

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
 Data File : BF133597.D
 Acq On : 06 Jun 2023 18:11
 Operator : CG\JU
 Sample : 02981-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Jun 06 18:42:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 14:05:12 2023
 Response via : Initial Calibration

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

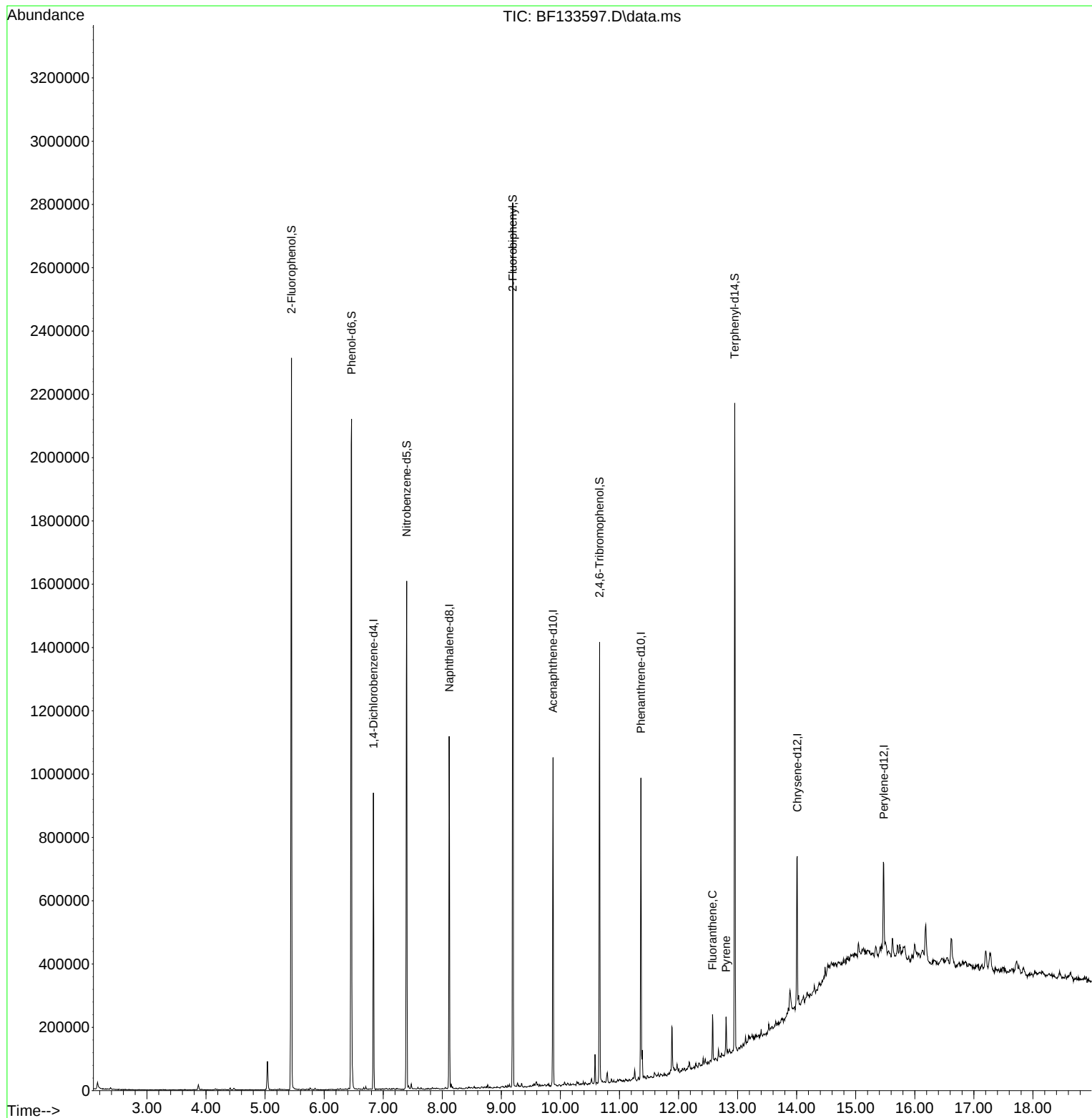
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	120728	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	438690	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	184997	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	318141	20.000	ng	0.00
76) Chrysene-d12	14.010	240	164454	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	137363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	602545	83.272	ng	0.00
7) Phenol-d6	6.463	99	714373	80.200	ng	0.00
23) Nitrobenzene-d5	7.398	82	439808	66.939	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	152827	82.874	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	800685	66.802	ng	0.00
79) Terphenyl-d14	12.951	244	694650	75.102	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.575	202	58252	3.273	ng	98
78) Pyrene	12.804	202	46503	3.323	ng	98

