

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052523\
 Data File : BF133493.D
 Acq On : 25 May 2023 18:00
 Operator : CG\JU
 Sample : 02888-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-SB-20(ELEV-13-11)

Quant Time: May 26 02:07:41 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	6.833	152	91547	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	344371	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	153826	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	266159	20.000	ng	0.00
76) Chrysene-d12	13.998	240	198051	20.000	ng	-0.01
86) Perylene-d12	15.456	264	236975	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	504240	91.899	ng	0.00
7) Phenol-d6	6.451	99	598845	88.660	ng	-0.01
23) Nitrobenzene-d5	7.398	82	366260	71.013	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	132922	86.687	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	681193	68.349	ng	0.00
79) Terphenyl-d14	12.951	244	626536	56.247	ng	0.00

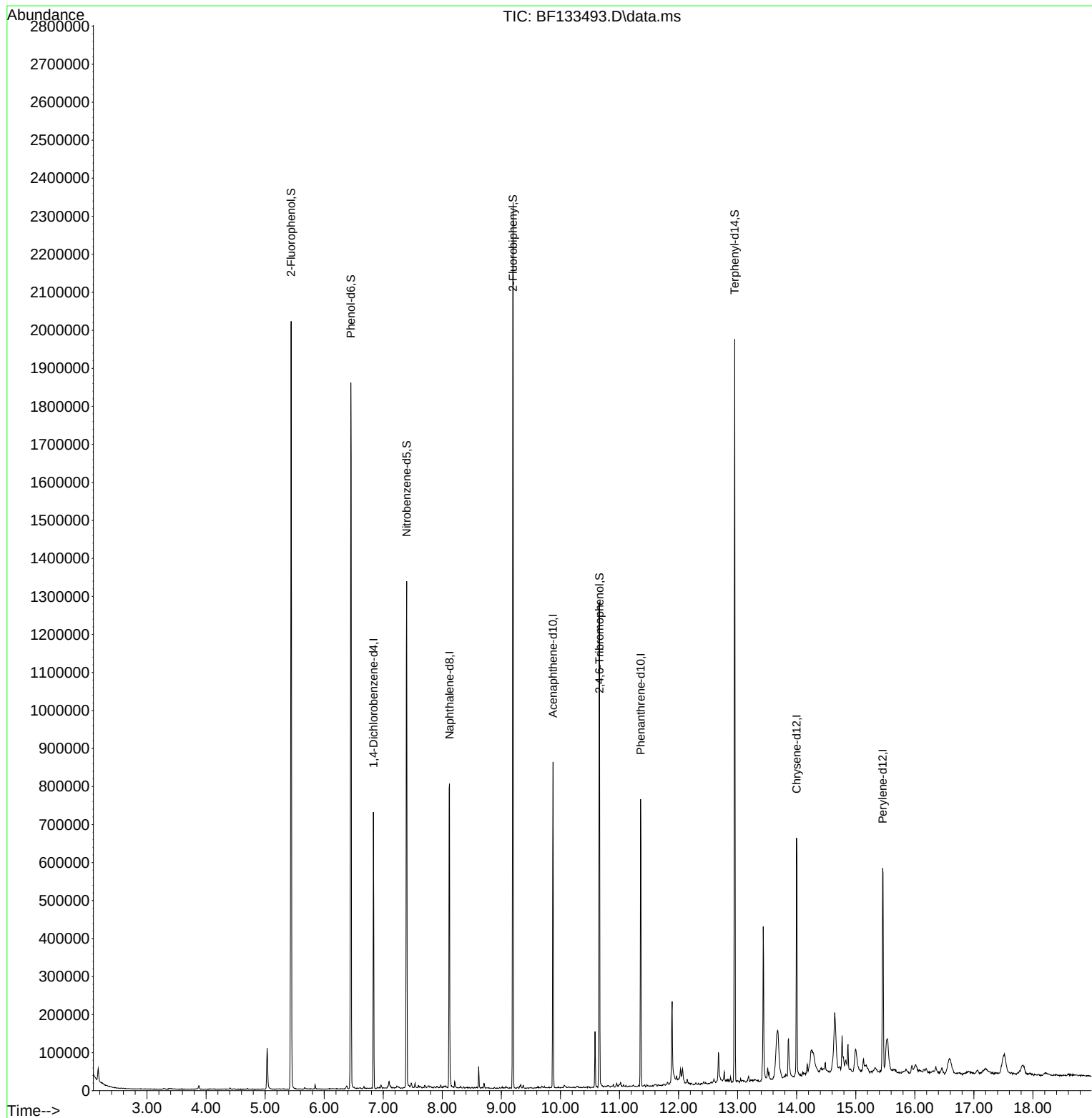
Target Compounds	Qvalue

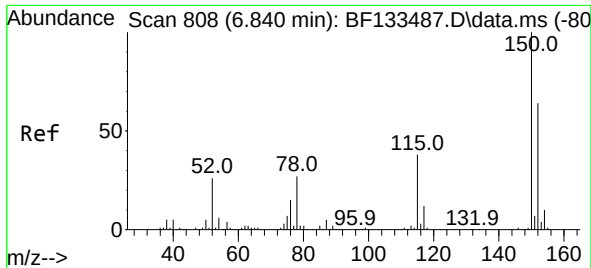
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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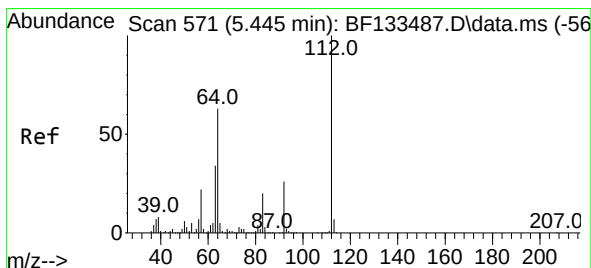
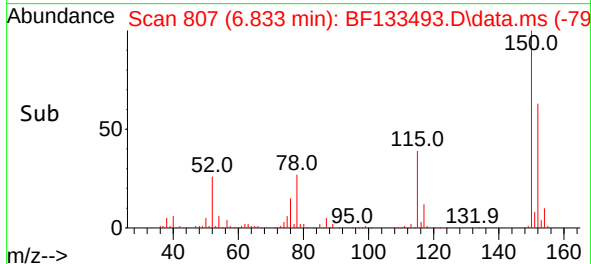
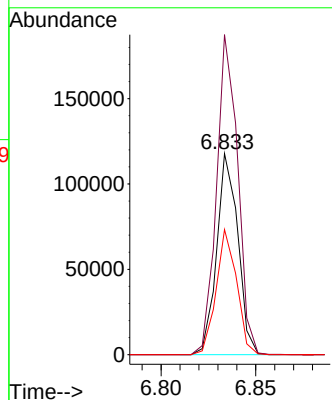
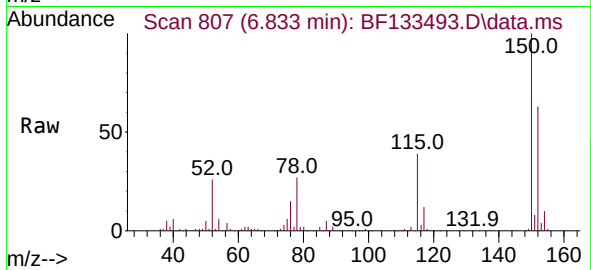




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.833 min Scan# 80
Delta R.T. -0.007 min
Lab File: BF133493.D
Acq: 25 May 2023 18:00

