

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021723\
 Data File : BF132450.D
 Acq On : 17 Feb 2023 12:43
 Operator : CG\JU
 Sample : 01537-17RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-6-(TP6)-COMP-3RE

Quant Time: Feb 17 13:18:06 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)

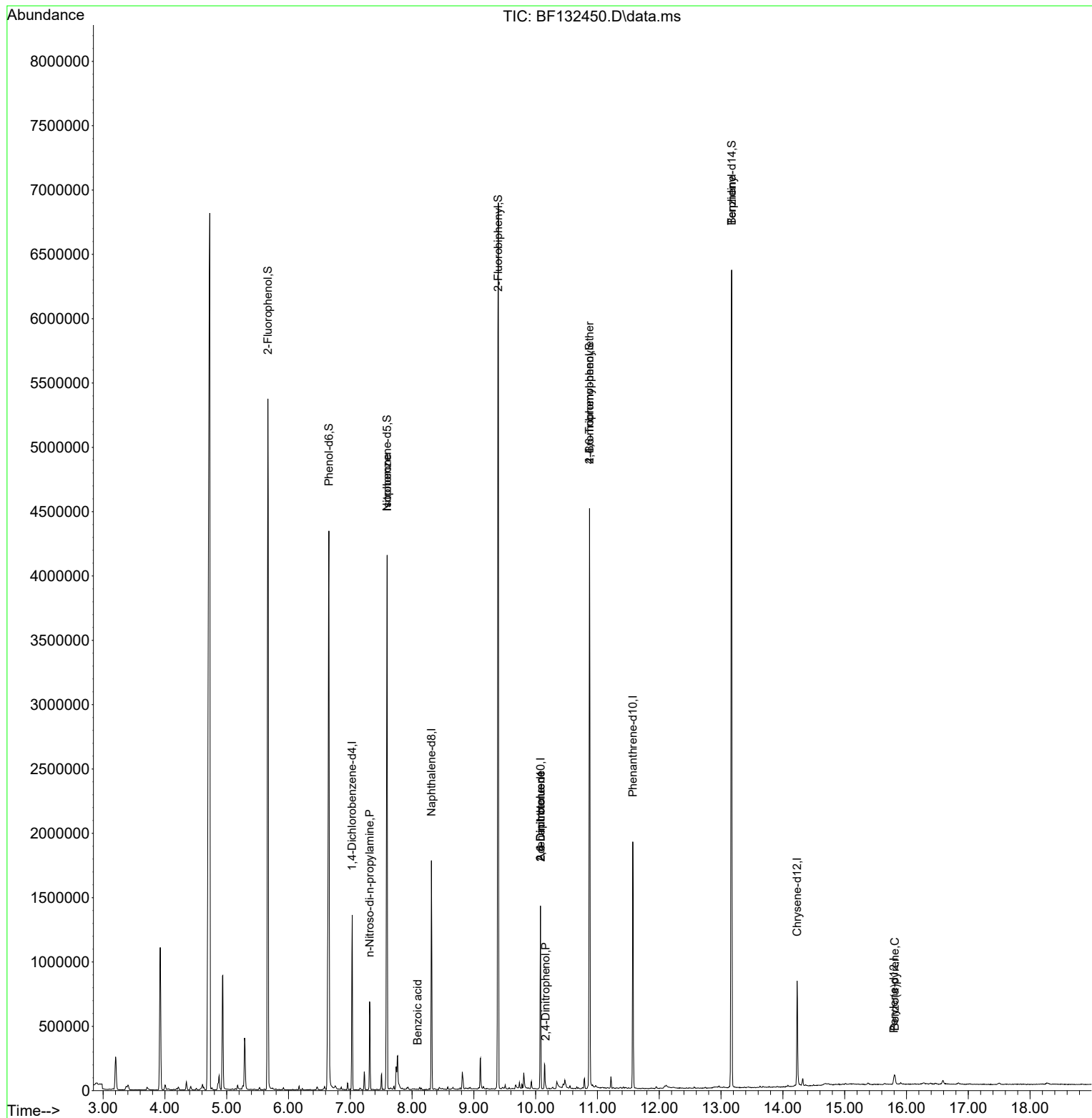
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	188748	20.000	ng	0.00
21) Naphthalene-d8	8.313	136	692298	20.000	ng	0.00
39) Acenaphthene-d10	10.078	164	224894	20.000	ng	0.00
64) Phenanthrene-d10	11.572	188	613249	20.000	ng	0.00
76) Chrysene-d12	14.230	240	187647	20.000	ng	#-0.01
86) Perylene-d12	15.795	264	9170	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.666	112	1545918	131.240	ng	0.02
7) Phenol-d6	6.654	99	1451705	94.383	ng	0.00
23) Nitrobenzene-d5	7.595	82	1377849	95.630	ng	0.00
42) 2,4,6-Tribromophenol	10.872	330	520296	231.875	ng	0.00
45) 2-Fluorobiphenyl	9.395	172	2032345	139.557	ng	0.00
79) Terphenyl-d14	13.172	244	2152720	208.932	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.313	70	27586	2.926	ng	# 37
25) Isophorone	7.595	82	1378026	48.673	ng	# 68
32) Benzoic acid	8.090	122	73	7.158	ng	# 42
51) 2,6-Dinitrotoluene	10.078	165	29391	8.160	ng	# 21
54) 2,4-Dinitrophenol	10.160	184	69	5.157	ng	# 38
57) 2,4-Dinitrotoluene	10.078	165	29391	6.199	ng	# 22
67) 4-Bromophenyl-phenylether	10.872	248	35958	5.350	ng	# 1
77) Benzidine	13.172	184	33871	8.477	ng	# 90
90) Benzo(a)pyrene	15.813	252	1839	3.282	ng	# 1

