

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052622\
 Data File : BF128492.D
 Acq On : 27 May 2022 00:53
 Operator : CG\JU
 Sample : PB145064BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145064BL

Quant Time: May 27 04:25:51 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)

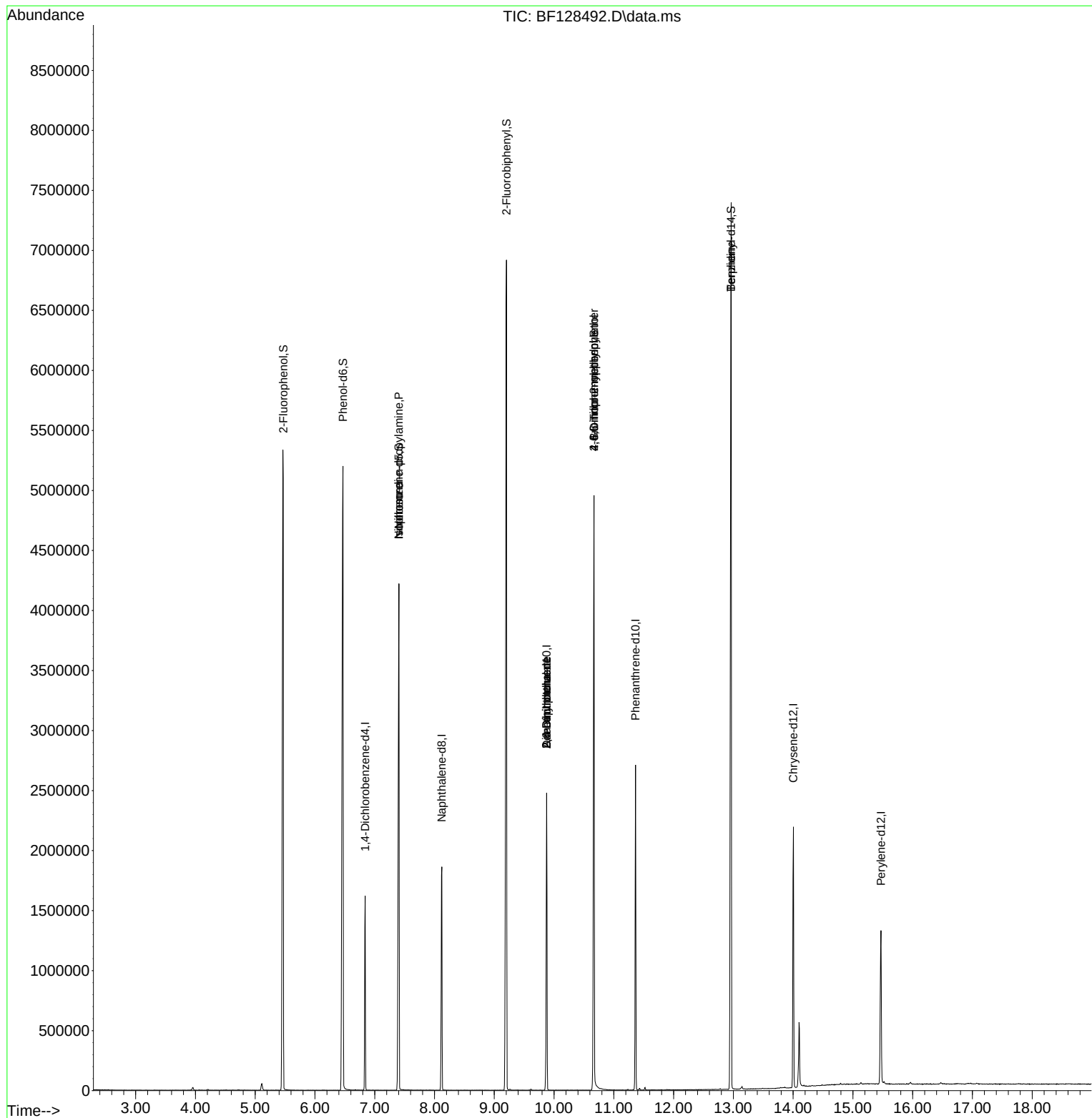
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	223924	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	890698	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	508643	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	933122	20.000	ng	0.00
76) Chrysene-d12	14.004	240	735004	20.000	ng	0.00
86) Perylene-d12	15.468	264	591016	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1829374	135.322	ng	0.02
7) Phenol-d6	6.469	99	2316852	134.414	ng	0.00
23) Nitrobenzene-d5	7.404	82	1556276	100.796	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	653026	134.883	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2772936	88.570	ng	0.00
79) Terphenyl-d14	12.963	244	3114675	81.869	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.469	77	4022	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	213663	20.217	ng	# 77
25) Isophorone	7.404	82	1546440	54.294	ng	# 65
50) Dimethylphthalate	9.875	163	89351	2.708	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	64909	10.734	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	64909	8.972	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.669	198	1710	5.853	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	43124	4.473	ng	# 1
77) Benzidine	12.963	184	44877	2.647	ng	# 92

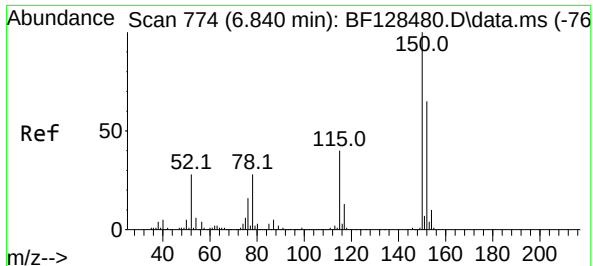
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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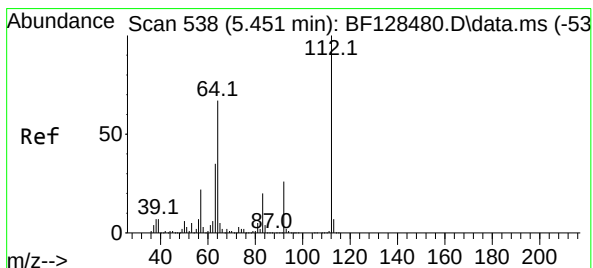
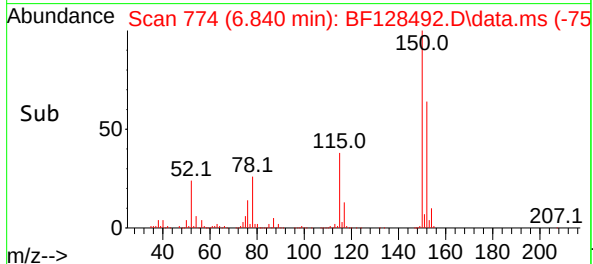
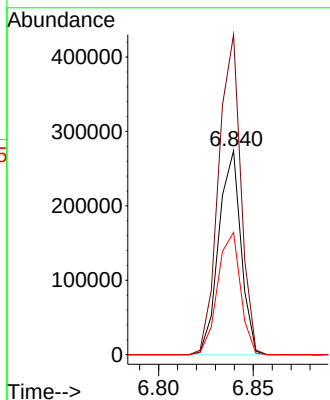
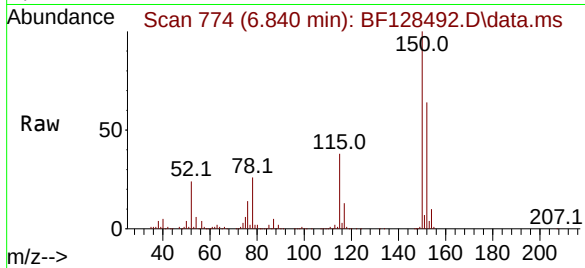




