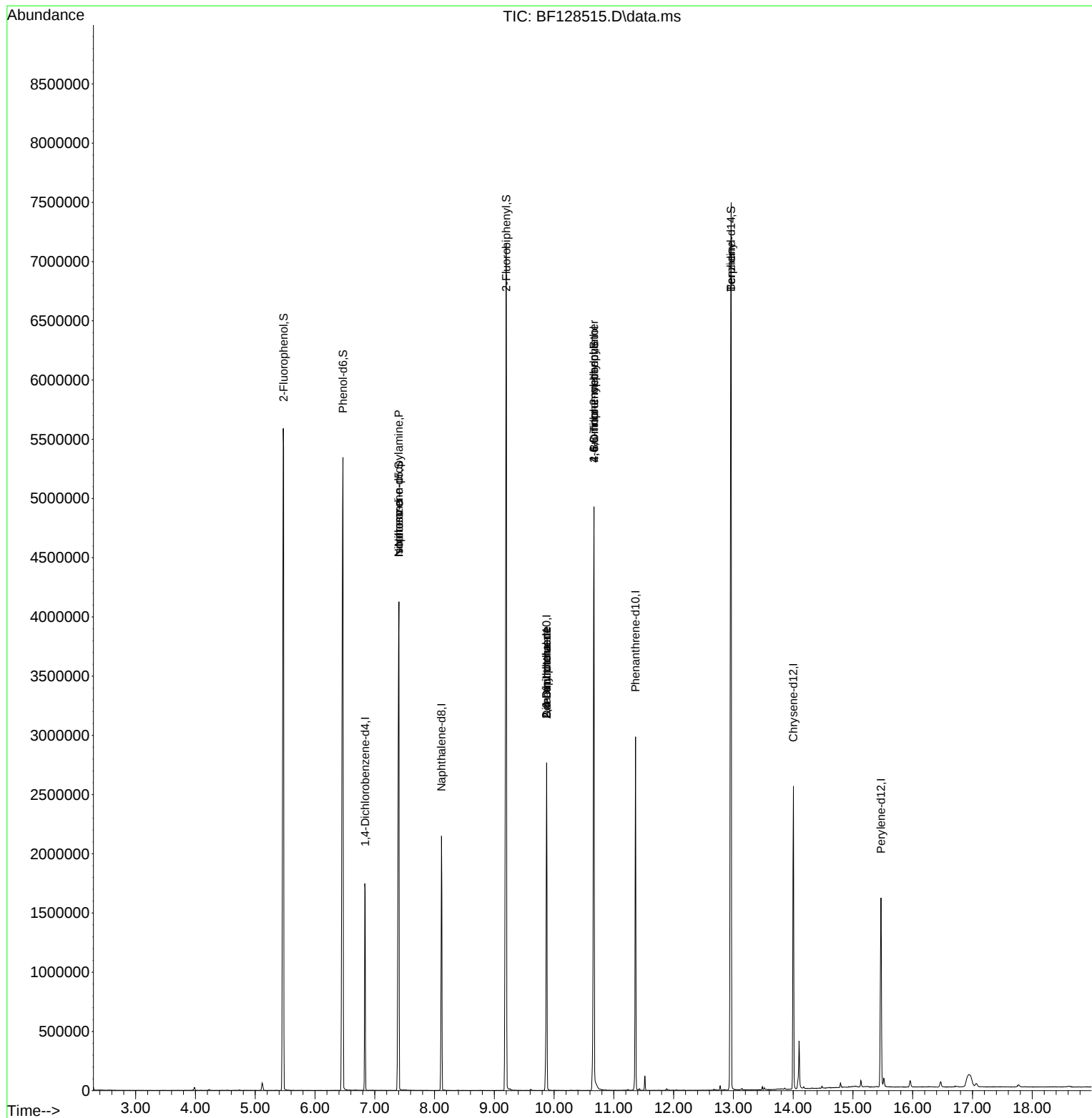
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	264493	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	1025696	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	572826	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	1073837	20.000	ng	0.00
76) Chrysene-d12	14.004	240	857759	20.000	ng	0.00
86) Perylene-d12	15.468	264	744038	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1902696	119.158	ng	0.02
7) Phenol-d6	6.469	99	2404705	118.112	ng	0.00
23) Nitrobenzene-d5	7.404	82	1671042	93.984	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	703039	128.943	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	3034907	86.076	ng	0.00
79) Terphenyl-d14	12.963	244	3281664	73.914	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.375	77	285	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	231631	18.555	ng	# 75
25) Isophorone	7.404	82	1666575	50.811	ng	# 65
50) Dimethylphthalate	9.875	163	100618	2.708	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	73264	10.759	ng	# 29
57) 2,4-Dinitrotoluene	9.875	165	73264	8.993	ng	# 24
65) 4,6-Dinitro-2-methylph...	10.669	198	1787	5.821	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	46839	4.222	ng	# 1
77) Benzidine	12.963	184	47002	2.376	ng	# 94

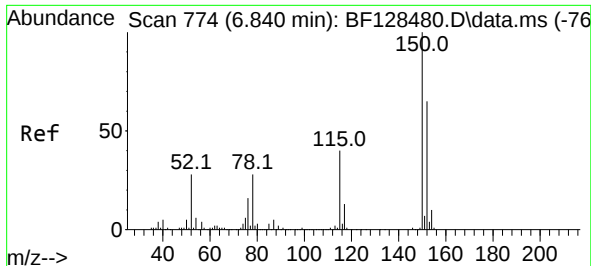
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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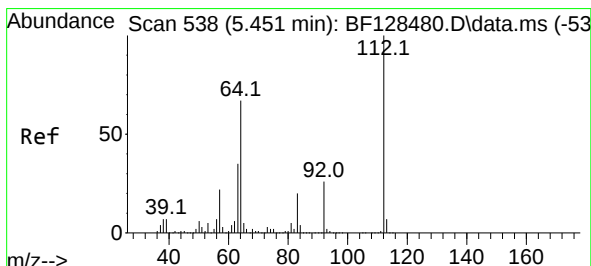
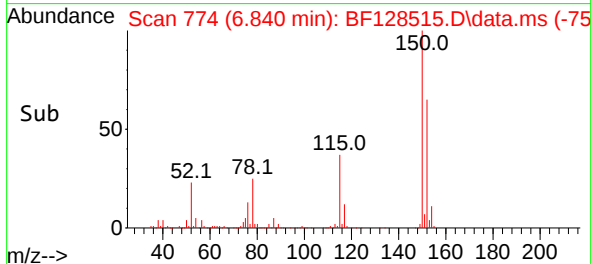
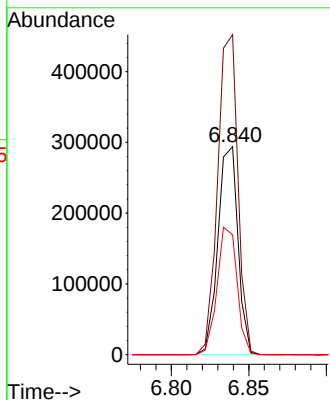
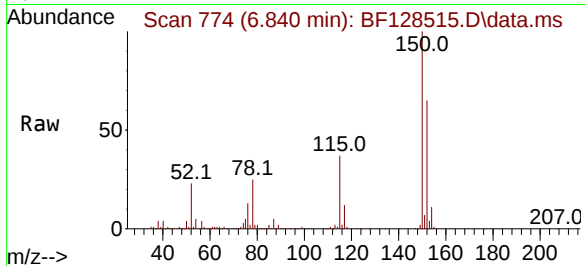




