

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052623\
 Data File : BF133507.D
 Acq On : 26 May 2023 19:30
 Operator : CG\JU
 Sample : 02945-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP04

Quant Time: May 27 01:11:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 23:30:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	146083	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	558602	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	272313	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	509495	20.000	ng	0.00
76) Chrysene-d12	14.004	240	385453	20.000	ng	0.00
86) Perylene-d12	15.463	264	320444	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	388421	44.363	ng	0.00
7) Phenol-d6	6.451	99	301449	27.969	ng	-0.01
23) Nitrobenzene-d5	7.404	82	855539	102.261	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	239565	88.255	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1468441	83.230	ng	0.00
79) Terphenyl-d14	12.957	244	1534943	70.803	ng	0.00

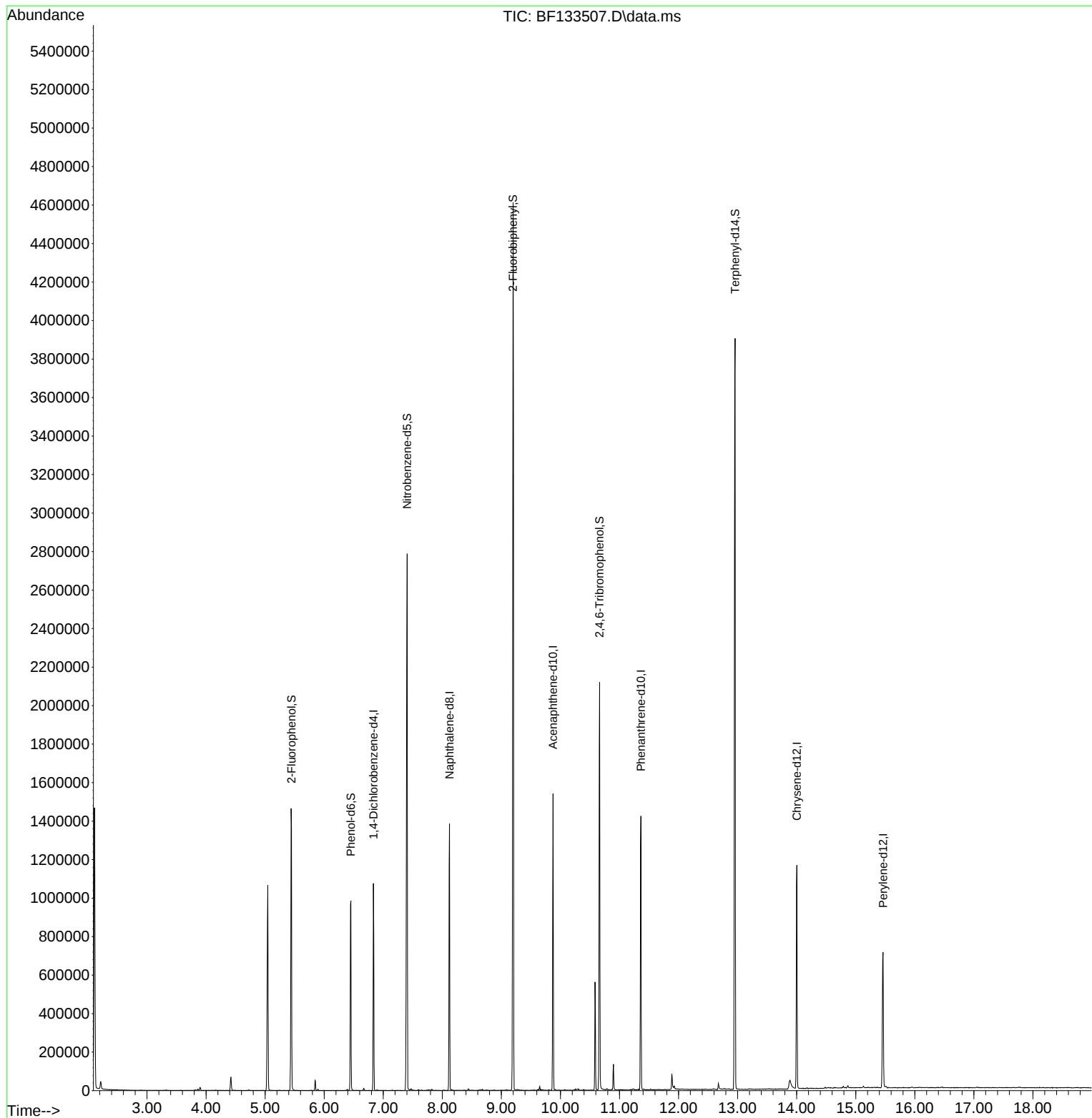
Target Compounds	Qvalue

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

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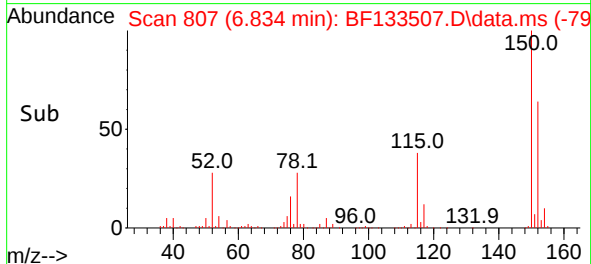
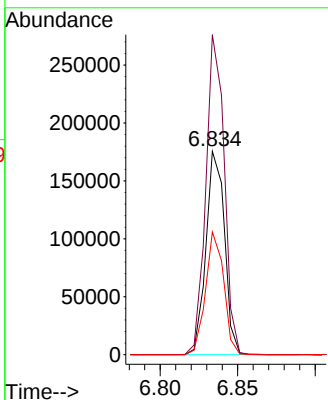
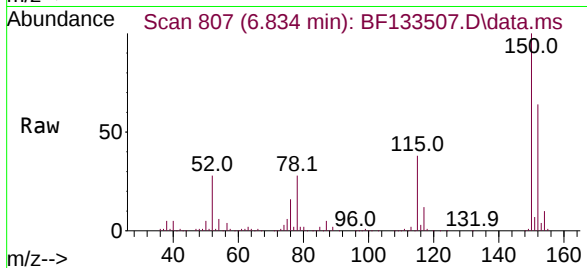




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF133507.D
Acq: 26 May 2023 19:30

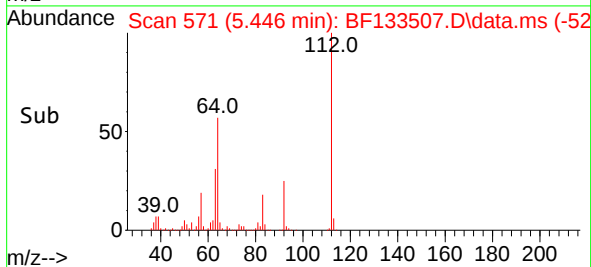
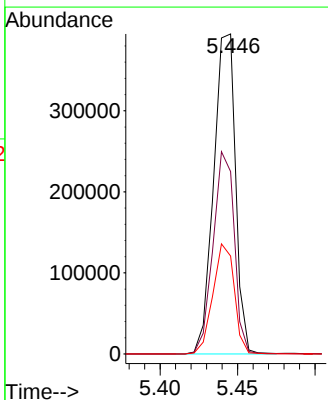
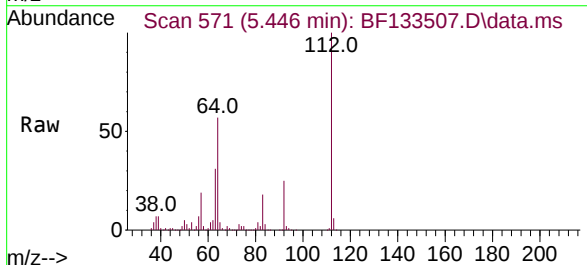
Instrument :
BNA_F
ClientSampleId :
TWP04

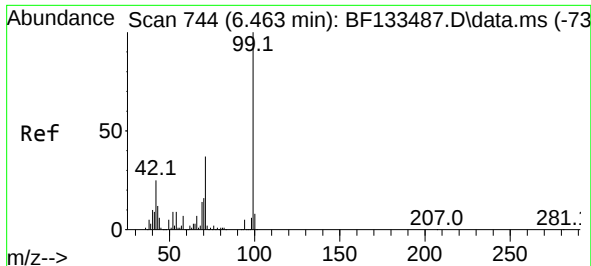
Tgt Ion:152 Resp: 146083
Ion Ratio Lower Upper
152 100
150 157.3 124.9 187.3
115 60.3 48.1 72.1



