

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
 Data File : BF136004.D
 Acq On : 28 Oct 2023 14:28
 Operator : CG\JU
 Sample : PB156249TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156249TB

Quant Time: Oct 30 00:25:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

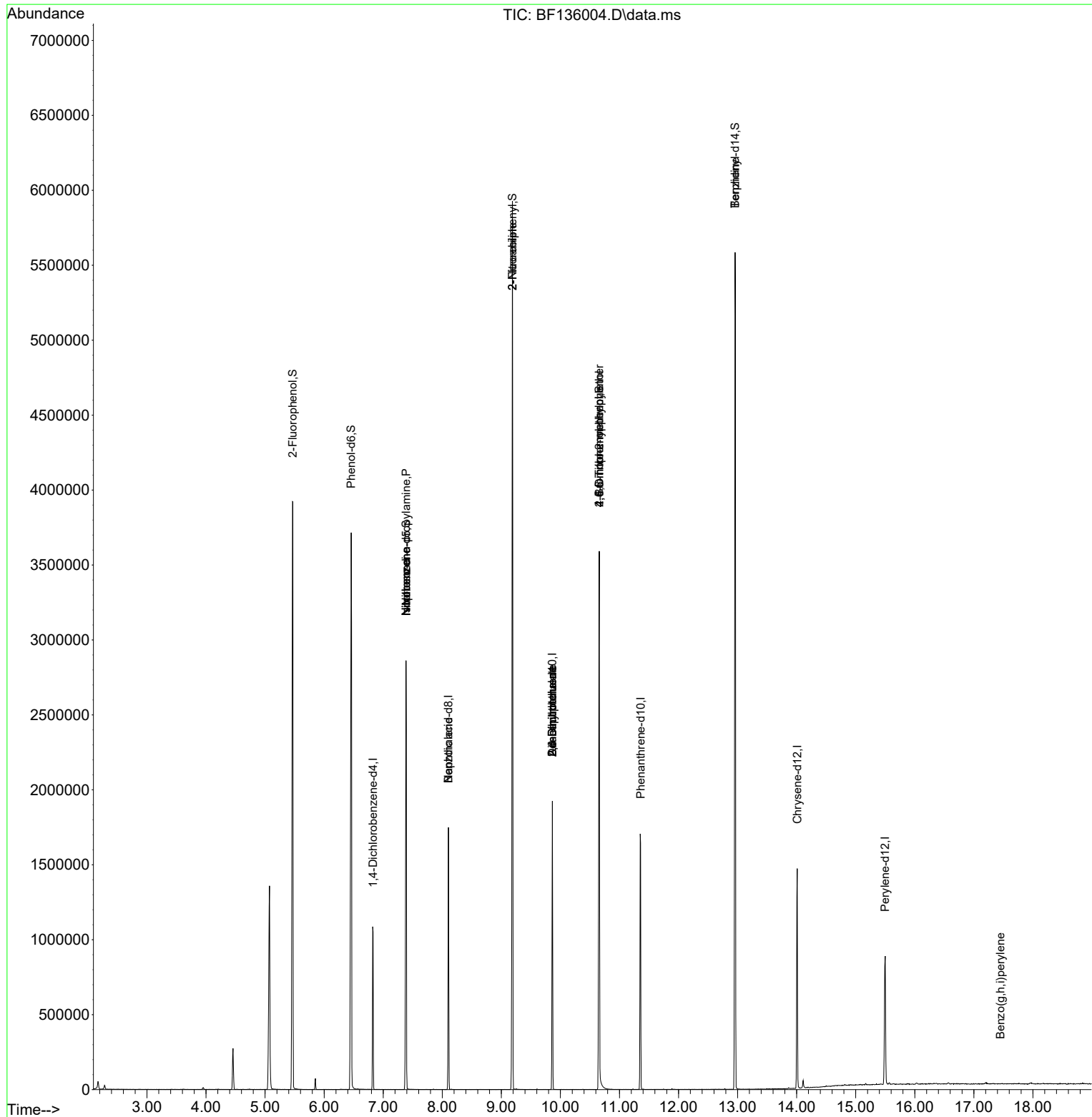
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	164797	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	661537	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	341328	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	650505	20.000	ng	0.00
76) Chrysene-d12	14.010	240	495228	20.000	ng	0.00
86) Perylene-d12	15.498	264	403237	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1345983	126.120	ng	0.02
7) Phenol-d6	6.457	99	1684291	126.767	ng	0.00
23) Nitrobenzene-d5	7.387	82	977629	94.231	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	501821	167.966	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1804254	84.642	ng	0.00
79) Terphenyl-d14	12.957	244	2295674	77.450	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.387	70	130201	17.233	ng	# 77
24) Nitrobenzene	7.387	77	2885	2.831	ng	# 30
25) Isophorone	7.387	82	977330	46.738	ng	# 64
32) Benzoic acid	8.104	122	65	5.733	ng	# 1
48) 2-Nitroaniline	9.186	65	2920	4.803	ng	# 1
50) Dimethylphthalate	9.863	163	69330	3.132	ng	# 1
51) 2,6-Dinitrotoluene	9.863	165	43556	13.392	ng	# 20
57) 2,4-Dinitrotoluene	9.863	165	43556	12.565	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.657	198	1088	7.574	ng	# 1
67) 4-Bromophenyl-phenylether	10.657	248	30418	4.566	ng	# 1
77) Benzidine	12.957	184	26644	2.790	ng	# 91
92) Benzo(g,h,i)perylene	17.451	276	1033	3.801	ng	# 51

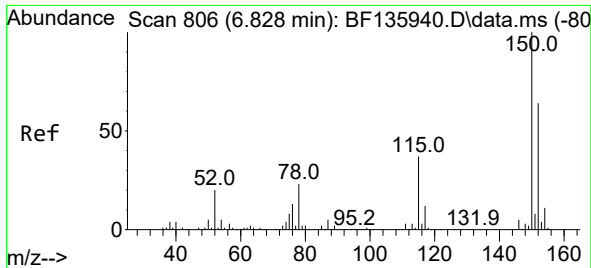
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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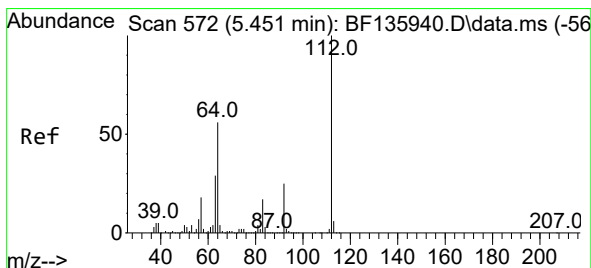
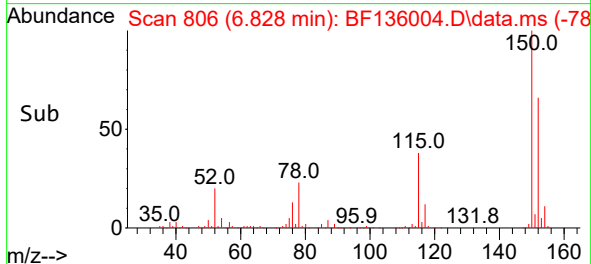
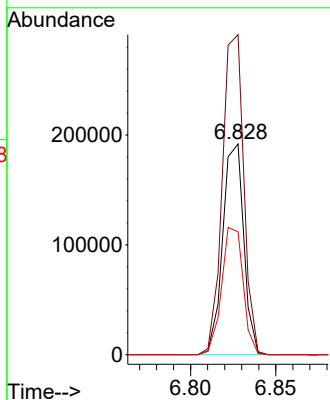
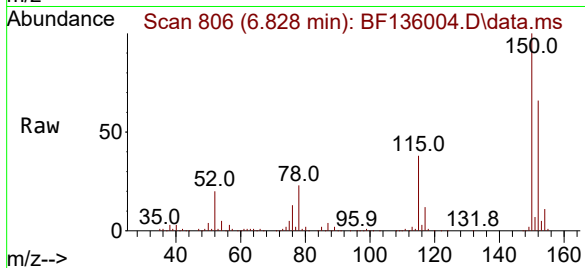




