

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
 Data File : BF133780.D
 Acq On : 15 Jun 2023 17:55
 Operator : CG\JU
 Sample : 03140-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-GA

Quant Time: Jun 15 18:16:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:12:57 2023
 Response via : Initial Calibration

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

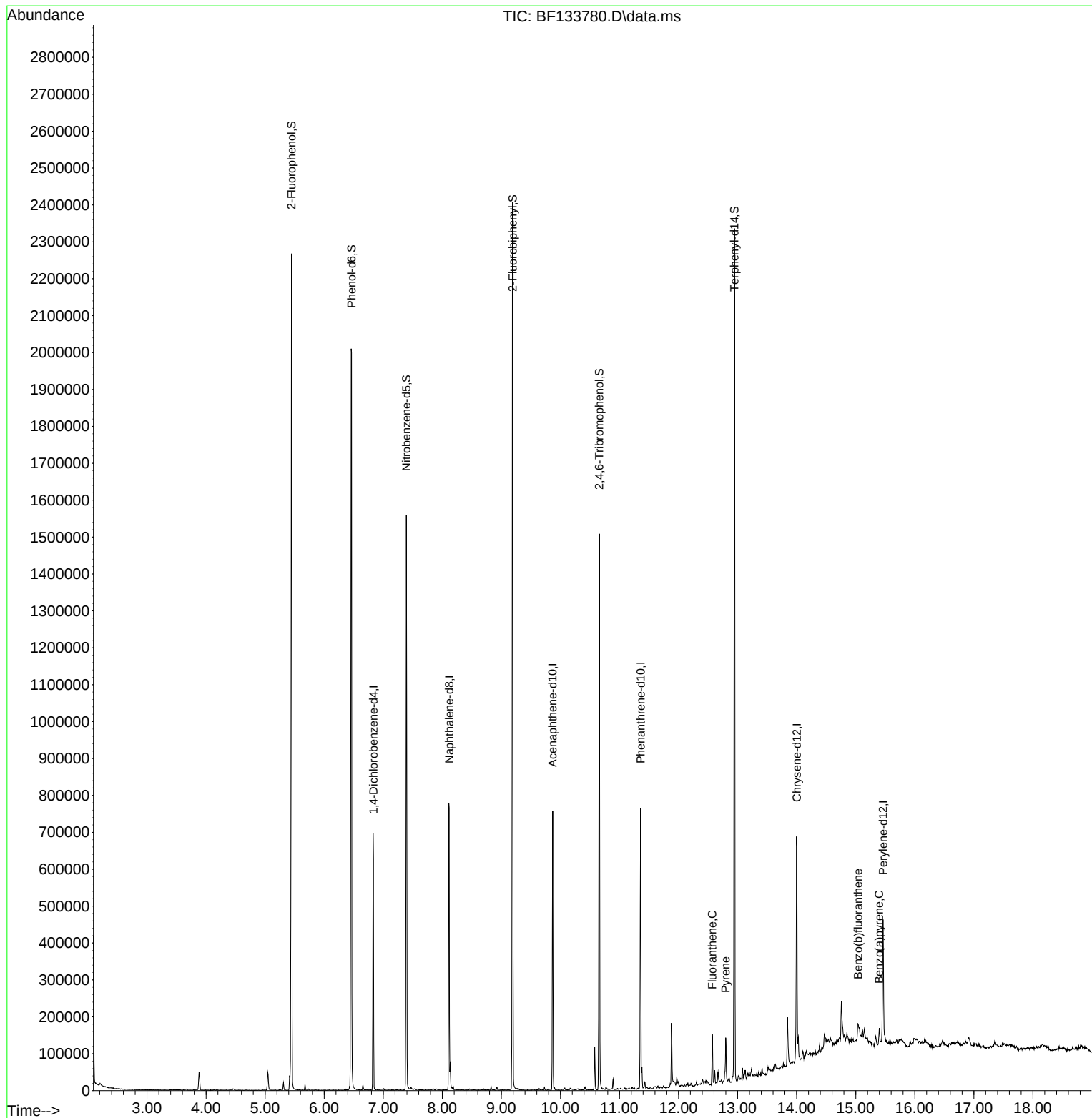
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	98912	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	346420	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	133429	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	260195	20.000	ng	0.00
76) Chrysene-d12	14.004	240	202548	20.000	ng	0.00
86) Perylene-d12	15.462	264	149681	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	578976	101.903	ng	0.00
7) Phenol-d6	6.463	99	676829	91.518	ng	0.00
23) Nitrobenzene-d5	7.392	82	431837	67.897	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	160327	94.926	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	754721	80.406	ng	0.00
79) Terphenyl-d14	12.945	244	776198	59.297	ng	0.00
Target Compounds						
75) Fluoranthene	12.568	202	51461	3.671	ng	Qvalue 96
78) Pyrene	12.798	202	49584	2.628	ng	96
88) Benzo(b)fluoranthene	15.039	252	24077m	2.648	ng	
90) Benzo(a)pyrene	15.398	252	18476	2.189	ng	# 89

