

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052623\
 Data File : BF133512.D
 Acq On : 26 May 2023 22:09
 Operator : CG\JU
 Sample : 02908-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB10A

Quant Time: May 27 01:12:45 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)

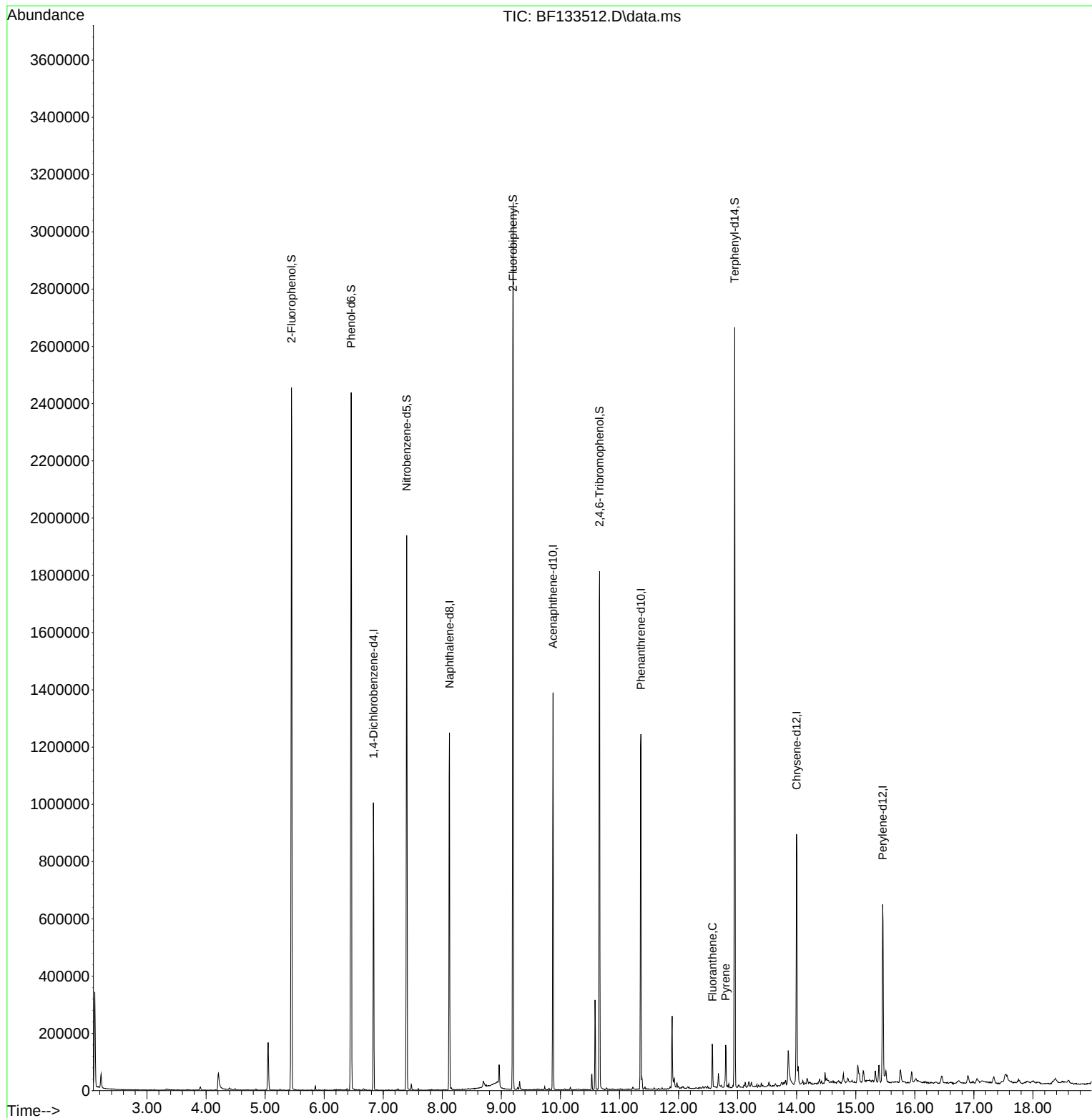
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	137516	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	512371	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	242140	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	463146	20.000	ng	# 0.00
76) Chrysene-d12	13.998	240	277710	20.000	ng	-0.01
86) Perylene-d12	15.457	264	271725	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	686951	83.347	ng	0.00
7) Phenol-d6	6.457	99	825645	81.376	ng	0.00
23) Nitrobenzene-d5	7.398	82	517105	67.385	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	213937	88.635	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	891135	56.802	ng	0.00
79) Terphenyl-d14	12.951	244	862960	55.249	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.574	202	60546	2.337	ng	99
78) Pyrene	12.798	202	57665	2.440	ng	97