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF136004.D
Acq: 28 Oct 2023 14:28

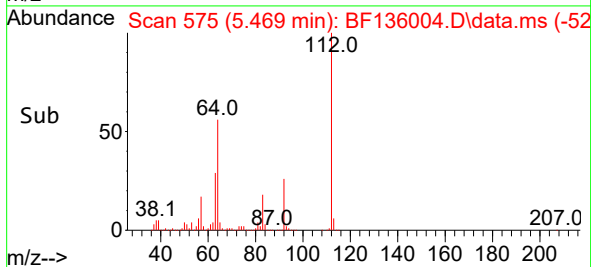
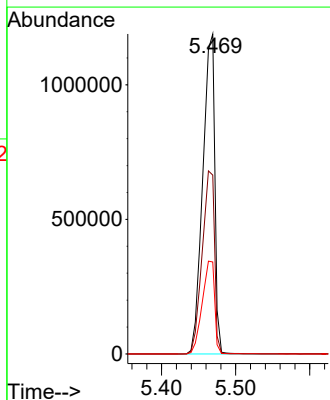
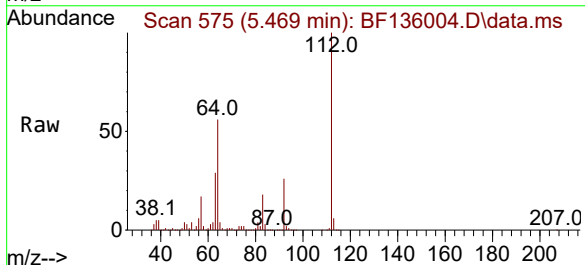
Instrument :
BNA_F
ClientSampleId :
PB156249TB

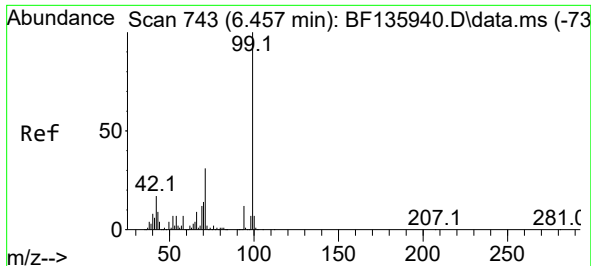
Tgt Ion:152 Resp: 164797
Ion Ratio Lower Upper
152 100
150 151.8 124.6 186.8
115 58.3 46.6 69.8



#5
2-Fluorophenol
Concen: 126.120 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.018 min
Lab File: BF136004.D
Acq: 28 Oct 2023 14:28

Tgt Ion:112 Resp: 1345983
Ion Ratio Lower Upper
112 100
64 55.9 45.1 67.7
63 28.8 23.0 34.4



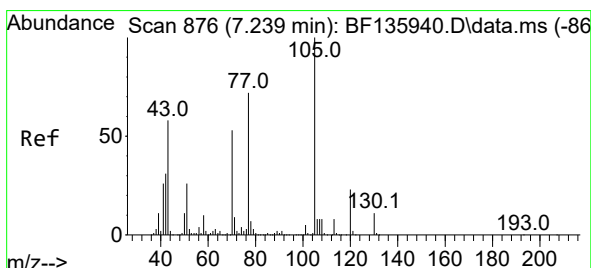
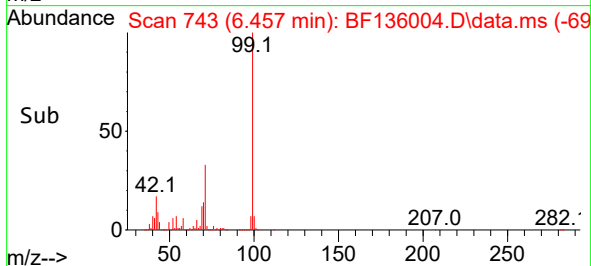
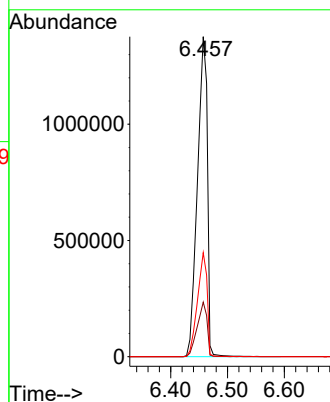
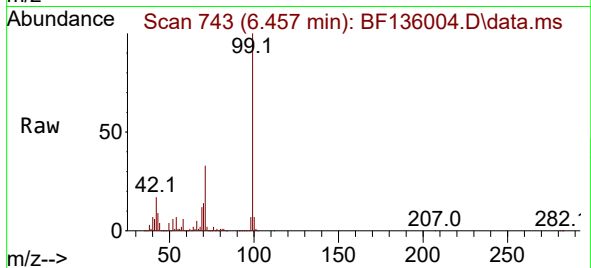


#7
Phenol-d6
Concen: 126.767 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136004.D
Acq: 28 Oct 2023 14:28

Instrument :
BNA_F
ClientSampleId :
PB156249TB

Tgt Ion: 99 Resp: 1684291

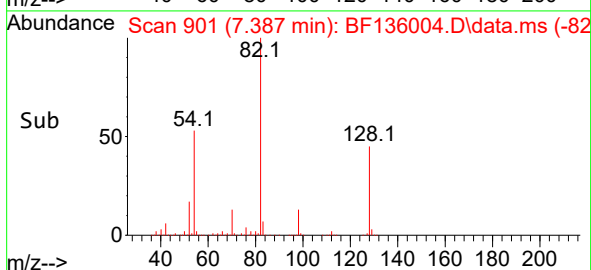
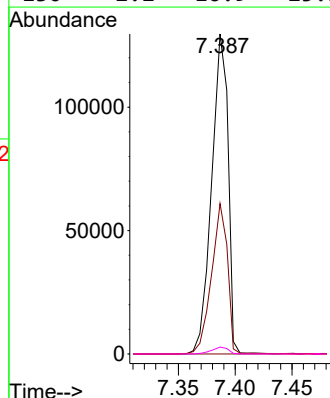
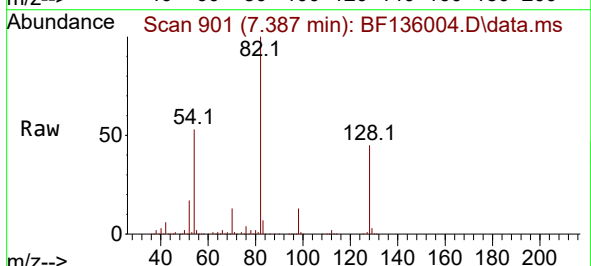
Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.8	20.8
71	32.5	25.1	37.7

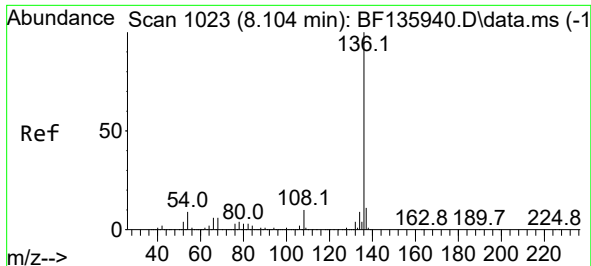


#19
n-Nitroso-di-n-propylamine
Concen: 17.233 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF136004.D
Acq: 28 Oct 2023 14:28

