

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052822\
 Data File : BF128549.D
 Acq On : 28 May 2022 15:35
 Operator : CG\JU
 Sample : N2933-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P023-SS001-1218-01

Quant Time: May 28 22:42:46 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)

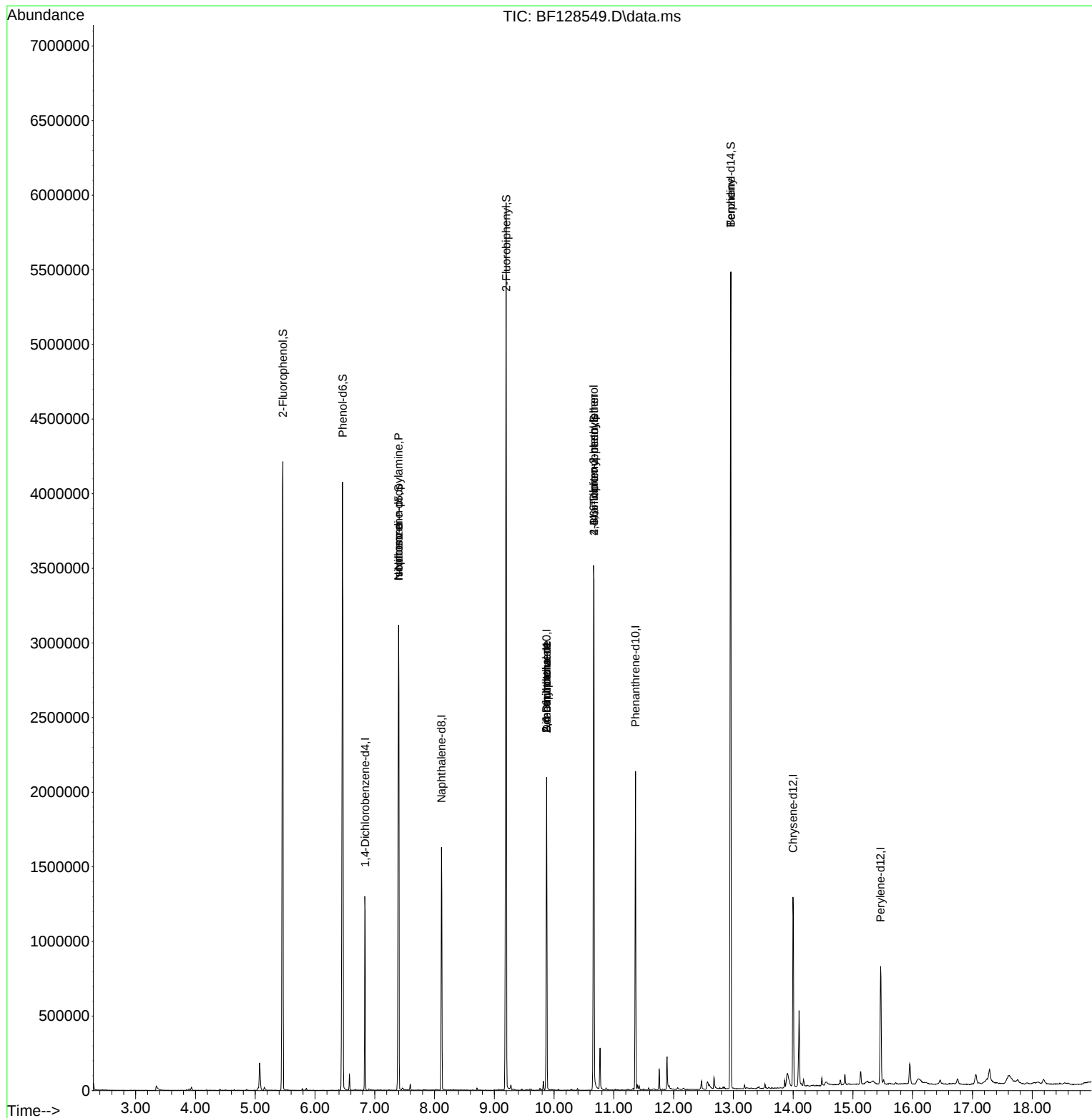
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	183611	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	724458	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	403560	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	739928	20.000	ng	0.00
76) Chrysene-d12	13.998	240	451300	20.000	ng	-0.01
86) Perylene-d12	15.463	264	364518	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1282981	115.741	ng	0.01
7) Phenol-d6	6.463	99	1667846	118.006	ng	0.00
23) Nitrobenzene-d5	7.398	82	1143784	91.079	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	485795	126.469	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2048291	82.460	ng	0.00
79) Terphenyl-d14	12.957	244	2059856	88.180	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.469	77	2995	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.398	70	158834	18.329	ng	# 77
25) Isophorone	7.398	82	1142361	49.311	ng	# 65
50) Dimethylphthalate	9.875	163	72620	2.774	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	52475	10.938	ng	# 26
57) 2,4-Dinitrotoluene	9.875	165	52475	9.142	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	1132	5.795	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	31503	4.121	ng	# 1
77) Benzidine	12.957	184	29552	2.839	ng	# 94

