

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021623\
 Data File : BF132442.D
 Acq On : 16 Feb 2023 19:53
 Operator : CG\JU
 Sample : 01553-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-06

Quant Time: Feb 17 04:45:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 03:08:40 2023
 Response via : Initial Calibration

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

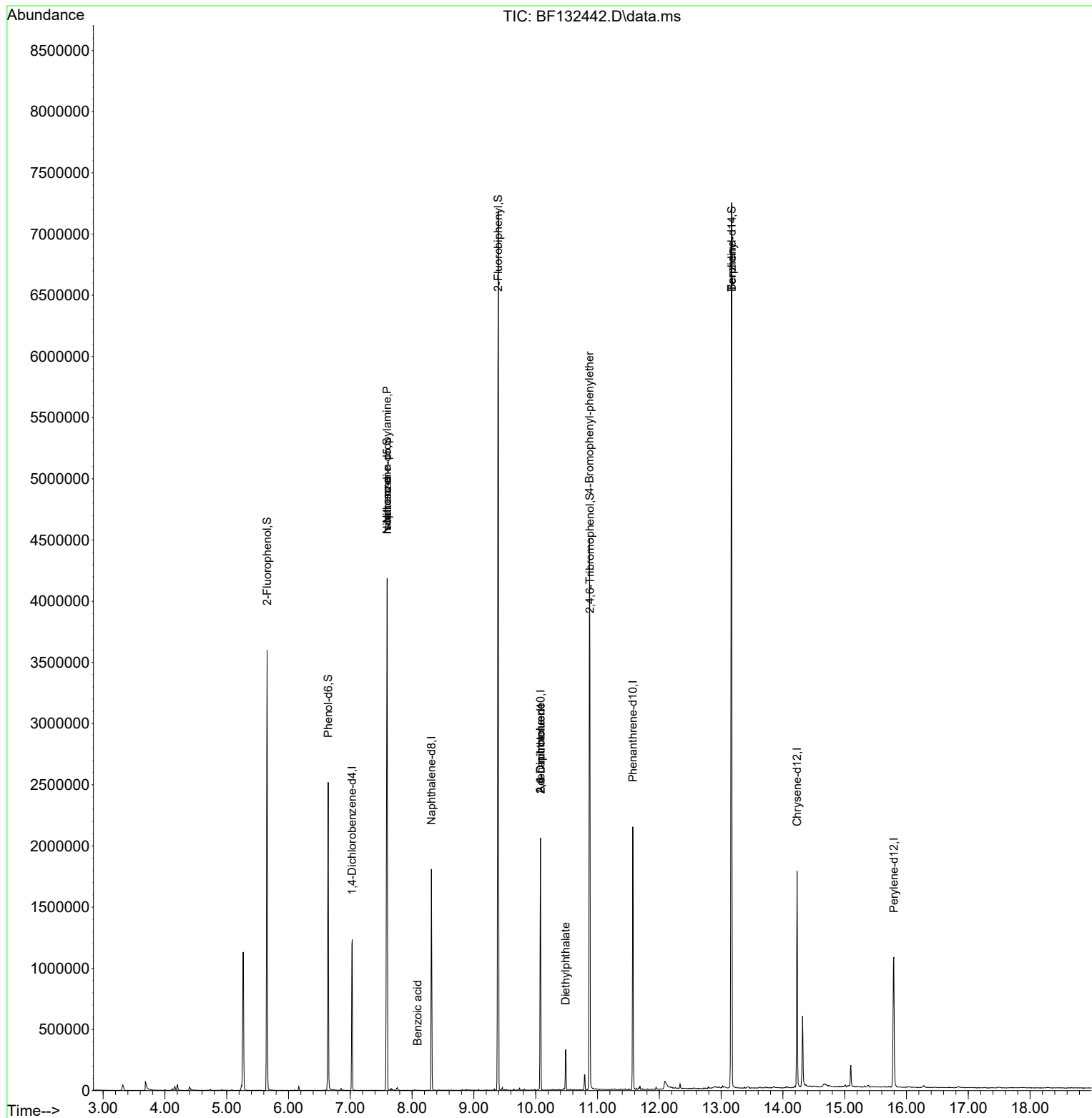
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	185053	20.000	ng	0.00
21) Naphthalene-d8	8.313	136	694315	20.000	ng	0.00
39) Acenaphthene-d10	10.077	164	372548	20.000	ng	0.00
64) Phenanthrene-d10	11.571	188	729243	20.000	ng	0.00
76) Chrysene-d12	14.230	240	565322	20.000	ng	-0.01
86) Perylene-d12	15.795	264	520142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	924927	80.089	ng	0.00
7) Phenol-d6	6.642	99	787868	52.246	ng	0.00
23) Nitrobenzene-d5	7.595	82	1462423	101.205	ng	0.00
42) 2,4,6-Tribromophenol	10.877	330	551032	148.244	ng	0.00
45) 2-Fluorobiphenyl	9.395	172	2176440	90.219	ng	0.00
79) Terphenyl-d14	13.171	244	2714179	87.438	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.595	70	198371	21.458	ng	# 79
25) Isophorone	7.595	82	1462384	51.503	ng	# 68
32) Benzoic acid	8.089	122	62	7.156	ng	# 28
51) 2,6-Dinitrotoluene	10.077	165	48298	8.095	ng	# 20
57) 2,4-Dinitrotoluene	10.077	165	48298	6.150	ng	# 20
60) Diethylphthalate	10.483	149	112219	4.161	ng	# 98
67) 4-Bromophenyl-phenylether	10.872	248	37625	4.708	ng	# 1
77) Benzidine	13.171	184	41893	3.480	ng	# 92