Tgt Ion: 70 Resp: 130201

Ion	Ratio	Lower	Upper
70	100		
42	47.0	47.3	70.9#
101	0.0	7.8	11.8#
130	2.2	16.9	25.3#

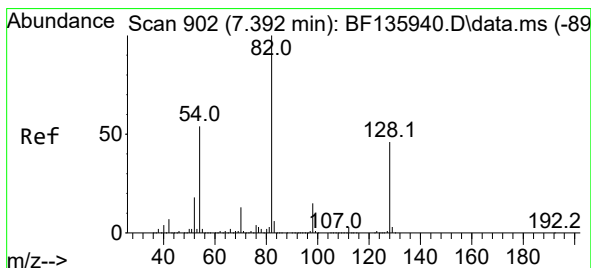
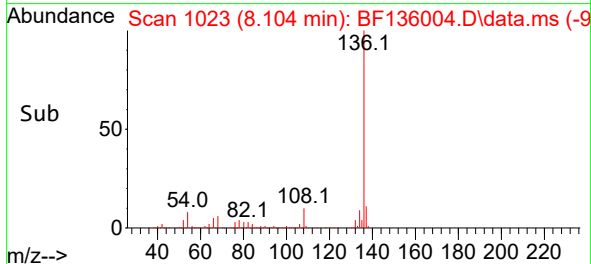
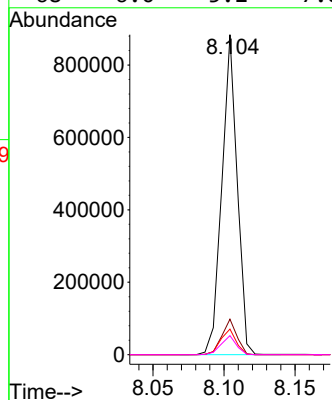
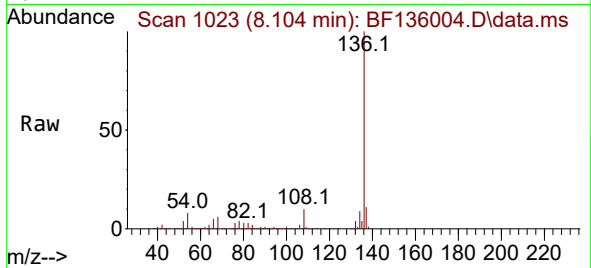




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF136004.D
Acq: 28 Oct 2023 14:28

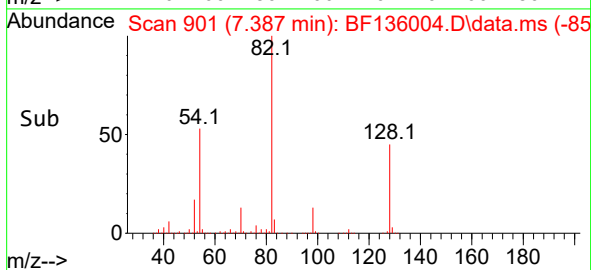
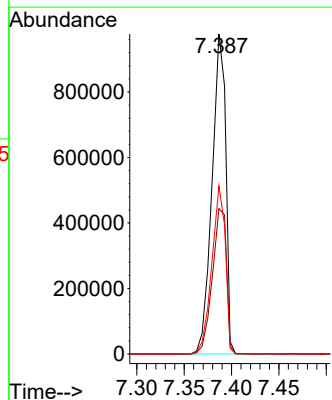
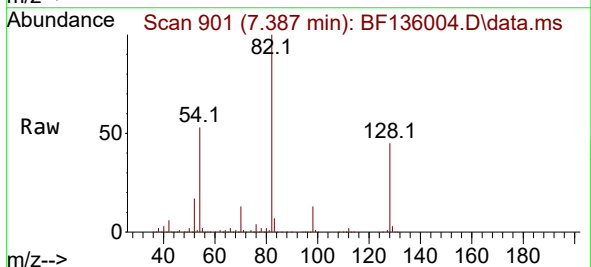
Instrument :
BNA_F
ClientSampleId :
PB156249TB

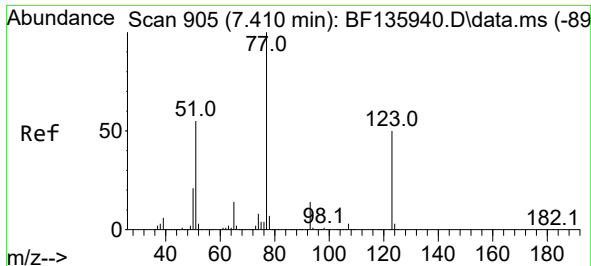
Tgt Ion:136 Resp: 661537
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 8.0 7.1 10.7
68 6.0 5.2 7.8



#23
Nitrobenzene-d5
Concen: 94.231 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.005 min
Lab File: BF136004.D
Acq: 28 Oct 2023 14:28

Tgt Ion: 82 Resp: 977629
Ion Ratio Lower Upper
82 100
128 45.4 36.8 55.2
54 52.5 43.4 65.0

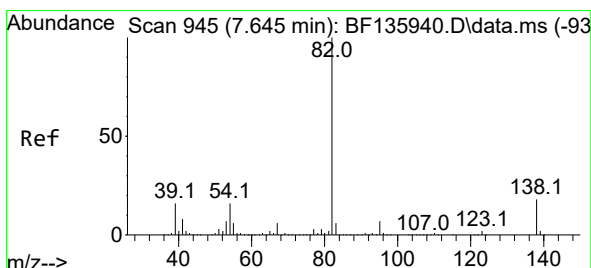
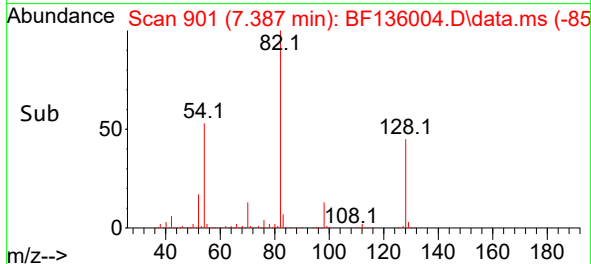
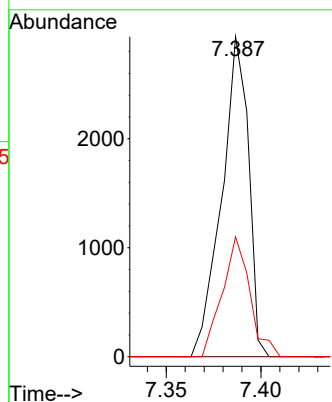
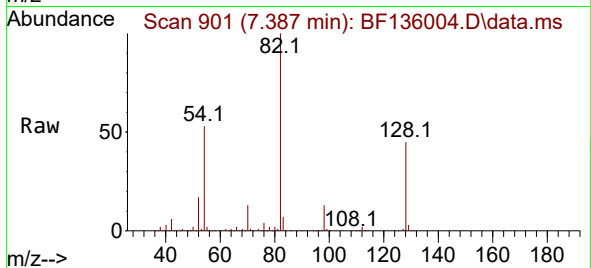




#24
Nitrobenzene
Concen: 2.831 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.023 min
Lab File: BF136004.D
Acq: 28 Oct 2023 14:28