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

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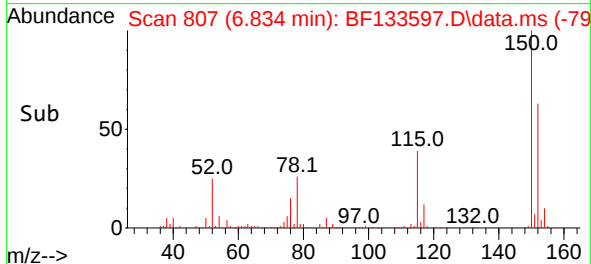
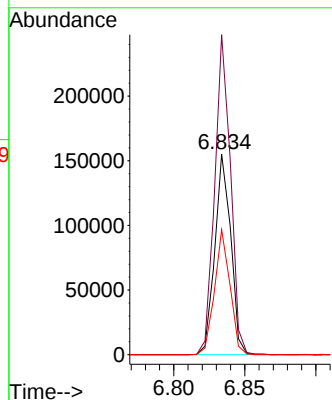
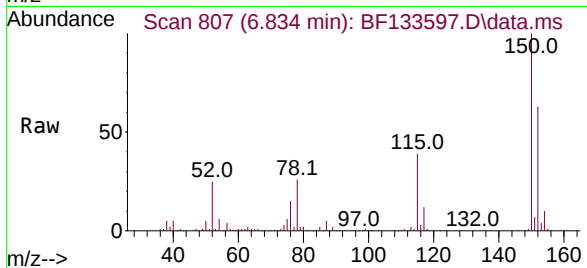




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133597.D
Acq: 06 Jun 2023 18:11

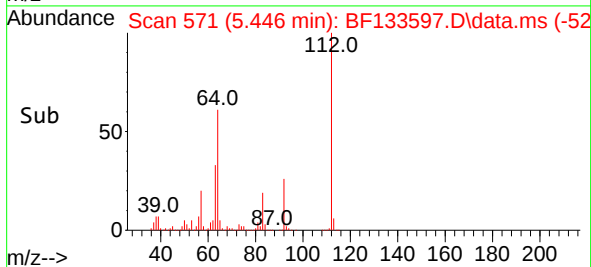
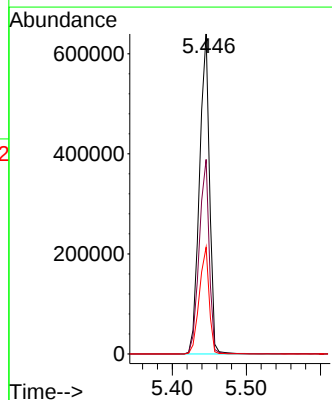
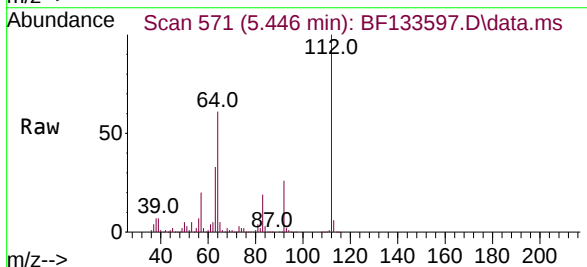
Instrument :
BNA_F
ClientSampleId :
TP-4

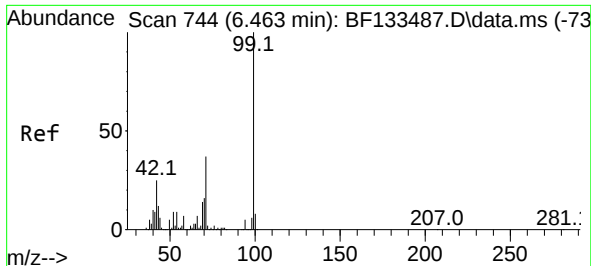
Tgt Ion:152 Resp: 120728
Ion Ratio Lower Upper
152 100
150 159.4 124.9 187.3
115 62.3 48.1 72.1