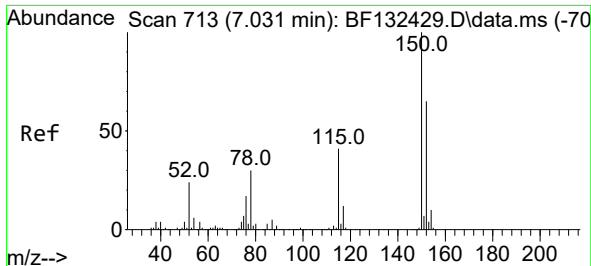
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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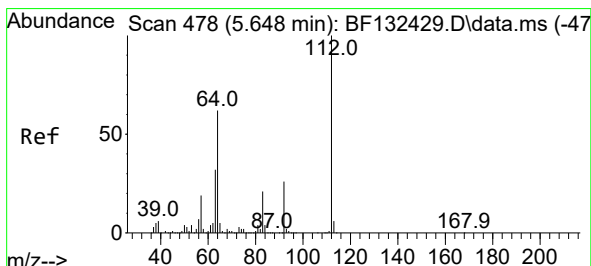
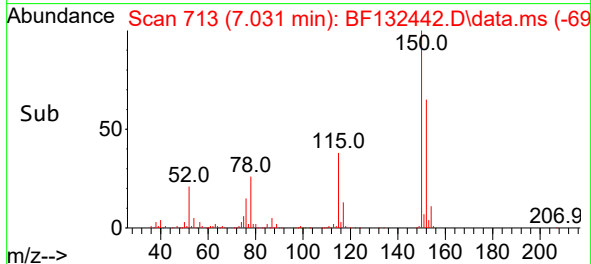
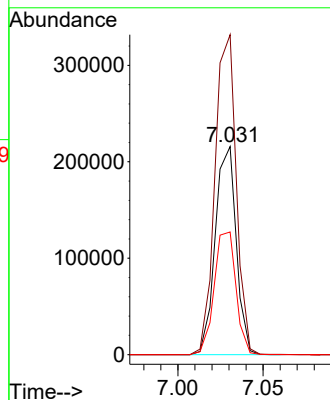
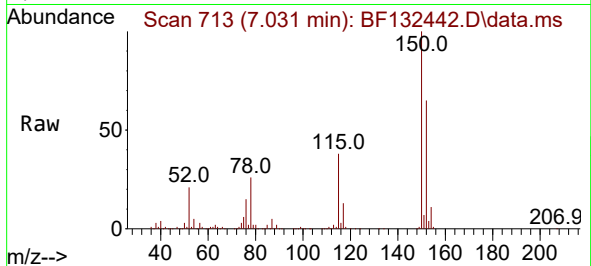




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.031 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132442.D
Acq: 16 Feb 2023 19:53

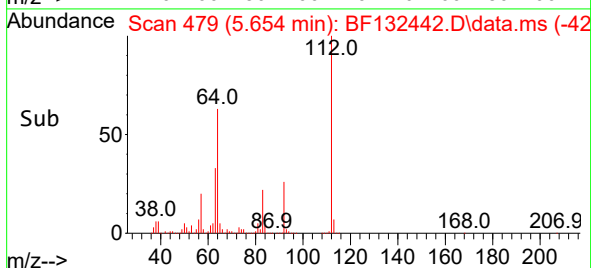
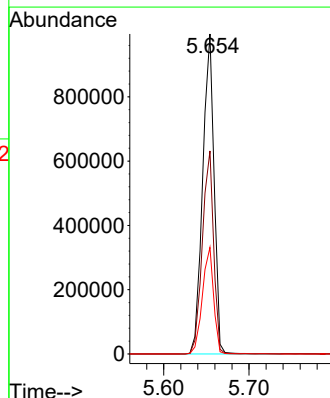
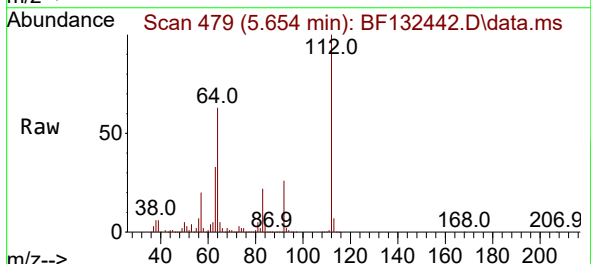
Instrument :
BNA_F
ClientSampleId :
TWP-06

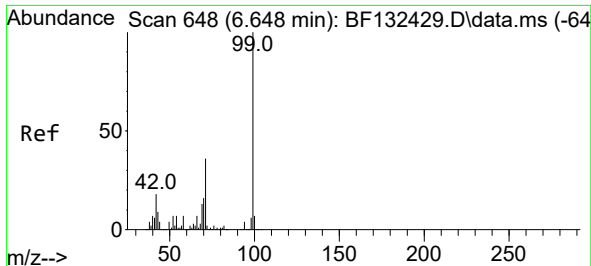
Tgt Ion:152 Resp: 185053
Ion Ratio Lower Upper
152 100
150 153.7 123.8 185.8
115 59.0 50.4 75.6



#5
2-Fluorophenol
Concen: 80.089 ng
RT: 5.654 min Scan# 479
Delta R.T. 0.006 min
Lab File: BF132442.D
Acq: 16 Feb 2023 19:53

Tgt Ion:112 Resp: 924927
Ion Ratio Lower Upper
112 100
64 63.5 49.7 74.5
63 33.3 25.8 38.8

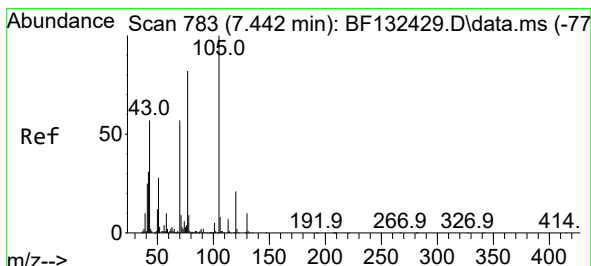
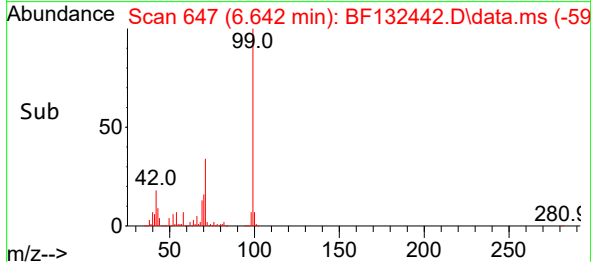
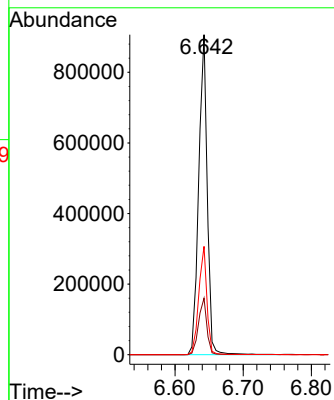
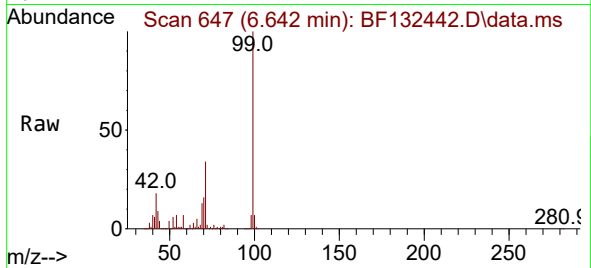




#7
Phenol-d6
Concen: 52.246 ng
RT: 6.642 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF132442.D
Acq: 16 Feb 2023 19:53