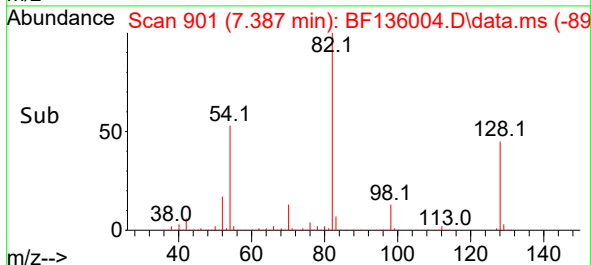
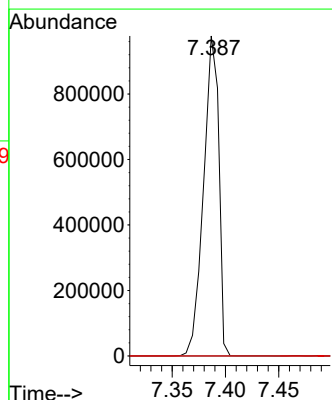
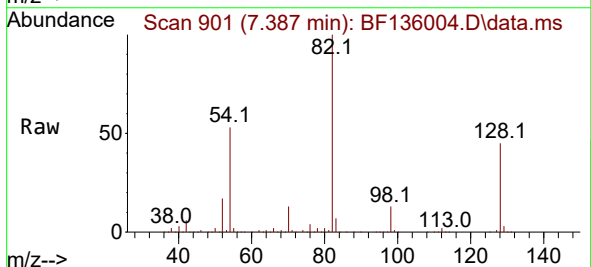
Instrument :
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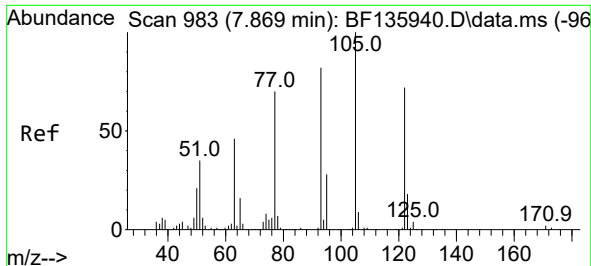
Tgt Ion: 77 Resp: 2885
Ion Ratio Lower Upper
77 100
123 0.0 40.2 60.2#
65 37.5 11.0 16.4#



#25
Isophorone
Concen: 46.738 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.259 min
Lab File: BF136004.D
Acq: 28 Oct 2023 14:28

Tgt Ion: 82 Resp: 977330
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.8 22.2#

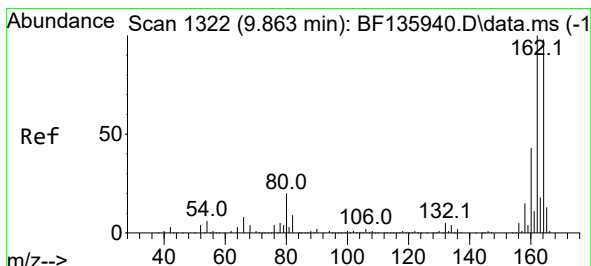
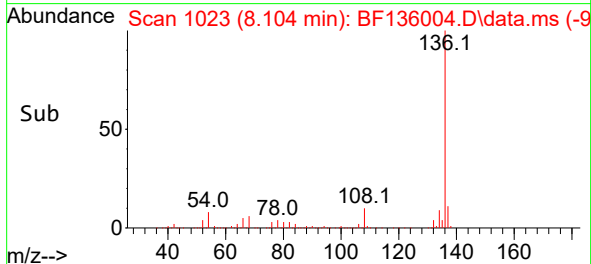
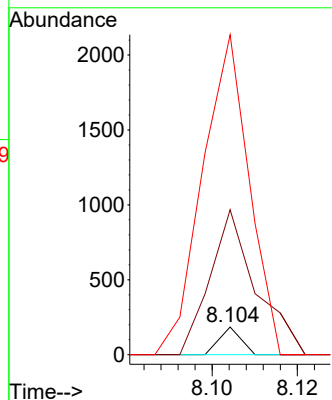
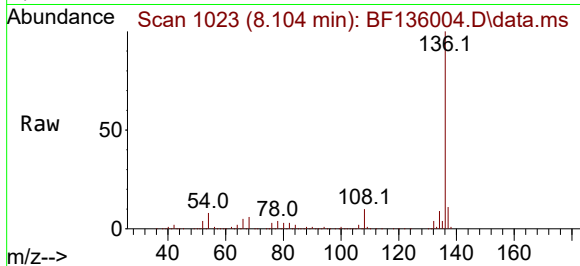




#32
Benzoic acid
Concen: 5.733 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.235 min
Lab File: BF136004.D
Acq: 28 Oct 2023 14:28

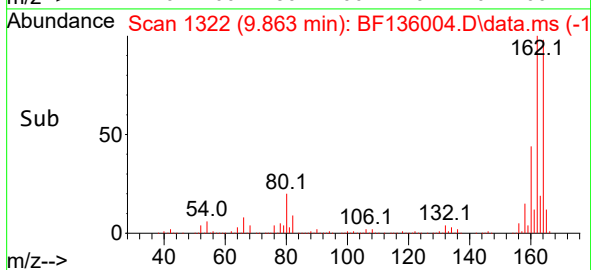
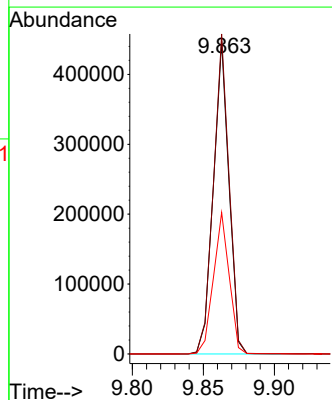
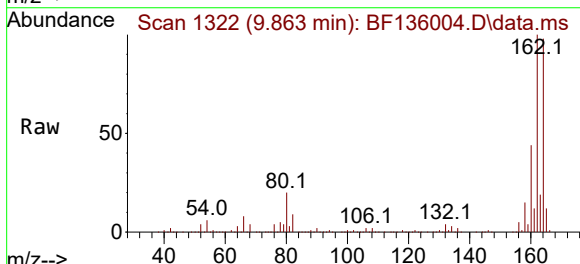
Instrument :
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ClientSampleId :
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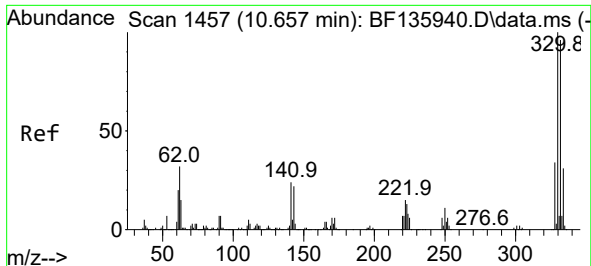
Tgt Ion:122 Resp: 65
Ion Ratio Lower Upper
122 100
105 523.2 113.1 153.1#
77 1154.6 75.2 115.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF136004.D
Acq: 28 Oct 2023 14:28

Tgt Ion:164 Resp: 341328
Ion Ratio Lower Upper
164 100
162 102.3 82.0 123.0
160 45.2 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 167.966 ng

RT: 10.657 min Scan# 1457

Delta R.T. 0.000 min

Lab File: BF136004.D

Acq: 28 Oct 2023 14:28

Instrument :

BNA_F

ClientSampleId :