#5
2-Fluorophenol
Concen: 44.363 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF133507.D
Acq: 26 May 2023 19:30

Tgt Ion:112 Resp: 388421
Ion Ratio Lower Upper
112 100
64 57.0 50.1 75.1
63 30.6 27.5 41.3

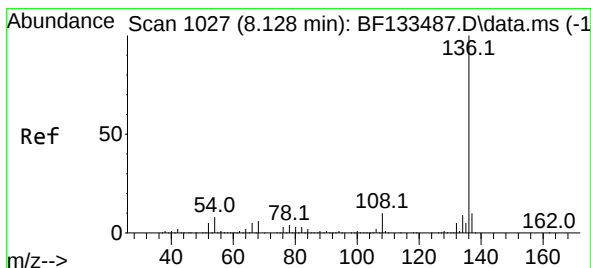
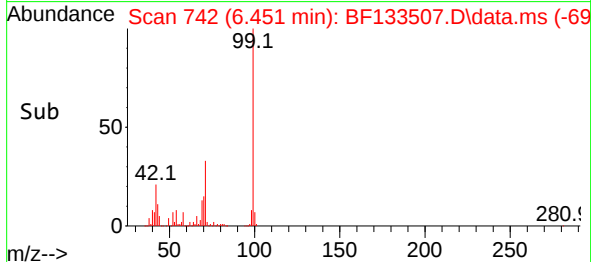
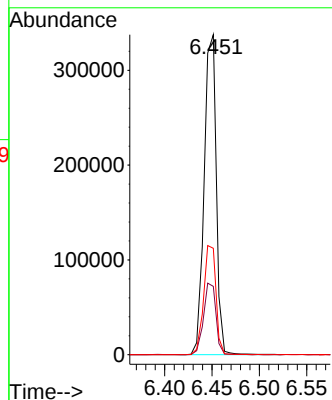
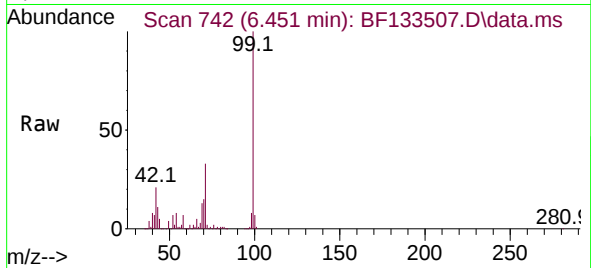




#7
Phenol-d6
Concen: 27.969 ng
RT: 6.451 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF133507.D
Acq: 26 May 2023 19:30

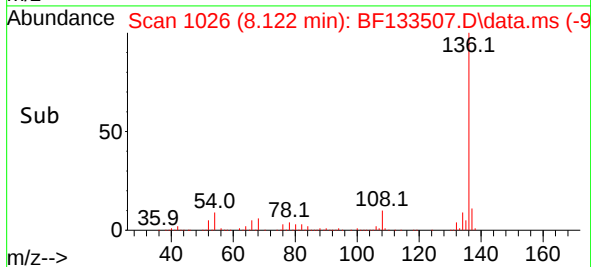
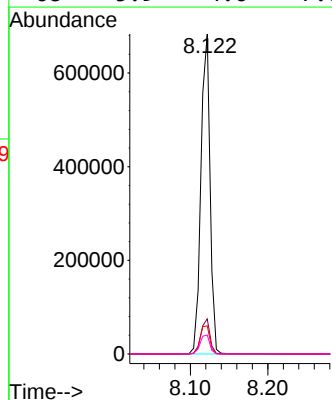
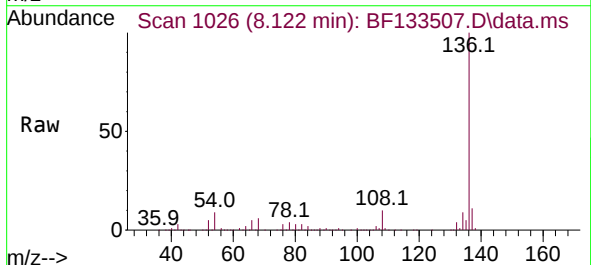
Instrument :
BNA_F
ClientSampleId :
TWP04

Tgt Ion: 99 Resp: 301449
Ion Ratio Lower Upper
99 100
42 21.4 19.7 29.5
71 33.3 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133507.D
Acq: 26 May 2023 19:30