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128492.D
Acq: 27 May 2022 00:53

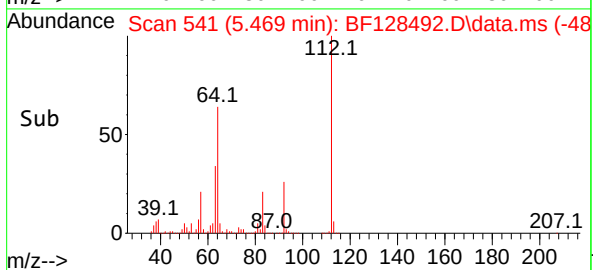
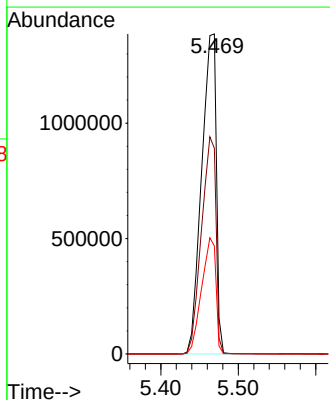
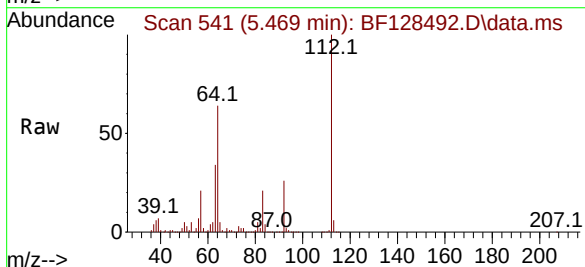
Instrument :
BNA_F
ClientSampleId :
PB145064BL

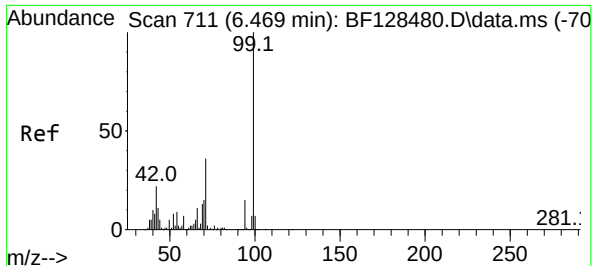
Tgt Ion:152 Resp: 223924
Ion Ratio Lower Upper
152 100
150 156.8 123.7 185.5
115 59.9 49.9 74.9



#5
2-Fluorophenol
Concen: 135.322 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.018 min
Lab File: BF128492.D
Acq: 27 May 2022 00:53

Tgt Ion:112 Resp: 1829374
Ion Ratio Lower Upper
112 100
64 64.3 53.3 79.9
63 33.7 28.0 42.0

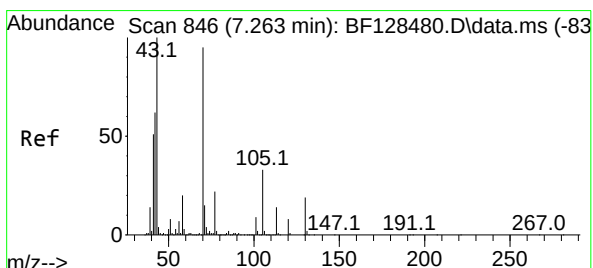
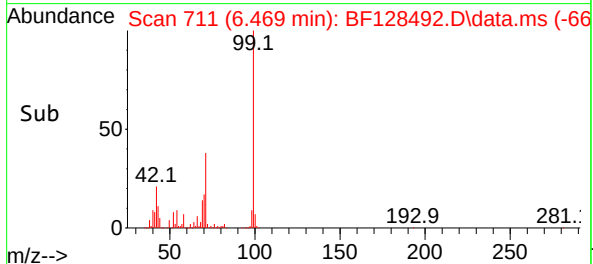
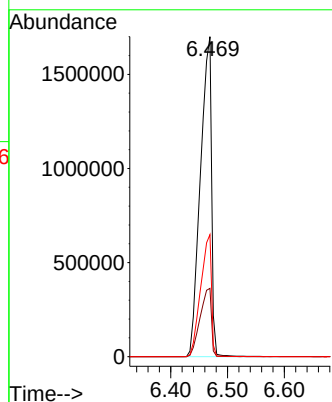
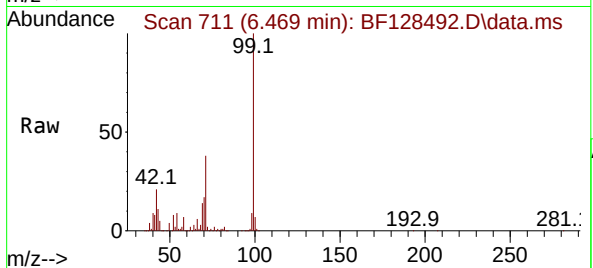




#7
Phenol-d6
Concen: 134.414 ng
RT: 6.469 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF128492.D
Acq: 27 May 2022 00:53