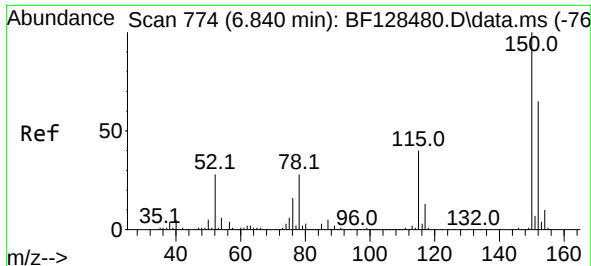
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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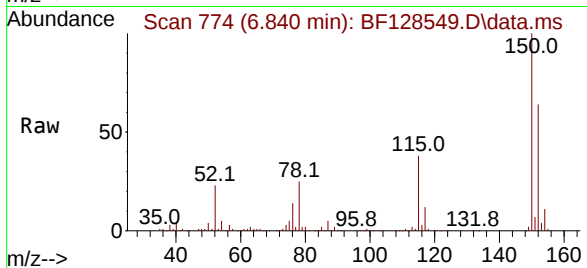
Quant Time: May 28 22:42:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
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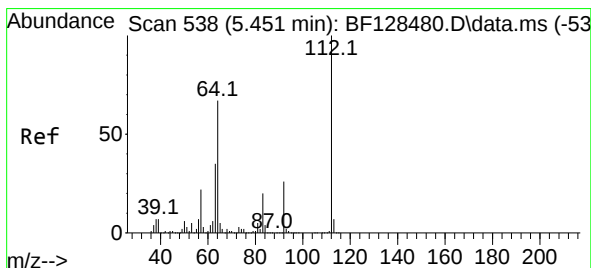
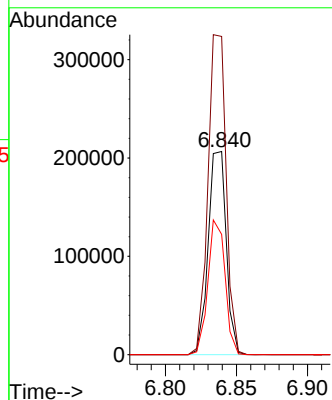
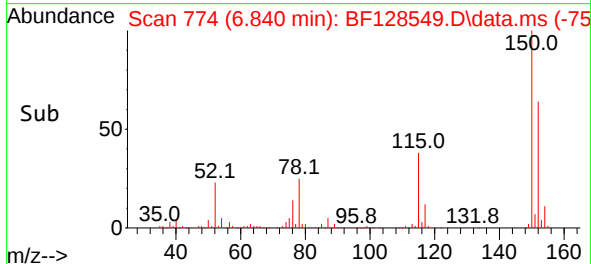


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128549.D
Acq: 28 May 2022 15:35

Instrument :
BNA_F
ClientSampleId :
P023-SS001-1218-01

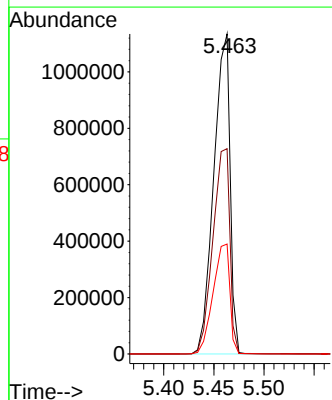
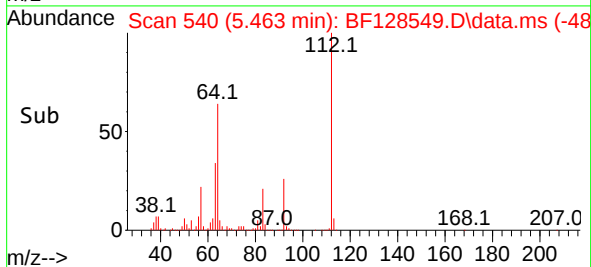
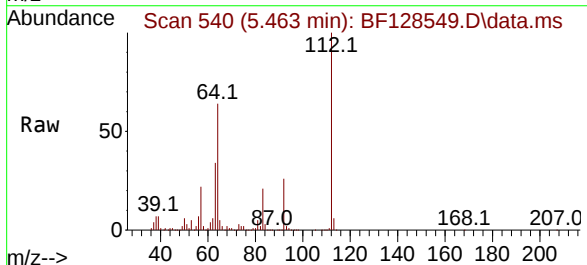


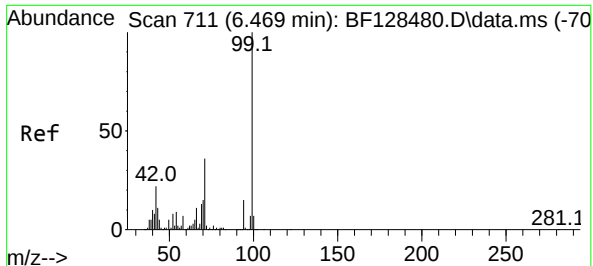
Tgt Ion:152 Resp: 183611
Ion Ratio Lower Upper
152 100
150 156.6 123.7 185.5
115 59.2 49.9 74.9



#5
2-Fluorophenol
Concen: 115.741 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.012 min
Lab File: BF128549.D
Acq: 28 May 2022 15:35

Tgt Ion:112 Resp: 1282981
Ion Ratio Lower Upper
112 100
64 64.2 53.3 79.9
63 34.4 28.0 42.0

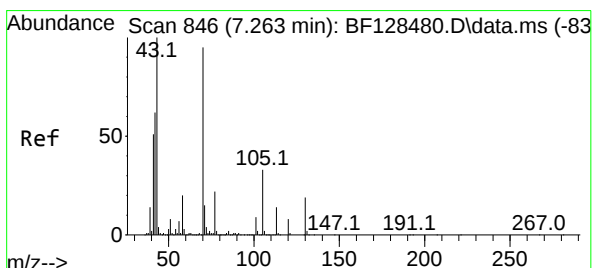
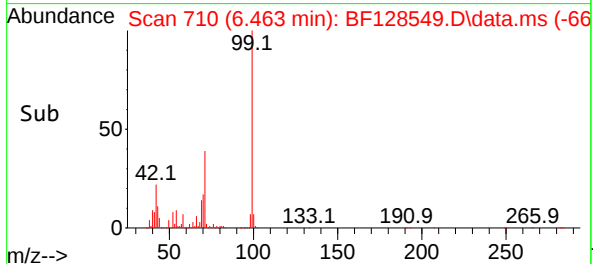
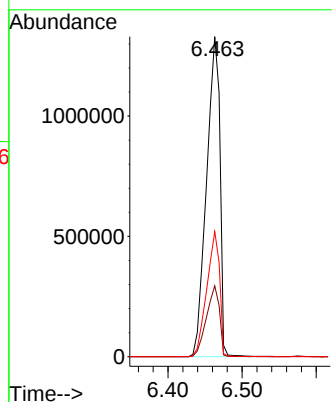
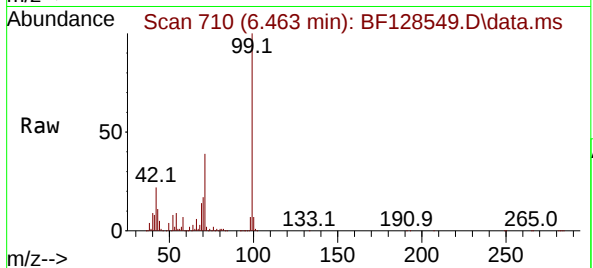




