

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128509.D
 Acq On : 27 May 2022 14:41
 Operator : CG\JU
 Sample : N2922-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P024-SS001-1824-01

Quant Time: May 27 23:18:22 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)

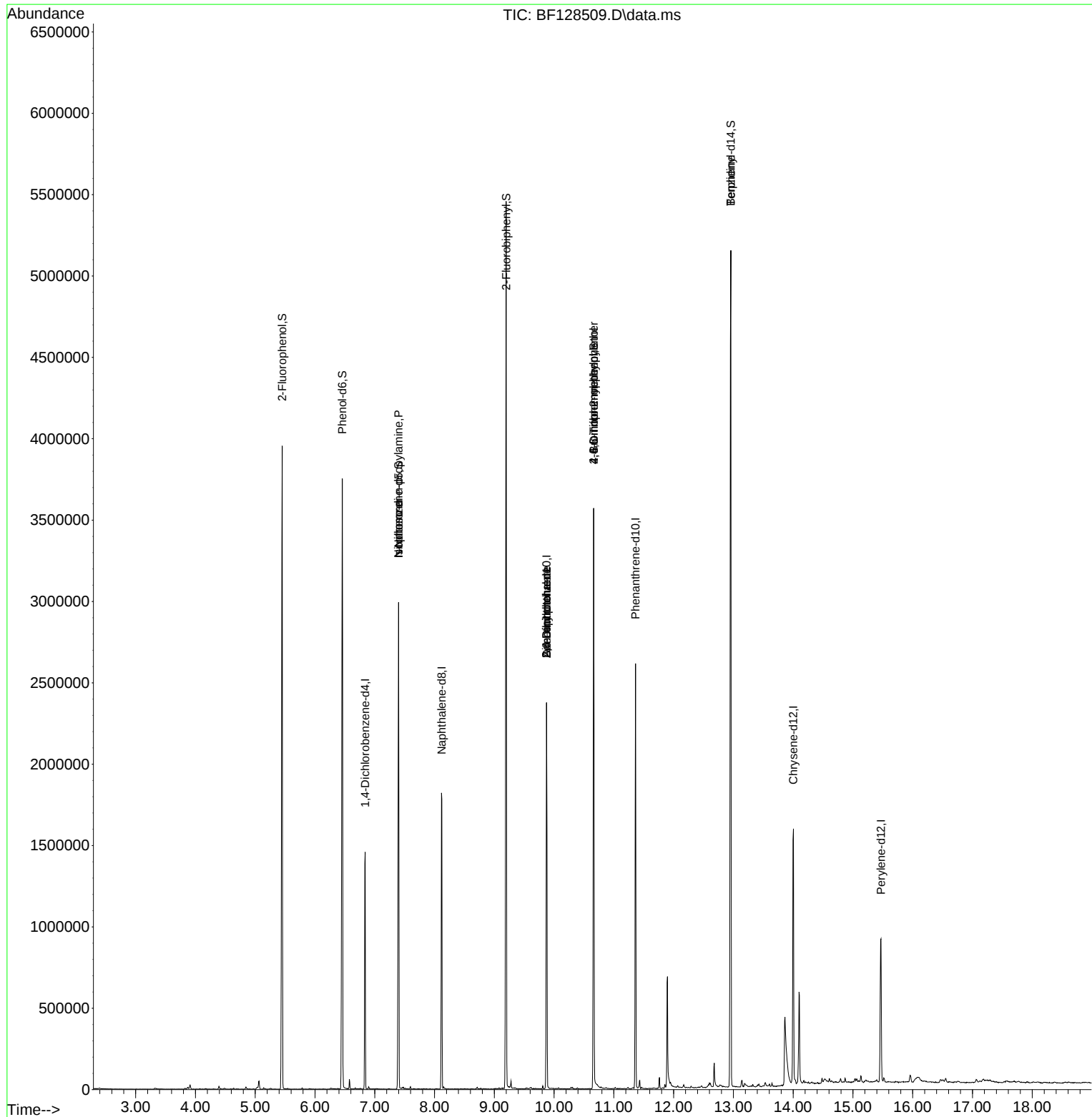
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	210396	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	820650	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	475885	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	908540	20.000	ng	0.00
76) Chrysene-d12	14.004	240	560661	20.000	ng	0.00
86) Perylene-d12	15.468	264	419604	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1077805	84.853	ng	0.00
7) Phenol-d6	6.457	99	1390795	85.876	ng	-0.01
23) Nitrobenzene-d5	7.398	82	916018	64.392	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	418061	92.295	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1704059	58.176	ng	0.00
79) Terphenyl-d14	12.957	244	1890324	65.138	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.381	77	220	Below Cal	#	46
19) n-Nitroso-di-n-propyla...	7.398	70	124854	12.573	ng	# 77
25) Isophorone	7.398	82	911522	34.734	ng	# 65
50) Dimethylphthalate	9.874	163	81524	2.641	ng	# 1
51) 2,6-Dinitrotoluene	9.874	165	62210	10.996	ng	# 25
57) 2,4-Dinitrotoluene	9.874	165	62212	9.192	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	1137	5.742	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	27880	2.970	ng	# 1
77) Benzidine	12.957	184	26197	2.026	ng	# 90