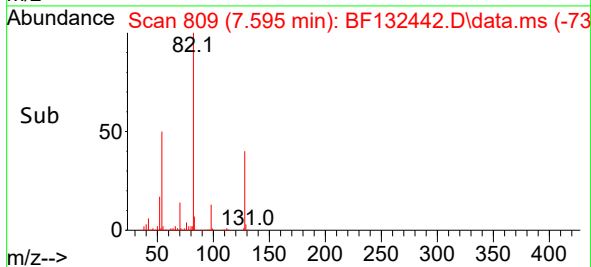
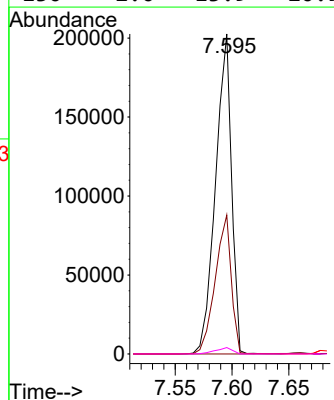
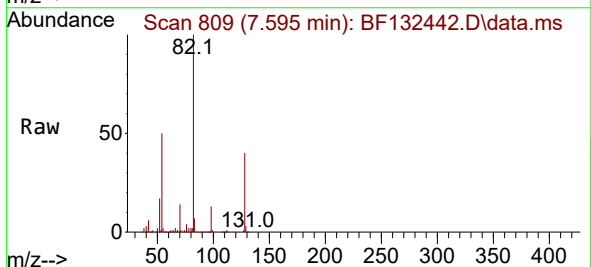
Instrument :
BNA_F
ClientSampleId :
TWP-06

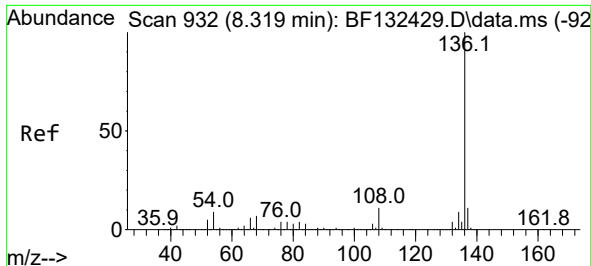
Tgt Ion: 99 Resp: 787868
Ion Ratio Lower Upper
99 100
42 17.7 14.6 21.8
71 33.9 28.7 43.1



#19
n-Nitroso-di-n-propylamine
Concen: 21.458 ng
RT: 7.595 min Scan# 809
Delta R.T. 0.153 min
Lab File: BF132442.D
Acq: 16 Feb 2023 19:53

Tgt Ion: 70 Resp: 198371
Ion Ratio Lower Upper
70 100
42 43.4 43.5 65.3#
101 0.0 7.3 10.9#
130 2.0 13.9 20.9#



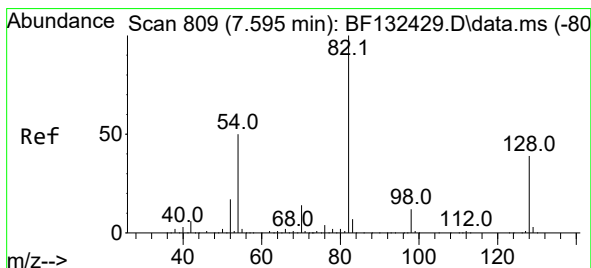
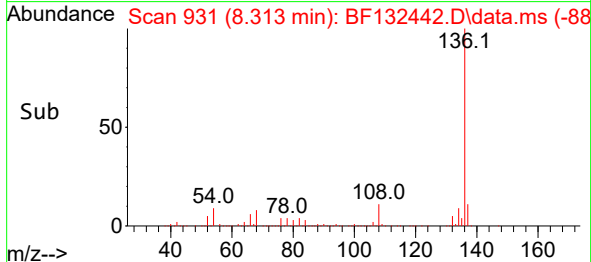
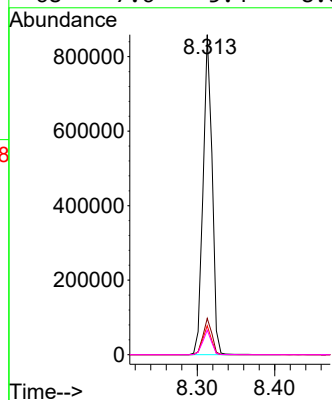
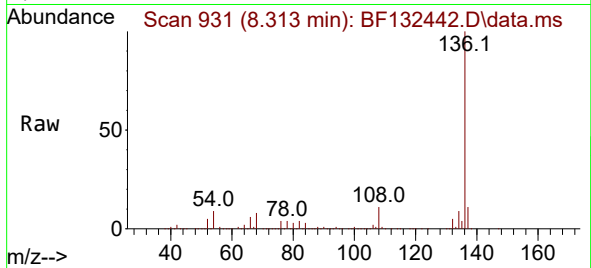


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.313 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132442.D
Acq: 16 Feb 2023 19:53

Instrument :
BNA_F
ClientSampleId :
TWP-06

Tgt Ion:136 Resp: 694315

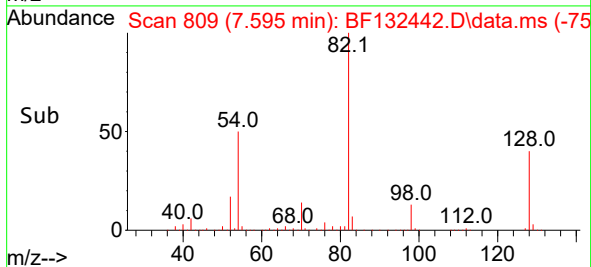
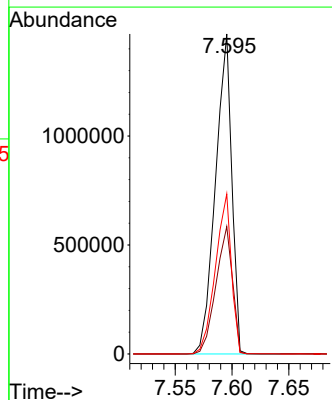
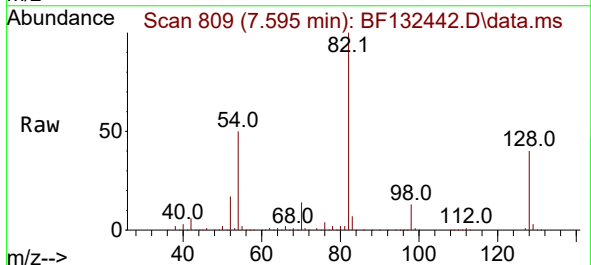
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	9.0	6.9	10.3
68	7.6	5.4	8.0

