

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021623\
 Data File : BF132441.D
 Acq On : 16 Feb 2023 19:19
 Operator : CG\JU
 Sample : 01553-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-01-DUP

Quant Time: Feb 17 04:45:08 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)

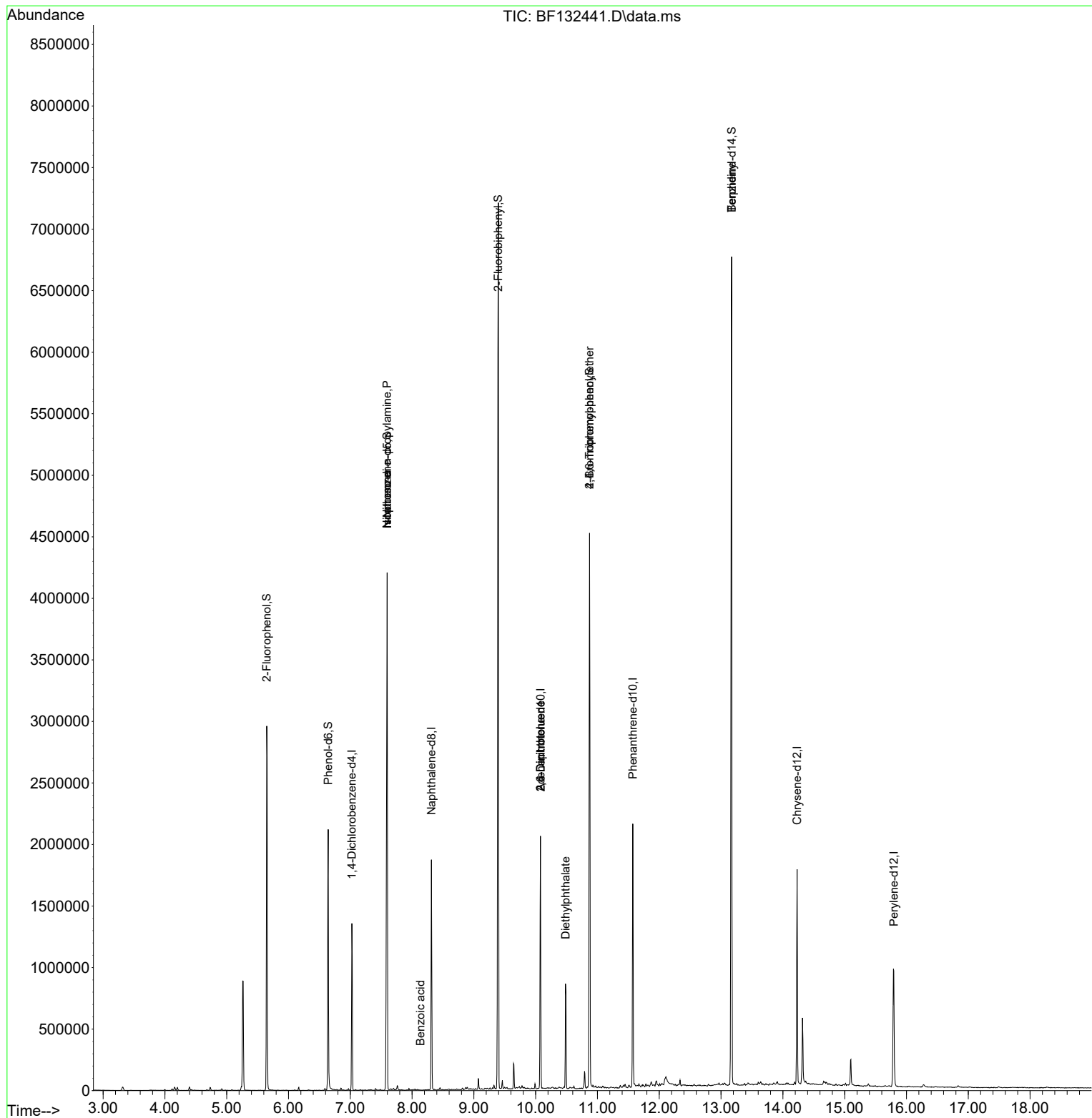
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.025	152	191998	20.000	ng	0.00
21) Naphthalene-d8	8.313	136	713254	20.000	ng	0.00
39) Acenaphthene-d10	10.078	164	380331	20.000	ng	0.00
64) Phenanthrene-d10	11.572	188	730368	20.000	ng	0.00
76) Chrysene-d12	14.230	240	551380	20.000	ng	#-0.01
86) Perylene-d12	15.795	264	475313	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	820358	68.465	ng	0.00
7) Phenol-d6	6.643	99	711975	45.506	ng	0.00
23) Nitrobenzene-d5	7.595	82	1517994	102.262	ng	0.00
42) 2,4,6-Tribromophenol	10.872	330	536889	141.483	ng	0.00
45) 2-Fluorobiphenyl	9.395	172	2212012	89.817	ng	0.00
79) Terphenyl-d14	13.172	244	2578425	85.165	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.595	70	205150	21.388	ng	# 79
25) Isophorone	7.595	82	1516277	51.983	ng	# 68
32) Benzoic acid	8.137	122	73	7.157	ng	88
51) 2,6-Dinitrotoluene	10.078	165	49143	8.068	ng	# 20
57) 2,4-Dinitrotoluene	10.078	165	49143	6.129	ng	# 20
60) Diethylphthalate	10.484	149	296368	10.764	ng	99
67) 4-Bromophenyl-phenylether	10.872	248	36557	4.567	ng	# 1
77) Benzidine	13.172	184	40385	3.440	ng	# 94

