

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128500.D
 Acq On : 27 May 2022 10:07
 Operator : CG\JU
 Sample : PB145062BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145062BL

Quant Time: May 27 23:17:24 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)

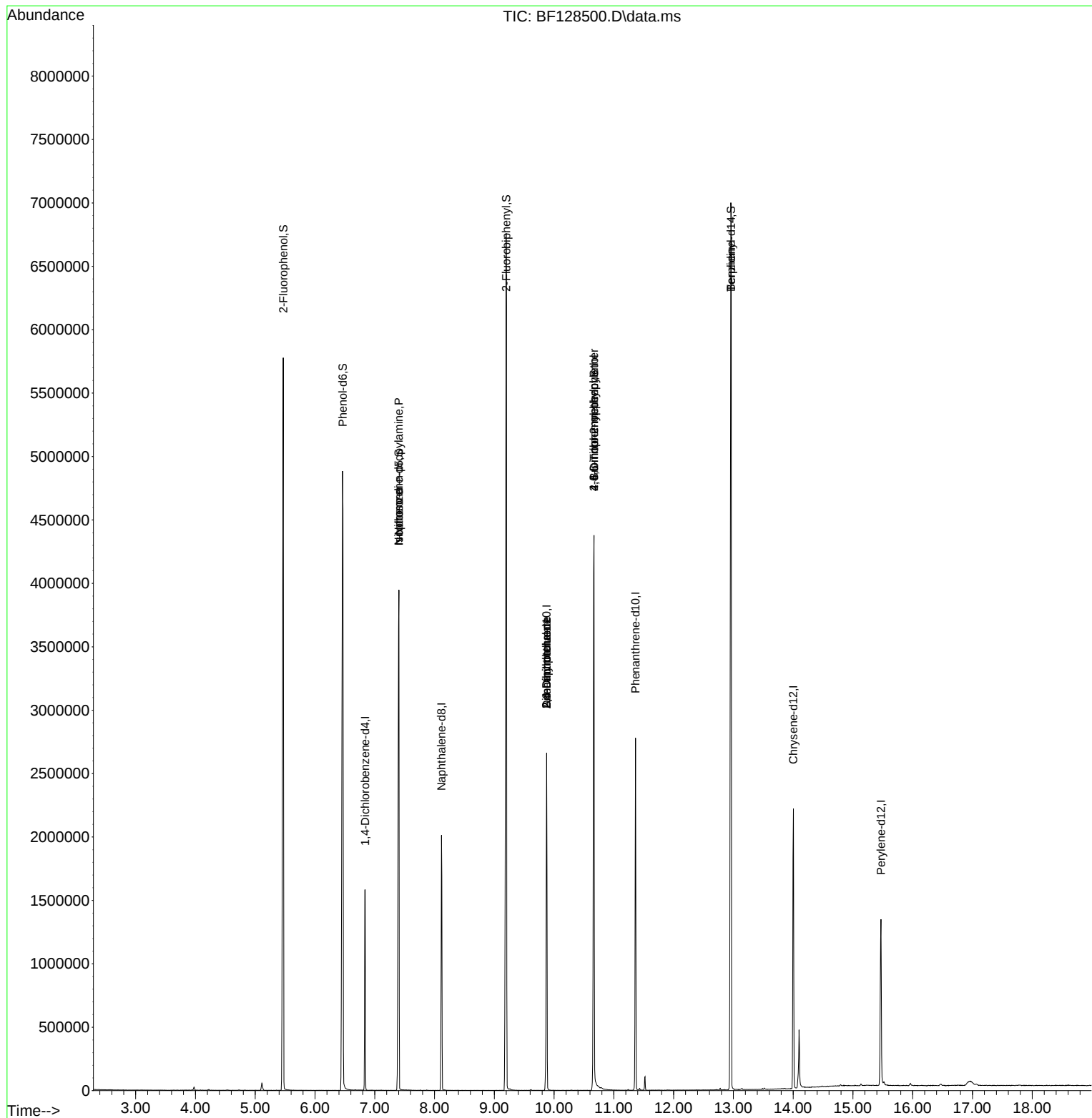
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	242283	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	947146	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	535104	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	983913	20.000	ng	0.00
76) Chrysene-d12	14.004	240	763445	20.000	ng	0.00
86) Perylene-d12	15.468	264	616250	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1776852	121.477	ng	0.02
7) Phenol-d6	6.463	99	2286095	122.579	ng	0.00
23) Nitrobenzene-d5	7.404	82	1522833	92.752	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	631540	123.995	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2784637	84.545	ng	0.00
79) Terphenyl-d14	12.963	244	3055792	77.329	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.463	77	3751	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	209769	18.345	ng	# 77
25) Isophorone	7.404	82	1519697	50.175	ng	# 65
50) Dimethylphthalate	9.875	163	94064	2.710	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	68710	10.801	ng	# 29
57) 2,4-Dinitrotoluene	9.875	165	68710	9.028	ng	# 24
65) 4,6-Dinitro-2-methylph...	10.669	198	1472	5.789	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	38791	3.816	ng	# 1
77) Benzidine	12.963	184	43821	2.489	ng	# 96

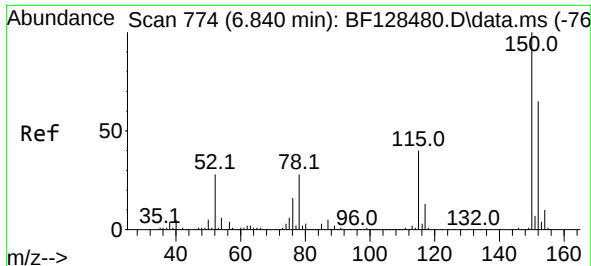
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_F
ClientSampleId :
PB145062BL

