

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052523\
 Data File : BF133495.D
 Acq On : 25 May 2023 19:03
 Operator : CG\JU
 Sample : 02908-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB10A

Quant Time: May 26 02:08:10 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)

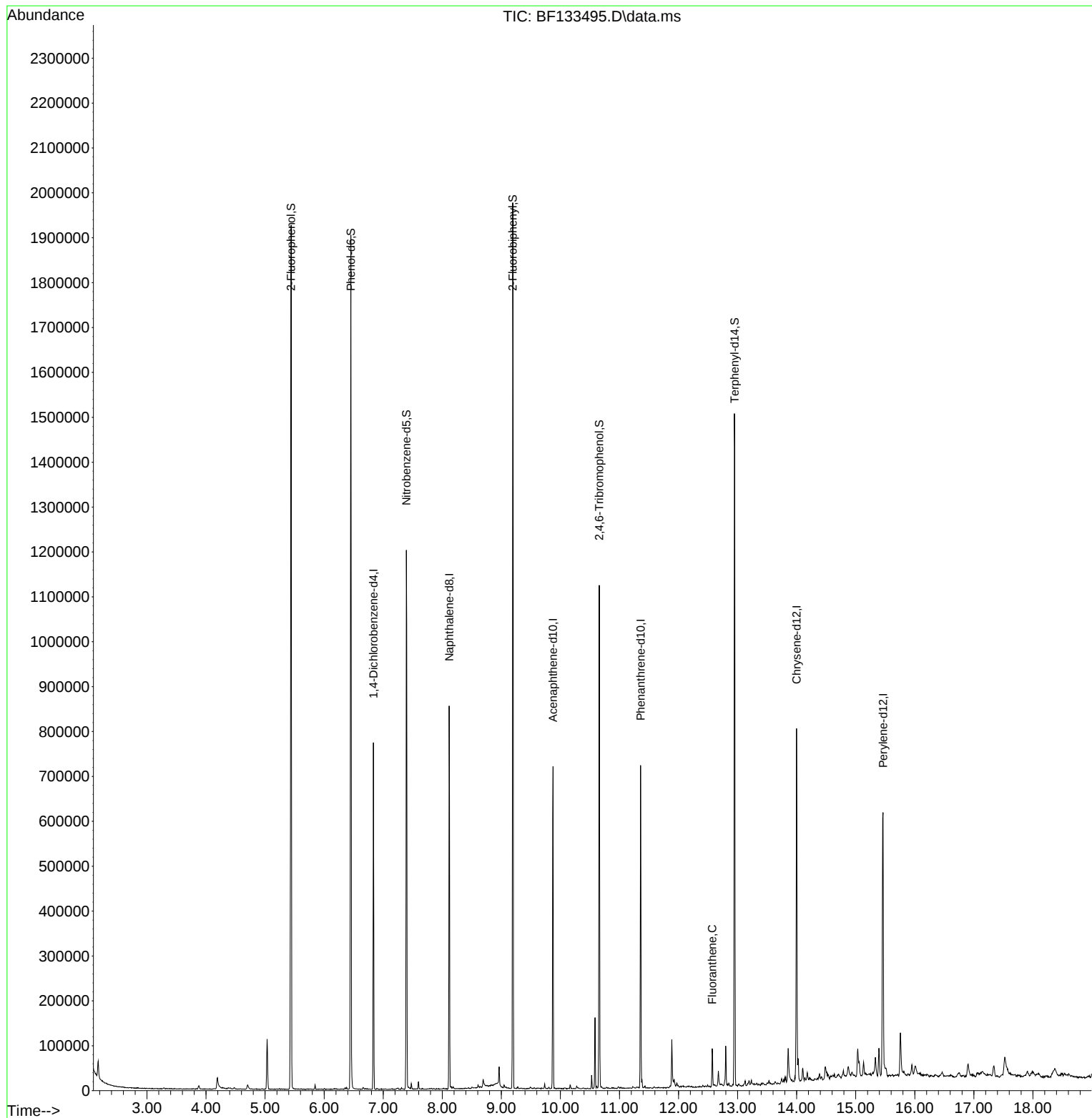
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	94719	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	328879	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	133098	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	236704	20.000	ng	0.00
76) Chrysene-d12	13.998	240	226074	20.000	ng	-0.01
86) Perylene-d12	15.463	264	274411	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	478705	84.323	ng	0.00
7) Phenol-d6	6.452	99	543538	77.776	ng	-0.01
23) Nitrobenzene-d5	7.393	82	329711	66.937	ng	-0.02
42) 2,4,6-Tribromophenol	10.657	330	109932	82.859	ng	-0.01
45) 2-Fluorobiphenyl	9.193	172	553893	64.231	ng	-0.01
79) Terphenyl-d14	12.951	244	514291	40.447	ng	0.00
Target Compounds						
75) Fluoranthene	12.569	202	32416	2.448	ng	Qvalue 94