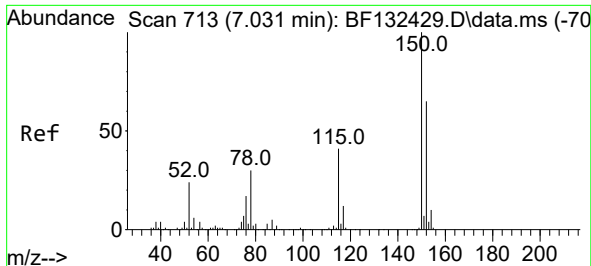
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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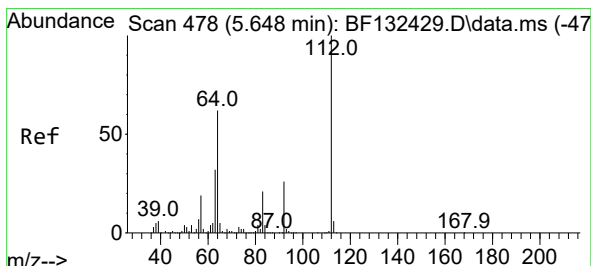
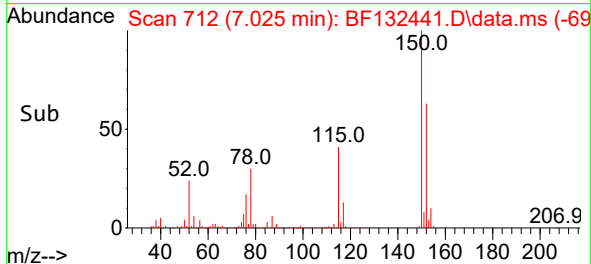
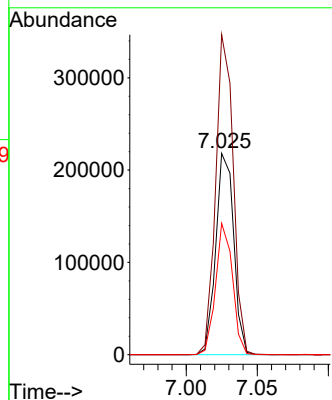
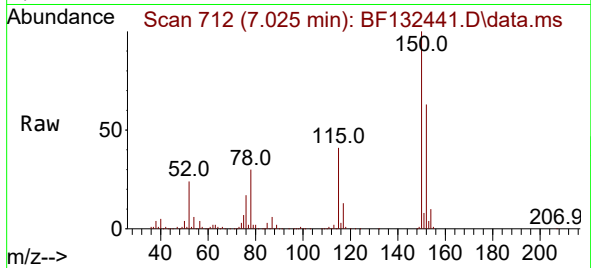




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.025 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF132441.D
Acq: 16 Feb 2023 19:19

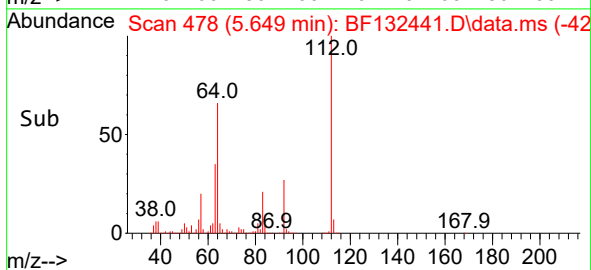
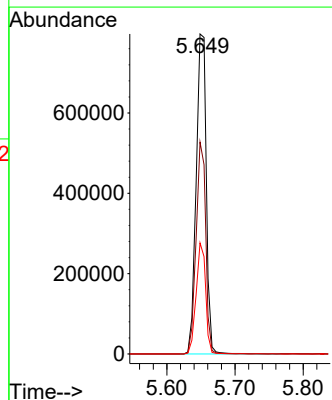
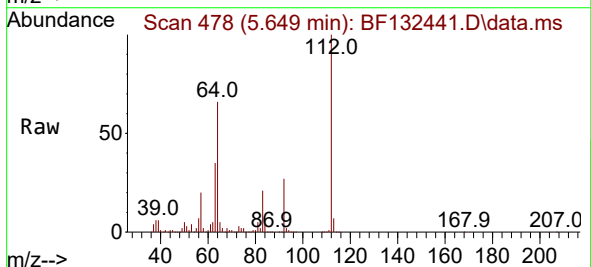
Instrument :
BNA_F
ClientSampleId :
TWP-01-DUP

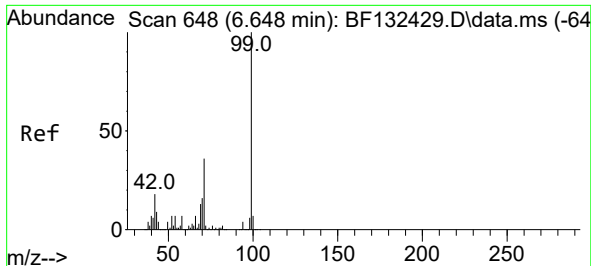
Tgt Ion:152 Resp: 191998
Ion Ratio Lower Upper
152 100
150 158.9 123.8 185.8
115 65.2 50.4 75.6



#5
2-Fluorophenol
Concen: 68.465 ng
RT: 5.649 min Scan# 478
Delta R.T. 0.000 min
Lab File: BF132441.D
Acq: 16 Feb 2023 19:19

Tgt Ion:112 Resp: 820358
Ion Ratio Lower Upper
112 100
64 66.2 49.7 74.5
63 34.7 25.8 38.8

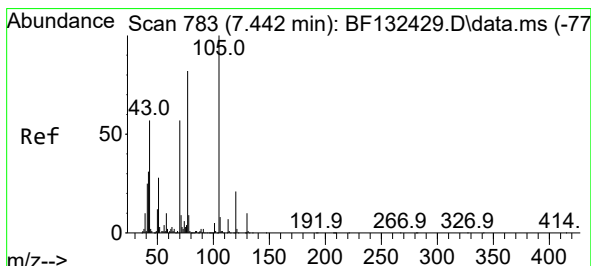
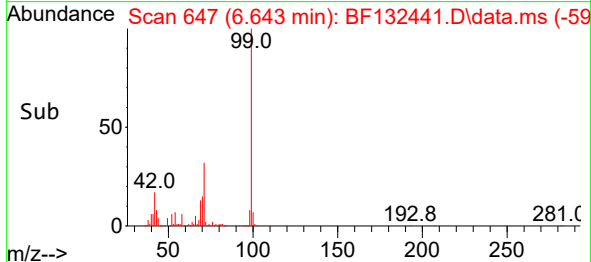
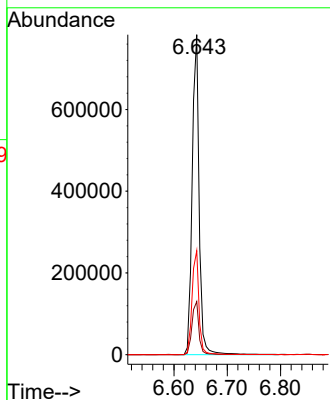
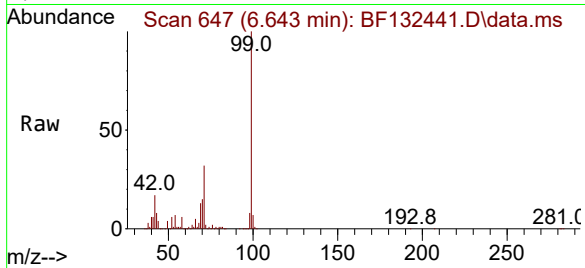




#7
Phenol-d6
Concen: 45.506 ng
RT: 6.643 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF132441.D
Acq: 16 Feb 2023 19:19