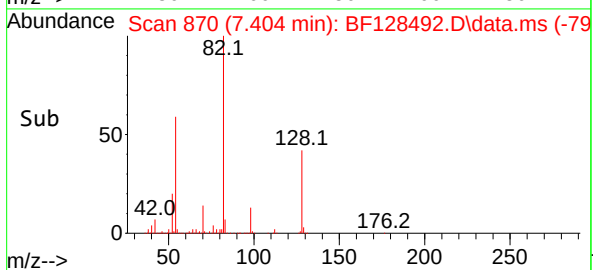
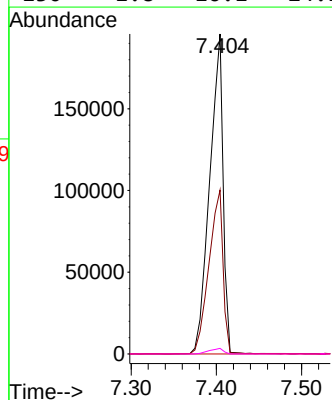
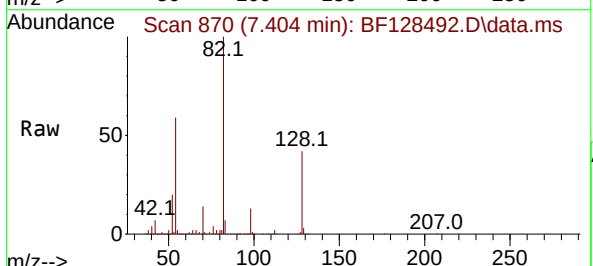
Instrument :
BNA_F
ClientSampleId :
PB145064BL

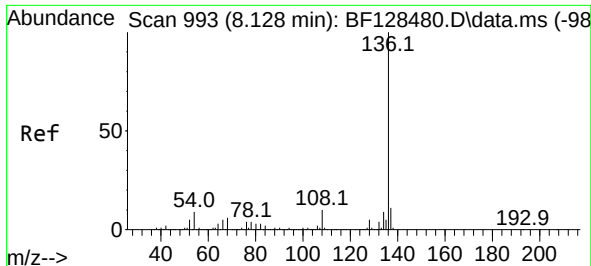
Tgt Ion: 99 Resp: 2316852
Ion Ratio Lower Upper
99 100
42 21.4 17.3 25.9
71 38.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.217 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.141 min
Lab File: BF128492.D
Acq: 27 May 2022 00:53

Tgt Ion: 70 Resp: 213663
Ion Ratio Lower Upper
70 100
42 51.2 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: 8.122 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF128492.D

Acq: 27 May 2022 00:53

Instrument :

BNA_F

ClientSampleId :

PB145064BL

Tgt Ion:136 Resp: 890698

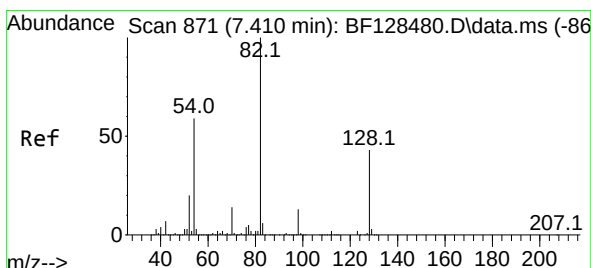
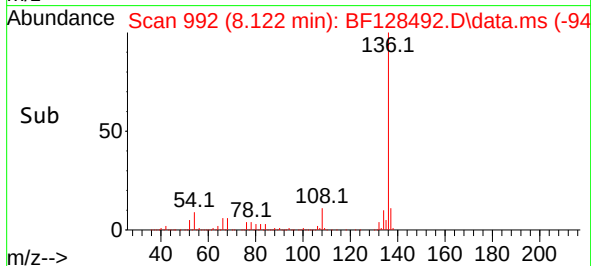
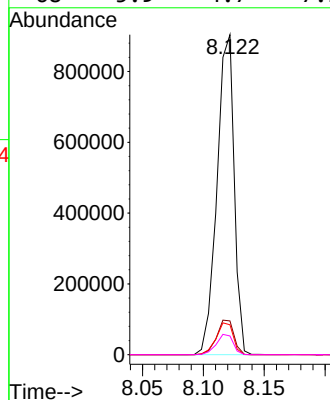
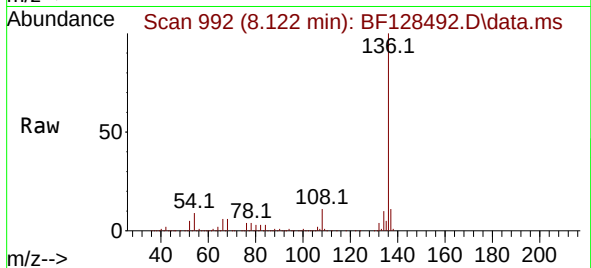
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 9.3 7.5 11.3

68 5.9 4.7 7.1



#23

Nitrobenzene-d5

Concen: 100.796 ng

RT: 7.404 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF128492.D

Acq: 27 May 2022 00:53

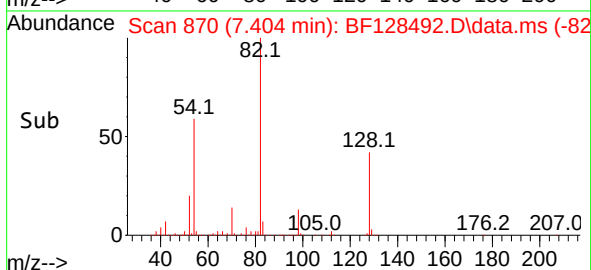
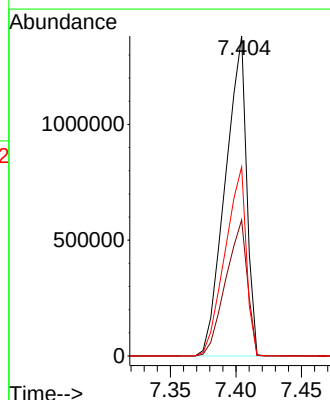
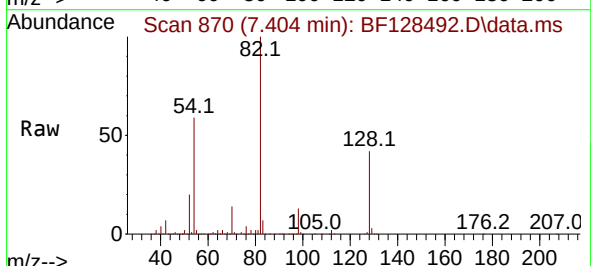
Tgt Ion: 82 Resp: 1556276

