

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128502.D
 Acq On : 27 May 2022 11:10
 Operator : CG\JU
 Sample : N2927-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P010-SS003-2430-01

Quant Time: May 27 23:17:37 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)

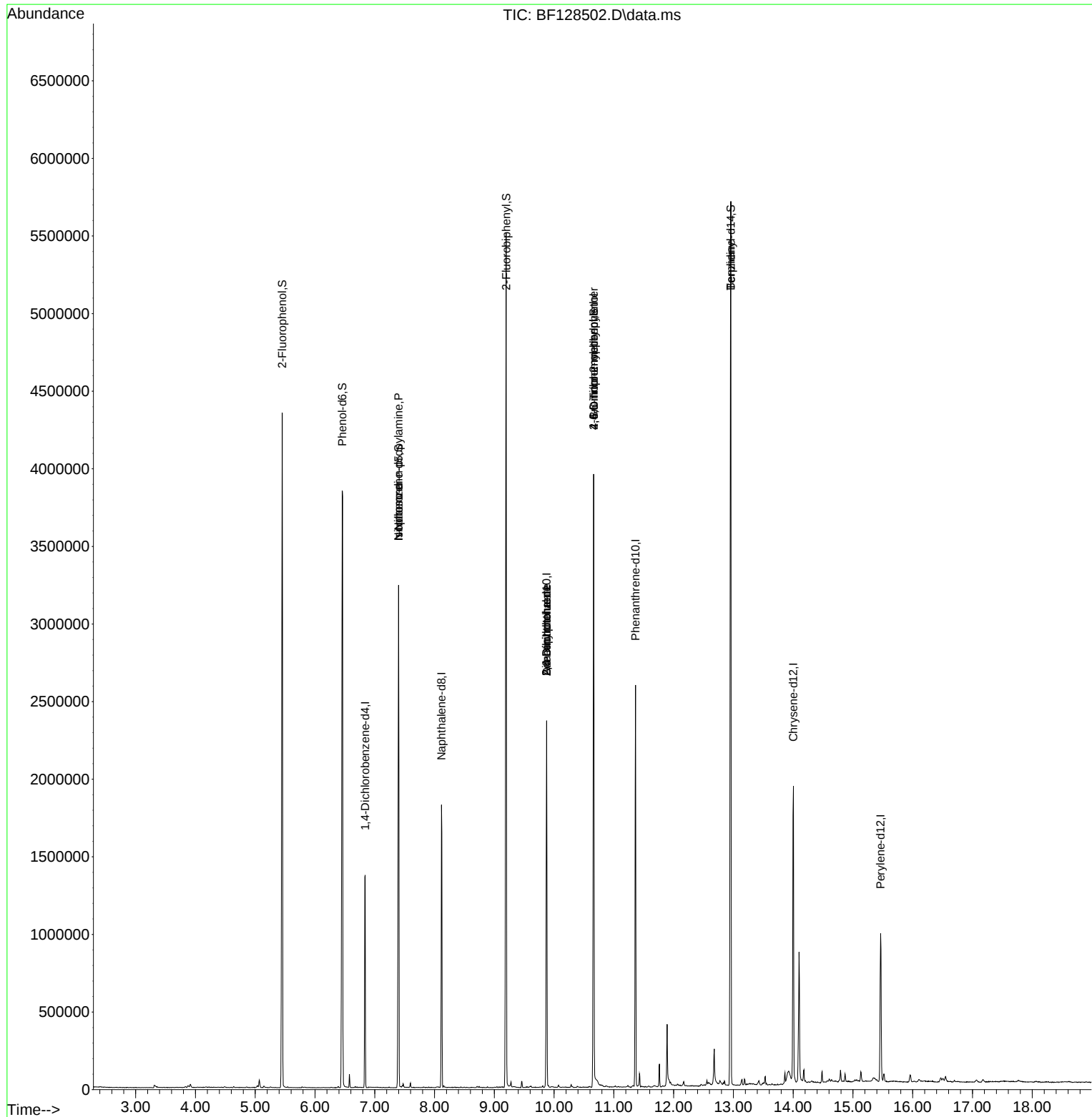
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	203202	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	793272	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	466160	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	912756	20.000	ng	0.00
76) Chrysene-d12	14.004	240	659740	20.000	ng	0.00
86) Perylene-d12	15.462	264	439691	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1236135	100.764	ng	0.00
7) Phenol-d6	6.457	99	1587516	101.493	ng	-0.01
23) Nitrobenzene-d5	7.398	82	1039056	75.562	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	484141	109.113	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1821029	63.466	ng	0.00
79) Terphenyl-d14	12.957	244	2130133	62.378	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.340	77	115	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.398	70	140635	14.664	ng	# 79
25) Isophorone	7.398	82	1036725	40.869	ng	# 65
50) Dimethylphthalate	9.875	163	82987	2.744	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	60573	10.930	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	60573	9.136	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	1114	5.736	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	31501	3.340	ng	# 1
77) Benzidine	12.957	184	30583	2.010	ng	# 94