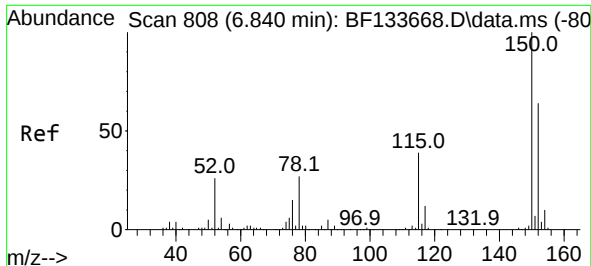
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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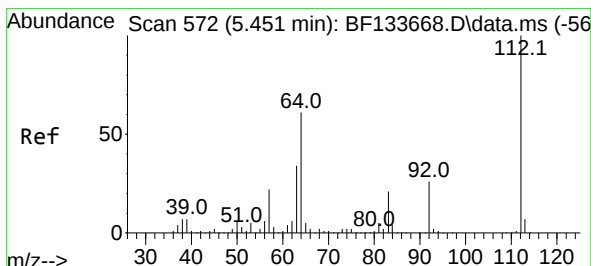
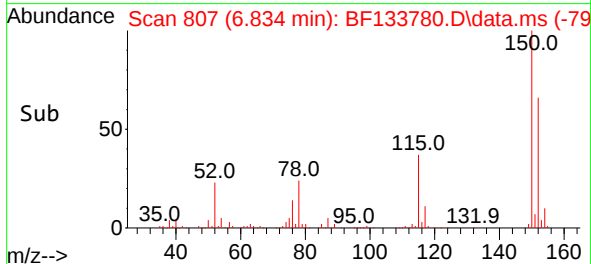
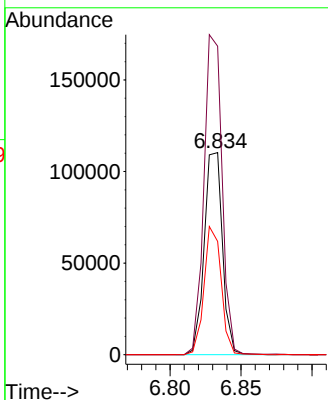
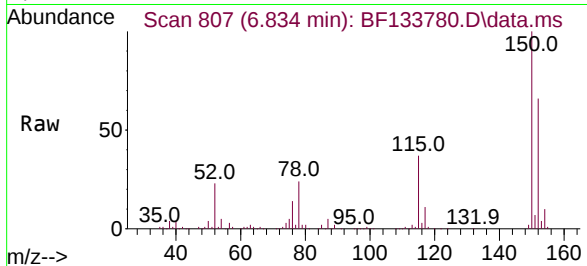




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 808
 Delta R.T. -0.000 min
 Lab File: BF133780.D
 Acq: 15 Jun 2023 17:55

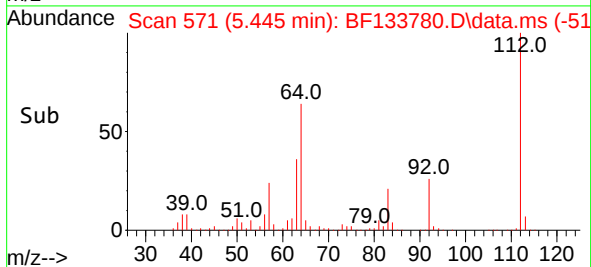
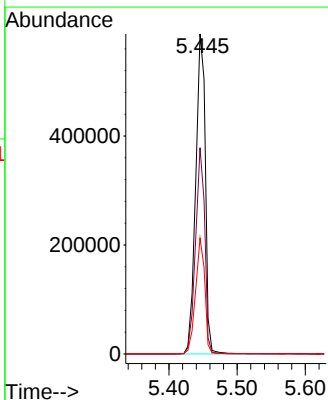
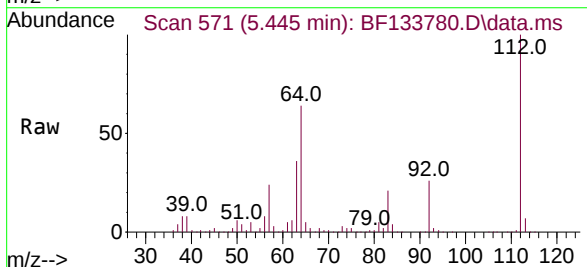
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-GA

Tgt Ion:152 Resp: 98912
 Ion Ratio Lower Upper
 152 100
 150 152.6 124.3 186.5
 115 56.1 48.5 72.7



#5
 2-Fluorophenol
 Concen: 101.903 ng
 RT: 5.445 min Scan# 571
 Delta R.T. 0.006 min
 Lab File: BF133780.D
 Acq: 15 Jun 2023 17:55

Tgt Ion:112 Resp: 578976
 Ion Ratio Lower Upper
 112 100
 64 64.5 49.0 73.4
 63 36.2 26.8 40.2