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128515.D
Acq: 27 May 2022 17:50

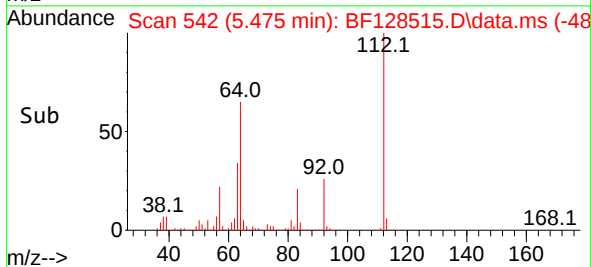
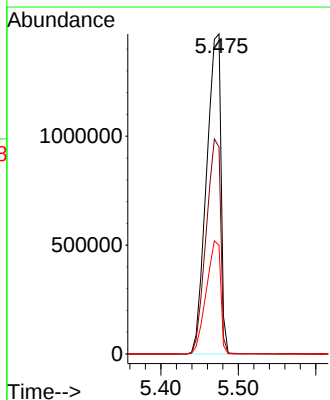
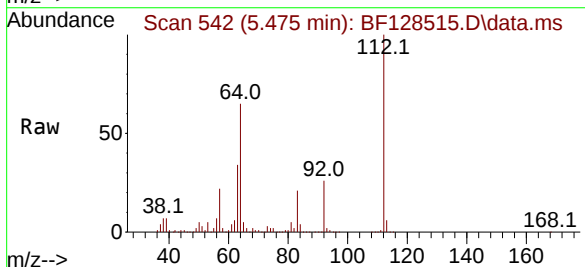
Instrument :
BNA_F
ClientSampleId :
PB145118BL

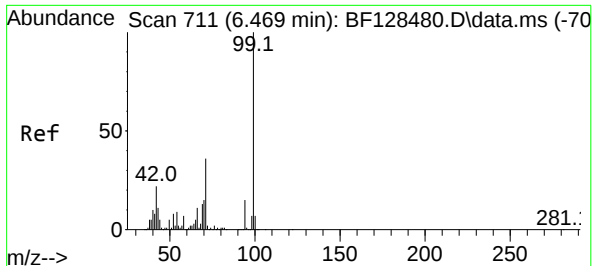
Tgt Ion:152 Resp: 264493
Ion Ratio Lower Upper
152 100
150 153.8 123.7 185.5
115 57.6 49.9 74.9



#5
2-Fluorophenol
Concen: 119.158 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.023 min
Lab File: BF128515.D
Acq: 27 May 2022 17:50

Tgt Ion:112 Resp: 1902696
Ion Ratio Lower Upper
112 100
64 64.7 53.3 79.9
63 34.0 28.0 42.0

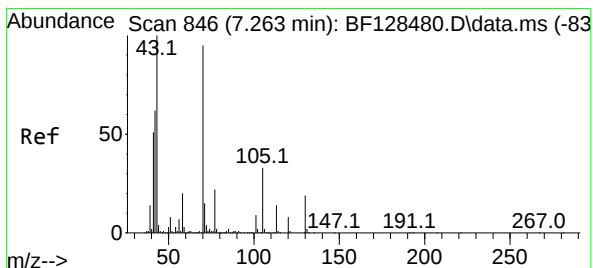
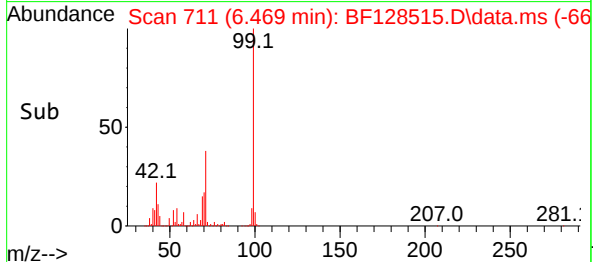
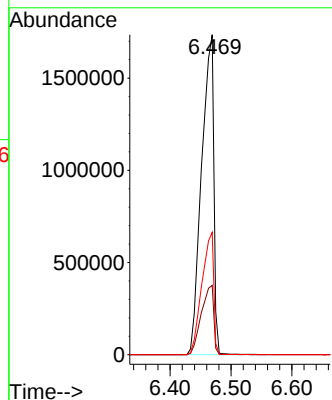
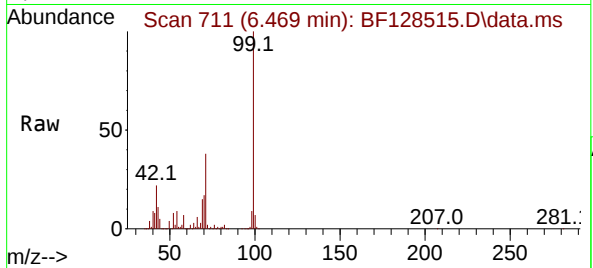




#7
Phenol-d6
Concen: 118.112 ng
RT: 6.469 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF128515.D
Acq: 27 May 2022 17:50

