

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128503.D
 Acq On : 27 May 2022 11:39
 Operator : CG\JU
 Sample : N2954-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-220518

Quant Time: May 27 23:17:43 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)

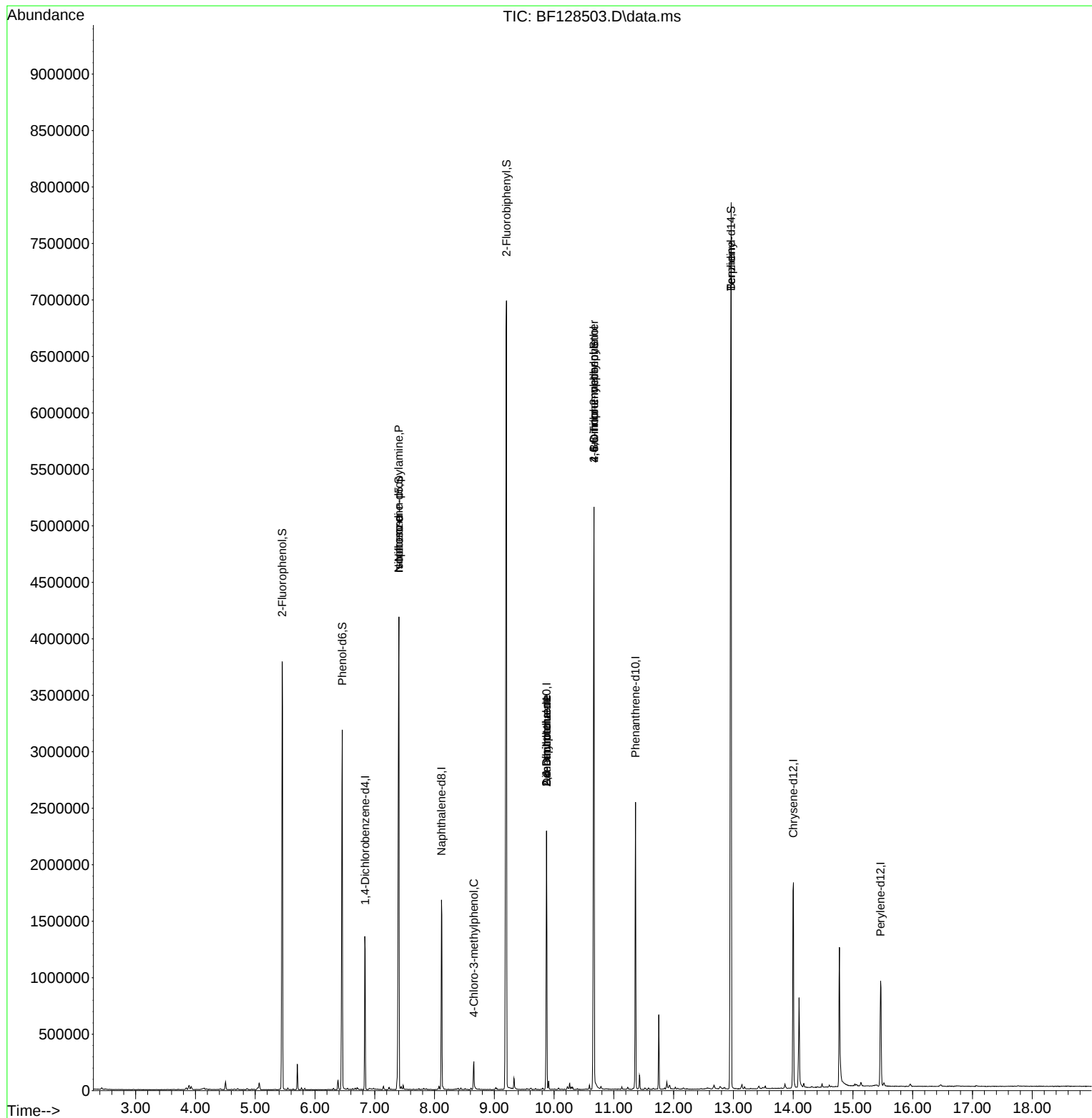
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	197002	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	769000	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	441887	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	876105	20.000	ng	0.00
76) Chrysene-d12	14.004	240	654233	20.000	ng	0.00
86) Perylene-d12	15.462	264	429794	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1080641	90.861	ng	0.00
7) Phenol-d6	6.457	99	1072300	70.712	ng	-0.01
23) Nitrobenzene-d5	7.404	82	1522113	114.184	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	699359	166.276	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2757649	101.388	ng	0.00
79) Terphenyl-d14	12.963	244	3387003	100.019	ng	0.00
Target Compounds						
9) Benzaldehyde	6.381	77	12388	Below Cal		Qvalue 92
19) n-Nitroso-di-n-propyla...	7.404	70	208092	22.381 ng	#	78
25) Isophorone	7.404	82	1518375	61.745 ng	#	65
36) 4-Chloro-3-methylphenol	8.657	107	53284	4.578 ng		90
50) Dimethylphthalate	9.875	163	80120	2.795 ng	#	1
51) 2,6-Dinitrotoluene	9.875	165	58068	11.054 ng	#	25
57) 2,4-Dinitrotoluene	9.875	165	58068	9.239 ng	#	21
65) 4,6-Dinitro-2-methylph...	10.669	198	1823	5.901 ng	#	1
67) 4-Bromophenyl-phenylether	10.669	248	45198	4.993 ng	#	1
77) Benzidine	12.963	184	48576	3.219 ng	#	92

