

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021623\
 Data File : BF132440.D
 Acq On : 16 Feb 2023 18:45
 Operator : CG\JU
 Sample : 01537-02RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-1-(TP1)-COMP-1RE

Quant Time: Feb 17 04:44:54 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)

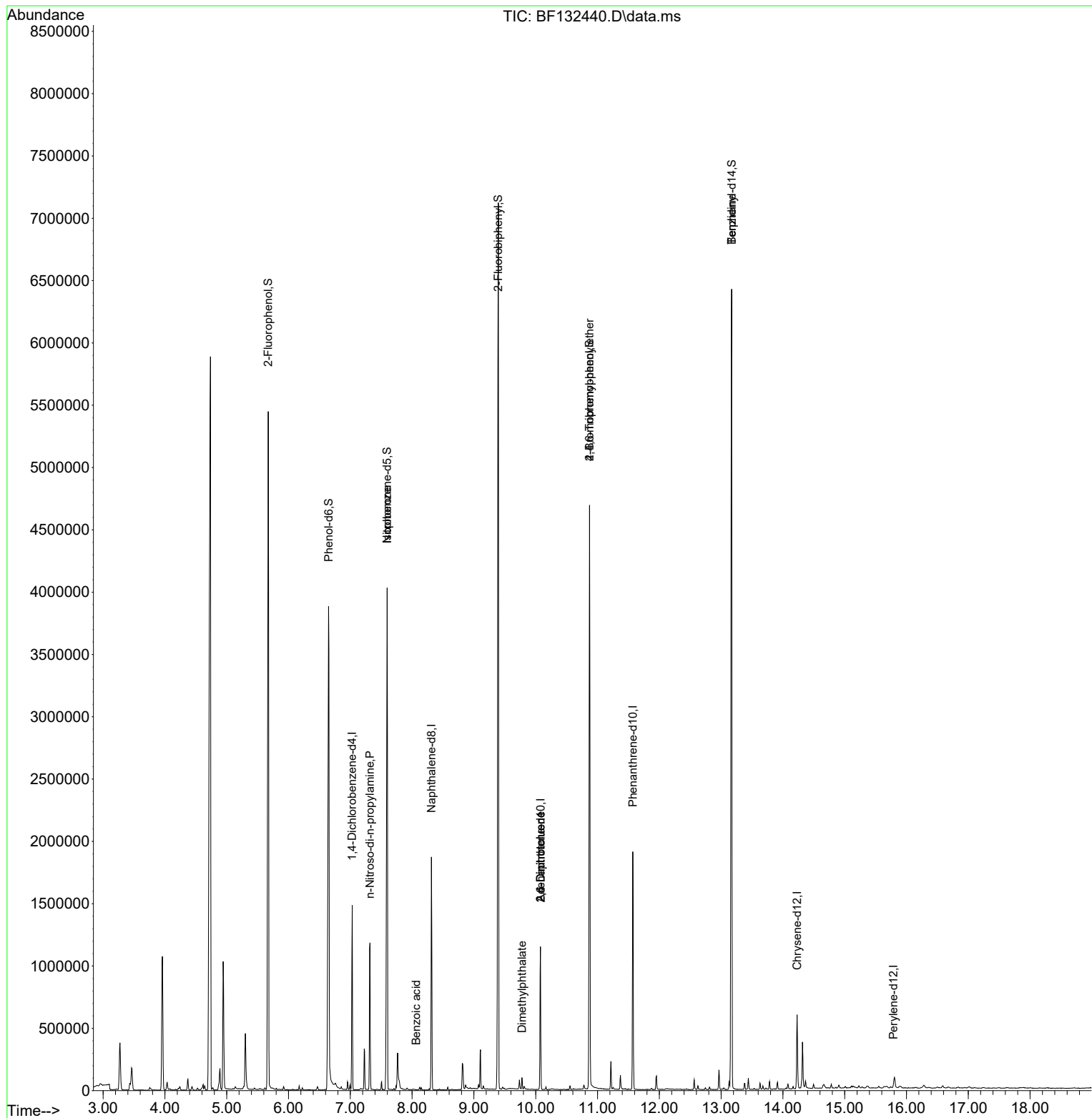
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	196155	20.000	ng	0.00
21) Naphthalene-d8	8.313	136	737430	20.000	ng	0.00
39) Acenaphthene-d10	10.077	164	194227	20.000	ng	0.00
64) Phenanthrene-d10	11.572	188	600405	20.000	ng	0.00
76) Chrysene-d12	14.230	240	111329	20.000	ng	#-0.01
86) Perylene-d12	15.789	264	2753	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	1633516	133.440	ng	0.02
7) Phenol-d6	6.648	99	1348215	84.345	ng	0.00
23) Nitrobenzene-d5	7.595	82	1543336	100.560	ng	0.00
42) 2,4,6-Tribromophenol	10.872	330	569220	293.733	ng	0.00
45) 2-Fluorobiphenyl	9.395	172	2225665	176.963	ng	0.00
79) Terphenyl-d14	13.171	244	2142579	350.499	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.319	70	51240	5.229	ng	# 50
25) Isophorone	7.595	82	1542339	51.143	ng	# 68
32) Benzoic acid	8.066	122	162	7.166	ng	# 55
50) Dimethylphthalate	9.777	163	31125	2.176	ng	100
51) 2,6-Dinitrotoluene	10.077	165	25488	8.194	ng	# 22
57) 2,4-Dinitrotoluene	10.077	165	25488	6.225	ng	# 23
67) 4-Bromophenyl-phenylether	10.872	248	39336	5.978	ng	# 1
77) Benzidine	13.171	184	35320	14.899	ng	# 85