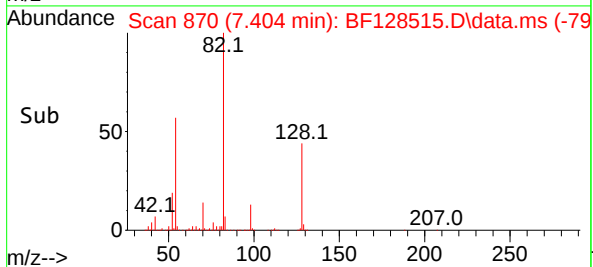
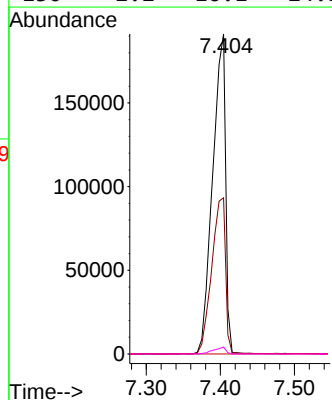
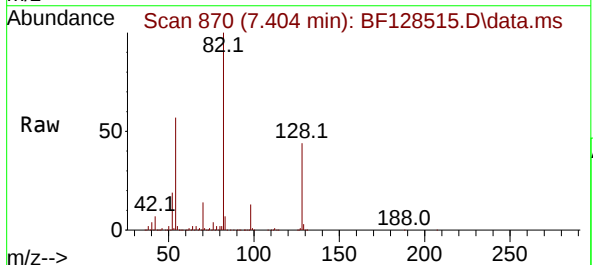
Instrument :
BNA_F
ClientSampleId :
PB145118BL

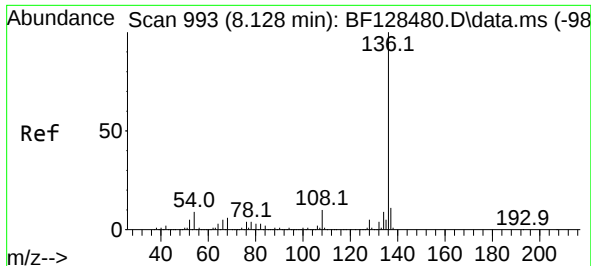
Tgt Ion: 99 Resp: 2404705
Ion Ratio Lower Upper
99 100
42 21.7 17.3 25.9
71 38.3 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.555 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.141 min
Lab File: BF128515.D
Acq: 27 May 2022 17:50

Tgt Ion: 70 Resp: 231631
Ion Ratio Lower Upper
70 100
42 48.8 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 993

Delta R.T. -0.012 min

Lab File: BF128515.D

Acq: 27 May 2022 17:50

Instrument :

BNA_F

ClientSampleId :

PB145118BL

Tgt Ion:136 Resp: 1025696

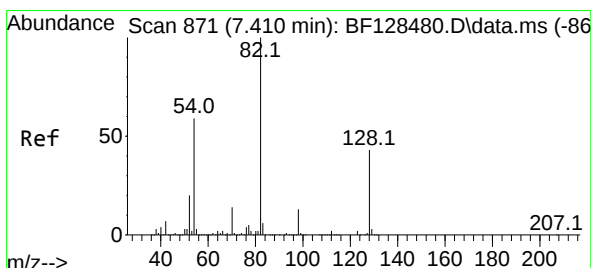
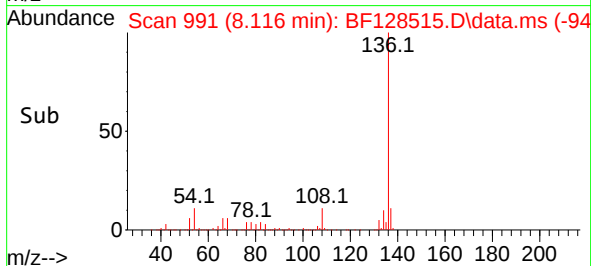
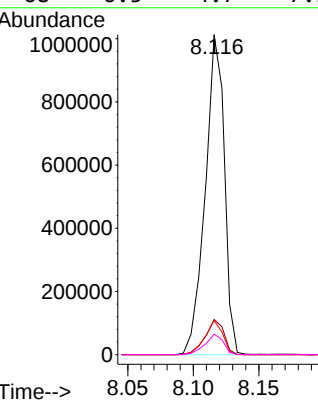
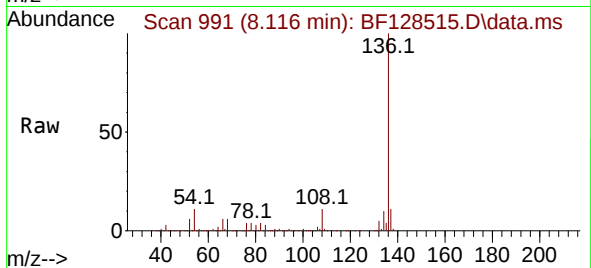
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 10.7 7.5 11.3

68 6.5 4.7 7.1



#23

Nitrobenzene-d5

Concen: 93.984 ng

RT: 7.404 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF128515.D

Acq: 27 May 2022 17:50

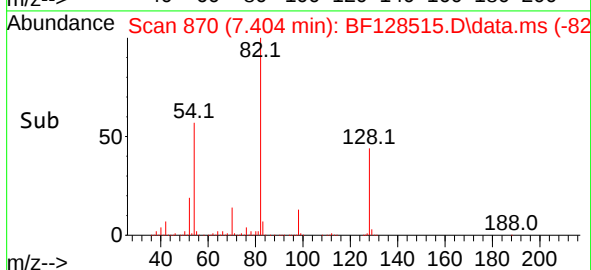
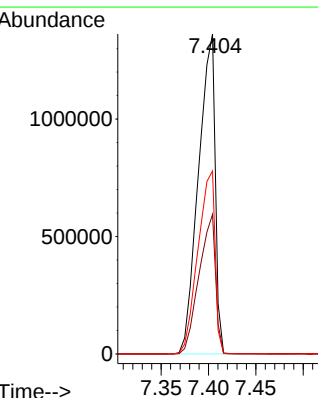
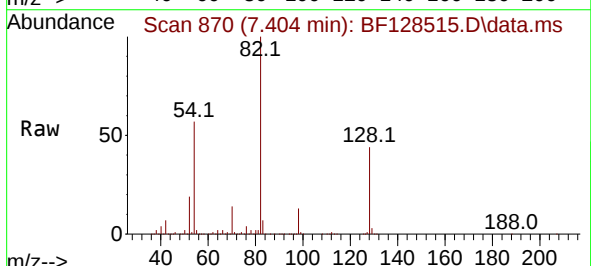
Tgt Ion: 82 Resp: 1671042