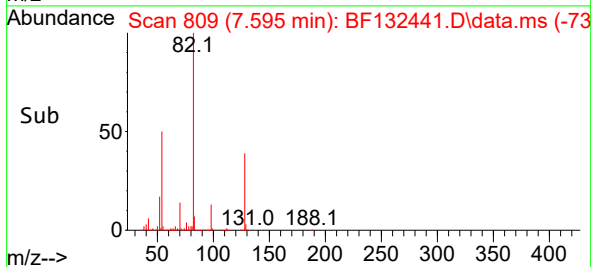
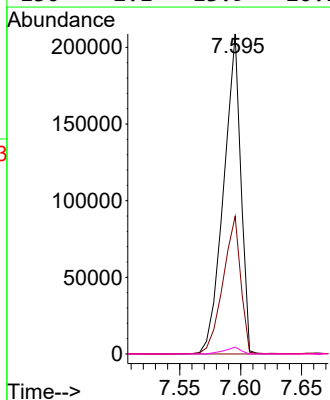
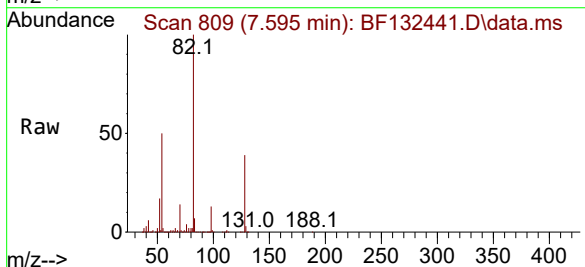
Instrument :
BNA_F
ClientSampleId :
TWP-01-DUP

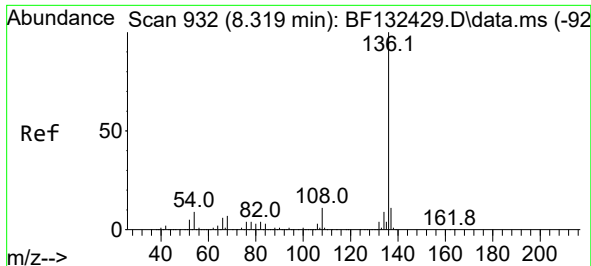
Tgt Ion: 99 Resp: 711975
Ion Ratio Lower Upper
99 100
42 16.6 14.6 21.8
71 32.5 28.7 43.1



#19
n-Nitroso-di-n-propylamine
Concen: 21.388 ng
RT: 7.595 min Scan# 809
Delta R.T. 0.153 min
Lab File: BF132441.D
Acq: 16 Feb 2023 19:19

Tgt Ion: 70 Resp: 205150
Ion Ratio Lower Upper
70 100
42 43.0 43.5 65.3#
101 0.0 7.3 10.9#
130 2.1 13.9 20.9#

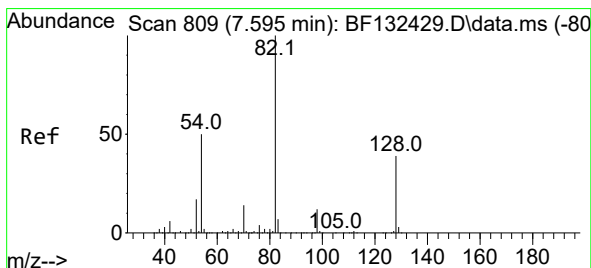
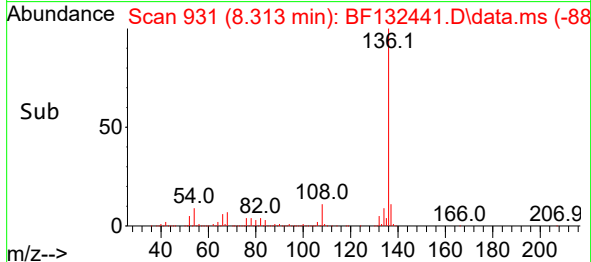
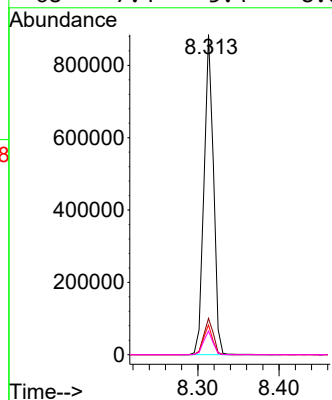
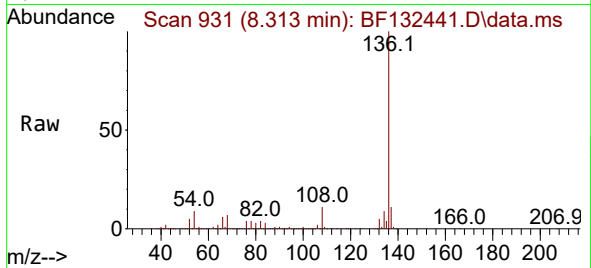




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.313 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132441.D
Acq: 16 Feb 2023 19:19

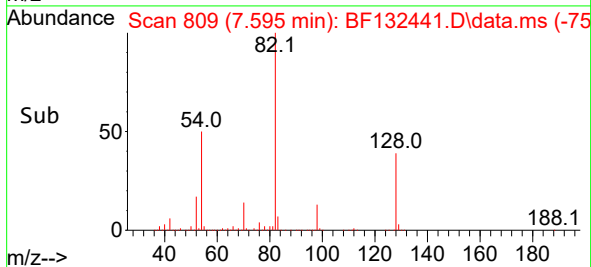
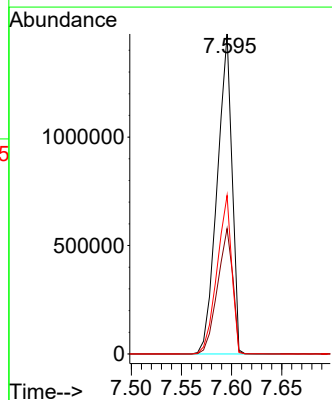
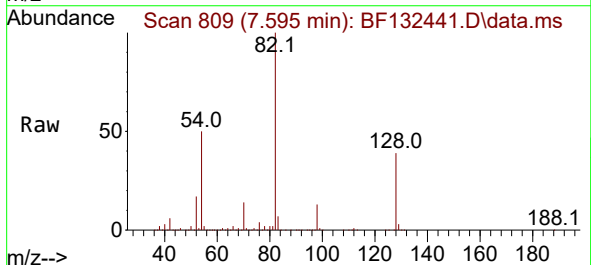
Instrument :
BNA_F
ClientSampleId :
TWP-01-DUP