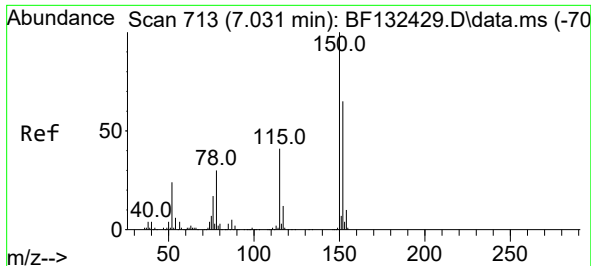
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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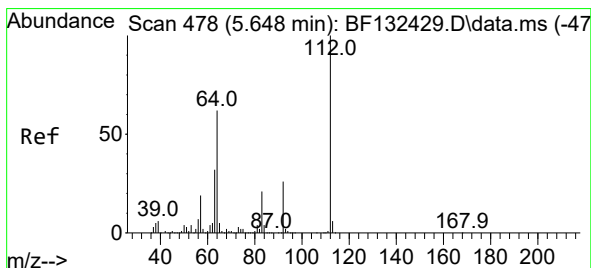
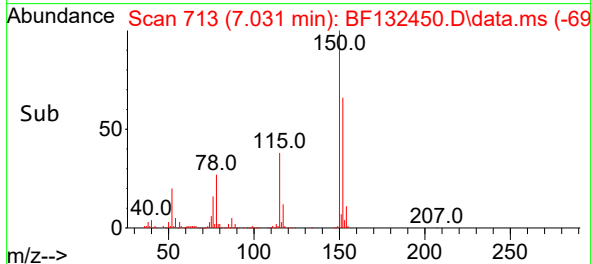
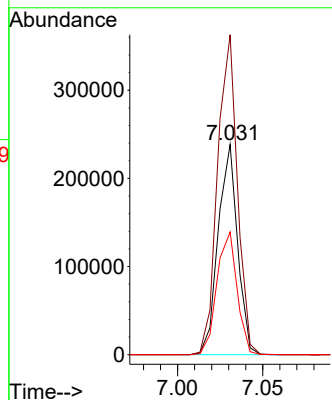
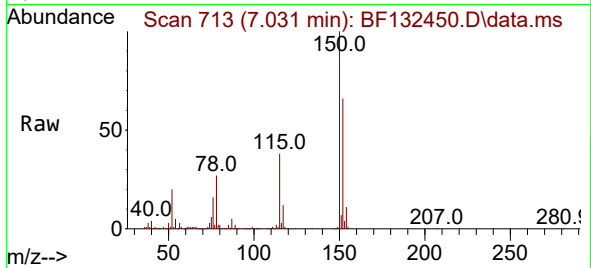




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.031 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132450.D
Acq: 17 Feb 2023 12:43

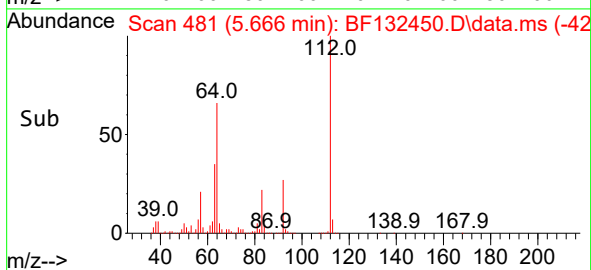
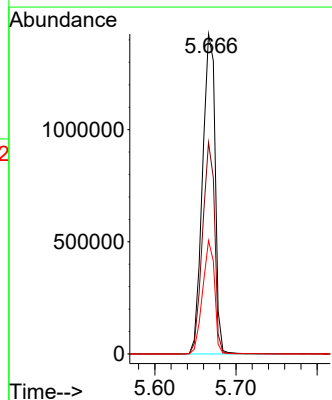
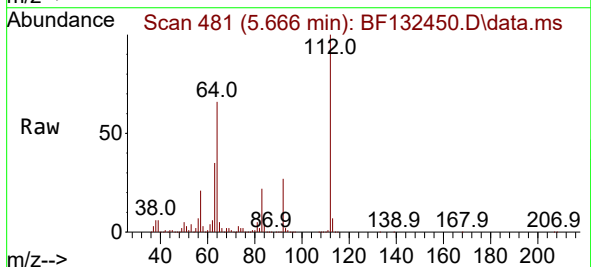
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-6-(TP6)-COMP-3RE

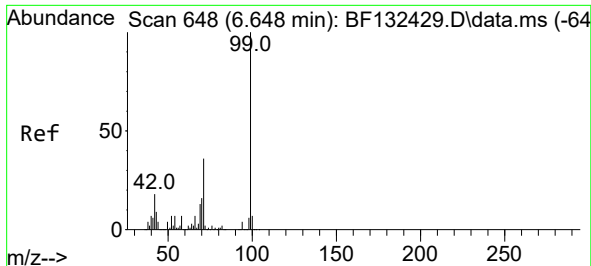
Tgt Ion:152 Resp: 188748
Ion Ratio Lower Upper
152 100
150 152.2 123.8 185.8
115 58.4 50.4 75.6



#5
2-Fluorophenol
Concen: 131.240 ng
RT: 5.666 min Scan# 481
Delta R.T. 0.018 min
Lab File: BF132450.D
Acq: 17 Feb 2023 12:43

Tgt Ion:112 Resp: 1545918
Ion Ratio Lower Upper
112 100
64 66.1 49.7 74.5
63 35.5 25.8 38.8

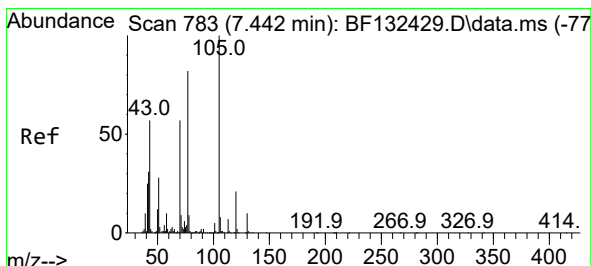
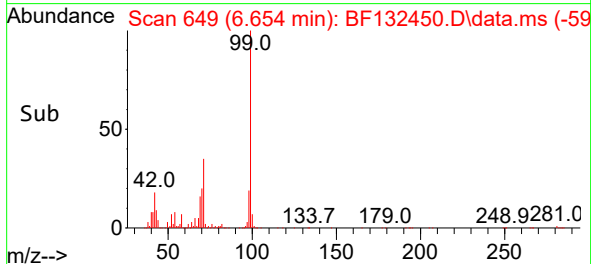
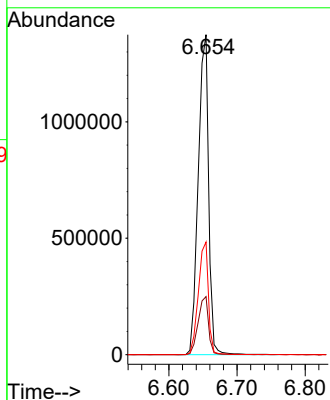
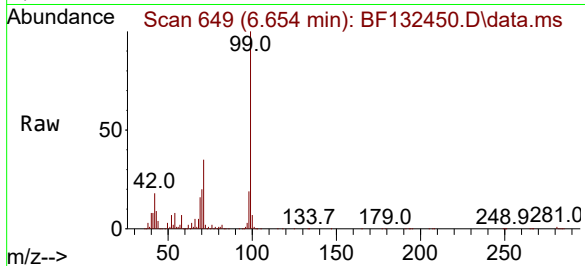




#7
Phenol-d6
Concen: 94.383 ng
RT: 6.654 min Scan# 648
Delta R.T. 0.006 min
Lab File: BF132450.D
Acq: 17 Feb 2023 12:43

