

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
 Data File : BF132762.D
 Acq On : 13 Mar 2023 16:12
 Operator : CG\JU
 Sample : 01869-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DS-02

Quant Time: Mar 14 01:31:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 13:44:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

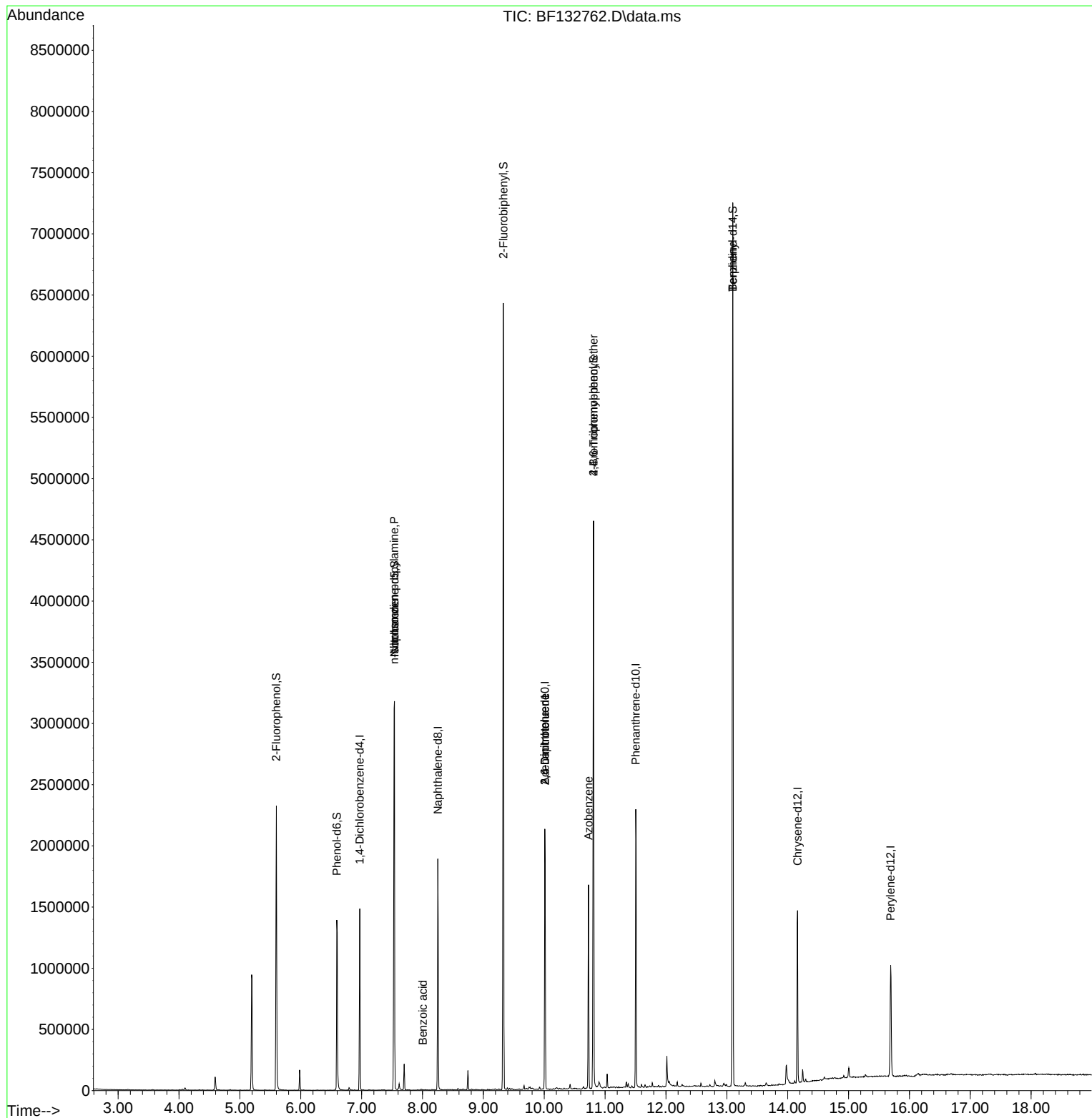
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	204136	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	763248	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	429708	20.000	ng	-0.01
64) Phenanthrene-d10	11.504	188	871381	20.000	ng	0.00
76) Chrysene-d12	14.162	240	506927	20.000	ng	0.00
86) Perylene-d12	15.692	264	440850	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	638045	50.727	ng	0.00
7) Phenol-d6	6.592	99	510160	31.078	ng	-0.02
23) Nitrobenzene-d5	7.539	82	1196706	74.389	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	591384	127.435	ng	0.00
45) 2-Fluorobiphenyl	9.327	172	2022531	71.668	ng	0.00
79) Terphenyl-d14	13.098	244	2841176	94.761	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.533	70	160715	15.908	ng	# 75
25) Isophorone	7.539	82	1196697	38.800	ng	# 67
32) Benzoic acid	8.004	122	261	3.861	ng	98
51) 2,6-Dinitrotoluene	10.010	165	57270	8.037	ng	# 22
57) 2,4-Dinitrotoluene	10.010	165	57270	6.041	ng	# 21
63) Azobenzene	10.727	77	277288	8.568	ng	# 1
67) 4-Bromophenyl-phenylether	10.810	248	39069	3.964	ng	# 1
77) Benzidine	13.098	184	41165	3.336	ng	# 94

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

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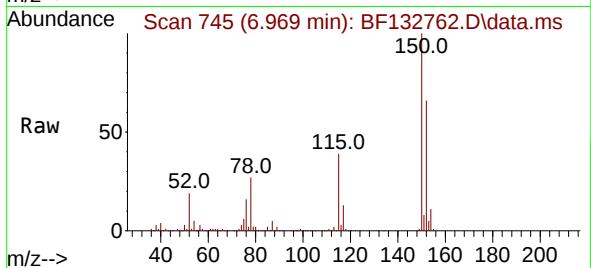
Quant Time: Mar 14 01:31:37 2023
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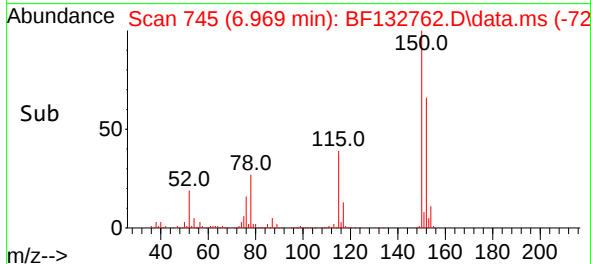
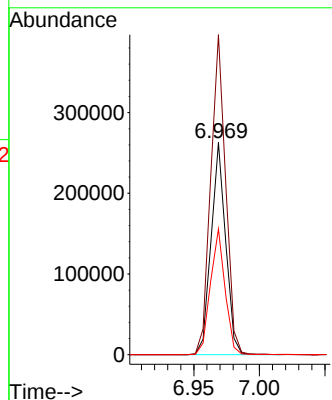


