

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

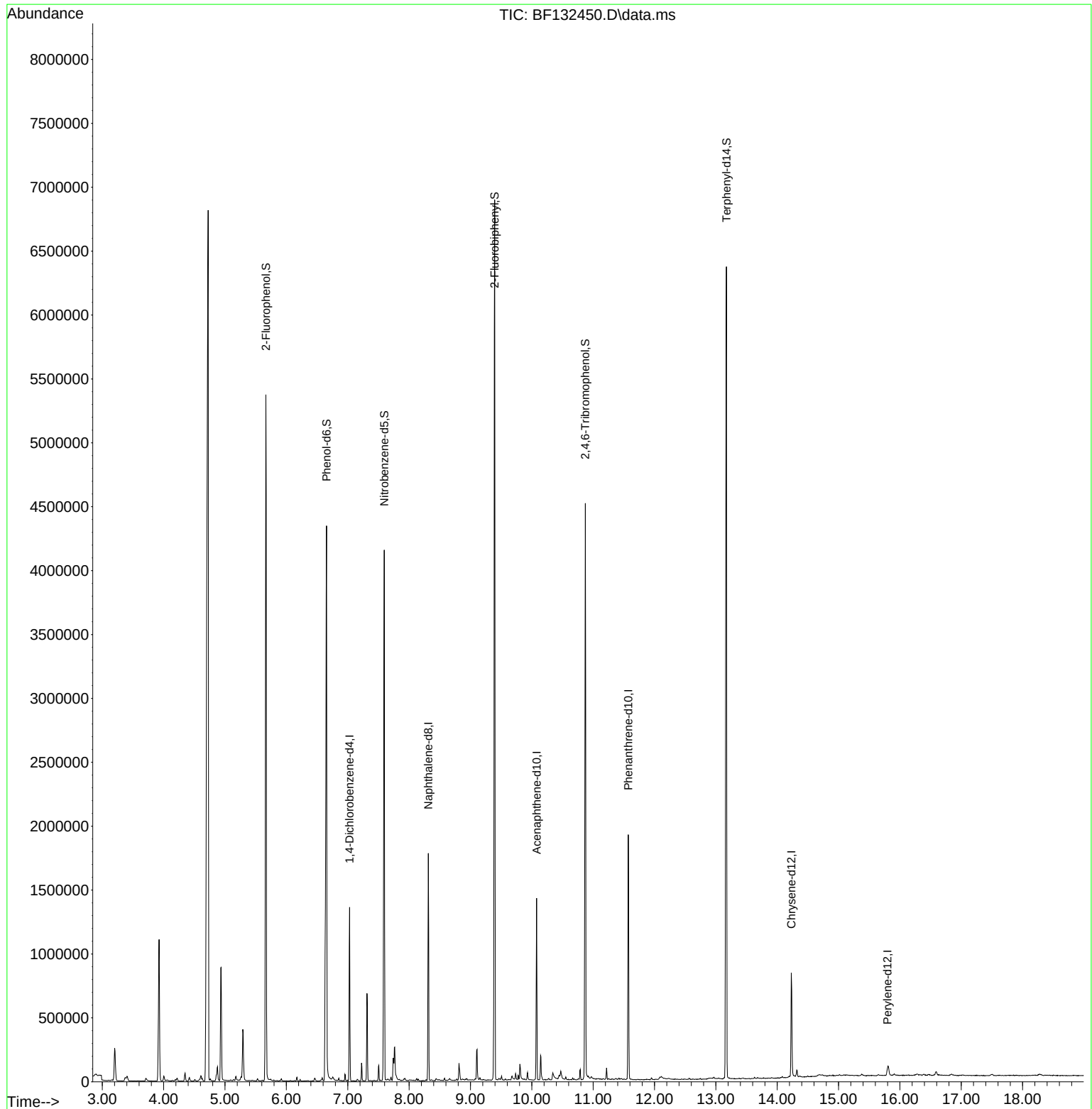
Target Compounds Qvalue

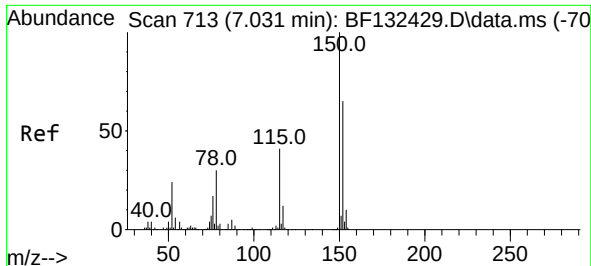
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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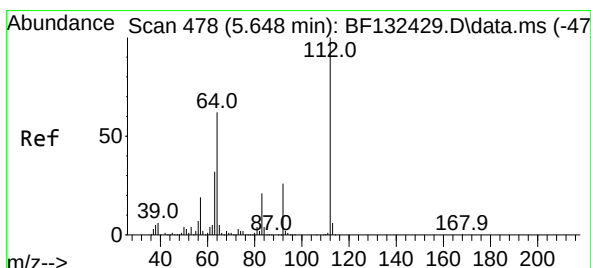
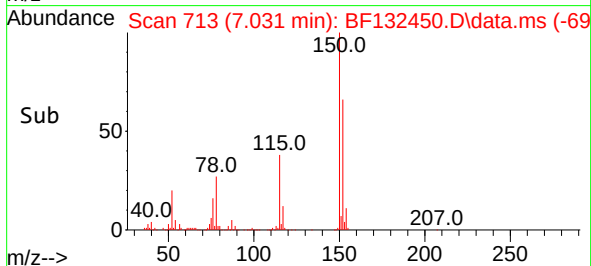
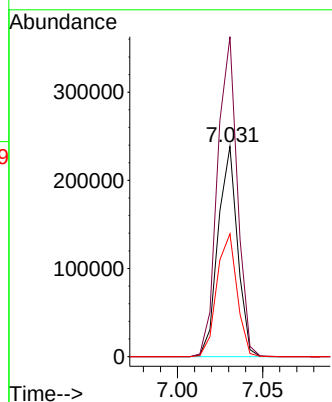