PB156249TB

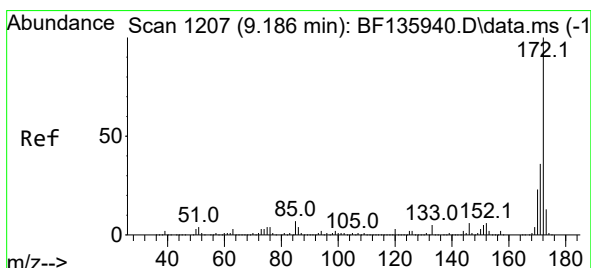
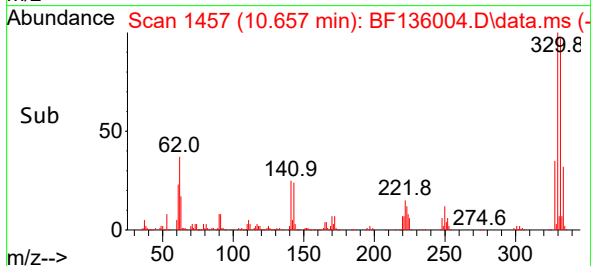
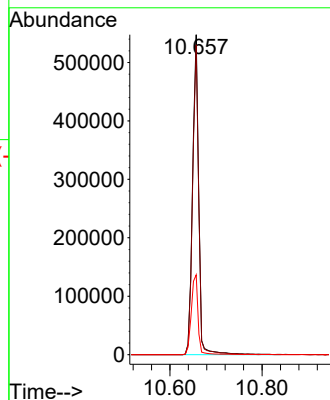
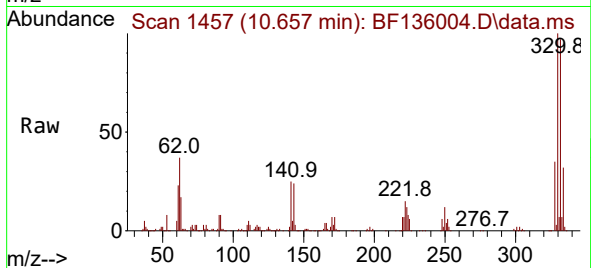
Tgt Ion:330 Resp: 501821

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.2

141 27.8 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 84.642 ng

RT: 9.186 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF136004.D

Acq: 28 Oct 2023 14:28

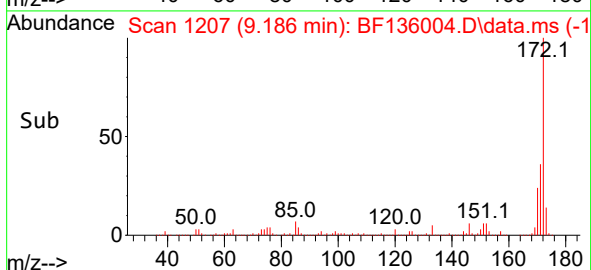
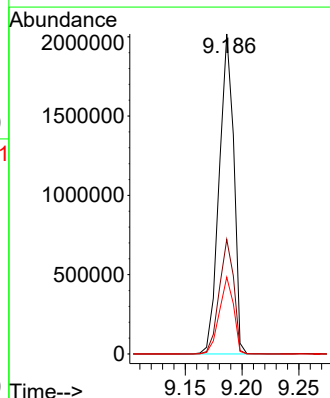
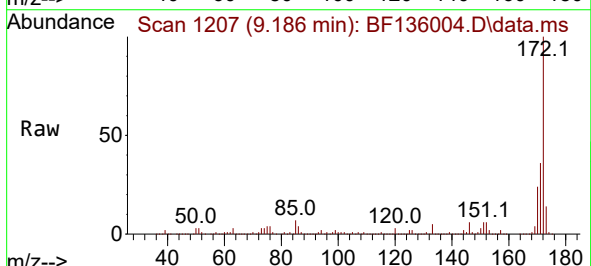
Tgt Ion:172 Resp: 1804254

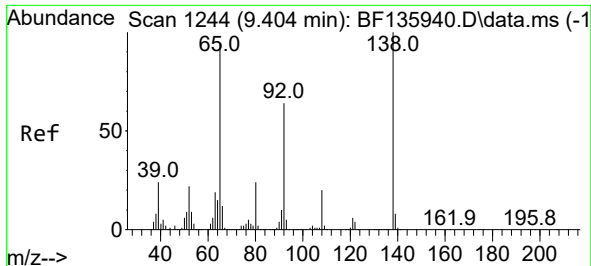
Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 24.0 18.6 28.0

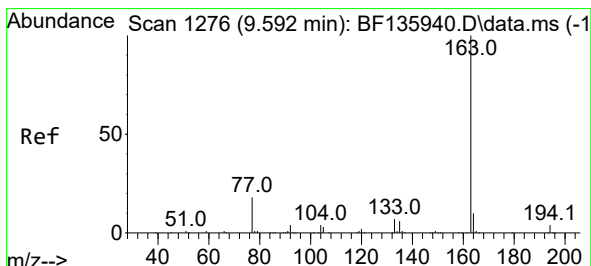
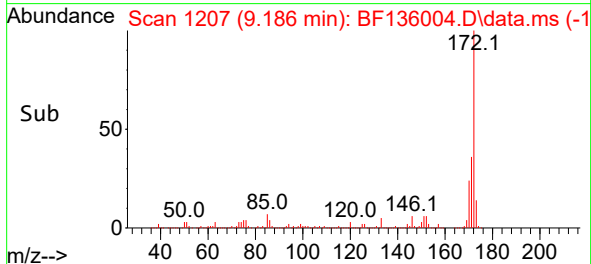
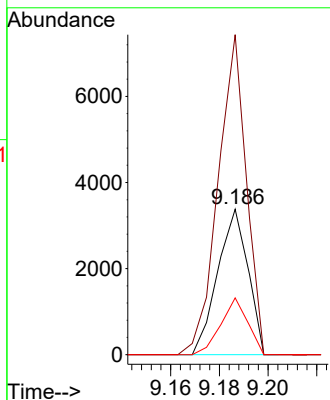
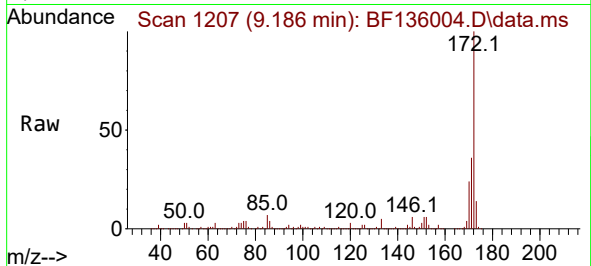




#48
2-Nitroaniline
Concen: 4.803 ng
RT: 9.186 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF136004.D
Acq: 28 Oct 2023 14:28

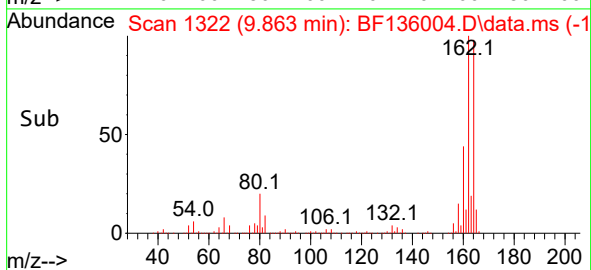
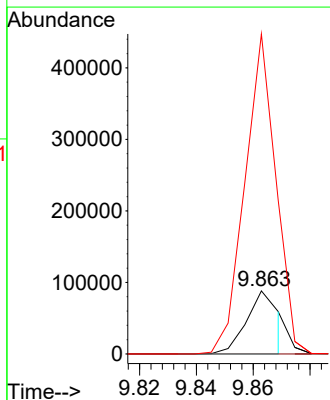
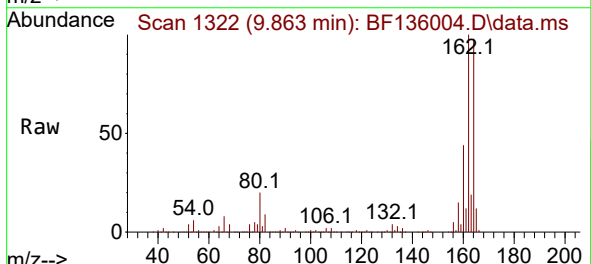
Instrument :
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PB156249TB