#5
2-Fluorophenol
Concen: 83.272 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF133597.D
Acq: 06 Jun 2023 18:11

Tgt Ion:112 Resp: 602545
Ion Ratio Lower Upper
112 100
64 60.8 50.1 75.1
63 33.3 27.5 41.3

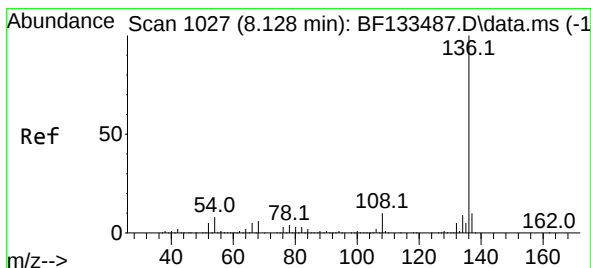
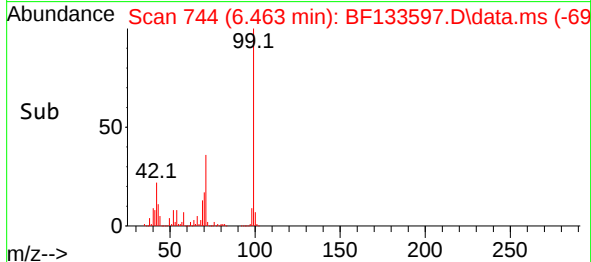
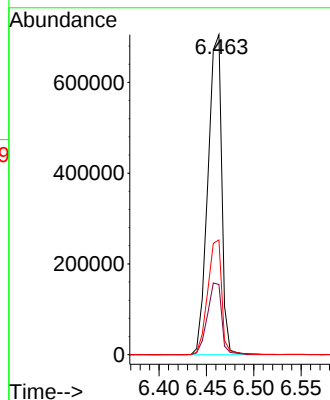
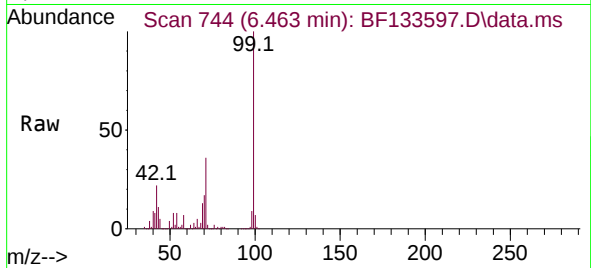




#7
Phenol-d6
Concen: 80.200 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF133597.D
Acq: 06 Jun 2023 18:11

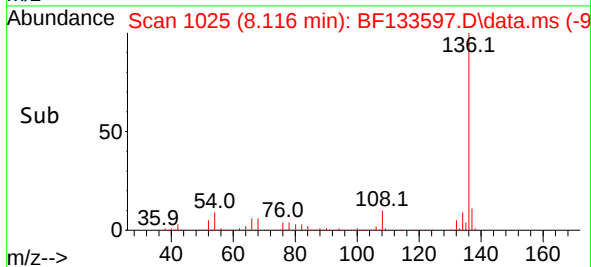
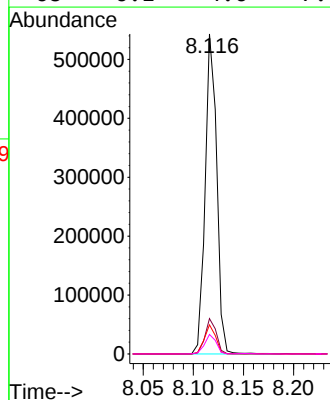
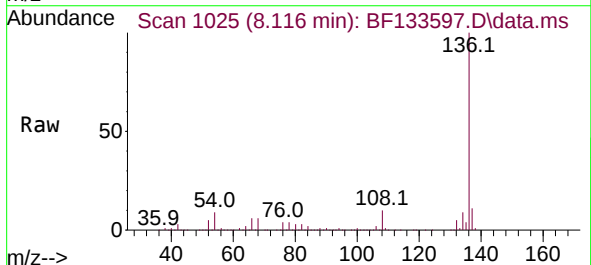
Instrument :
BNA_F
ClientSampleId :
TP-4