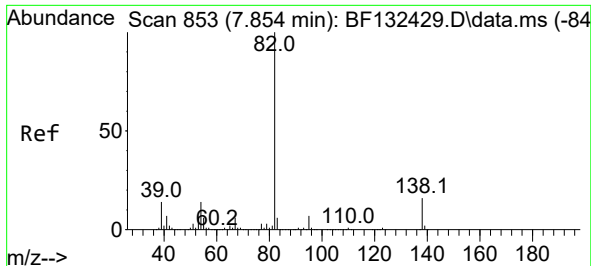
Tgt Ion:136 Resp: 713254
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 9.3 6.9 10.3
68 7.4 5.4 8.0



#23
Nitrobenzene-d5
Concen: 102.262 ng
RT: 7.595 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF132441.D
Acq: 16 Feb 2023 19:19

Tgt Ion: 82 Resp: 1517994
Ion Ratio Lower Upper
82 100
128 39.2 30.8 46.2
54 49.6 40.2 60.4

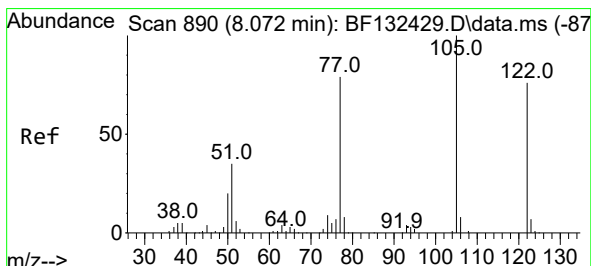
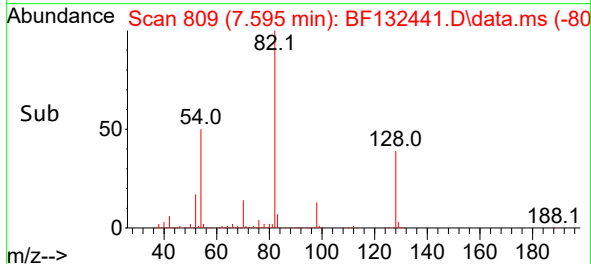
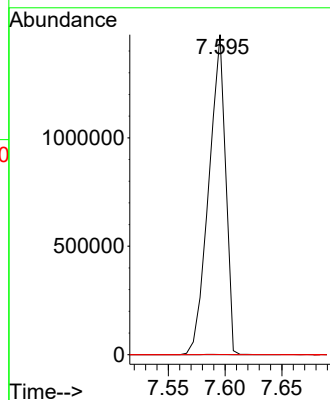
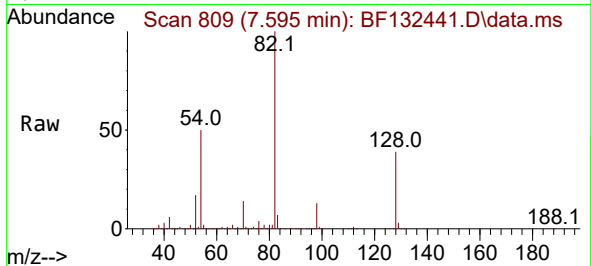




#25
Isophorone
Concen: 51.983 ng
RT: 7.595 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF132441.D
Acq: 16 Feb 2023 19:19

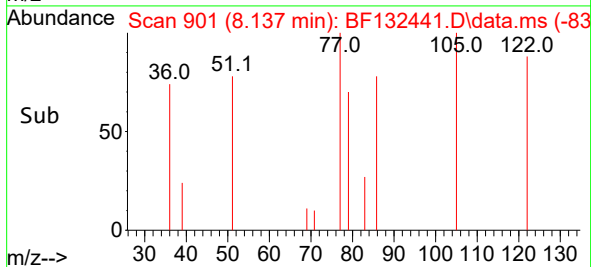
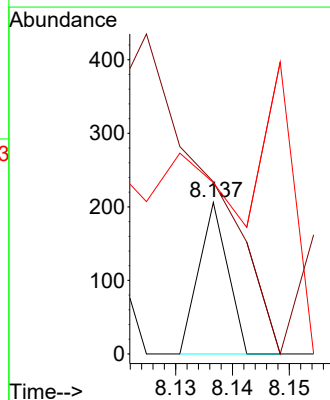
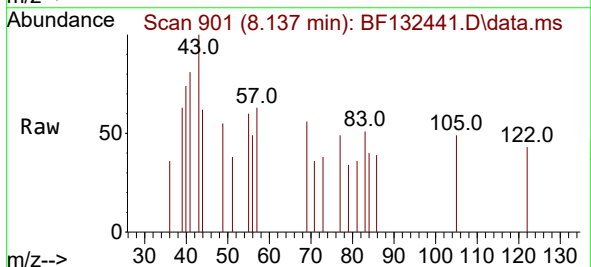
Instrument :
BNA_F
ClientSampleId :
TWP-01-DUP

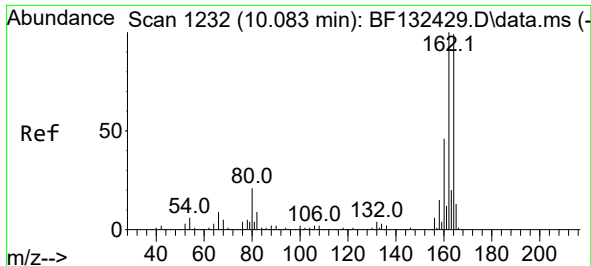
Tgt Ion: 82 Resp: 1516277
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 7.157 ng
RT: 8.137 min Scan# 901
Delta R.T. 0.065 min
Lab File: BF132441.D
Acq: 16 Feb 2023 19:19

Tgt Ion: 122 Resp: 73
Ion Ratio Lower Upper
122 100
105 113.6 109.7 149.7
77 113.1 83.8 123.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.078 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132441.D

Acq: 16 Feb 2023 19:19

Instrument :

BNA_F

ClientSampleId :