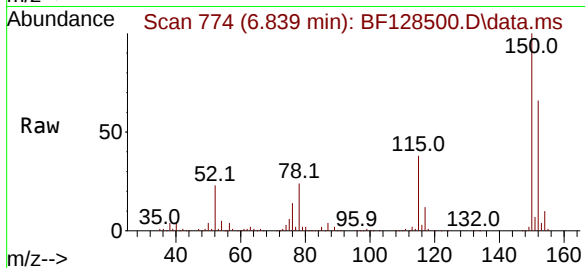
Quant Time: May 27 23:17:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
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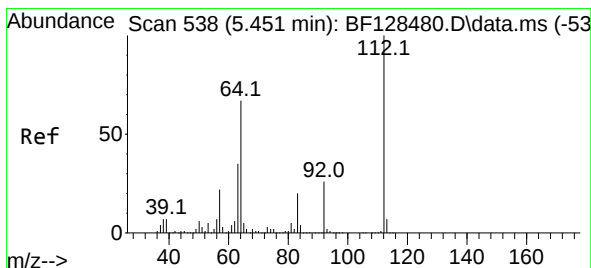
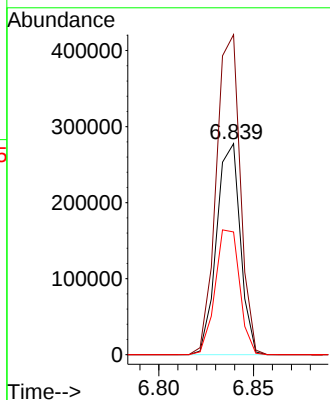
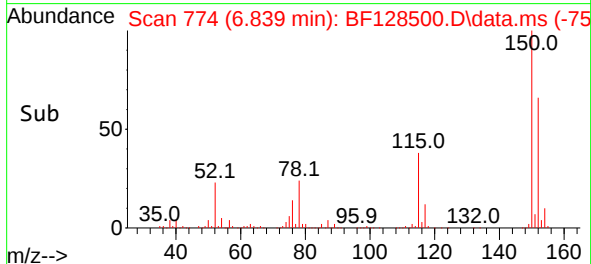


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128500.D
Acq: 27 May 2022 10:07

Instrument :
BNA_F
ClientSampleId :
PB145062BL

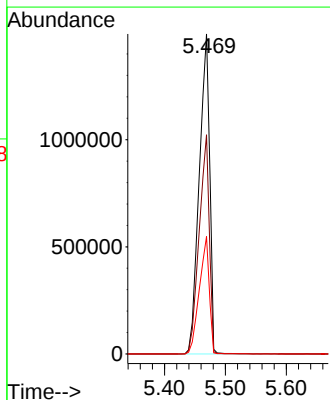
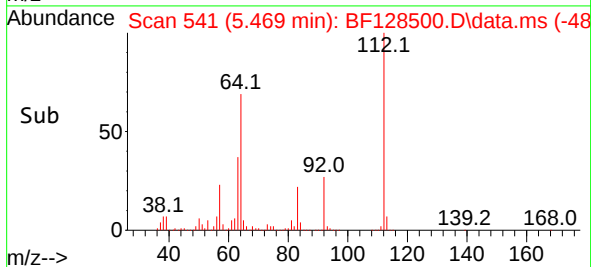
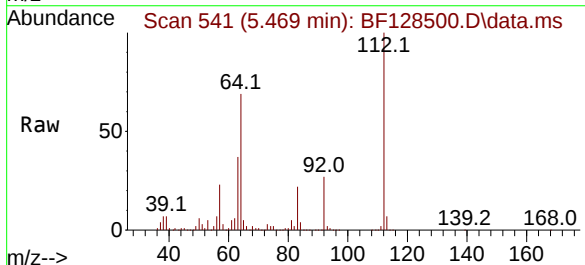


Tgt Ion:152 Resp: 242283
Ion Ratio Lower Upper
152 100
150 151.6 123.7 185.5
115 58.1 49.9 74.9



#5
2-Fluorophenol
Concen: 121.477 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.018 min
Lab File: BF128500.D
Acq: 27 May 2022 10:07

Tgt Ion:112 Resp: 1776852
Ion Ratio Lower Upper
112 100
64 68.5 53.3 79.9
63 36.7 28.0 42.0

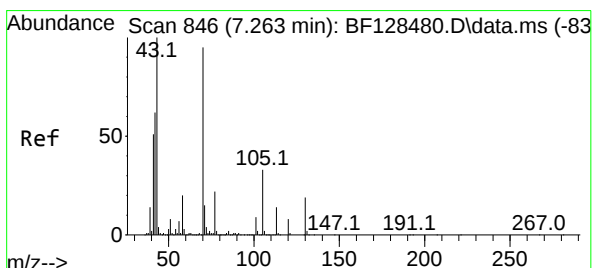
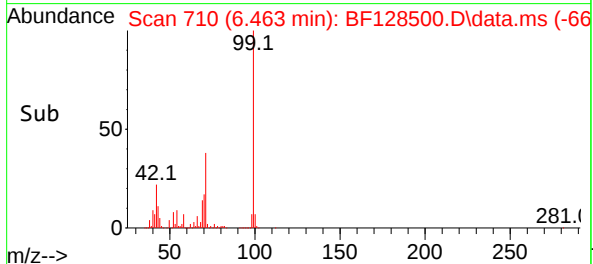
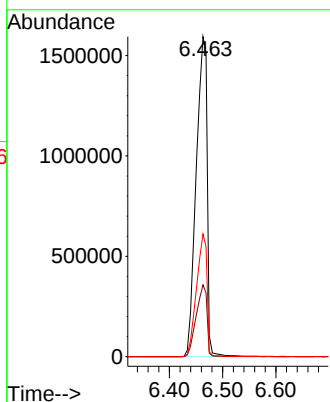
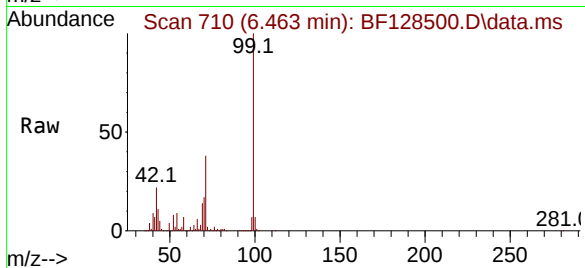




#7
Phenol-d6
Concen: 122.579 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128500.D
Acq: 27 May 2022 10:07