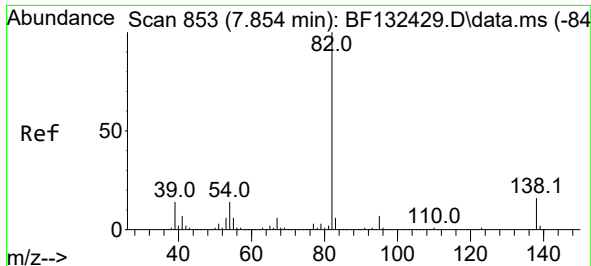


#23
Nitrobenzene-d5
Concen: 101.205 ng
RT: 7.595 min Scan# 809
Delta R.T. -0.000 min
Lab File: BF132442.D
Acq: 16 Feb 2023 19:53

Tgt Ion: 82 Resp: 1462423

Ion	Ratio	Lower	Upper
82	100		
128	39.8	30.8	46.2
54	50.0	40.2	60.4

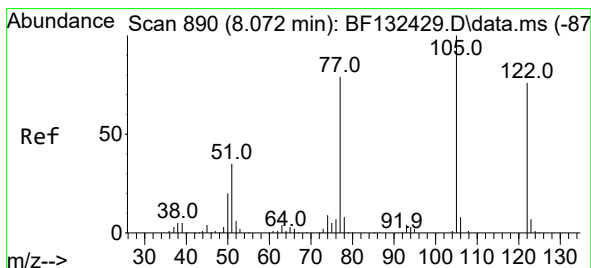
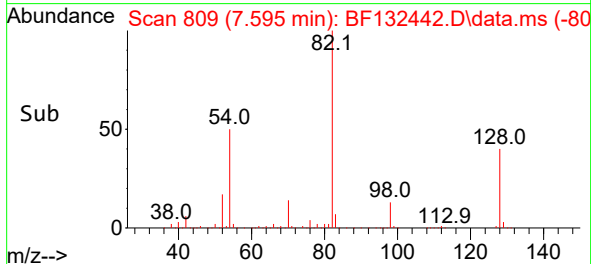
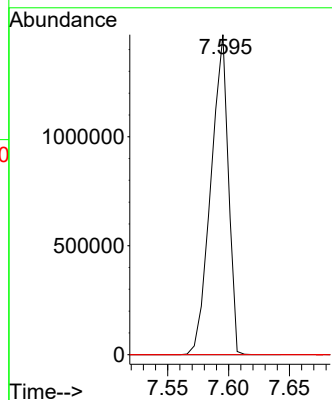
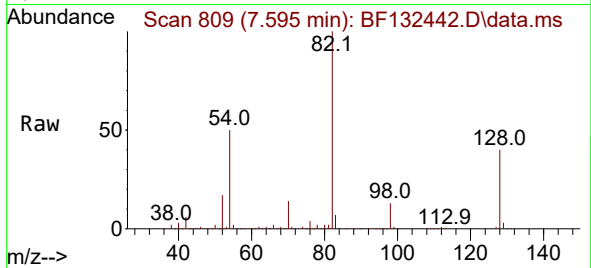




#25
Isophorone
Concen: 51.503 ng
RT: 7.595 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF132442.D
Acq: 16 Feb 2023 19:53

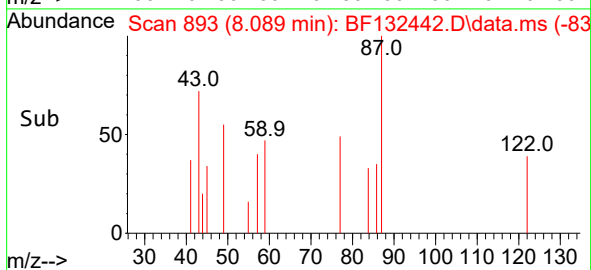
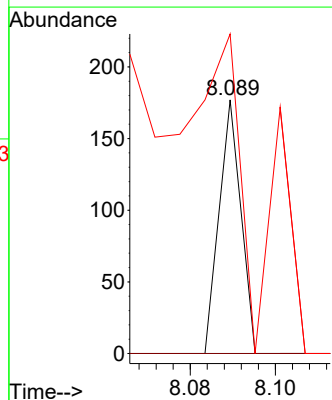
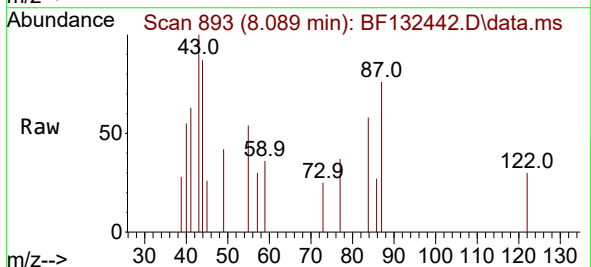
Instrument :
BNA_F
ClientSampleId :
TWP-06

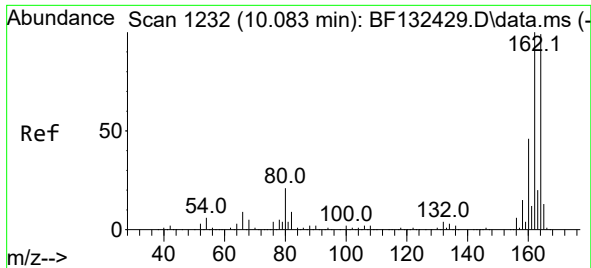
Tgt Ion: 82 Resp: 1462384
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 7.156 ng
RT: 8.089 min Scan# 893
Delta R.T. 0.017 min
Lab File: BF132442.D
Acq: 16 Feb 2023 19:53

Tgt Ion: 122 Resp: 62
Ion Ratio Lower Upper
122 100
105 0.0 109.7 149.7#
77 126.0 83.8 123.8#