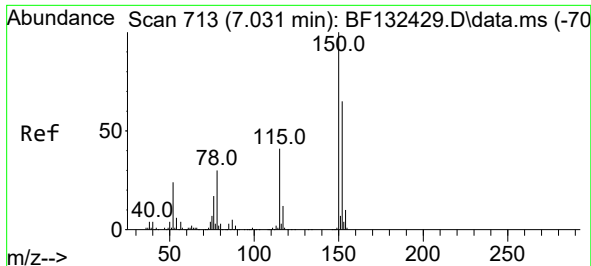
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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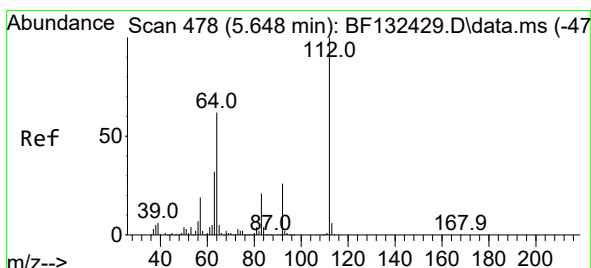
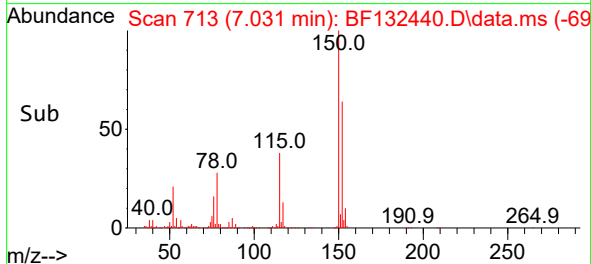
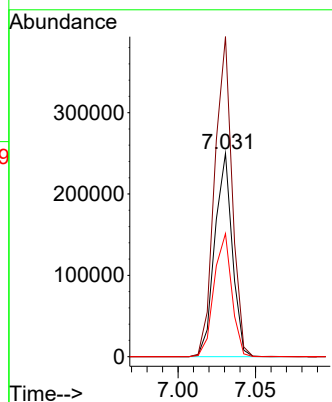
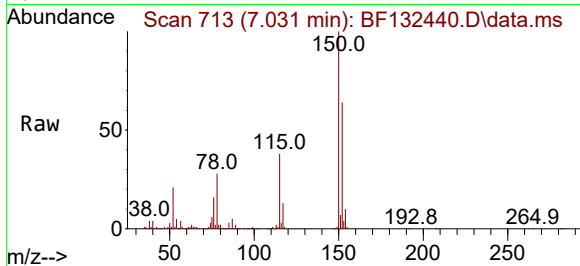




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.031 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132440.D
Acq: 16 Feb 2023 18:45

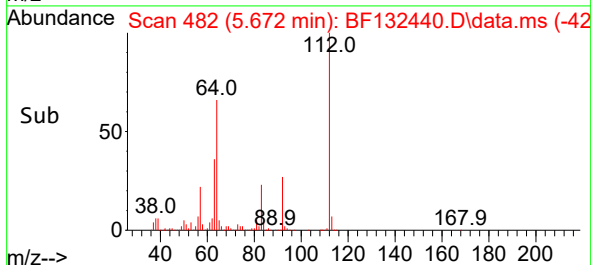
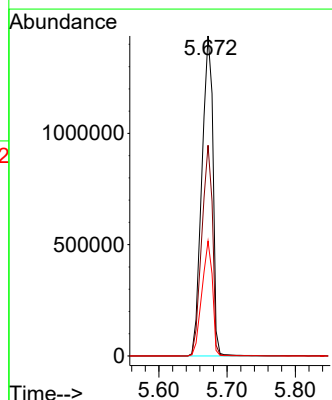
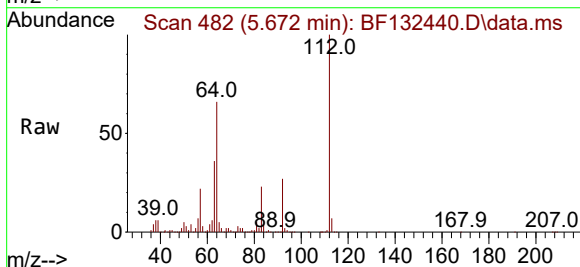
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BNA_F
ClientSampleId :
TEST-PIT-1-(TP1)-COMP-1RE

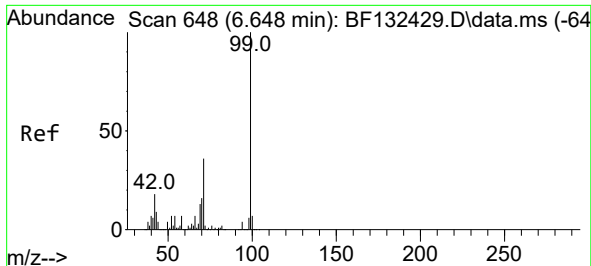
Tgt Ion:152 Resp: 196155
Ion Ratio Lower Upper
152 100
150 157.4 123.8 185.8
115 60.5 50.4 75.6



#5
2-Fluorophenol
Concen: 133.440 ng
RT: 5.672 min Scan# 482
Delta R.T. 0.023 min
Lab File: BF132440.D
Acq: 16 Feb 2023 18:45

Tgt Ion:112 Resp: 1633516
Ion Ratio Lower Upper
112 100
64 65.9 49.7 74.5
63 35.9 25.8 38.8

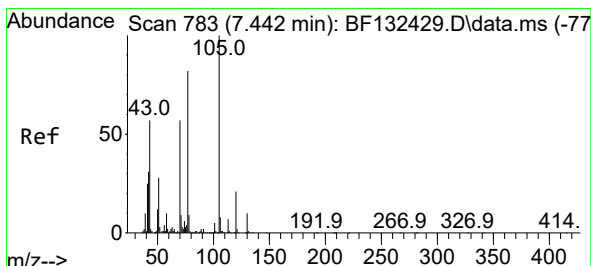
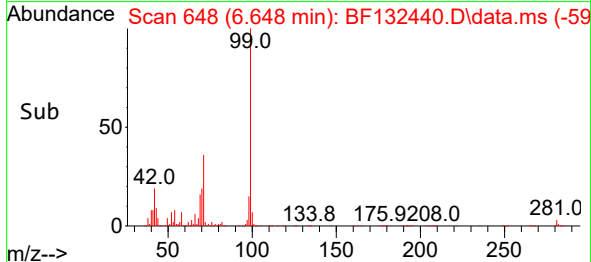
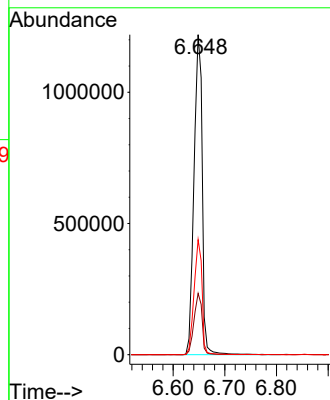
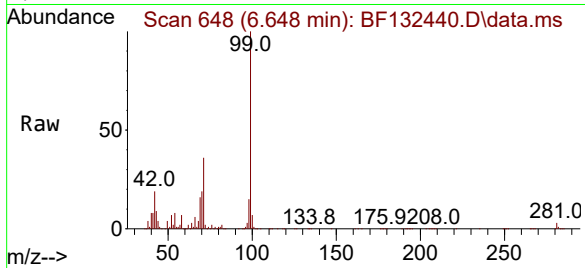