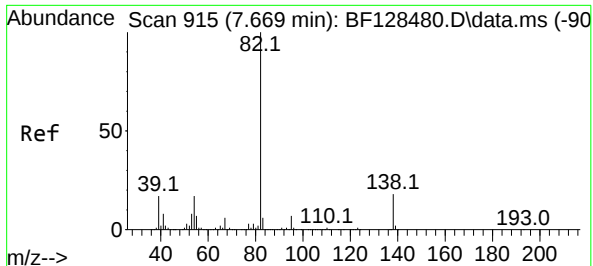
Ion Ratio Lower Upper

82 100

128 43.6 34.0 51.0

54 57.2 46.9 70.3

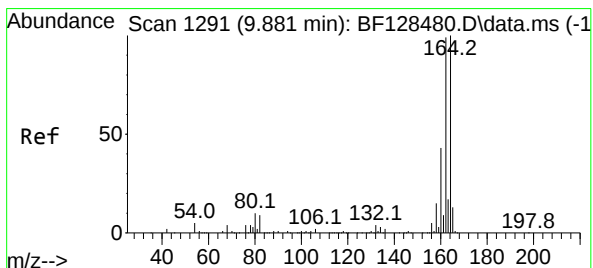
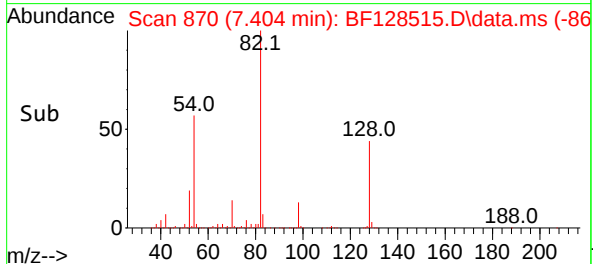
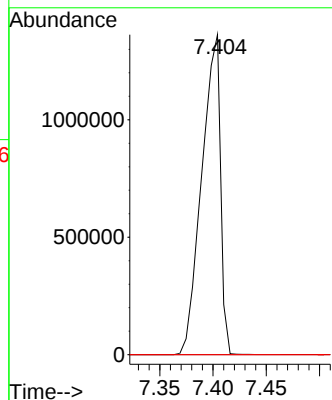
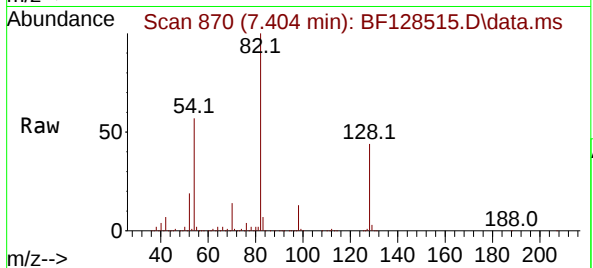




#25
Isophorone
Concen: 50.811 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128515.D
Acq: 27 May 2022 17:50

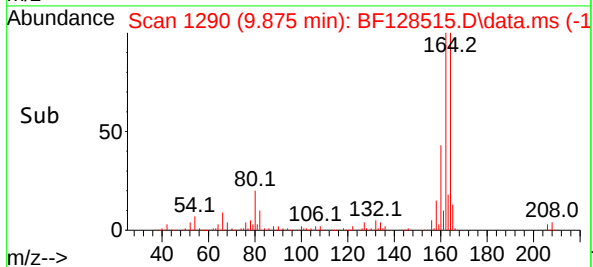
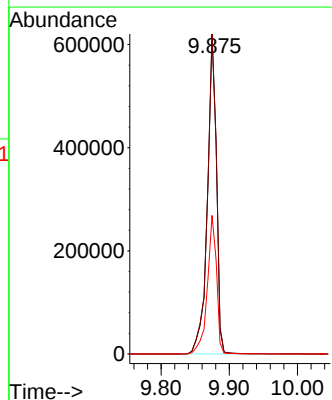
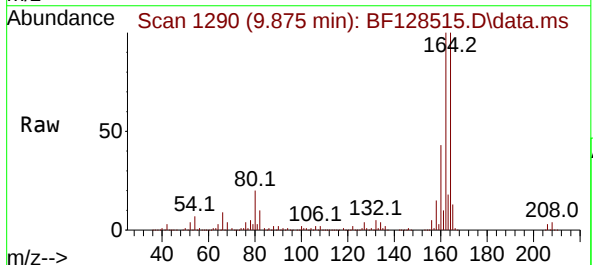
Instrument :
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ClientSampleId :
PB145118BL

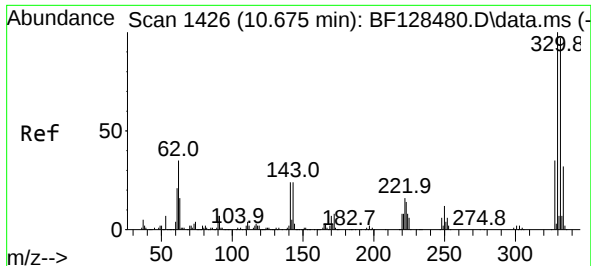
Tgt Ion: 82 Resp: 1666575
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128515.D
Acq: 27 May 2022 17:50

Tgt Ion:164 Resp: 572826
Ion Ratio Lower Upper
164 100
162 100.3 79.5 119.3
160 43.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 128.943 ng

RT: 10.669 min Scan# 1425

Delta R.T. -0.006 min

Lab File: BF128515.D

Acq: 27 May 2022 17:50

Instrument :

BNA_F

ClientSampleId :