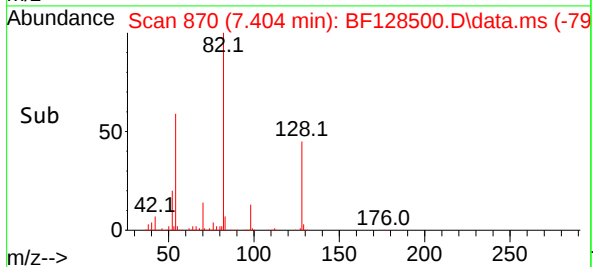
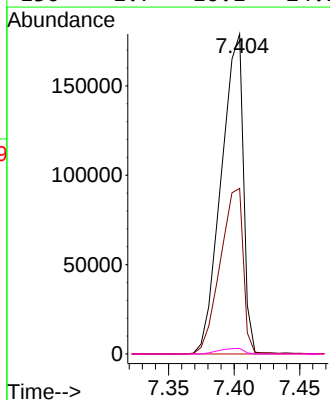
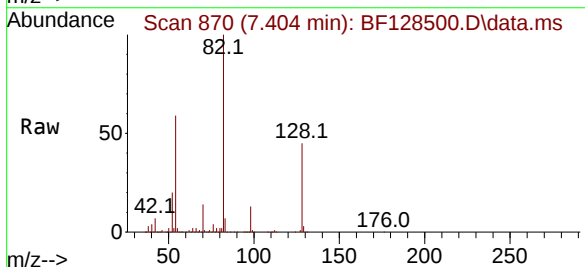
Instrument :
BNA_F
ClientSampleId :
PB145062BL

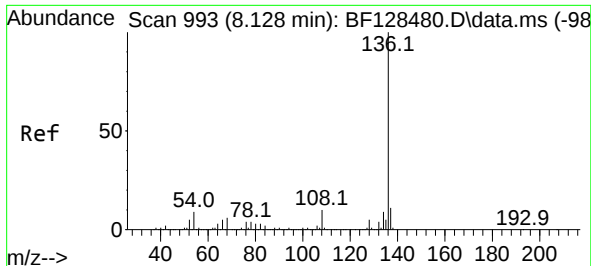
Tgt Ion: 99 Resp: 2286095
Ion Ratio Lower Upper
99 100
42 22.5 17.3 25.9
71 38.3 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.345 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.141 min
Lab File: BF128500.D
Acq: 27 May 2022 10:07

Tgt Ion: 70 Resp: 209769
Ion Ratio Lower Upper
70 100
42 51.7 52.3 78.5#
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#

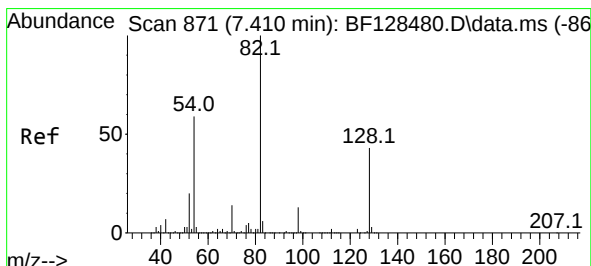
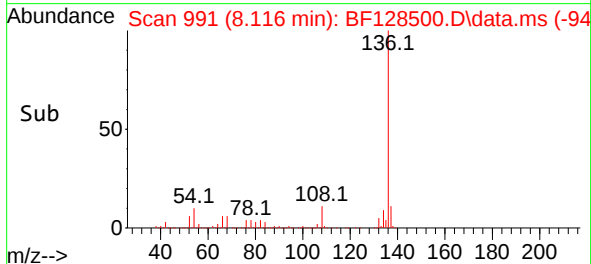
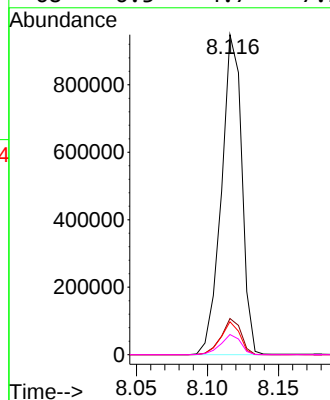
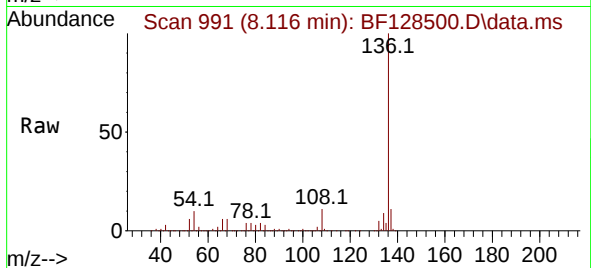




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF128500.D
Acq: 27 May 2022 10:07

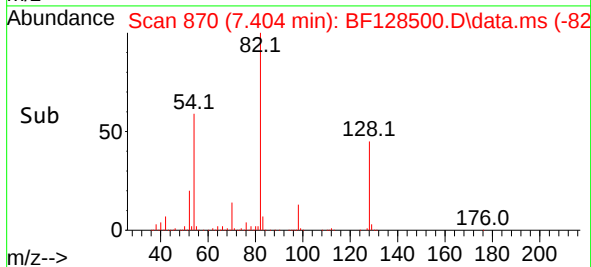
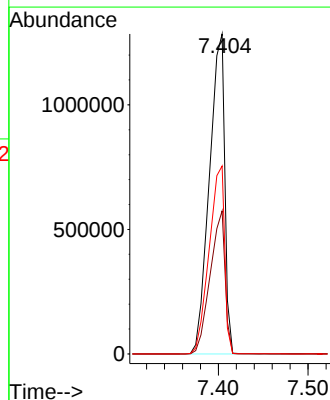
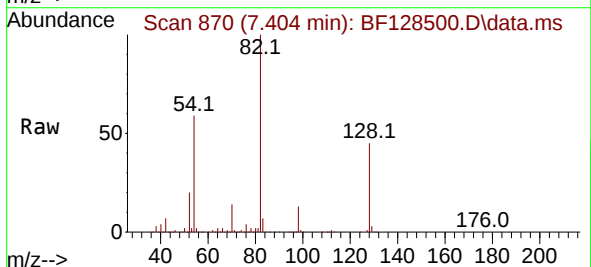
Instrument :
BNA_F
ClientSampleId :
PB145062BL