#7
Phenol-d6
Concen: 118.006 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128549.D
Acq: 28 May 2022 15:35

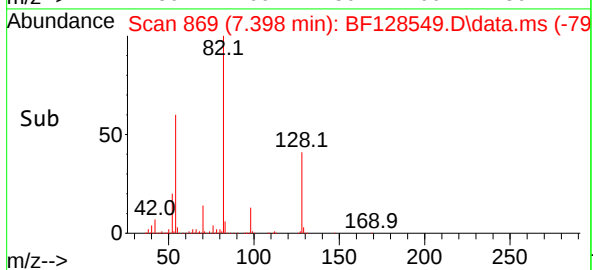
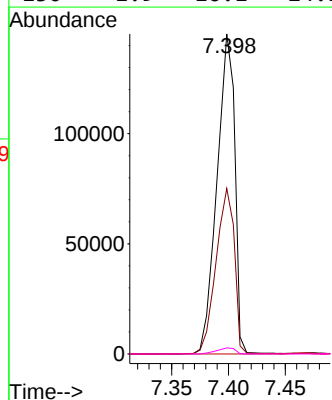
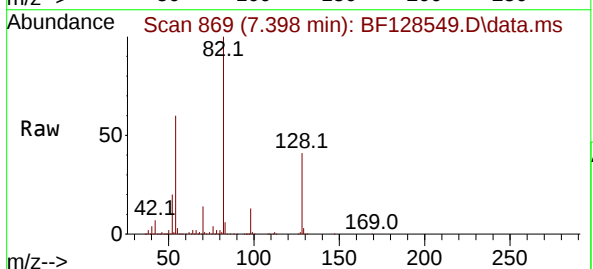
Instrument :
BNA_F
ClientSampleId :
P023-SS001-1218-01

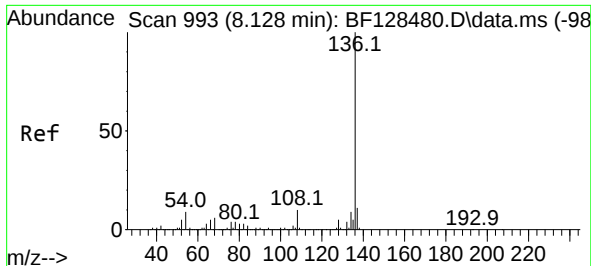
Tgt Ion: 99 Resp: 1667846
Ion Ratio Lower Upper
99 100
42 22.2 17.3 25.9
71 39.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.329 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128549.D
Acq: 28 May 2022 15:35

Tgt Ion: 70 Resp: 158834
Ion Ratio Lower Upper
70 100
42 51.7 52.3 78.5#
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#

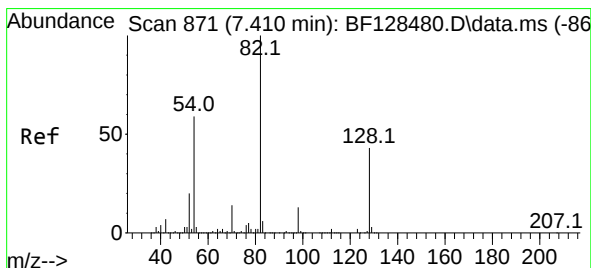
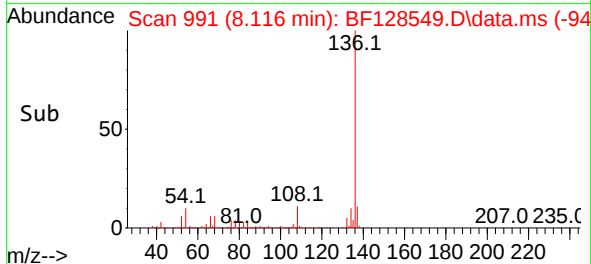
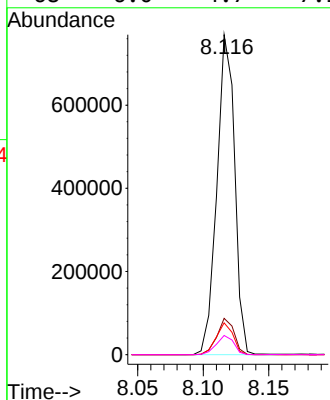
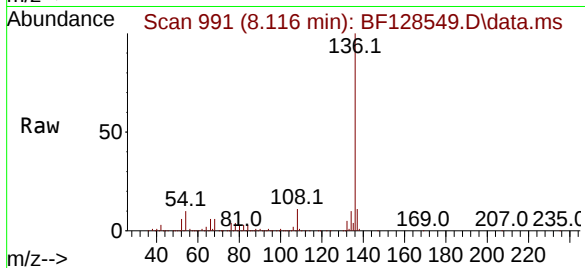




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128549.D
Acq: 28 May 2022 15:35

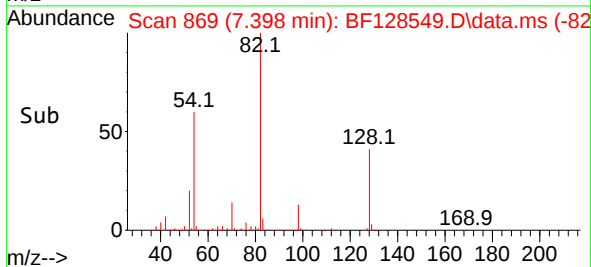
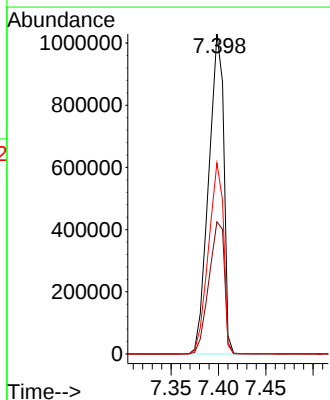
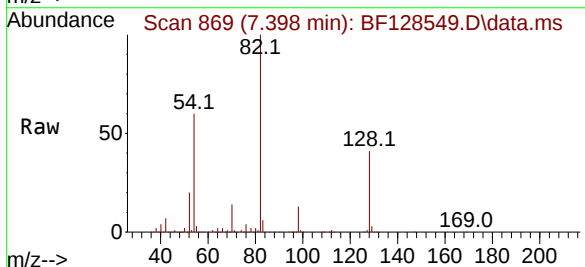
Instrument :
BNA_F
ClientSampleId :
P023-SS001-1218-01