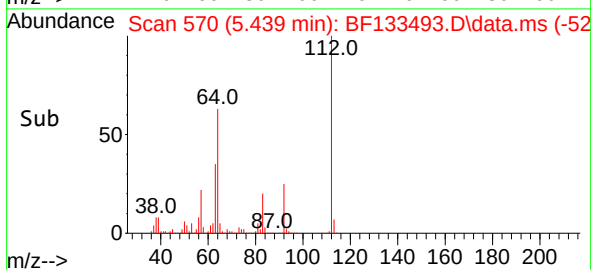
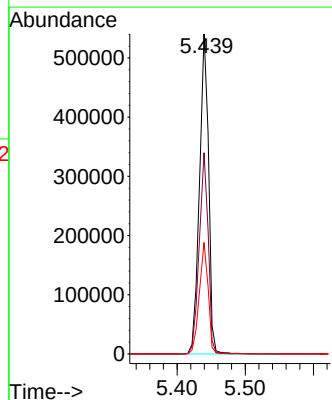
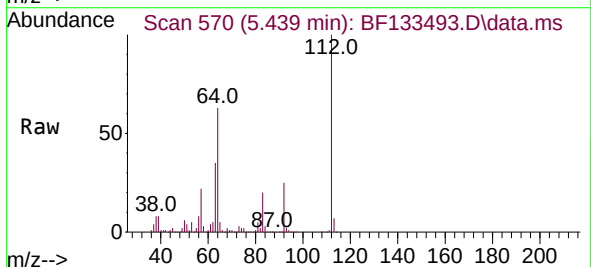
Instrument :
BNA_F
ClientSampleId :
FS-SB-20(ELEV-13-11)

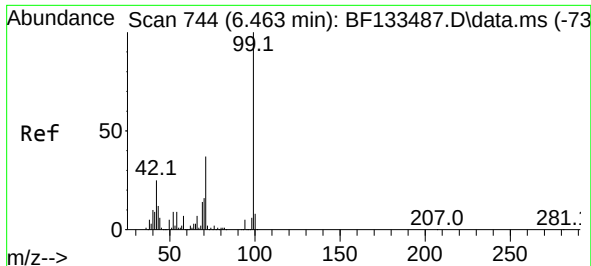
Tgt Ion:152 Resp: 91547
Ion Ratio Lower Upper
152 100
150 159.1 124.9 187.3
115 62.2 48.1 72.1



#5
2-Fluorophenol
Concen: 91.899 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.006 min
Lab File: BF133493.D
Acq: 25 May 2023 18:00

Tgt Ion:112 Resp: 504240
Ion Ratio Lower Upper
112 100
64 62.9 50.1 75.1
63 34.9 27.5 41.3

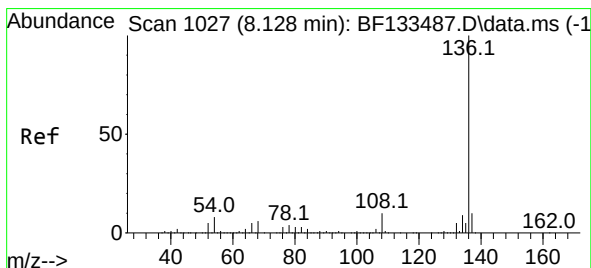
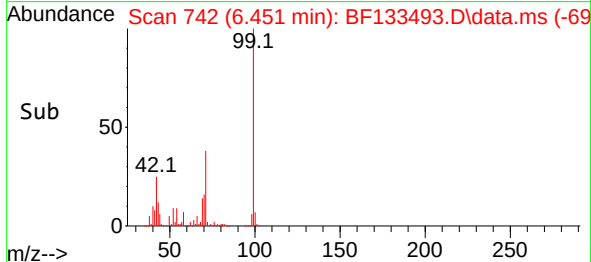
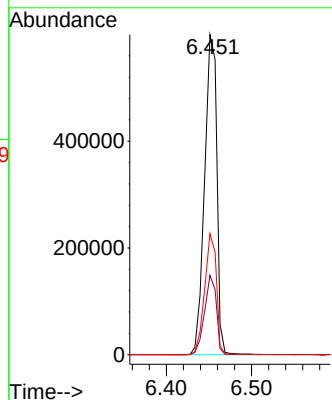
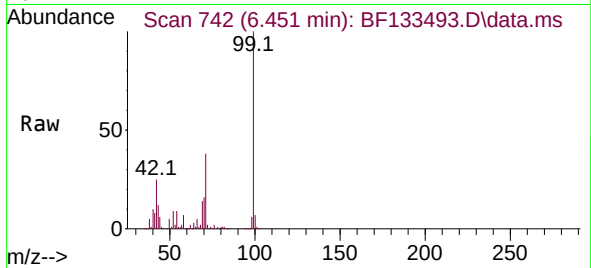