Tgt Ion: 136 Resp: 558602
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.4
54 8.8 6.6 10.0
68 5.9 4.6 7.0





#23

Nitrobenzene-d5

Concen: 102.261 ng

RT: 7.404 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133507.D

Acq: 26 May 2023 19:30

Instrument :

BNA_F

ClientSampleId :

TWP04

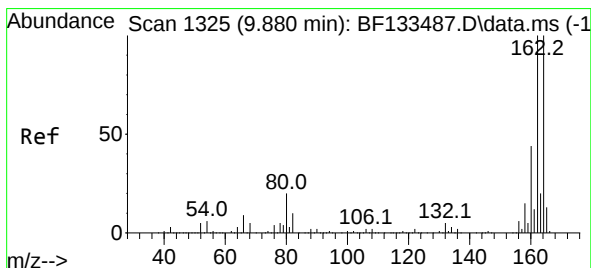
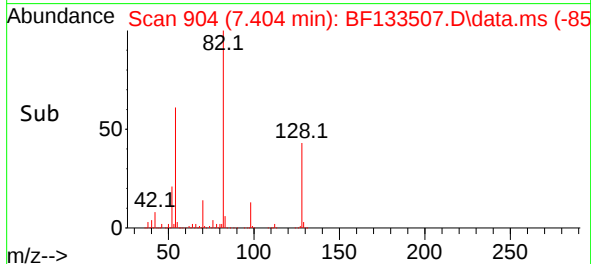
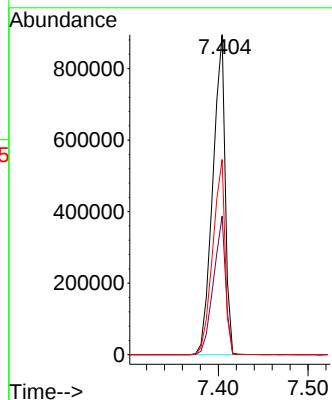
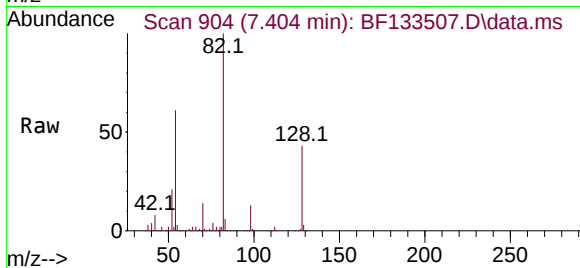
Tgt Ion: 82 Resp: 855539

Ion Ratio Lower Upper

82 100

128 43.3 34.2 51.4

54 61.0 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF133507.D

Acq: 26 May 2023 19:30

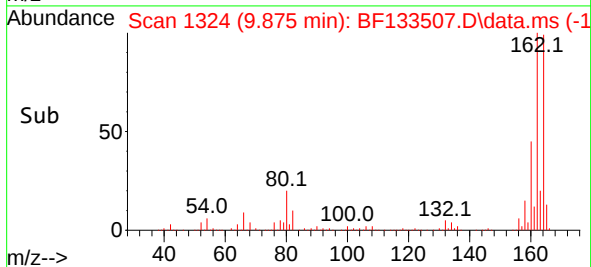
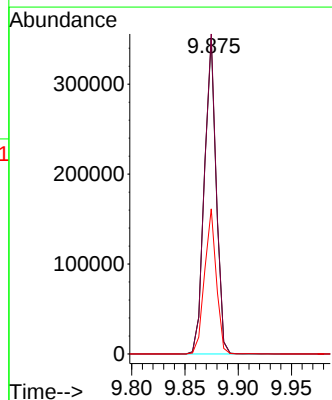
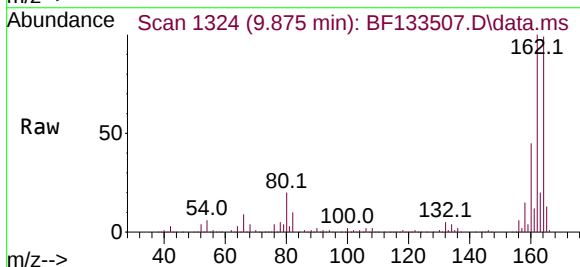
Tgt Ion:164 Resp: 272313