#7
Phenol-d6
Concen: 84.345 ng
RT: 6.648 min Scan# 648
Delta R.T. -0.000 min
Lab File: BF132440.D
Acq: 16 Feb 2023 18:45

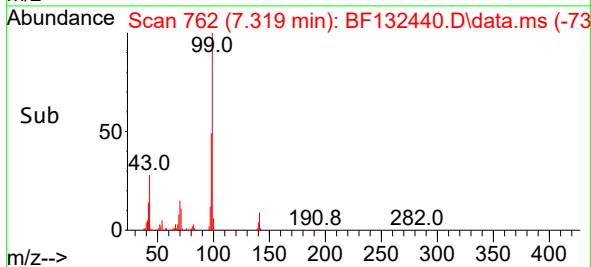
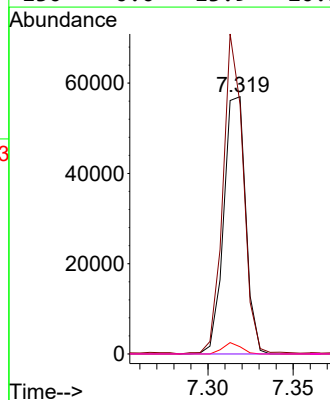
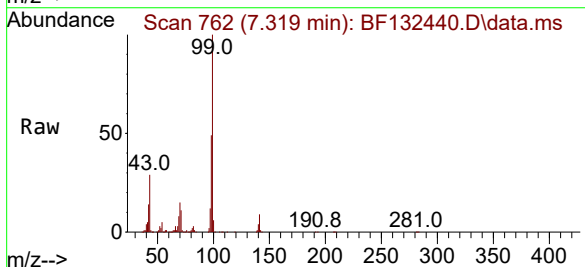
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1-(TP1)-COMP-1RE

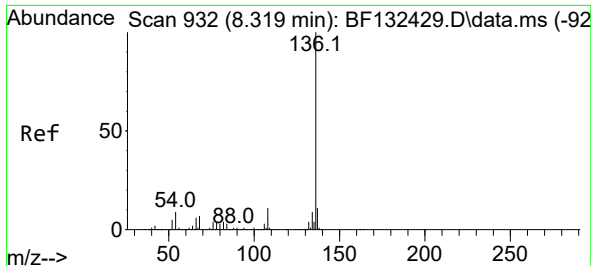
Tgt Ion: 99 Resp: 1348215
Ion Ratio Lower Upper
99 100
42 19.1 14.6 21.8
71 35.9 28.7 43.1



#19
n-Nitroso-di-n-propylamine
Concen: 5.229 ng
RT: 7.319 min Scan# 762
Delta R.T. -0.124 min
Lab File: BF132440.D
Acq: 16 Feb 2023 18:45

Tgt Ion: 70 Resp: 51240
Ion Ratio Lower Upper
70 100
42 97.1 43.5 65.3#
101 2.8 7.3 10.9#
130 0.0 13.9 20.9#

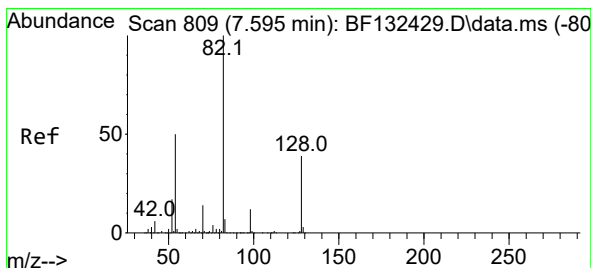
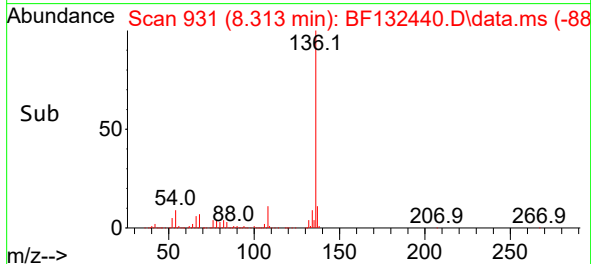
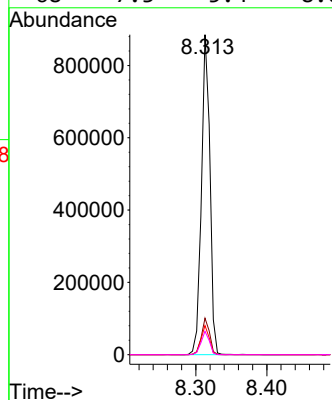
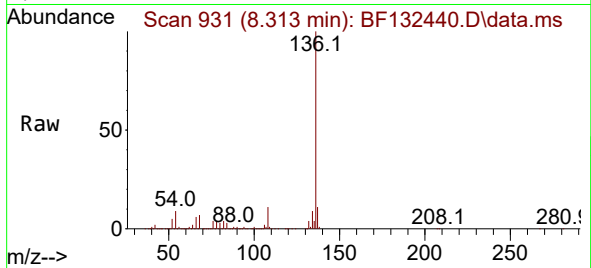




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.313 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF132440.D
Acq: 16 Feb 2023 18:45

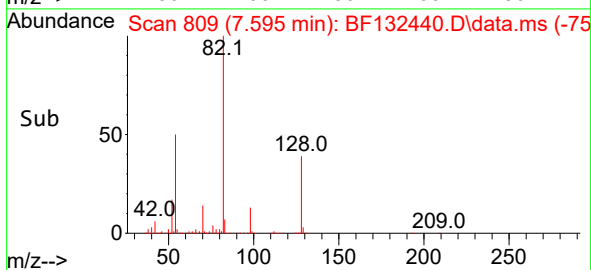
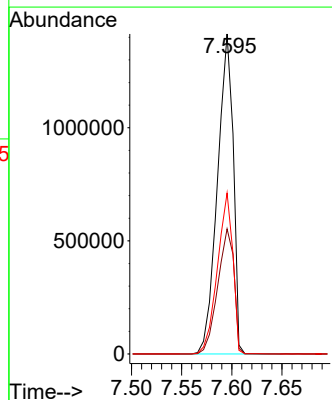
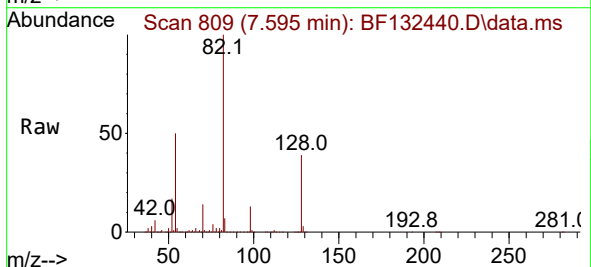
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1-(TP1)-COMP-1RE