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132762.D
Acq: 13 Mar 2023 16:12

Instrument :
BNA_F
ClientSampleId :
DS-02

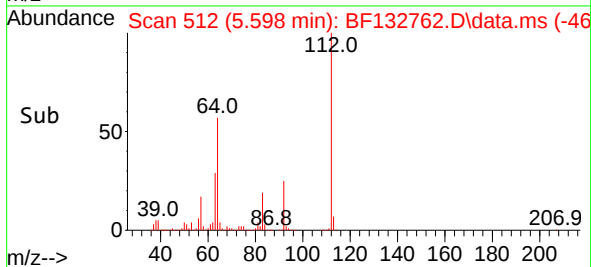
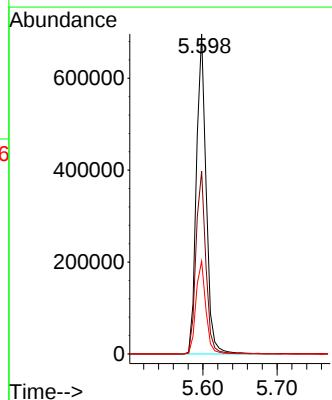
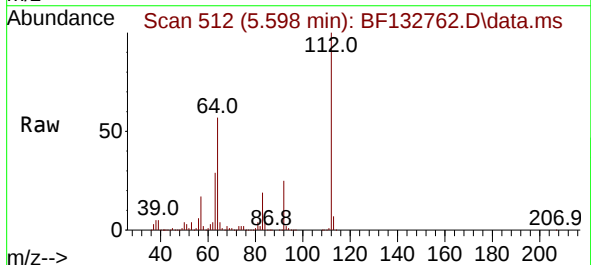


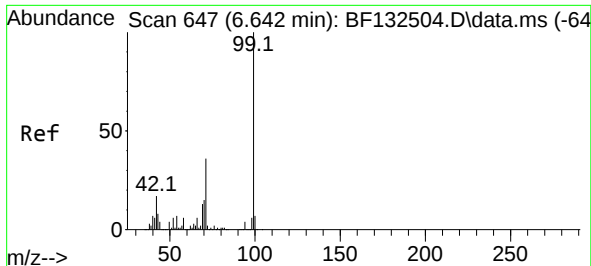
Tgt Ion:152 Resp: 204136
Ion Ratio Lower Upper
152 100
150 150.8 125.4 188.2
115 59.3 47.8 71.6



#5
2-Fluorophenol
Concen: 50.727 ng
RT: 5.598 min Scan# 512
Delta R.T. -0.000 min
Lab File: BF132762.D
Acq: 13 Mar 2023 16:12

Tgt Ion:112 Resp: 638045
Ion Ratio Lower Upper
112 100
64 57.1 51.6 77.4
63 29.0 27.4 41.2

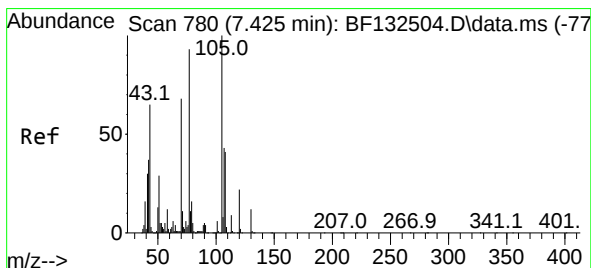
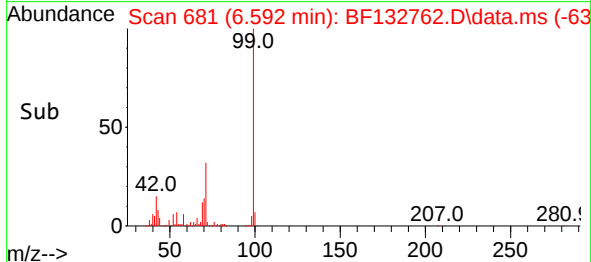
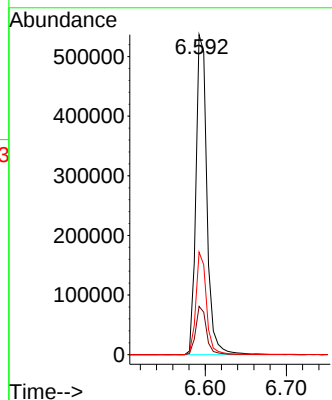
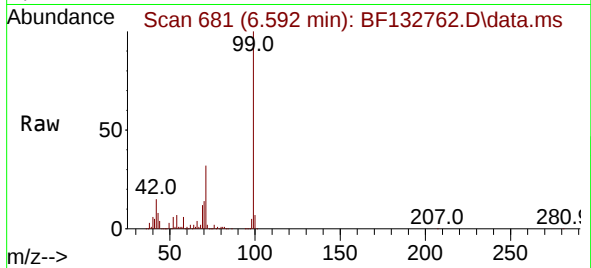




#7
Phenol-d6
Concen: 31.078 ng
RT: 6.592 min Scan# 61
Delta R.T. -0.018 min
Lab File: BF132762.D
Acq: 13 Mar 2023 16:12