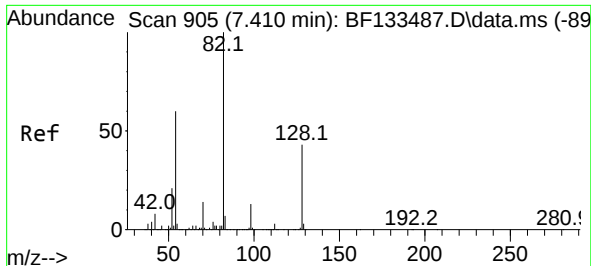
Tgt Ion: 99 Resp: 714373
Ion Ratio Lower Upper
99 100
42 21.9 19.7 29.5
71 35.9 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133597.D
Acq: 06 Jun 2023 18:11

Tgt Ion: 136 Resp: 438690
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.4
54 9.1 6.6 10.0
68 6.1 4.6 7.0





#23

Nitrobenzene-d5

Concen: 66.939 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133597.D

Acq: 06 Jun 2023 18:11

Instrument :

BNA_F

ClientSampleId :

TP-4

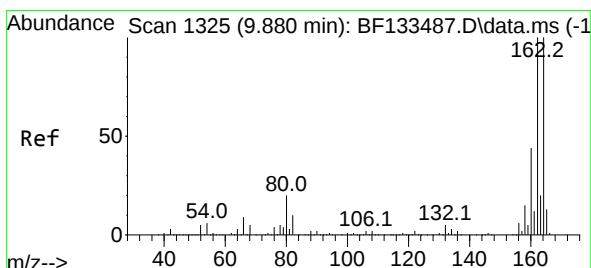
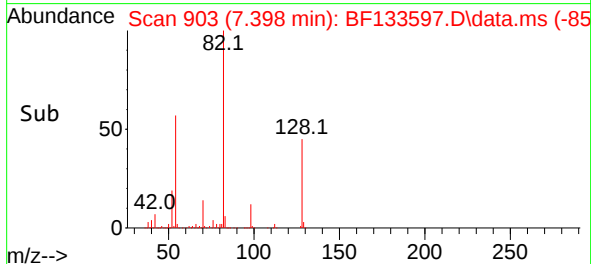
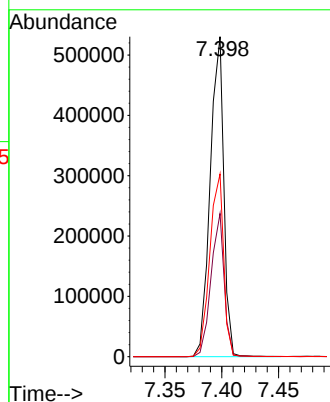
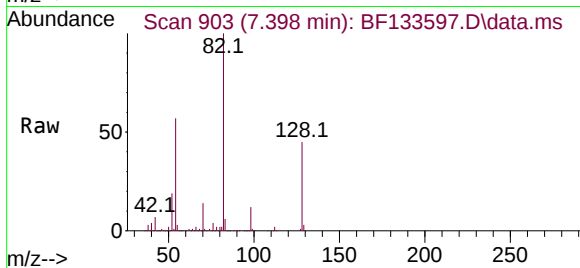
Tgt Ion: 82 Resp: 439808

Ion Ratio Lower Upper

82 100

128 44.8 34.2 51.4

54 57.1 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF133597.D

Acq: 06 Jun 2023 18:11

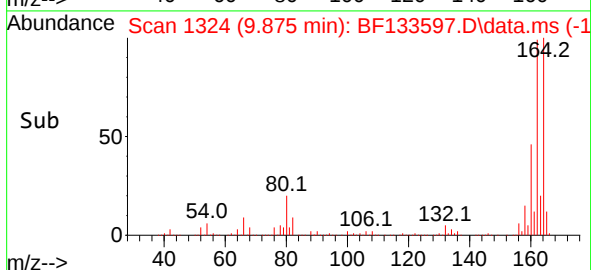
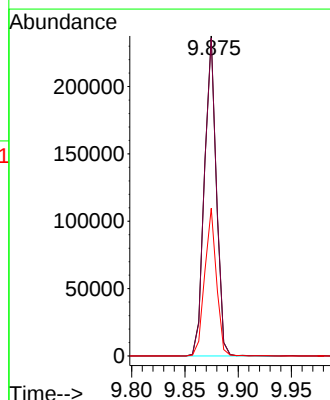
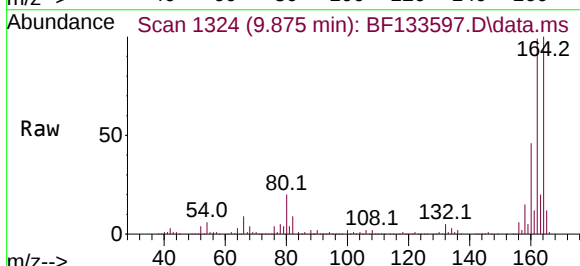
Tgt Ion: 164 Resp: 184997