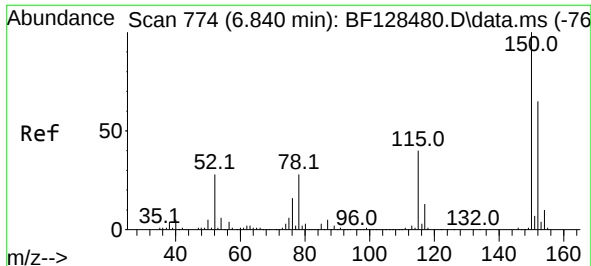
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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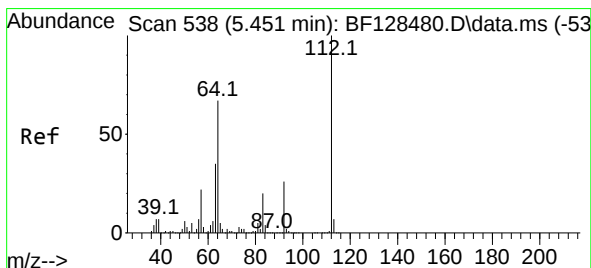
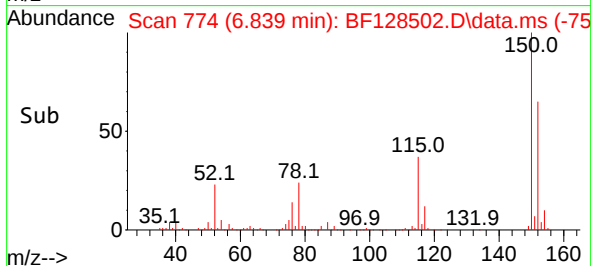
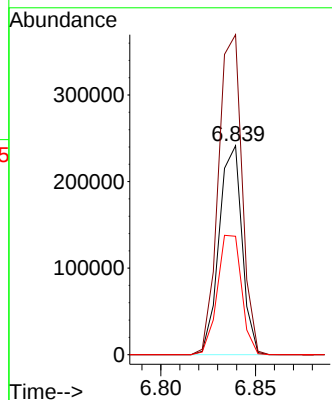
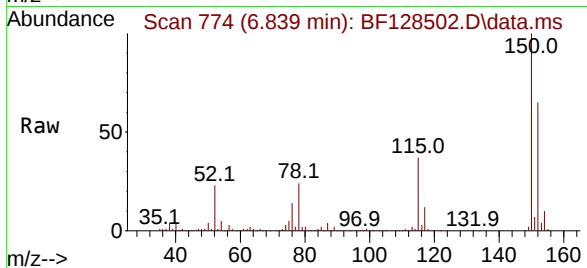




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128502.D
Acq: 27 May 2022 11:10

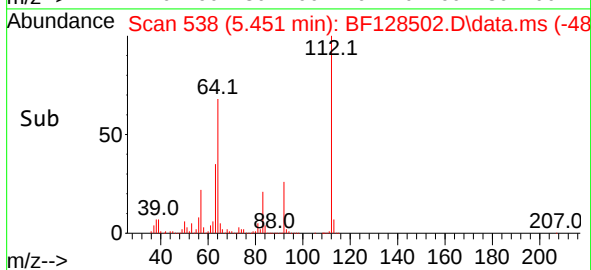
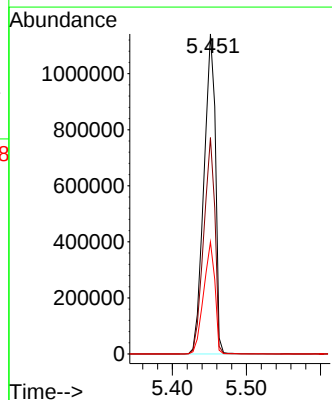
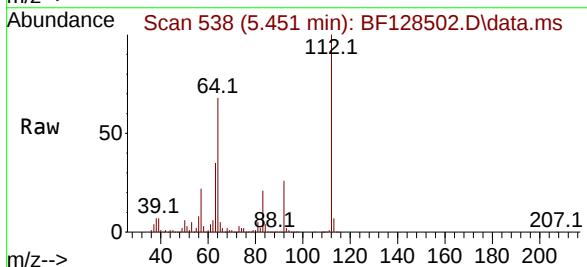
Instrument :
BNA_F
ClientSampleId :
P010-SS003-2430-01

Tgt Ion:152 Resp: 203202
Ion Ratio Lower Upper
152 100
150 153.2 123.7 185.5
115 56.7 49.9 74.9



#5
2-Fluorophenol
Concen: 100.764 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.000 min
Lab File: BF128502.D
Acq: 27 May 2022 11:10

Tgt Ion:112 Resp: 1236135
Ion Ratio Lower Upper
112 100
64 67.6 53.3 79.9
63 35.0 28.0 42.0

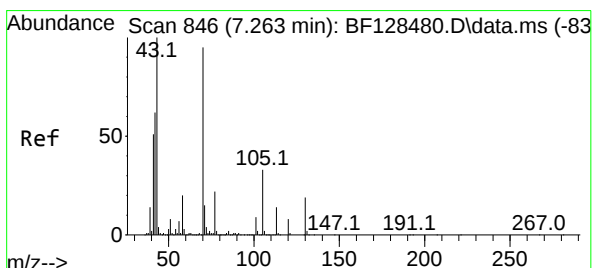
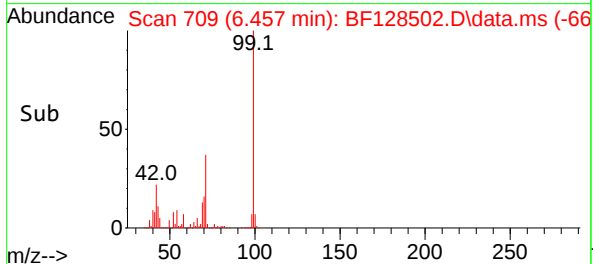
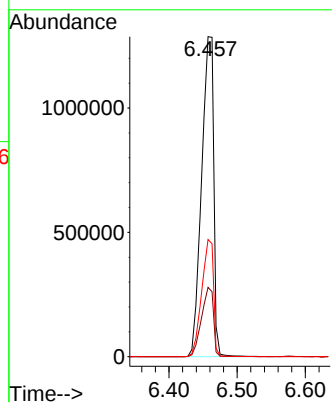
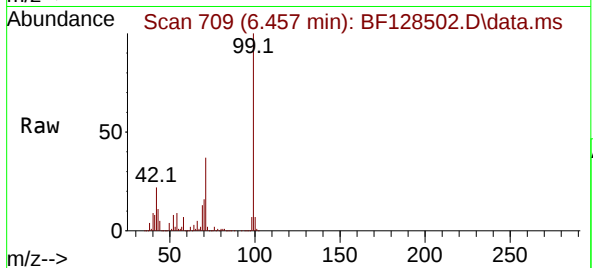




#7
Phenol-d6
Concen: 101.493 ng
RT: 6.457 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF128502.D
Acq: 27 May 2022 11:10