Tgt Ion:136	Resp: 947146
Ion Ratio	Lower Upper
136 100	
137 11.3	8.8 13.2
54 10.3	7.5 11.3
68 6.3	4.7 7.1



#23
Nitrobenzene-d5
Concen: 92.752 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF128500.D
Acq: 27 May 2022 10:07

Tgt Ion: 82		Resp: 1522833	
Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.0	51.0
54	58.7	46.9	70.3

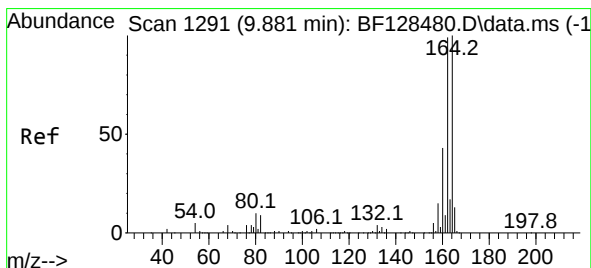
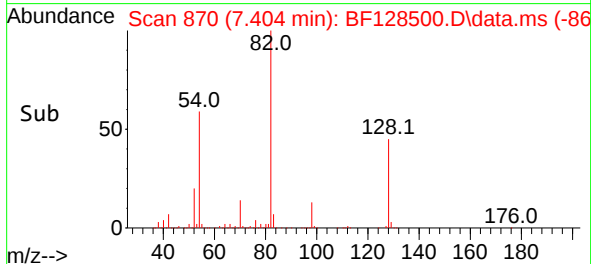
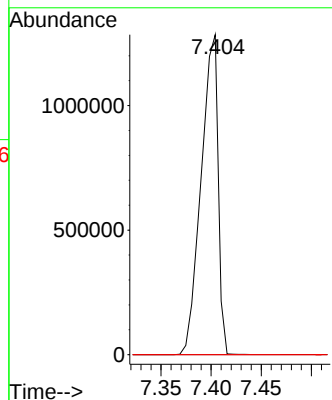
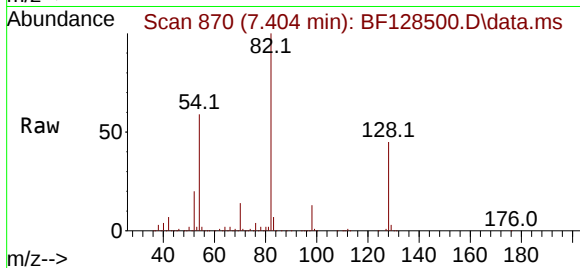




#25
Isophorone
Concen: 50.175 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128500.D
Acq: 27 May 2022 10:07

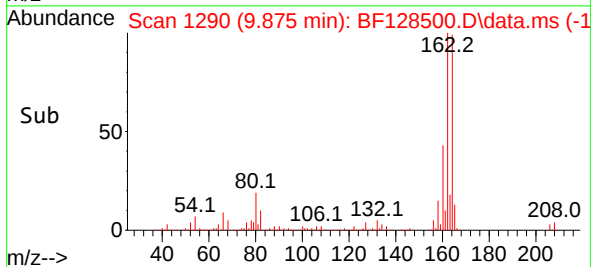
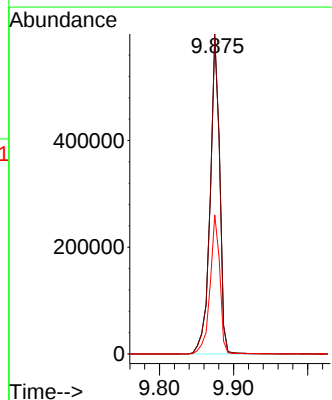
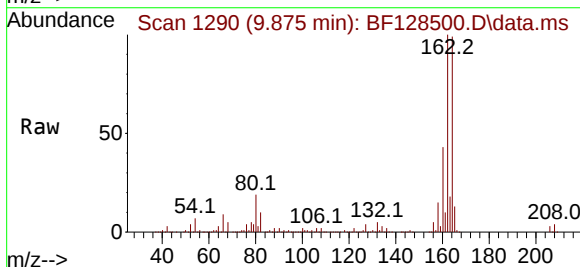
Instrument :
BNA_F
ClientSampleId :
PB145062BL

Tgt Ion: 82 Resp: 1519697
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: BF128500.D
Acq: 27 May 2022 10:07

Tgt Ion: 164 Resp: 535104
Ion Ratio Lower Upper
164 100
162 101.1 79.5 119.3
160 43.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 123.995 ng

RT: 10.669 min Scan# 1425

Delta R.T. -0.006 min

Lab File: BF128500.D

Acq: 27 May 2022 10:07

Instrument :

BNA_F

ClientSampleId :

PB145062BL

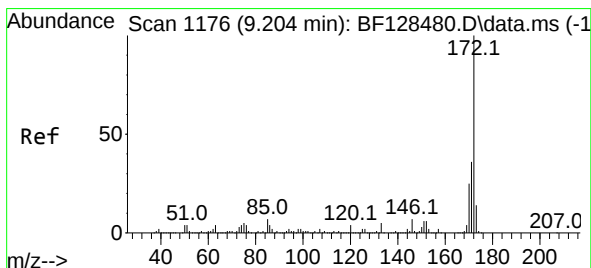
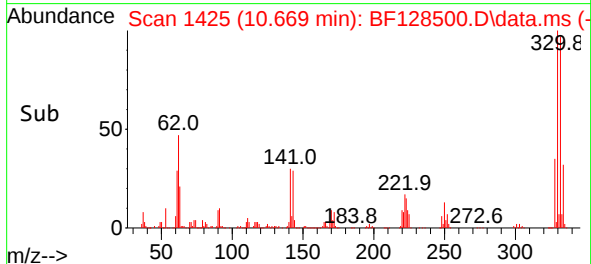
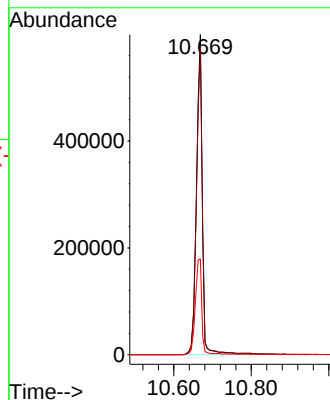
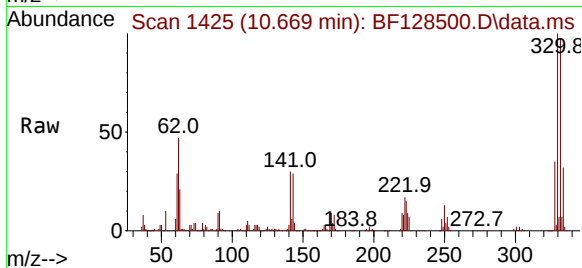
Tgt Ion:330 Resp: 631540