#7
Phenol-d6
Concen: 88.660 ng
RT: 6.451 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF133493.D
Acq: 25 May 2023 18:00

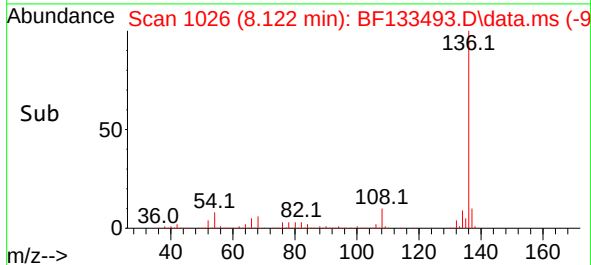
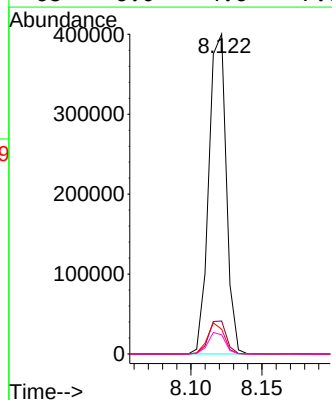
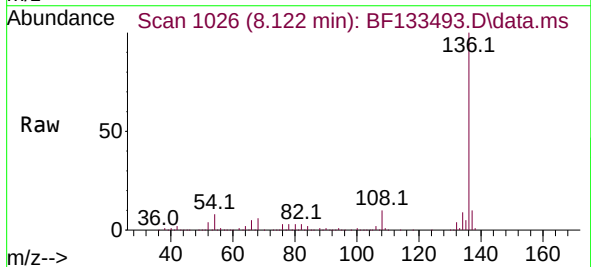
Instrument :
BNA_F
ClientSampleId :
FS-SB-20(ELEV-13-11)

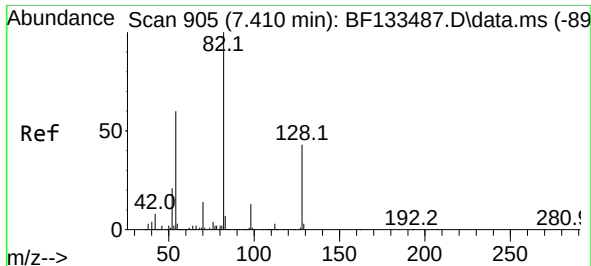
Tgt Ion: 99 Resp: 598845
Ion Ratio Lower Upper
99 100
42 24.8 19.7 29.5
71 37.8 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133493.D
Acq: 25 May 2023 18:00

Tgt Ion: 136 Resp: 344371
Ion Ratio Lower Upper
136 100
137 10.3 8.2 12.4
54 7.7 6.6 10.0
68 6.0 4.6 7.0





#23

Nitrobenzene-d5

Concen: 71.013 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133493.D

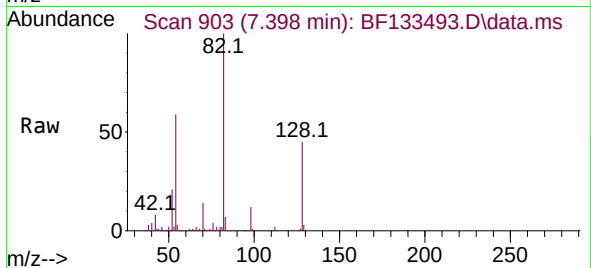
Acq: 25 May 2023 18:00

Instrument :

BNA_F

ClientSampleId :

FS-SB-20(ELEV-13-11)