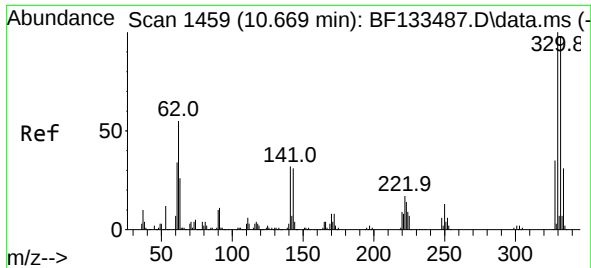
Ion Ratio Lower Upper

164 100

162 101.5 79.7 119.5

160 46.0 35.4 53.0

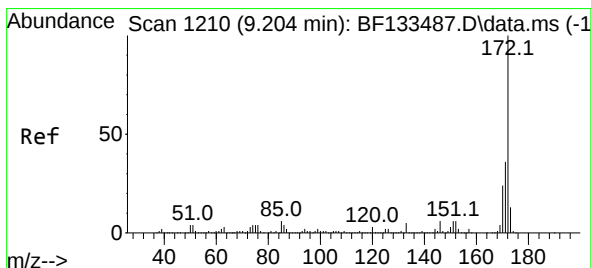
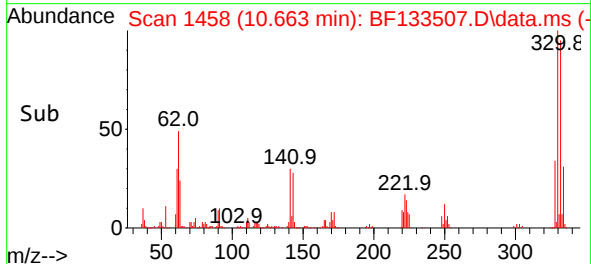
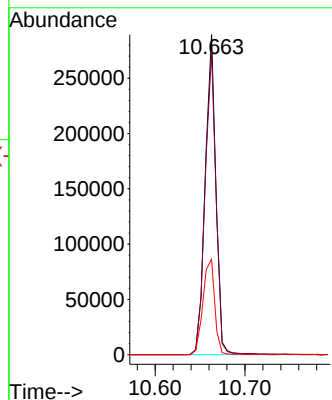
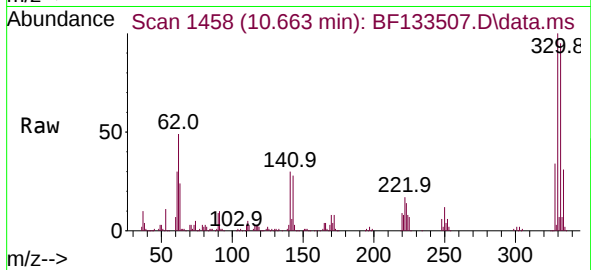




#42
2,4,6-Tribromophenol
Concen: 88.255 ng
RT: 10.663 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF133507.D
Acq: 26 May 2023 19:30

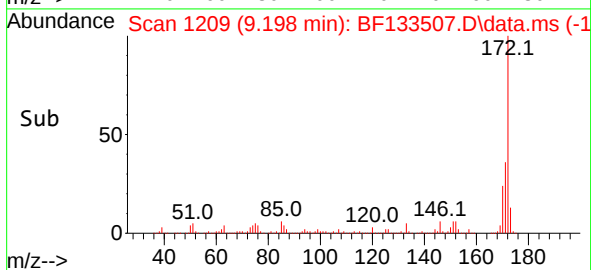
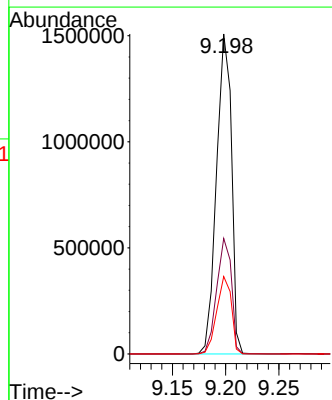
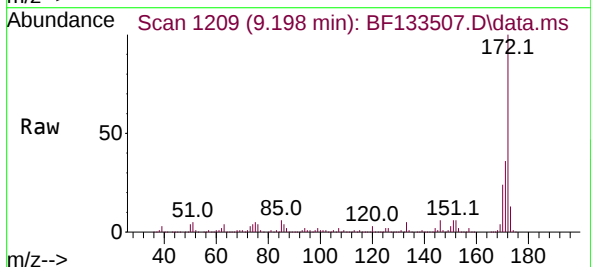
Instrument :
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TWP04