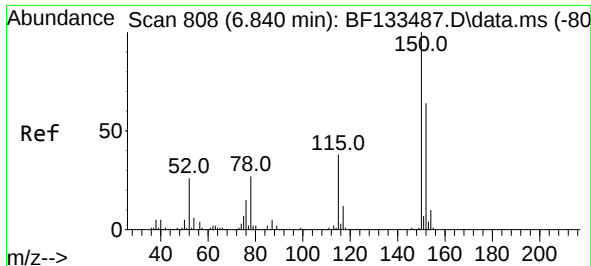
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052623\
Data File : BF133512.D
Acq On : 26 May 2023 22:09
Operator : CG\JU
Sample : 02908-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB10A

Quant Time: May 27 01:12:45 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

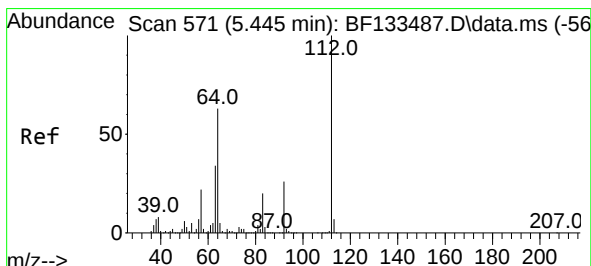
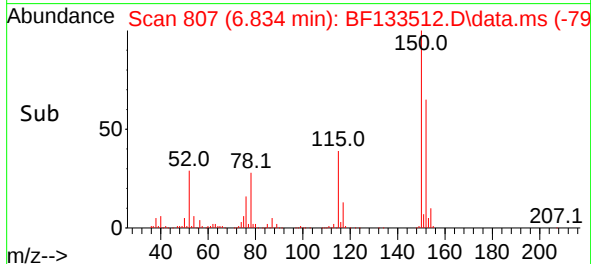
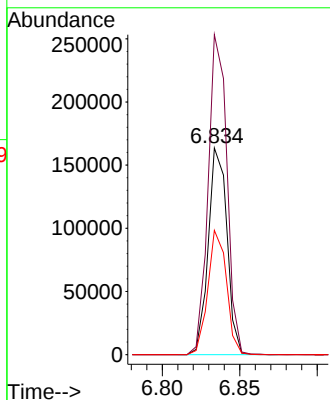
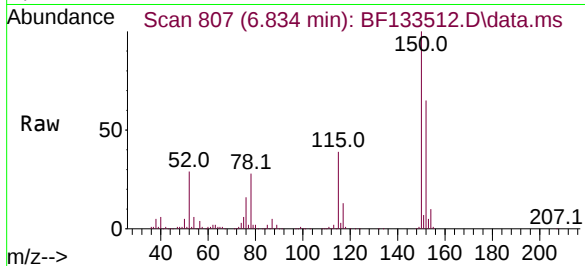




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF133512.D
Acq: 26 May 2023 22:09

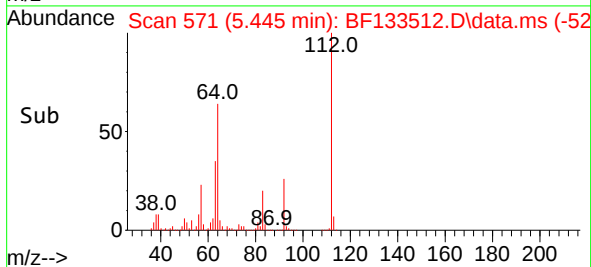
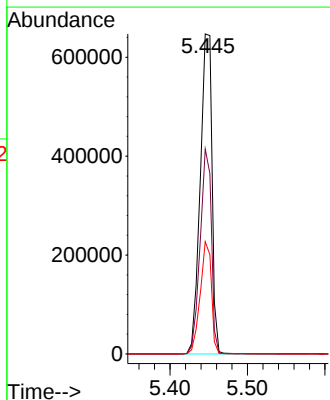
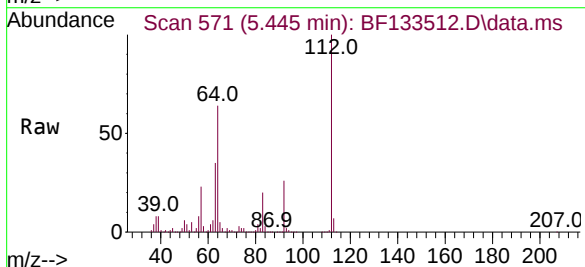
Instrument :
BNA_F
ClientSampleId :
SB10A