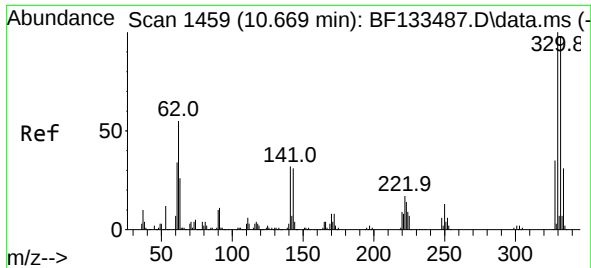
Ion Ratio Lower Upper

164 100

162 99.3 79.7 119.5

160 46.2 35.4 53.0

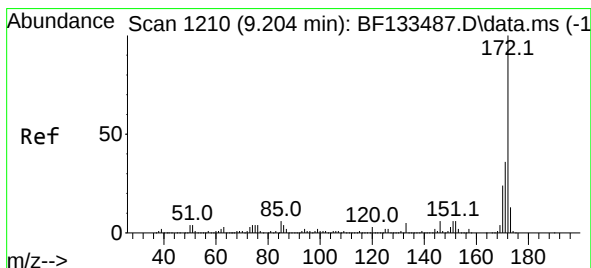
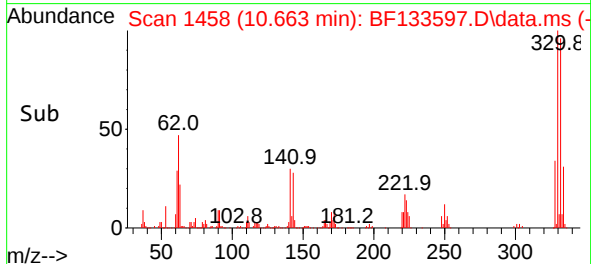
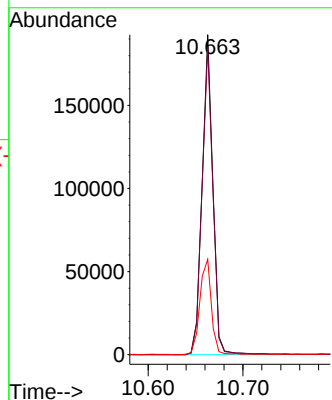
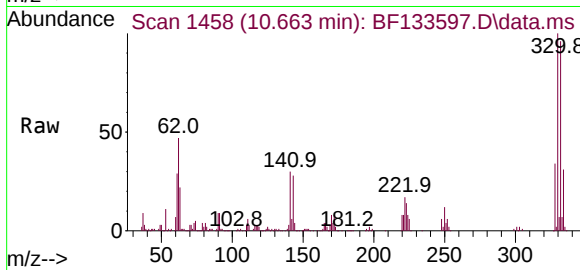




#42
2,4,6-Tribromophenol
Concen: 82.874 ng
RT: 10.663 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF133597.D
Acq: 06 Jun 2023 18:11

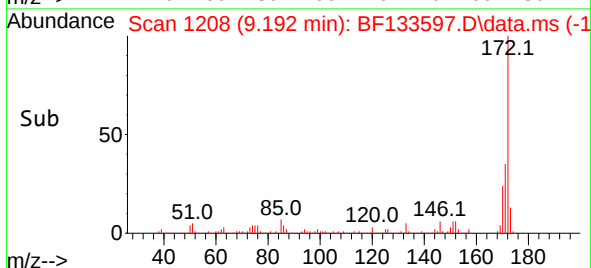
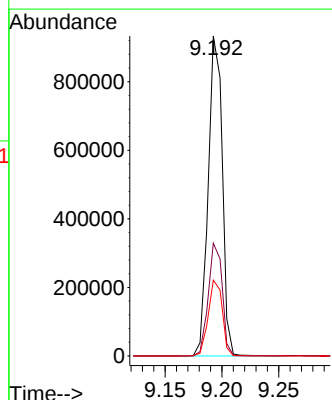
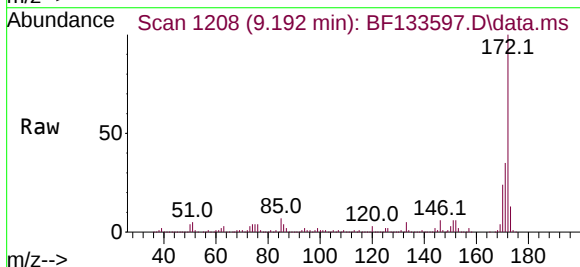
Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion: 330 Resp: 152827
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.6
141 32.1 26.6 40.0