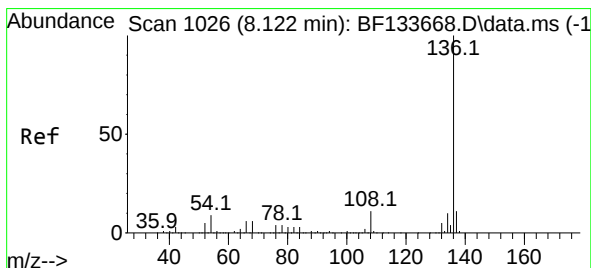
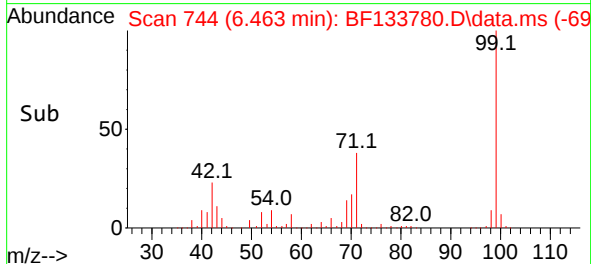
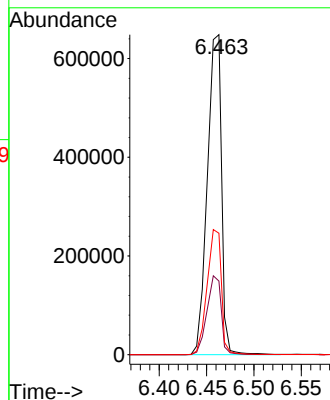
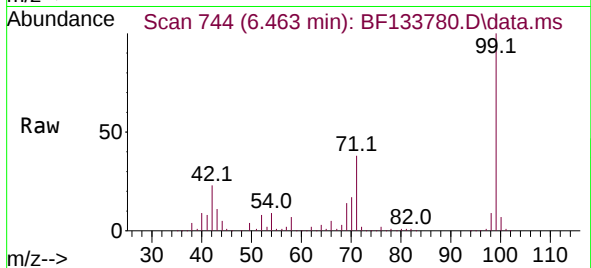




#7
Phenol-d6
Concen: 91.518 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF133780.D
Acq: 15 Jun 2023 17:55

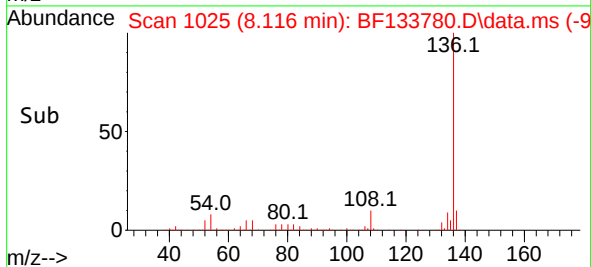
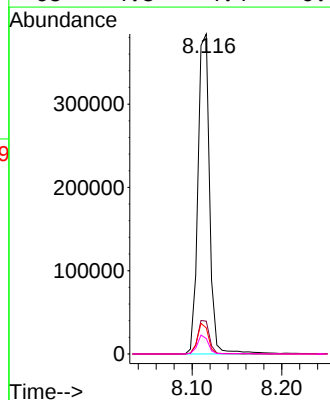
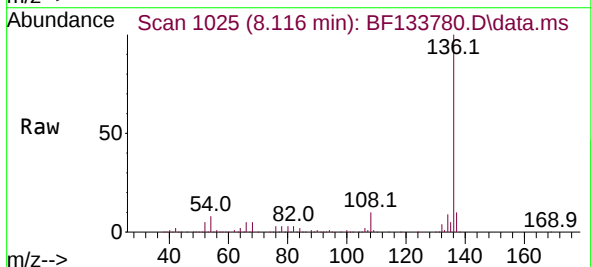
Instrument :
BNA_F
ClientSampleId :
TP-3-GA

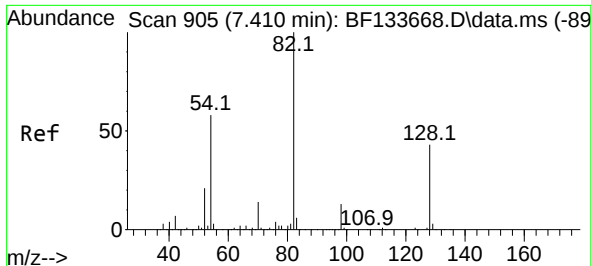
Tgt Ion: 99 Resp: 676829
Ion Ratio Lower Upper
99 100
42 23.0 19.9 29.9
71 37.9 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF133780.D
Acq: 15 Jun 2023 17:55

Tgt Ion: 136 Resp: 346420
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 8.1 7.4 11.0
68 4.8 4.4 6.6