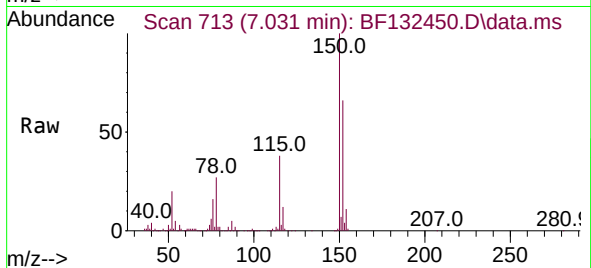




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.031 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132450.D
Acq: 17 Feb 2023 12:43

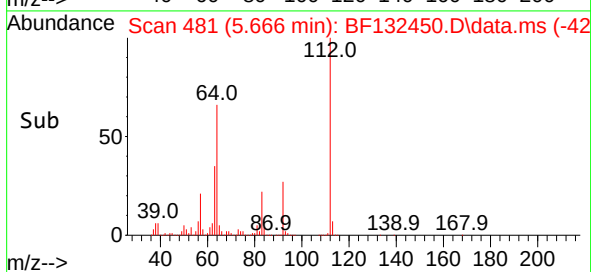
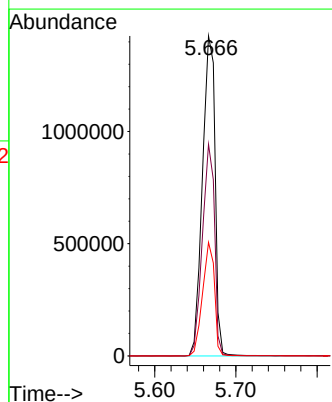
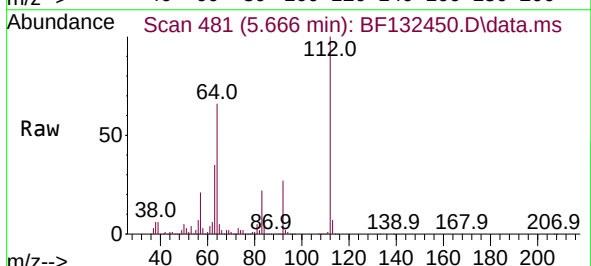
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-6-(TP6)-COMP-3RE