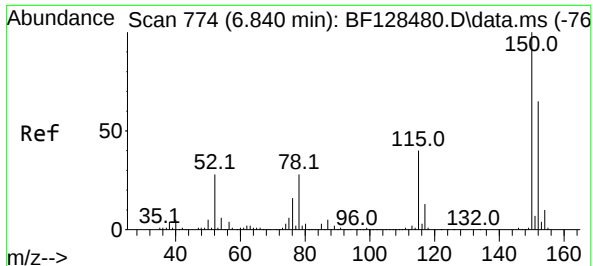
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
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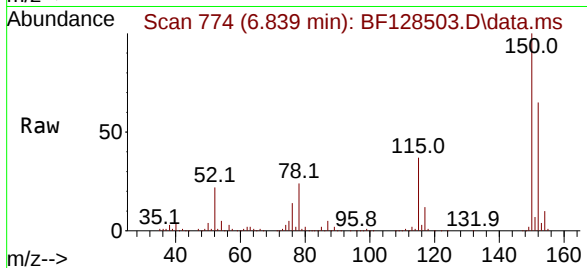
Quant Time: May 27 23:17:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
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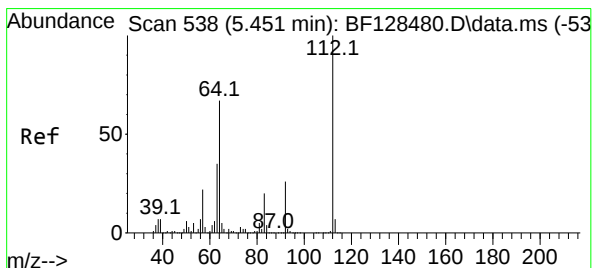
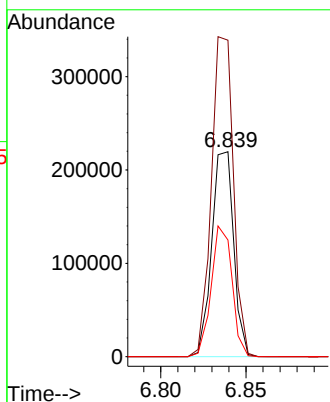
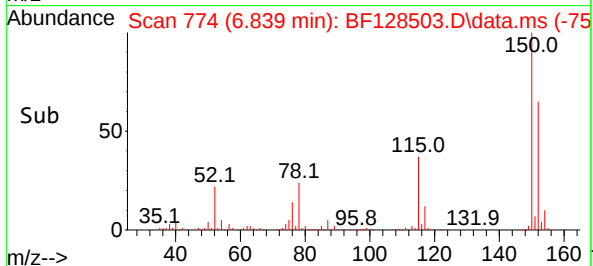


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128503.D
Acq: 27 May 2022 11:39

Instrument :
BNA_F
ClientSampleId :
RB-220518

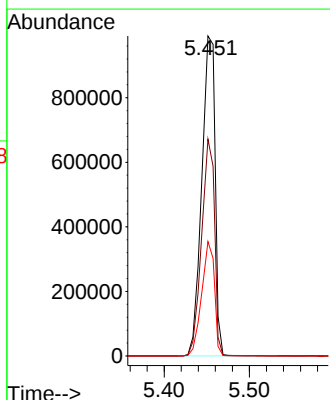
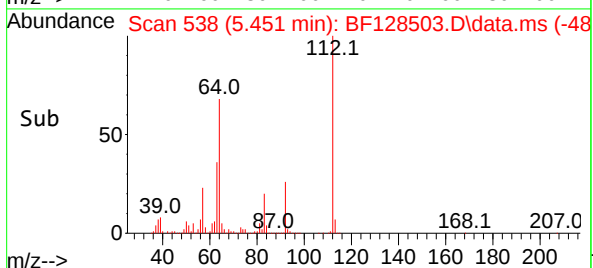
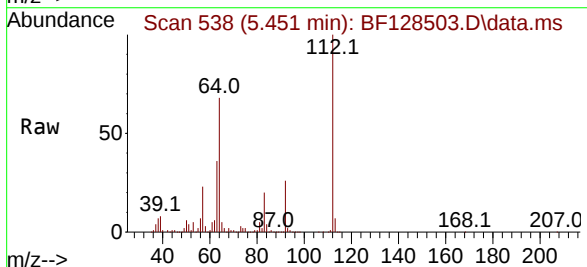


Tgt Ion:152 Resp: 197002
Ion Ratio Lower Upper
152 100
150 154.4 123.7 185.5
115 56.9 49.9 74.9



#5
2-Fluorophenol
Concen: 90.861 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.000 min
Lab File: BF128503.D
Acq: 27 May 2022 11:39

Tgt Ion:112 Resp: 1080641
Ion Ratio Lower Upper
112 100
64 67.8 53.3 79.9
63 35.7 28.0 42.0

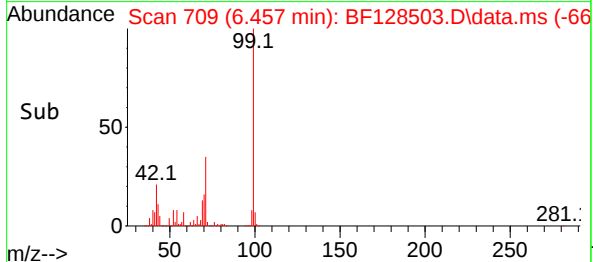
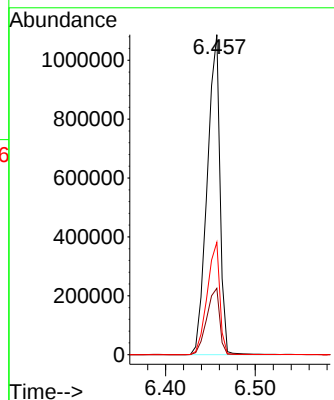
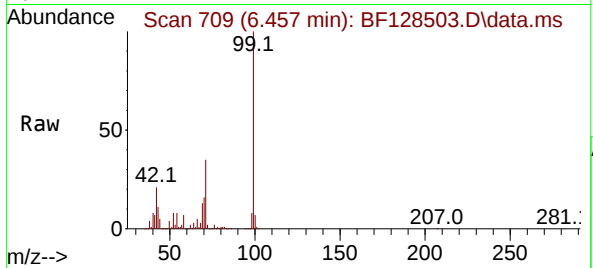




#7
Phenol-d6
Concen: 70.712 ng
RT: 6.457 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF128503.D
Acq: 27 May 2022 11:39

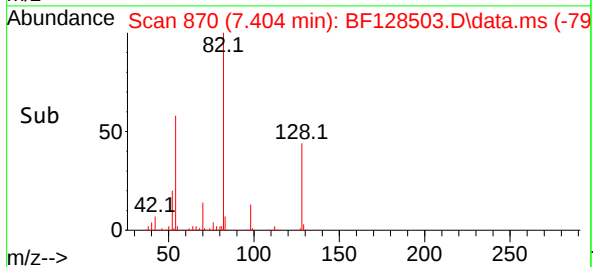
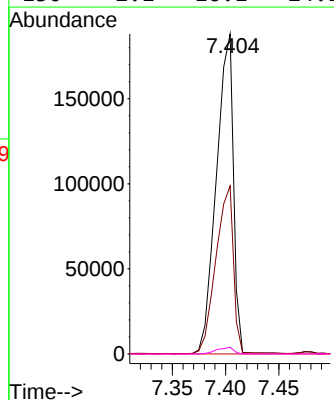
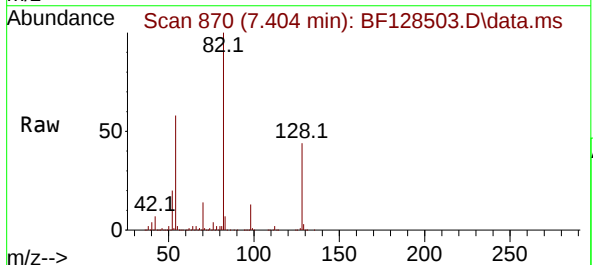
Instrument :
BNA_F
ClientSampleId :
RB-220518