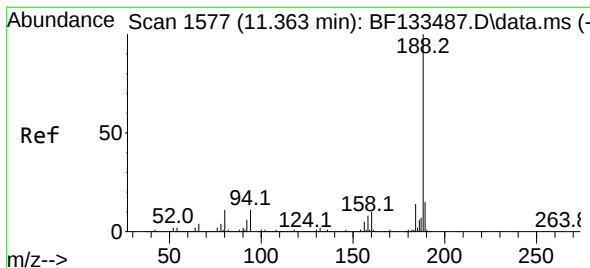
Tgt Ion:330 Resp: 239565
Ion Ratio Lower Upper
330 100
332 97.2 77.8 116.6
141 32.9 26.6 40.0



#45
2-Fluorobiphenyl
Concen: 83.230 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF133507.D
Acq: 26 May 2023 19:30

Tgt Ion:172 Resp: 1468441
Ion Ratio Lower Upper
172 100
171 36.1 28.4 42.6
170 24.2 19.3 28.9

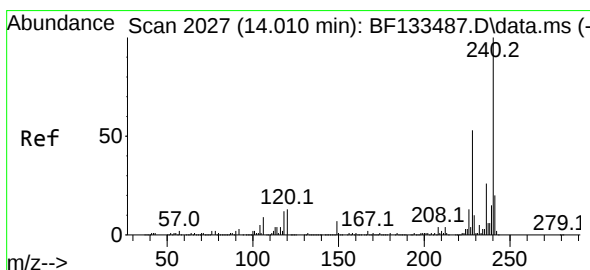
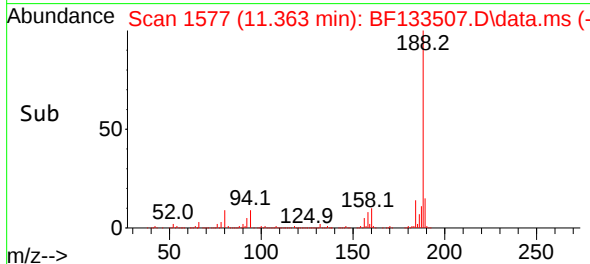
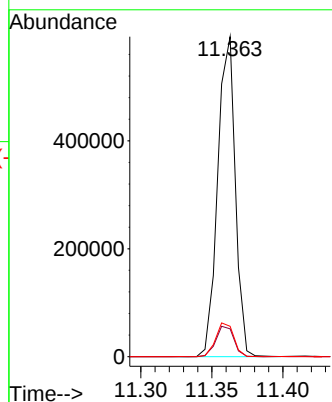
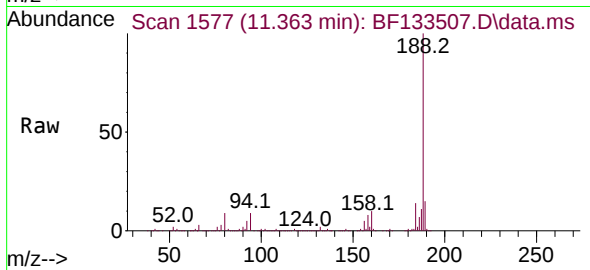




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133507.D
Acq: 26 May 2023 19:30

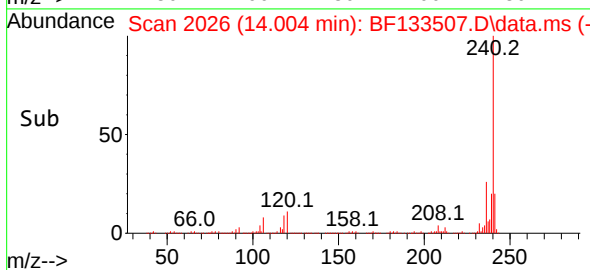
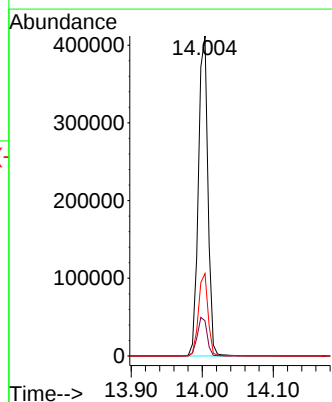
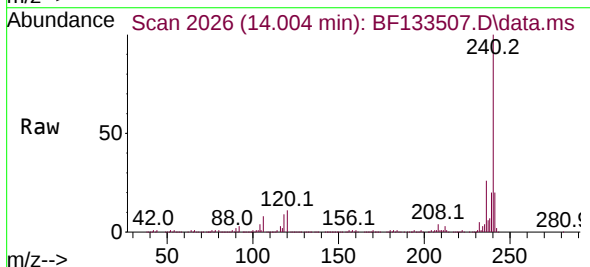
Instrument :
BNA_F
ClientSampleId :
TWP04