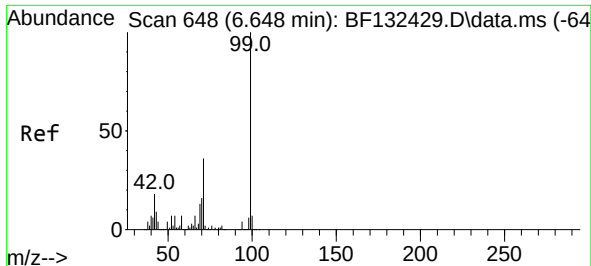
Tgt Ion:152 Resp: 188748
Ion Ratio Lower Upper
152 100
150 152.2 123.8 185.8
115 58.4 50.4 75.6



#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

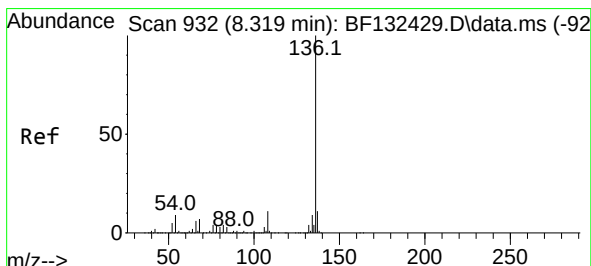
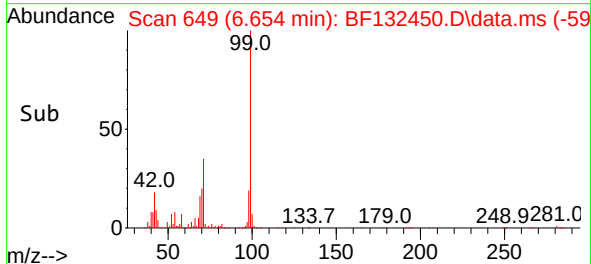
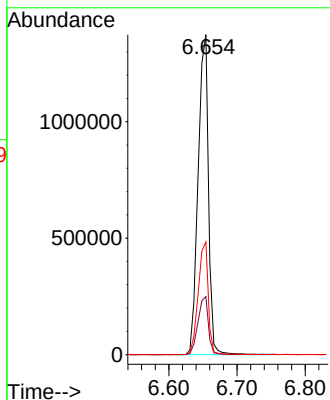
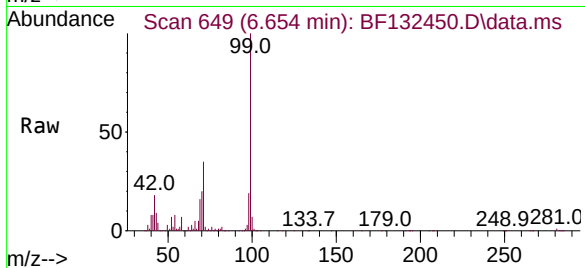




#7
Phenol-d6
Concen: 94.383 ng
RT: 6.654 min Scan# 648
Delta R.T. 0.006 min
Lab File: BF132450.D
Acq: 17 Feb 2023 12:43

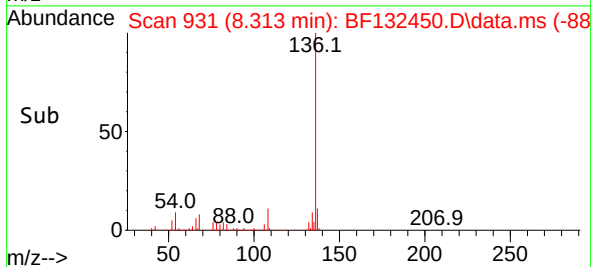
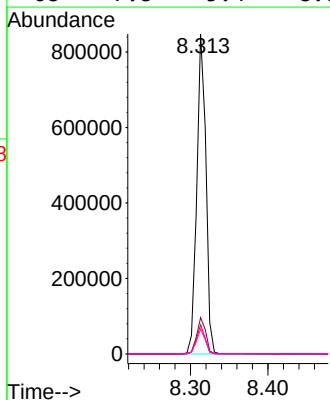
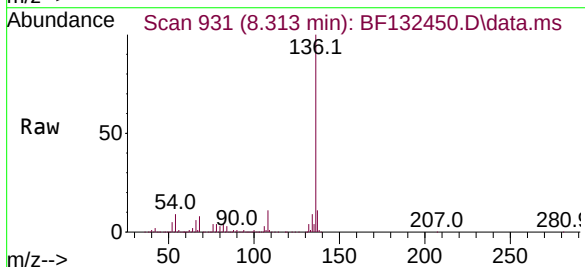
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-6-(TP6)-COMP-3RE