Ion Ratio Lower Upper

330 100

332 94.8 76.8 115.2

141 33.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 84.545 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128500.D

Acq: 27 May 2022 10:07

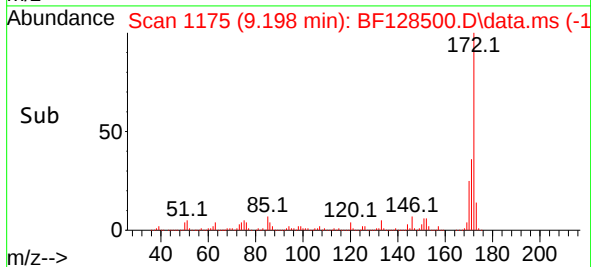
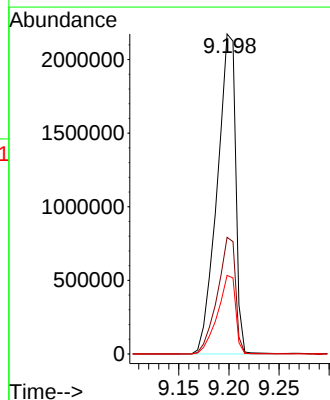
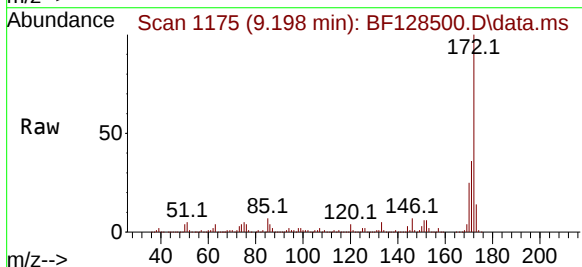
Tgt Ion:172 Resp: 2784637

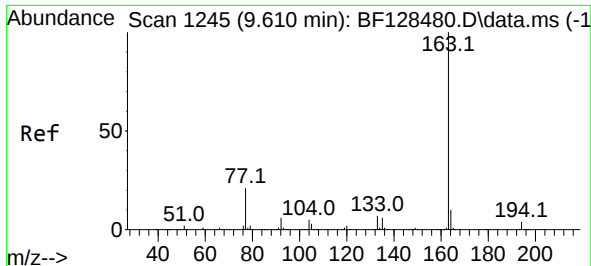
Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 24.6 19.8 29.8

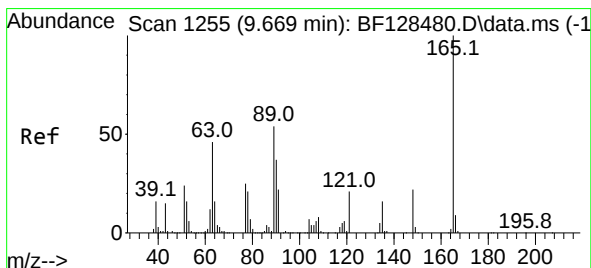
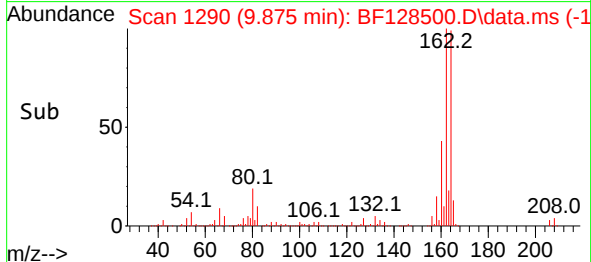
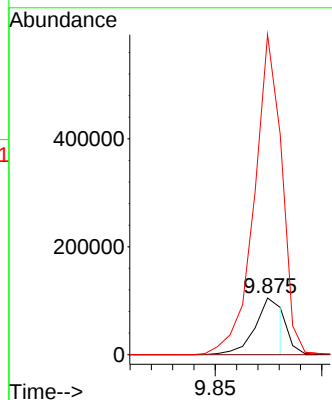
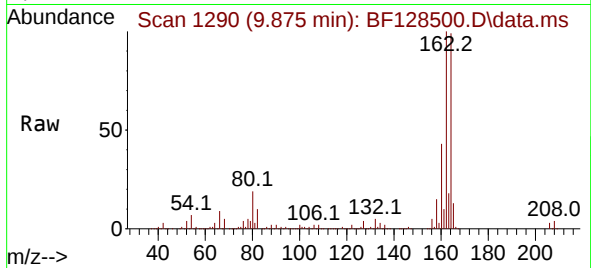




#50
Dimethylphthalate
Concen: 2.710 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128500.D
Acq: 27 May 2022 10:07