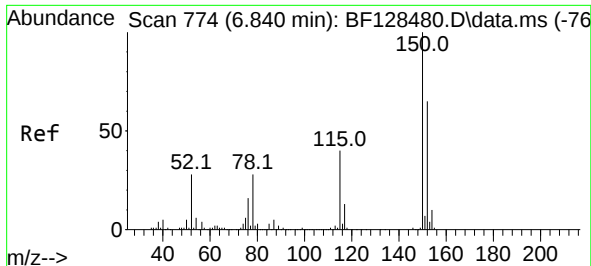
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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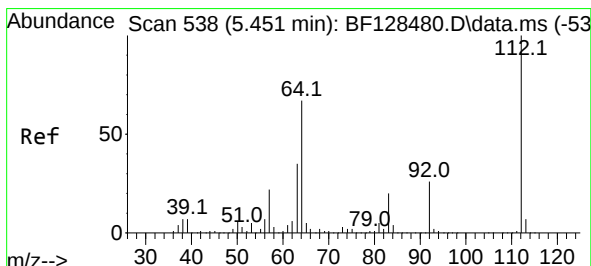
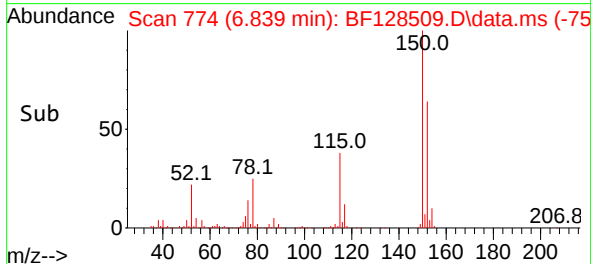
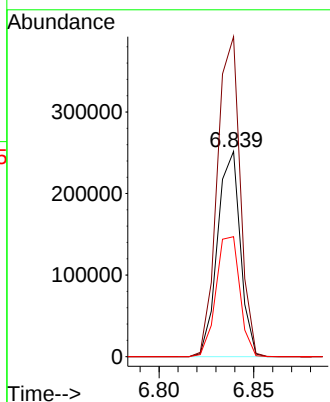
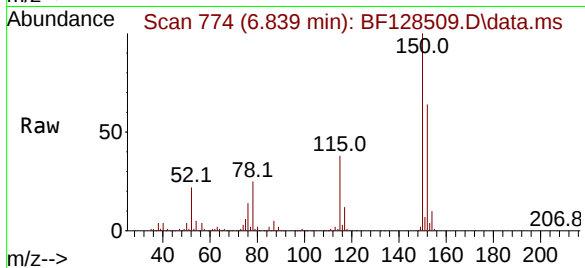




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128509.D
Acq: 27 May 2022 14:41

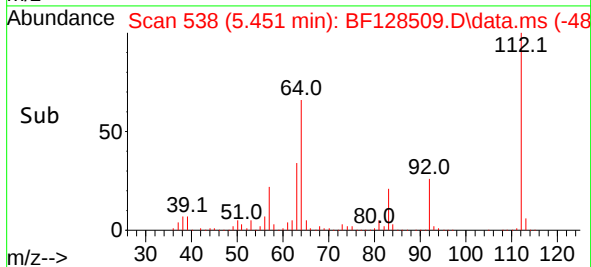
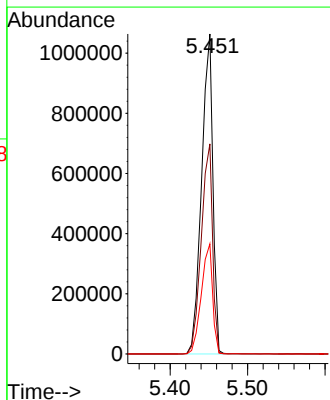
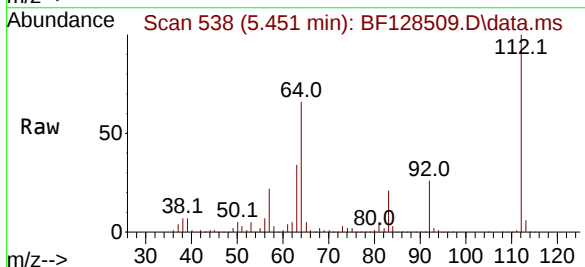
Instrument :
BNA_F
ClientSampleId :
P024-SS001-1824-01

Tgt Ion:152 Resp: 210396
Ion Ratio Lower Upper
152 100
150 155.9 123.7 185.5
115 58.5 49.9 74.9



#5
2-Fluorophenol
Concen: 84.853 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.000 min
Lab File: BF128509.D
Acq: 27 May 2022 14:41

Tgt Ion:112 Resp: 1077805
Ion Ratio Lower Upper
112 100
64 65.6 53.3 79.9
63 34.4 28.0 42.0

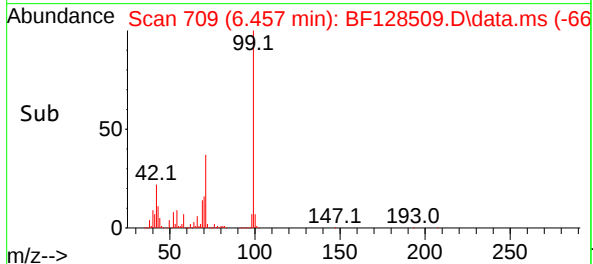
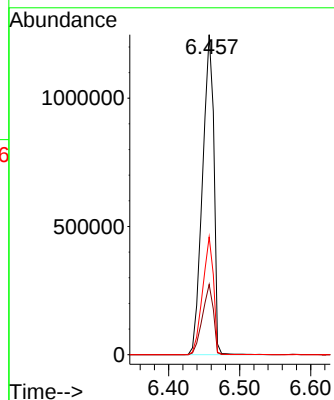
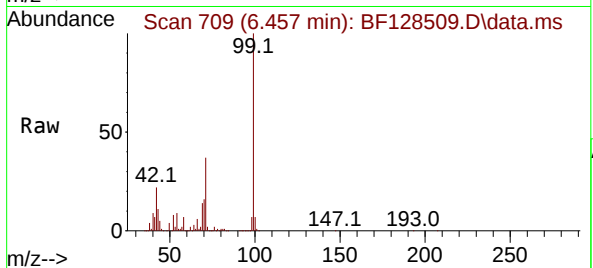




#7
Phenol-d6
Concen: 85.876 ng
RT: 6.457 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF128509.D
Acq: 27 May 2022 14:41