PB145118BL

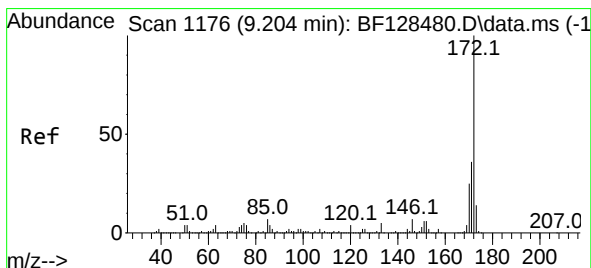
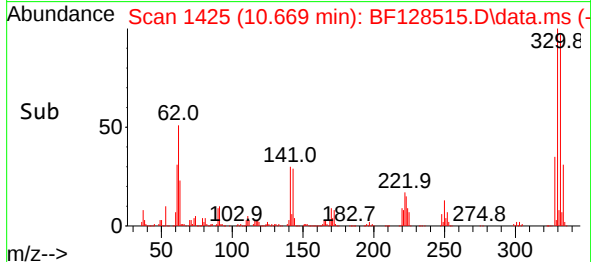
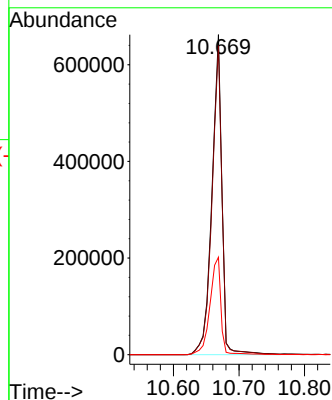
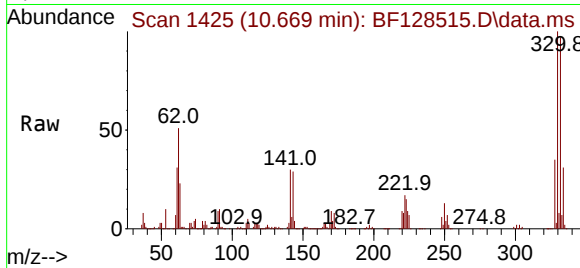
Tgt Ion:330 Resp: 703039

Ion Ratio Lower Upper

330 100

332 97.1 76.8 115.2

141 33.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 86.076 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128515.D

Acq: 27 May 2022 17:50

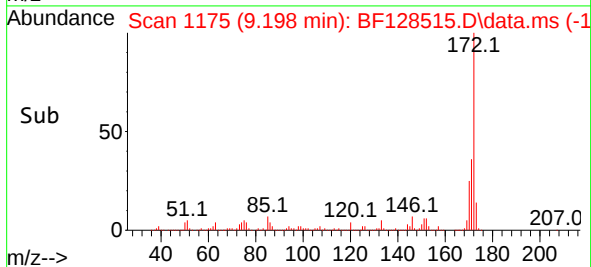
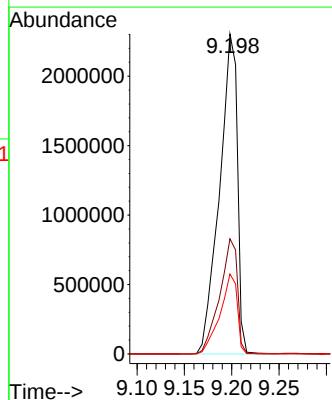
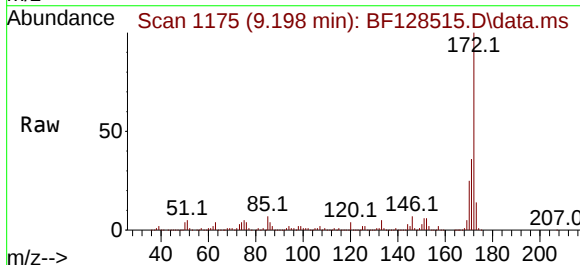
Tgt Ion:172 Resp: 3034907

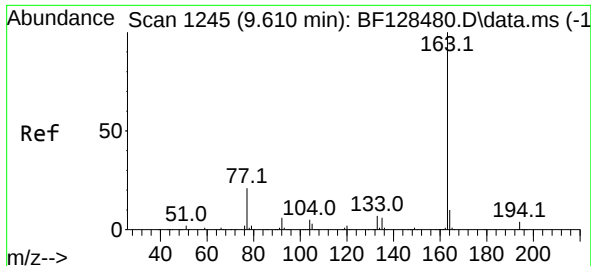
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 25.0 19.8 29.8

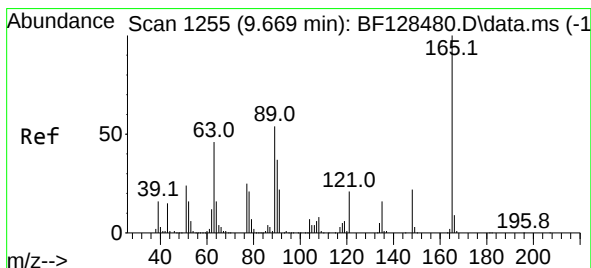
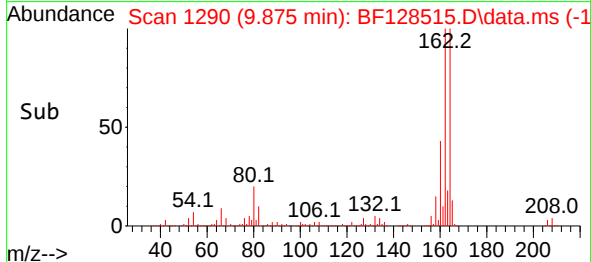
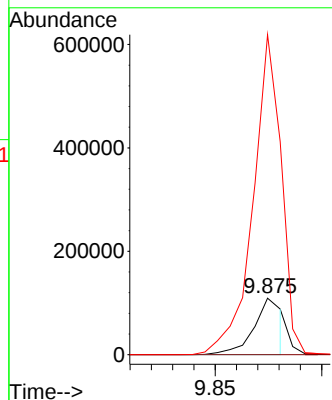
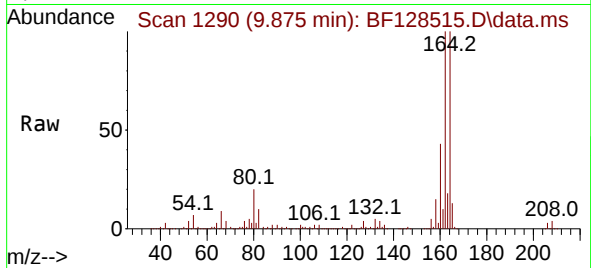




#50
Dimethylphthalate
Concen: 2.708 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF128515.D
Acq: 27 May 2022 17:50