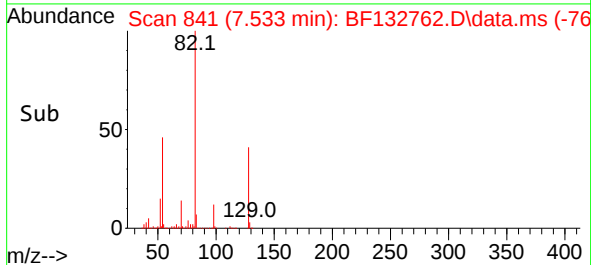
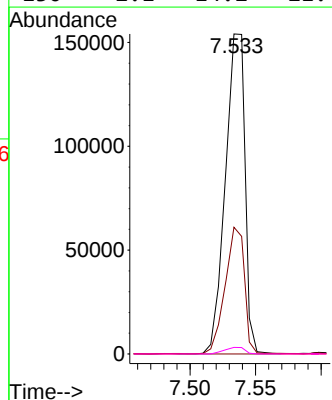
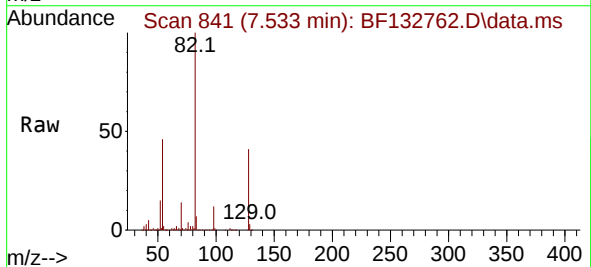
Instrument :
BNA_F
ClientSampleId :
DS-02

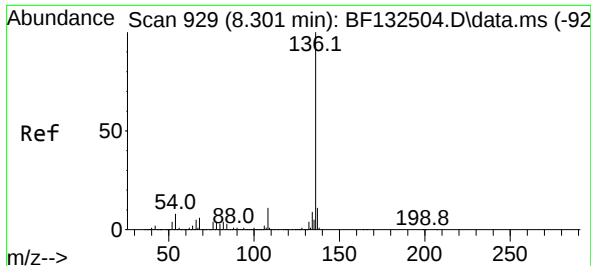
Tgt Ion: 99 Resp: 510160
Ion Ratio Lower Upper
99 100
42 15.1 13.9 20.9
71 32.0 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.908 ng
RT: 7.533 min Scan# 841
Delta R.T. 0.147 min
Lab File: BF132762.D
Acq: 13 Mar 2023 16:12

Tgt Ion: 70 Resp: 160715
Ion Ratio Lower Upper
70 100
42 39.6 44.1 66.1#
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#



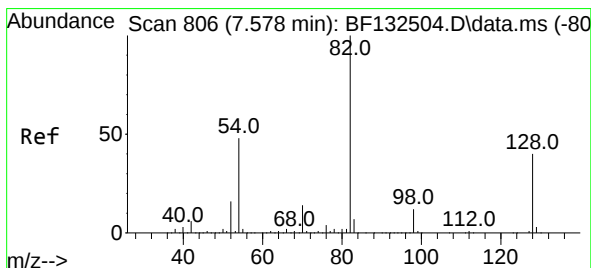
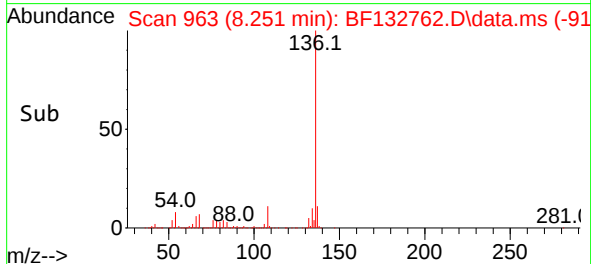
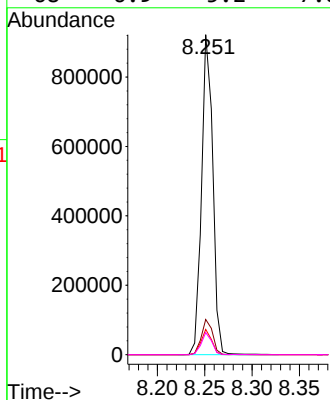
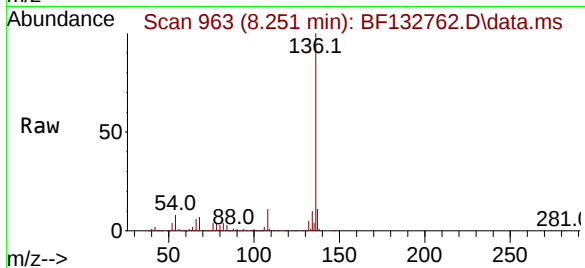


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132762.D
Acq: 13 Mar 2023 16:12

Instrument :
BNA_F
ClientSampleId :
DS-02

Tgt Ion:136 Resp: 763248

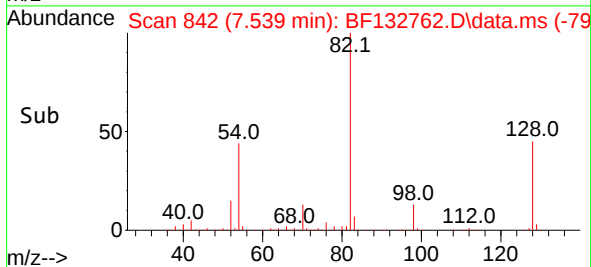
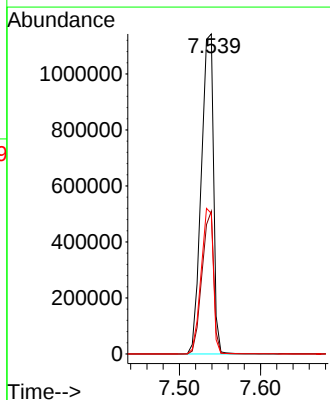
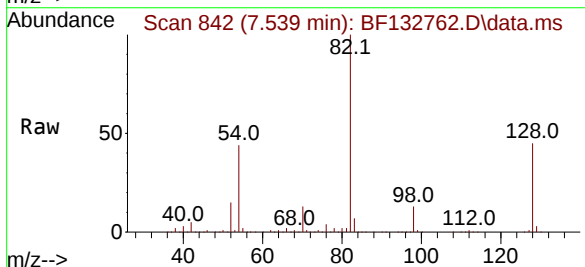
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.9	6.2	9.4
68	6.9	5.2	7.8



#23
Nitrobenzene-d5
Concen: 74.389 ng
RT: 7.539 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF132762.D
Acq: 13 Mar 2023 16:12