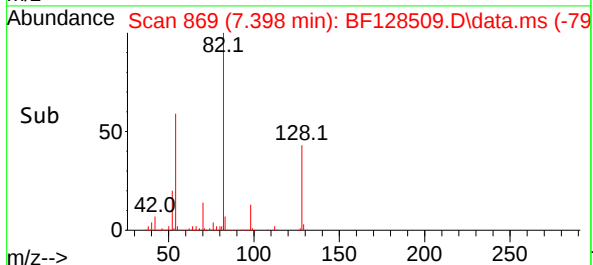
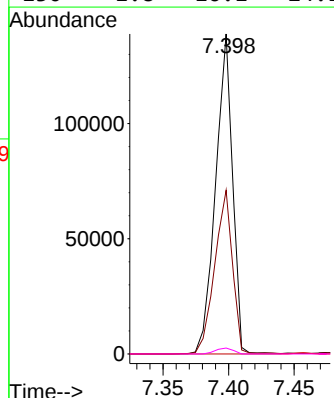
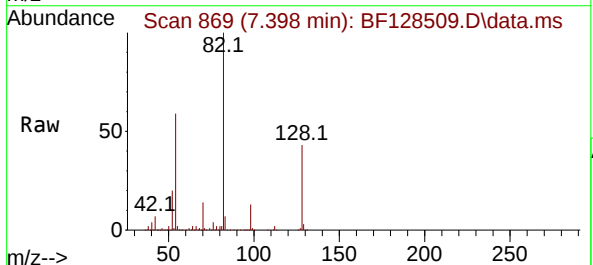
Instrument :
BNA_F
ClientSampleId :
P024-SS001-1824-01

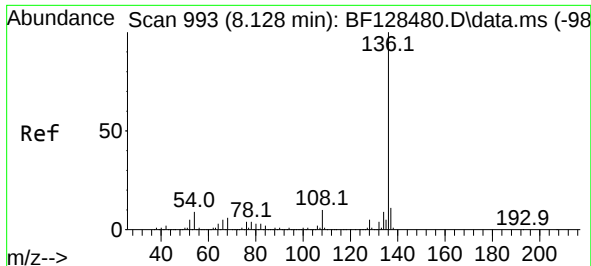
Tgt Ion: 99 Resp: 1390795
Ion Ratio Lower Upper
99 100
42 21.9 17.3 25.9
71 36.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.573 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128509.D
Acq: 27 May 2022 14:41

Tgt Ion: 70 Resp: 124854
Ion Ratio Lower Upper
70 100
42 51.1 52.3 78.5#
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#



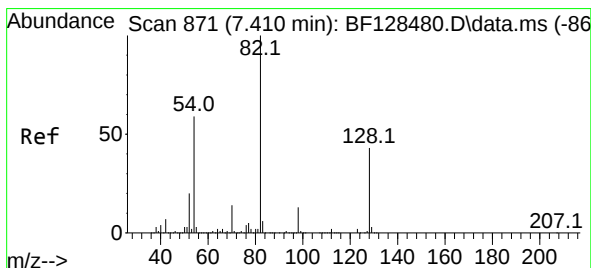
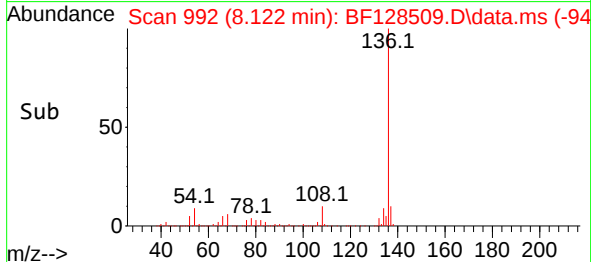
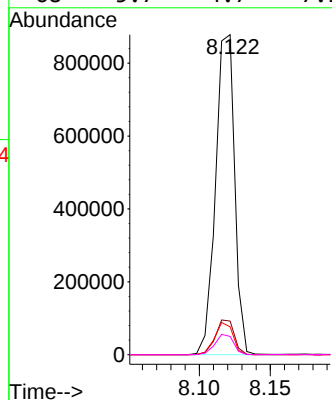
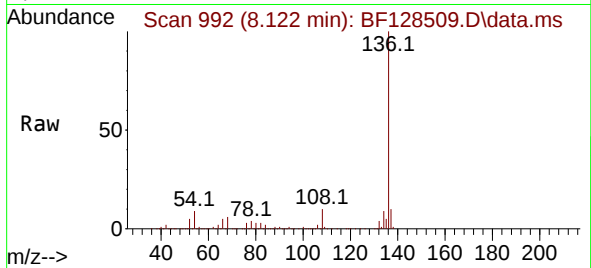


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128509.D
Acq: 27 May 2022 14:41

Instrument :
BNA_F
ClientSampleId :
P024-SS001-1824-01

Tgt Ion:136 Resp: 820650

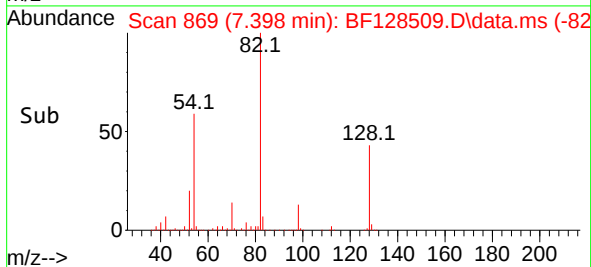
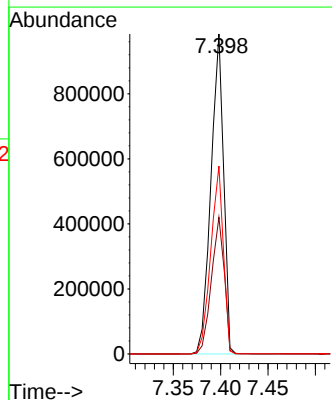
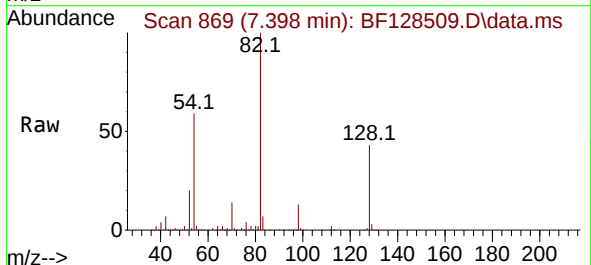
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	8.7	7.5	11.3
68	5.7	4.7	7.1