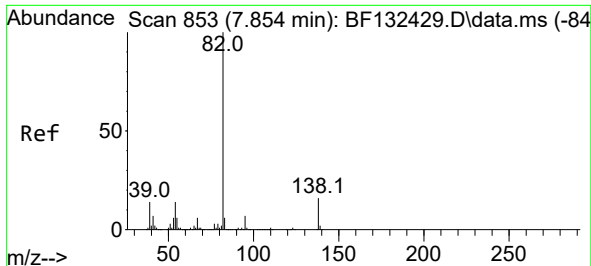
Tgt Ion:136 Resp: 737430
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 9.1 6.9 10.3
68 7.3 5.4 8.0



#23
Nitrobenzene-d5
Concen: 100.560 ng
RT: 7.595 min Scan# 809
Delta R.T. -0.000 min
Lab File: BF132440.D
Acq: 16 Feb 2023 18:45

Tgt Ion: 82 Resp: 1543336
Ion Ratio Lower Upper
82 100
128 39.1 30.8 46.2
54 50.3 40.2 60.4

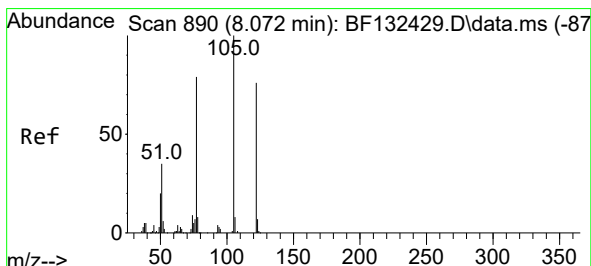
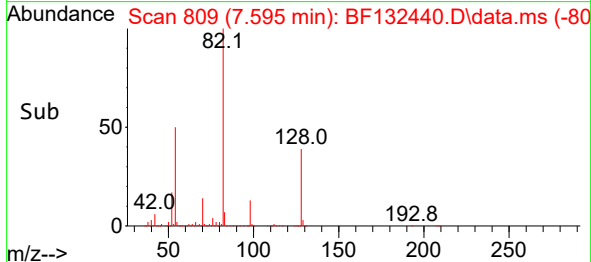
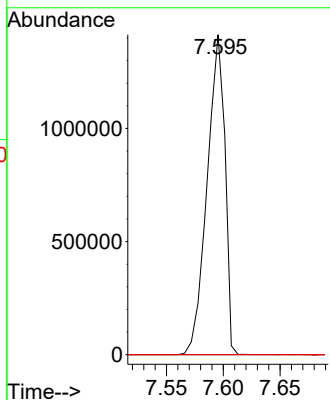
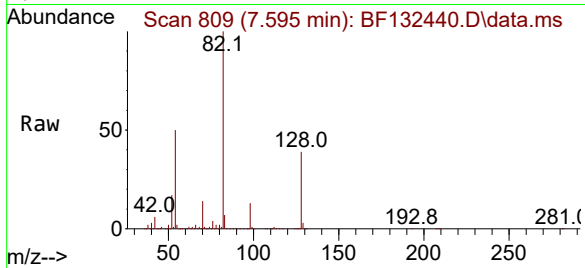




#25
Isophorone
Concen: 51.143 ng
RT: 7.595 min Scan# 809
Delta R.T. -0.259 min
Lab File: BF132440.D
Acq: 16 Feb 2023 18:45

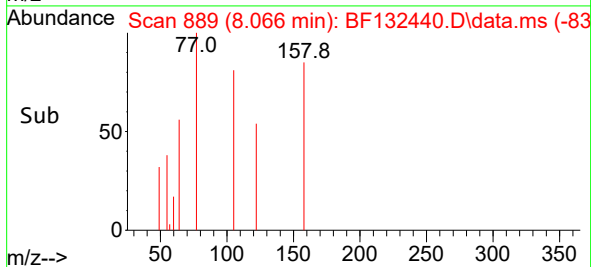
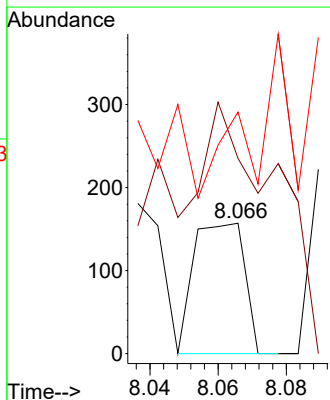
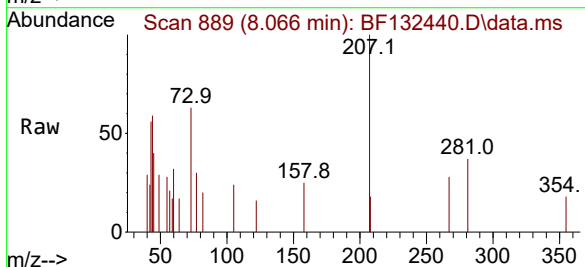
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1-(TP1)-COMP-1RE

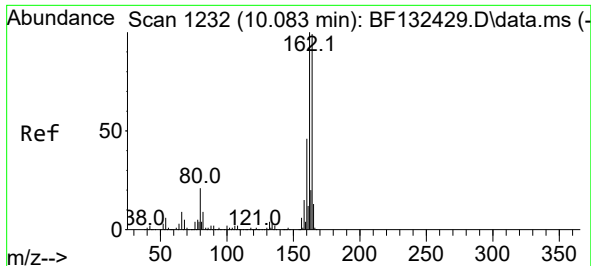
Tgt Ion: 82 Resp: 1542339
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 7.166 ng
RT: 8.066 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF132440.D
Acq: 16 Feb 2023 18:45

Tgt Ion: 122 Resp: 162
Ion Ratio Lower Upper
122 100
105 149.7 109.7 149.7
77 185.4 83.8 123.8#