TWP-01-DUP

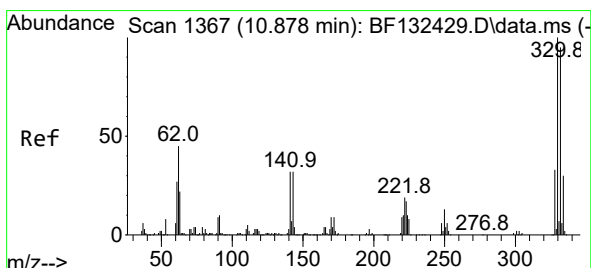
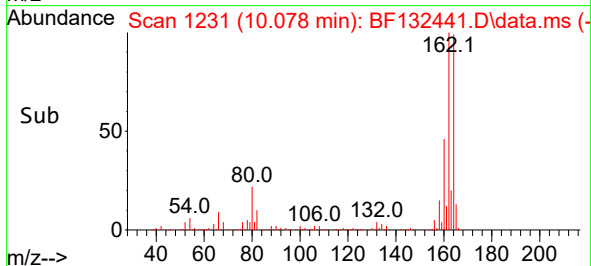
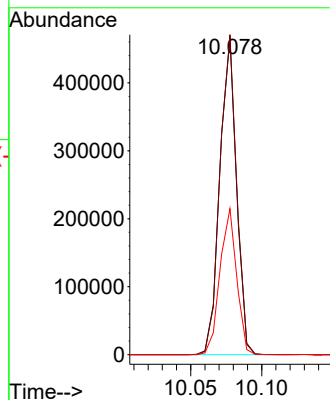
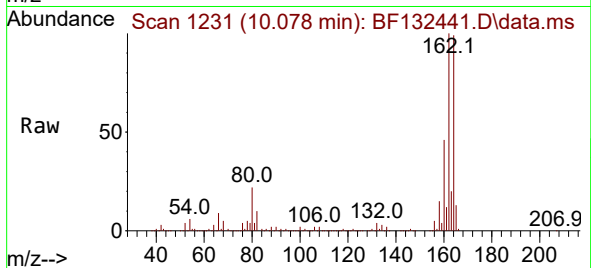
Tgt Ion:164 Resp: 380331

Ion Ratio Lower Upper

164 100

162 100.9 80.8 121.2

160 46.1 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 141.483 ng

RT: 10.872 min Scan# 1366

Delta R.T. -0.006 min

Lab File: BF132441.D

Acq: 16 Feb 2023 19:19

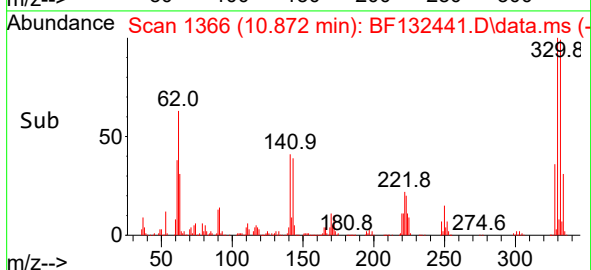
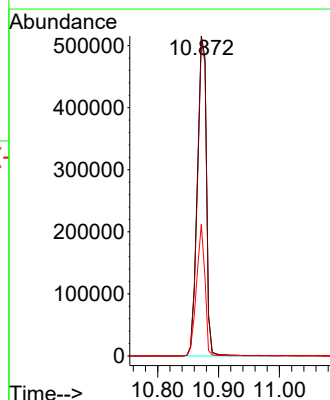
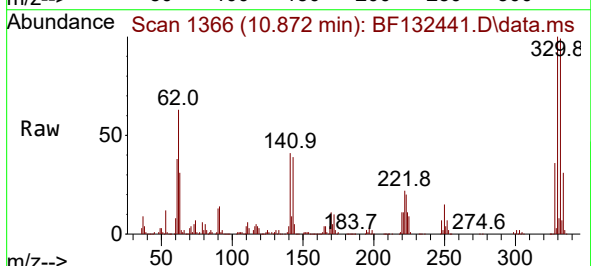
Tgt Ion:330 Resp: 536889

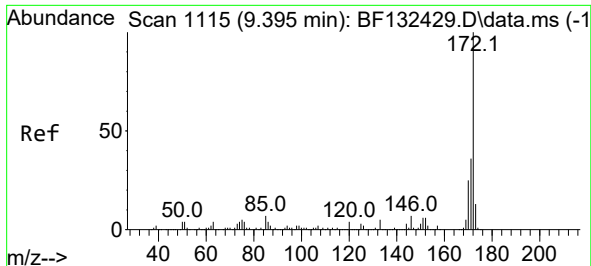
Ion Ratio Lower Upper

330 100

332 97.4 76.3 114.5

141 38.0 30.3 45.5

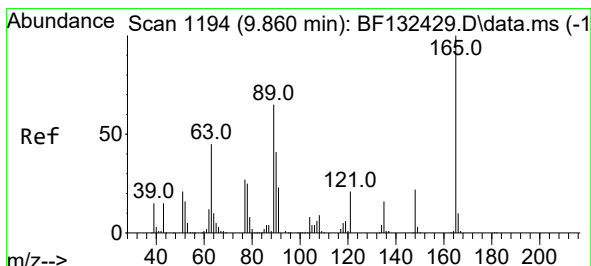
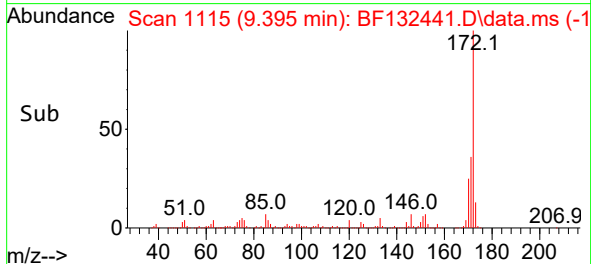
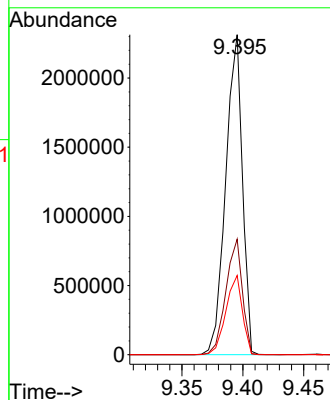
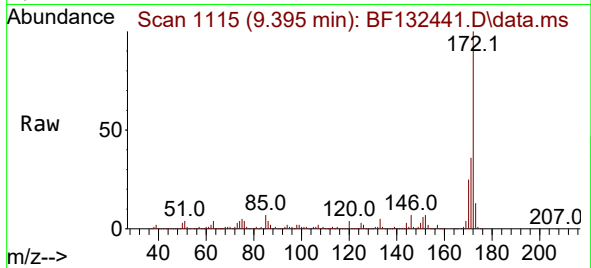




#45
2-Fluorobiphenyl
Concen: 89.817 ng
RT: 9.395 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF132441.D
Acq: 16 Feb 2023 19:19