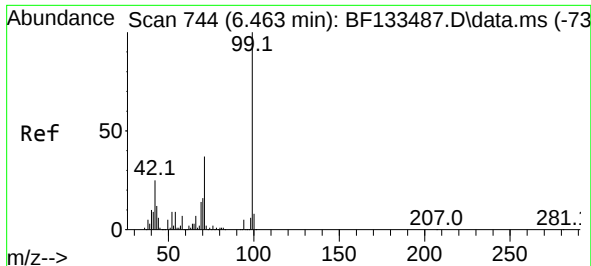
Tgt Ion:152 Resp: 137516
Ion Ratio Lower Upper
152 100
150 154.8 124.9 187.3
115 60.1 48.1 72.1



#5
2-Fluorophenol
Concen: 83.347 ng
RT: 5.445 min Scan# 571
Delta R.T. -0.000 min
Lab File: BF133512.D
Acq: 26 May 2023 22:09

Tgt Ion:112 Resp: 686951
Ion Ratio Lower Upper
112 100
64 64.1 50.1 75.1
63 35.1 27.5 41.3

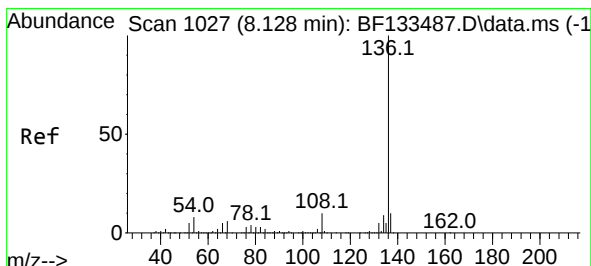
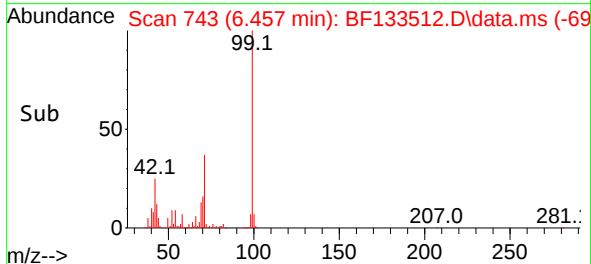
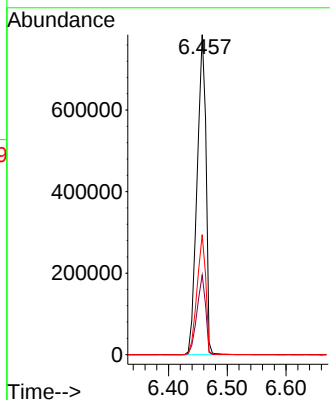
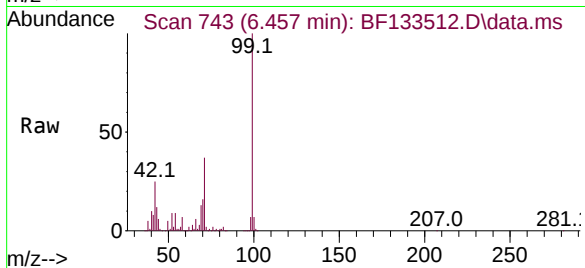




#7
Phenol-d6
Concen: 81.376 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133512.D
Acq: 26 May 2023 22:09