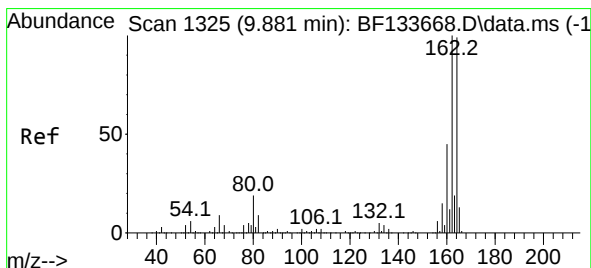
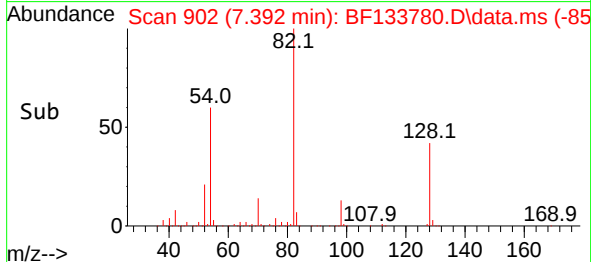
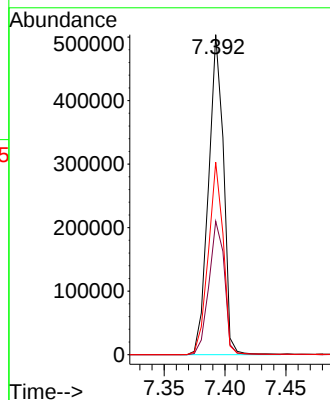
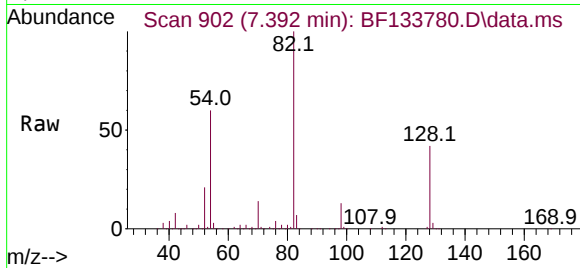




#23
Nitrobenzene-d5
Concen: 67.897 ng
RT: 7.392 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF133780.D
Acq: 15 Jun 2023 17:55

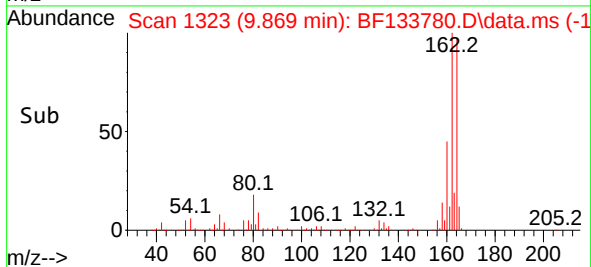
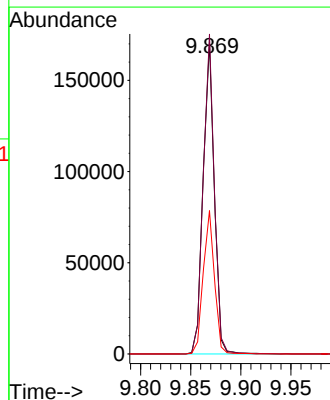
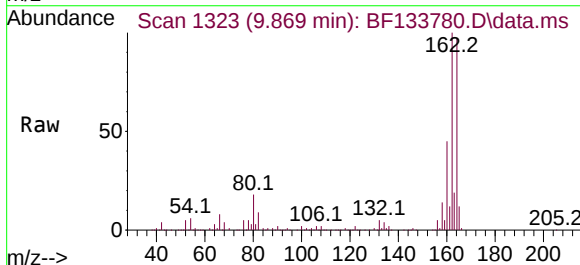
Instrument :
BNA_F
ClientSampleId :
TP-3-GA

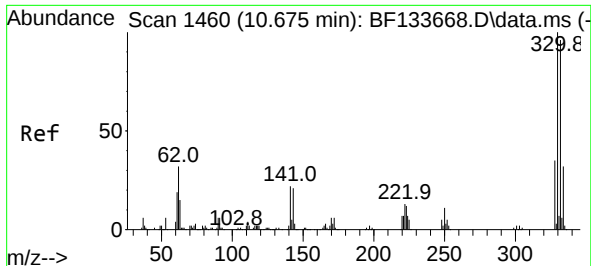
Tgt Ion: 82 Resp: 431837
Ion Ratio Lower Upper
82 100
128 41.7 34.2 51.2
54 60.2 46.5 69.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF133780.D
Acq: 15 Jun 2023 17:55

Tgt Ion:164 Resp: 133429
Ion Ratio Lower Upper
164 100
162 102.8 80.8 121.2
160 46.0 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 94.926 ng

RT: 10.657 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF133780.D

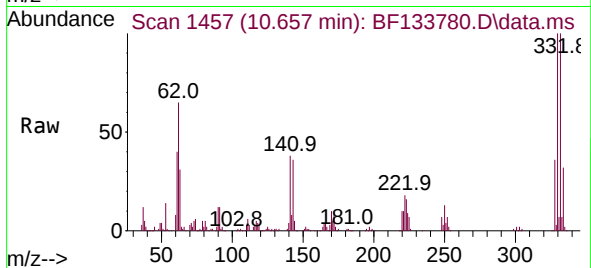
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Instrument :

BNA_F

ClientSampleId :