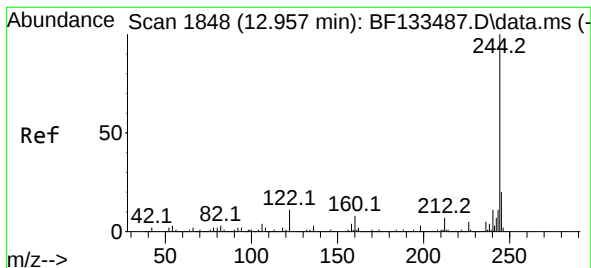
Tgt Ion:188 Resp: 509495
Ion Ratio Lower Upper
188 100
94 8.7 8.6 12.8
80 9.5 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF133507.D
Acq: 26 May 2023 19:30

Tgt Ion:240 Resp: 385453
Ion Ratio Lower Upper
240 100
120 11.0 10.3 15.5
236 25.8 20.5 30.7





#79

Terphenyl-d14

Concen: 70.803 ng

RT: 12.957 min Scan# 1848

Delta R.T. 0.000 min

Lab File: BF133507.D

Acq: 26 May 2023 19:30

Instrument :

BNA_F

ClientSampleId :

TWP04

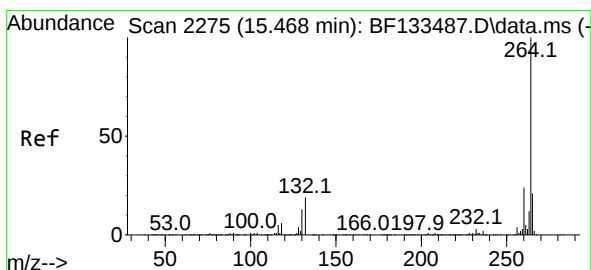
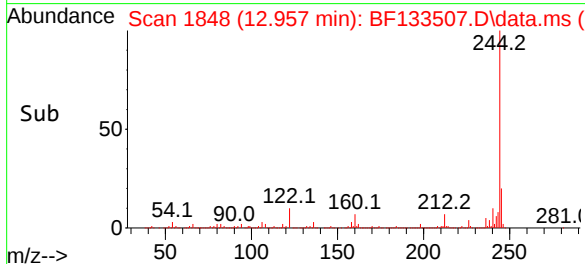
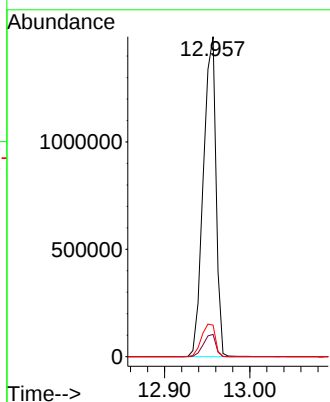
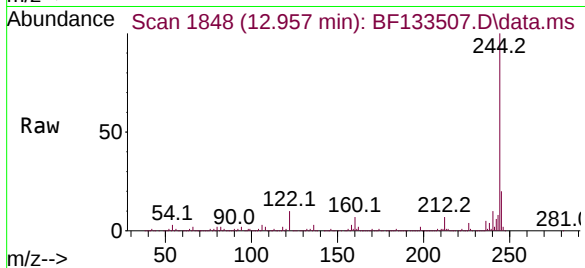
Tgt Ion:244 Resp: 1534943

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 9.8 8.5 12.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2274

Delta R.T. -0.006 min

Lab File: BF133507.D

Acq: 26 May 2023 19:30

Tgt Ion:264 Resp: 320444

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

265 21.3 16.8 25.2