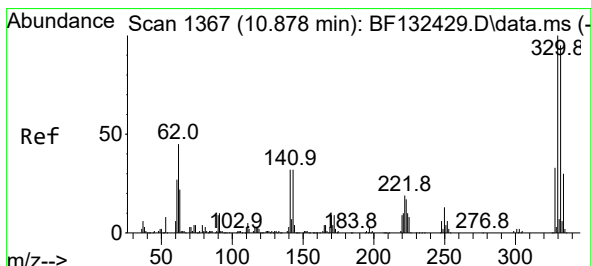
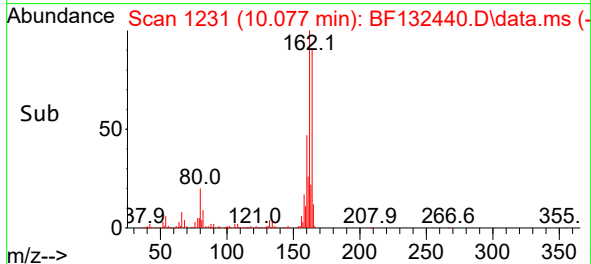
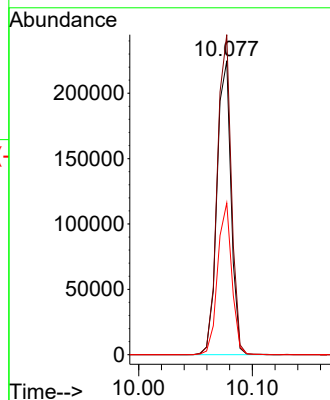
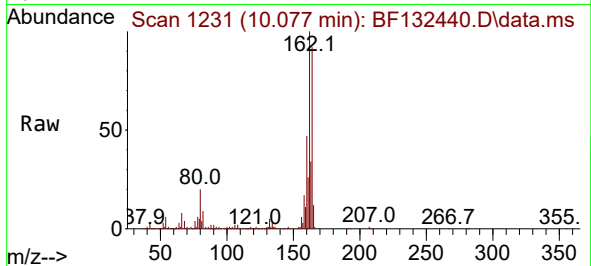




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.077 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132440.D
Acq: 16 Feb 2023 18:45

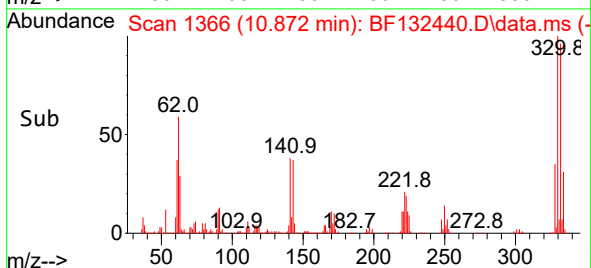
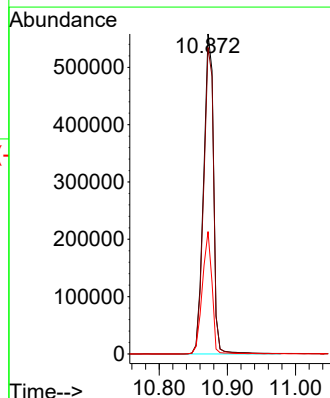
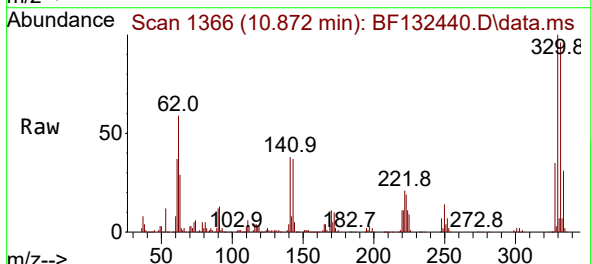
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TEST-PIT-1-(TP1)-COMP-1RE

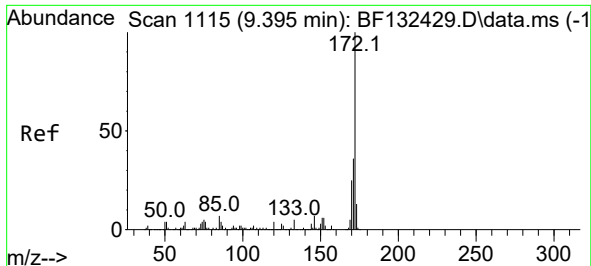
Tgt Ion:164 Resp: 194227
Ion Ratio Lower Upper
164 100
162 108.9 80.8 121.2
160 51.6 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 293.733 ng
RT: 10.872 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BF132440.D
Acq: 16 Feb 2023 18:45

Tgt Ion:330 Resp: 569220
Ion Ratio Lower Upper
330 100
332 96.4 76.3 114.5
141 37.0 30.3 45.5

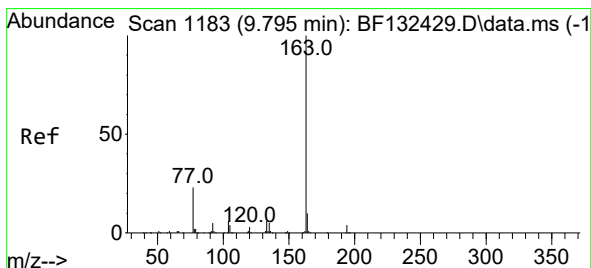
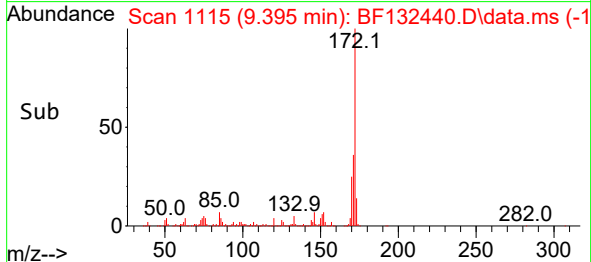
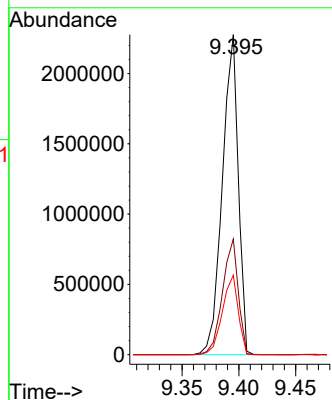
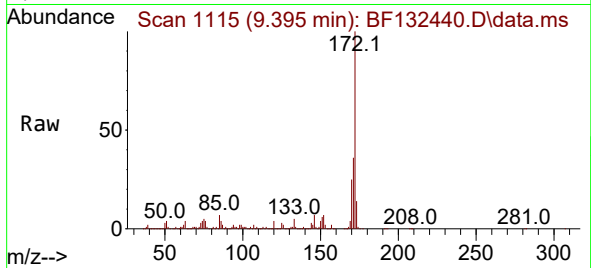




#45
2-Fluorobiphenyl
Concen: 176.963 ng
RT: 9.395 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF132440.D
Acq: 16 Feb 2023 18:45