Tgt Ion: 82 Resp: 1196706

Ion	Ratio	Lower	Upper
82	100		
128	44.6	32.2	48.2
54	43.9	38.4	57.6

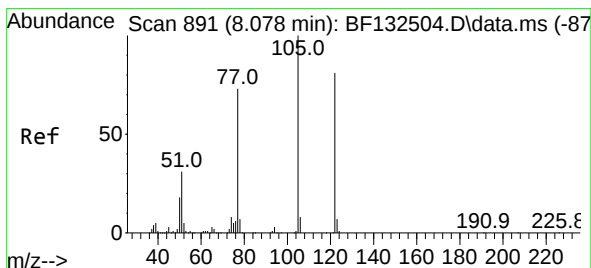
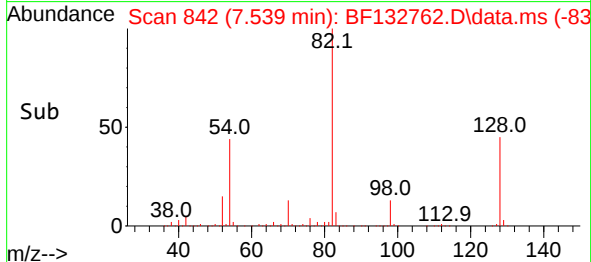
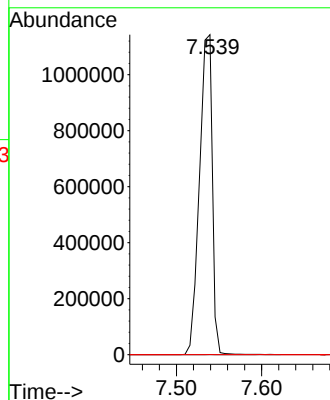
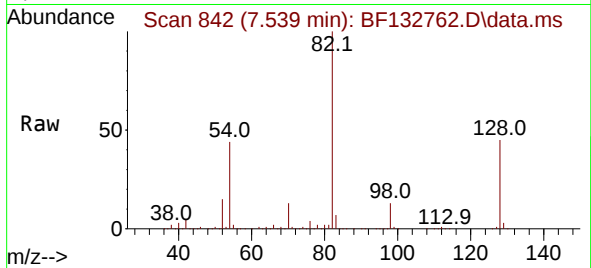




#25
Isophorone
Concen: 38.800 ng
RT: 7.539 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF132762.D
Acq: 13 Mar 2023 16:12

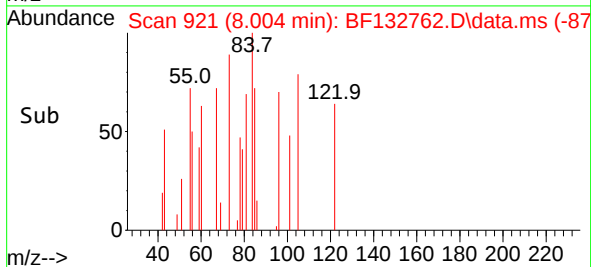
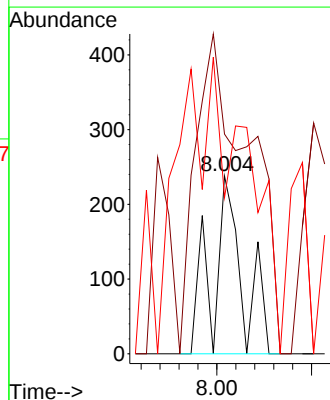
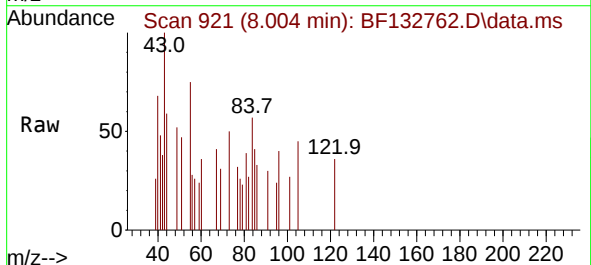
Instrument :
BNA_F
ClientSampleId :
DS-02

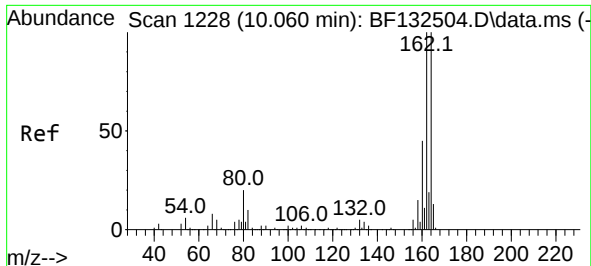
Tgt Ion: 82 Resp: 1196697
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.861 ng
RT: 8.004 min Scan# 921
Delta R.T. -0.035 min
Lab File: BF132762.D
Acq: 13 Mar 2023 16:12

Tgt Ion: 122 Resp: 261
Ion Ratio Lower Upper
122 100
105 123.5 102.6 142.6
77 87.8 70.2 110.2

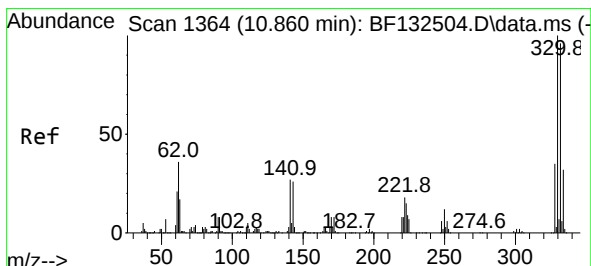
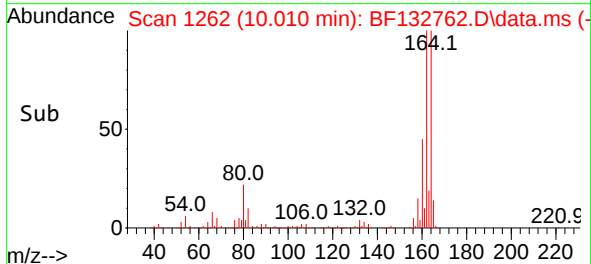
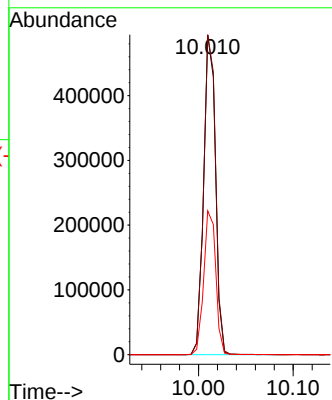
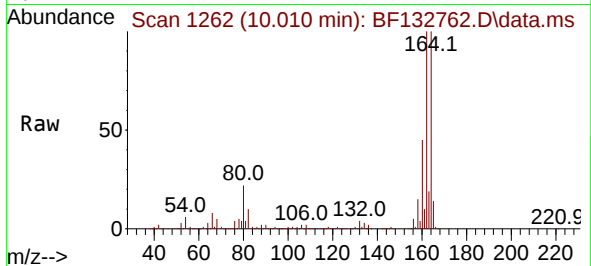