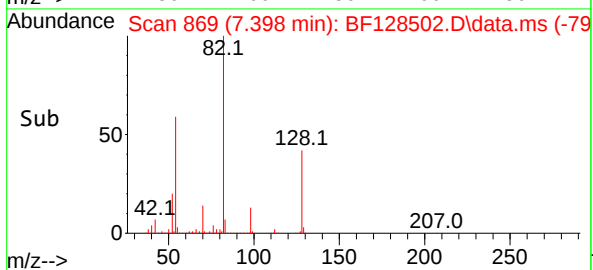
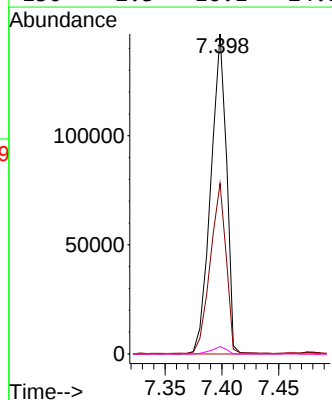
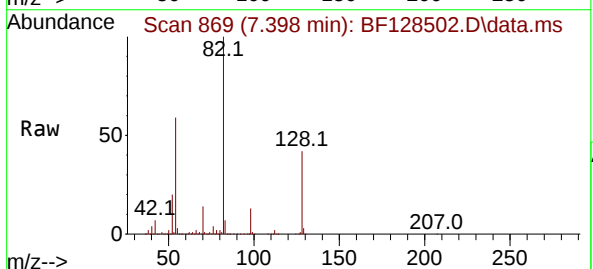
Instrument :
BNA_F
ClientSampleId :
P010-SS003-2430-01

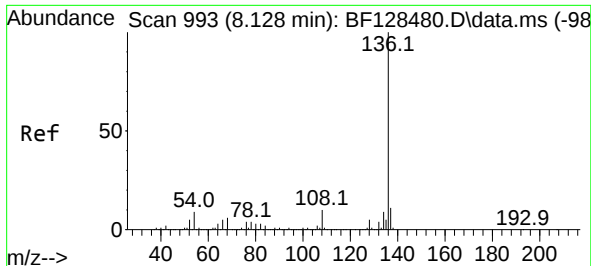
Tgt Ion: 99 Resp: 1587516
Ion Ratio Lower Upper
99 100
42 21.7 17.3 25.9
71 36.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.664 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128502.D
Acq: 27 May 2022 11:10

Tgt Ion: 70 Resp: 140635
Ion Ratio Lower Upper
70 100
42 53.3 52.3 78.5
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#



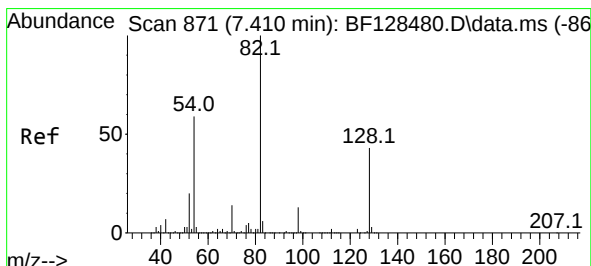
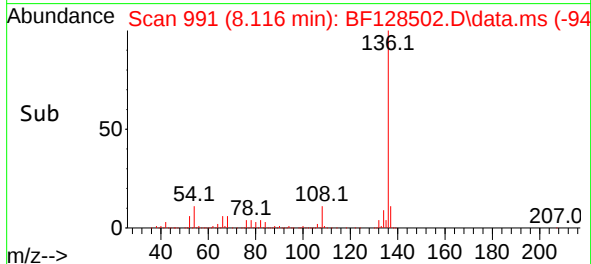
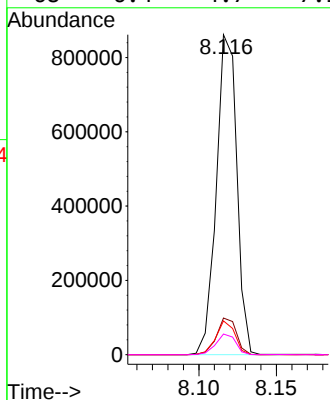
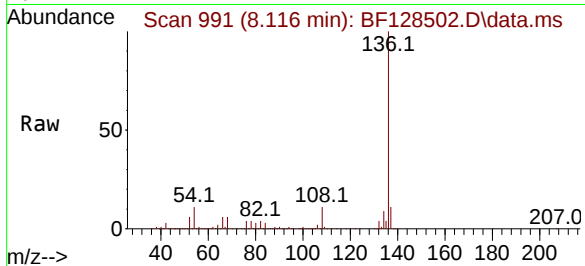


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128502.D
Acq: 27 May 2022 11:10

Instrument :
BNA_F
ClientSampleId :
P010-SS003-2430-01

Tgt Ion:136 Resp: 793272

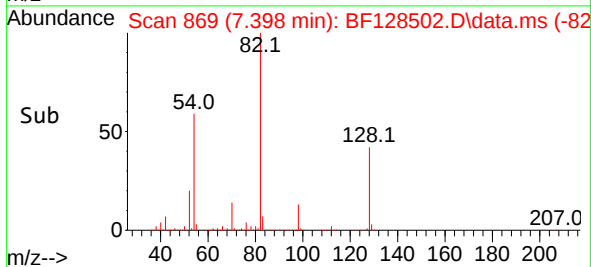
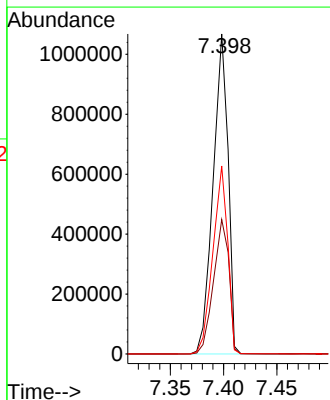
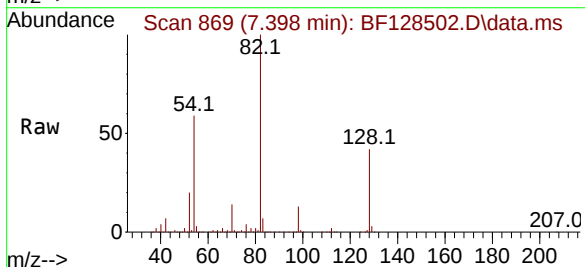
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	10.5	7.5	11.3
68	6.4	4.7	7.1