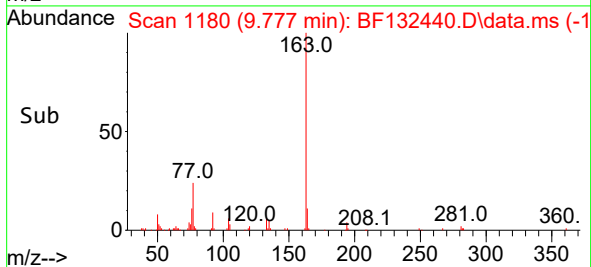
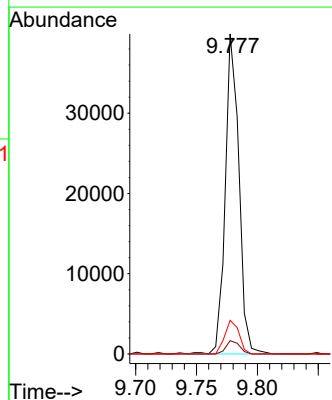
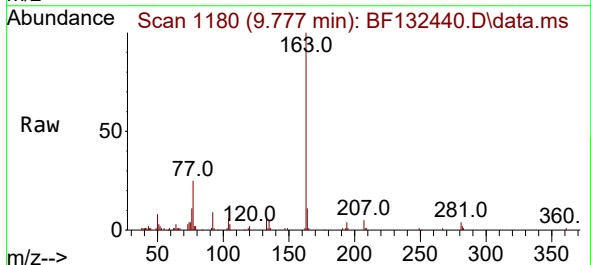
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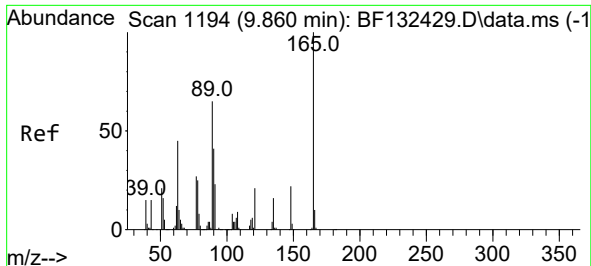
Tgt Ion:172 Resp: 2225665
Ion Ratio Lower Upper
172 100
171 36.2 28.6 42.8
170 24.9 19.9 29.9



#50
Dimethylphthalate
Concen: 2.176 ng
RT: 9.777 min Scan# 1180
Delta R.T. -0.018 min
Lab File: BF132440.D
Acq: 16 Feb 2023 18:45

Tgt Ion:163 Resp: 31125
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.5 8.4 12.6

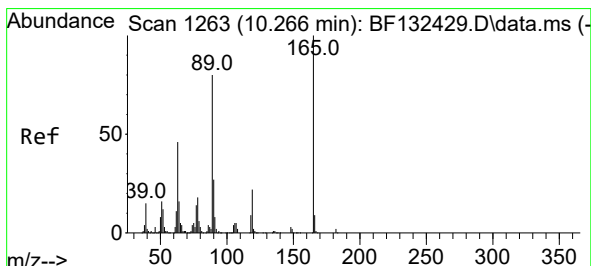
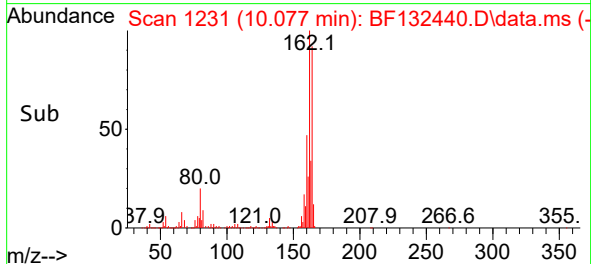
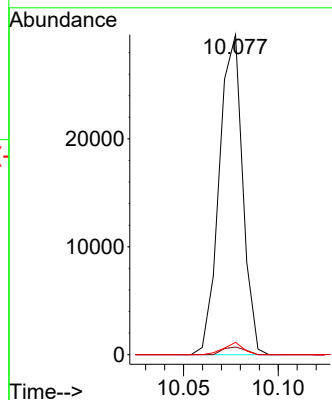
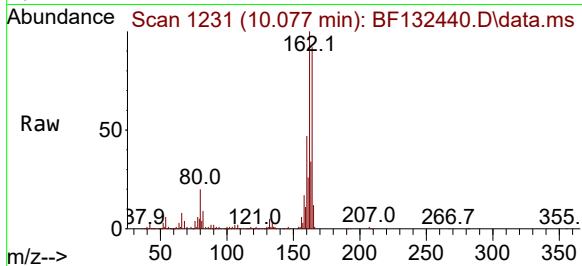




#51
2,6-Dinitrotoluene
Concen: 8.194 ng
RT: 10.077 min Scan# 1194
Delta R.T. 0.218 min
Lab File: BF132440.D
Acq: 16 Feb 2023 18:45

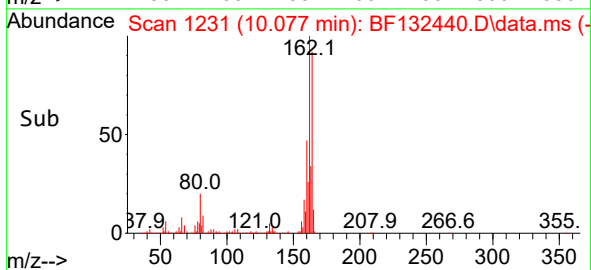
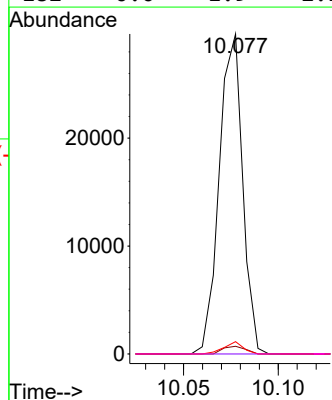
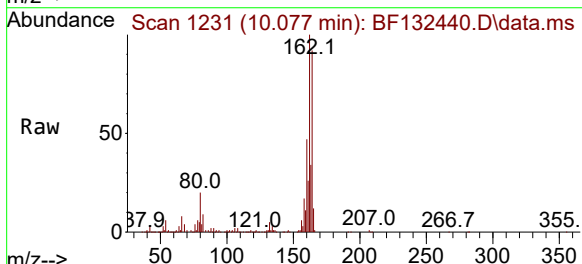
Instrument :
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TEST-PIT-1-(TP1)-COMP-1RE

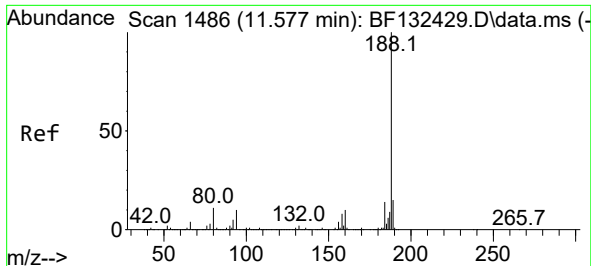
Tgt Ion:165 Resp: 25488
Ion Ratio Lower Upper
165 100
63 2.4 50.4 75.6#
89 3.8 52.2 78.2#