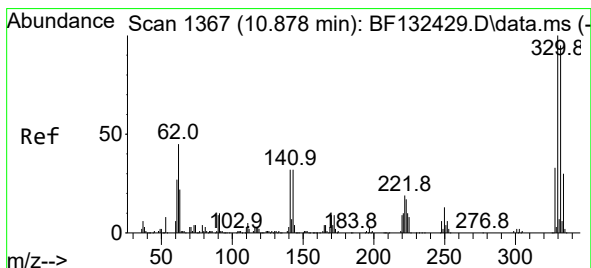
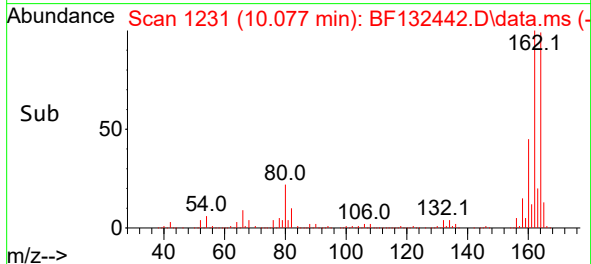
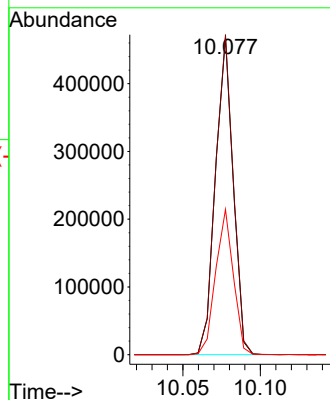
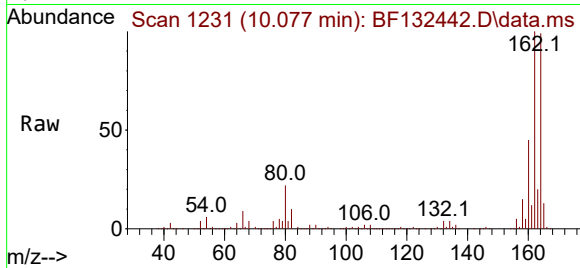




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.077 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BF132442.D
Acq: 16 Feb 2023 19:53

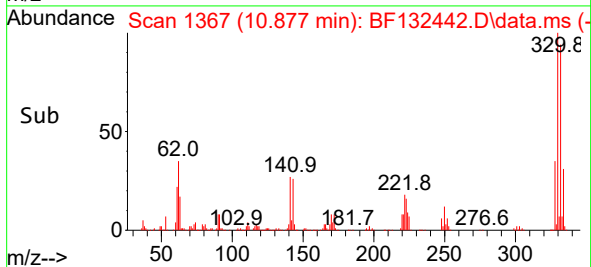
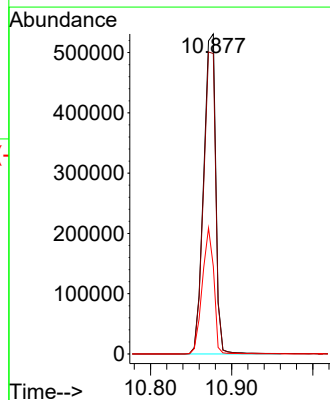
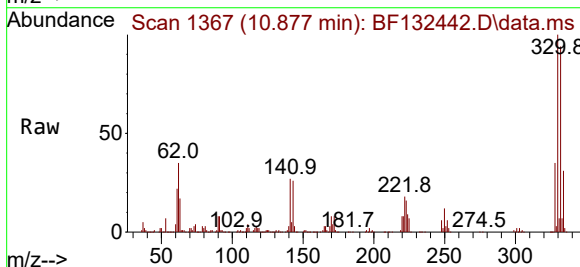
Instrument :
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ClientSampleId :
TWP-06

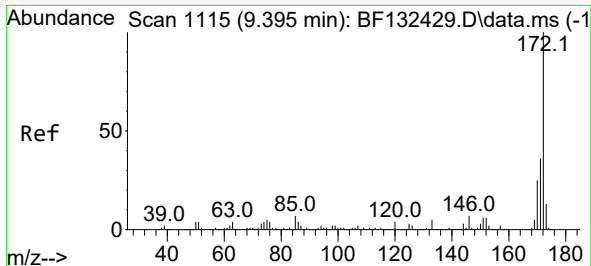
Tgt Ion:164 Resp: 372548
Ion Ratio Lower Upper
164 100
162 100.8 80.8 121.2
160 45.8 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 148.244 ng
RT: 10.877 min Scan# 1367
Delta R.T. -0.000 min
Lab File: BF132442.D
Acq: 16 Feb 2023 19:53

Tgt Ion:330 Resp: 551032
Ion Ratio Lower Upper
330 100
332 95.1 76.3 114.5
141 37.2 30.3 45.5





#45

2-Fluorobiphenyl

Concen: 90.219 ng

RT: 9.395 min Scan# 1115

Delta R.T. 0.000 min

Lab File: BF132442.D

Acq: 16 Feb 2023 19:53

Instrument :

BNA_F

ClientSampleId :

TWP-06

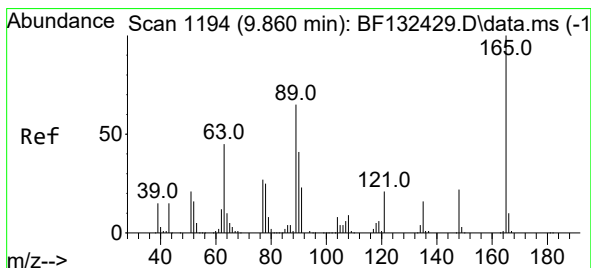
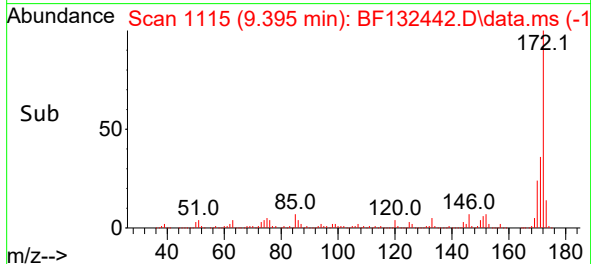
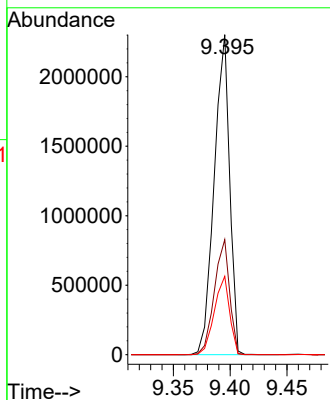
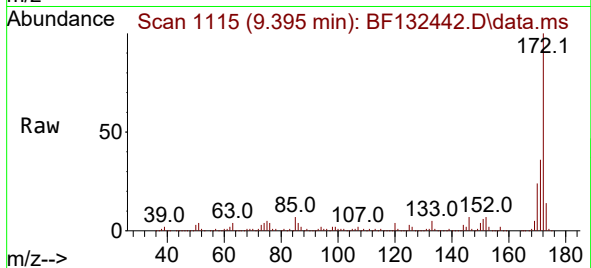
Tgt Ion:172 Resp: 2176440