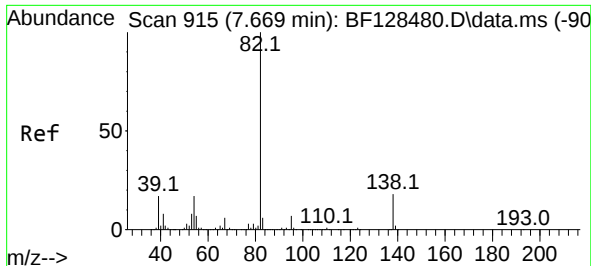


#23
Nitrobenzene-d5
Concen: 75.562 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128502.D
Acq: 27 May 2022 11:10

Tgt Ion: 82 Resp: 1039056

Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.0	51.0
54	58.7	46.9	70.3

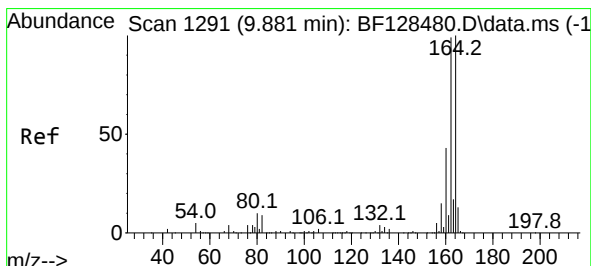
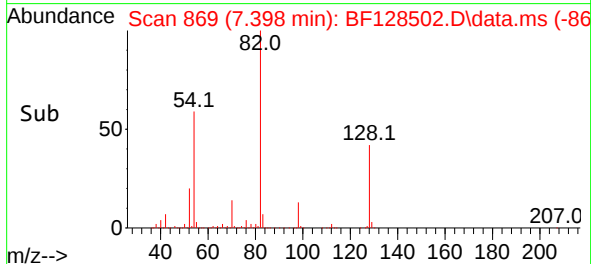
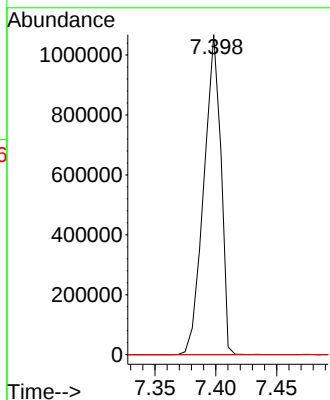
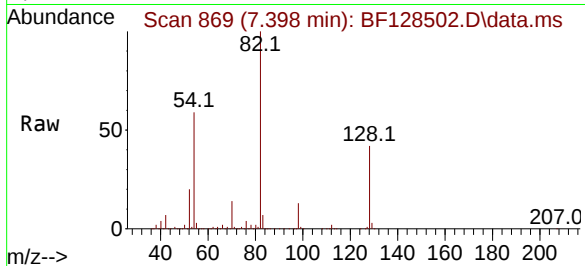




#25
Isophorone
Concen: 40.869 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128502.D
Acq: 27 May 2022 11:10

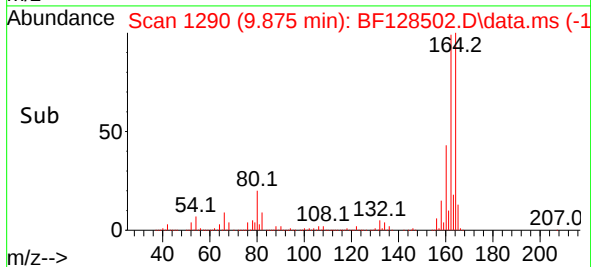
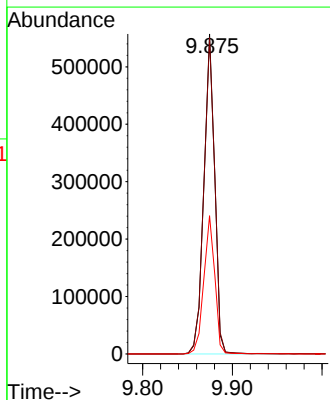
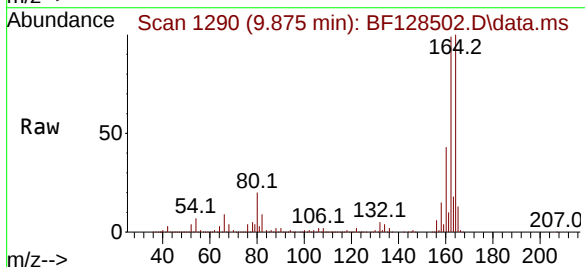
Instrument :
BNA_F
ClientSampleId :
P010-SS003-2430-01

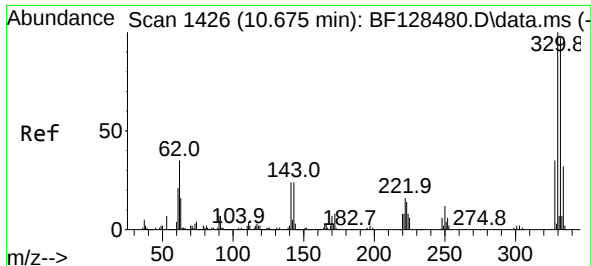
Tgt Ion: 82 Resp: 1036725
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128502.D
Acq: 27 May 2022 11:10

Tgt Ion:164 Resp: 466160
Ion Ratio Lower Upper
164 100
162 98.9 79.5 119.3
160 43.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 109.113 ng

RT: 10.663 min Scan# 1426

Delta R.T. -0.012 min

Lab File: BF128502.D

Acq: 27 May 2022 11:10

Instrument :

BNA_F

ClientSampleId :