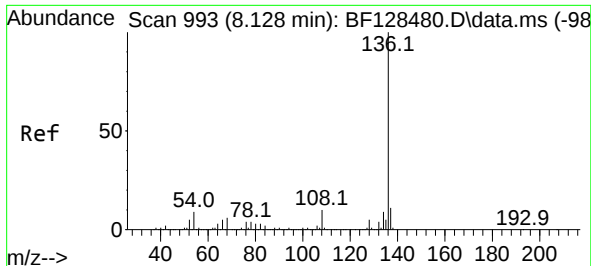
Tgt Ion: 99 Resp: 1072300
Ion Ratio Lower Upper
99 100
42 20.8 17.3 25.9
71 35.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 22.381 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.141 min
Lab File: BF128503.D
Acq: 27 May 2022 11:39

Tgt Ion: 70 Resp: 208092
Ion Ratio Lower Upper
70 100
42 52.5 52.3 78.5
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#

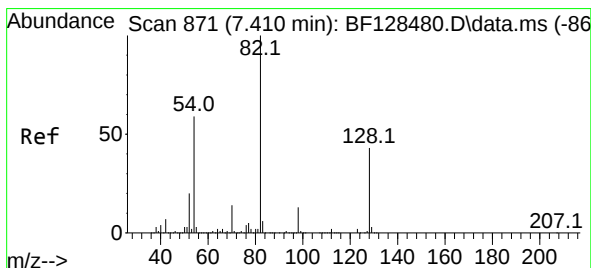
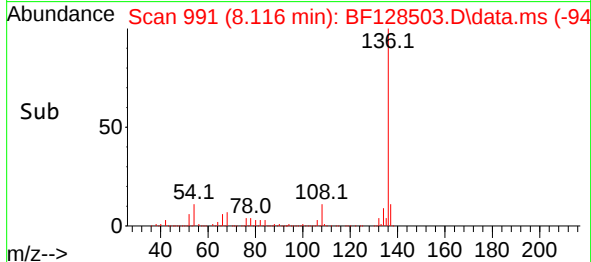
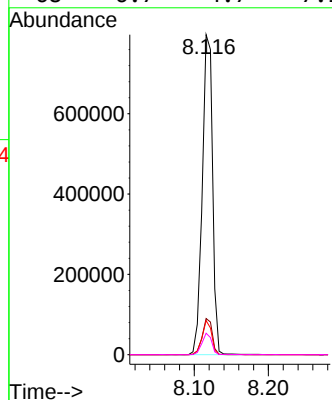
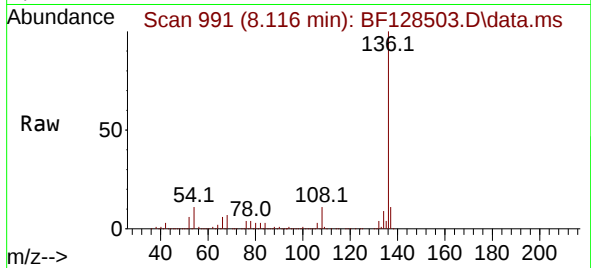




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128503.D
Acq: 27 May 2022 11:39

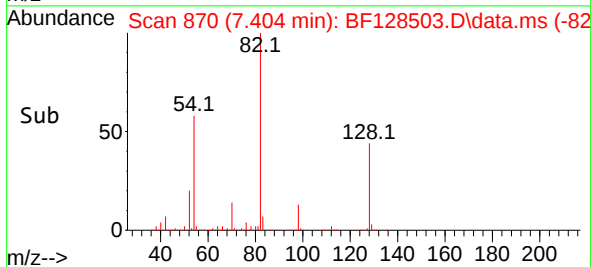
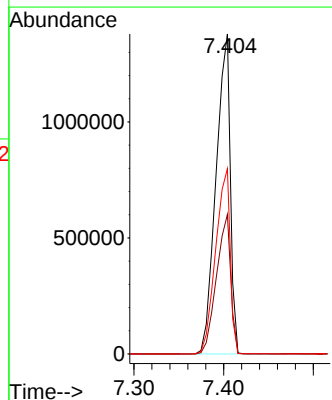
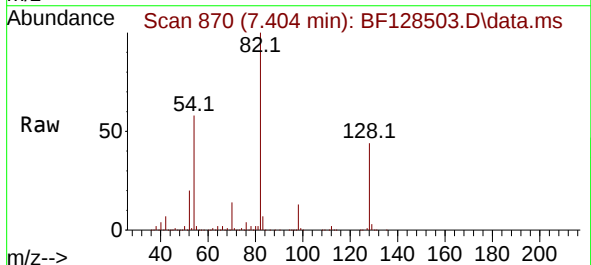
Instrument :
BNA_F
ClientSampleId :
RB-220518

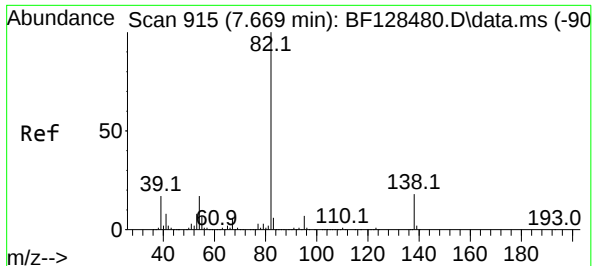
Tgt Ion:136 Resp: 769000
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 10.6 7.5 11.3
68 6.7 4.7 7.1



#23
Nitrobenzene-d5
Concen: 114.184 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF128503.D
Acq: 27 May 2022 11:39

Tgt Ion: 82 Resp: 1522113
Ion Ratio Lower Upper
82 100
128 43.6 34.0 51.0
54 57.9 46.9 70.3