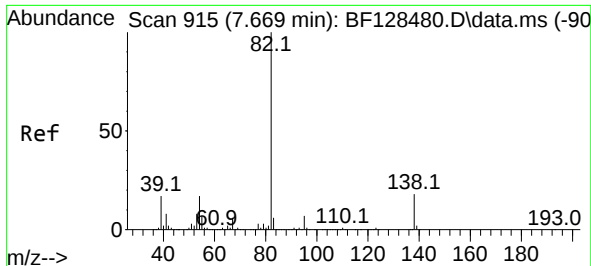


#23
Nitrobenzene-d5
Concen: 64.392 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128509.D
Acq: 27 May 2022 14:41

Tgt Ion: 82 Resp: 916018

Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.0	51.0
54	58.7	46.9	70.3

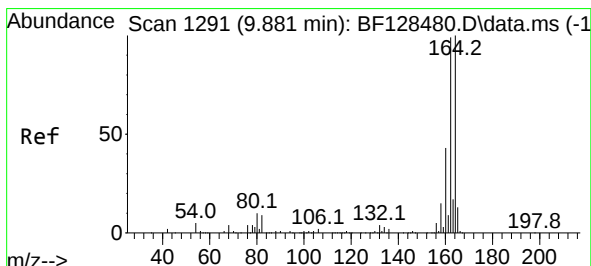
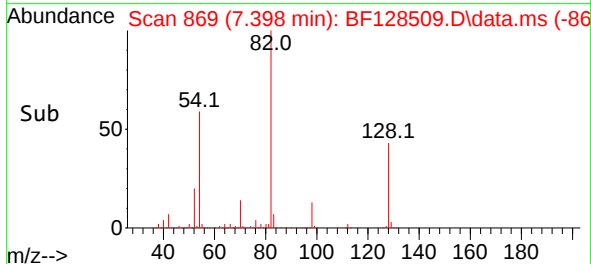
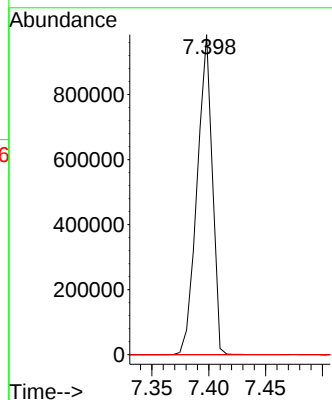
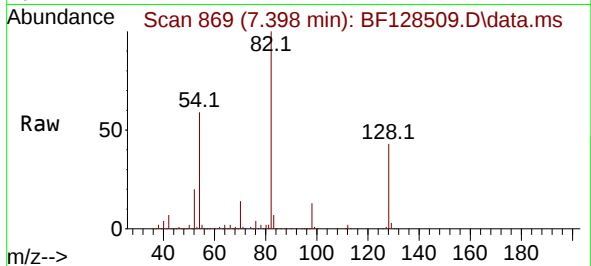




#25
Isophorone
Concen: 34.734 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128509.D
Acq: 27 May 2022 14:41

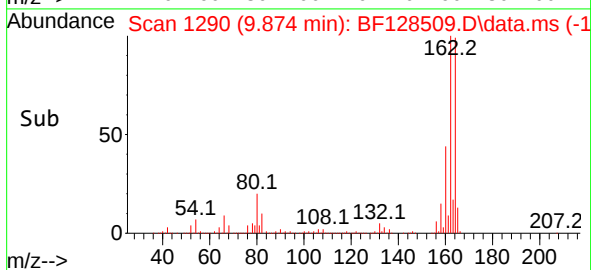
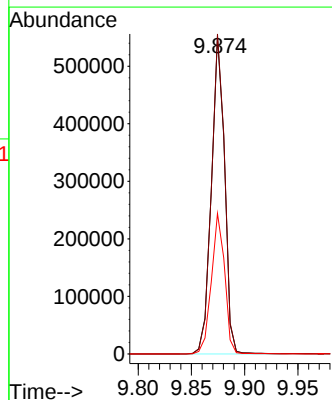
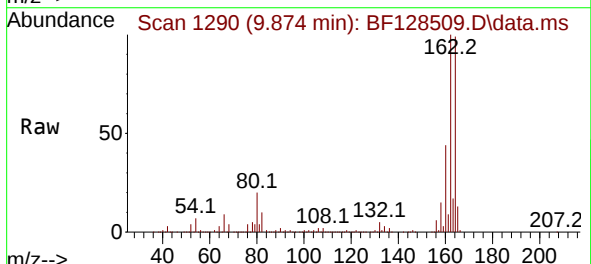
Instrument :
BNA_F
ClientSampleId :
P024-SS001-1824-01

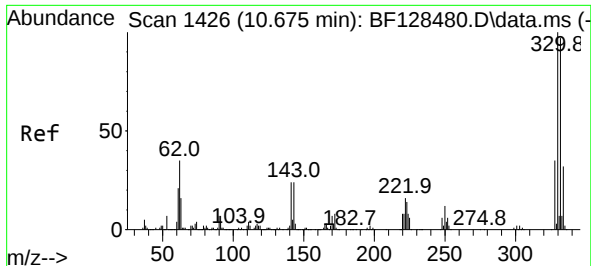
Tgt Ion: 82 Resp: 911522
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1290
Delta R.T. -0.007 min
Lab File: BF128509.D
Acq: 27 May 2022 14:41

Tgt Ion:164 Resp: 475885
Ion Ratio Lower Upper
164 100
162 100.7 79.5 119.3
160 44.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 92.295 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128509.D

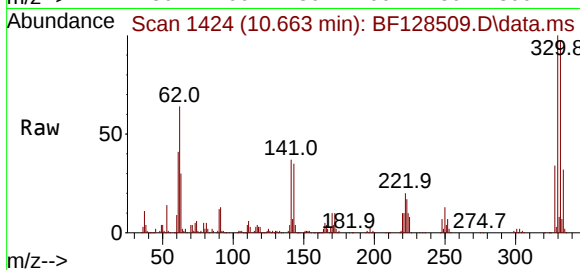
Acq: 27 May 2022 14:41

Instrument :

BNA_F

ClientSampleId :