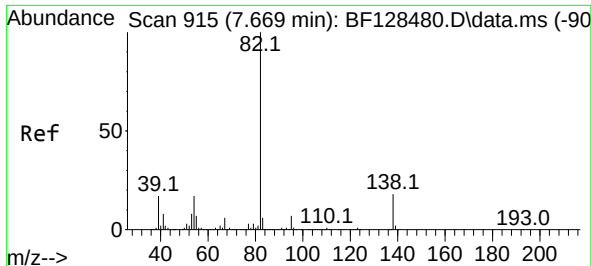
Ion Ratio Lower Upper

82 100

128 42.5 34.0 51.0

54 59.1 46.9 70.3

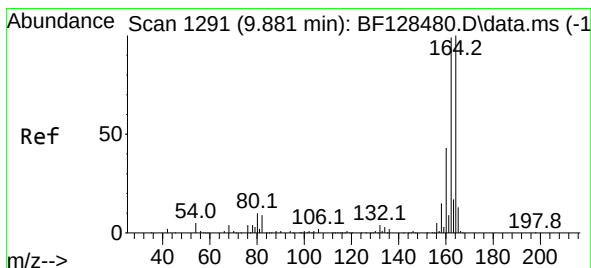
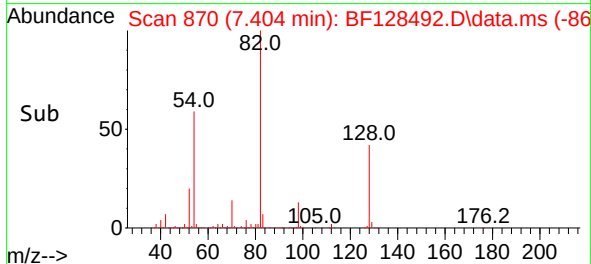
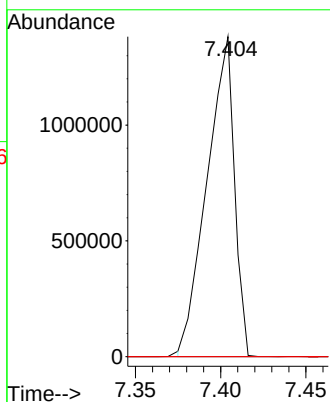
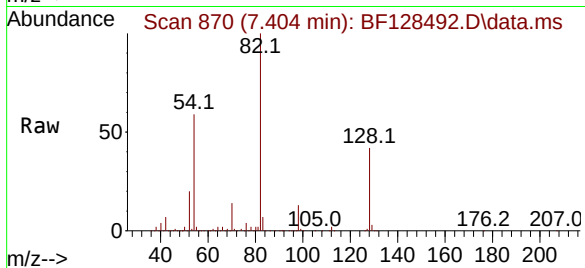




#25
Isophorone
Concen: 54.294 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128492.D
Acq: 27 May 2022 00:53

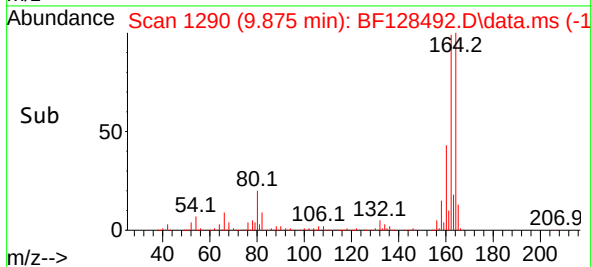
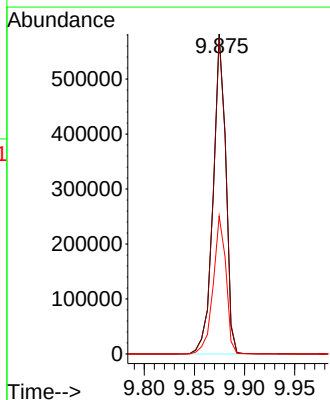
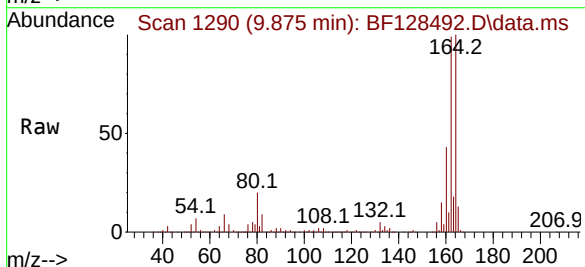
Instrument :
BNA_F
ClientSampleId :
PB145064BL

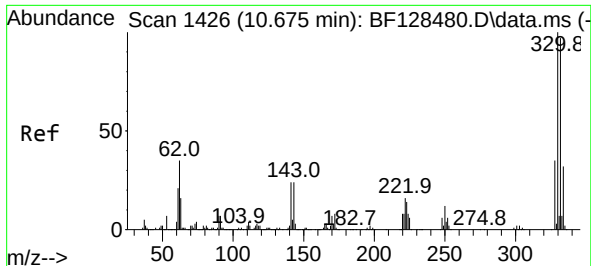
Tgt Ion: 82 Resp: 1546440
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128492.D
Acq: 27 May 2022 00:53

Tgt Ion:164 Resp: 508643
Ion Ratio Lower Upper
164 100
162 98.9 79.5 119.3
160 43.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 134.883 ng

RT: 10.669 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF128492.D

Acq: 27 May 2022 00:53

Instrument :

BNA_F

ClientSampleId :