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF132762.D
Acq: 13 Mar 2023 16:12

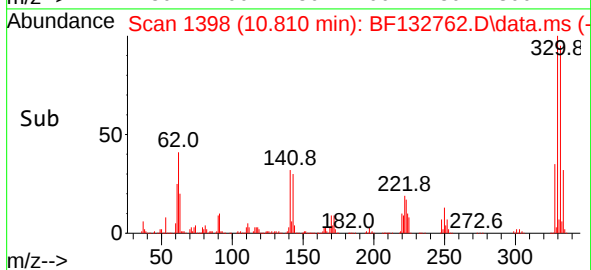
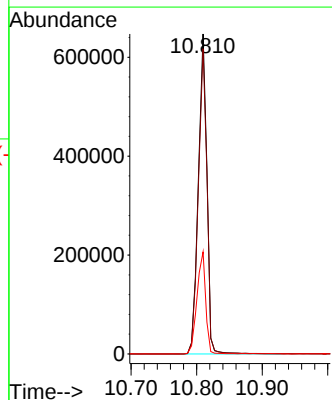
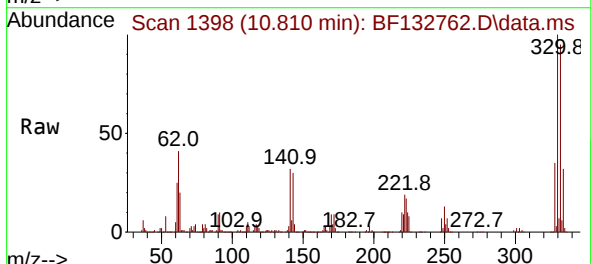
Instrument :
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ClientSampleId :
DS-02

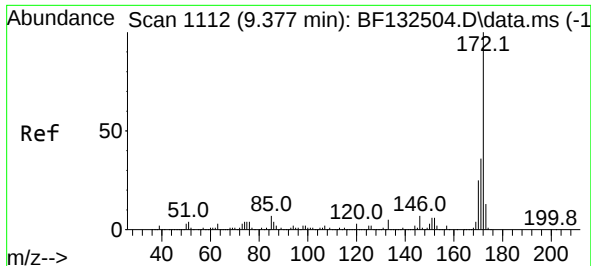
Tgt Ion:164 Resp: 429708
Ion Ratio Lower Upper
164 100
162 100.2 79.8 119.8
160 45.0 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 127.435 ng
RT: 10.810 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF132762.D
Acq: 13 Mar 2023 16:12

Tgt Ion:330 Resp: 591384
Ion Ratio Lower Upper
330 100
332 96.0 76.2 114.4
141 32.4 28.4 42.6

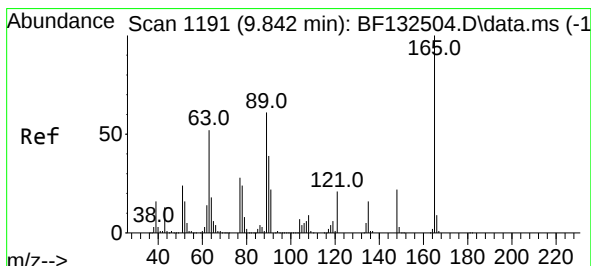
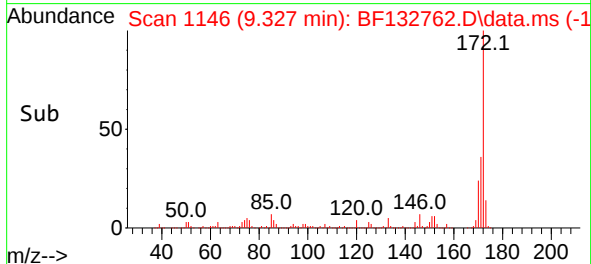
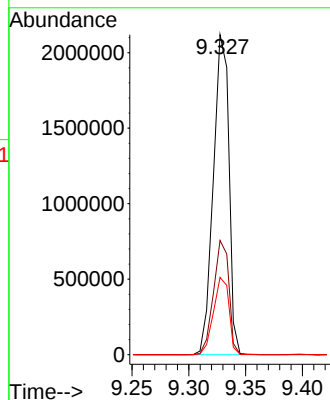
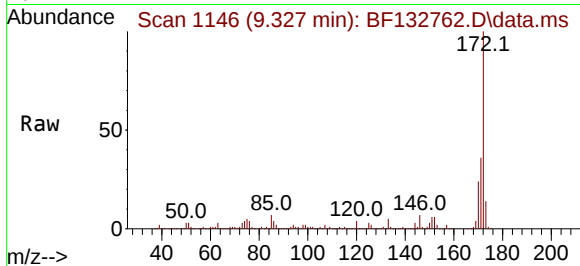




#45
2-Fluorobiphenyl
Concen: 71.668 ng
RT: 9.327 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF132762.D
Acq: 13 Mar 2023 16:12