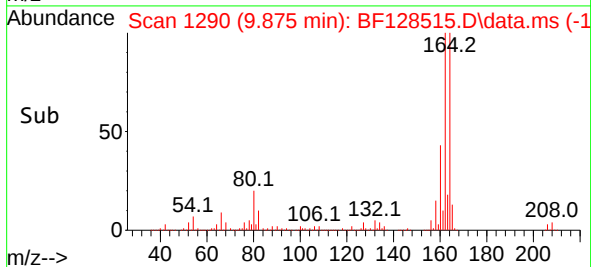
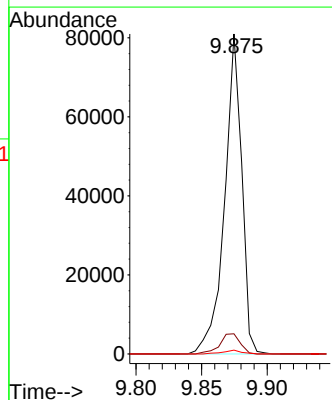
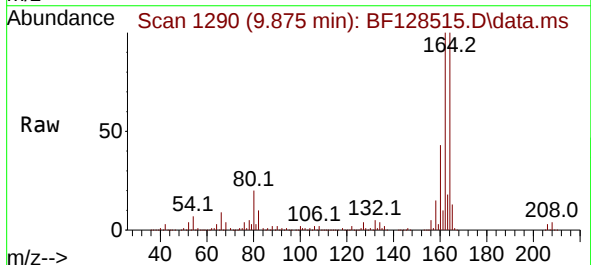
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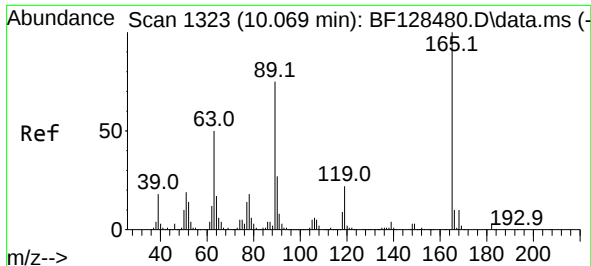
Tgt Ion:163 Resp: 100618
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 566.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.759 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128515.D
Acq: 27 May 2022 17:50

Tgt Ion:165 Resp: 73264
Ion Ratio Lower Upper
165 100
63 6.3 44.9 67.3#
89 1.2 43.6 65.4#

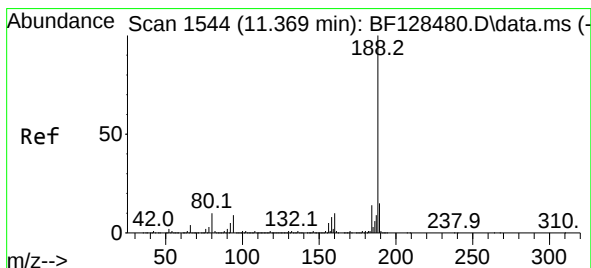
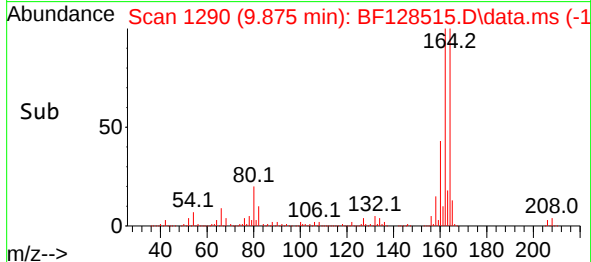
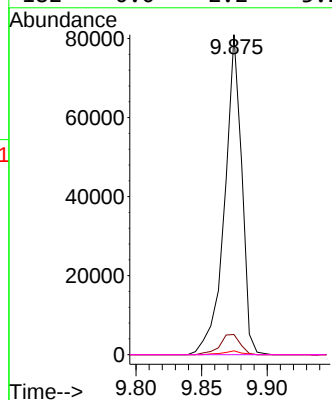
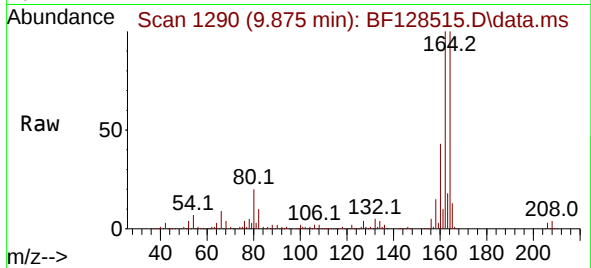




#57
2,4-Dinitrotoluene
Concen: 8.993 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128515.D
Acq: 27 May 2022 17:50

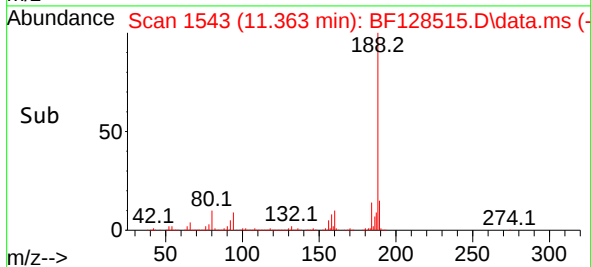
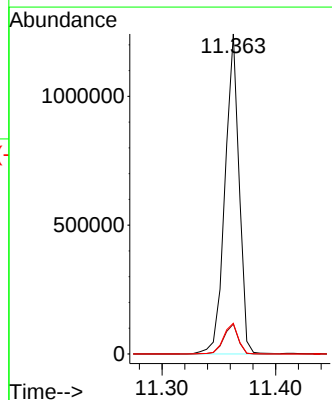
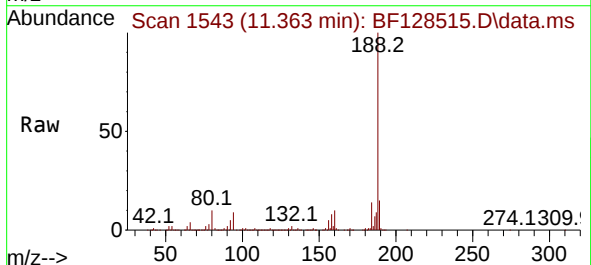
Instrument :
BNA_F
ClientSampleId :
PB145118BL

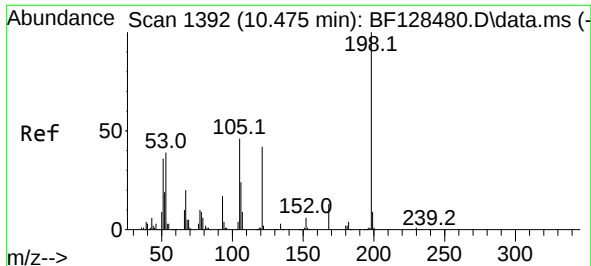
Tgt Ion:165 Resp: 73264
Ion Ratio Lower Upper
165 100
63 6.3 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128515.D
Acq: 27 May 2022 17:50

Tgt Ion:188 Resp: 1073837
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 9.6 7.6 11.4