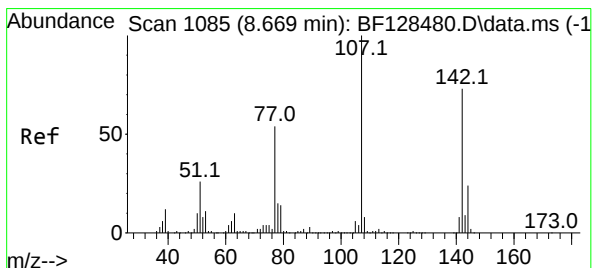
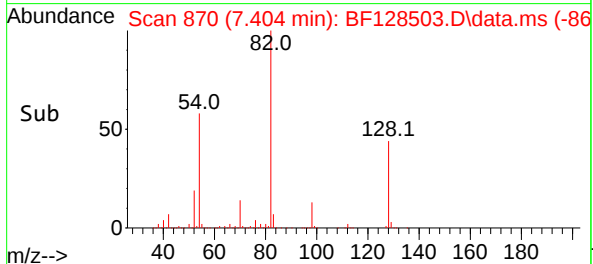
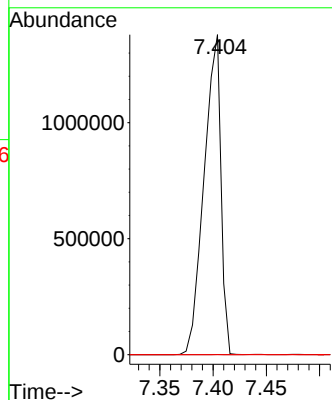
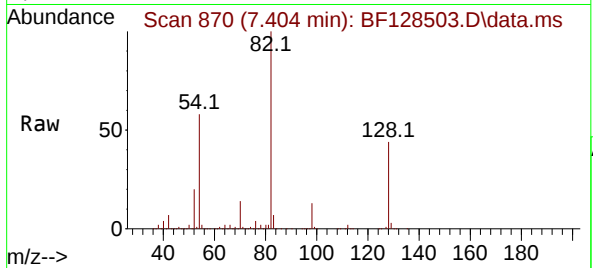




#25
Isophorone
Concen: 61.745 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128503.D
Acq: 27 May 2022 11:39

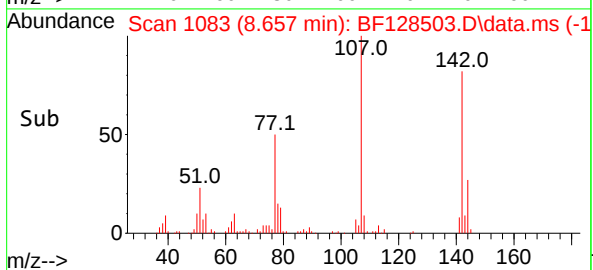
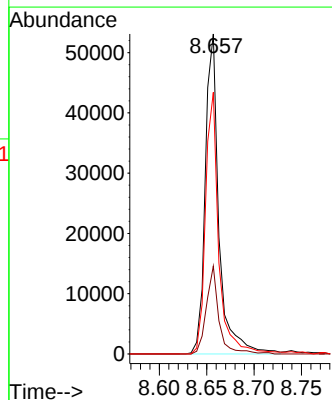
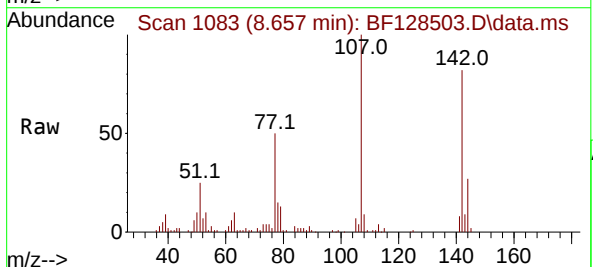
Instrument :
BNA_F
ClientSampleId :
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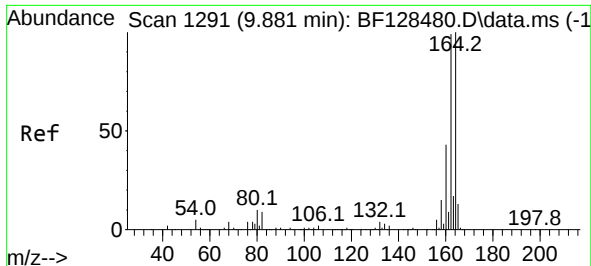
Tgt Ion: 82 Resp: 1518375
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#36
4-Chloro-3-methylphenol
Concen: 4.578 ng
RT: 8.657 min Scan# 1083
Delta R.T. -0.012 min
Lab File: BF128503.D
Acq: 27 May 2022 11:39

Tgt Ion:107 Resp: 53284
Ion Ratio Lower Upper
107 100
144 27.5 19.5 29.3
142 81.7 58.2 87.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128503.D

Acq: 27 May 2022 11:39

Instrument :

BNA_F

ClientSampleId :

RB-220518

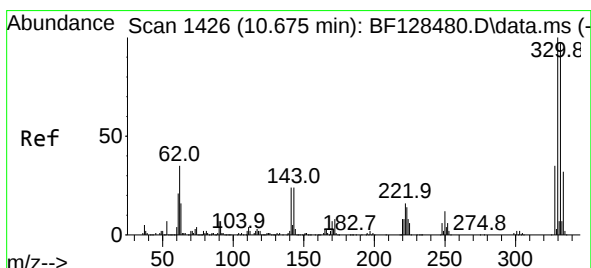
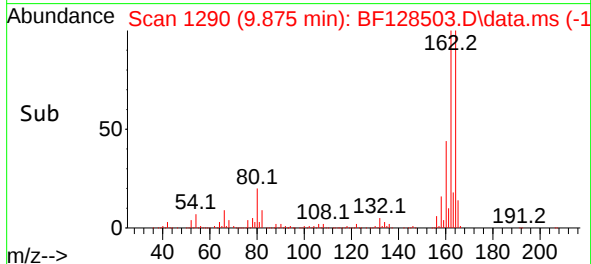
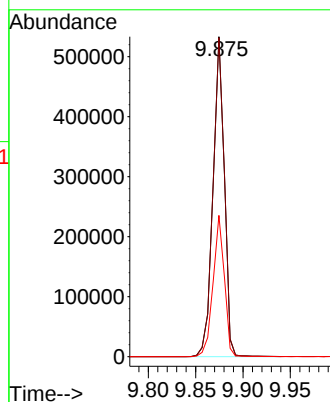
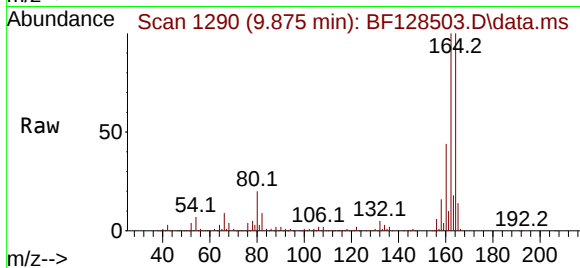
Tgt Ion:164 Resp: 441887