PB145064BL

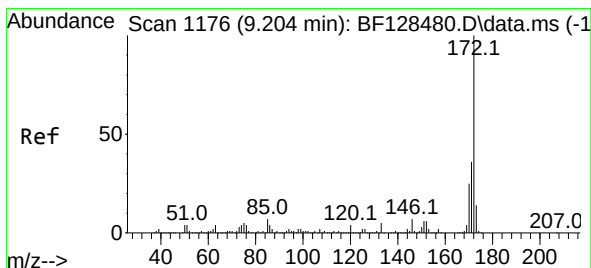
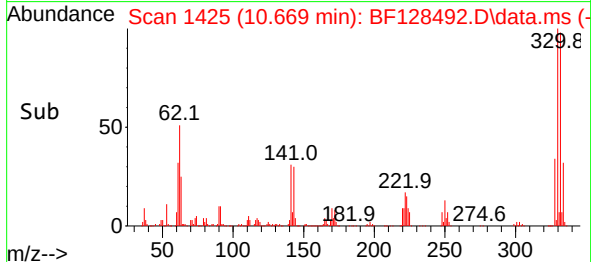
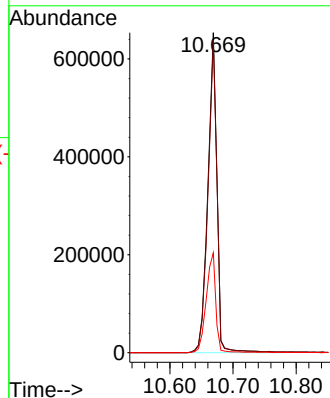
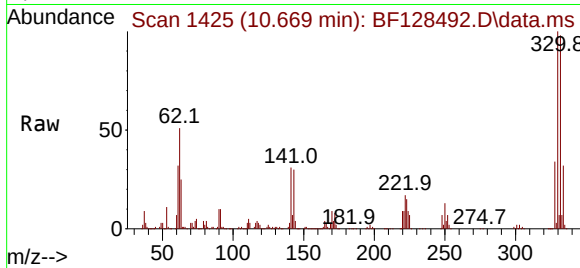
Tgt Ion:330 Resp: 653026

Ion Ratio Lower Upper

330 100

332 97.7 76.8 115.2

141 32.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 88.570 ng

RT: 9.204 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF128492.D

Acq: 27 May 2022 00:53

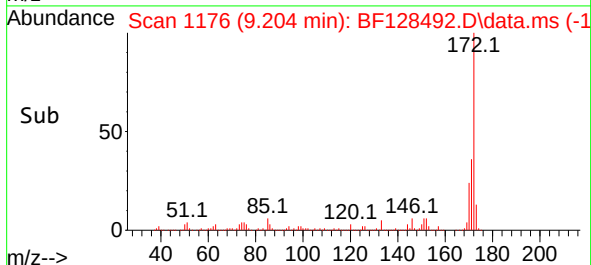
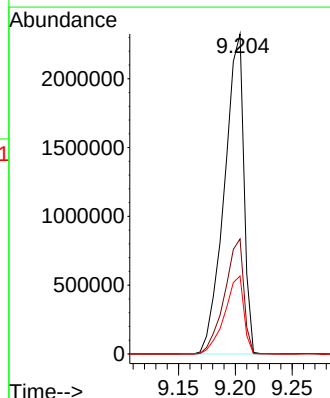
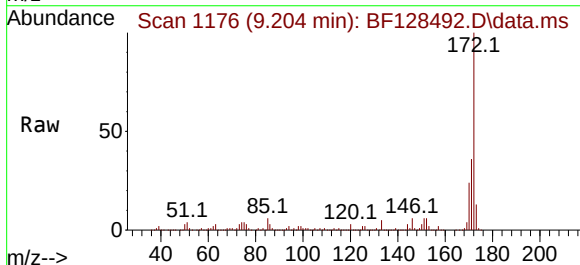
Tgt Ion:172 Resp: 2772936

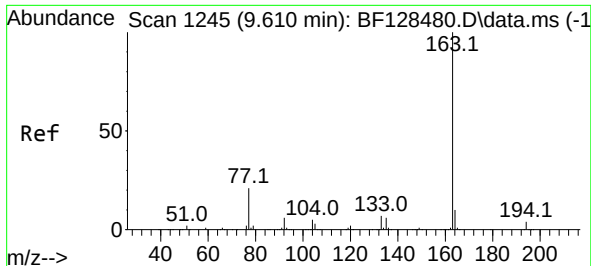
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.4 19.8 29.8

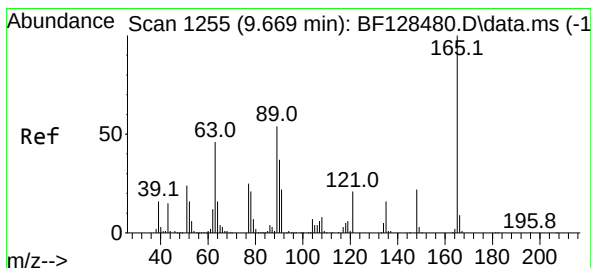
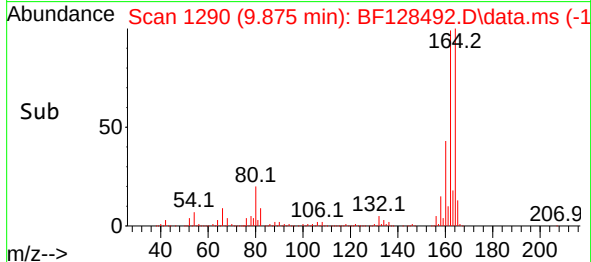
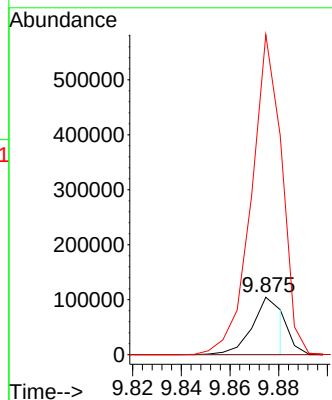
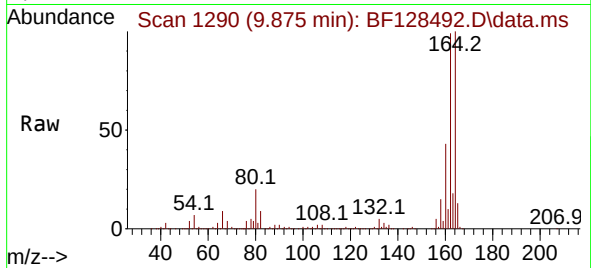




#50
Dimethylphthalate
Concen: 2.708 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128492.D
Acq: 27 May 2022 00:53