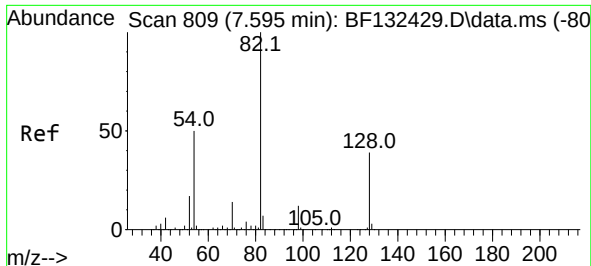
Tgt Ion: 99 Resp: 1451705
Ion Ratio Lower Upper
99 100
42 18.1 14.6 21.8
71 35.2 28.7 43.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.313 min Scan# 931
Delta R.T. -0.006 min
Lab File: BF132450.D
Acq: 17 Feb 2023 12:43

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

Instrument :

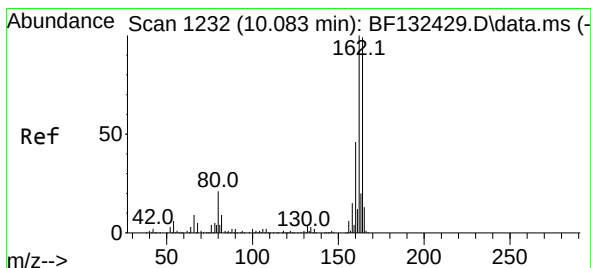
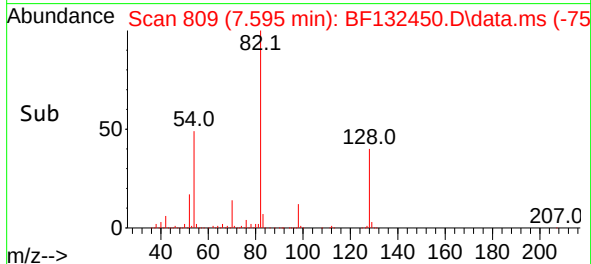
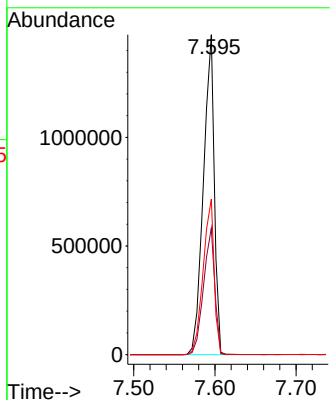
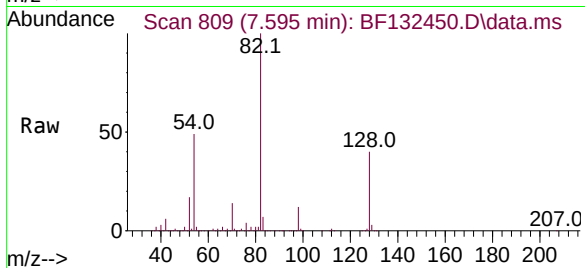
BNA_F

ClientSampleId :

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

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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.078 min Scan# 1231

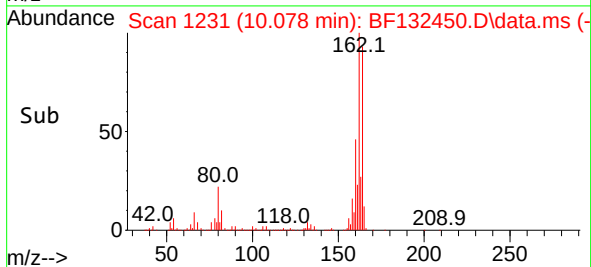
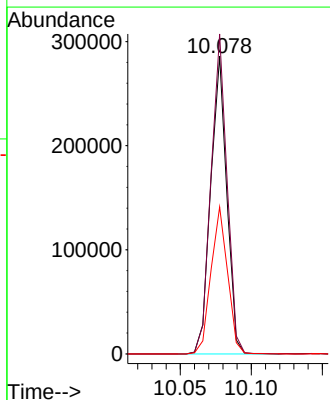
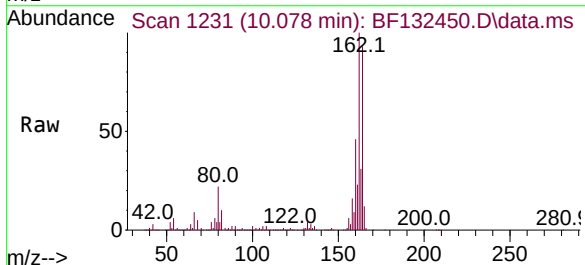
Delta R.T. -0.006 min