P024-SS001-1824-01



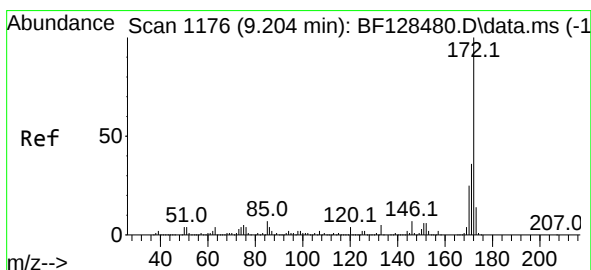
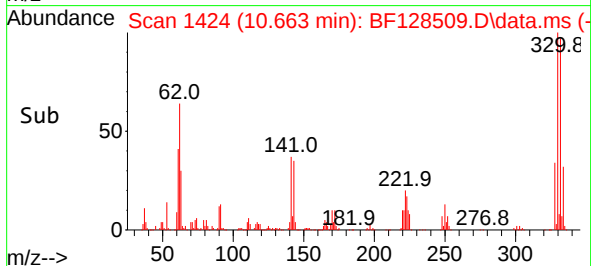
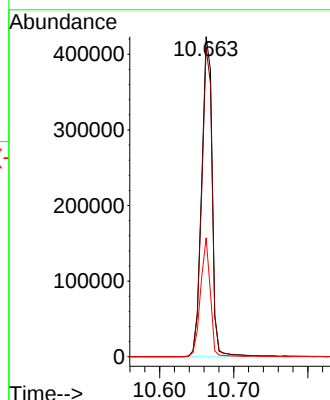
Tgt Ion:330 Resp: 418061

Ion Ratio Lower Upper

330 100

332 96.2 76.8 115.2

141 34.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 58.176 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128509.D

Acq: 27 May 2022 14:41

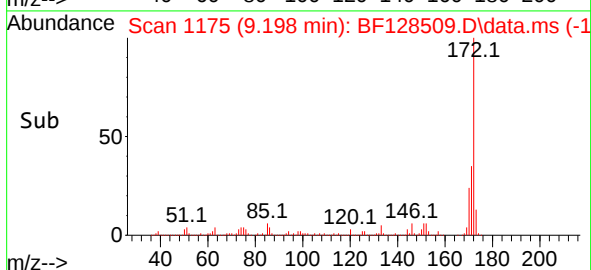
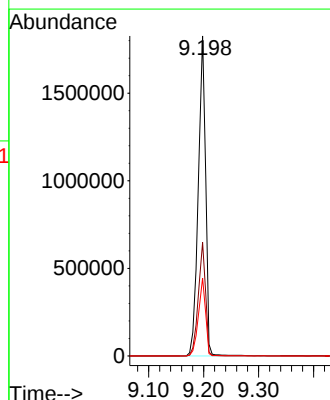
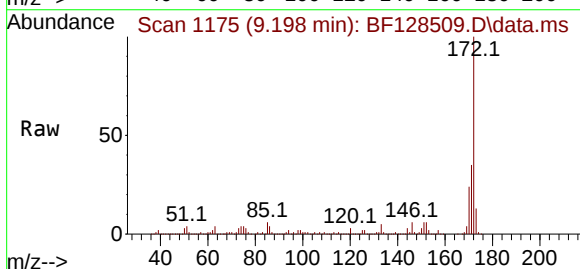
Tgt Ion:172 Resp: 1704059

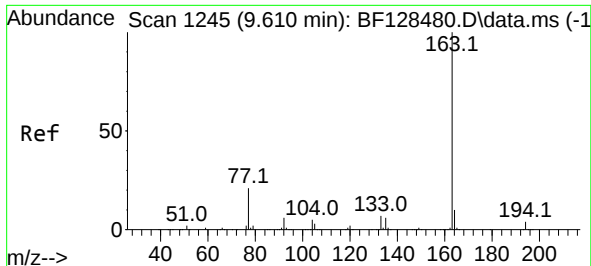
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 24.4 19.8 29.8

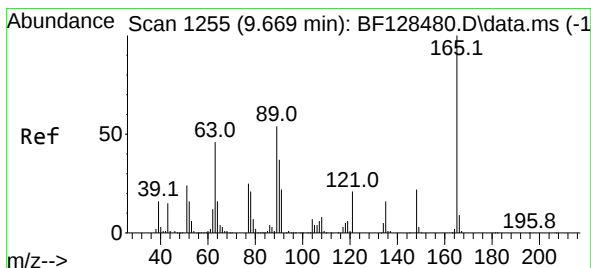
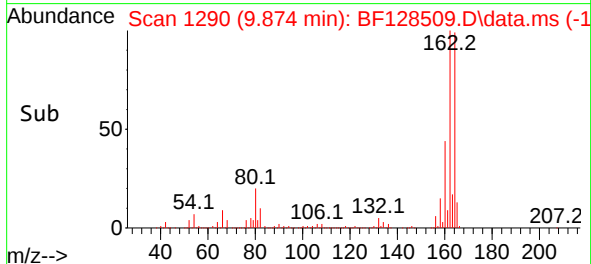
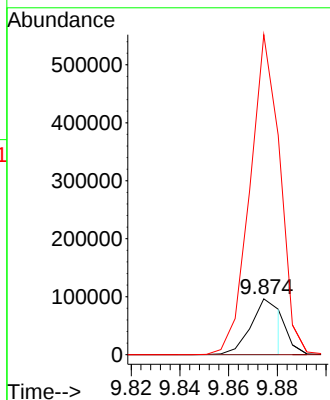
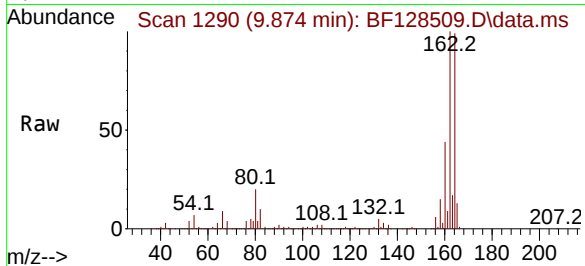




#50
Dimethylphthalate
Concen: 2.641 ng
RT: 9.874 min Scan# 1290
Delta R.T. 0.264 min
Lab File: BF128509.D
Acq: 27 May 2022 14:41