Ion Ratio Lower Upper

172 100

171 35.9 28.6 42.8

170 24.5 19.9 29.9



#51

2,6-Dinitrotoluene

Concen: 8.095 ng

RT: 10.077 min Scan# 1231

Delta R.T. 0.218 min

Lab File: BF132442.D

Acq: 16 Feb 2023 19:53

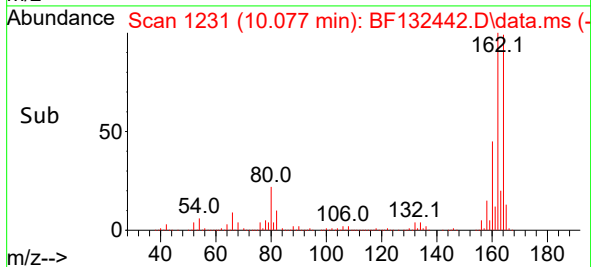
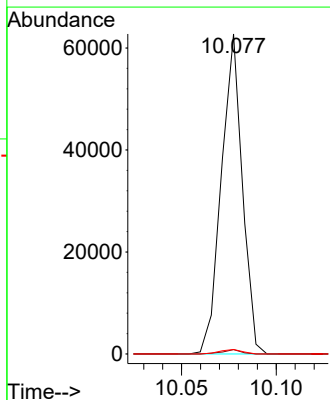
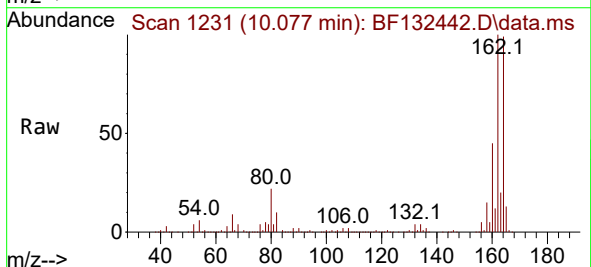
Tgt Ion:165 Resp: 48298

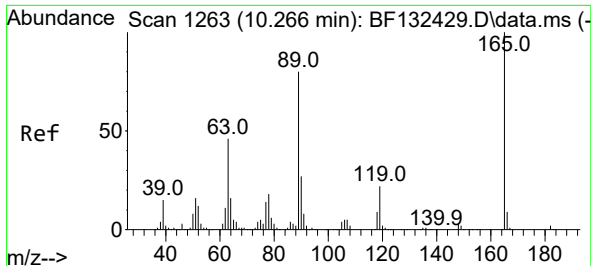
Ion Ratio Lower Upper

165 100

63 1.4 50.4 75.6#

89 1.4 52.2 78.2#

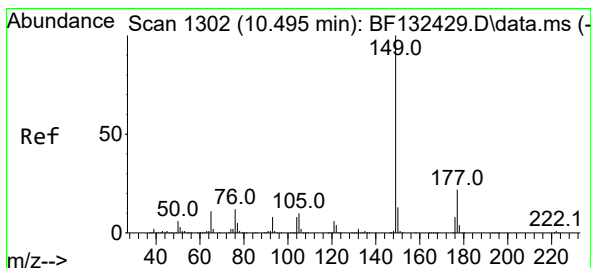
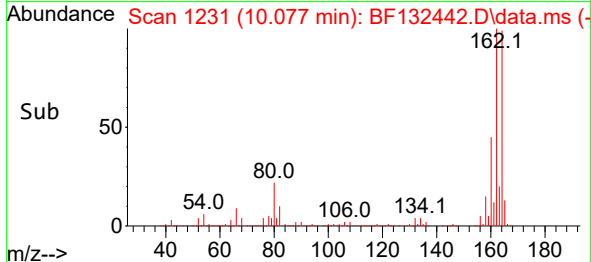
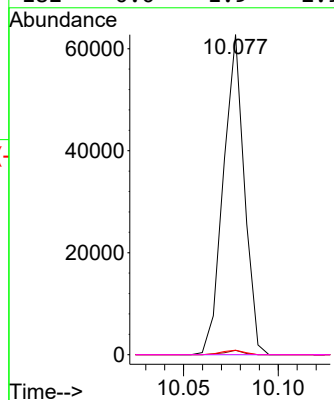
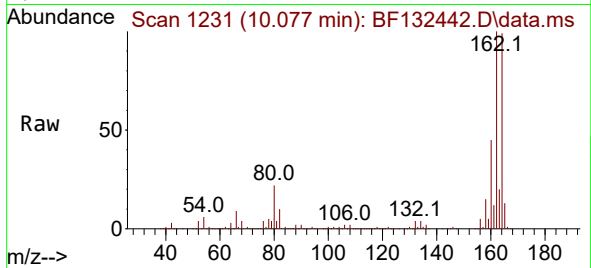




#57
2,4-Dinitrotoluene
Concen: 6.150 ng
RT: 10.077 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF132442.D
Acq: 16 Feb 2023 19:53

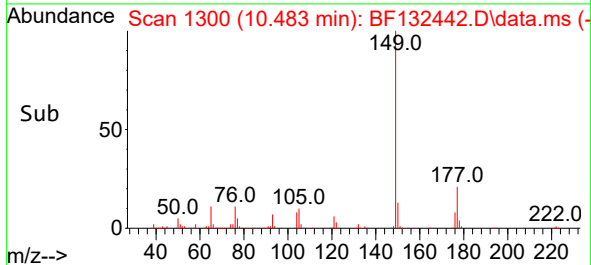
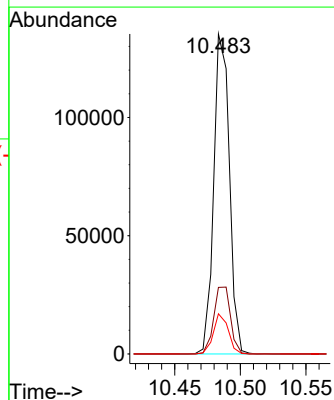
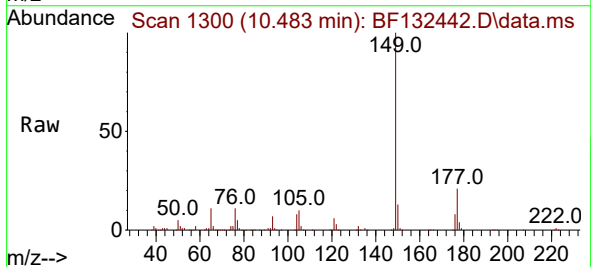
Instrument :
BNA_F
ClientSampleId :
TWP-06

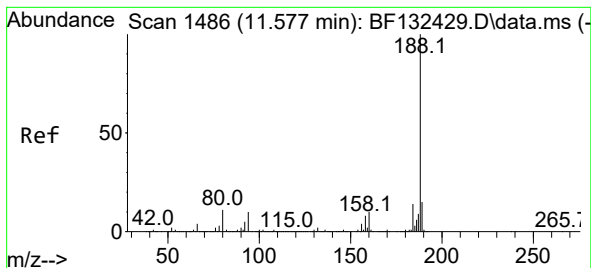
Tgt Ion:165 Resp: 48298
Ion Ratio Lower Upper
165 100
63 1.4 37.1 55.7#
89 1.4 63.6 95.4#
182 0.0 1.9 2.9#