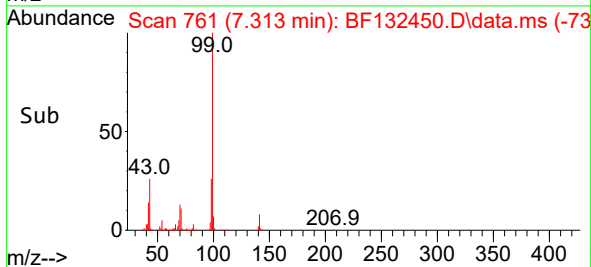
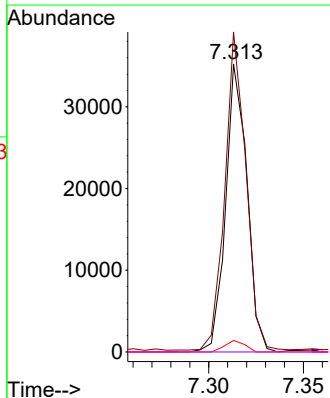
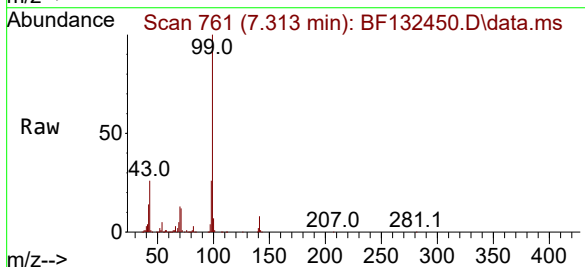
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-6-(TP6)-COMP-3RE

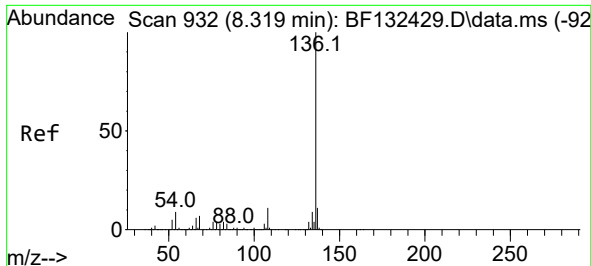
Tgt Ion: 99 Resp: 1451705
Ion Ratio Lower Upper
99 100
42 18.1 14.6 21.8
71 35.2 28.7 43.1



#19
n-Nitroso-di-n-propylamine
Concen: 2.926 ng
RT: 7.313 min Scan# 761
Delta R.T. -0.129 min
Lab File: BF132450.D
Acq: 17 Feb 2023 12:43

Tgt Ion: 70 Resp: 27586
Ion Ratio Lower Upper
70 100
42 111.1 43.5 65.3#
101 4.0 7.3 10.9#
130 0.0 13.9 20.9#



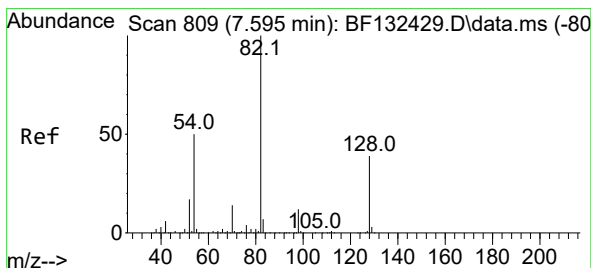
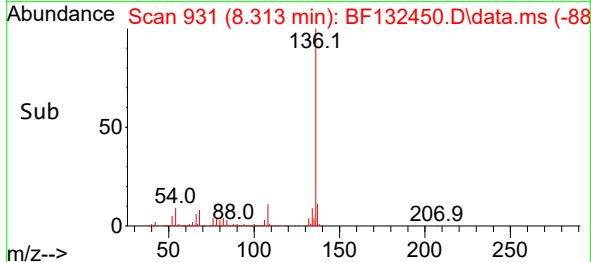
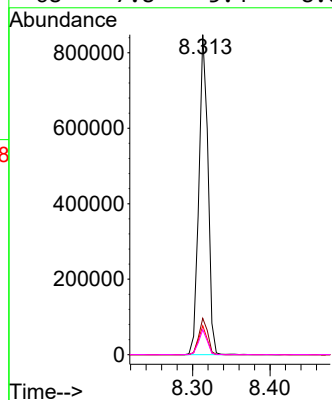
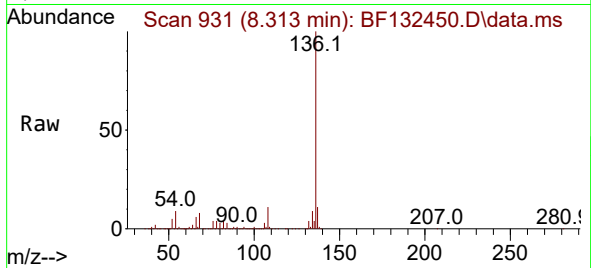


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.313 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132450.D
Acq: 17 Feb 2023 12:43

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-6-(TP6)-COMP-3RE

Tgt Ion:136 Resp: 692298

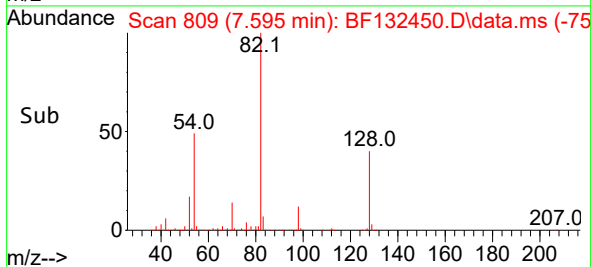
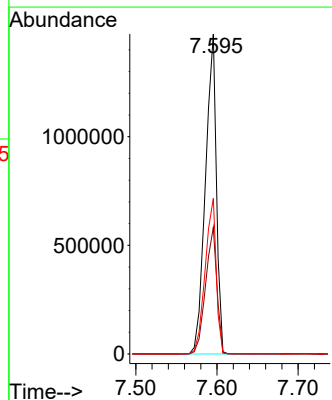
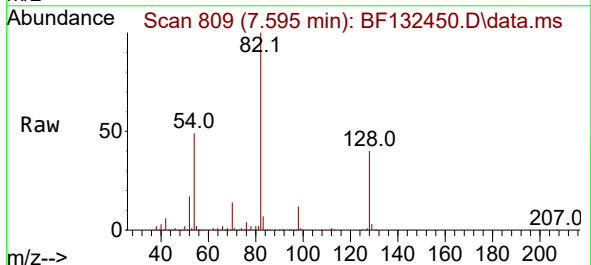
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	9.1	6.9	10.3
68	7.8	5.4	8.0

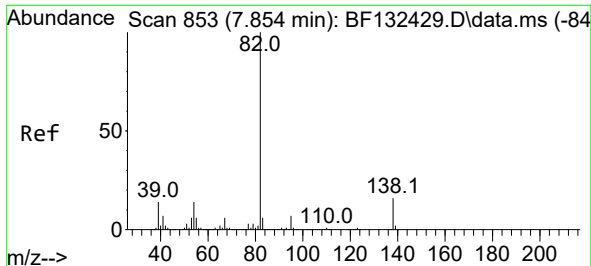


#23
Nitrobenzene-d5
Concen: 95.630 ng
RT: 7.595 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF132450.D
Acq: 17 Feb 2023 12:43