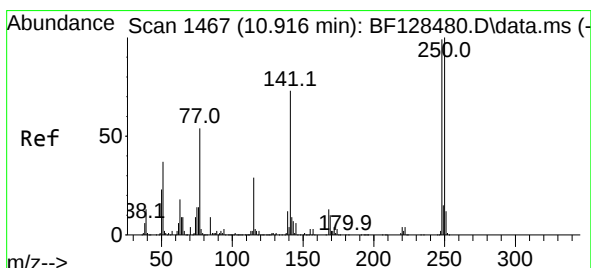
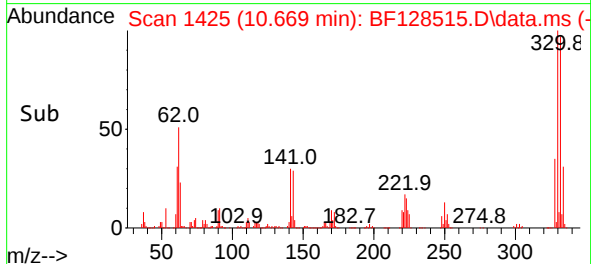
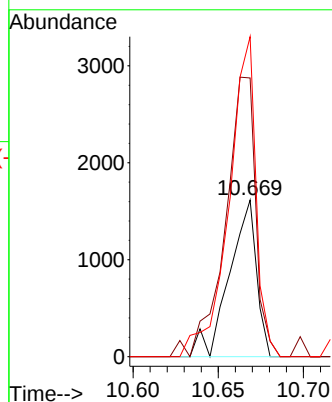
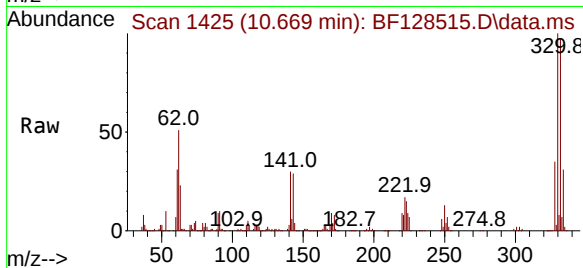




#65
4,6-Dinitro-2-methylphenol
Concen: 5.821 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.194 min
Lab File: BF128515.D
Acq: 27 May 2022 17:50

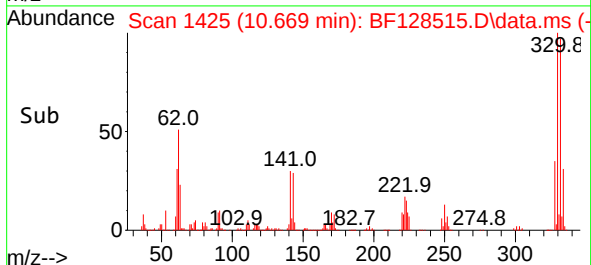
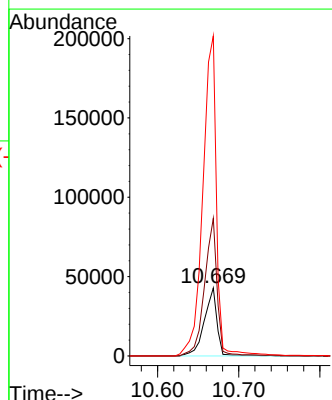
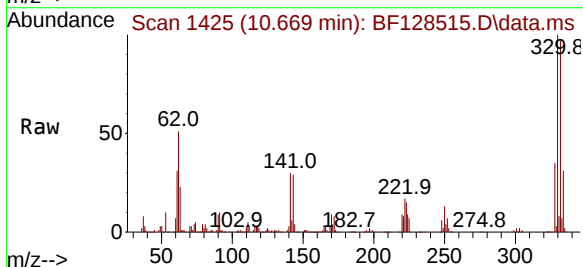
Instrument :
BNA_F
ClientSampleId :
PB145118BL

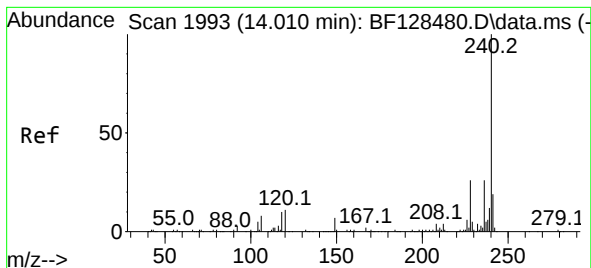
Tgt Ion:198 Resp: 1787
Ion Ratio Lower Upper
198 100
51 177.9 37.6 77.6#
105 204.3 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 4.222 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.247 min
Lab File: BF128515.D
Acq: 27 May 2022 17:50

Tgt Ion:248 Resp: 46839
Ion Ratio Lower Upper
248 100
250 202.4 80.6 120.8#
141 470.8 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BF128515.D

Acq: 27 May 2022 17:50

Instrument :

BNA_F

ClientSampleId :

PB145118BL

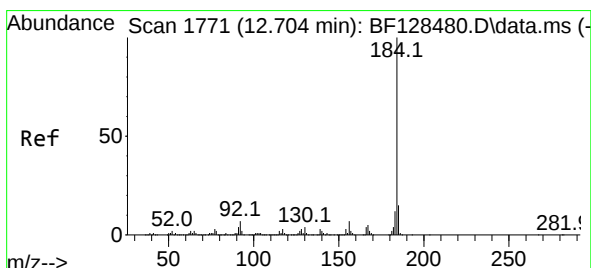
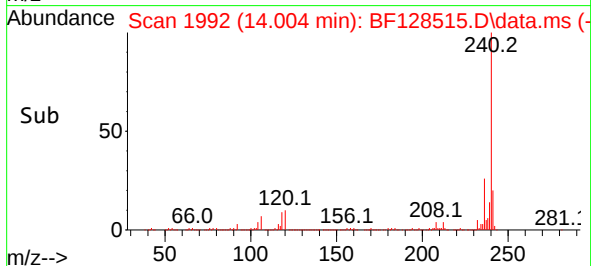
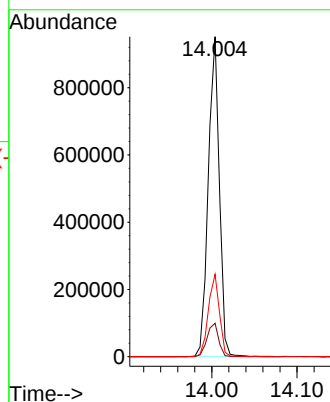
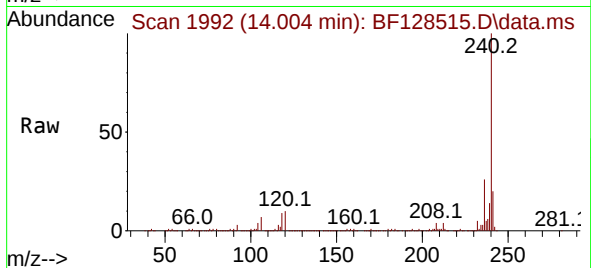
Tgt Ion:240 Resp: 857759