#60
Diethylphthalate
Concen: 4.161 ng
RT: 10.483 min Scan# 1300
Delta R.T. -0.012 min
Lab File: BF132442.D
Acq: 16 Feb 2023 19:53

Tgt Ion:149 Resp: 112219
Ion Ratio Lower Upper
149 100
177 20.8 17.8 26.8
150 12.6 10.0 15.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.571 min Scan# 1486

Delta R.T. -0.006 min

Lab File: BF132442.D

Acq: 16 Feb 2023 19:53

Instrument :

BNA_F

ClientSampleId :

TWP-06

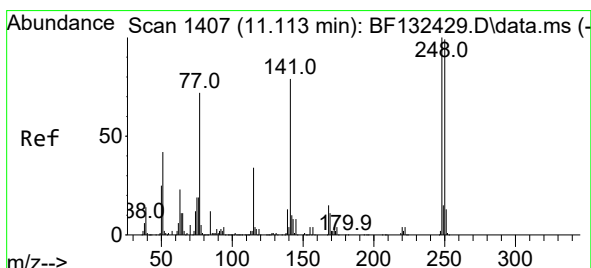
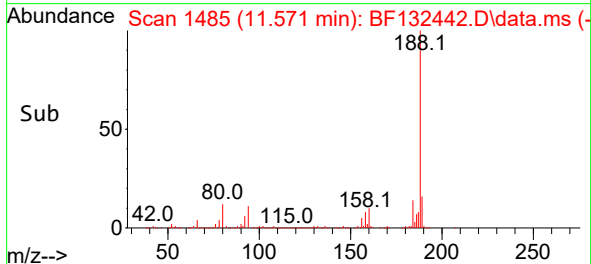
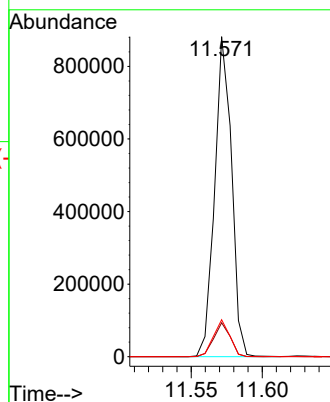
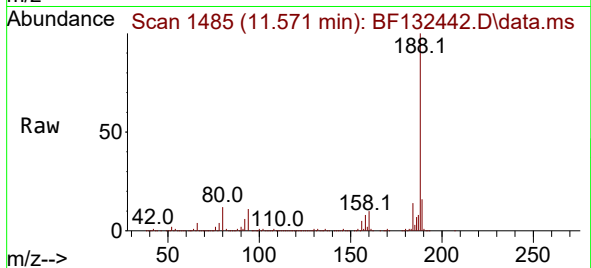
Tgt Ion:188 Resp: 729243

Ion Ratio Lower Upper

188 100

94 10.6 8.0 12.0

80 11.6 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 4.708 ng

RT: 10.872 min Scan# 1366

Delta R.T. -0.241 min

Lab File: BF132442.D

Acq: 16 Feb 2023 19:53

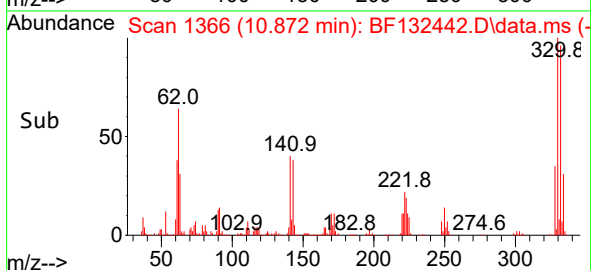
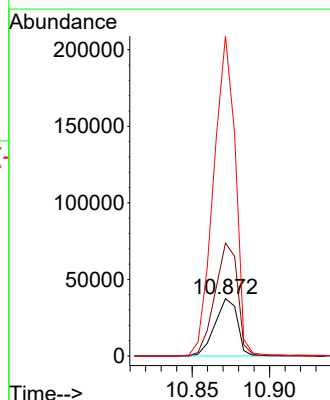
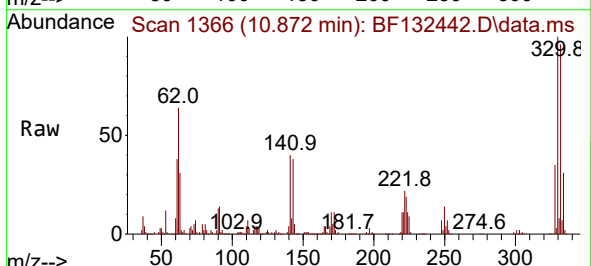
Tgt Ion:248 Resp: 37625

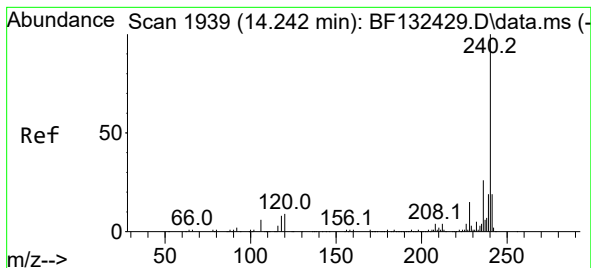
Ion Ratio Lower Upper

248 100

250 197.3 79.0 118.4#

141 558.9 63.3 94.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.230 min Scan# 1937

Delta R.T. -0.012 min

Lab File: BF132442.D

Acq: 16 Feb 2023 19:53

Instrument :

BNA_F

ClientSampleId :