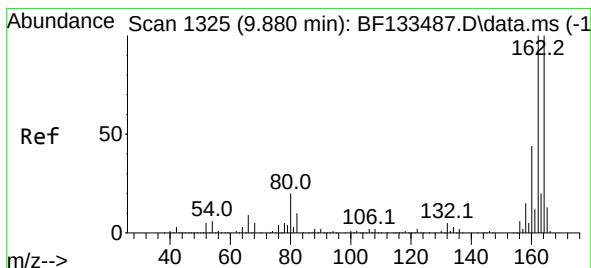
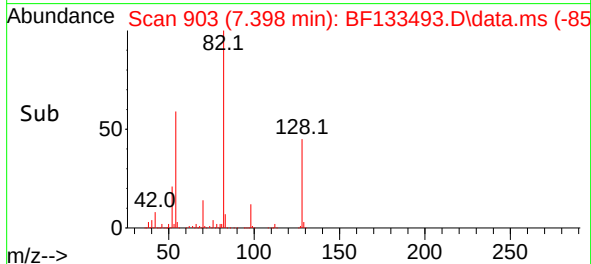
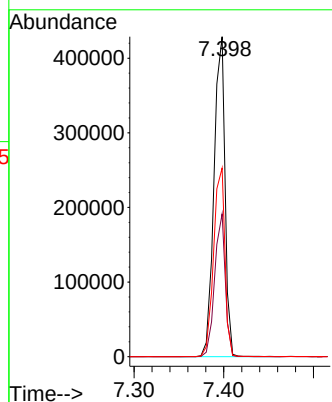
Tgt Ion: 82 Resp: 366260

Ion Ratio Lower Upper

82 100

128 44.7 34.2 51.4

54 58.9 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.874 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF133493.D

Acq: 25 May 2023 18:00

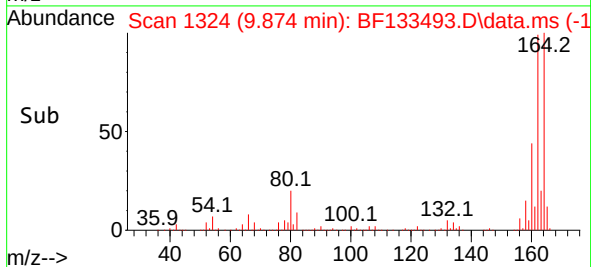
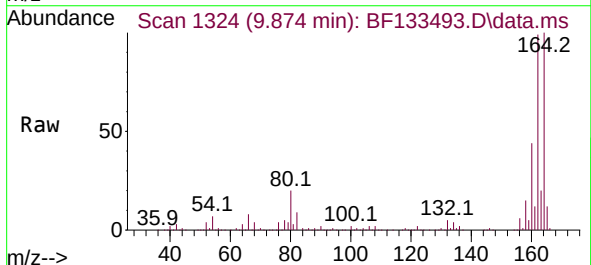
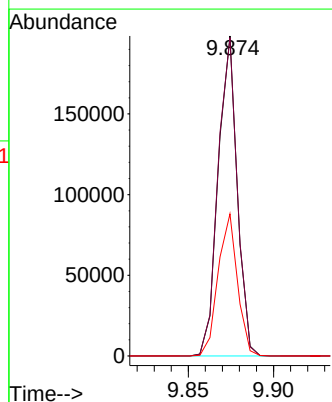
Tgt Ion: 164 Resp: 153826