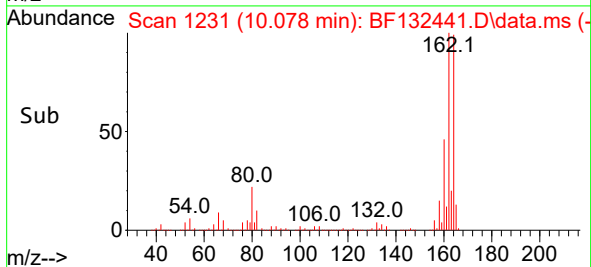
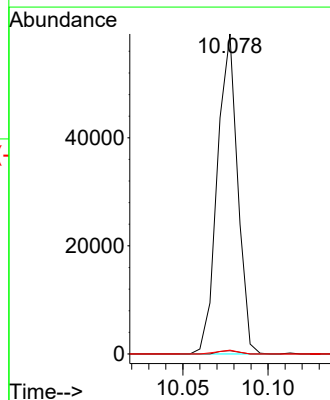
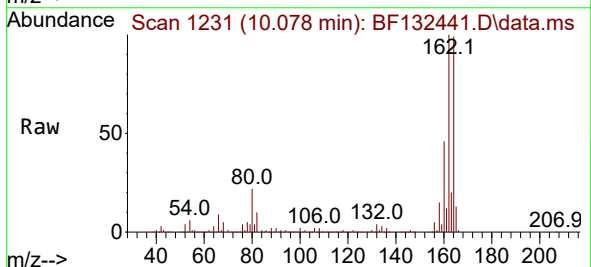
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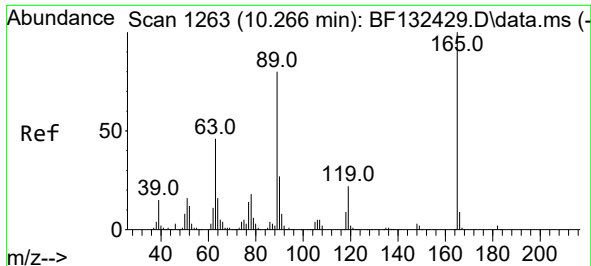
Tgt Ion:172 Resp: 2212012
Ion Ratio Lower Upper
172 100
171 36.1 28.6 42.8
170 24.8 19.9 29.9



#51
2,6-Dinitrotoluene
Concen: 8.068 ng
RT: 10.078 min Scan# 1231
Delta R.T. 0.218 min
Lab File: BF132441.D
Acq: 16 Feb 2023 19:19

Tgt Ion:165 Resp: 49143
Ion Ratio Lower Upper
165 100
63 1.0 50.4 75.6#
89 1.2 52.2 78.2#

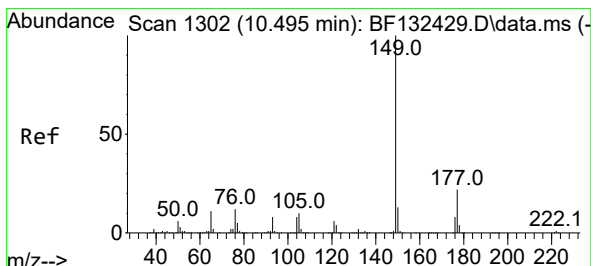
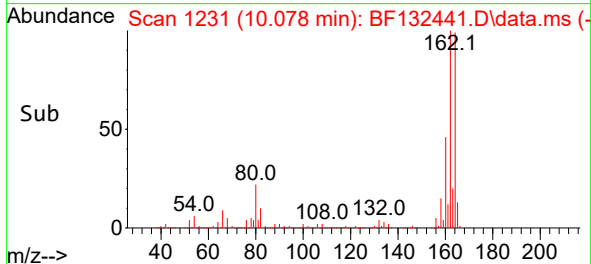
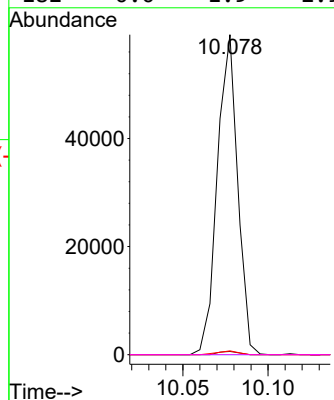
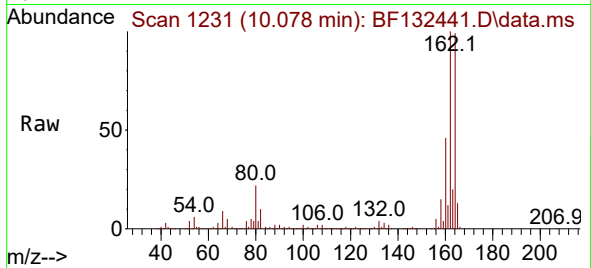




#57
2,4-Dinitrotoluene
Concen: 6.129 ng
RT: 10.078 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF132441.D
Acq: 16 Feb 2023 19:19

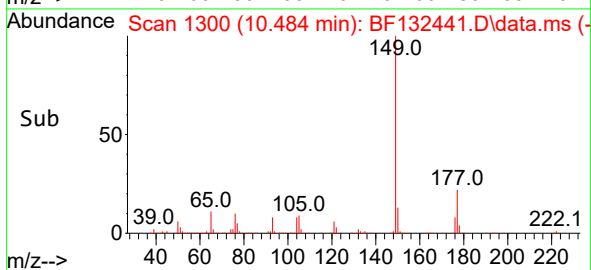
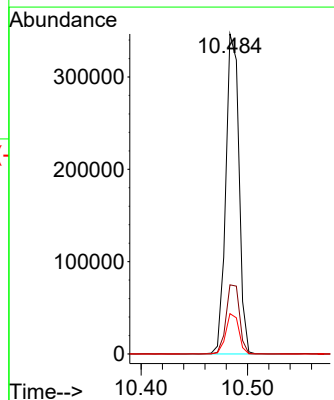
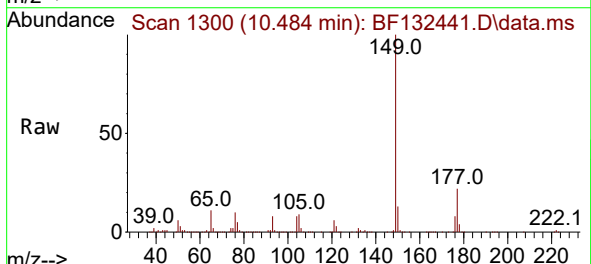
Instrument :
BNA_F
ClientSampleId :
TWP-01-DUP

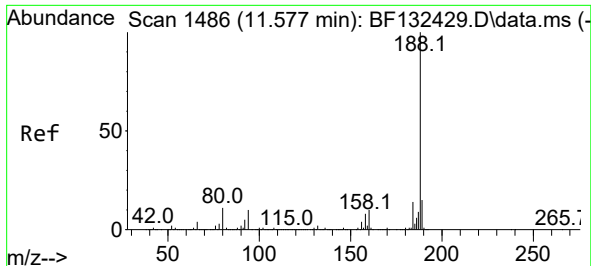
Tgt Ion:165 Resp: 49143
Ion Ratio Lower Upper
165 100
63 1.0 37.1 55.7#
89 1.2 63.6 95.4#
182 0.0 1.9 2.9#