Ion Ratio Lower Upper

164 100

162 99.7 79.5 119.3

160 44.2 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 166.276 ng

RT: 10.669 min Scan# 1425

Delta R.T. -0.006 min

Lab File: BF128503.D

Acq: 27 May 2022 11:39

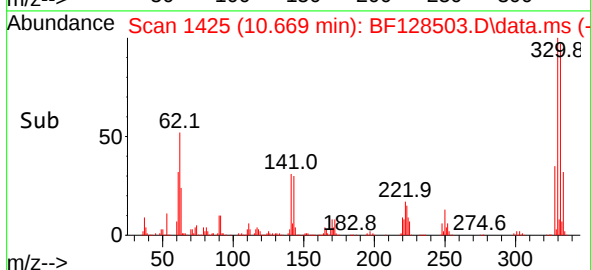
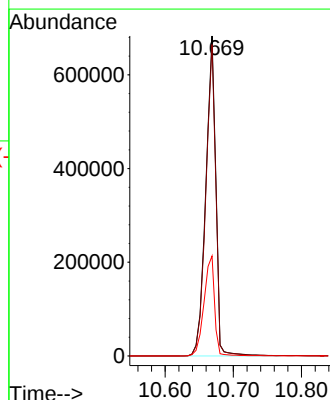
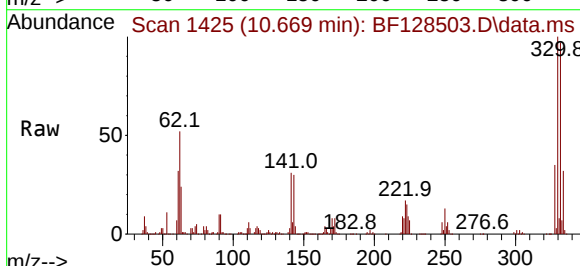
Tgt Ion:330 Resp: 699359

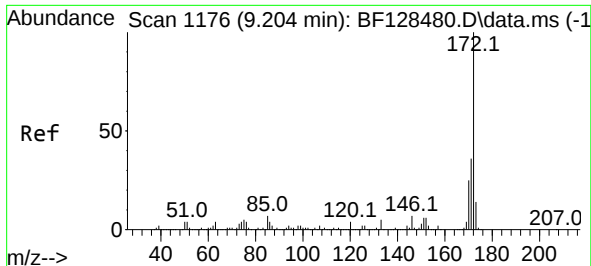
Ion Ratio Lower Upper

330 100

332 97.0 76.8 115.2

141 33.1 28.0 42.0

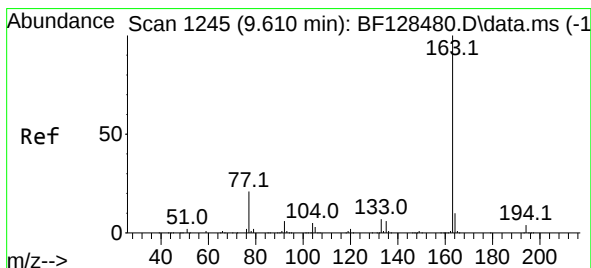
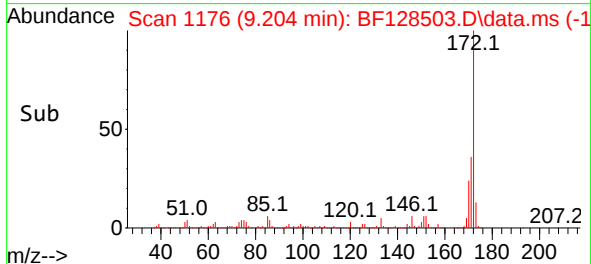
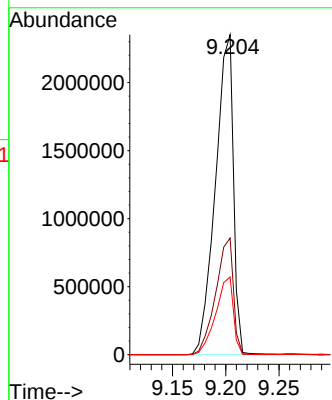
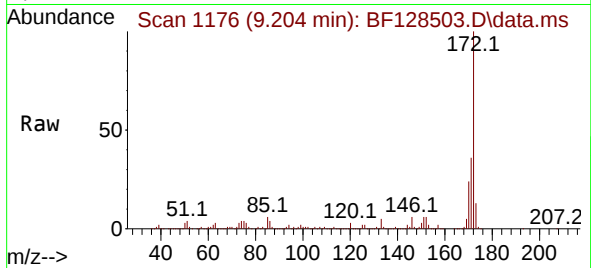




#45
2-Fluorobiphenyl
Concen: 101.388 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF128503.D
Acq: 27 May 2022 11:39

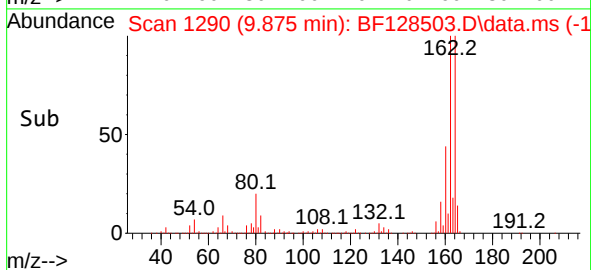
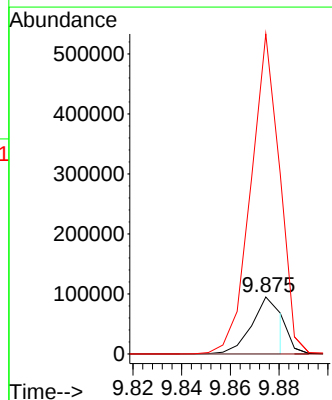
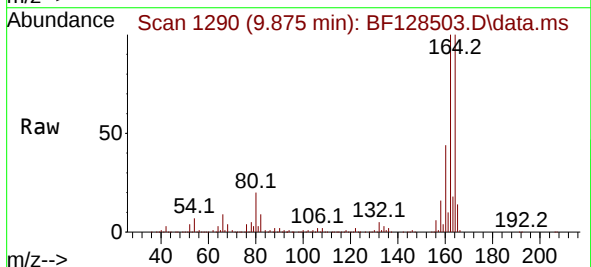
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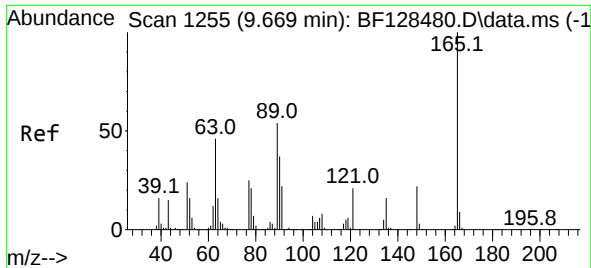
Tgt Ion:172 Resp: 2757649
Ion Ratio Lower Upper
172 100
171 36.5 28.8 43.2
170 24.3 19.8 29.8