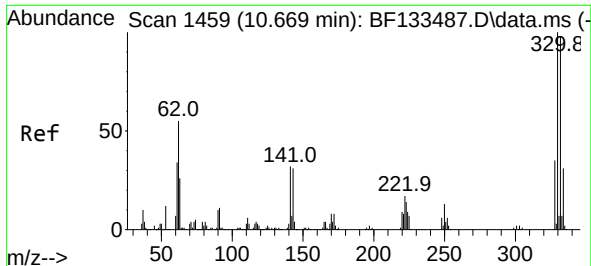
Ion Ratio Lower Upper

164 100

162 99.5 79.7 119.5

160 44.4 35.4 53.0

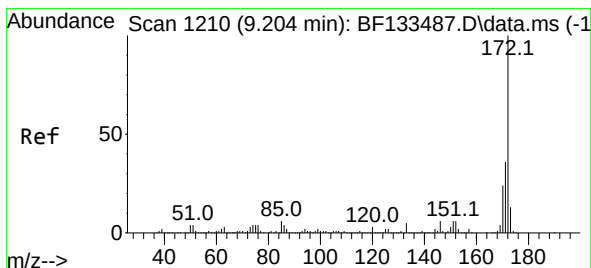
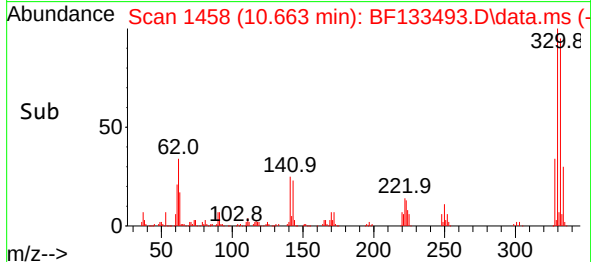
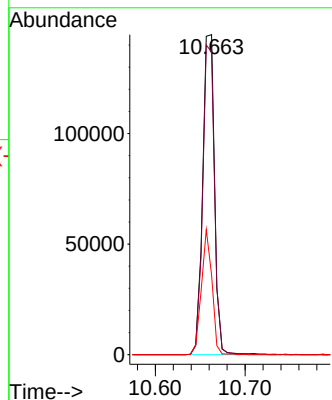
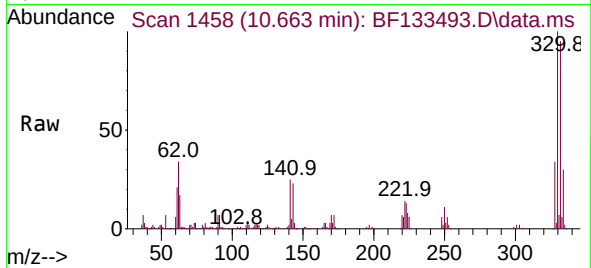




#42
2,4,6-Tribromophenol
Concen: 86.687 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF133493.D
Acq: 25 May 2023 18:00

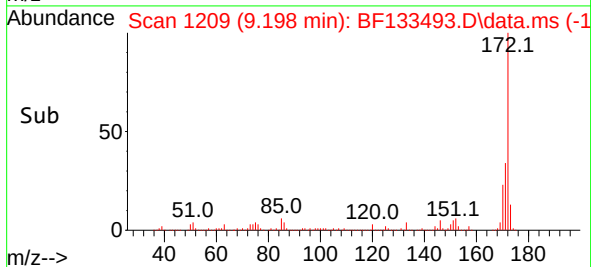
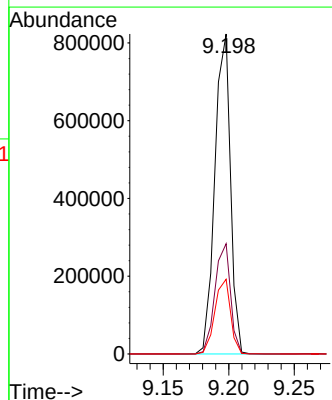
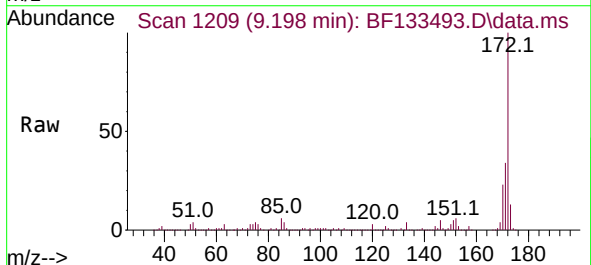
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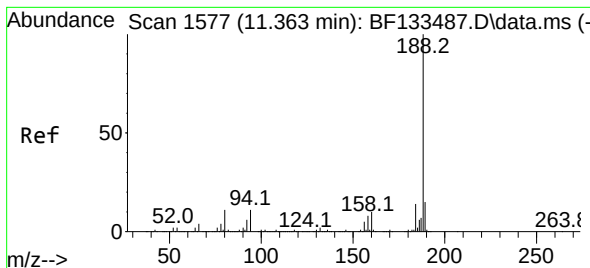
Tgt Ion:330 Resp: 132922
Ion Ratio Lower Upper
330 100
332 96.1 77.8 116.6
141 34.7 26.6 40.0