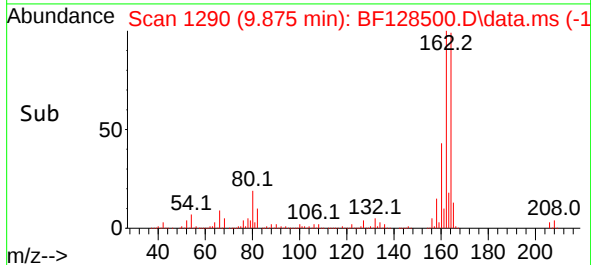
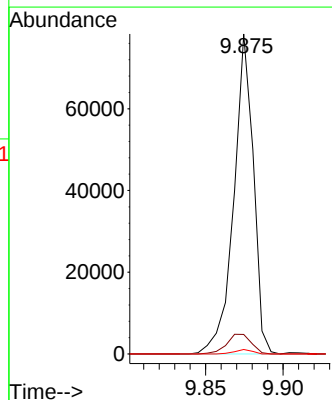
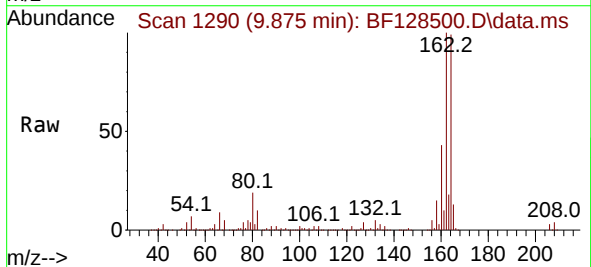
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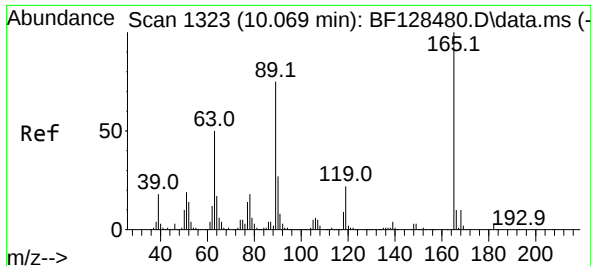
Tgt Ion:163 Resp: 94064
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 564.5 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.801 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128500.D
Acq: 27 May 2022 10:07

Tgt Ion:165 Resp: 68710
Ion Ratio Lower Upper
165 100
63 6.1 44.9 67.3#
89 1.4 43.6 65.4#

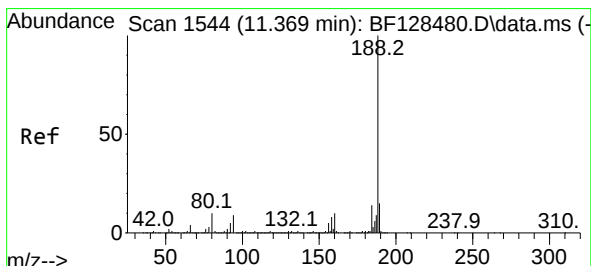
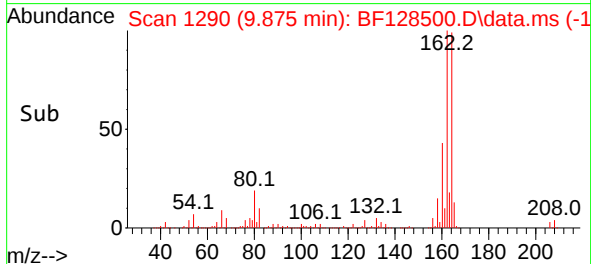
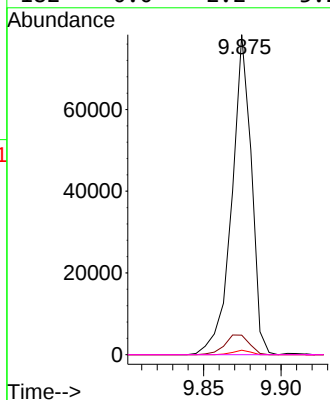
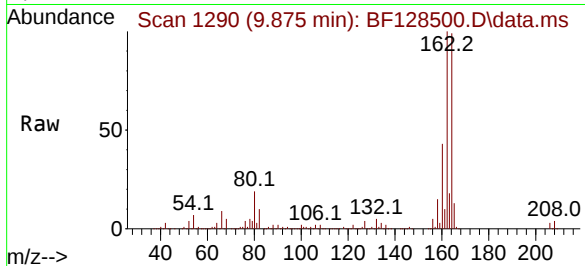




#57
2,4-Dinitrotoluene
Concen: 9.028 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128500.D
Acq: 27 May 2022 10:07

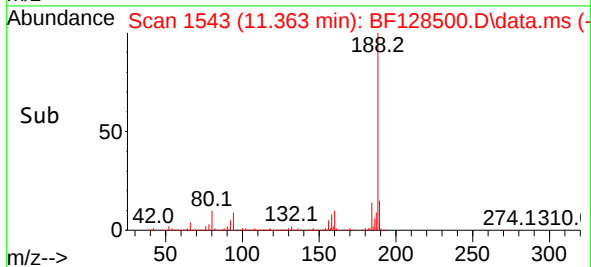
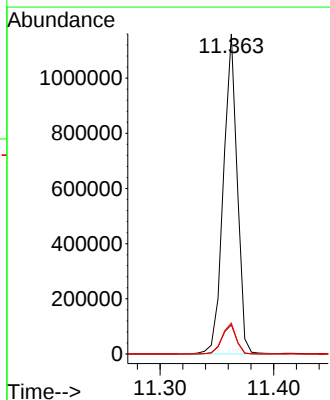
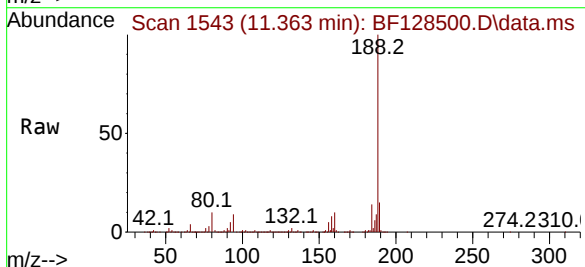
Instrument :
BNA_F
ClientSampleId :
PB145062BL

Tgt Ion:165 Resp: 68710
Ion Ratio Lower Upper
165 100
63 6.1 39.8 59.6#
89 1.4 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: BF128500.D
Acq: 27 May 2022 10:07

Tgt Ion:188 Resp: 983913
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.6
80 9.6 7.6 11.4