#50
Dimethylphthalate
Concen: 2.795 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128503.D
Acq: 27 May 2022 11:39

Tgt Ion:163 Resp: 80120
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 562.4 8.2 12.2#

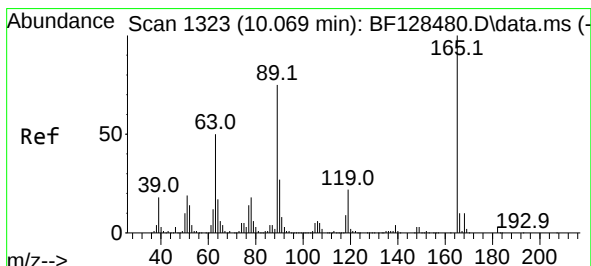
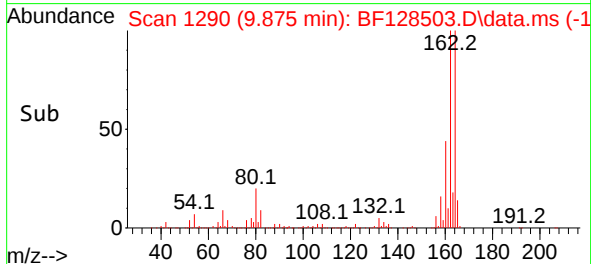
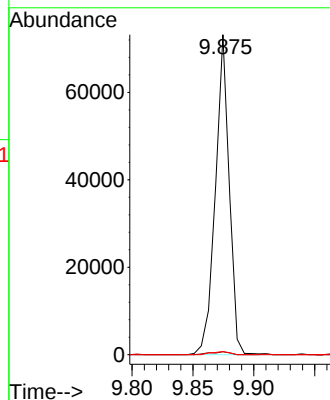
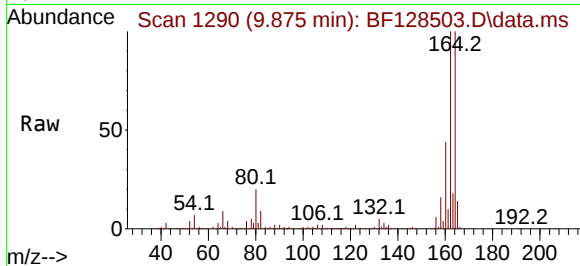




#51
2,6-Dinitrotoluene
Concen: 11.054 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128503.D
Acq: 27 May 2022 11:39

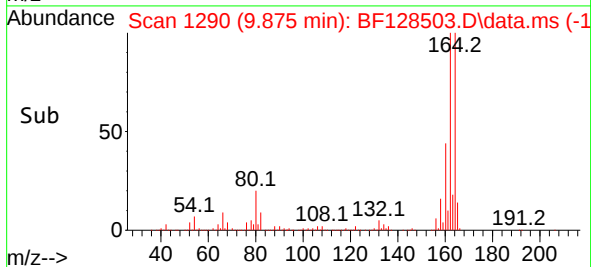
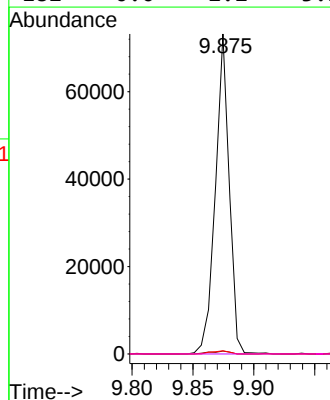
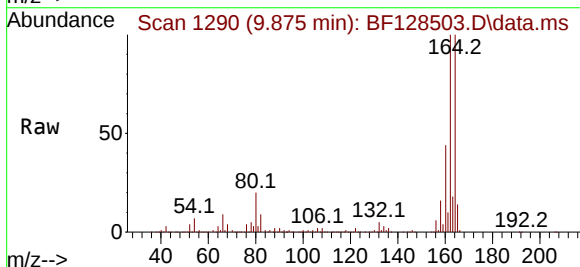
Instrument :
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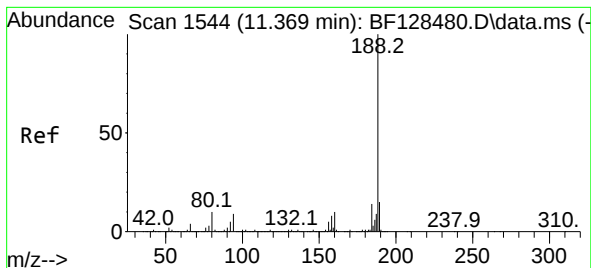
Tgt Ion:165 Resp: 58068
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.0 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 9.239 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.194 min
Lab File: BF128503.D
Acq: 27 May 2022 11:39

Tgt Ion:165 Resp: 58068
Ion Ratio Lower Upper
165 100
63 0.9 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# 11

Delta R.T. -0.006 min

Lab File: BF128503.D

Acq: 27 May 2022 11:39

Instrument :

BNA_F

ClientSampleId :

RB-220518

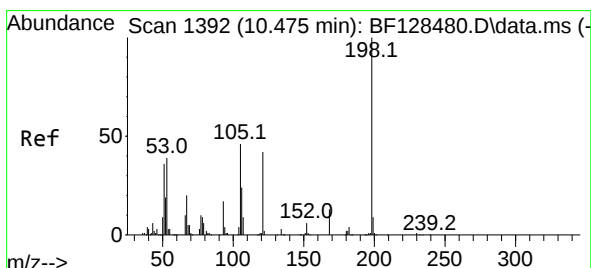
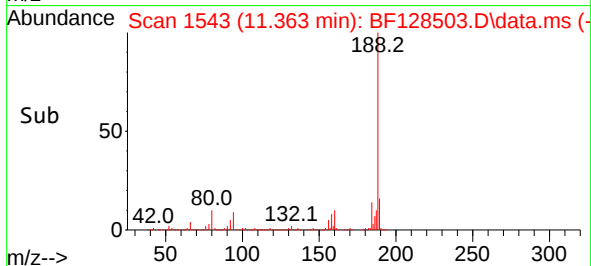
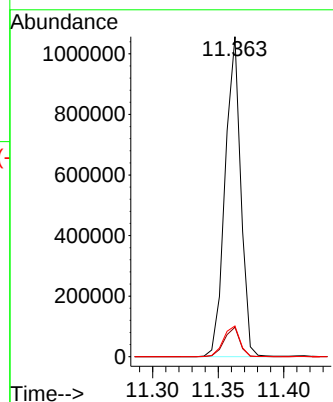
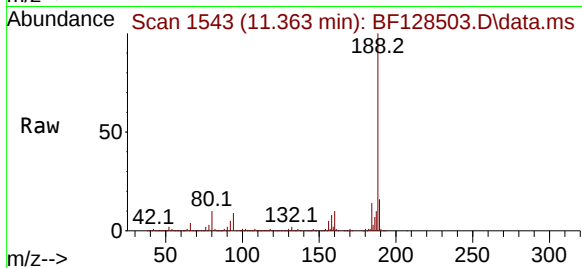
Tgt Ion:188 Resp: 876105