#60
Diethylphthalate
Concen: 10.764 ng
RT: 10.484 min Scan# 1300
Delta R.T. -0.012 min
Lab File: BF132441.D
Acq: 16 Feb 2023 19:19

Tgt Ion:149 Resp: 296368
Ion Ratio Lower Upper
149 100
177 21.6 17.8 26.8
150 12.6 10.0 15.0

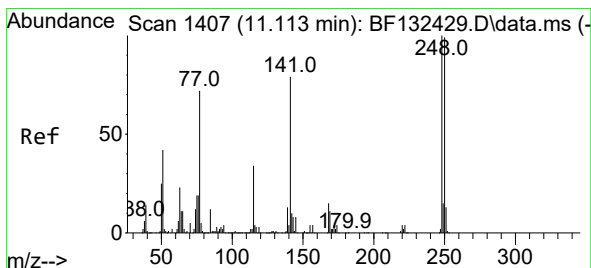
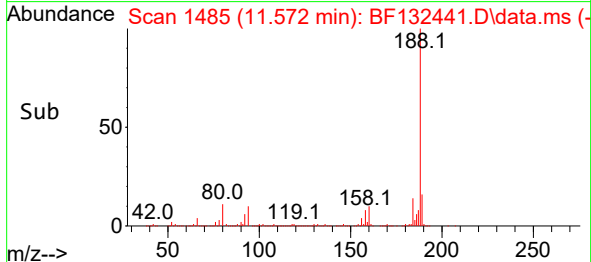
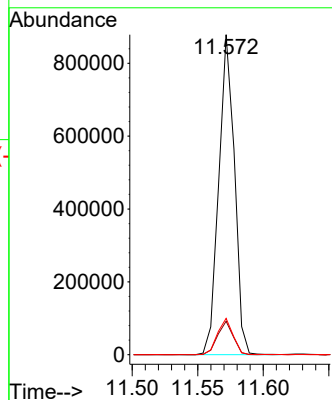
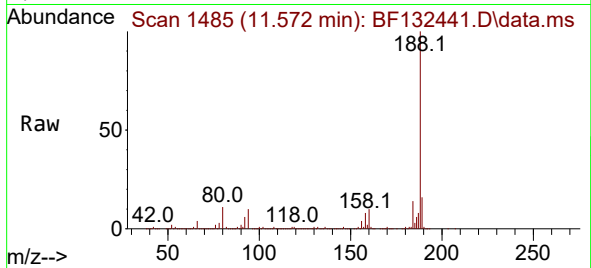




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.572 min Scan# 1486
Delta R.T. -0.006 min
Lab File: BF132441.D
Acq: 16 Feb 2023 19:19

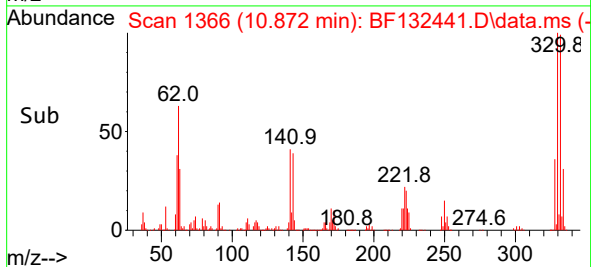
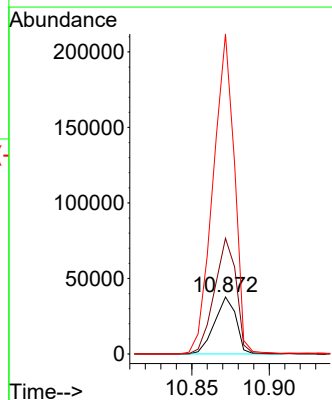
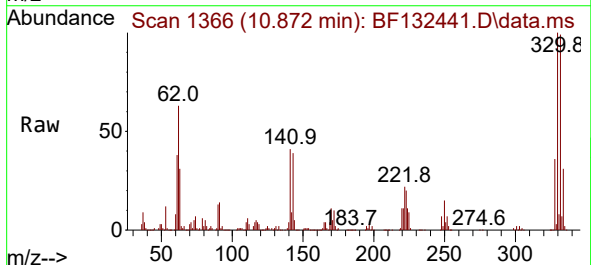
Instrument :
BNA_F
ClientSampleId :
TWP-01-DUP

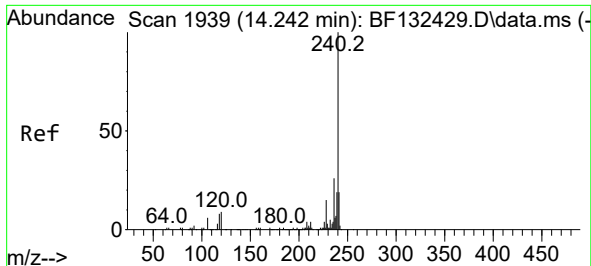
Tgt Ion:188 Resp: 730368
Ion Ratio Lower Upper
188 100
94 10.5 8.0 12.0
80 11.3 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 4.567 ng
RT: 10.872 min Scan# 1366
Delta R.T. -0.241 min
Lab File: BF132441.D
Acq: 16 Feb 2023 19:19

Tgt Ion:248 Resp: 36557
Ion Ratio Lower Upper
248 100
250 203.2 79.0 118.4#
141 562.3 63.3 94.9#