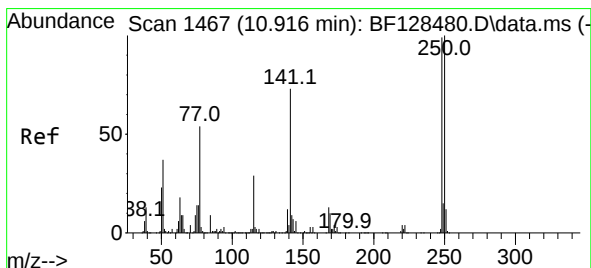
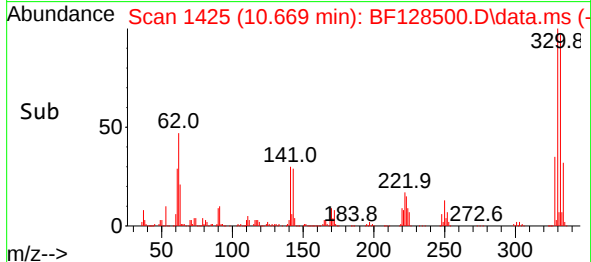
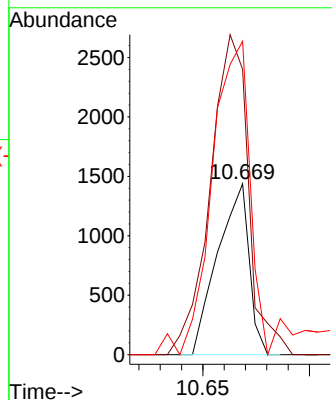
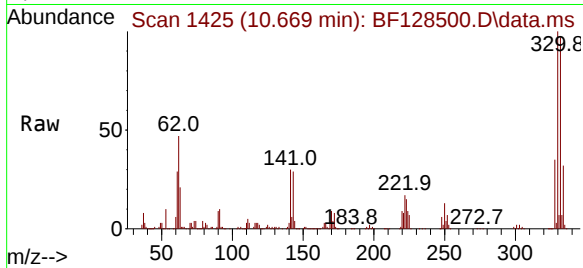




#65
4,6-Dinitro-2-methylphenol
Concen: 5.789 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.194 min
Lab File: BF128500.D
Acq: 27 May 2022 10:07

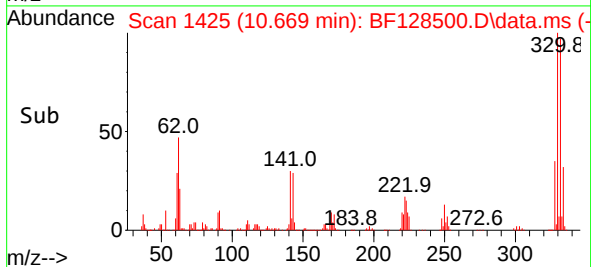
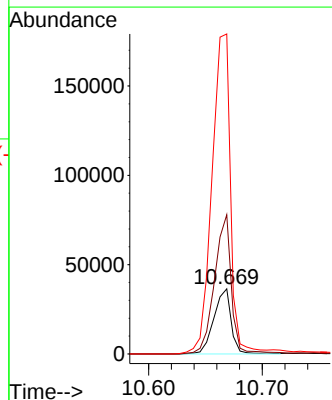
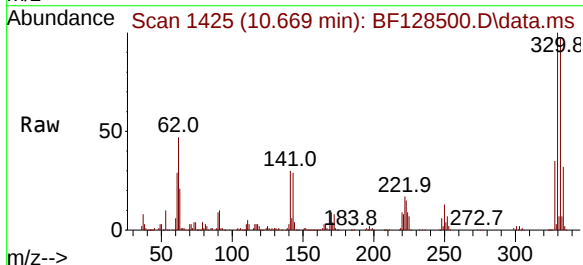
Instrument :
BNA_F
ClientSampleId :
PB145062BL

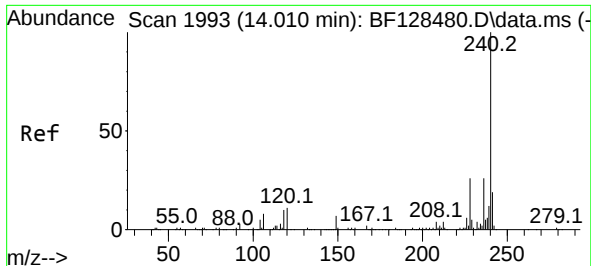
Tgt Ion:198 Resp: 1472
Ion Ratio Lower Upper
198 100
51 167.0 37.6 77.6#
105 183.5 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 3.816 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.247 min
Lab File: BF128500.D
Acq: 27 May 2022 10:07

Tgt Ion:248 Resp: 38791
Ion Ratio Lower Upper
248 100
250 214.0 80.6 120.8#
141 491.8 58.9 88.3#

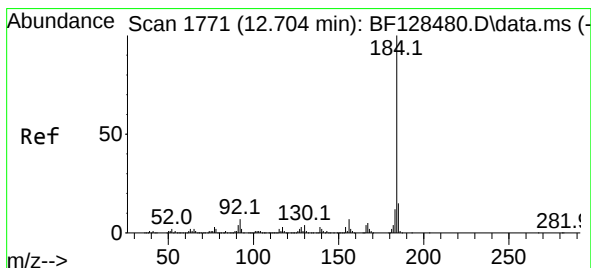
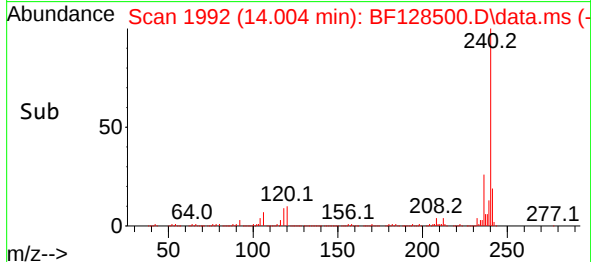
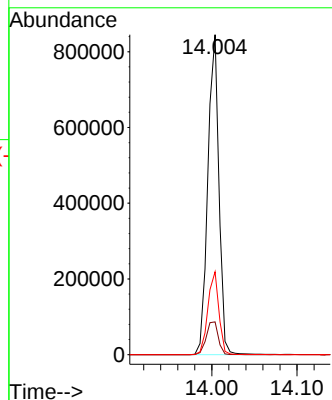
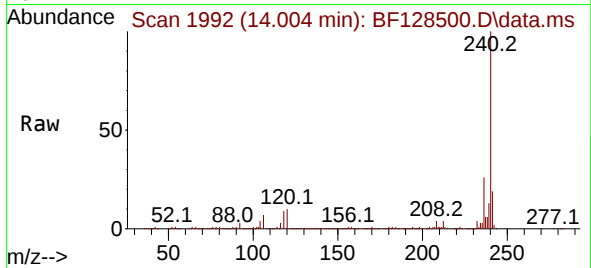