P010-SS003-2430-01

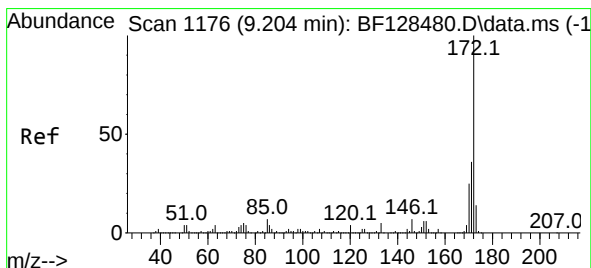
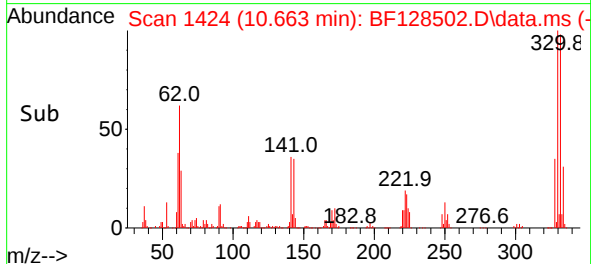
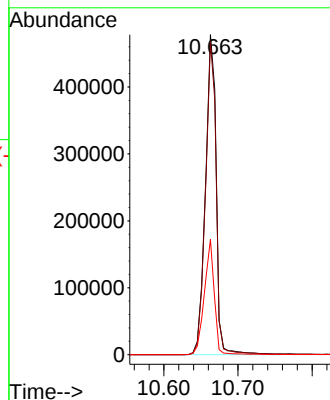
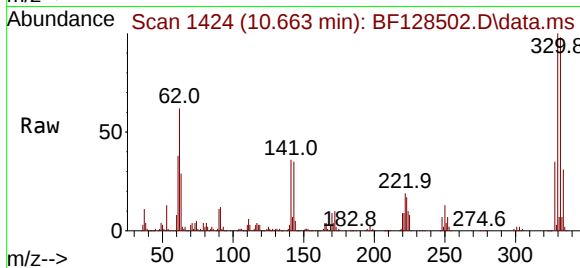
Tgt Ion:330 Resp: 484141

Ion Ratio Lower Upper

330 100

332 97.3 76.8 115.2

141 33.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 63.466 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128502.D

Acq: 27 May 2022 11:10

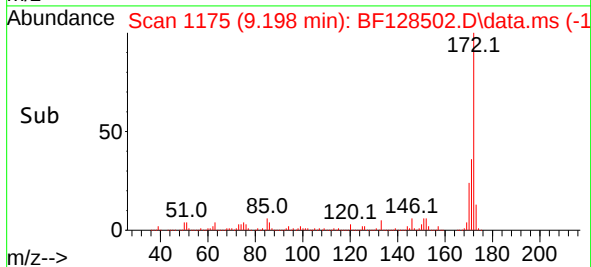
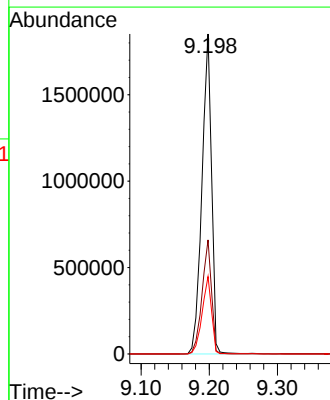
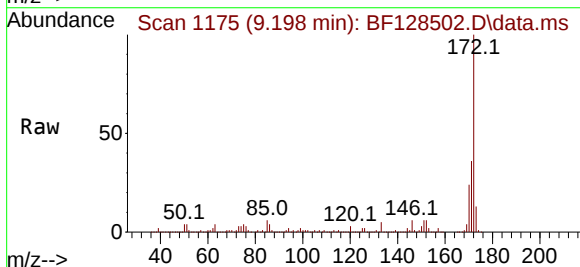
Tgt Ion:172 Resp: 1821029

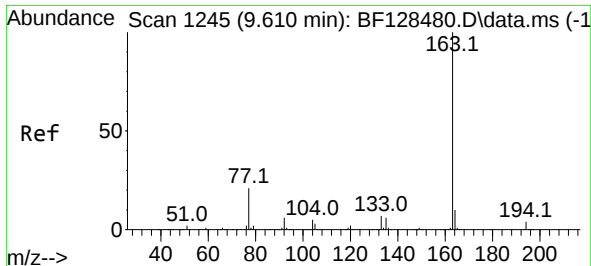
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.2 19.8 29.8

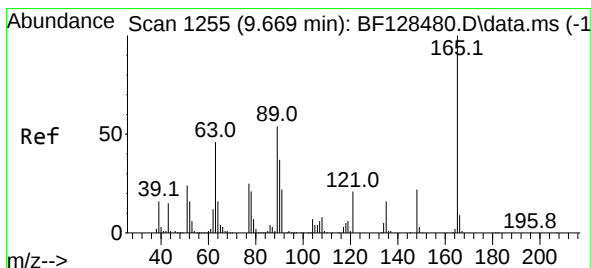
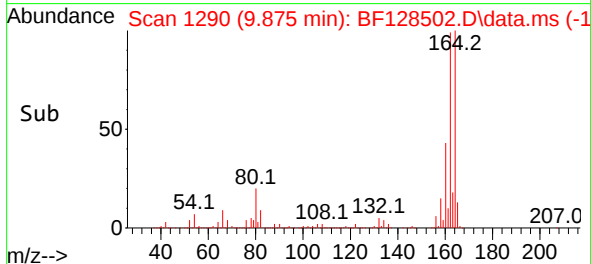
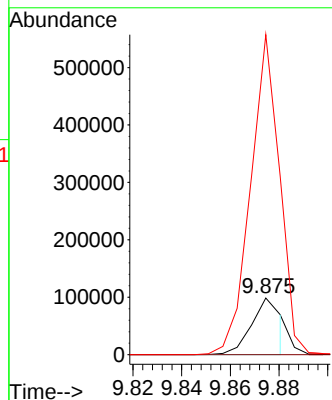
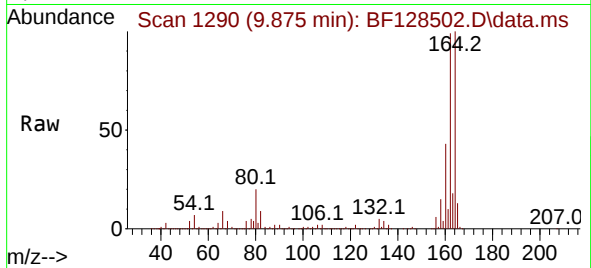




#50
Dimethylphthalate
Concen: 2.744 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128502.D
Acq: 27 May 2022 11:10