#45
2-Fluorobiphenyl
Concen: 66.802 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF133597.D
Acq: 06 Jun 2023 18:11

Tgt Ion: 172 Resp: 800685
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.7 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133597.D

Acq: 06 Jun 2023 18:11

Instrument :

BNA_F

ClientSampleId :

TP-4

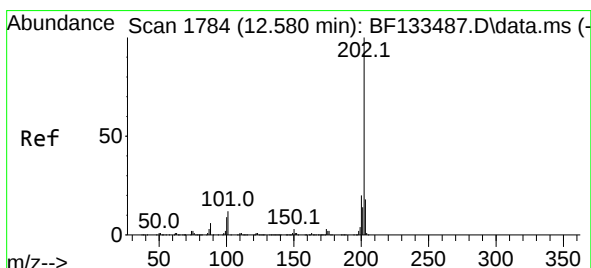
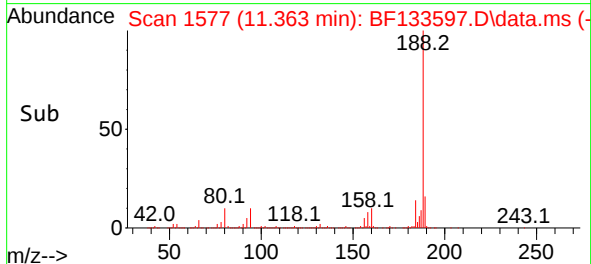
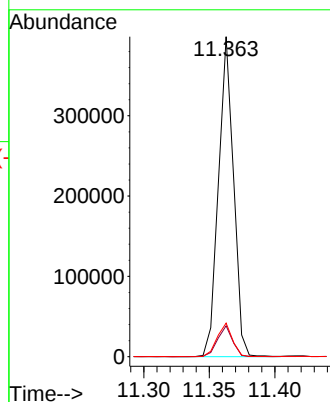
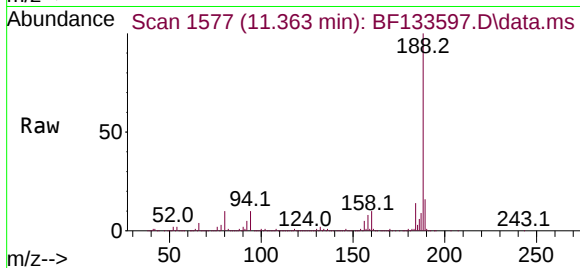
Tgt Ion:188 Resp: 318141

Ion Ratio Lower Upper

188 100

94 9.7 8.6 12.8

80 10.5 9.2 13.8



#75

Fluoranthene

Concen: 3.273 ng

RT: 12.575 min Scan# 1783

Delta R.T. -0.006 min

Lab File: BF133597.D

Acq: 06 Jun 2023 18:11

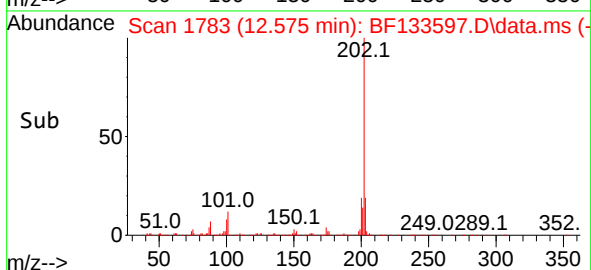
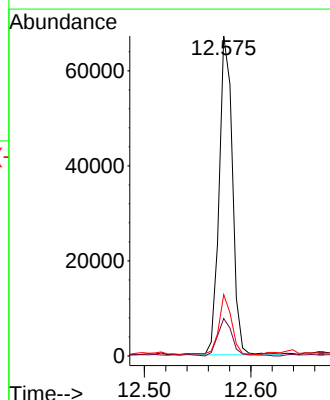
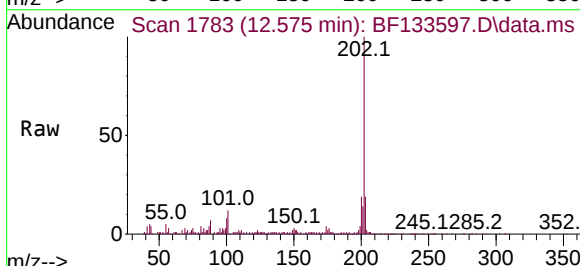
Tgt Ion:202 Resp: 58252