Tgt Ion:136 Resp: 724458
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 10.0 7.5 11.3
68 6.0 4.7 7.1



#23
Nitrobenzene-d5
Concen: 91.079 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128549.D
Acq: 28 May 2022 15:35

Tgt Ion: 82 Resp: 1143784
Ion Ratio Lower Upper
82 100
128 41.3 34.0 51.0
54 59.7 46.9 70.3

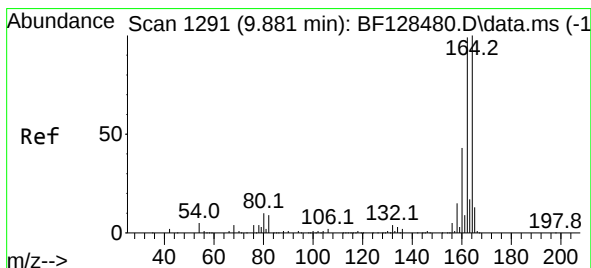
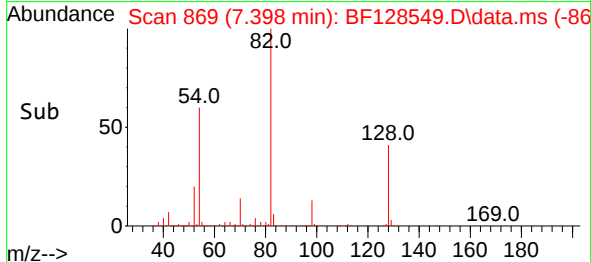
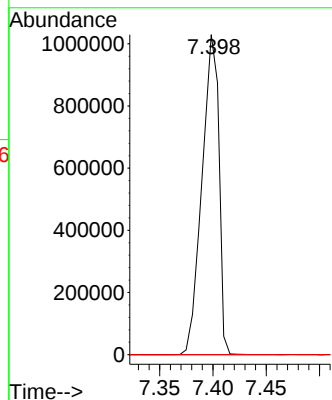
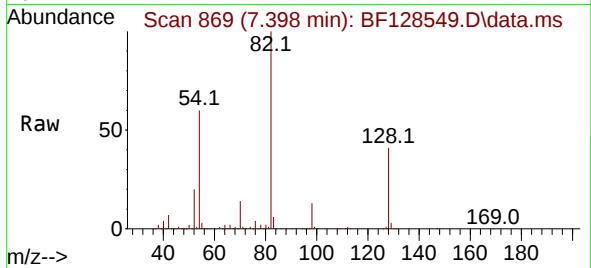




#25
Isophorone
Concen: 49.311 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128549.D
Acq: 28 May 2022 15:35

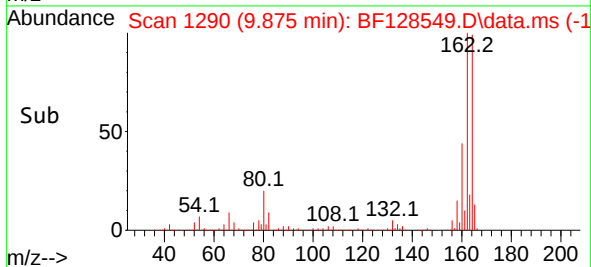
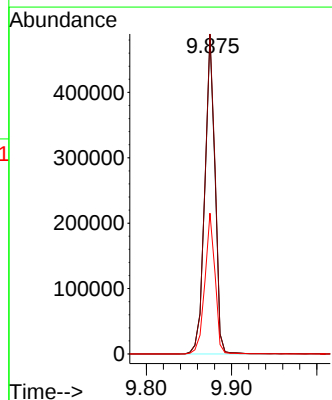
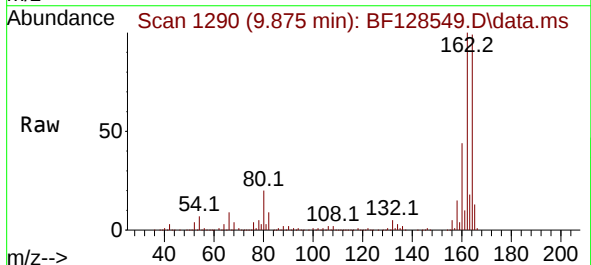
Instrument :
BNA_F
ClientSampleId :
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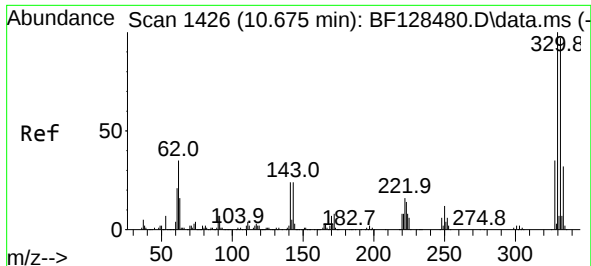
Tgt Ion: 82 Resp: 1142361
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128549.D
Acq: 28 May 2022 15:35

Tgt Ion:164 Resp: 403560
Ion Ratio Lower Upper
164 100
162 100.5 79.5 119.3
160 44.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 126.469 ng

RT: 10.669 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF128549.D

Acq: 28 May 2022 15:35

Instrument :

BNA_F

ClientSampleId :