Tgt Ion: 82 Resp: 1377849

Ion	Ratio	Lower	Upper
82	100		
128	39.6	30.8	46.2
54	48.6	40.2	60.4

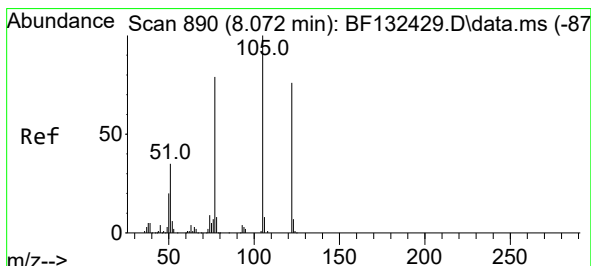
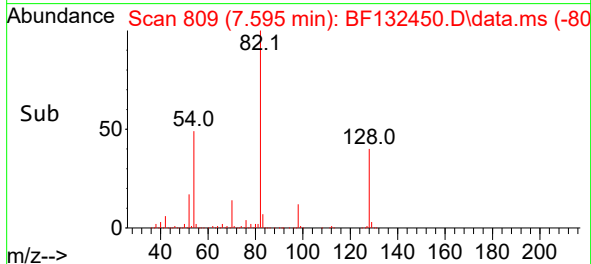
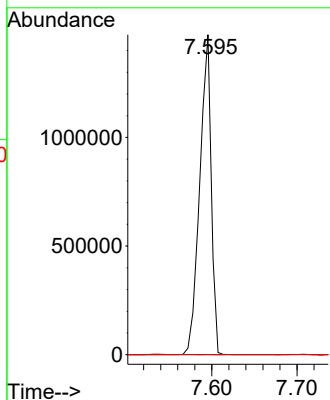
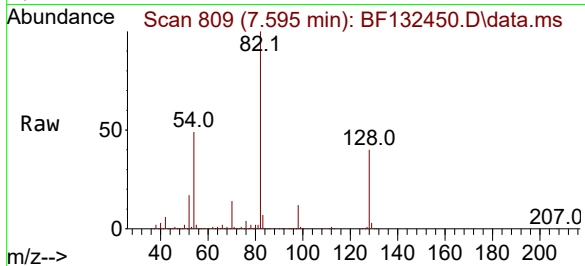




#25
Isophorone
Concen: 48.673 ng
RT: 7.595 min Scan# 809
Delta R.T. -0.259 min
Lab File: BF132450.D
Acq: 17 Feb 2023 12:43

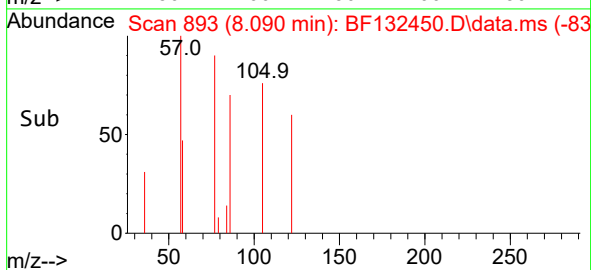
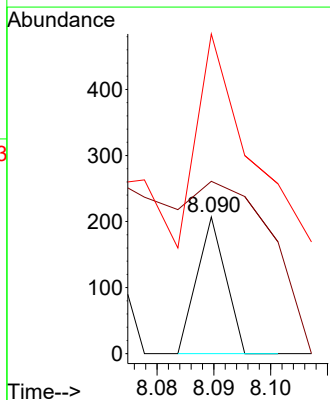
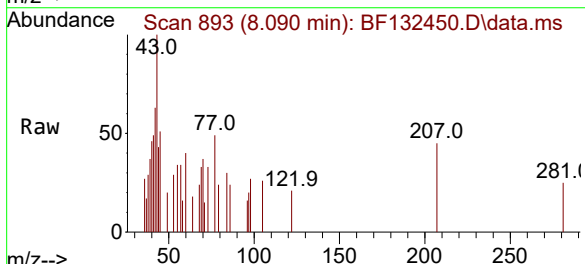
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-6-(TP6)-COMP-3RE

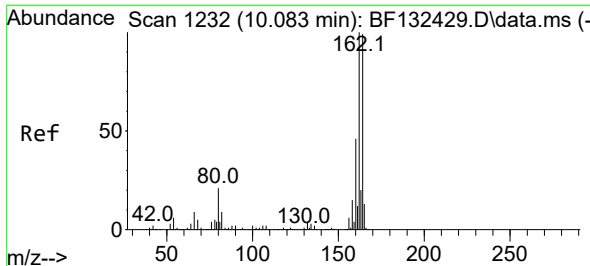
Tgt Ion: 82 Resp: 1378026
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 7.158 ng
RT: 8.090 min Scan# 893
Delta R.T. 0.018 min
Lab File: BF132450.D
Acq: 17 Feb 2023 12:43

Tgt Ion:122 Resp: 73
Ion Ratio Lower Upper
122 100
105 126.1 109.7 149.7
77 233.8 83.8 123.8#

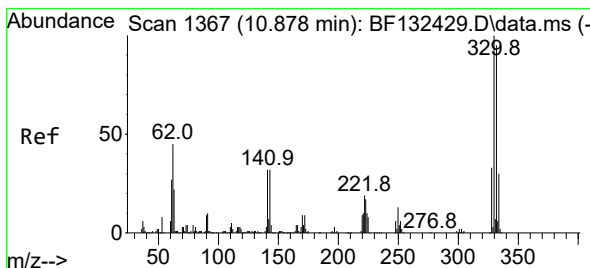
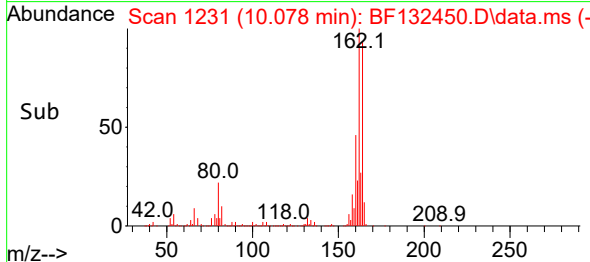
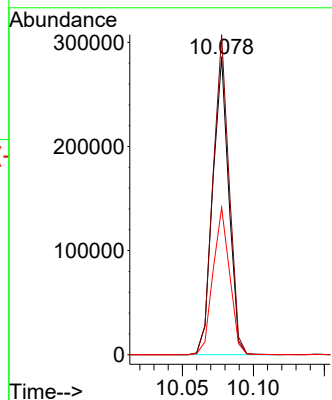
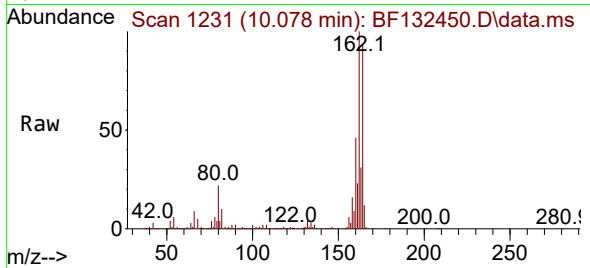