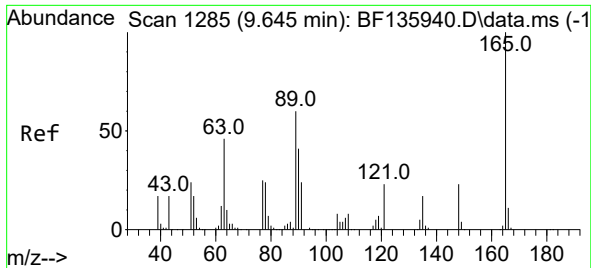
Tgt Ion: 65 Resp: 2920
Ion Ratio Lower Upper
65 100
92 220.1 54.9 82.3#
138 39.0 85.2 127.8#



#50
Dimethylphthalate
Concen: 3.132 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.271 min
Lab File: BF136004.D
Acq: 28 Oct 2023 14:28

Tgt Ion: 163 Resp: 69330
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 507.0 8.3 12.5#

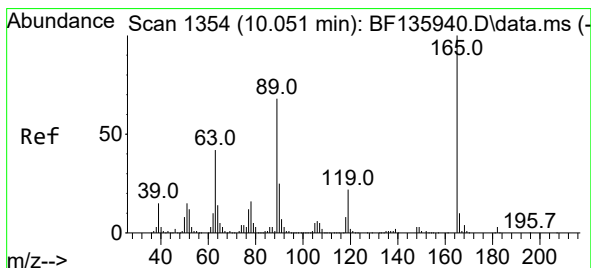
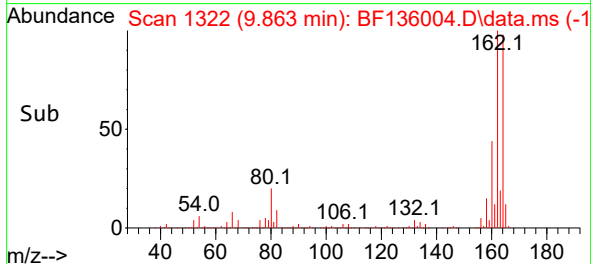
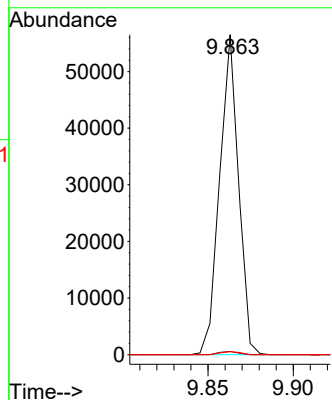
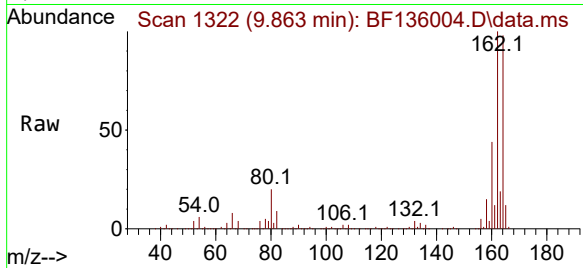




#51
2,6-Dinitrotoluene
Concen: 13.392 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF136004.D
Acq: 28 Oct 2023 14:28

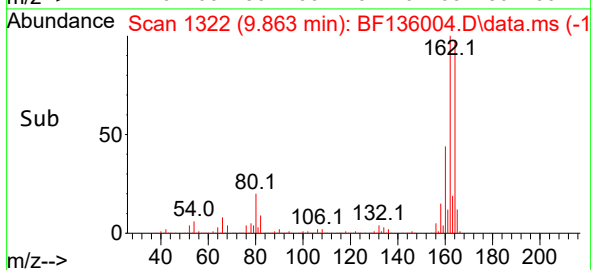
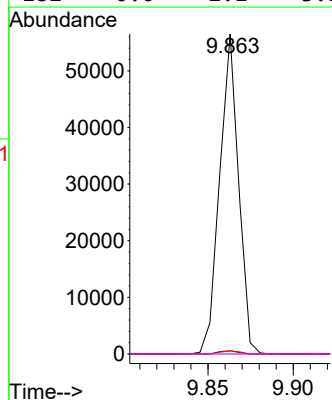
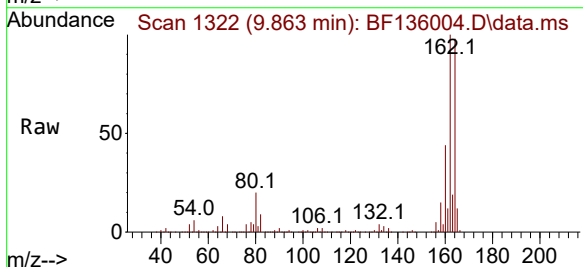
Instrument :
BNA_F
ClientSampleId :
PB156249TB

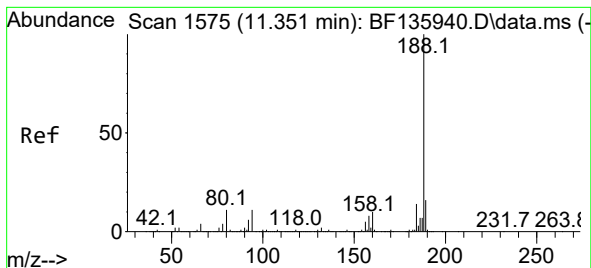
Tgt Ion:165 Resp: 43556
Ion Ratio Lower Upper
165 100
63 1.0 51.7 77.5#
89 0.9 48.3 72.5#



#57
2,4-Dinitrotoluene
Concen: 12.565 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.188 min
Lab File: BF136004.D
Acq: 28 Oct 2023 14:28

Tgt Ion:165 Resp: 43556
Ion Ratio Lower Upper
165 100
63 1.0 33.7 50.5#
89 0.9 54.6 81.8#
182 0.0 2.1 3.1#

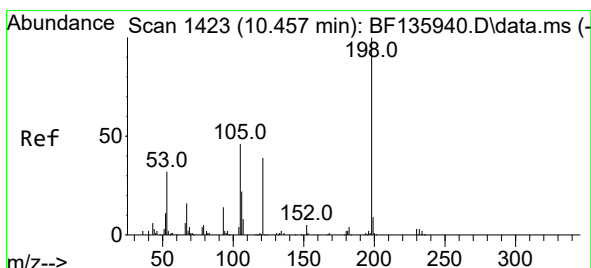
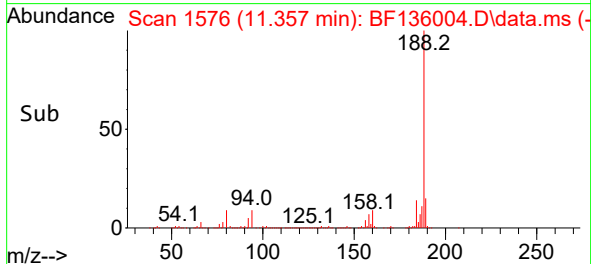
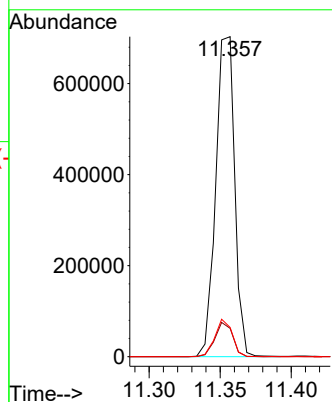
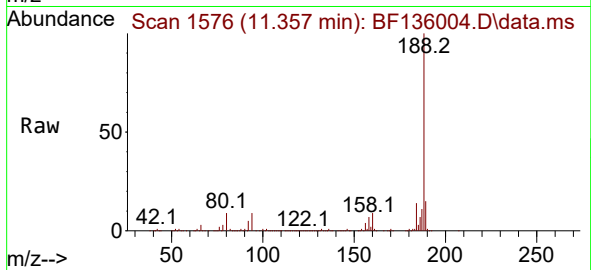