P023-SS001-1218-01

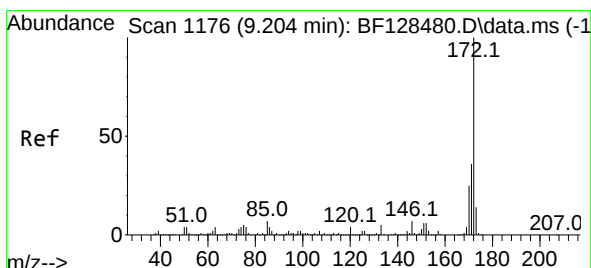
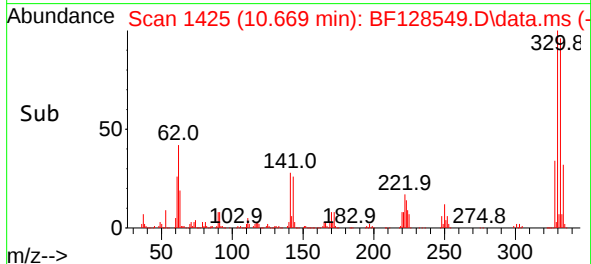
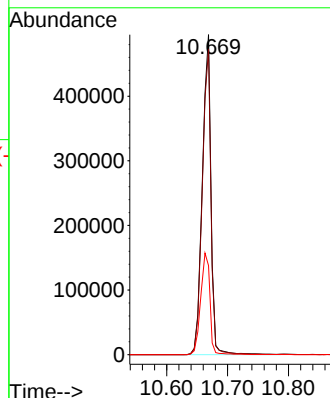
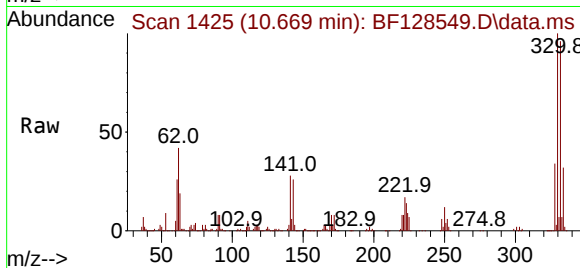
Tgt Ion:330 Resp: 485795

Ion Ratio Lower Upper

330 100

332 96.1 76.8 115.2

141 34.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 82.460 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128549.D

Acq: 28 May 2022 15:35

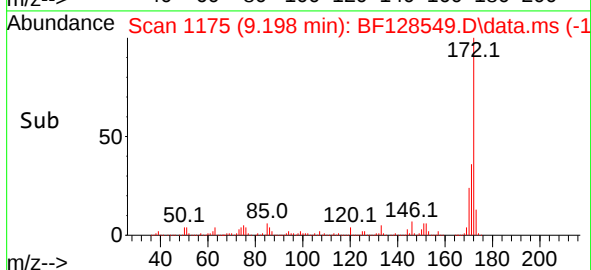
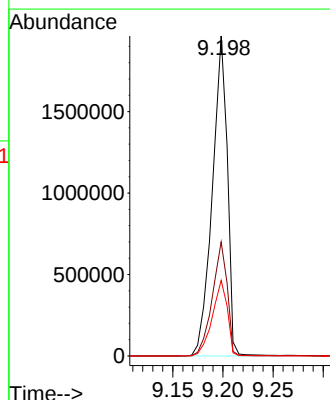
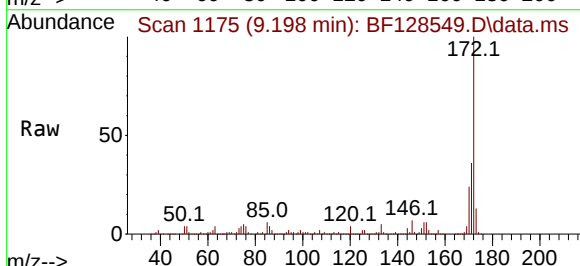
Tgt Ion:172 Resp: 2048291

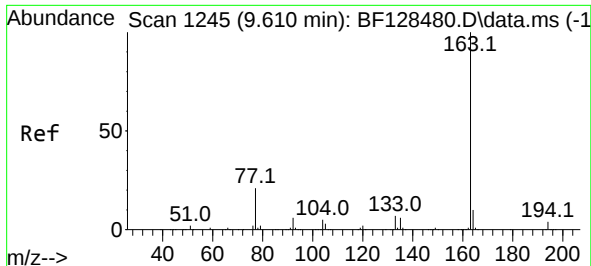
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.6 19.8 29.8

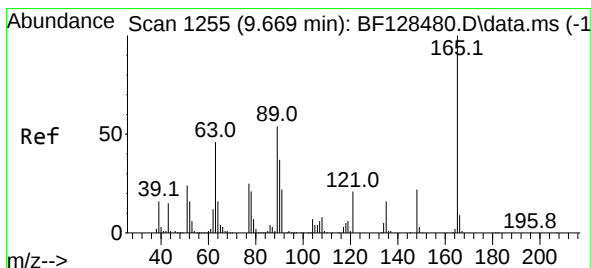
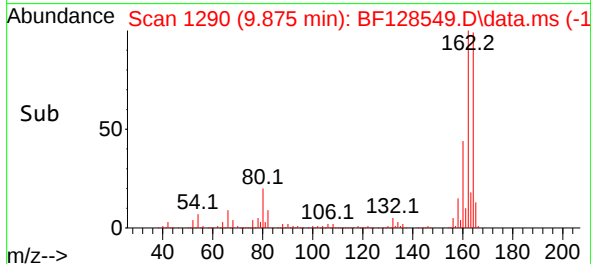
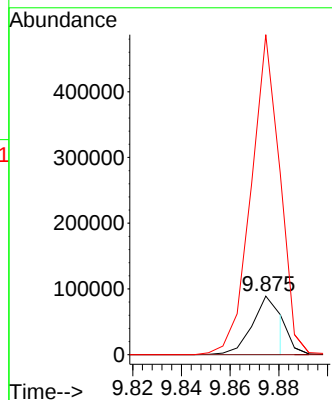
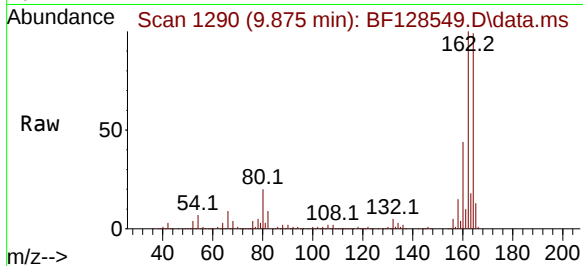