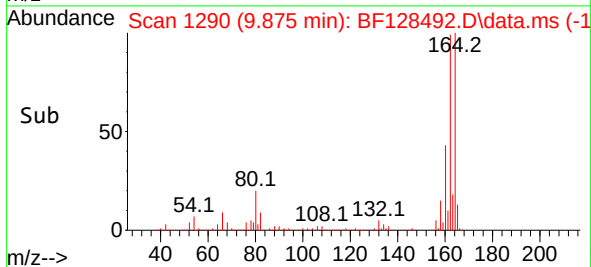
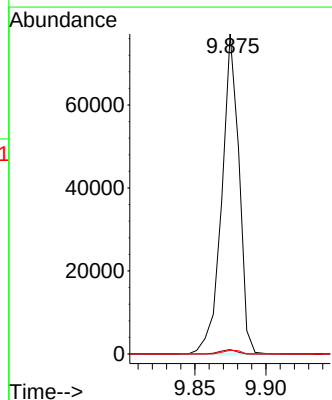
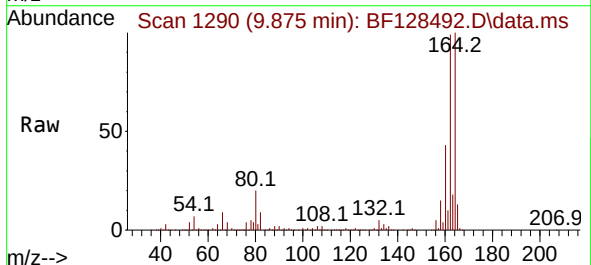
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PB145064BL

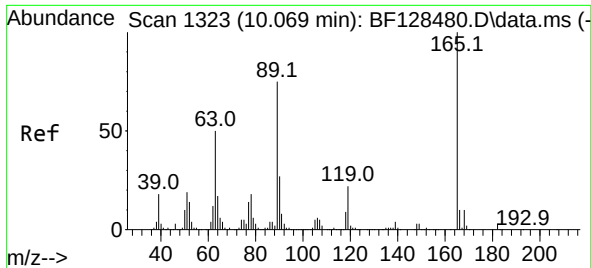
Tgt Ion:163 Resp: 89351
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 557.8 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.734 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128492.D
Acq: 27 May 2022 00:53

Tgt Ion:165 Resp: 64909
Ion Ratio Lower Upper
165 100
63 1.4 44.9 67.3#
89 1.2 43.6 65.4#

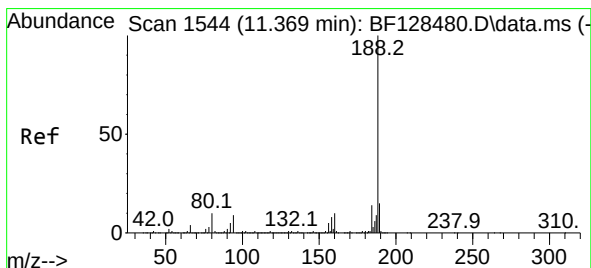
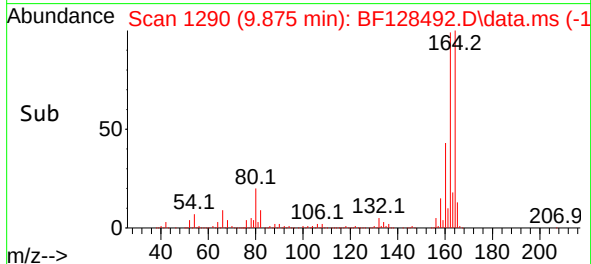
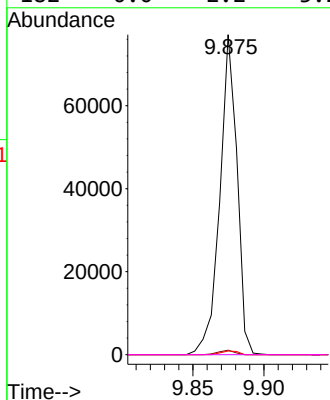
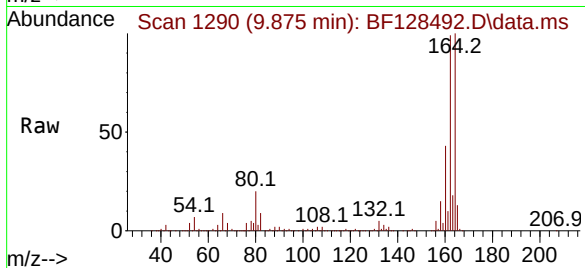




#57
2,4-Dinitrotoluene
Concen: 8.972 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128492.D
Acq: 27 May 2022 00:53

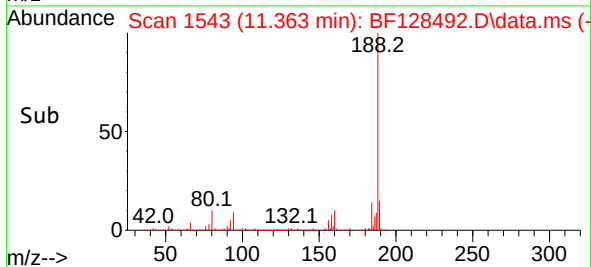
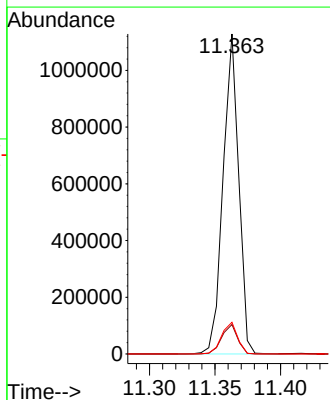
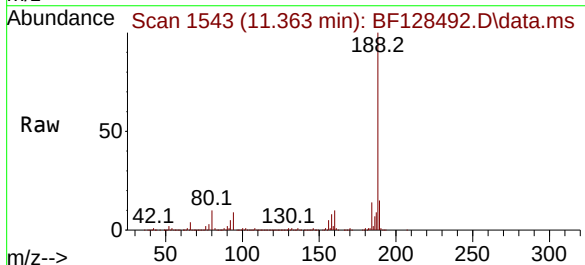
Instrument :
BNA_F
ClientSampleId :
PB145064BL