#45
2-Fluorobiphenyl
Concen: 68.349 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF133493.D
Acq: 25 May 2023 18:00

Tgt Ion:172 Resp: 681193
Ion Ratio Lower Upper
172 100
171 34.5 28.4 42.6
170 23.4 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133493.D

Acq: 25 May 2023 18:00

Instrument :

BNA_F

ClientSampleId :

FS-SB-20(ELEV-13-11)

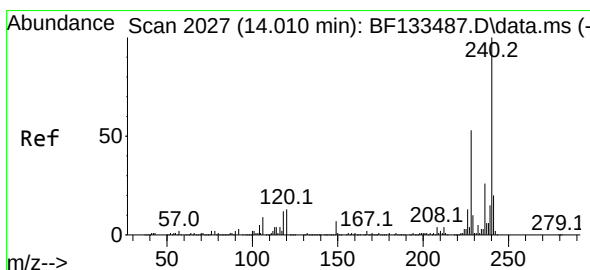
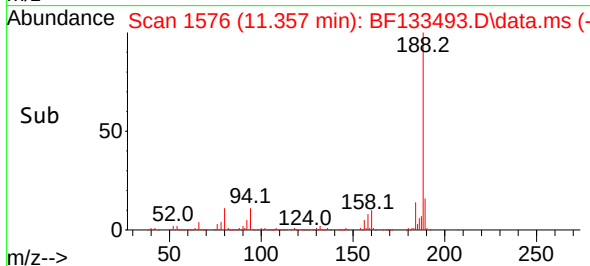
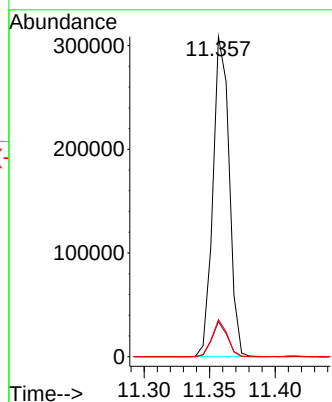
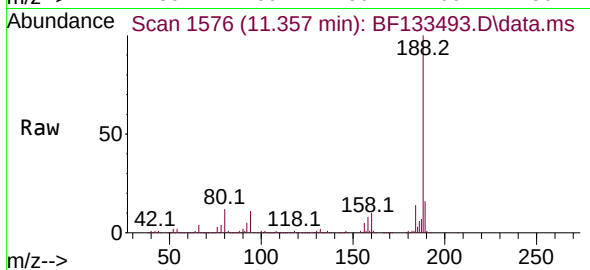
Tgt Ion:188 Resp: 266159

Ion Ratio Lower Upper

188 100

94 11.0 8.6 12.8

80 11.6 9.2 13.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.012 min

Lab File: BF133493.D

Acq: 25 May 2023 18:00

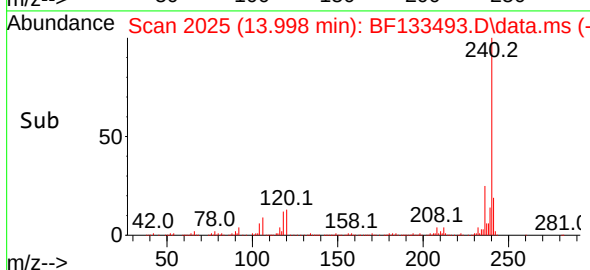
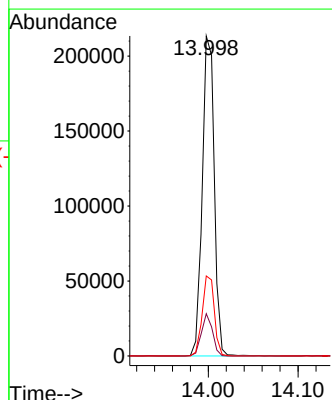
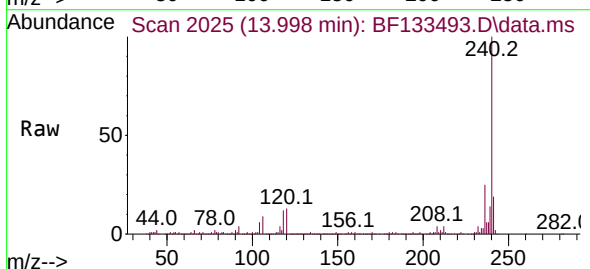
Tgt Ion:240 Resp: 198051