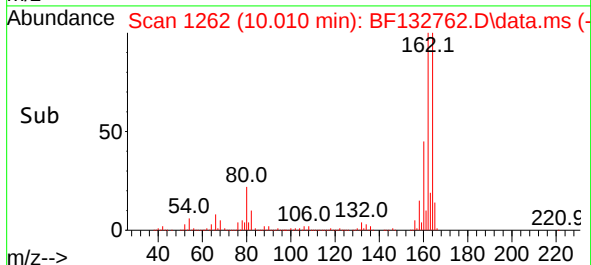
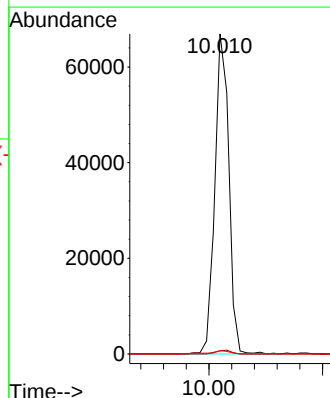
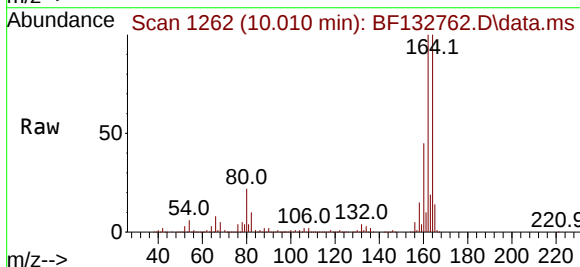
Instrument :
BNA_F
ClientSampleId :
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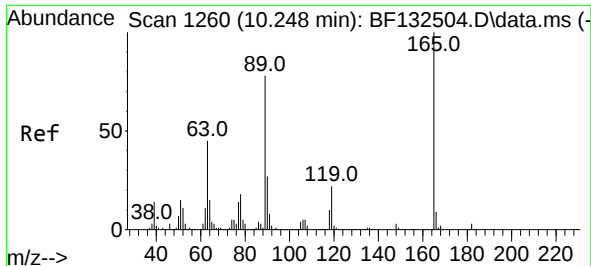
Tgt Ion:172 Resp: 2022531
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.1 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 8.037 ng
RT: 10.010 min Scan# 1262
Delta R.T. 0.206 min
Lab File: BF132762.D
Acq: 13 Mar 2023 16:12

Tgt Ion:165 Resp: 57270
Ion Ratio Lower Upper
165 100
63 0.9 47.3 70.9#
89 1.1 48.9 73.3#

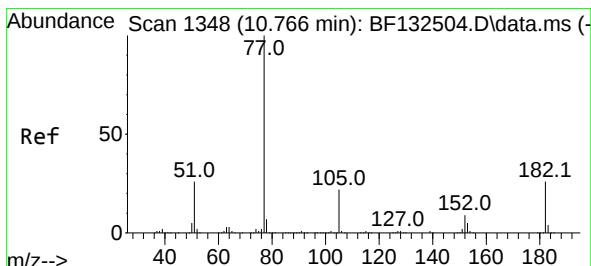
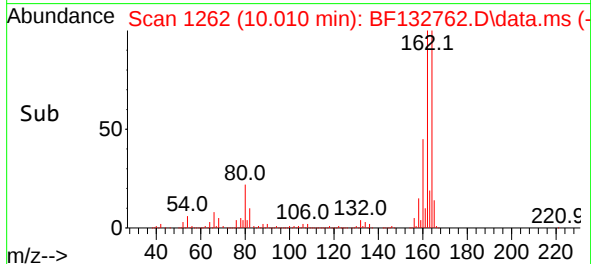
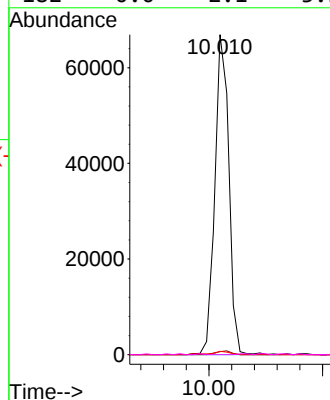
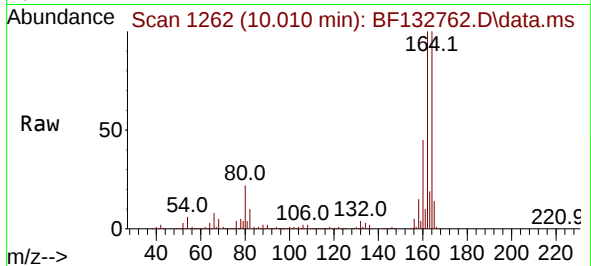




#57
2,4-Dinitrotoluene
Concen: 6.041 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF132762.D
Acq: 13 Mar 2023 16:12

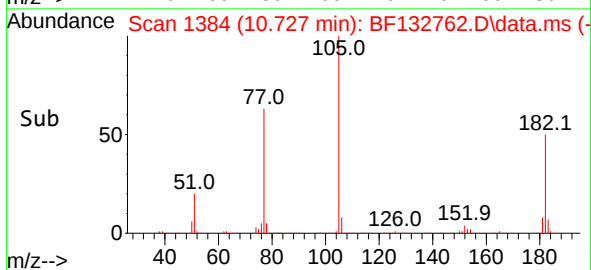
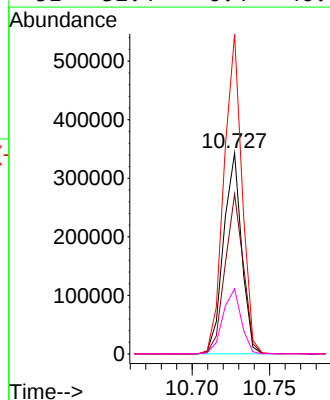
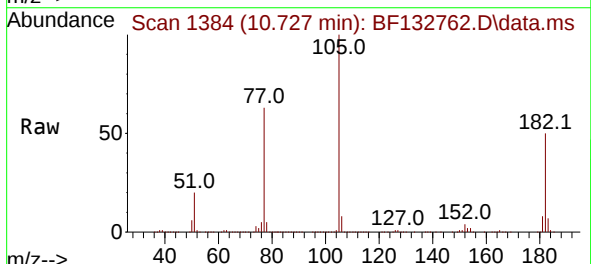
Instrument :
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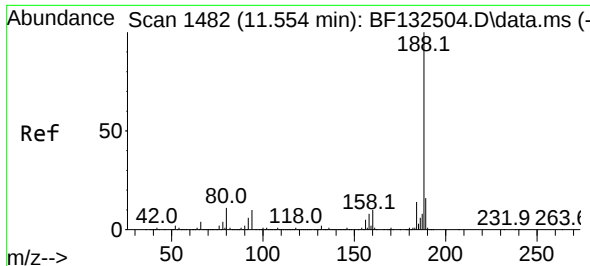
Tgt Ion:165 Resp: 57270
Ion Ratio Lower Upper
165 100
63 0.9 36.5 54.7#
89 1.1 62.4 93.6#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 8.568 ng
RT: 10.727 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF132762.D
Acq: 13 Mar 2023 16:12