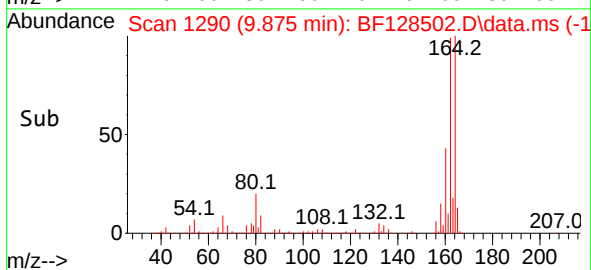
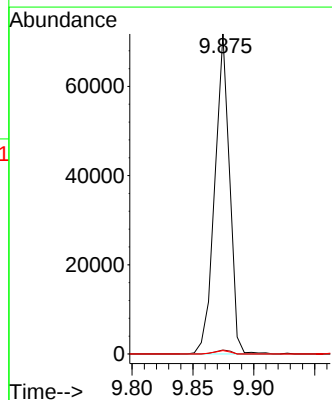
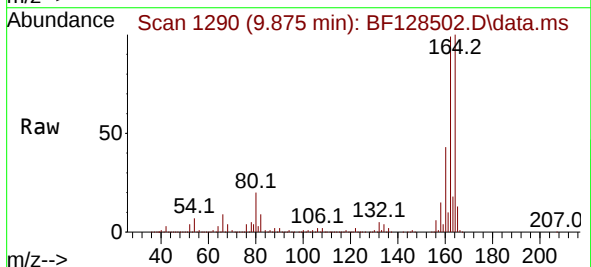
Instrument :
BNA_F
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Tgt Ion:163 Resp: 82987
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 565.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.930 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128502.D
Acq: 27 May 2022 11:10

Tgt Ion:165 Resp: 60573
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.1 43.6 65.4#

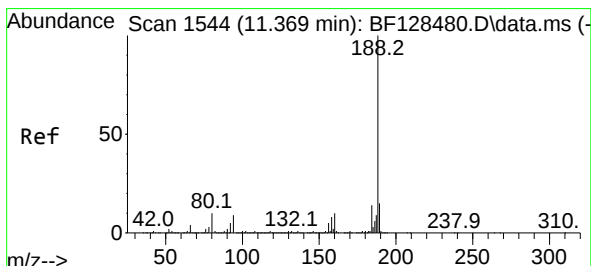
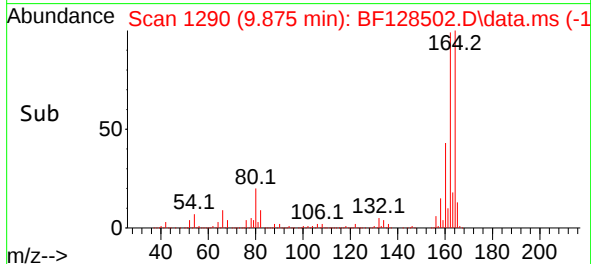
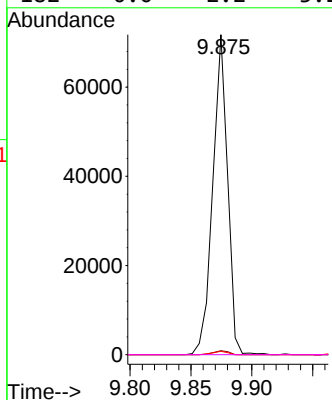
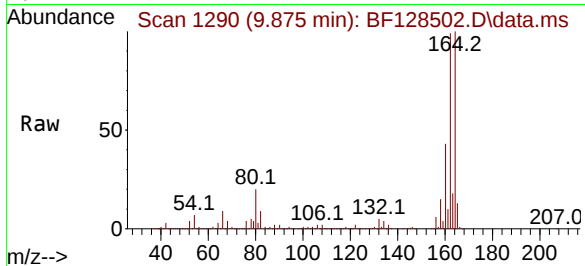




#57
2,4-Dinitrotoluene
Concen: 9.136 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128502.D
Acq: 27 May 2022 11:10

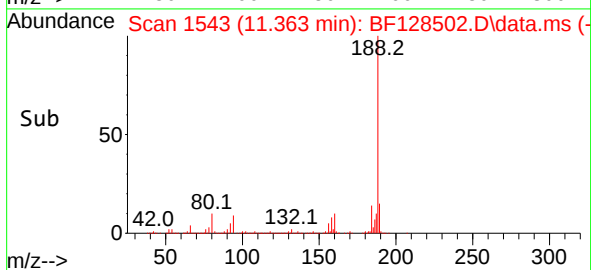
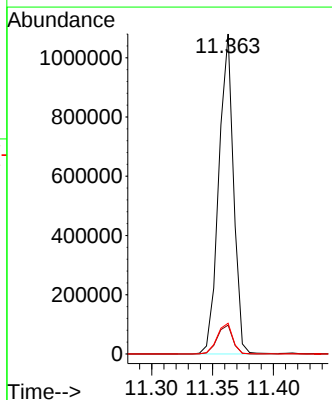
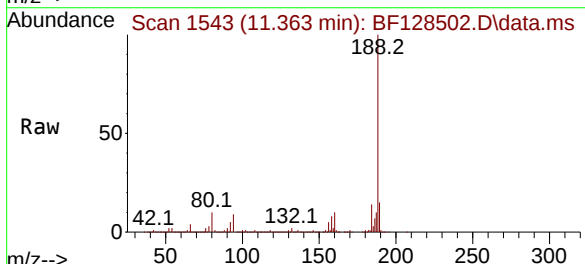
Instrument :
BNA_F
ClientSampleId :
P010-SS003-2430-01

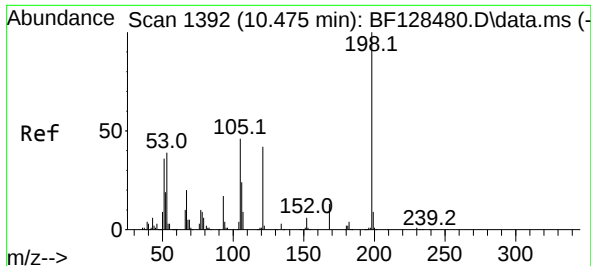
Tgt Ion:165	Resp:	60573
Ion Ratio	Lower	Upper
165	100	
63	1.3	39.8 59.6#
89	1.1	60.2 90.2#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128502.D
Acq: 27 May 2022 11:10