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.078 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132450.D
Acq: 17 Feb 2023 12:43

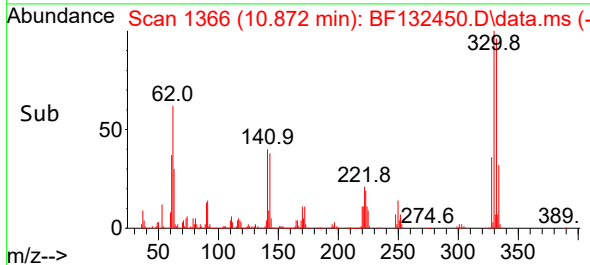
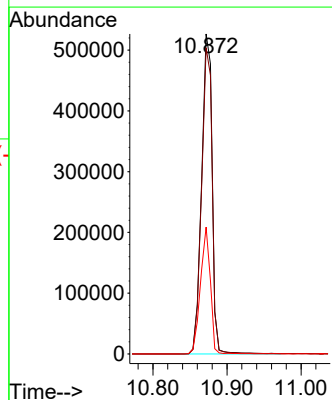
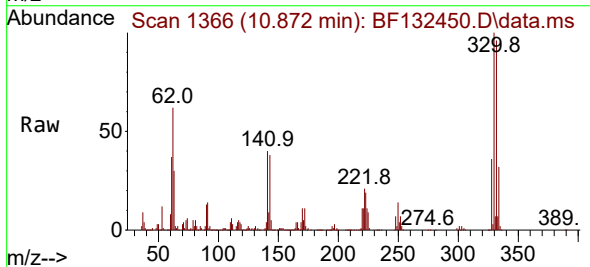
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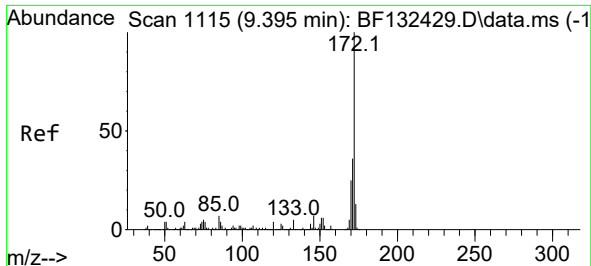
Tgt Ion:164 Resp: 224894
Ion Ratio Lower Upper
164 100
162 107.4 80.8 121.2
160 49.4 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 231.875 ng
RT: 10.872 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BF132450.D
Acq: 17 Feb 2023 12:43

Tgt Ion:330 Resp: 520296
Ion Ratio Lower Upper
330 100
332 96.4 76.3 114.5
141 37.2 30.3 45.5

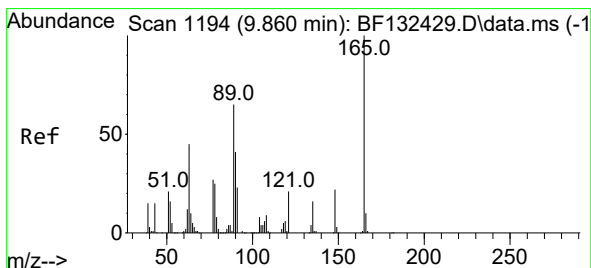
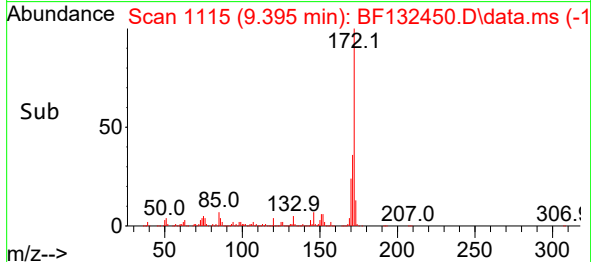
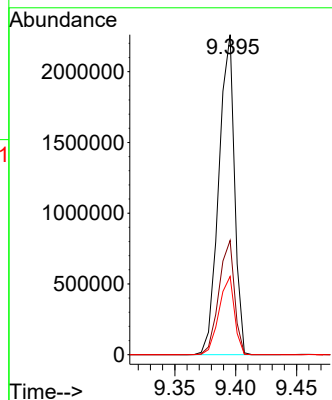
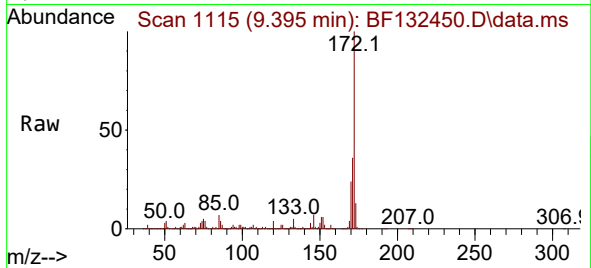




#45
2-Fluorobiphenyl
Concen: 139.557 ng
RT: 9.395 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF132450.D
Acq: 17 Feb 2023 12:43

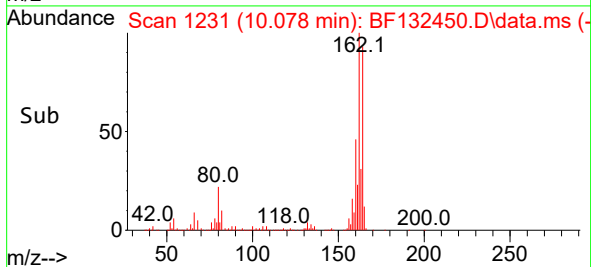
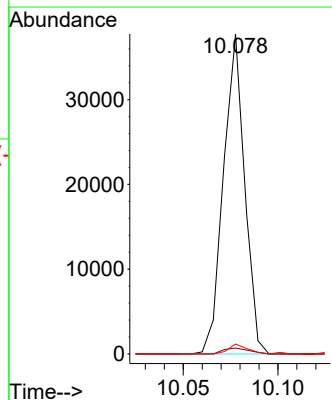
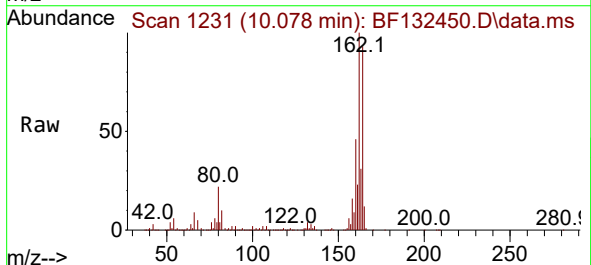
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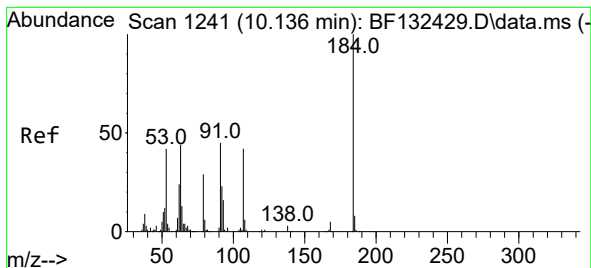
Tgt Ion:172 Resp: 2032345
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 24.5 19.9 29.9