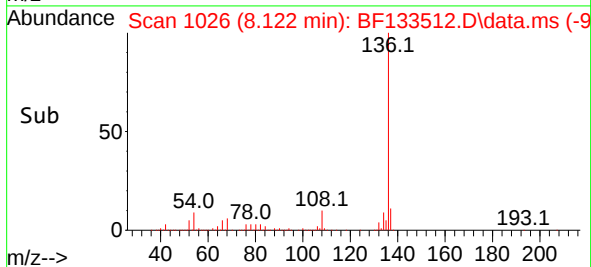
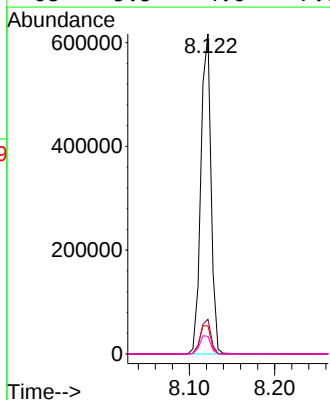
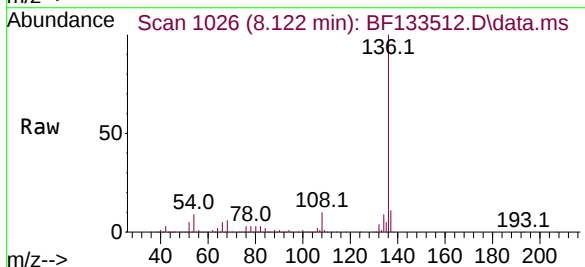
Instrument :
BNA_F
ClientSampleId :
SB10A

Tgt Ion: 99 Resp: 825645
Ion Ratio Lower Upper
99 100
42 24.9 19.7 29.5
71 37.5 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: BF133512.D
Acq: 26 May 2023 22:09

Tgt Ion: 136 Resp: 512371
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.4
54 8.8 6.6 10.0
68 5.5 4.6 7.0





#23

Nitrobenzene-d5

Concen: 67.385 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133512.D

Acq: 26 May 2023 22:09

Instrument :

BNA_F

ClientSampleId :

SB10A

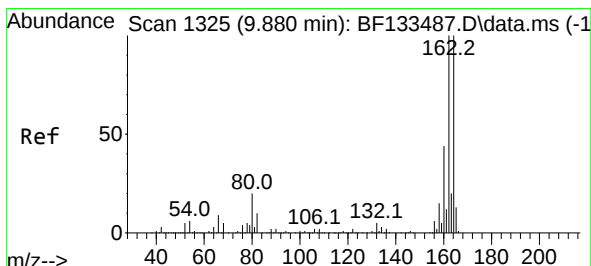
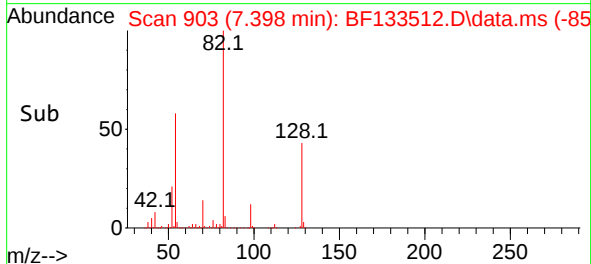
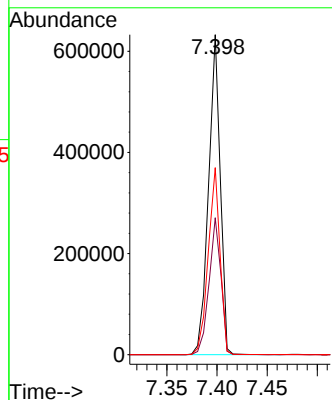
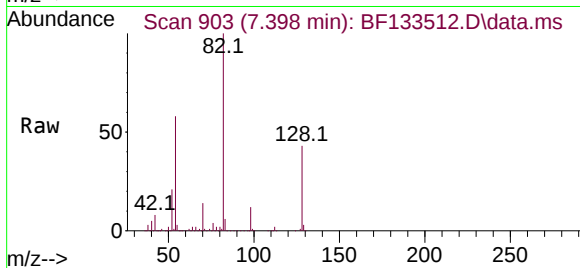
Tgt Ion: 82 Resp: 517105