Tgt Ion:188	Resp:	912756
Ion Ratio	Lower	Upper
188	100	
94	9.0	7.0 10.6
80	9.6	7.6 11.4

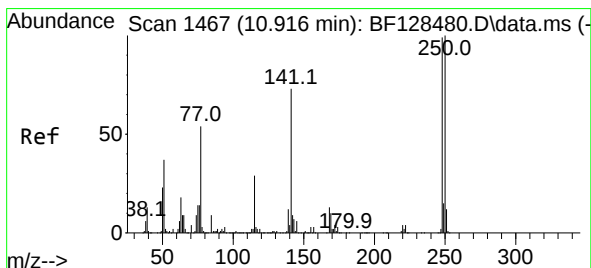
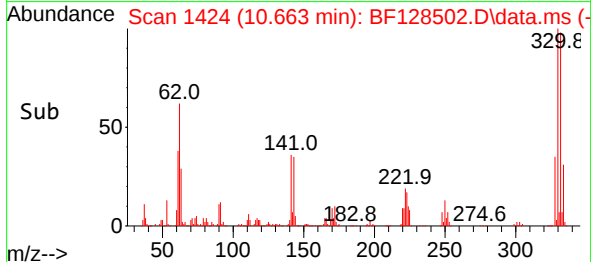
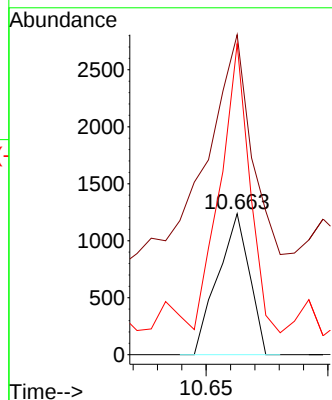
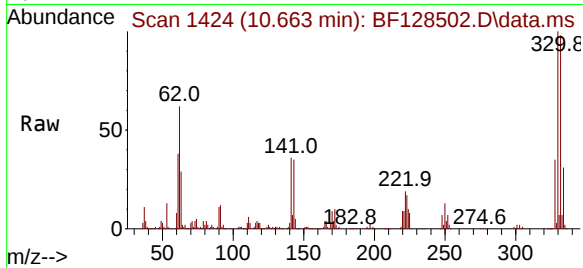




#65
4,6-Dinitro-2-methylphenol
Concen: 5.736 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128502.D
Acq: 27 May 2022 11:10

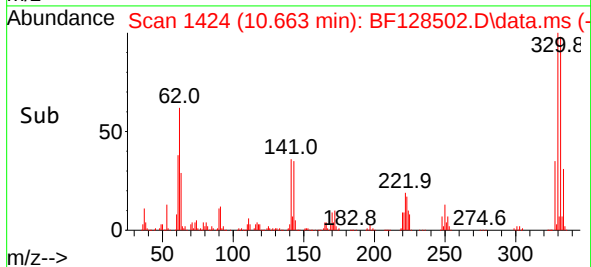
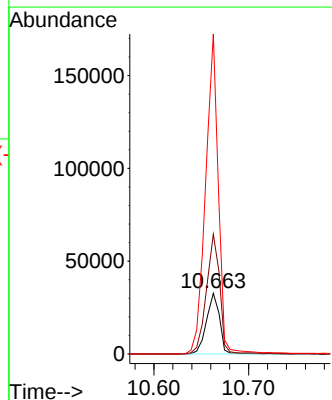
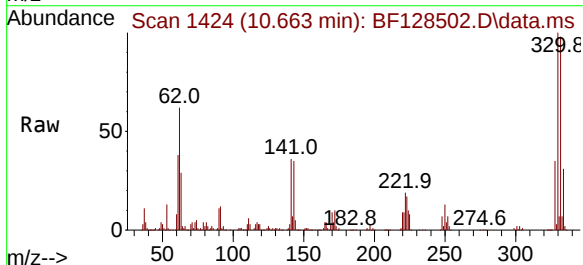
Instrument :
BNA_F
ClientSampleId :
P010-SS003-2430-01

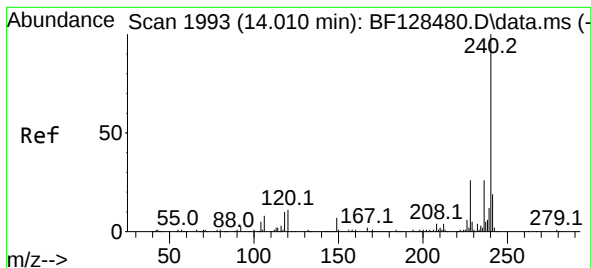
Tgt Ion:198 Resp: 1114
Ion Ratio Lower Upper
198 100
51 227.0 37.6 77.6#
105 220.7 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 3.340 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128502.D
Acq: 27 May 2022 11:10

Tgt Ion:248 Resp: 31501
Ion Ratio Lower Upper
248 100
250 197.2 80.6 120.8#
141 527.5 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 1814

Delta R.T. -0.006 min

Lab File: BF128502.D

Acq: 27 May 2022 11:10

Instrument :

BNA_F

ClientSampleId :

P010-SS003-2430-01

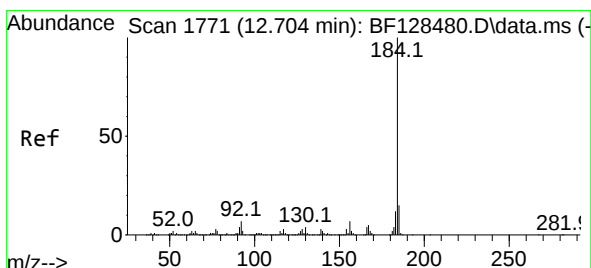
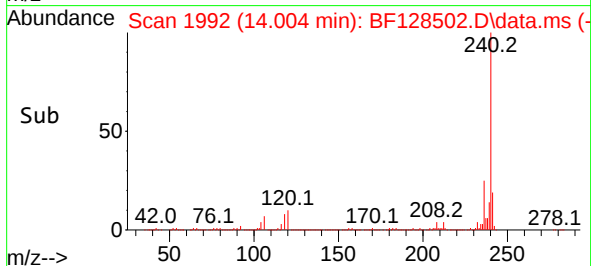
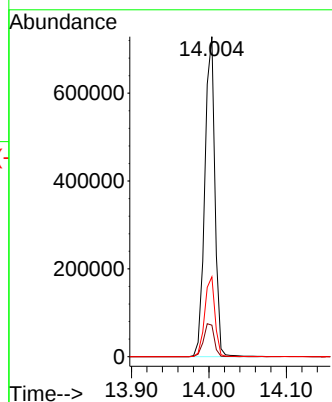
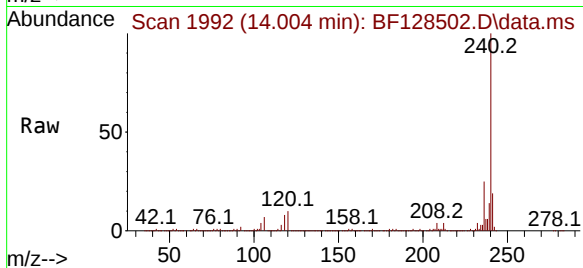
Tgt Ion:240 Resp: 659740