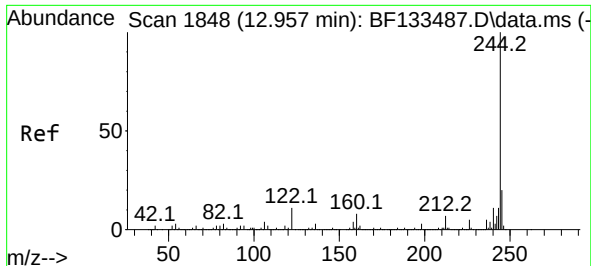
Ion Ratio Lower Upper

240 100

120 13.2 10.3 15.5

236 25.0 20.5 30.7

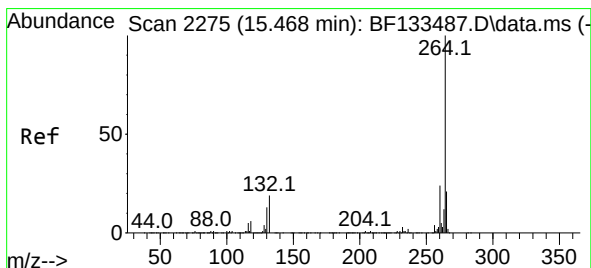
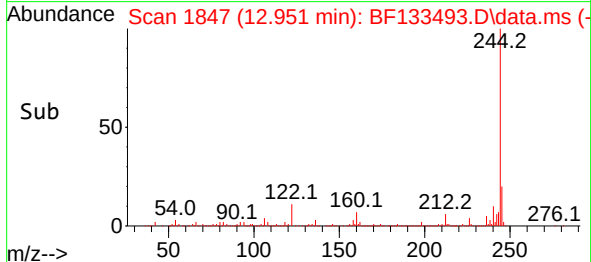
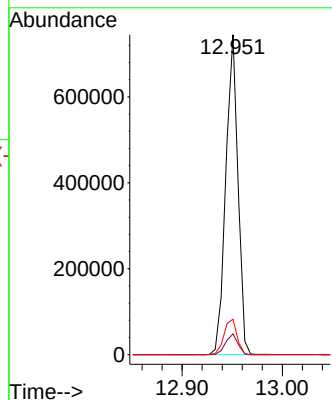
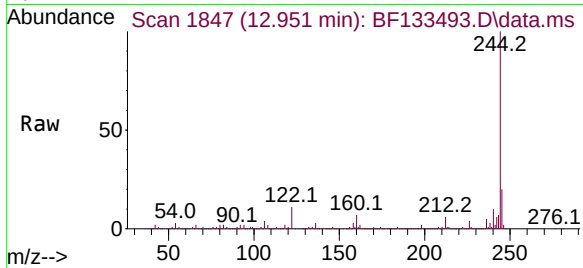




#79
 Terphenyl-d14
 Concen: 56.247 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF133493.D
 Acq: 25 May 2023 18:00

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Tgt Ion:244 Resp: 626536
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.6
 122 11.1 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.456 min Scan# 2273
 Delta R.T. -0.012 min
 Lab File: BF133493.D
 Acq: 25 May 2023 18:00

Tgt Ion:264 Resp: 236975
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.0 28.4
 265 22.0 16.8 25.2