Ion Ratio Lower Upper

82 100

128 42.8 34.2 51.4

54 58.5 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: BF133512.D

Acq: 26 May 2023 22:09

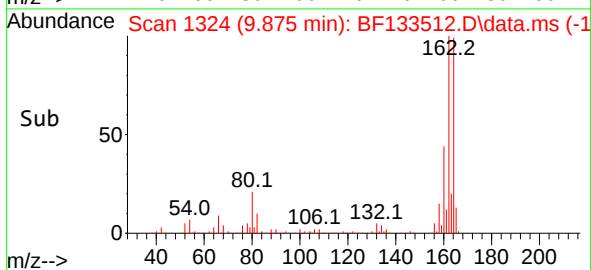
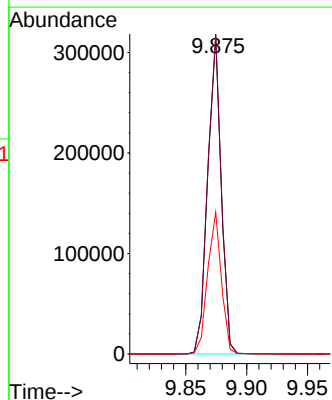
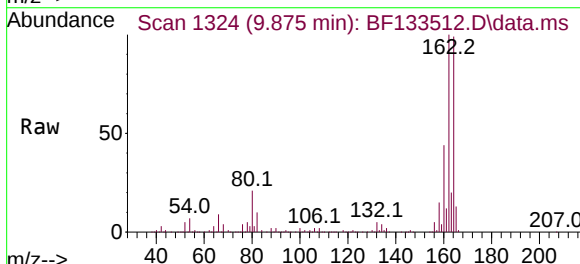
Tgt Ion: 164 Resp: 242140

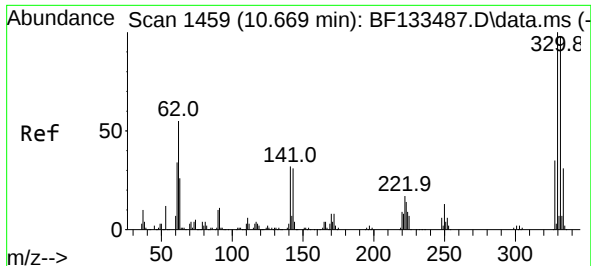
Ion Ratio Lower Upper

164 100

162 100.7 79.7 119.5

160 44.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 88.635 ng

RT: 10.663 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF133512.D

Acq: 26 May 2023 22:09

Instrument :

BNA_F

ClientSampleId :

SB10A

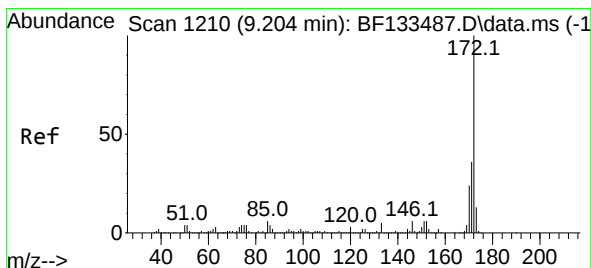
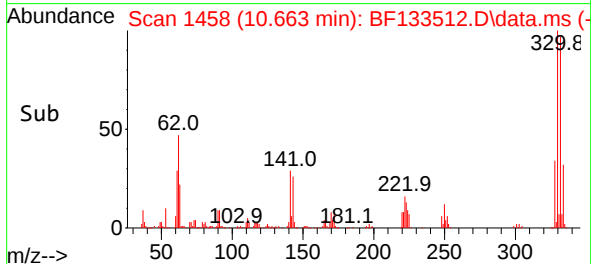
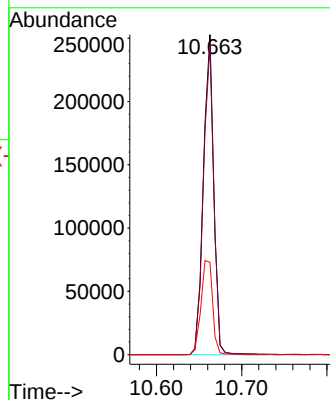
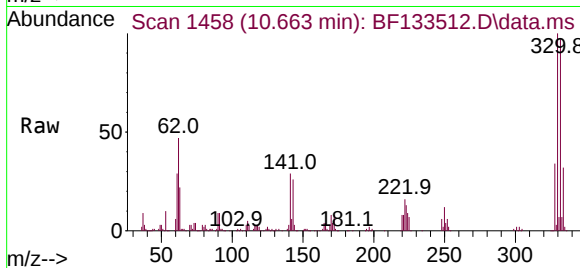
Tgt Ion:330 Resp: 213937

Ion Ratio Lower Upper

330 100

332 97.1 77.8 116.6

141 33.0 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 56.802 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF133512.D