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136004.D
Acq: 28 Oct 2023 14:28

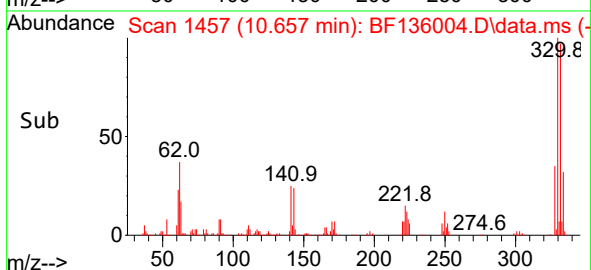
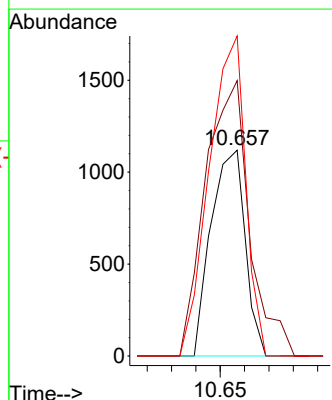
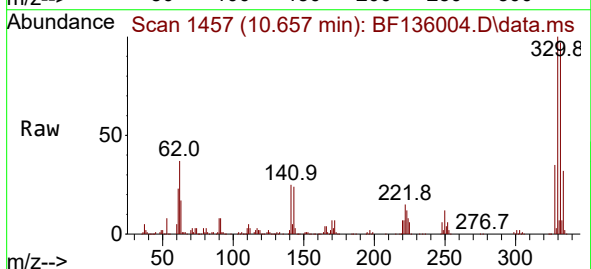
Instrument :
BNA_F
ClientSampleId :
PB156249TB

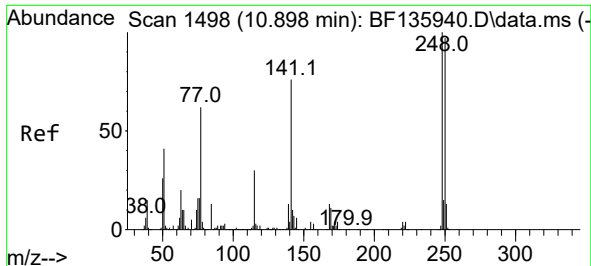
Tgt Ion:188 Resp: 650505
Ion Ratio Lower Upper
188 100
94 8.8 8.6 13.0
80 9.1 9.0 13.6



#65
4,6-Dinitro-2-methylphenol
Concen: 7.574 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.200 min
Lab File: BF136004.D
Acq: 28 Oct 2023 14:28

Tgt Ion:198 Resp: 1088
Ion Ratio Lower Upper
198 100
51 133.8 28.7 68.7#
105 155.4 27.2 67.2#

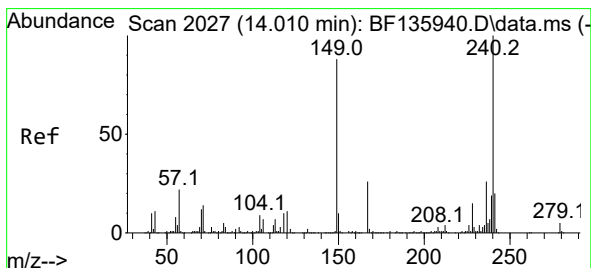
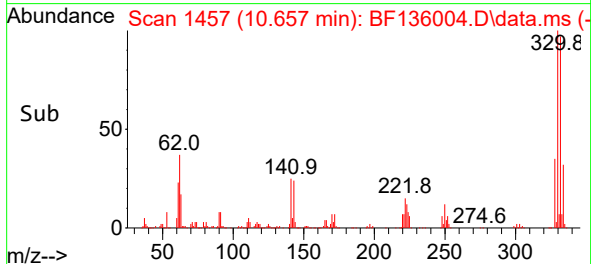
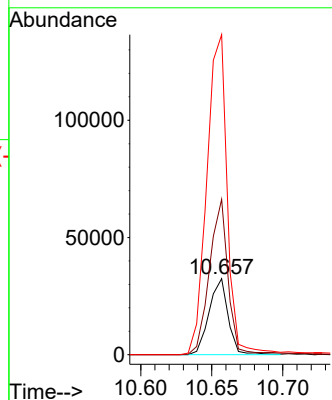
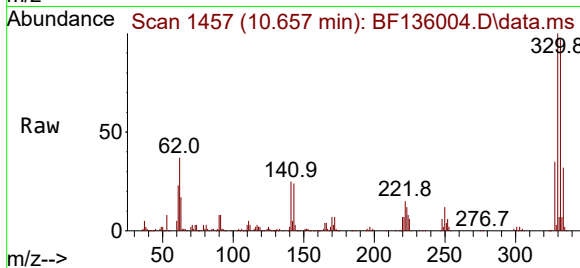




#67
4-Bromophenyl-phenylether
Concen: 4.566 ng
RT: 10.657 min Scan# 1498
Delta R.T. -0.241 min
Lab File: BF136004.D
Acq: 28 Oct 2023 14:28

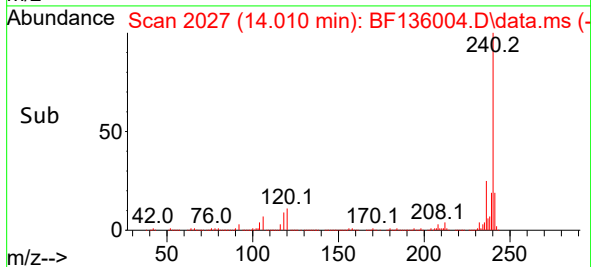
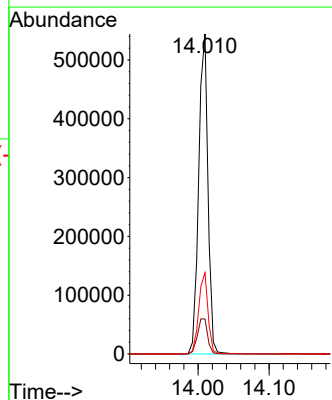
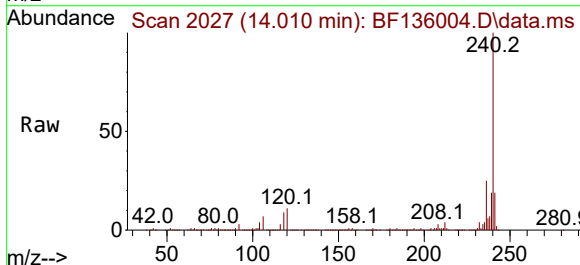
Instrument :
BNA_F
ClientSampleId :
PB156249TB

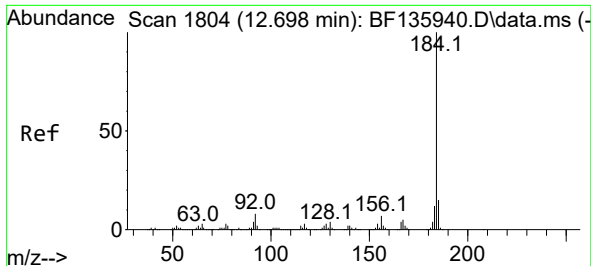
Tgt Ion:248 Resp: 30418
Ion Ratio Lower Upper
248 100
250 204.4 77.9 116.9#
141 421.1 60.8 91.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF136004.D
Acq: 28 Oct 2023 14:28