#51
2,6-Dinitrotoluene
Concen: 8.160 ng
RT: 10.078 min Scan# 1231
Delta R.T. 0.218 min
Lab File: BF132450.D
Acq: 17 Feb 2023 12:43

Tgt Ion:165 Resp: 29391
Ion Ratio Lower Upper
165 100
63 1.8 50.4 75.6#
89 3.1 52.2 78.2#





#54

2,4-Dinitrophenol

Concen: 5.157 ng

RT: 10.160 min Scan# 11

Delta R.T. 0.024 min

Lab File: BF132450.D

Acq: 17 Feb 2023 12:43

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-6-(TP6)-COMP-3RE

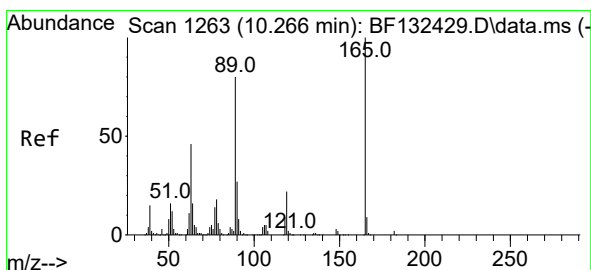
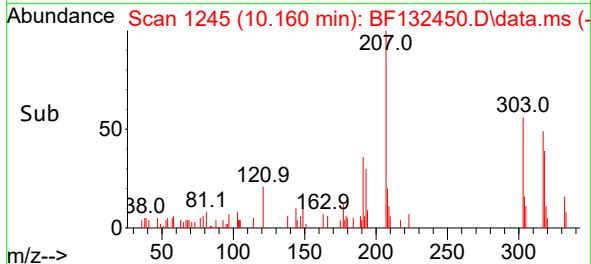
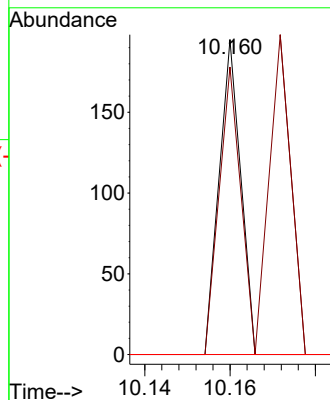
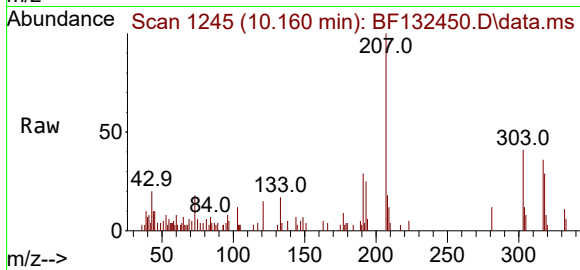
Tgt Ion:184 Resp: 69

Ion Ratio Lower Upper

184 100

63 91.3 47.0 70.6#

154 0.0 49.0 73.6#



#57

2,4-Dinitrotoluene

Concen: 6.199 ng

RT: 10.078 min Scan# 1231

Delta R.T. -0.188 min

Lab File: BF132450.D

Acq: 17 Feb 2023 12:43

Tgt Ion:165 Resp: 29391

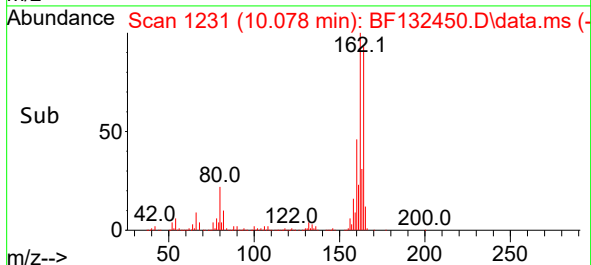
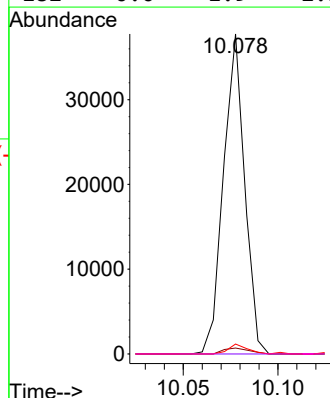
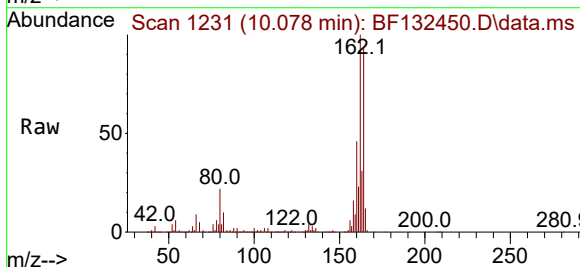
Ion Ratio Lower Upper

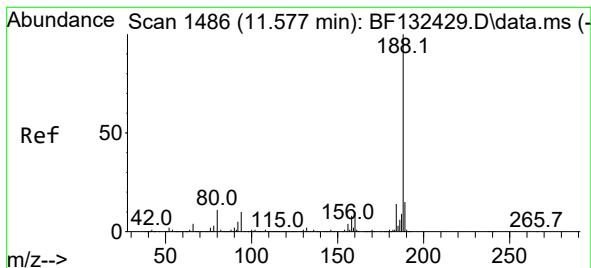
165 100

63 1.8 37.1 55.7#

89 3.1 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: BF132450.D

Acq: 17 Feb 2023 12:43

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-6-(TP6)-COMP-3RE

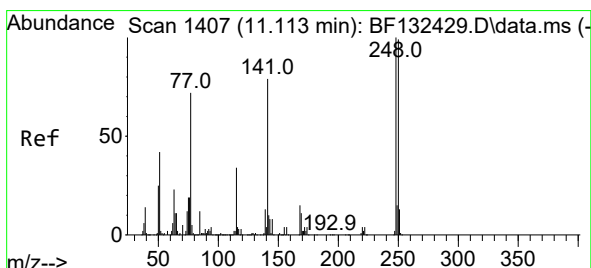
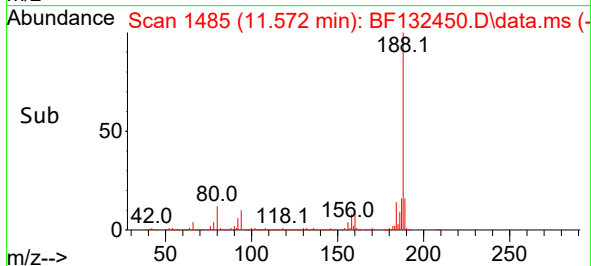
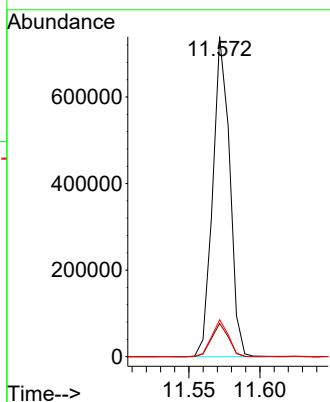
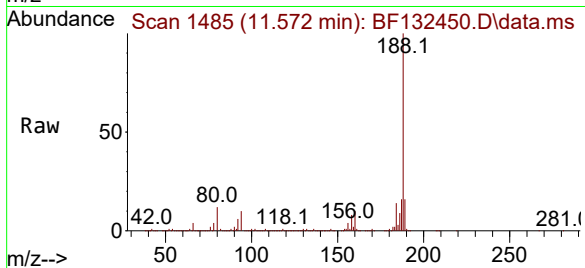
Tgt Ion:188 Resp: 613249