#50
Dimethylphthalate
Concen: 2.774 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128549.D
Acq: 28 May 2022 15:35

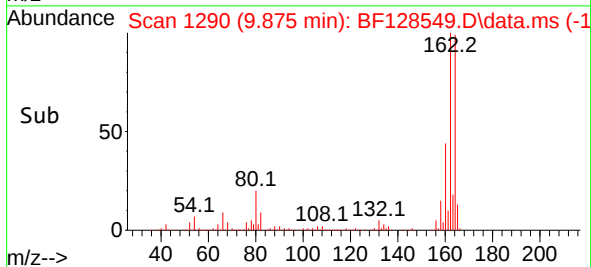
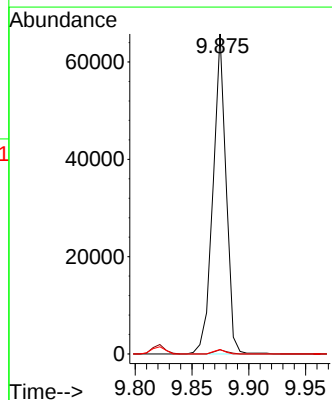
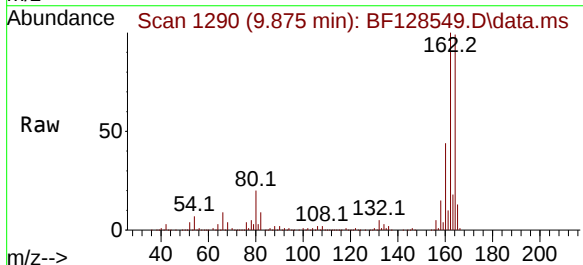
Instrument :
BNA_F
ClientSampleId :
P023-SS001-1218-01

Tgt Ion:163 Resp: 72620
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 546.8 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.938 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128549.D
Acq: 28 May 2022 15:35

Tgt Ion:165 Resp: 52475
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.4 43.6 65.4#

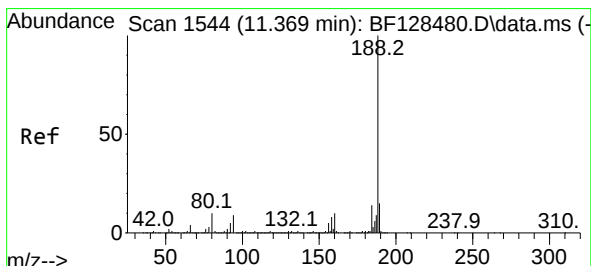
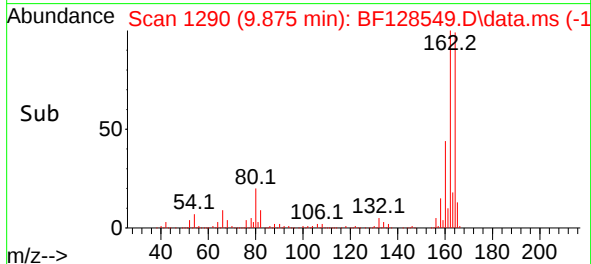
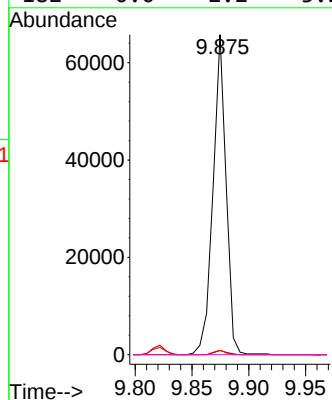
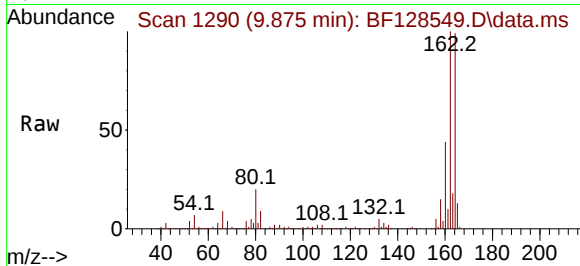




#57
2,4-Dinitrotoluene
Concen: 9.142 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128549.D
Acq: 28 May 2022 15:35

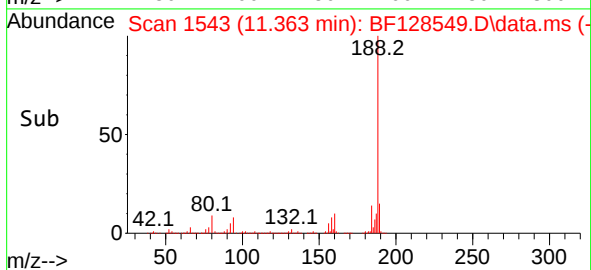
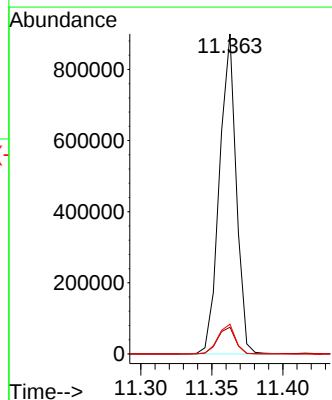
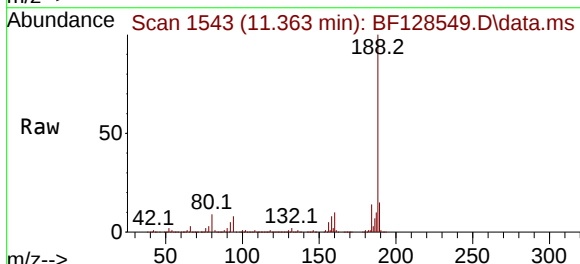
Instrument :
BNA_F
ClientSampleId :
P023-SS001-1218-01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	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: BF128549.D
Acq: 28 May 2022 15:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.0	10.6
80	9.3	7.6	11.4