Tgt Ion: 77 Resp: 277288
Ion Ratio Lower Upper
77 100
182 79.6 5.5 45.5#
105 159.2 1.8 41.8#
51 32.4 6.4 46.4

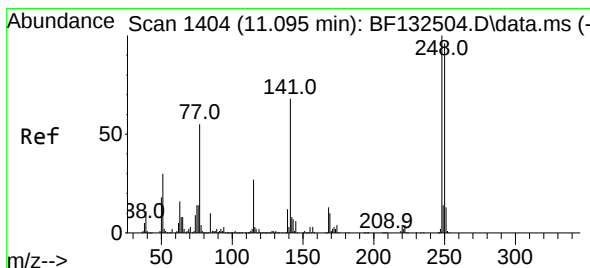
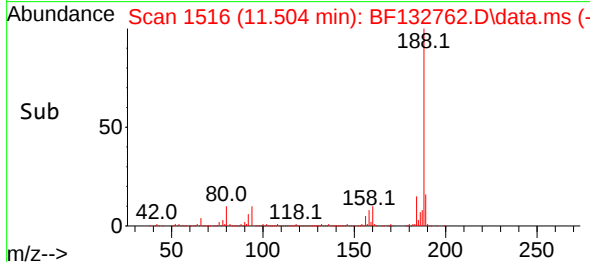
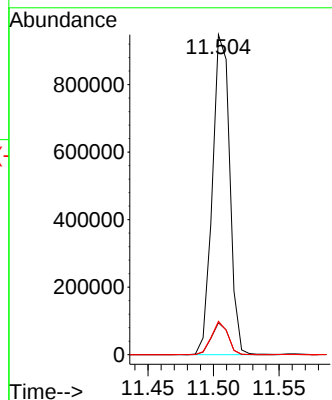
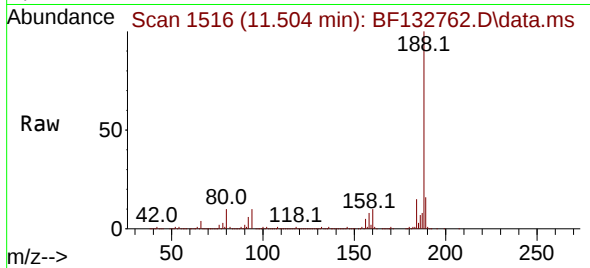




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132762.D
Acq: 13 Mar 2023 16:12

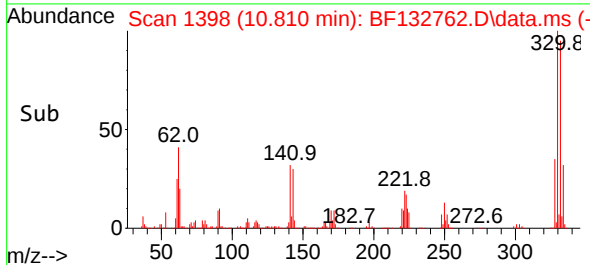
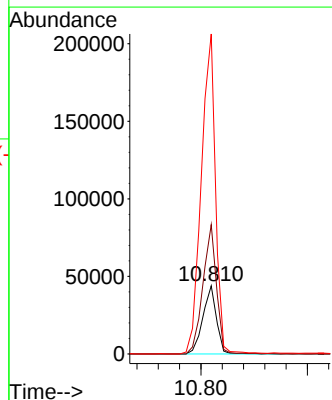
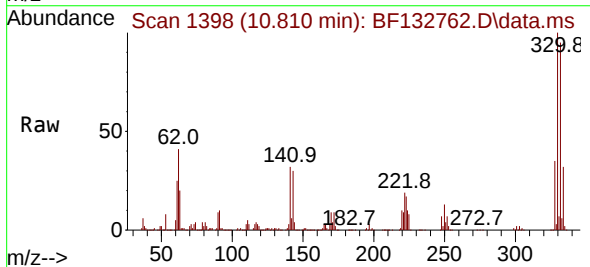
Instrument :
BNA_F
ClientSampleId :
DS-02

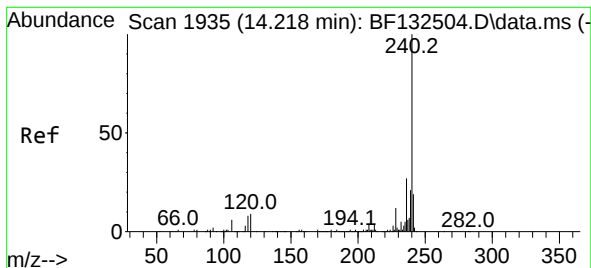
Tgt Ion:188 Resp: 871381
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 10.4 8.7 13.1



#67
4-Bromophenyl-phenylether
Concen: 3.964 ng
RT: 10.810 min Scan# 1398
Delta R.T. -0.241 min
Lab File: BF132762.D
Acq: 13 Mar 2023 16:12

Tgt Ion:248 Resp: 39069
Ion Ratio Lower Upper
248 100
250 189.8 77.0 115.4#
141 469.6 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.162 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BF132762.D

Acq: 13 Mar 2023 16:12

Instrument :

BNA_F

ClientSampleId :