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF128500.D
Acq: 27 May 2022 10:07

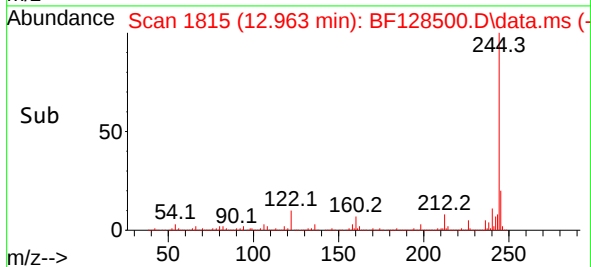
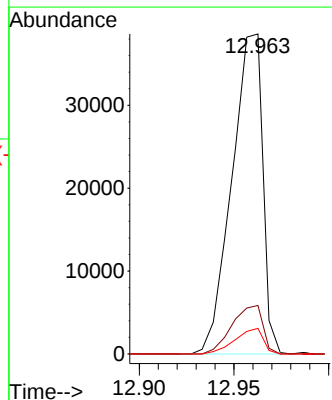
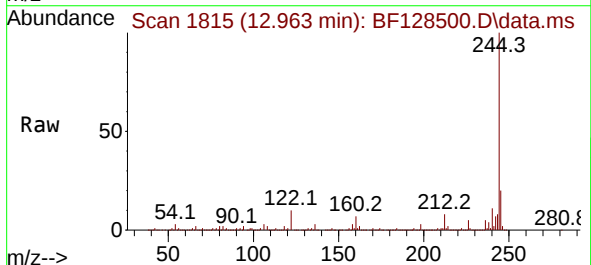
Instrument :
BNA_F
ClientSampleId :
PB145062BL

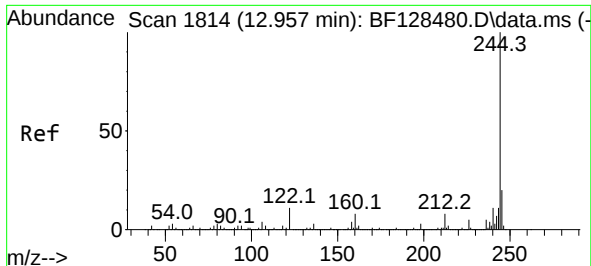
Tgt Ion:240 Resp: 763445
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 25.9 20.8 31.2



#77
Benzidine
Concen: 2.489 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.259 min
Lab File: BF128500.D
Acq: 27 May 2022 10:07

Tgt Ion:184 Resp: 43821
Ion Ratio Lower Upper
184 100
185 15.2 11.9 17.9
183 8.0 9.3 13.9#

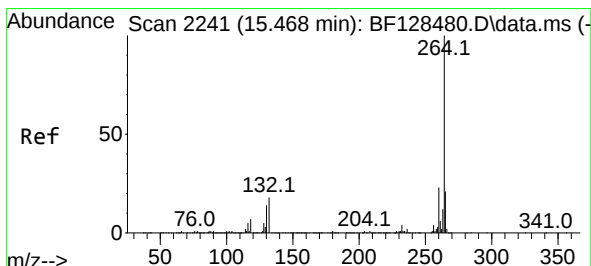
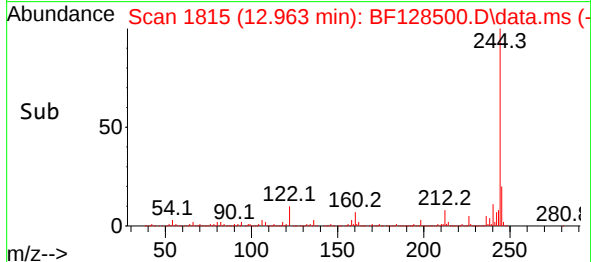
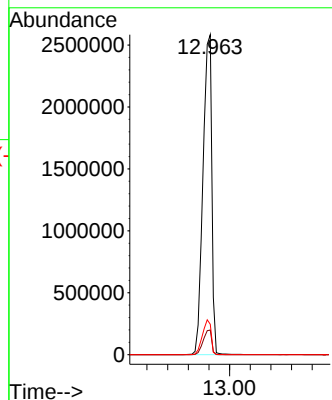
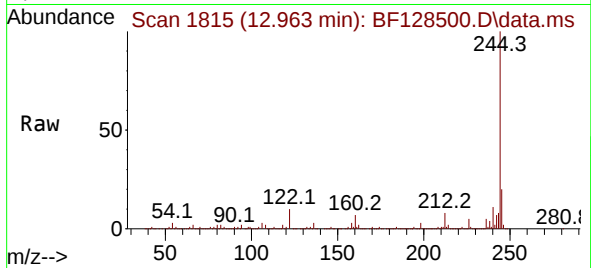




#79
 Terphenyl-d14
 Concen: 77.329 ng
 RT: 12.963 min Scan# 1814
 Delta R.T. 0.006 min
 Lab File: BF128500.D
 Acq: 27 May 2022 10:07

Instrument :
 BNA_F
 ClientSampleId :
 PB145062BL

Tgt Ion:244 Resp: 3055792
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 9.5 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: BF128500.D
 Acq: 27 May 2022 10:07

Tgt Ion:264 Resp: 616250
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.4 27.6
 265 21.1 17.2 25.8