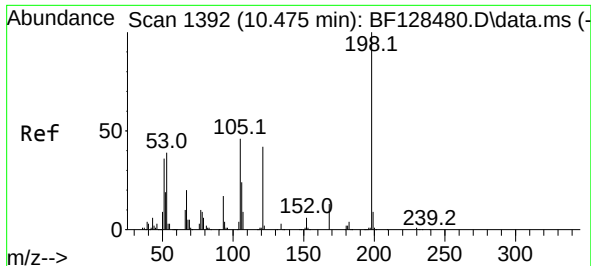
Tgt Ion:165 Resp: 64909
Ion Ratio Lower Upper
165 100
63 1.4 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128492.D
Acq: 27 May 2022 00:53

Tgt Ion:188 Resp: 933122
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 9.9 7.6 11.4

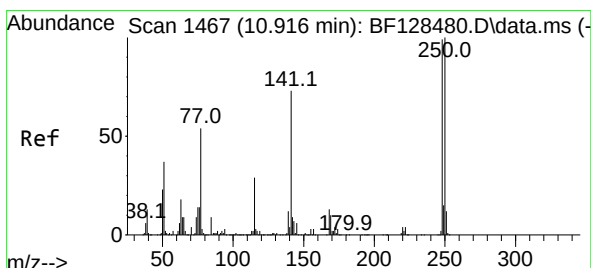
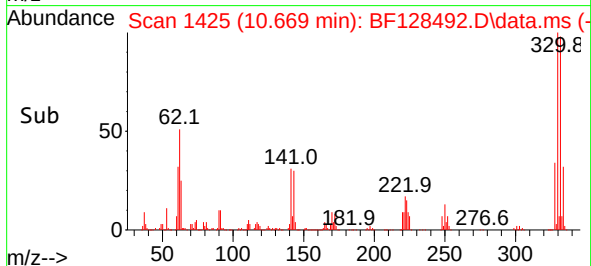
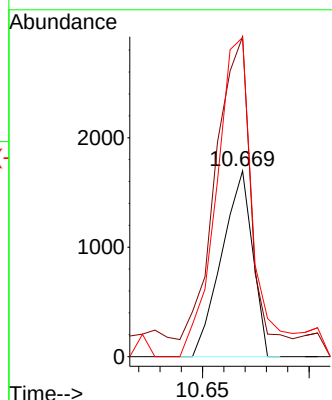
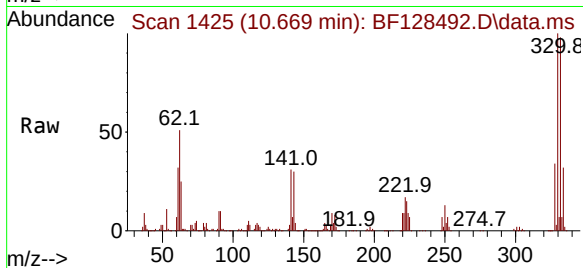




#65
4,6-Dinitro-2-methylphenol
Concen: 5.853 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.194 min
Lab File: BF128492.D
Acq: 27 May 2022 00:53

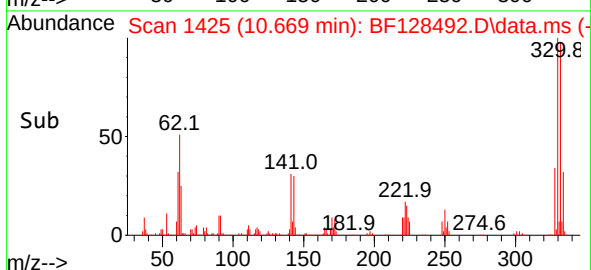
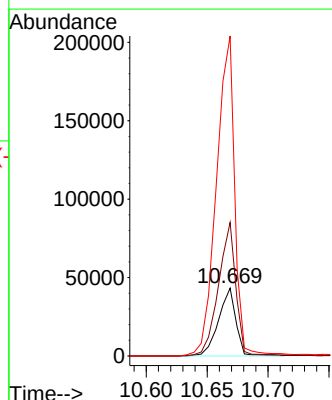
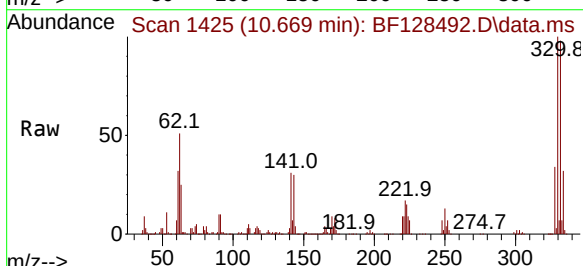
Instrument :
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ClientSampleId :
PB145064BL

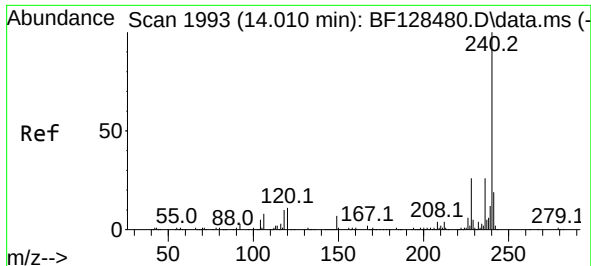
Tgt Ion:198 Resp: 1710
Ion Ratio Lower Upper
198 100
51 172.3 37.6 77.6#
105 171.9 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 4.473 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.247 min
Lab File: BF128492.D
Acq: 27 May 2022 00:53

Tgt Ion:248 Resp: 43124
Ion Ratio Lower Upper
248 100
250 196.8 80.6 120.8#
141 471.5 58.9 88.3#