Ion Ratio Lower Upper

240 100

120 10.5 8.9 13.3

236 25.7 20.8 31.2



#77

Benidine

Concen: 2.376 ng

RT: 12.963 min Scan# 1815

Delta R.T. 0.259 min

Lab File: BF128515.D

Acq: 27 May 2022 17:50

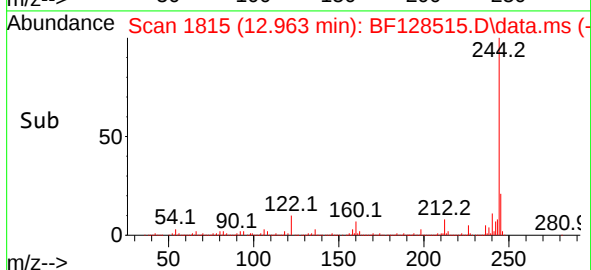
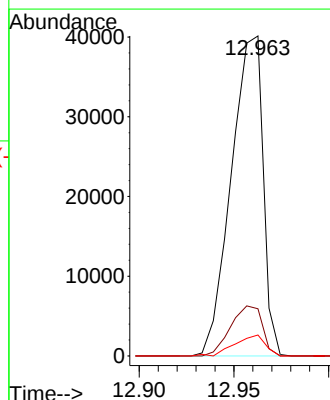
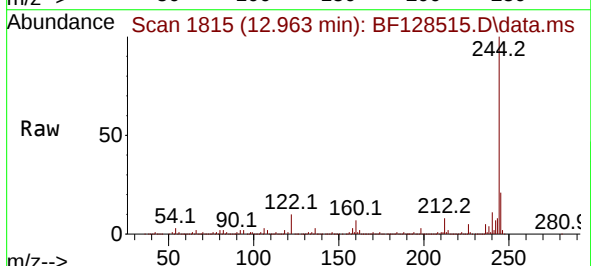
Tgt Ion:184 Resp: 47002

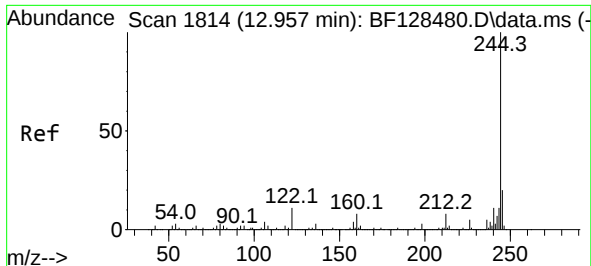
Ion Ratio Lower Upper

184 100

185 14.7 11.9 17.9

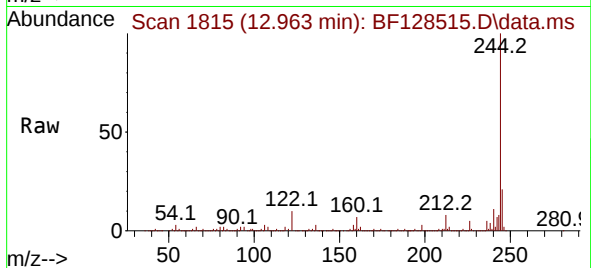
183 6.6 9.3 13.9#



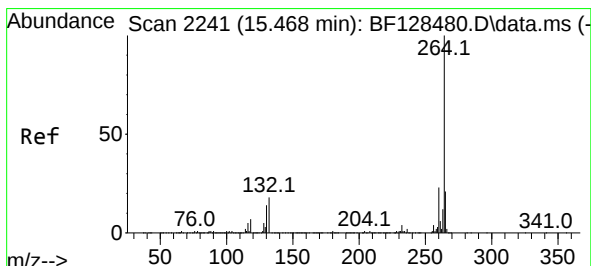
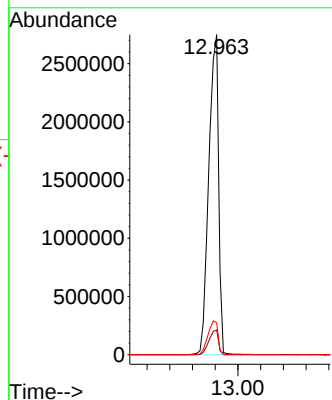
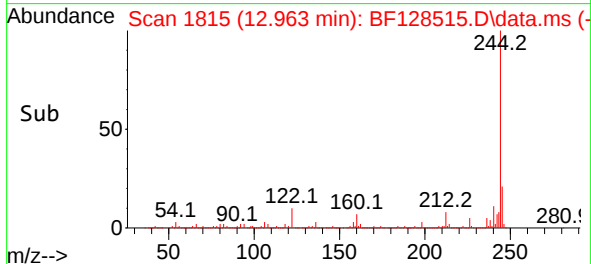


#79
 Terphenyl-d14
 Concen: 73.914 ng
 RT: 12.963 min Scan# 1815
 Delta R.T. 0.006 min
 Lab File: BF128515.D
 Acq: 27 May 2022 17:50

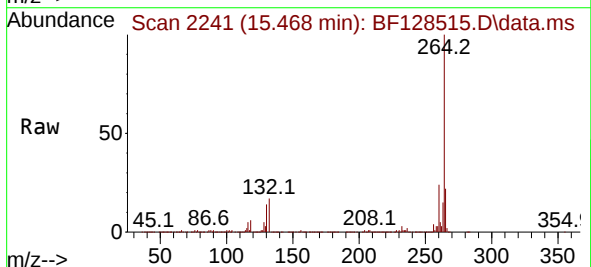
Instrument :
 BNA_F
 ClientSampleId :
 PB145118BL



Tgt Ion:244 Resp: 3281664
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 10.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2241
 Delta R.T. -0.000 min
 Lab File: BF128515.D
 Acq: 27 May 2022 17:50



Tgt Ion:264 Resp: 744038
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 21.6 17.2 25.8