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.6

80 9.6 7.6 11.4



#65

4,6-Dinitro-2-methylphenol

Concen: 5.901 ng

RT: 10.669 min Scan# 1425

Delta R.T. 0.194 min

Lab File: BF128503.D

Acq: 27 May 2022 11:39

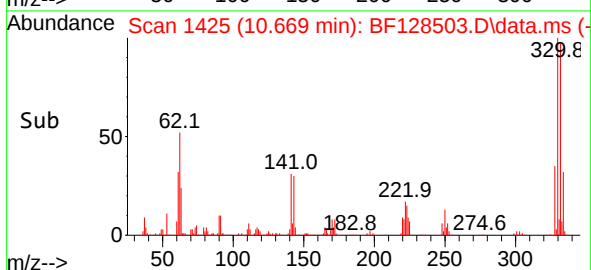
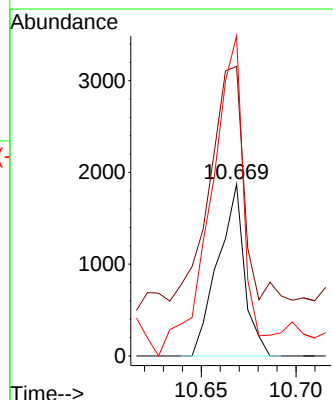
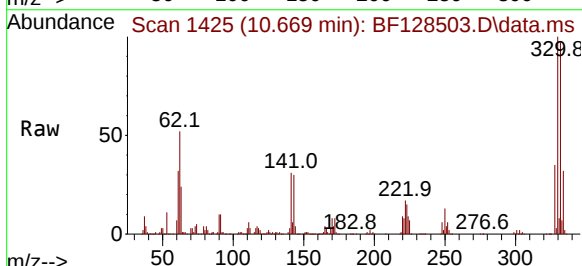
Tgt Ion:198 Resp: 1823

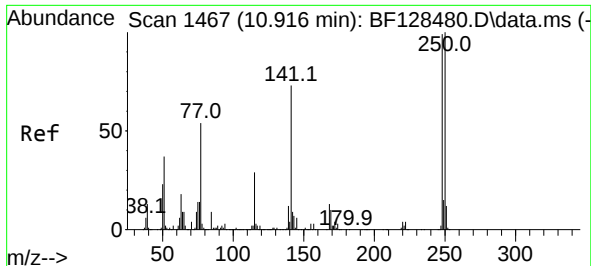
Ion Ratio Lower Upper

198 100

51 168.7 37.6 77.6#

105 186.5 27.0 67.0#

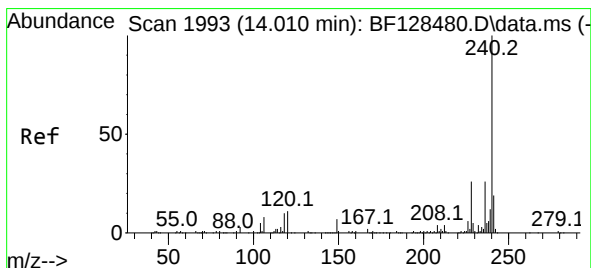
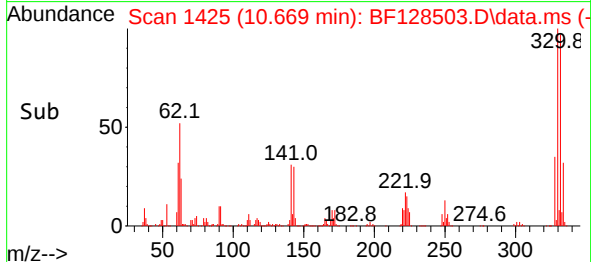
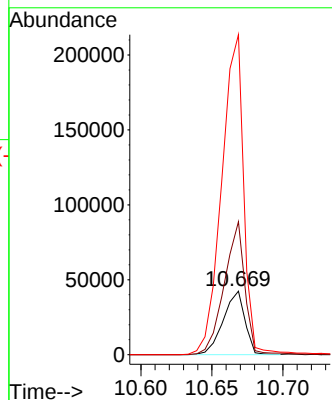
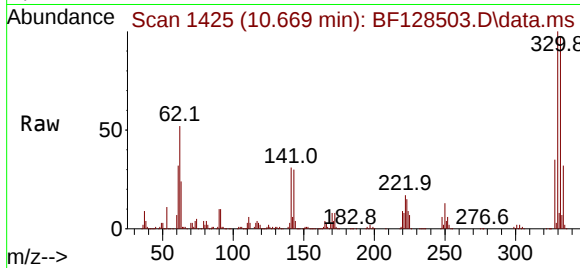




#67
4-Bromophenyl-phenylether
Concen: 4.993 ng
RT: 10.669 min Scan# 1467
Delta R.T. -0.247 min
Lab File: BF128503.D
Acq: 27 May 2022 11:39

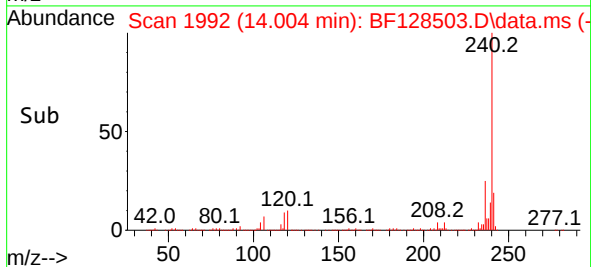
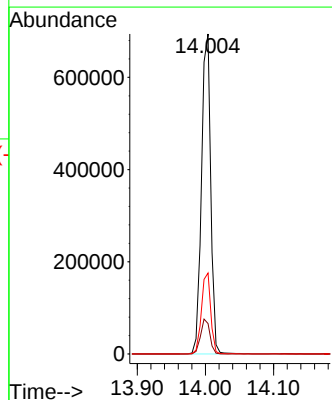
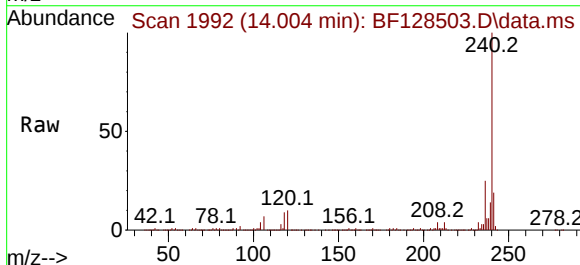
Instrument :
BNA_F
ClientSampleId :
RB-220518