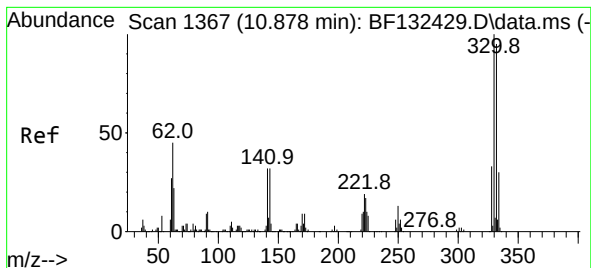
Lab File: BF132450.D

Acq: 17 Feb 2023 12:43

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

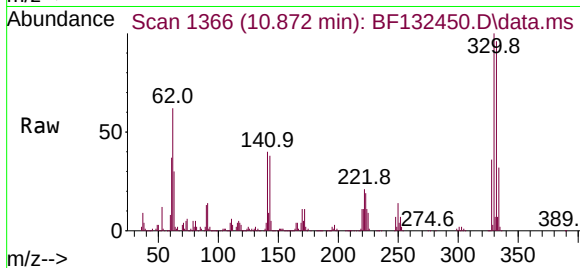
Acq: 17 Feb 2023 12:43

Instrument :

BNA_F

ClientSampleId :

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



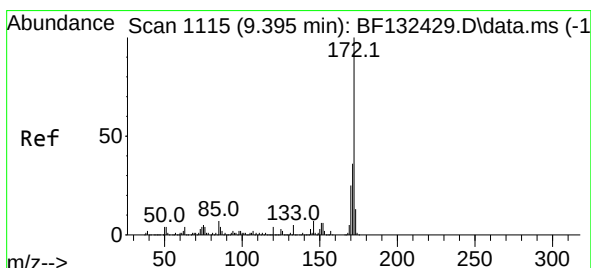
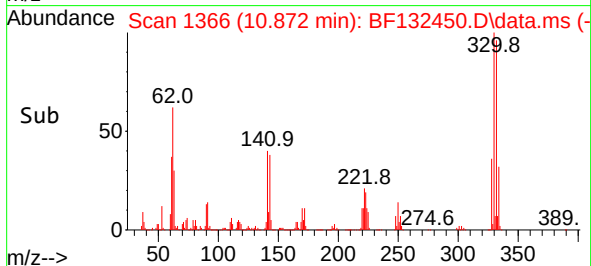
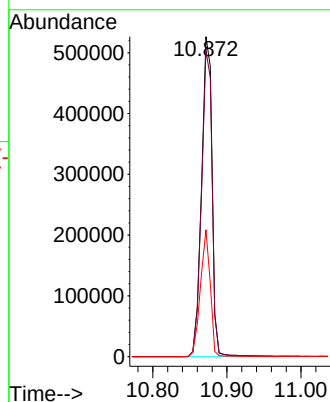
Tgt Ion:330 Resp: 520296