#57
2,4-Dinitrotoluene
Concen: 6.225 ng
RT: 10.077 min Scan# 1231
Delta R.T. -0.188 min
Lab File: BF132440.D
Acq: 16 Feb 2023 18:45

Tgt Ion:165 Resp: 25488
Ion Ratio Lower Upper
165 100
63 2.4 37.1 55.7#
89 3.8 63.6 95.4#
182 0.0 1.9 2.9#

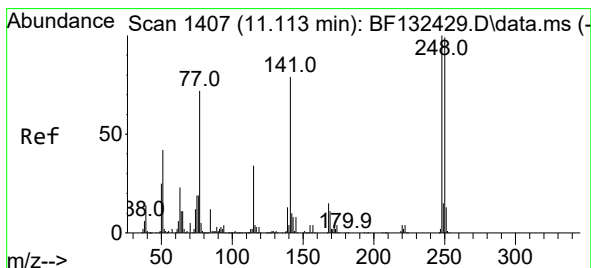
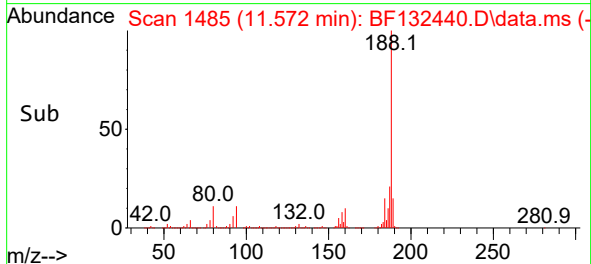
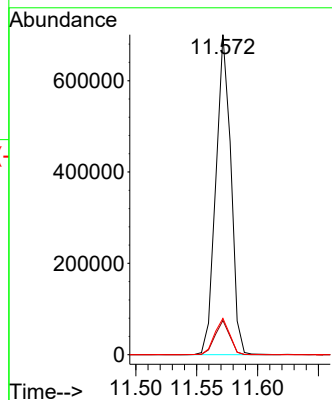
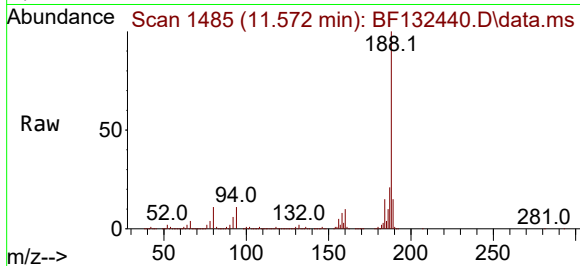




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.572 min Scan# 1486
Delta R.T. -0.006 min
Lab File: BF132440.D
Acq: 16 Feb 2023 18:45

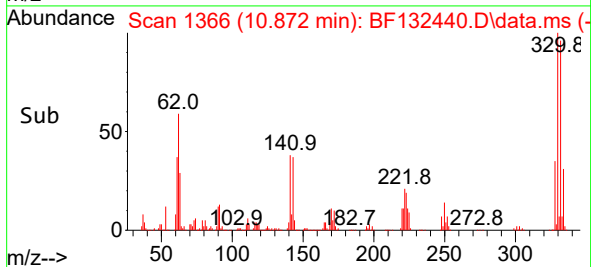
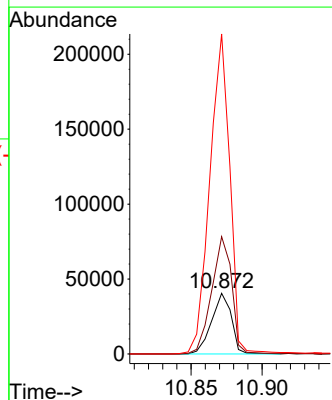
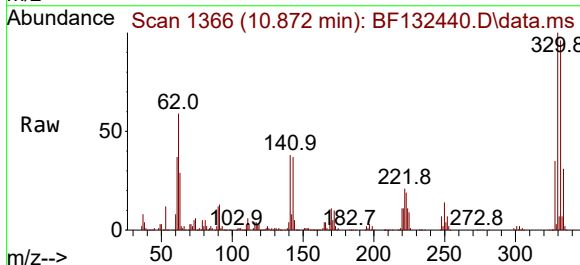
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1-(TP1)-COMP-1RE

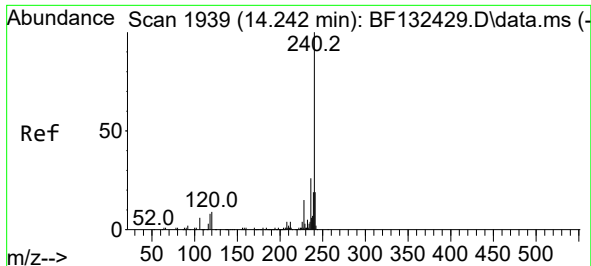
Tgt Ion:188 Resp: 600405
Ion Ratio Lower Upper
188 100
94 10.7 8.0 12.0
80 11.4 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 5.978 ng
RT: 10.872 min Scan# 1366
Delta R.T. -0.241 min
Lab File: BF132440.D
Acq: 16 Feb 2023 18:45

Tgt Ion:248 Resp: 39336
Ion Ratio Lower Upper
248 100
250 193.2 79.0 118.4#
141 527.2 63.3 94.9#