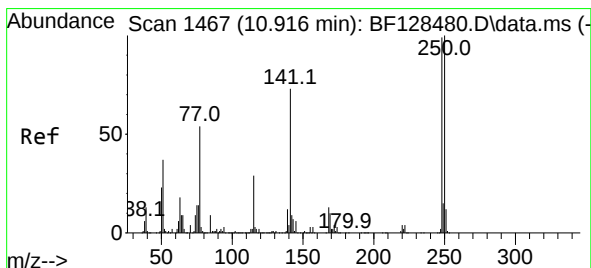
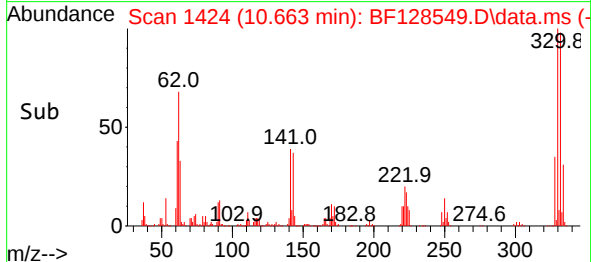
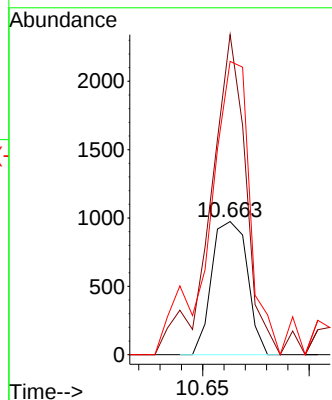
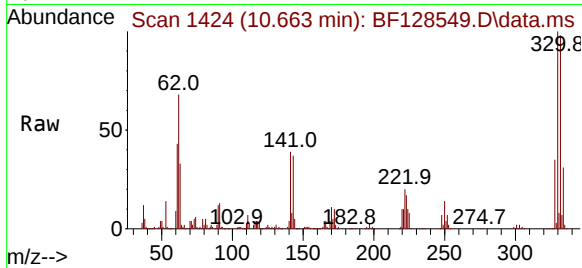




#65
4,6-Dinitro-2-methylphenol
Concen: 5.795 ng
RT: 10.663 min Scan# 1414
Delta R.T. 0.188 min
Lab File: BF128549.D
Acq: 28 May 2022 15:35

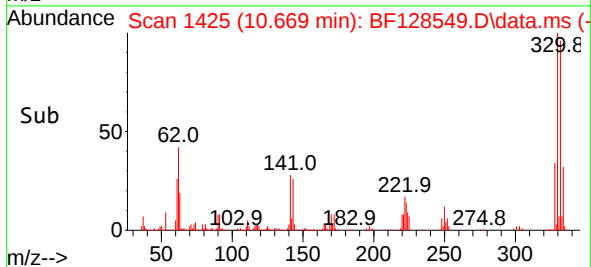
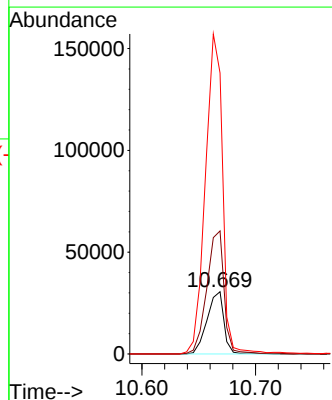
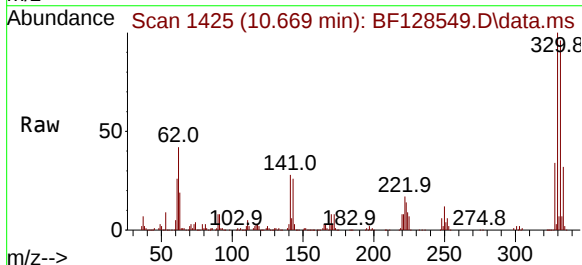
Instrument :
BNA_F
ClientSampleId :
P023-SS001-1218-01

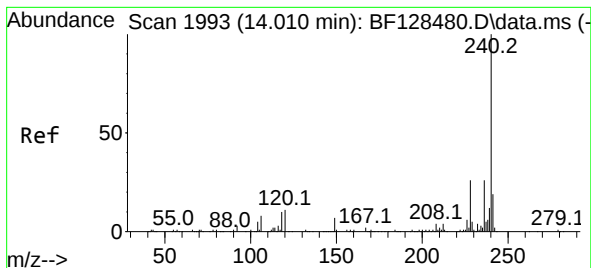
Tgt Ion:198 Resp: 1132
Ion Ratio Lower Upper
198 100
51 240.3 37.6 77.6#
105 220.2 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 4.121 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.247 min
Lab File: BF128549.D
Acq: 28 May 2022 15:35

Tgt Ion:248 Resp: 31503
Ion Ratio Lower Upper
248 100
250 197.7 80.6 120.8#
141 451.5 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 1814

Delta R.T. -0.012 min

Lab File: BF128549.D

Acq: 28 May 2022 15:35

Instrument :

BNA_F

ClientSampleId :

P023-SS001-1218-01

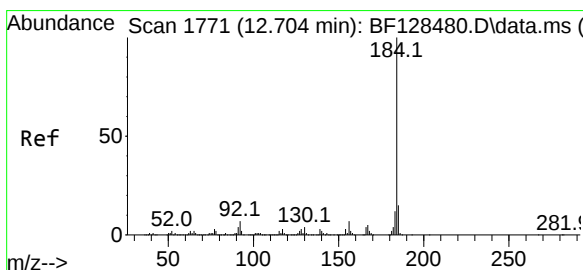
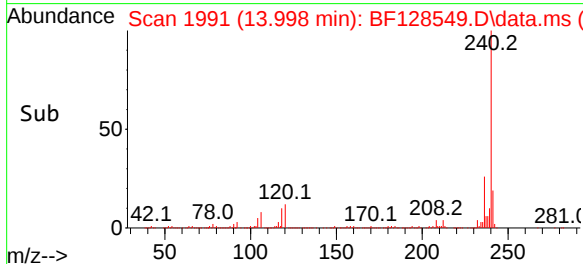
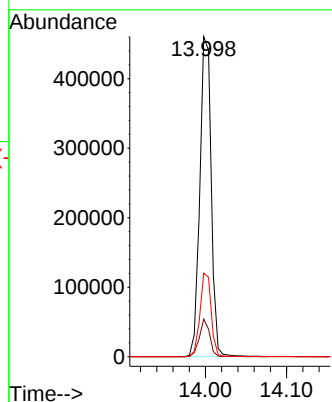
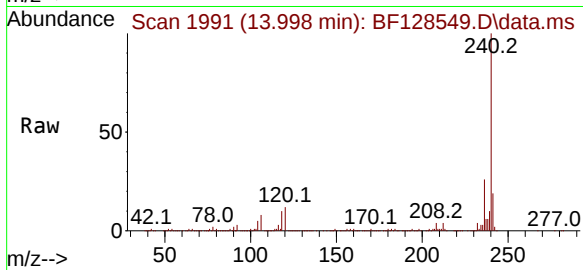
Tgt Ion:240 Resp: 451300