DS-02

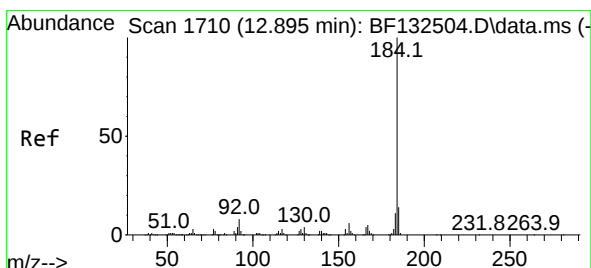
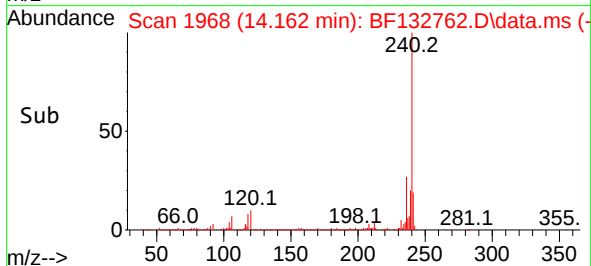
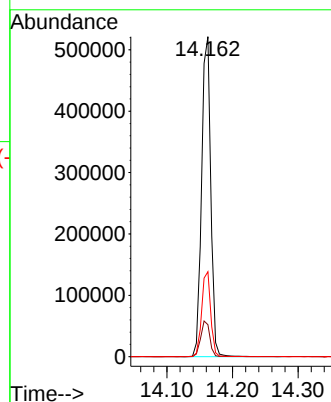
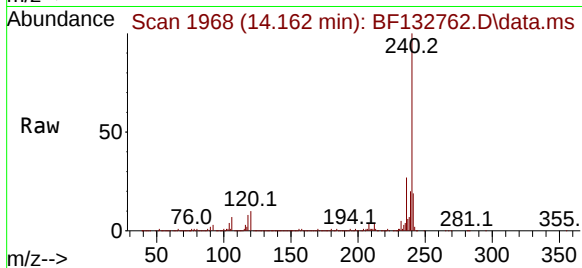
Tgt Ion:240 Resp: 506927

Ion Ratio Lower Upper

240 100

120 10.0 7.2 10.8

236 26.5 21.8 32.6



#77

Benzidine

Concen: 3.336 ng

RT: 13.098 min Scan# 1787

Delta R.T. 0.247 min

Lab File: BF132762.D

Acq: 13 Mar 2023 16:12

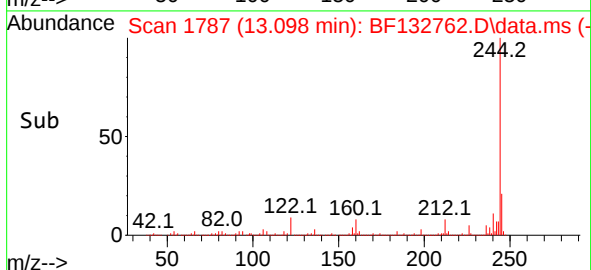
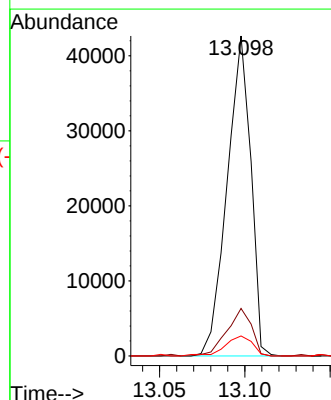
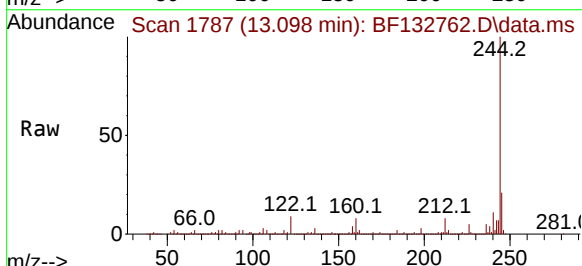
Tgt Ion:184 Resp: 41165

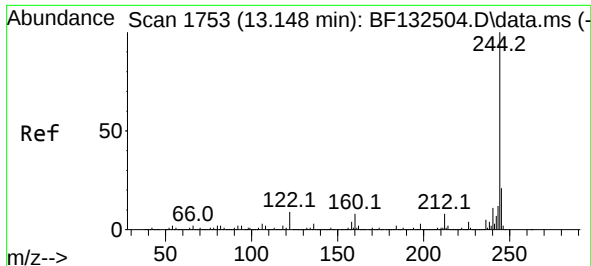
Ion Ratio Lower Upper

184 100

185 14.9 11.7 17.5

183 6.2 8.7 13.1#

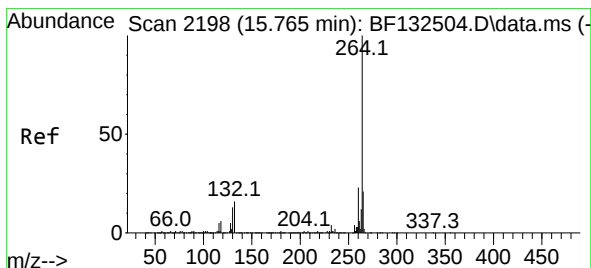
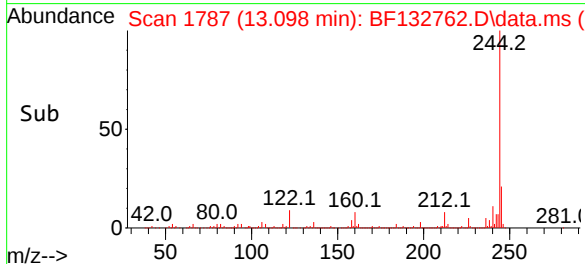
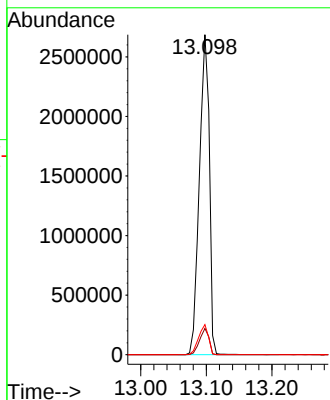
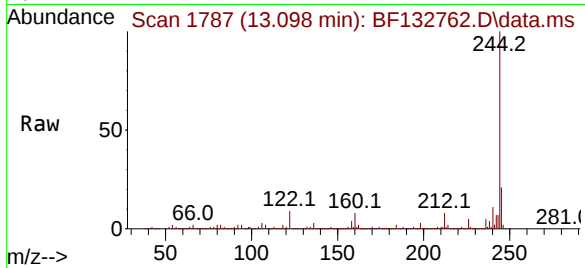




#79
 Terphenyl-d14
 Concen: 94.761 ng
 RT: 13.098 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132762.D
 Acq: 13 Mar 2023 16:12

Instrument :
 BNA_F
 ClientSampleId :
 DS-02

Tgt Ion:244 Resp: 2841176
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 9.4 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.692 min Scan# 2228
 Delta R.T. -0.006 min
 Lab File: BF132762.D
 Acq: 13 Mar 2023 16:12

Tgt Ion:264 Resp: 440850
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.8 28.2
 265 22.4 17.1 25.7