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

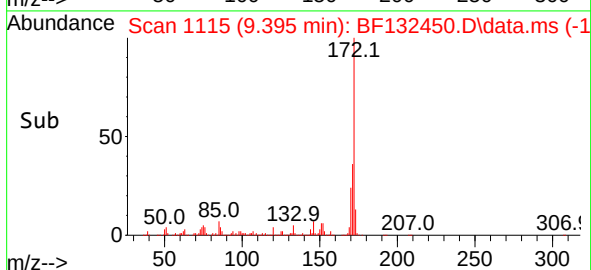
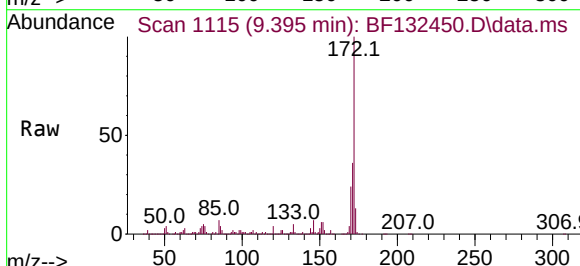
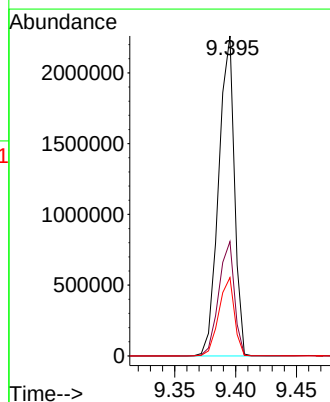
Tgt Ion:172 Resp: 2032345

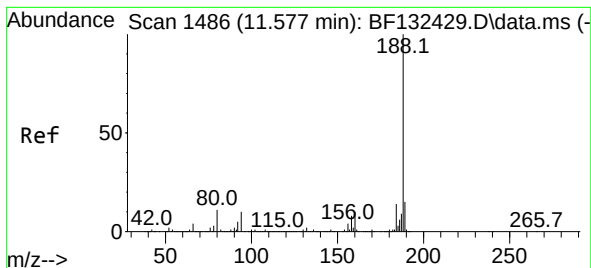
Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

170 24.5 19.9 29.9





#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

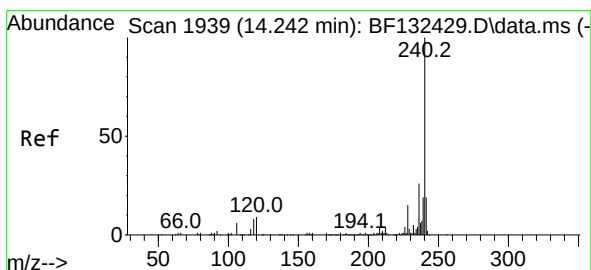
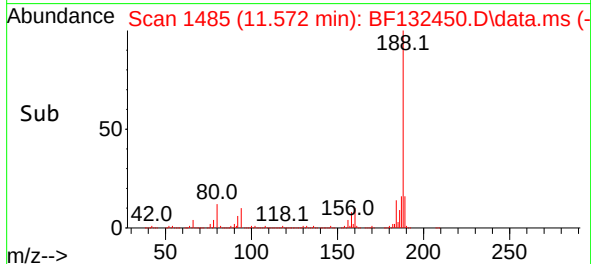
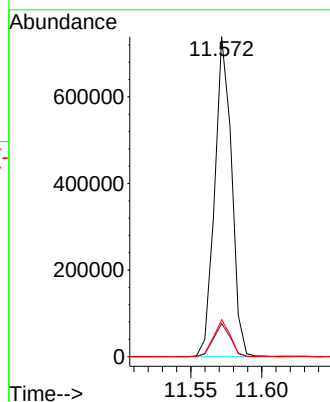
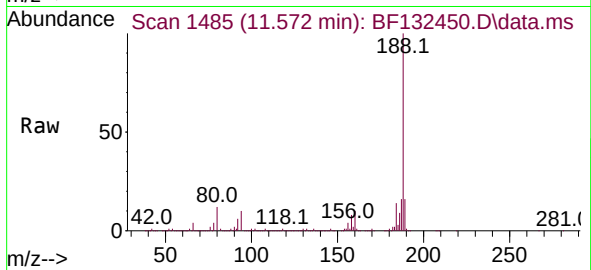
Tgt Ion:188 Resp: 613249