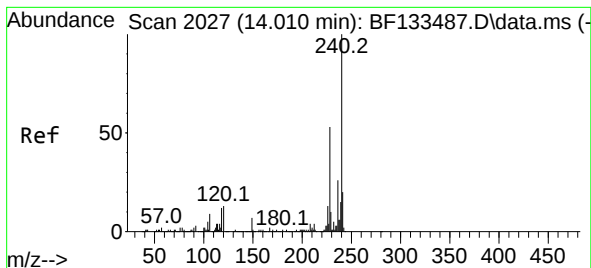
Ion Ratio Lower Upper

202 100

101 11.7 0.0 32.2

203 19.1 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF133597.D

Acq: 06 Jun 2023 18:11

Instrument :

BNA_F

ClientSampleId :

TP-4

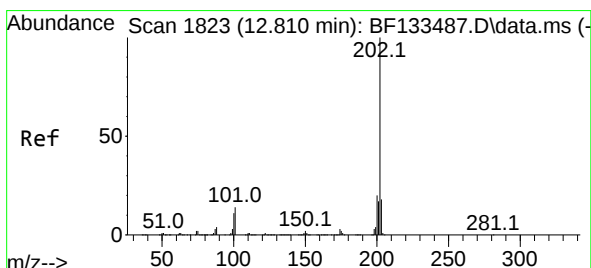
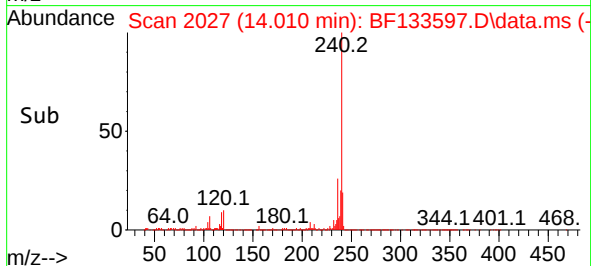
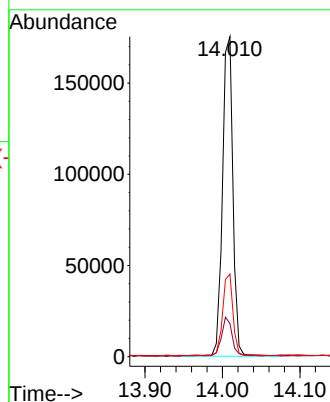
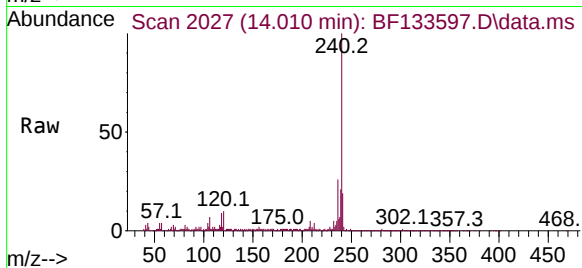
Tgt Ion:240 Resp: 164454