Acq: 26 May 2023 22:09

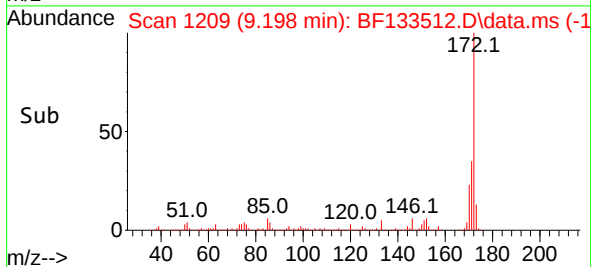
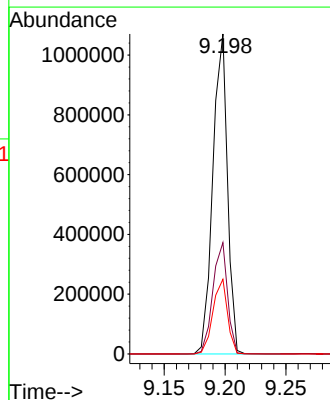
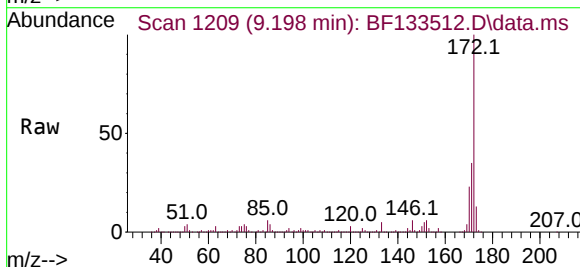
Tgt Ion:172 Resp: 891135

Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

170 23.4 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: BF133512.D

Acq: 26 May 2023 22:09

Instrument :

BNA_F

ClientSampleId :

SB10A

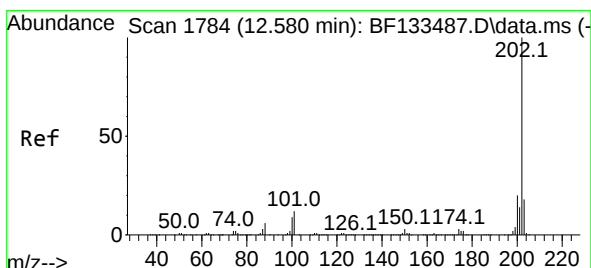
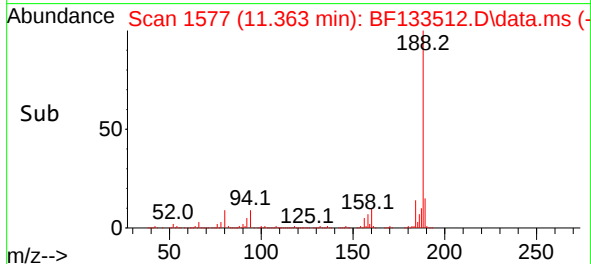
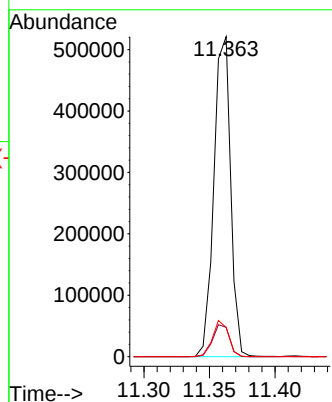
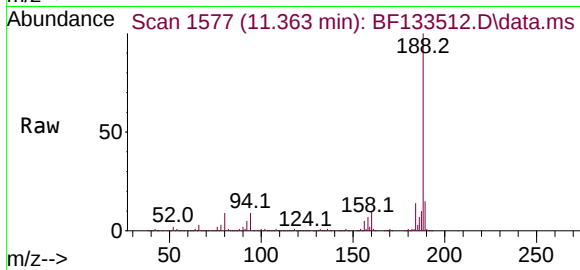
Tgt Ion:188 Resp: 463146