Ion Ratio Lower Upper

188 100

94 10.4 8.0 12.0

80 11.5 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.230 min Scan# 1937

Delta R.T. -0.012 min

Lab File: BF132450.D

Acq: 17 Feb 2023 12:43

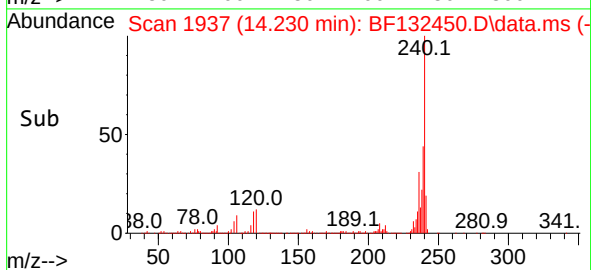
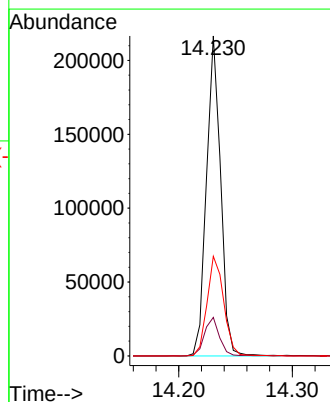
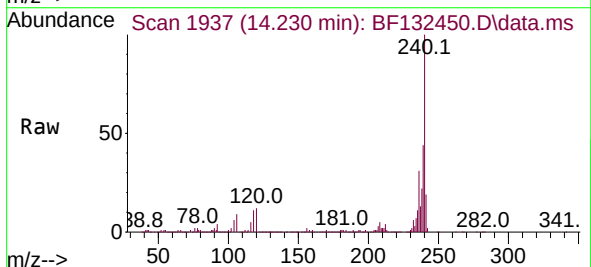
Tgt Ion:240 Resp: 187647

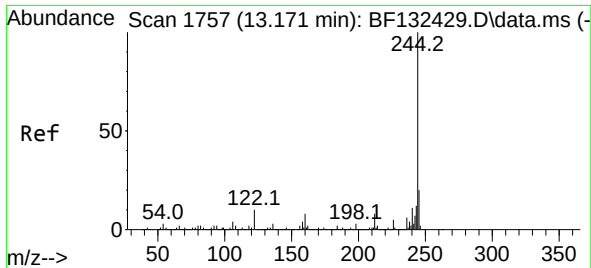
Ion Ratio Lower Upper

240 100

120 12.0 7.5 11.3#

236 31.1 21.0 31.6

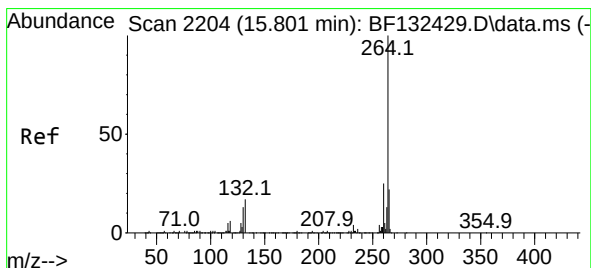
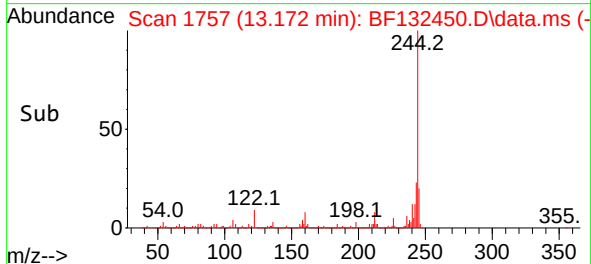
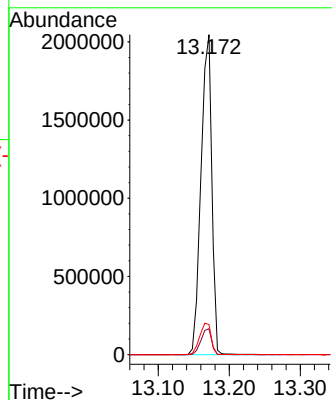
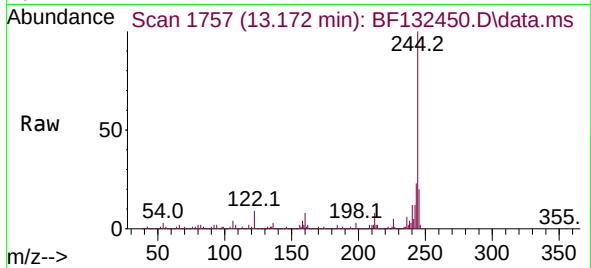




#79
 Terphenyl-d14
 Concen: 208.932 ng
 RT: 13.172 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132450.D
 Acq: 17 Feb 2023 12:43

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 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#