Ion Ratio Lower Upper

188 100

94 10.4 8.0 12.0

80 11.5 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 5.350 ng

RT: 10.872 min Scan# 1366

Delta R.T. -0.241 min

Lab File: BF132450.D

Acq: 17 Feb 2023 12:43

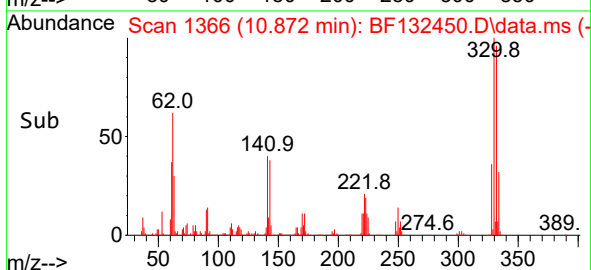
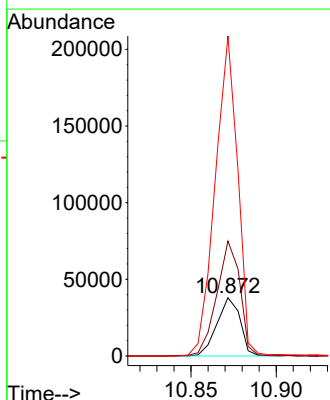
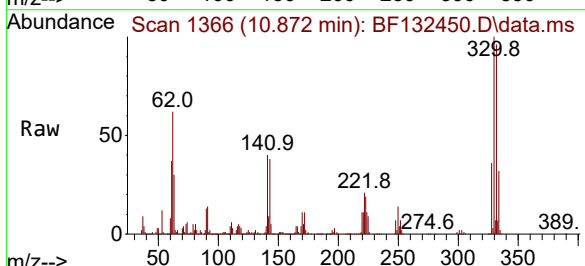
Tgt Ion:248 Resp: 35958

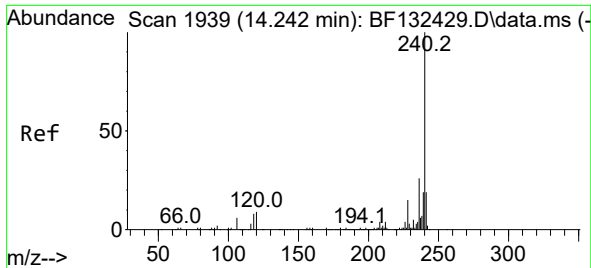
Ion Ratio Lower Upper

248 100

250 197.4 79.0 118.4#

141 550.0 63.3 94.9#

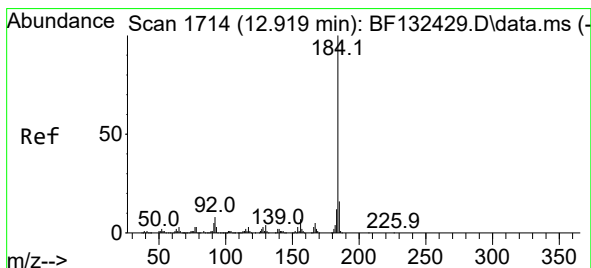
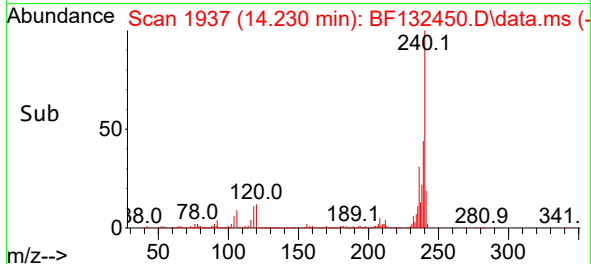
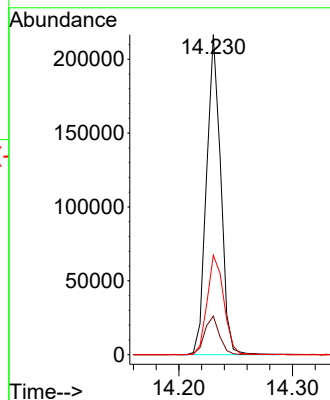
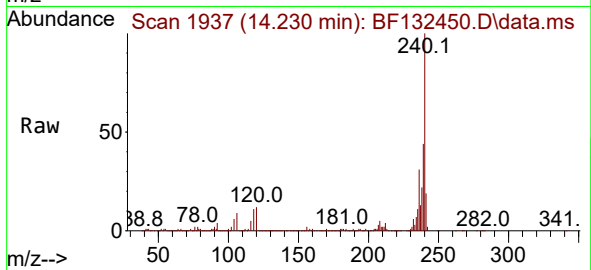




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.230 min Scan# 1939
Delta R.T. -0.012 min
Lab File: BF132450.D
Acq: 17 Feb 2023 12:43

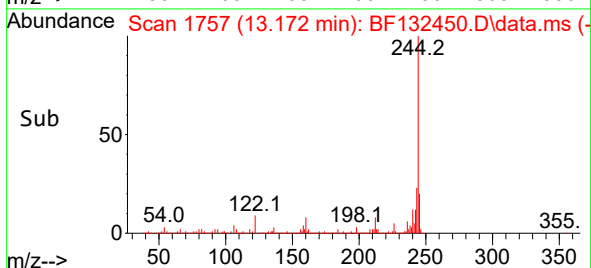
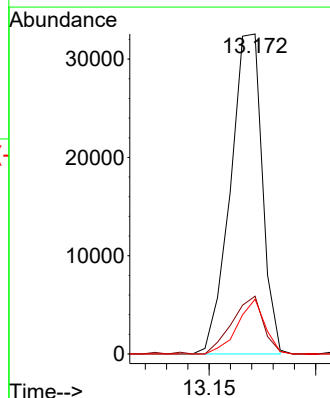
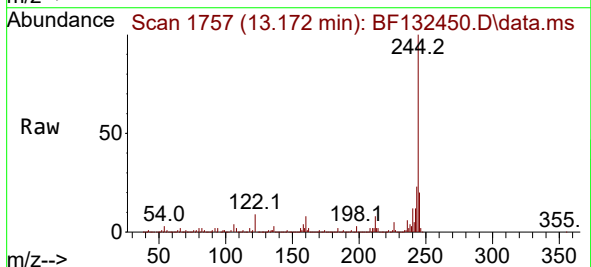
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-6-(TP6)-COMP-3RE