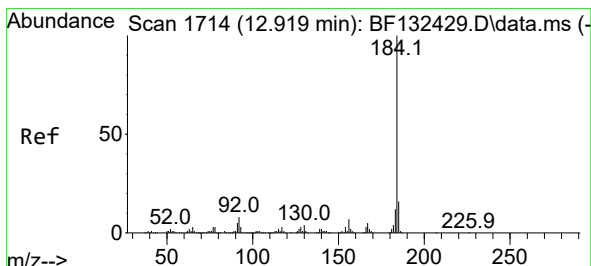
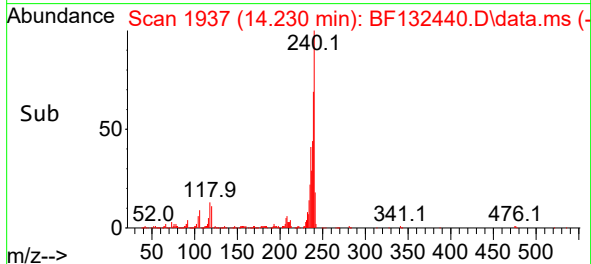
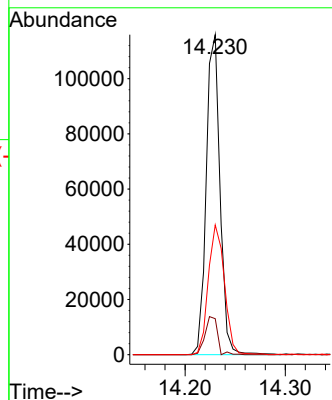
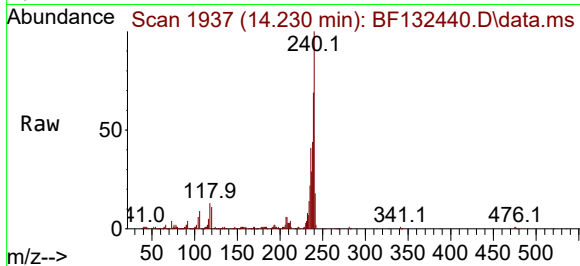




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.230 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF132440.D
Acq: 16 Feb 2023 18:45

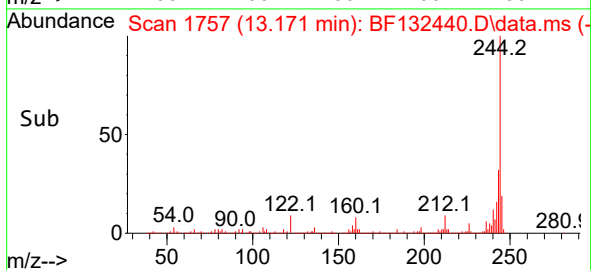
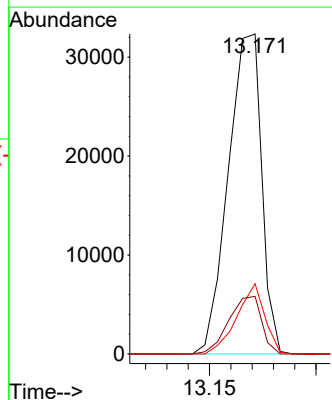
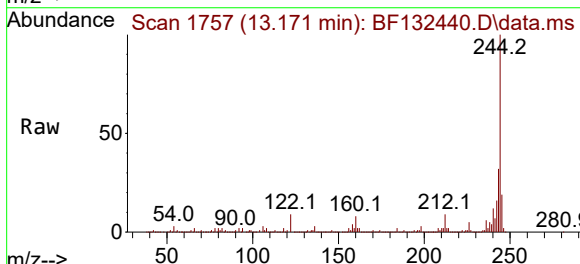
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1-(TP1)-COMP-1RE

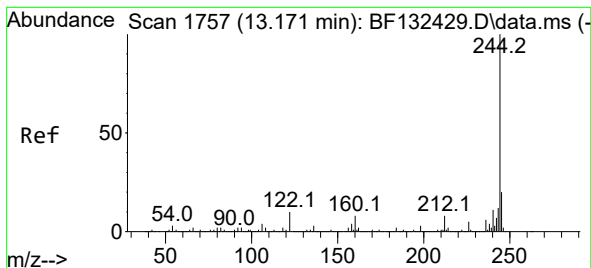
Tgt Ion:240 Resp: 111329
Ion Ratio Lower Upper
240 100
120 11.3 7.5 11.3
236 40.6 21.0 31.6#



#77
Benzidine
Concen: 14.899 ng
RT: 13.171 min Scan# 1757
Delta R.T. 0.253 min
Lab File: BF132440.D
Acq: 16 Feb 2023 18:45

Tgt Ion:184 Resp: 35320
Ion Ratio Lower Upper
184 100
185 18.0 12.4 18.6
183 22.0 9.2 13.8#





#79

Terphenyl-d14

Concen: 350.499 ng

RT: 13.171 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132440.D

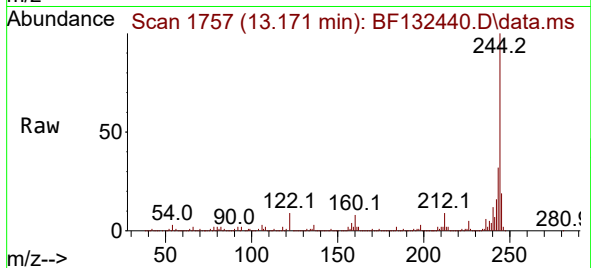
Acq: 16 Feb 2023 18:45

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-1-(TP1)-COMP-1RE



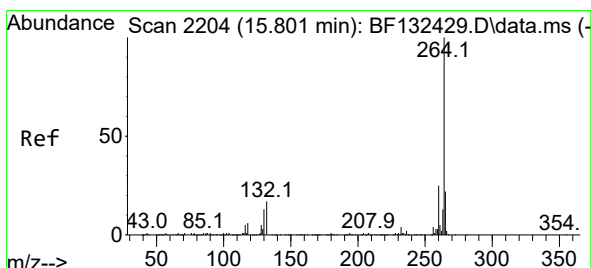
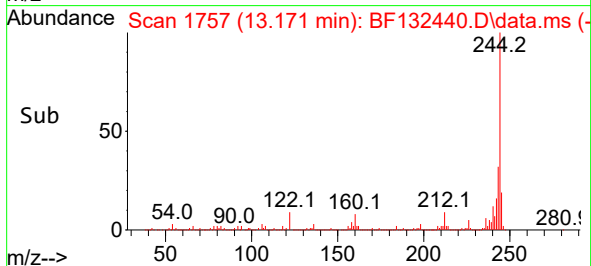
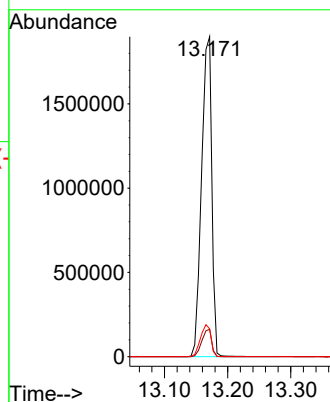
Tgt Ion:244 Resp: 2142579

Ion Ratio Lower Upper

244 100

212 8.6 6.7 10.1

122 8.7 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.789 min Scan# 2202

Delta R.T. -0.012 min

Lab File: BF132440.D

Acq: 16 Feb 2023 18:45

Tgt Ion:264 Resp: 2753

Ion Ratio Lower Upper

264 100

260 99.2 20.0 30.0#

265 22.5 17.2 25.8