Ion Ratio Lower Upper

240 100

120 11.7 8.9 13.3

236 26.1 20.8 31.2



#77

Benidine

Concen: 2.839 ng

RT: 12.957 min Scan# 1814

Delta R.T. 0.253 min

Lab File: BF128549.D

Acq: 28 May 2022 15:35

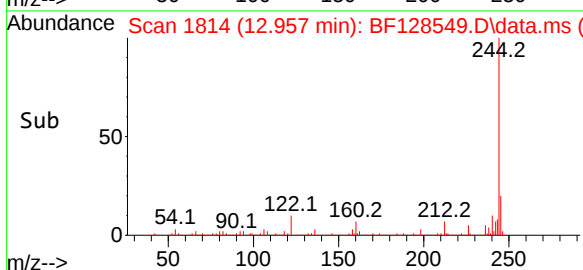
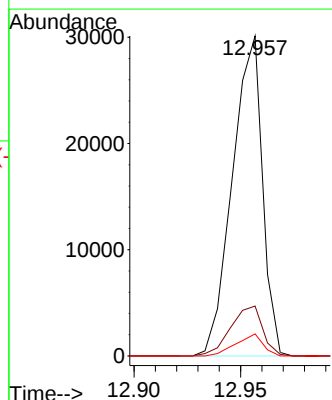
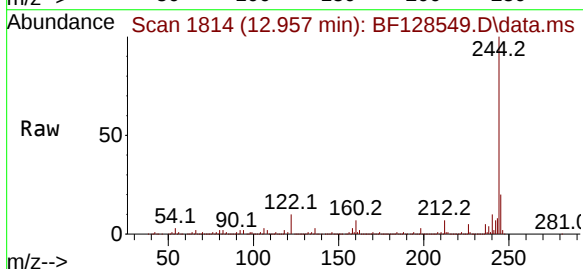
Tgt Ion:184 Resp: 29552

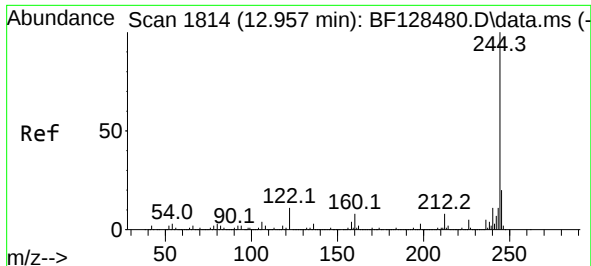
Ion Ratio Lower Upper

184 100

185 15.6 11.9 17.9

183 6.9 9.3 13.9#

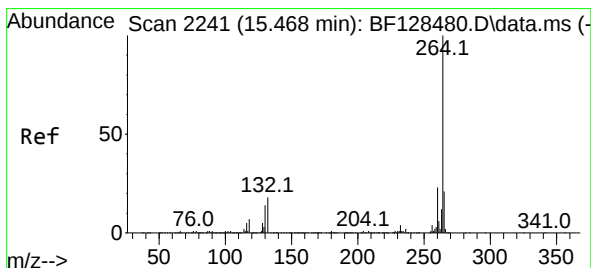
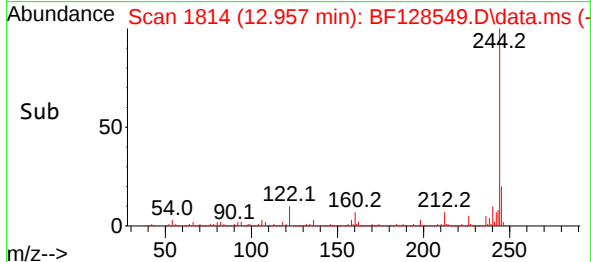
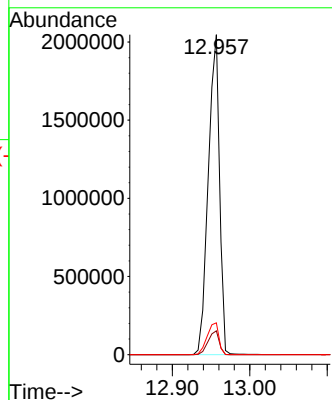
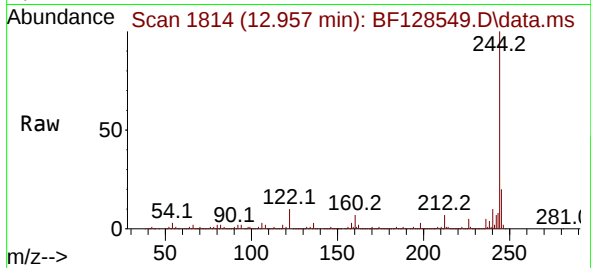




#79
 Terphenyl-d14
 Concen: 88.180 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128549.D
 Acq: 28 May 2022 15:35

Instrument :
 BNA_F
 ClientSampleId :
 P023-SS001-1218-01

Tgt Ion:244 Resp: 2059856
 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: 15.463 min Scan# 2240
 Delta R.T. -0.006 min
 Lab File: BF128549.D
 Acq: 28 May 2022 15:35

Tgt Ion:264 Resp: 364518
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 20.8 17.2 25.8