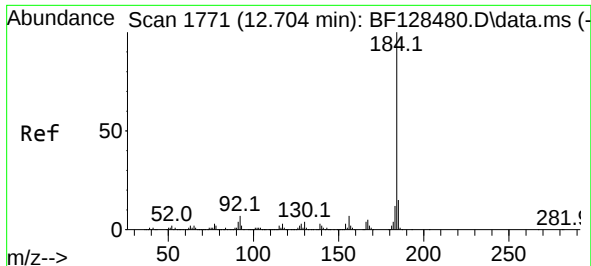
Tgt Ion:248 Resp: 45198
Ion Ratio Lower Upper
248 100
250 209.1 80.6 120.8#
141 503.6 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF128503.D
Acq: 27 May 2022 11:39

Tgt Ion:240 Resp: 654233
Ion Ratio Lower Upper
240 100
120 9.5 8.9 13.3
236 25.3 20.8 31.2

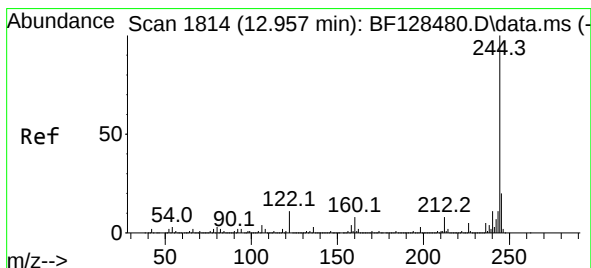
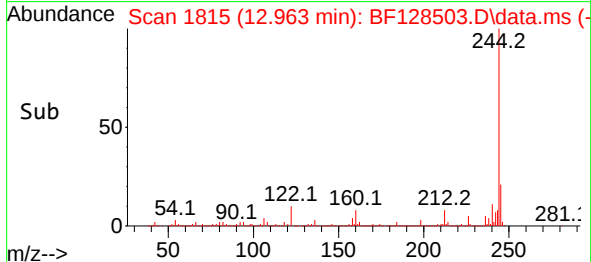
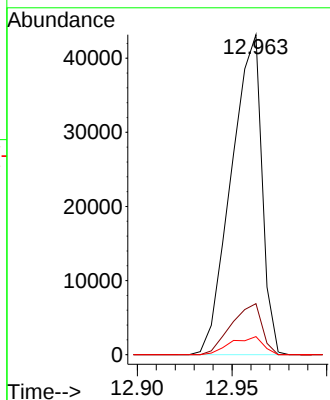
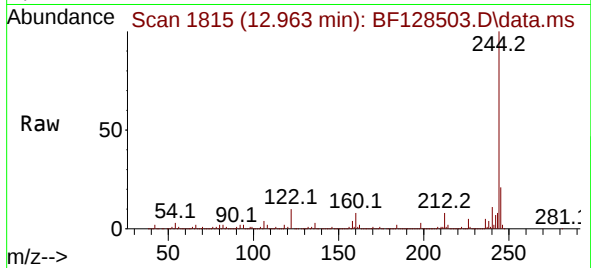




#77
Benzidine
Concen: 3.219 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.259 min
Lab File: BF128503.D
Acq: 27 May 2022 11:39

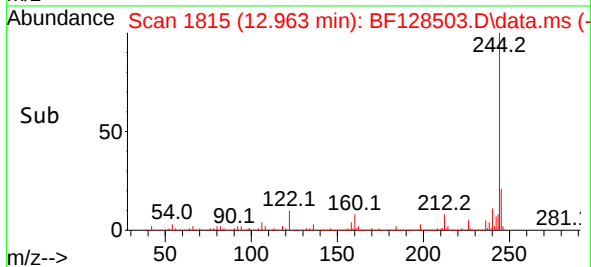
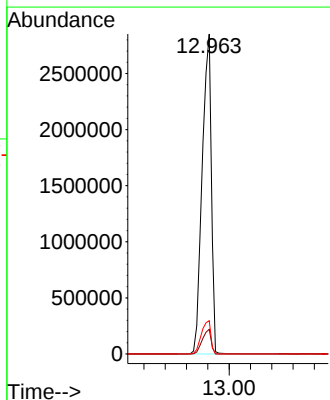
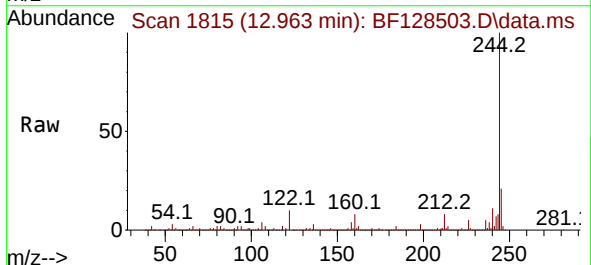
Instrument :
BNA_F
ClientSampleId :
RB-220518

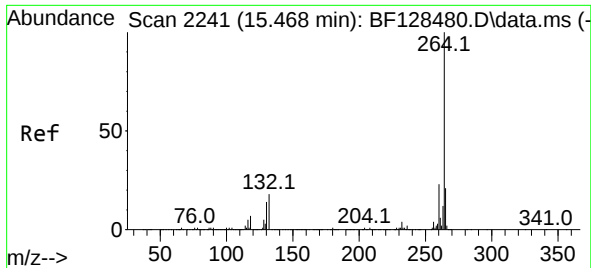
Tgt Ion:184 Resp: 48576
Ion Ratio Lower Upper
184 100
185 16.0 11.9 17.9
183 5.7 9.3 13.9#



#79
Terphenyl-d14
Concen: 100.019 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.006 min
Lab File: BF128503.D
Acq: 27 May 2022 11:39

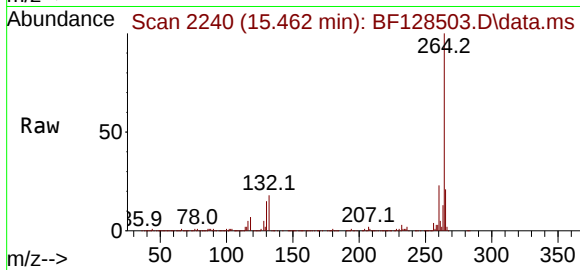
Tgt Ion:244 Resp: 3387003
Ion Ratio Lower Upper
244 100
212 7.7 6.1 9.1
122 10.4 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128503.D
Acq: 27 May 2022 11:39

Instrument :
BNA_F
ClientSampleId :
RB-220518



Tgt Ion:264 Resp: 429794

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	21.4	17.2	25.8