Ion Ratio Lower Upper

240 100

120 9.9 8.9 13.3

236 25.0 20.8 31.2



#77

Benidine

Concen: 2.010 ng

RT: 12.957 min Scan# 1814

Delta R.T. 0.253 min

Lab File: BF128502.D

Acq: 27 May 2022 11:10

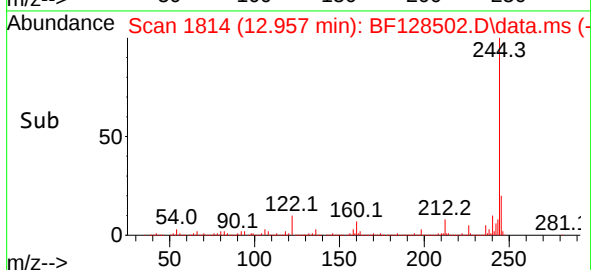
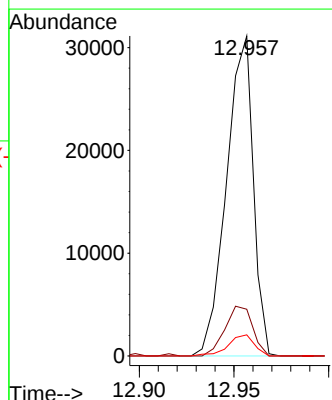
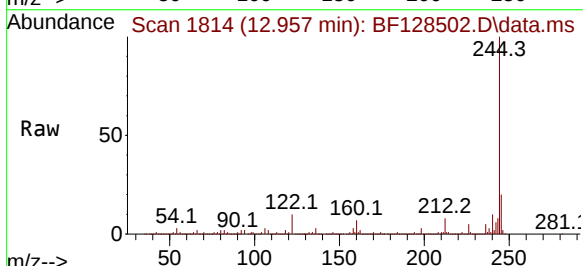
Tgt Ion:184 Resp: 30583

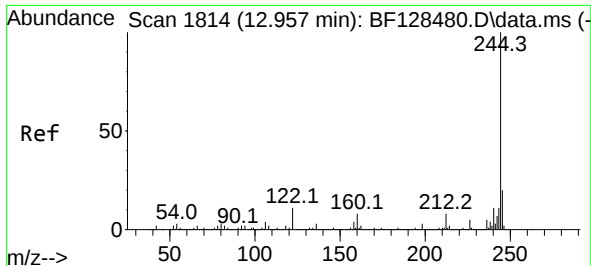
Ion Ratio Lower Upper

184 100

185 14.6 11.9 17.9

183 6.6 9.3 13.9#

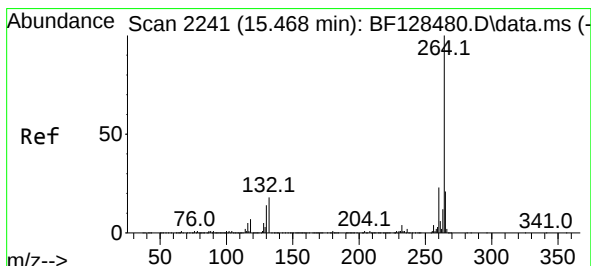
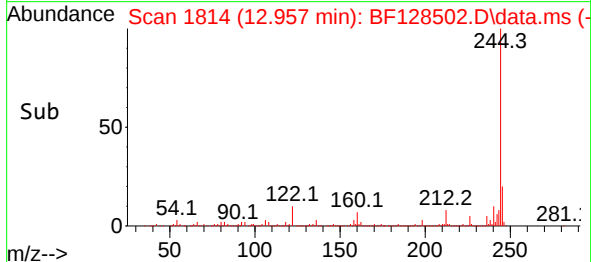
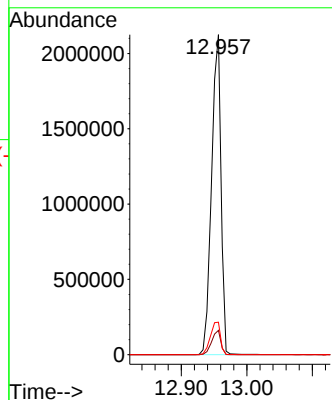
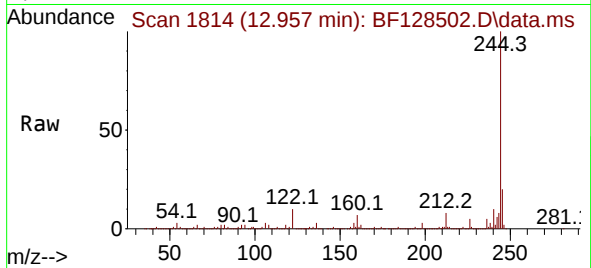




#79
 Terphenyl-d14
 Concen: 62.378 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BF128502.D
 Acq: 27 May 2022 11:10

Instrument :
 BNA_F
 ClientSampleId :
 P010-SS003-2430-01

Tgt Ion:244 Resp: 2130133
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 10.1 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2240
 Delta R.T. -0.006 min
 Lab File: BF128502.D
 Acq: 27 May 2022 11:10

Tgt Ion:264 Resp: 439691
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 22.0 17.2 25.8