TWP-06

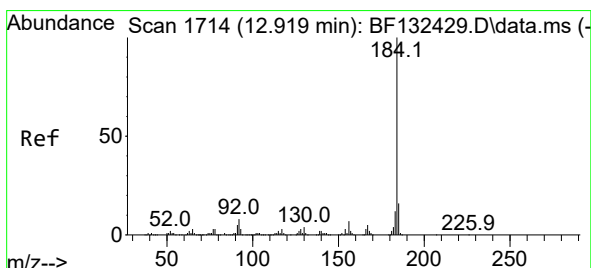
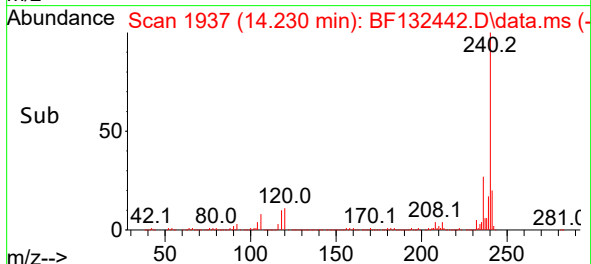
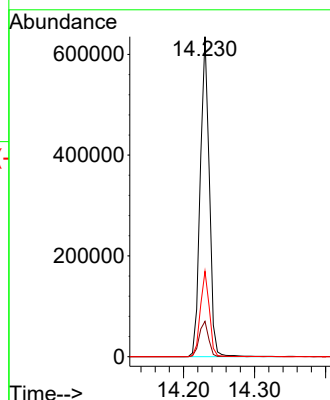
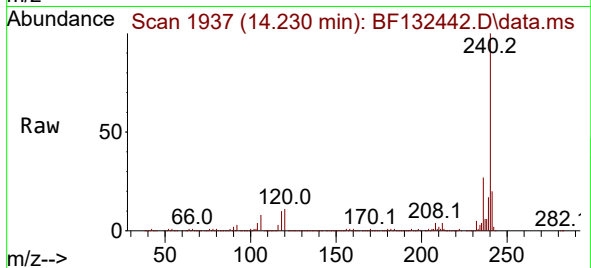
Tgt Ion:240 Resp: 565322

Ion Ratio Lower Upper

240 100

120 11.1 7.5 11.3

236 26.7 21.0 31.6



#77

Benzidine

Concen: 3.480 ng

RT: 13.171 min Scan# 1757

Delta R.T. 0.253 min

Lab File: BF132442.D

Acq: 16 Feb 2023 19:53

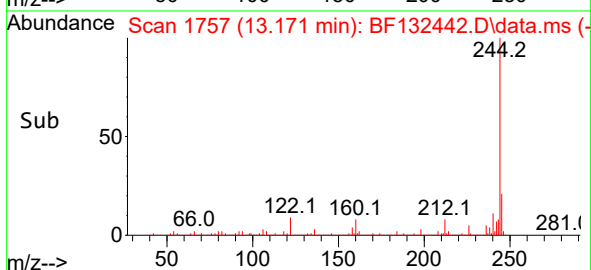
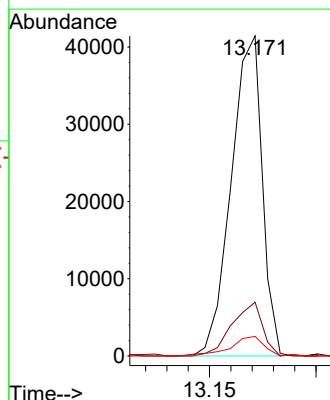
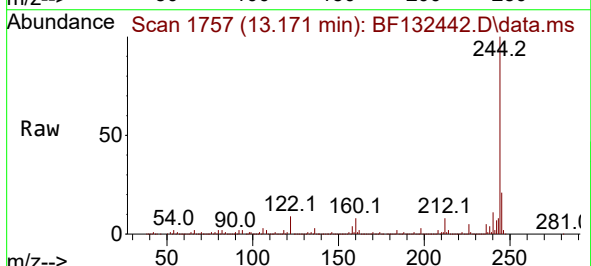
Tgt Ion:184 Resp: 41893

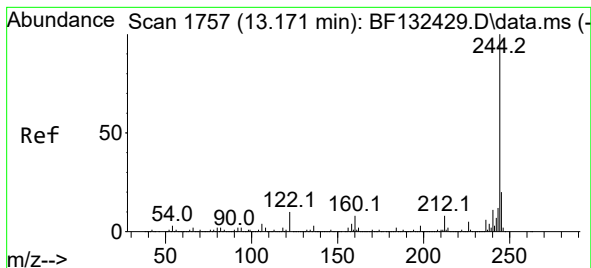
Ion Ratio Lower Upper

184 100

185 16.8 12.4 18.6

183 6.1 9.2 13.8#





#79

Terphenyl-d14

Concen: 87.438 ng

RT: 13.171 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF132442.D

Acq: 16 Feb 2023 19:53

Instrument :

BNA_F

ClientSampleId :

TWP-06

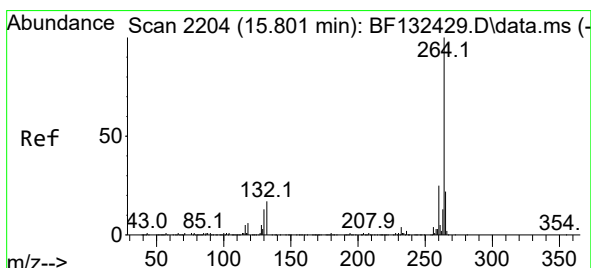
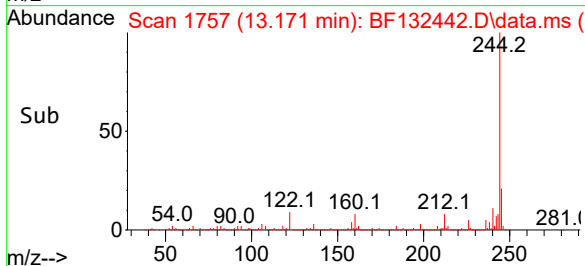
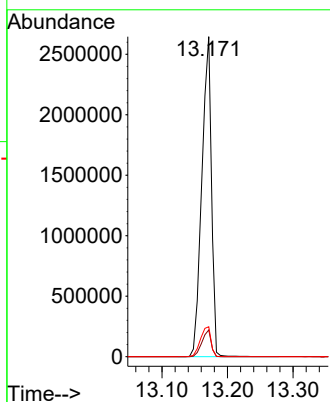
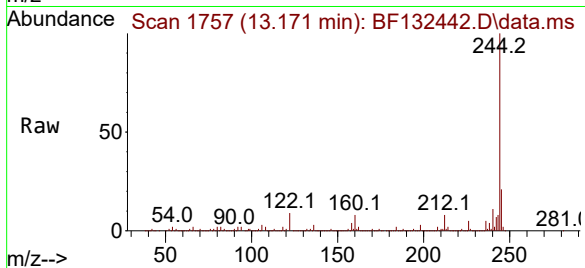
Tgt Ion:244 Resp: 2714179

Ion Ratio Lower Upper

244 100

212 8.4 6.7 10.1

122 9.4 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.795 min Scan# 2203

Delta R.T. -0.006 min

Lab File: BF132442.D

Acq: 16 Feb 2023 19:53

Tgt Ion:264 Resp: 520142

Ion Ratio Lower Upper

264 100

260 25.0 20.0 30.0

265 21.3 17.2 25.8