Ion Ratio Lower Upper

188 100

94 9.2 8.6 12.8

80 9.2 9.2 13.8#



#75

Fluoranthene

Concen: 2.337 ng

RT: 12.574 min Scan# 1783

Delta R.T. -0.006 min

Lab File: BF133512.D

Acq: 26 May 2023 22:09

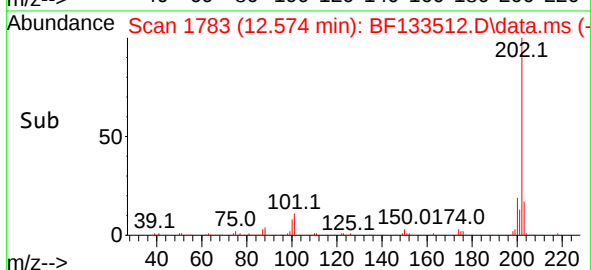
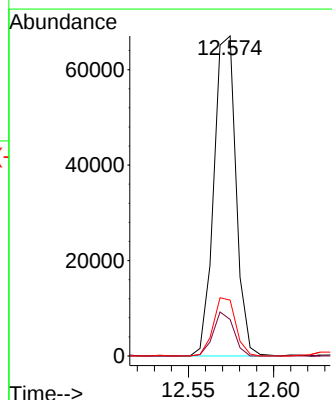
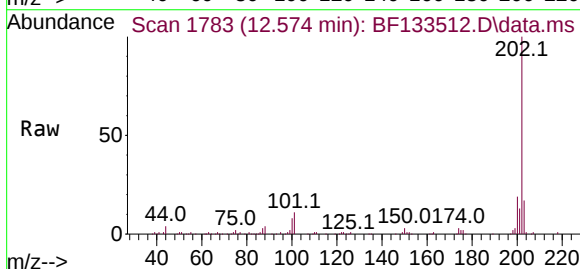
Tgt Ion:202 Resp: 60546

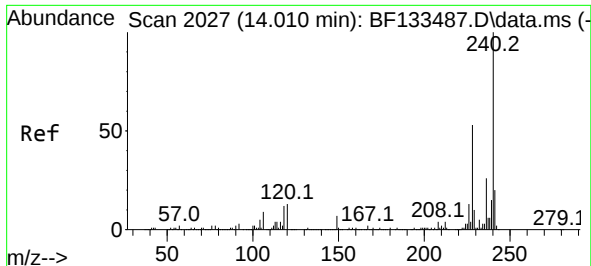
Ion Ratio Lower Upper

202 100

101 11.4 0.0 32.2

203 17.5 0.0 37.8

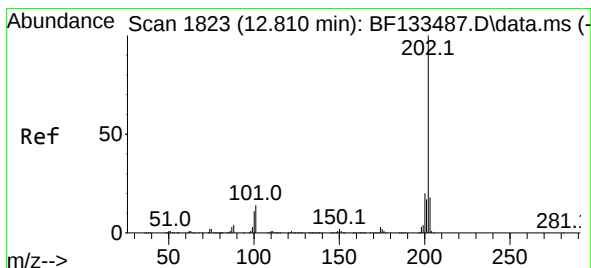
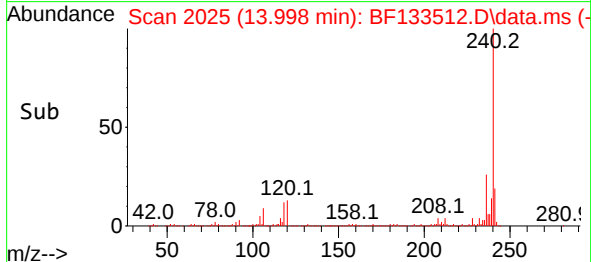
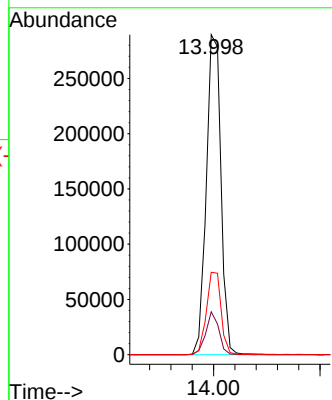
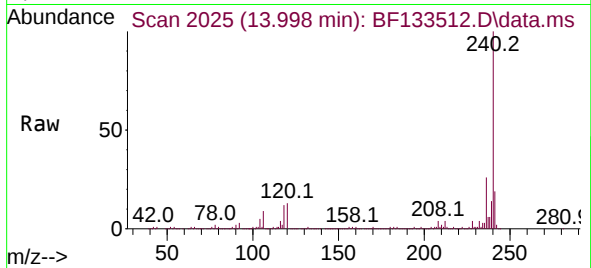




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF133512.D
Acq: 26 May 2023 22:09