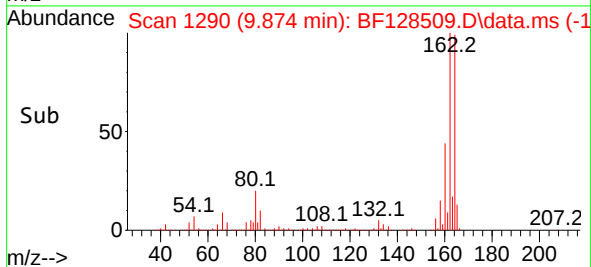
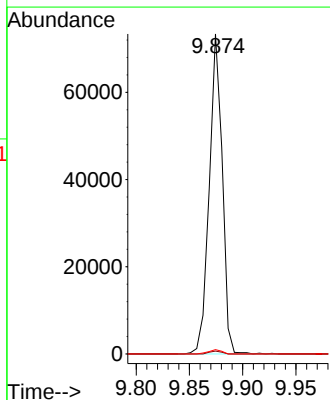
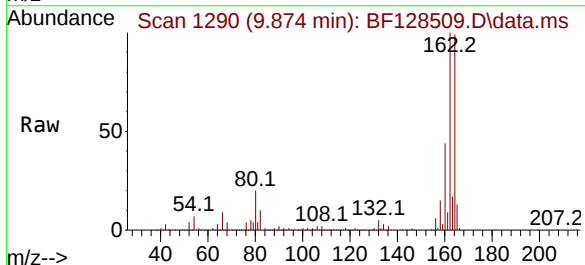
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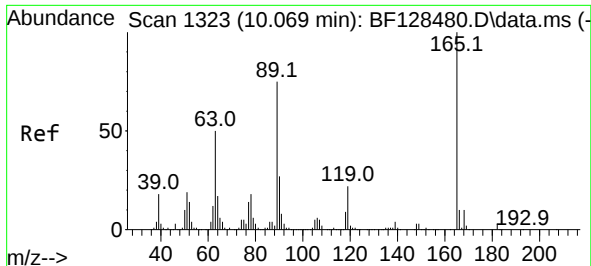
Tgt Ion:163 Resp: 81524
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 572.6 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.996 ng
RT: 9.874 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128509.D
Acq: 27 May 2022 14:41

Tgt Ion:165 Resp: 62210
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.4 43.6 65.4#

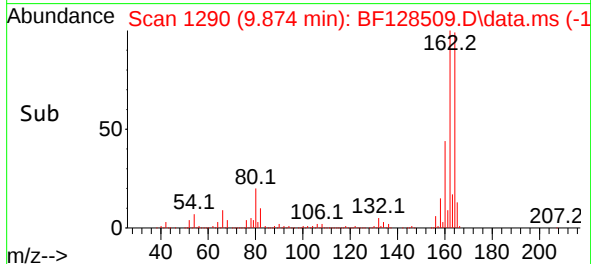
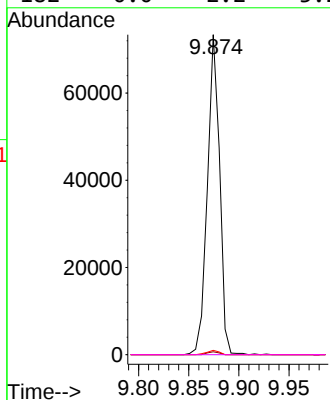
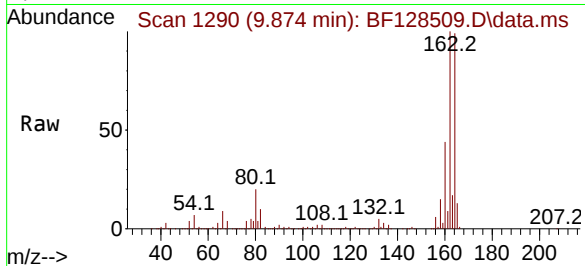




#57
2,4-Dinitrotoluene
Concen: 9.192 ng
RT: 9.874 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128509.D
Acq: 27 May 2022 14:41

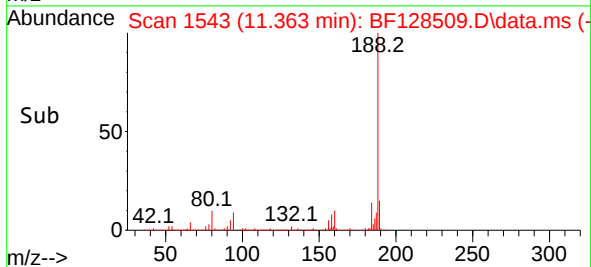
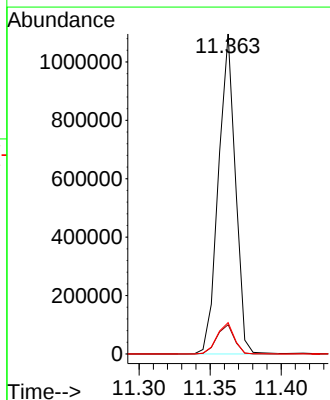
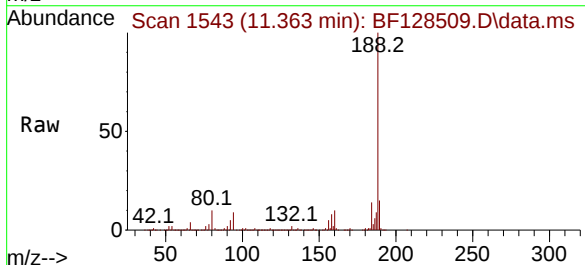
Instrument :
BNA_F
ClientSampleId :
P024-SS001-1824-01

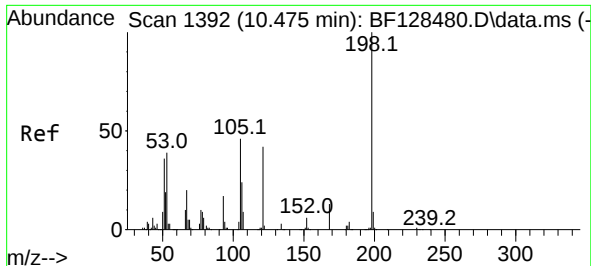
Tgt Ion:165 Resp: 62212
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128509.D
Acq: 27 May 2022 14:41