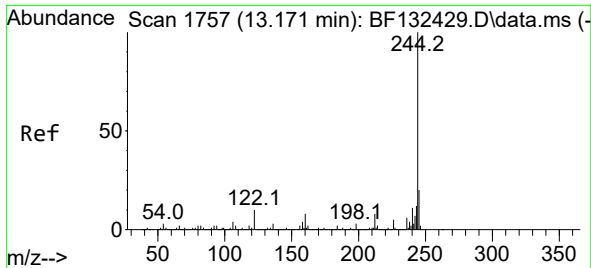
Tgt Ion:240 Resp: 187647
Ion Ratio Lower Upper
240 100
120 12.0 7.5 11.3#
236 31.1 21.0 31.6



#77
Benzidine
Concen: 8.477 ng
RT: 13.172 min Scan# 1757
Delta R.T. 0.253 min
Lab File: BF132450.D
Acq: 17 Feb 2023 12:43

Tgt Ion:184 Resp: 33871
Ion Ratio Lower Upper
184 100
185 18.1 12.4 18.6
183 17.1 9.2 13.8#

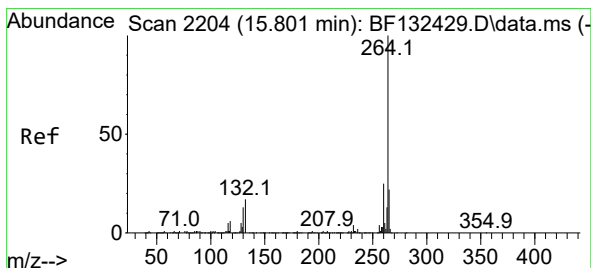
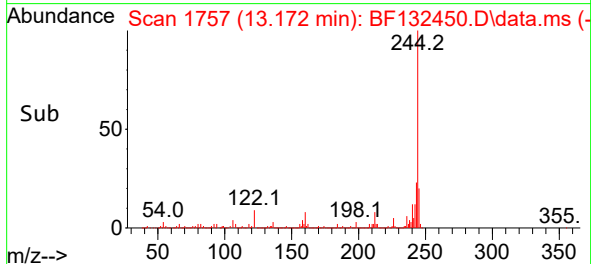
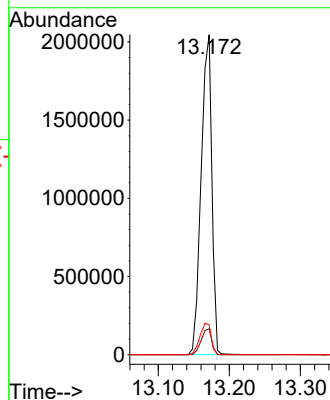
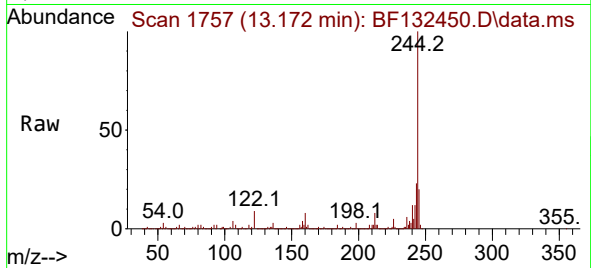




#79
 Terphenyl-d14
 Concen: 208.932 ng
 RT: 13.172 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132450.D
 Acq: 17 Feb 2023 12:43

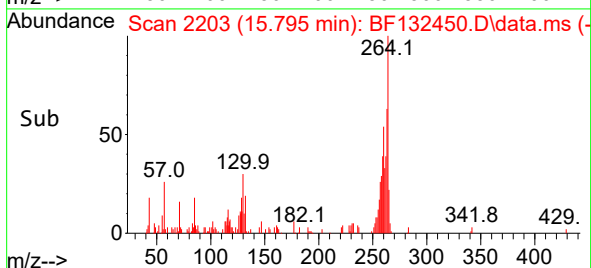
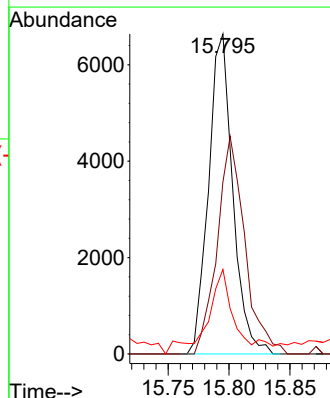
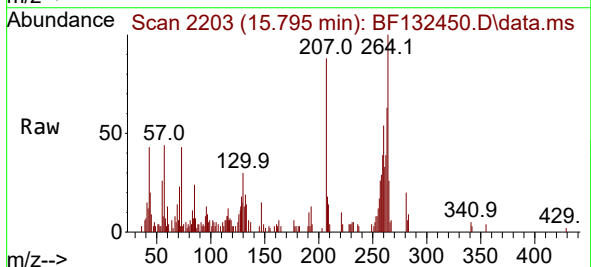
Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-6-(TP6)-COMP-3RE

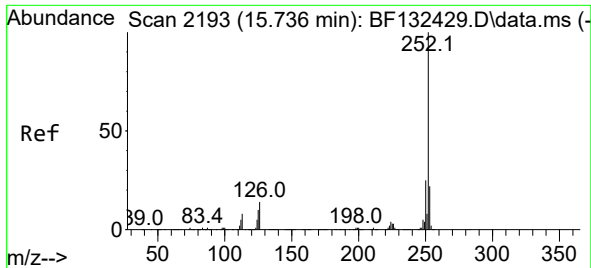
Tgt Ion:244 Resp: 2152720
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.7 10.1
 122 9.4 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.795 min Scan# 2203
 Delta R.T. -0.006 min
 Lab File: BF132450.D
 Acq: 17 Feb 2023 12:43

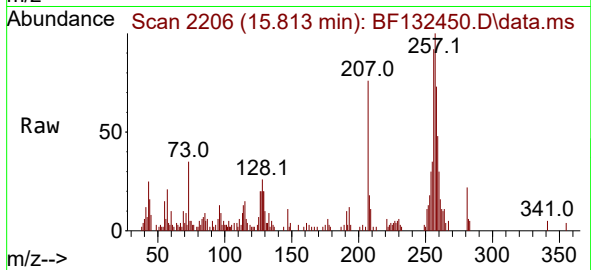
Tgt Ion:264 Resp: 9170
 Ion Ratio Lower Upper
 264 100
 260 53.8 20.0 30.0#
 265 26.4 17.2 25.8#





#90
Benzo(a)pyrene
Concen: 3.282 ng
RT: 15.813 min Scan# 21
Delta R.T. 0.077 min
Lab File: BF132450.D
Acq: 17 Feb 2023 12:43

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-6-(TP6)-COMP-3RE



Tgt Ion:252 Resp: 1839
Ion Ratio Lower Upper
252 100
253 142.8 17.6 26.4#
125 59.2 8.2 12.4#