TP-3-GA



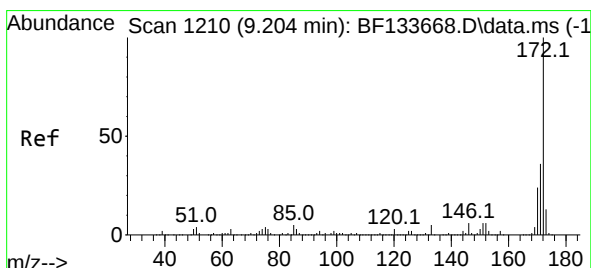
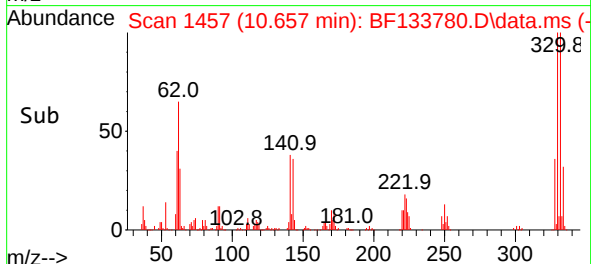
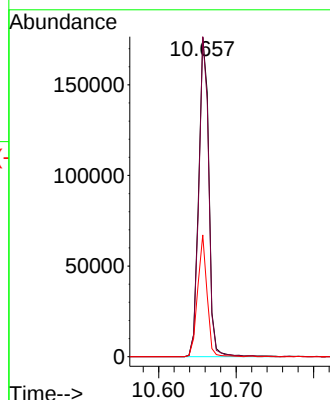
Tgt Ion:330 Resp: 160327

Ion Ratio Lower Upper

330 100

332 97.5 77.2 115.8

141 35.0 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 80.406 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.000 min

Lab File: BF133780.D

Acq: 15 Jun 2023 17:55

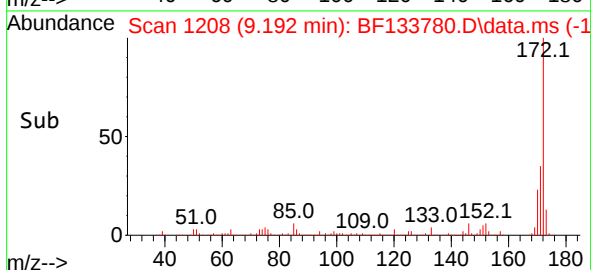
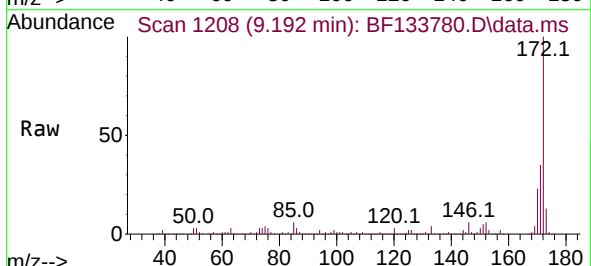
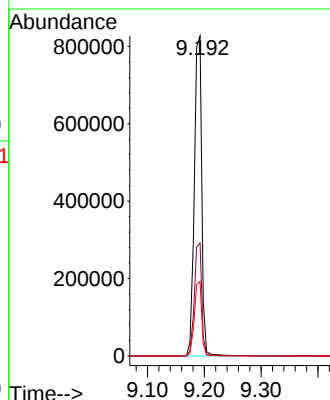
Tgt Ion:172 Resp: 754721

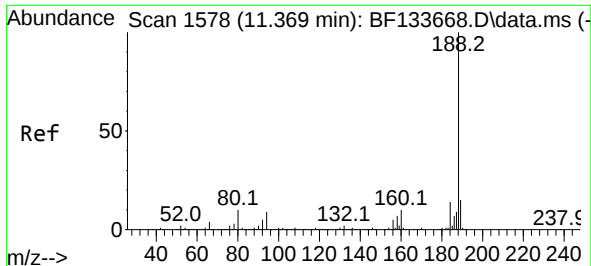
Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 23.3 19.1 28.7

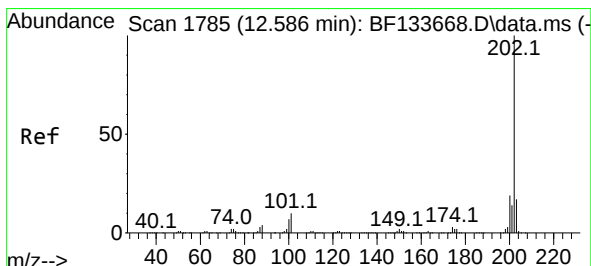
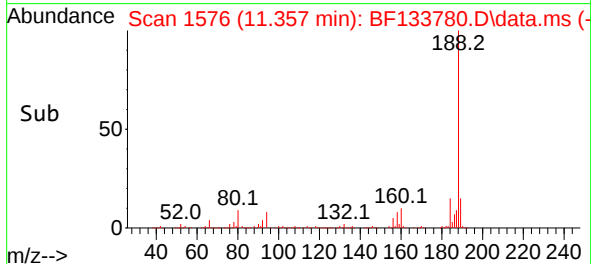
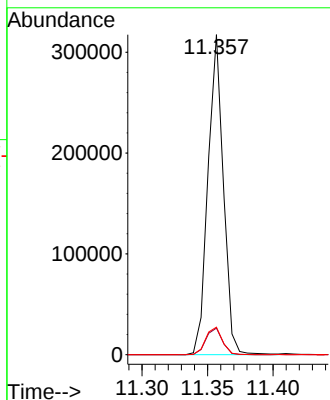
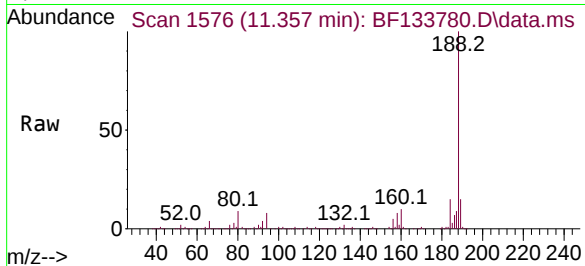