Tgt Ion:188 Resp: 908540
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.6
80 9.8 7.6 11.4

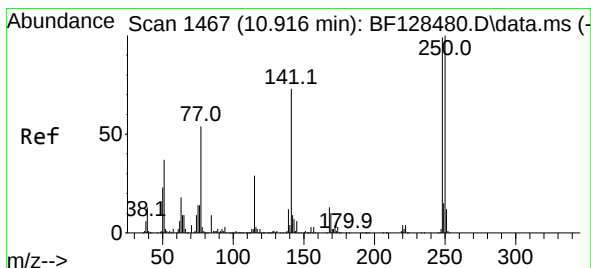
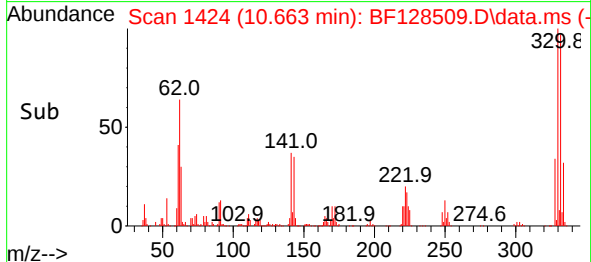
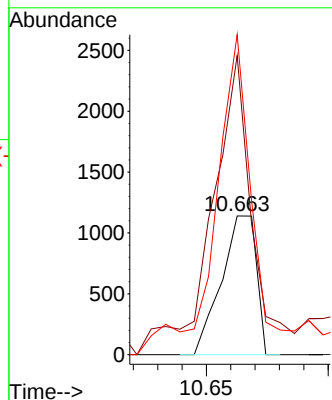
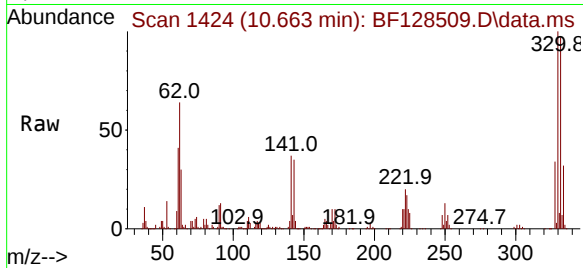




#65
4,6-Dinitro-2-methylphenol
Concen: 5.742 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128509.D
Acq: 27 May 2022 14:41

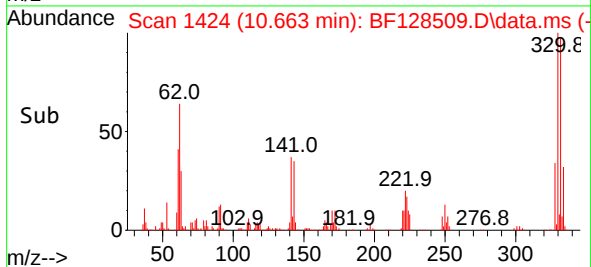
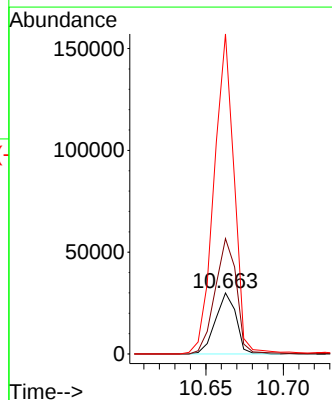
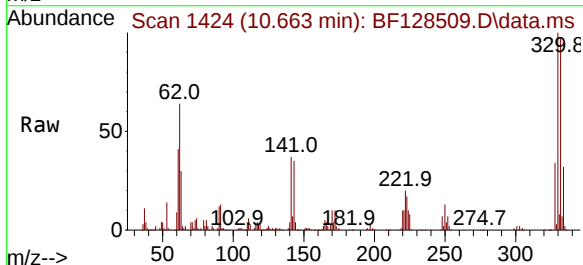
Instrument :
BNA_F
ClientSampleId :
P024-SS001-1824-01

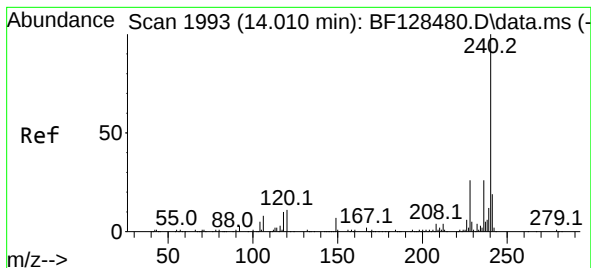
Tgt Ion:198 Resp: 1137
Ion Ratio Lower Upper
198 100
51 215.7 37.6 77.6#
105 230.8 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 2.970 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128509.D
Acq: 27 May 2022 14:41

Tgt Ion:248 Resp: 27880
Ion Ratio Lower Upper
248 100
250 189.1 80.6 120.8#
141 524.5 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: BF128509.D

Acq: 27 May 2022 14:41

Instrument :

BNA_F

ClientSampleId :

P024-SS001-1824-01

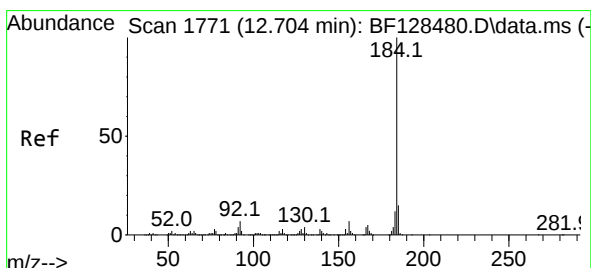
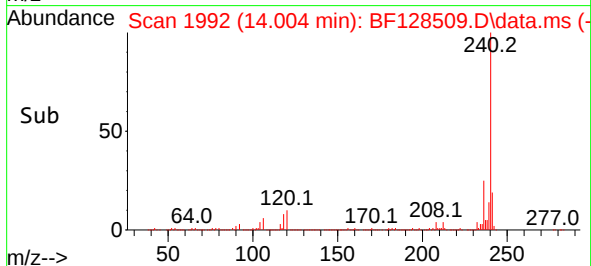
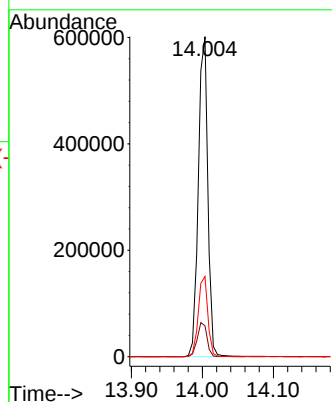
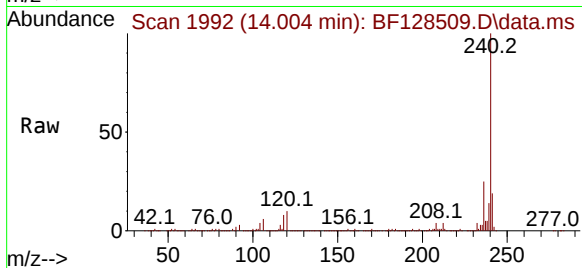
Tgt Ion:240 Resp: 560661