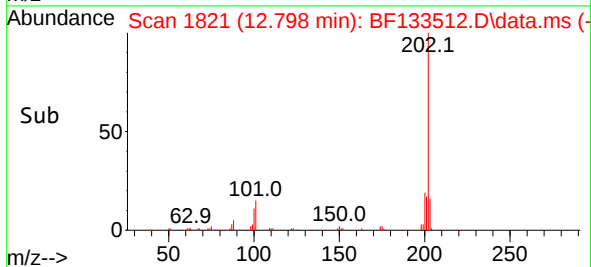
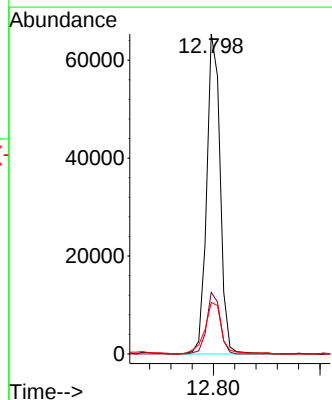
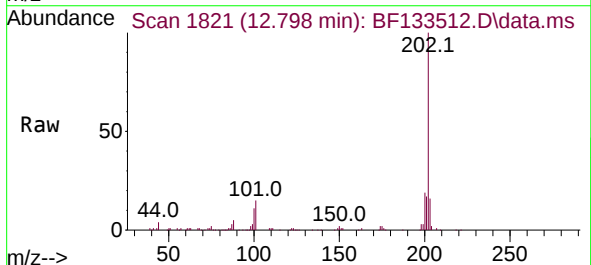
Instrument :
BNA_F
ClientSampleId :
SB10A

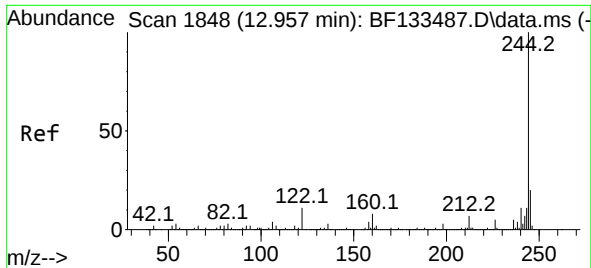
Tgt Ion:240 Resp: 277710
Ion Ratio Lower Upper
240 100
120 13.4 10.3 15.5
236 25.7 20.5 30.7



#78
Pyrene
Concen: 2.440 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BF133512.D
Acq: 26 May 2023 22:09

Tgt Ion:202 Resp: 57665
Ion Ratio Lower Upper
202 100
200 19.3 16.3 24.5
203 16.1 14.3 21.5

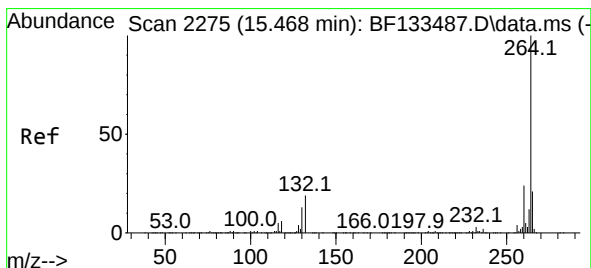
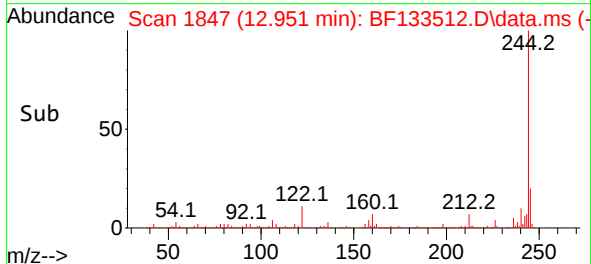
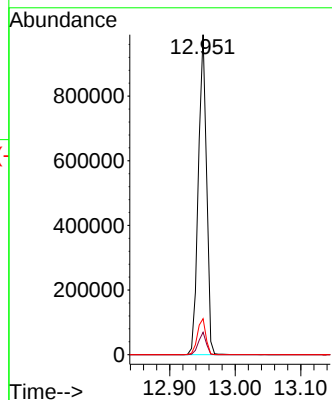
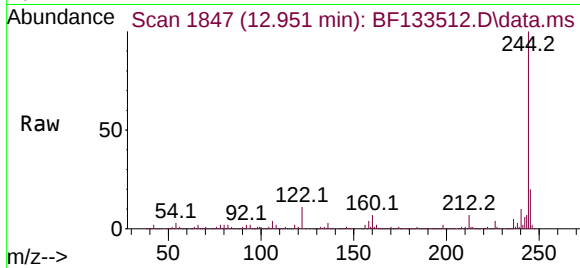




#79
 Terphenyl-d14
 Concen: 55.249 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133512.D
 Acq: 26 May 2023 22:09

Instrument :
 BNA_F
 ClientSampleId :
 SB10A

Tgt Ion:244 Resp: 862960
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 11.2 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. -0.012 min
 Lab File: BF133512.D
 Acq: 26 May 2023 22:09

Tgt Ion:264 Resp: 271725
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.4
 265 22.6 16.8 25.2