Tgt Ion:240 Resp: 495228
Ion Ratio Lower Upper
240 100
120 11.0 8.6 13.0
236 25.4 20.6 30.8

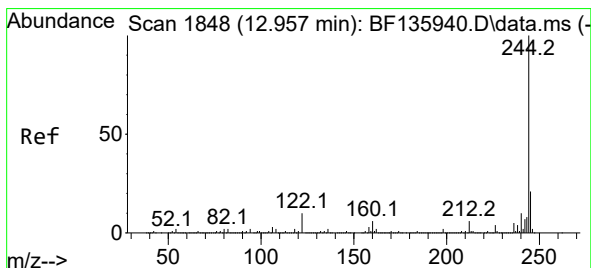
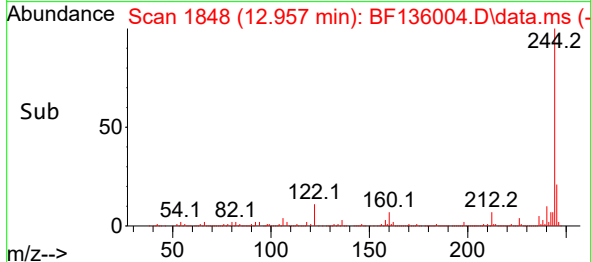
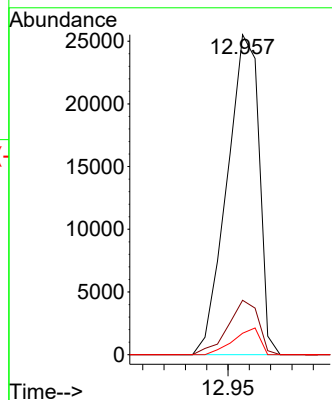
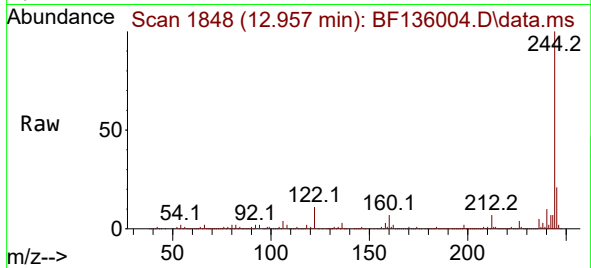




#77
Benzidine
Concen: 2.790 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.259 min
Lab File: BF136004.D
Acq: 28 Oct 2023 14:28

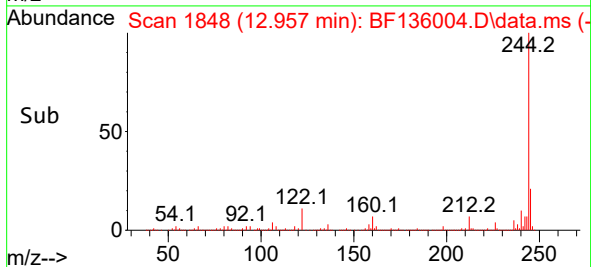
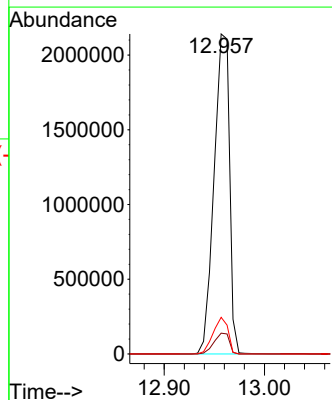
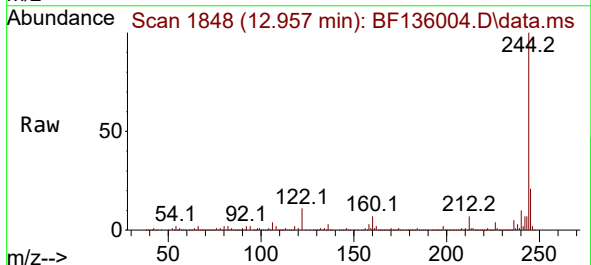
Instrument :
BNA_F
ClientSampleId :
PB156249TB

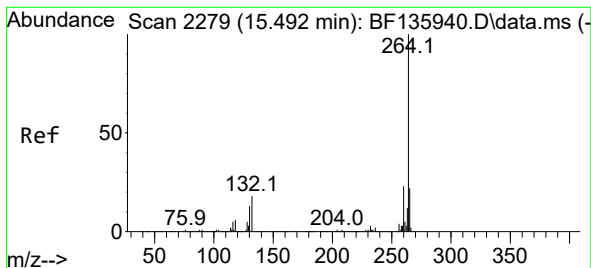
Tgt Ion:184 Resp: 26644
Ion Ratio Lower Upper
184 100
185 17.0 11.7 17.5
183 6.7 9.2 13.8#



#79
Terphenyl-d14
Concen: 77.450 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.000 min
Lab File: BF136004.D
Acq: 28 Oct 2023 14:28

Tgt Ion:244 Resp: 2295674
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.6
122 11.5 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136004.D

Acq: 28 Oct 2023 14:28

Instrument :

BNA_F

ClientSampleId :

PB156249TB

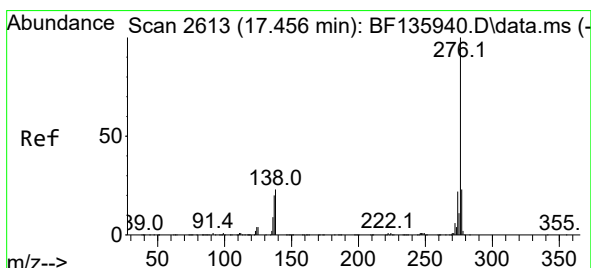
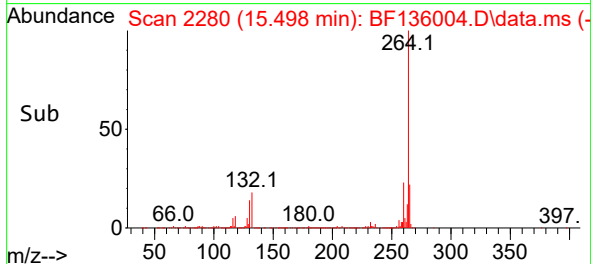
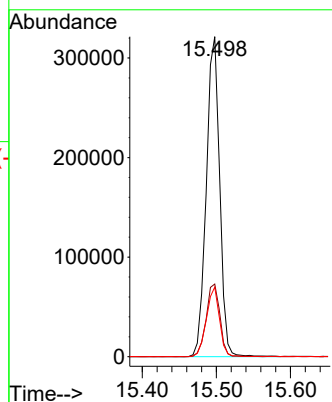
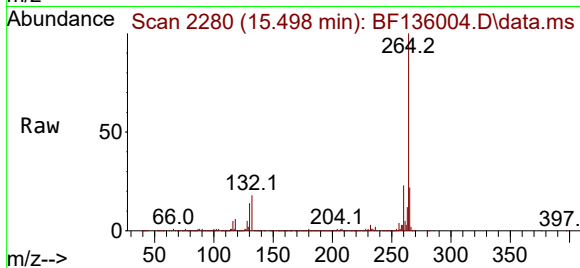
Tgt Ion:264 Resp: 403237

Ion Ratio Lower Upper

264 100

260 22.7 18.6 28.0

265 21.8 17.3 25.9



#92

Benzo(g,h,i)perylene

Concen: 3.801 ng

RT: 17.451 min Scan# 2612

Delta R.T. -0.005 min

Lab File: BF136004.D

Acq: 28 Oct 2023 14:28

Tgt Ion:276 Resp: 1033

Ion Ratio Lower Upper

276 100

277 60.5 18.6 28.0#

138 33.2 18.4 27.6#