Ion Ratio Lower Upper

240 100

120 9.7 8.9 13.3

236 25.1 20.8 31.2



#77

Benidine

Concen: 2.026 ng

RT: 12.957 min Scan# 1814

Delta R.T. 0.253 min

Lab File: BF128509.D

Acq: 27 May 2022 14:41

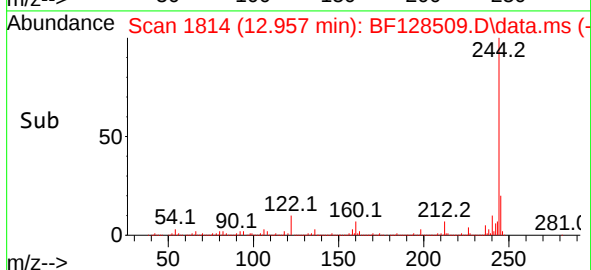
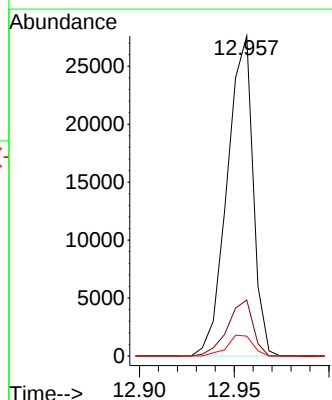
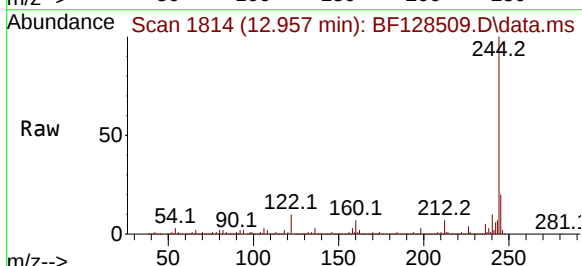
Tgt Ion:184 Resp: 26197

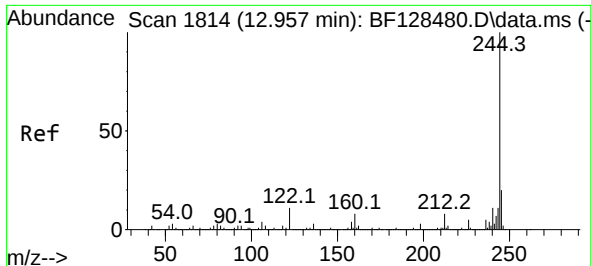
Ion Ratio Lower Upper

184 100

185 17.5 11.9 17.9

183 6.2 9.3 13.9#

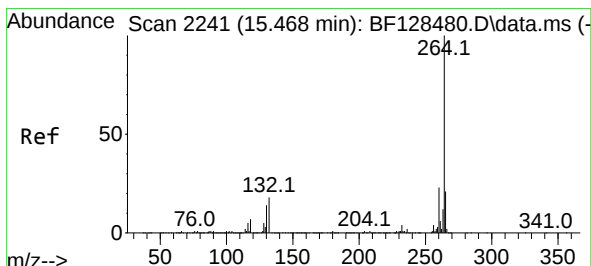
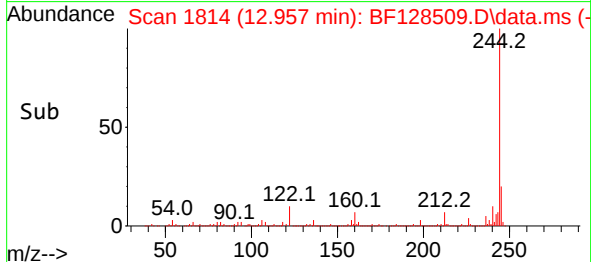
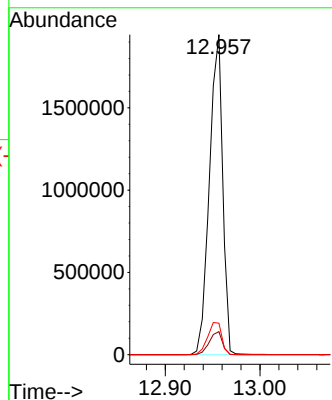
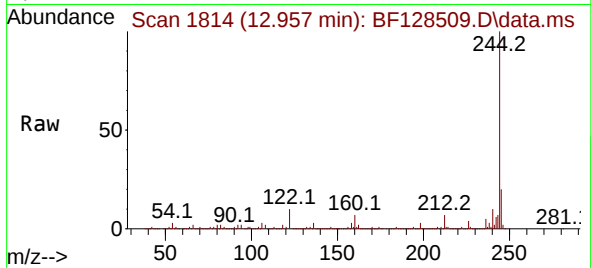




#79
 Terphenyl-d14
 Concen: 65.138 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BF128509.D
 Acq: 27 May 2022 14:41

Instrument :
 BNA_F
 ClientSampleId :
 P024-SS001-1824-01

Tgt Ion:244 Resp: 1890324
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 9.8 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: BF128509.D
 Acq: 27 May 2022 14:41

Tgt Ion:264 Resp: 419604
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.4 27.6
 265 20.9 17.2 25.8