Ion Ratio Lower Upper

240 100

120 10.3 10.3 15.5#

236 25.8 20.5 30.7



#78

Pyrene

Concen: 3.323 ng

RT: 12.804 min Scan# 1822

Delta R.T. -0.006 min

Lab File: BF133597.D

Acq: 06 Jun 2023 18:11

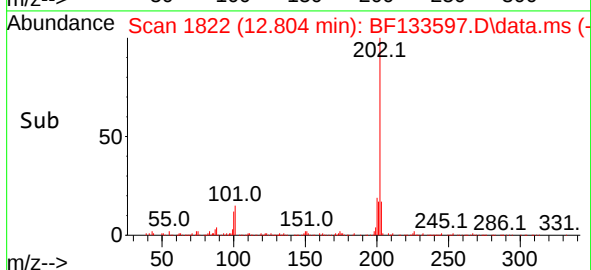
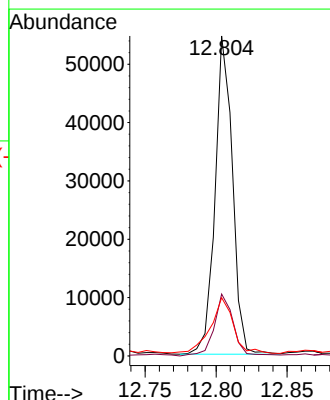
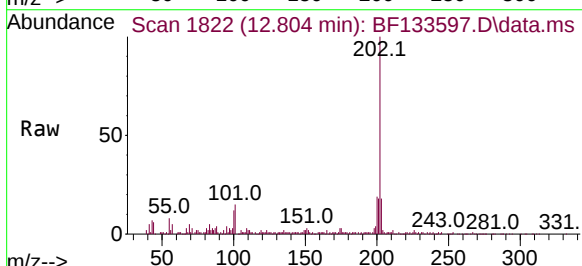
Tgt Ion:202 Resp: 46503

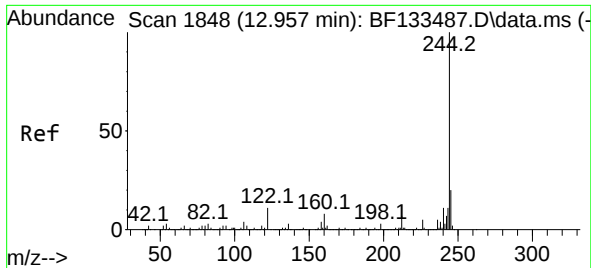
Ion Ratio Lower Upper

202 100

200 19.3 16.3 24.5

203 18.2 14.3 21.5

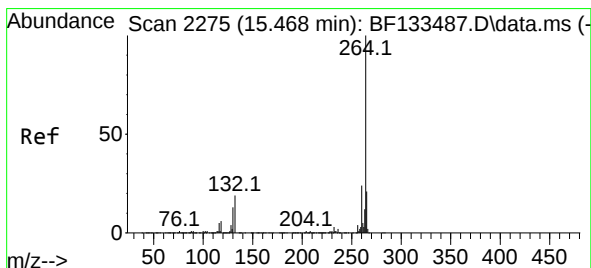
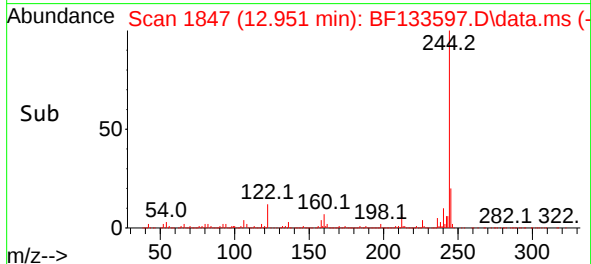
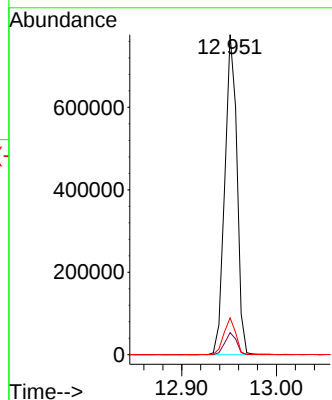
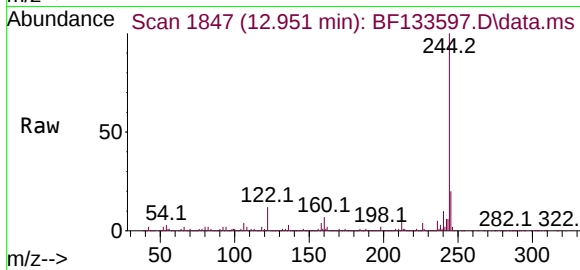




#79
 Terphenyl-d14
 Concen: 75.102 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF133597.D
 Acq: 06 Jun 2023 18:11

Instrument :
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Tgt Ion:244 Resp: 694650
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 11.5 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2276
 Delta R.T. 0.006 min
 Lab File: BF133597.D
 Acq: 06 Jun 2023 18:11

Tgt Ion:264 Resp: 137363
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.4
 265 22.2 16.8 25.2