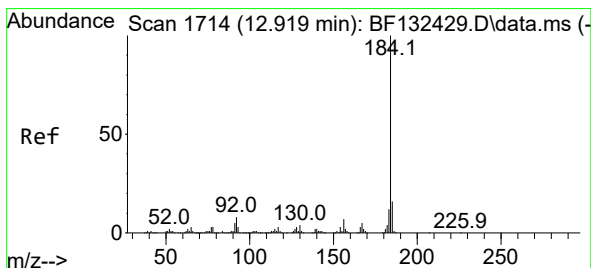
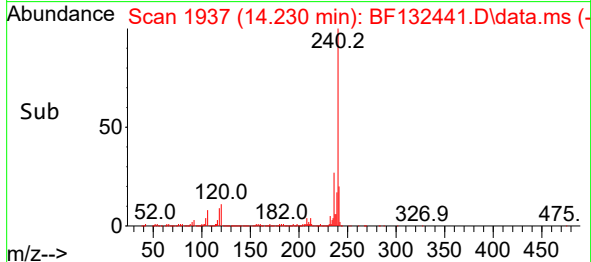
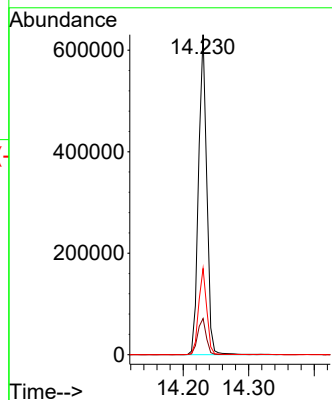
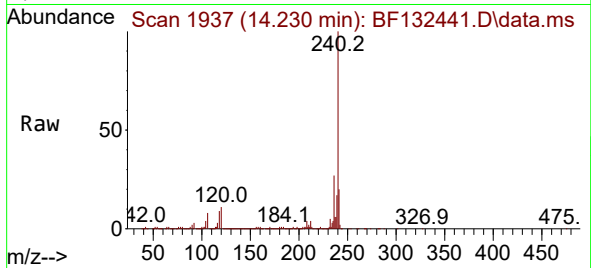




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.230 min Scan# 1939
Delta R.T. -0.012 min
Lab File: BF132441.D
Acq: 16 Feb 2023 19:19

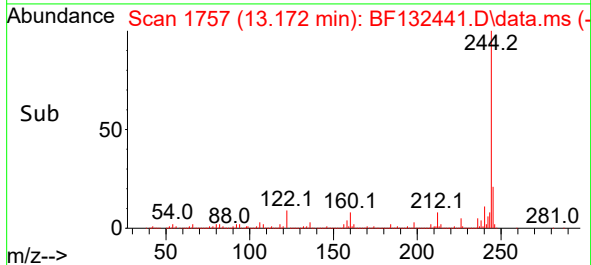
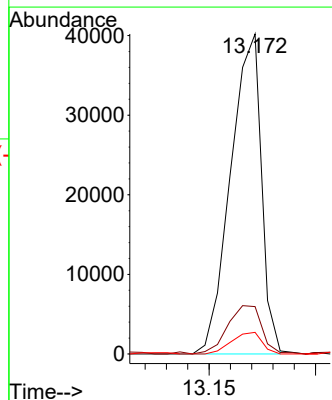
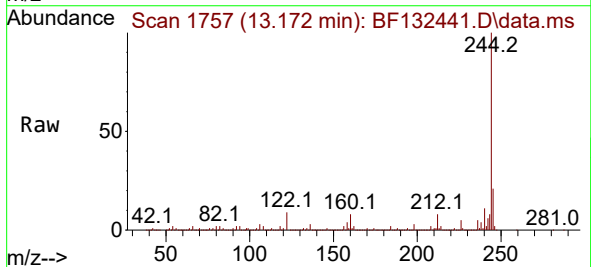
Instrument :
BNA_F
ClientSampleId :
TWP-01-DUP

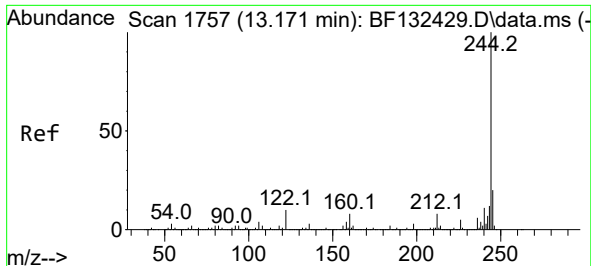
Tgt Ion:240 Resp: 551380
Ion Ratio Lower Upper
240 100
120 11.3 7.5 11.3#
236 26.9 21.0 31.6



#77
Benzidine
Concen: 3.440 ng
RT: 13.172 min Scan# 1757
Delta R.T. 0.253 min
Lab File: BF132441.D
Acq: 16 Feb 2023 19:19

Tgt Ion:184 Resp: 40385
Ion Ratio Lower Upper
184 100
185 14.8 12.4 18.6
183 6.7 9.2 13.8#

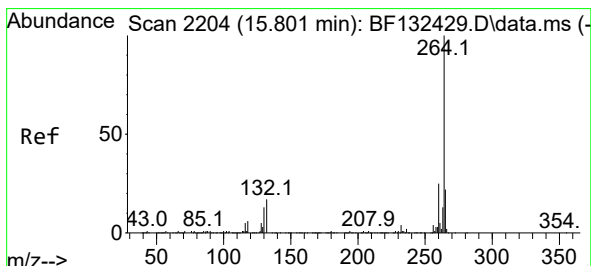
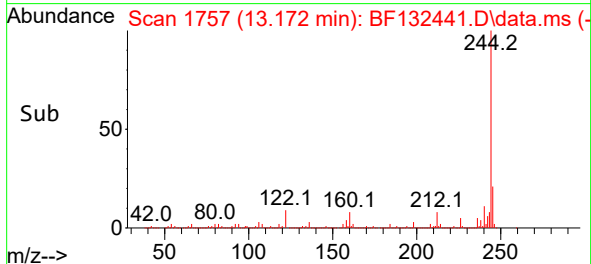
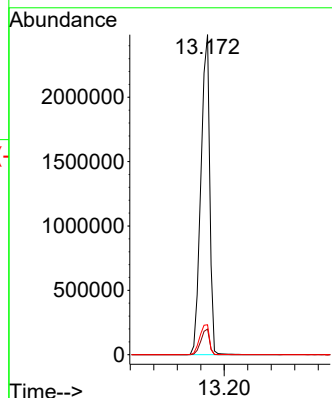
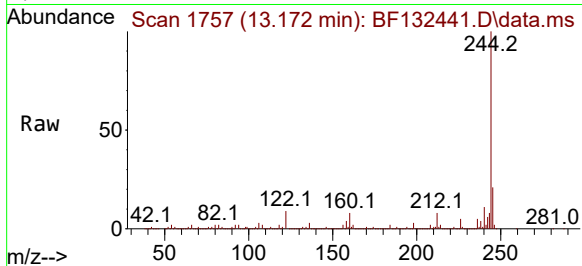




#79
 Terphenyl-d14
 Concen: 85.165 ng
 RT: 13.172 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132441.D
 Acq: 16 Feb 2023 19:19

Instrument :
 BNA_F
 ClientSampleId :
 TWP-01-DUP

Tgt Ion:244 Resp: 2578425
 Ion Ratio Lower Upper
 244 100
 212 8.0 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: BF132441.D
 Acq: 16 Feb 2023 19:19

Tgt Ion:264 Resp: 475313
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.0 30.0
 265 21.7 17.2 25.8