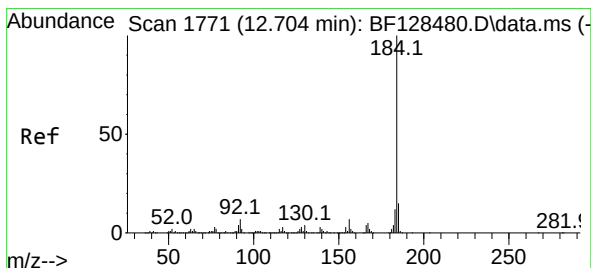
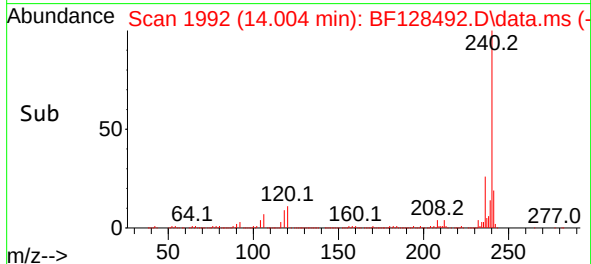
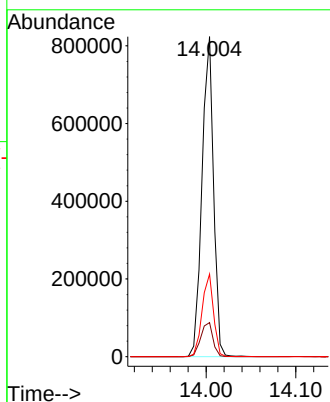
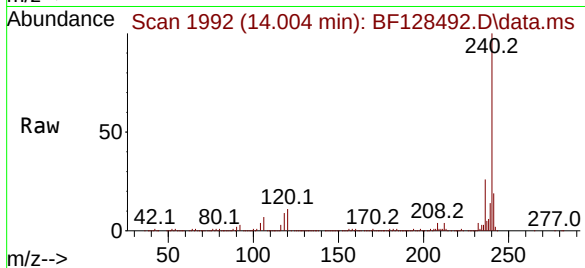




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF128492.D
Acq: 27 May 2022 00:53

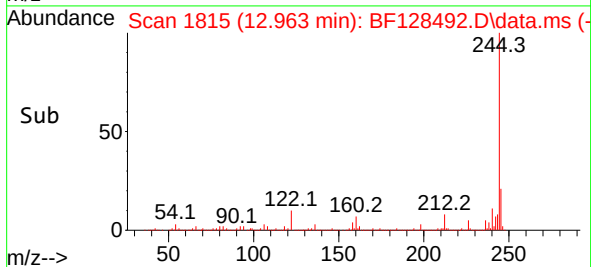
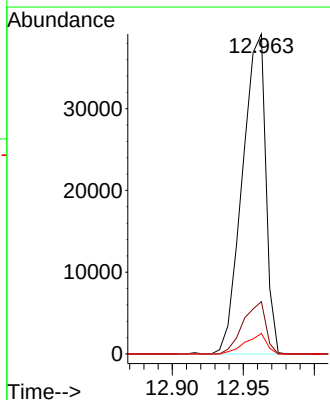
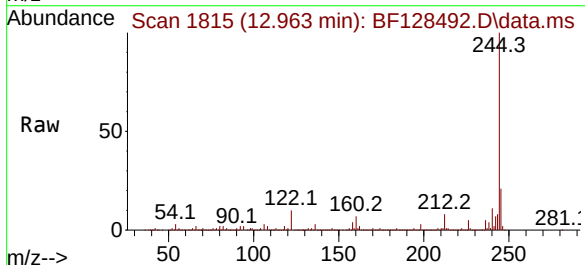
Instrument :
BNA_F
ClientSampleId :
PB145064BL

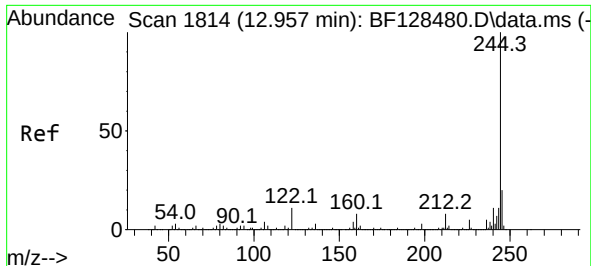
Tgt Ion:240 Resp: 735004
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 25.8 20.8 31.2



#77
Benzidine
Concen: 2.647 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.259 min
Lab File: BF128492.D
Acq: 27 May 2022 00:53

Tgt Ion:184 Resp: 44877
Ion Ratio Lower Upper
184 100
185 16.4 11.9 17.9
183 6.4 9.3 13.9#

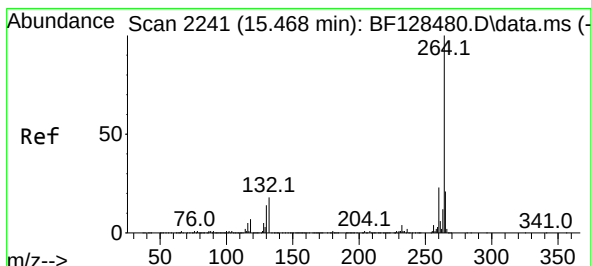
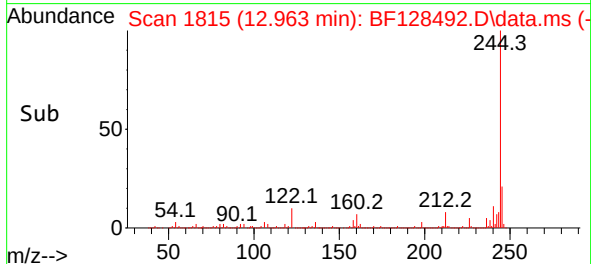
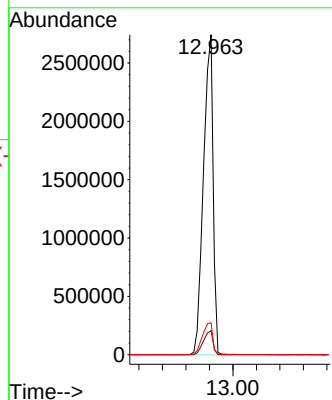
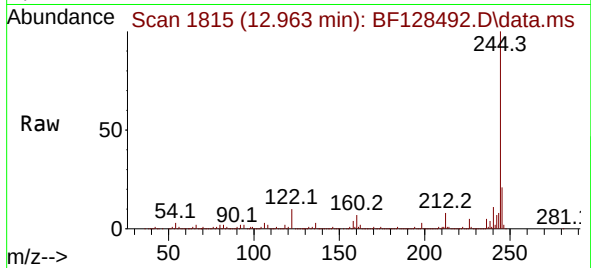




#79
 Terphenyl-d14
 Concen: 81.869 ng
 RT: 12.963 min Scan# 1815
 Delta R.T. 0.006 min
 Lab File: BF128492.D
 Acq: 27 May 2022 00:53

Instrument :
 BNA_F
 ClientSampleId :
 PB145064BL

Tgt Ion:244 Resp: 3114675
 Ion Ratio Lower Upper
 244 100
 212 7.5 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: BF128492.D
 Acq: 27 May 2022 00:53

Tgt Ion:264 Resp: 591016
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 21.1 17.2 25.8