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133780.D
Acq: 15 Jun 2023 17:55

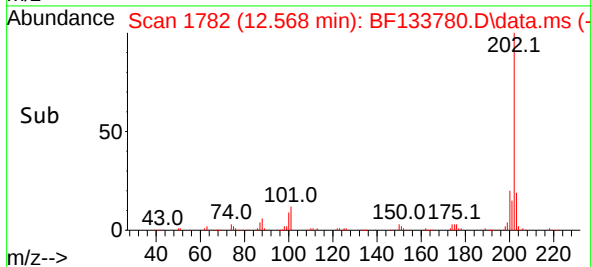
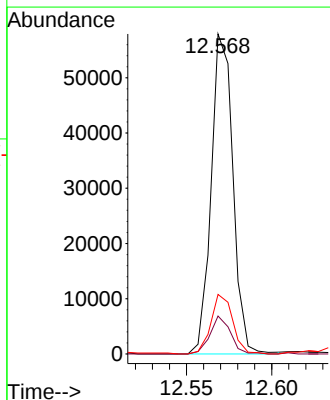
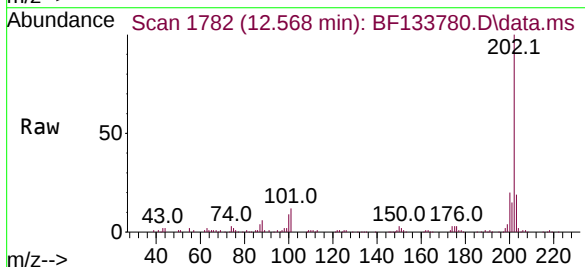
Instrument :
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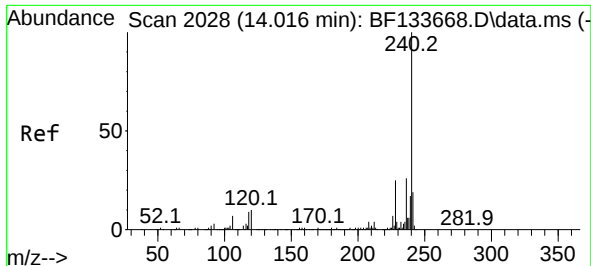
Tgt Ion:188 Resp: 260195
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 8.6 7.8 11.6



#75
Fluoranthene
Concen: 3.671 ng
RT: 12.568 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BF133780.D
Acq: 15 Jun 2023 17:55

Tgt Ion:202 Resp: 51461
Ion Ratio Lower Upper
202 100
101 11.9 0.0 29.6
203 18.6 0.0 37.4

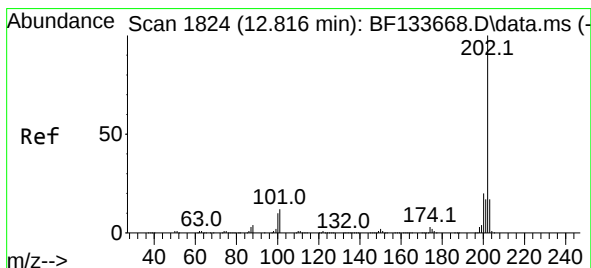
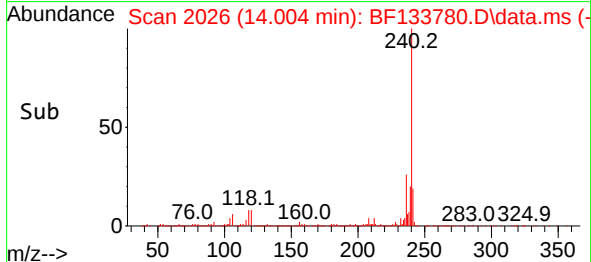
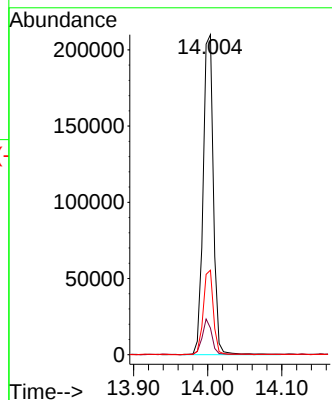
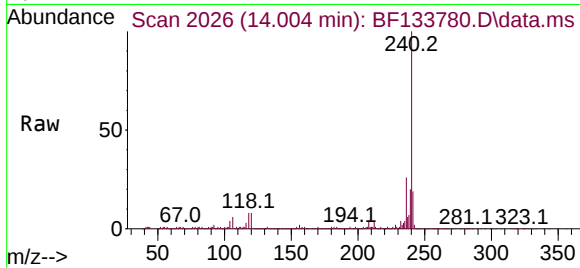




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 202548
Delta R.T. -0.000 min
Lab File: BF133780.D
Acq: 15 Jun 2023 17:55

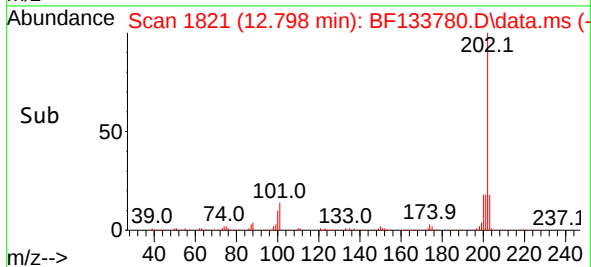
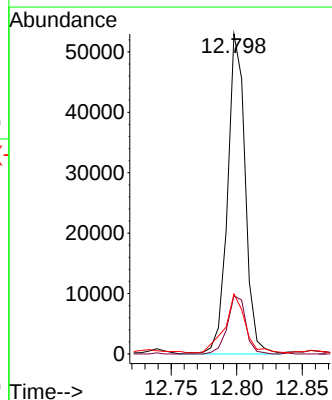
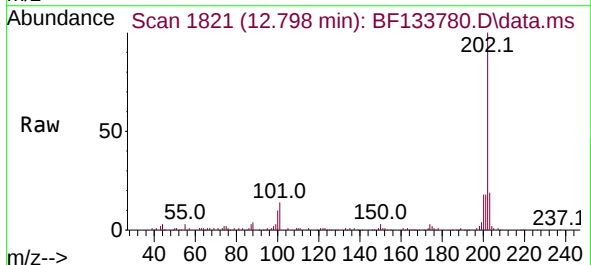
Instrument :
BNA_F
ClientSampleId :
TP-3-GA

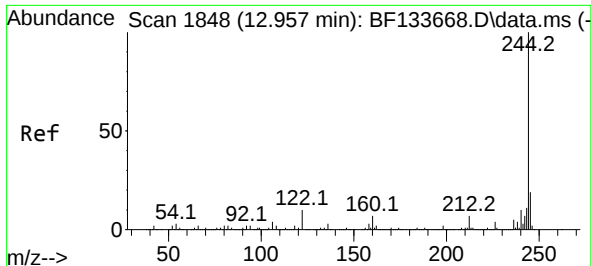
Tgt Ion:240 Resp: 202548
Ion Ratio Lower Upper
240 100
120 8.3 8.1 12.1
236 26.4 20.5 30.7



#78
Pyrene
Concen: 2.628 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF133780.D
Acq: 15 Jun 2023 17:55

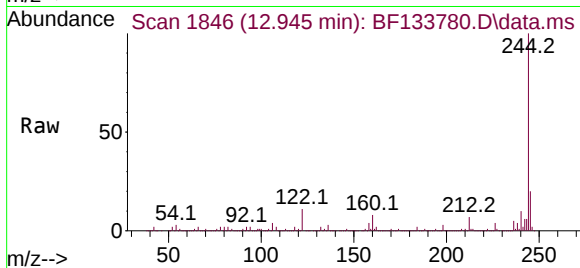
Tgt Ion:202 Resp: 49584
Ion Ratio Lower Upper
202 100
200 18.2 16.2 24.2
203 18.8 13.9 20.9



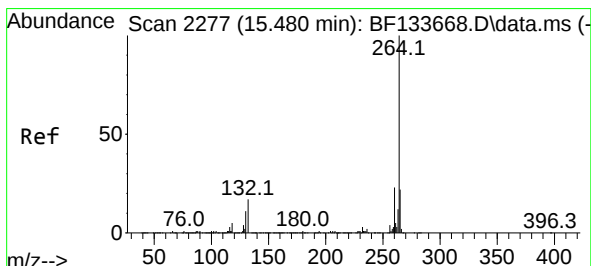
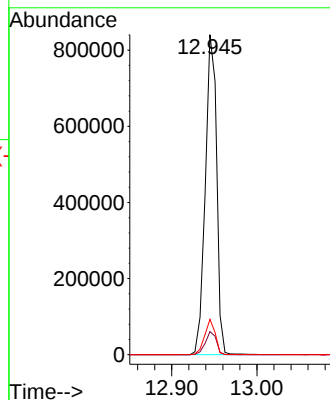
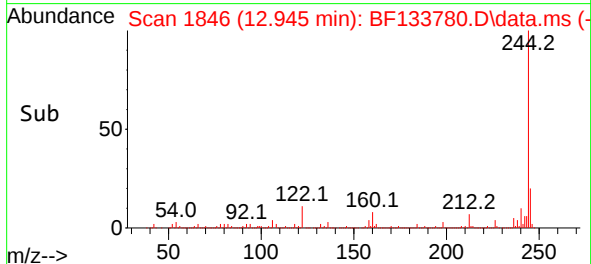


#79
 Terphenyl-d14
 Concen: 59.297 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.000 min
 Lab File: BF133780.D
 Acq: 15 Jun 2023 17:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-GA

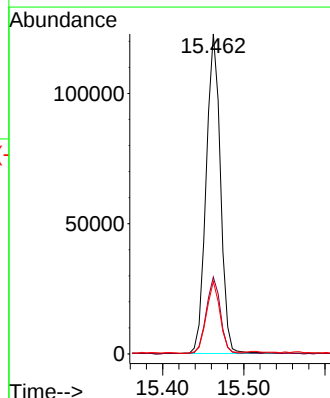
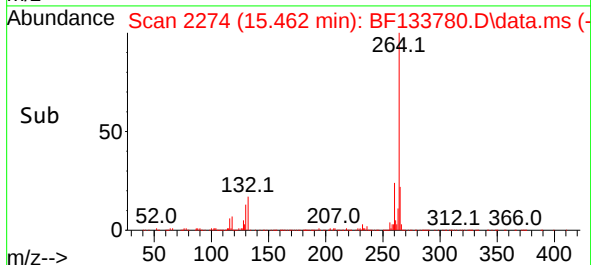
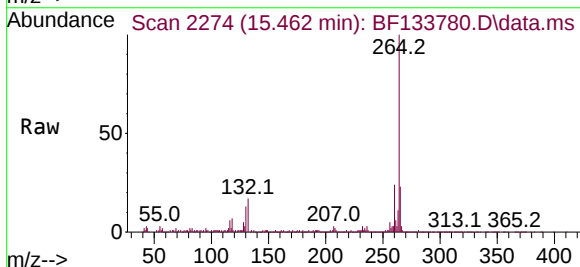


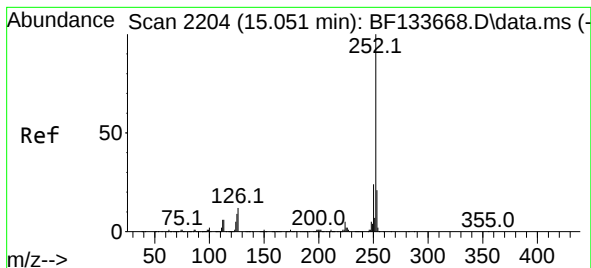
Tgt Ion:244 Resp: 776198
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 11.0 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. -0.000 min
 Lab File: BF133780.D
 Acq: 15 Jun 2023 17:55

Tgt Ion:264 Resp: 149681
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.2 27.2
 265 22.6 17.8 26.6





#88

Benzo(b)fluoranthene

Concen: 2.648 ng m

RT: 15.039 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133780.D

Acq: 15 Jun 2023 17:55

Instrument :

BNA_F

ClientSampleId :

TP-3-GA

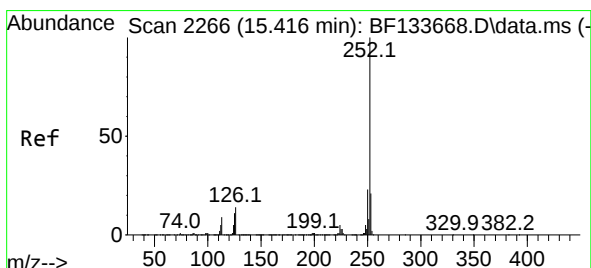
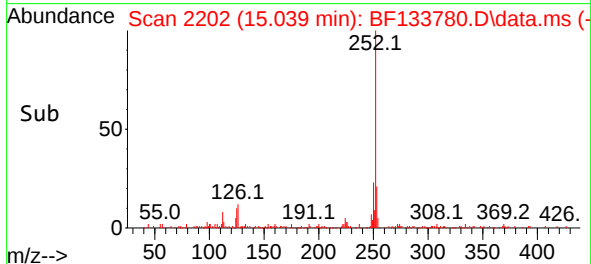
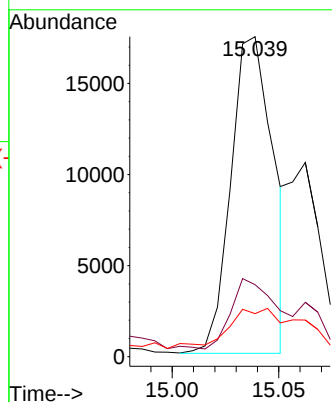
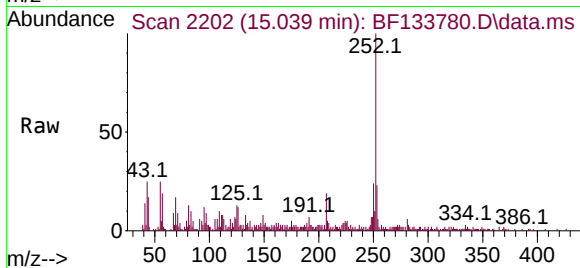
Tgt Ion:252 Resp: 24077

Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.6

125 13.4 7.3 10.9#



#90

Benzo(a)pyrene

Concen: 2.189 ng

RT: 15.398 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BF133780.D

Acq: 15 Jun 2023 17:55

Tgt Ion:252 Resp: 18476

Ion Ratio Lower Upper

252 100

253 25.0 17.1 25.7

125 17.6 8.6 13.0#