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

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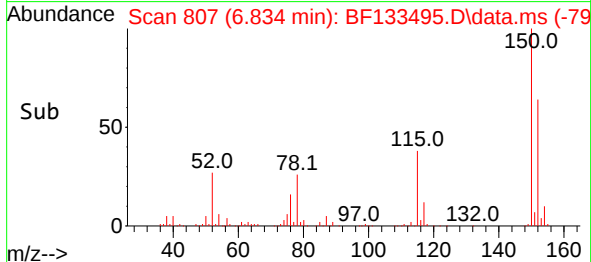
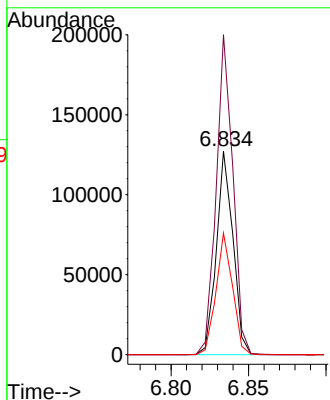
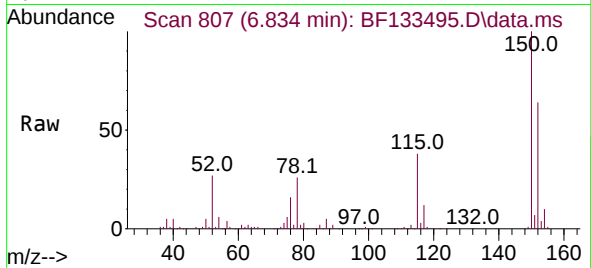




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF133495.D
 Acq: 25 May 2023 19:03

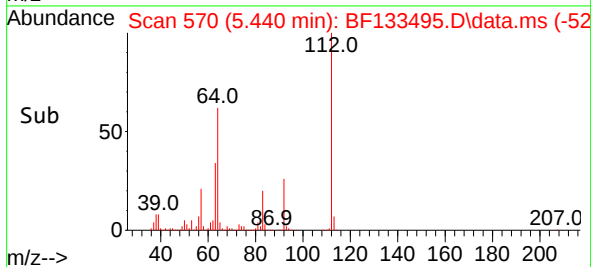
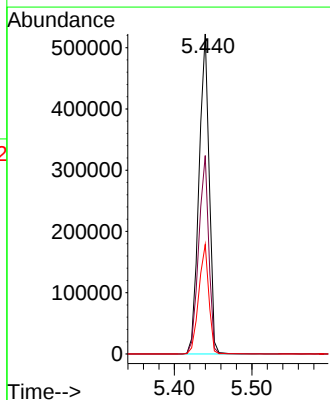
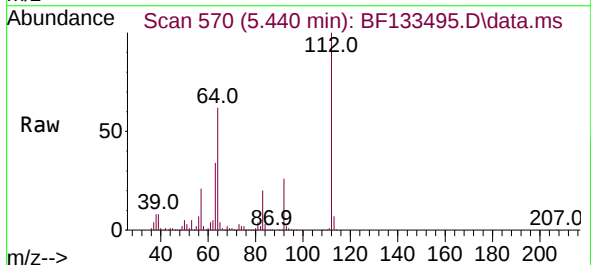
Instrument :
 BNA_F
 ClientSampleId :
 SB10A

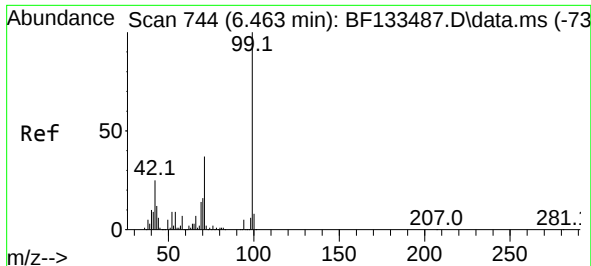
Tgt Ion:152 Resp: 94719
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.9 187.3
 115 59.8 48.1 72.1



#5
 2-Fluorophenol
 Concen: 84.323 ng
 RT: 5.440 min Scan# 570
 Delta R.T. -0.006 min
 Lab File: BF133495.D
 Acq: 25 May 2023 19:03

Tgt Ion:112 Resp: 478705
 Ion Ratio Lower Upper
 112 100
 64 62.0 50.1 75.1
 63 34.2 27.5 41.3

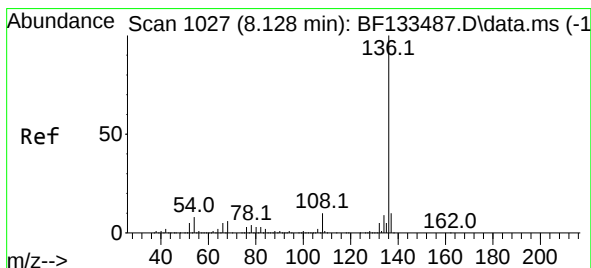
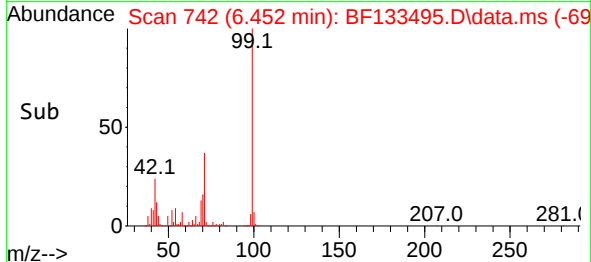
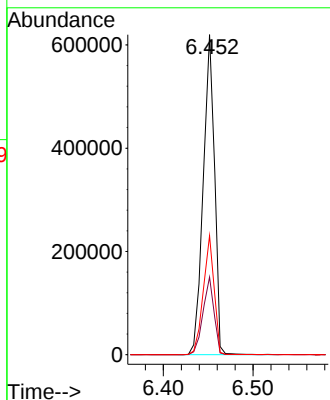
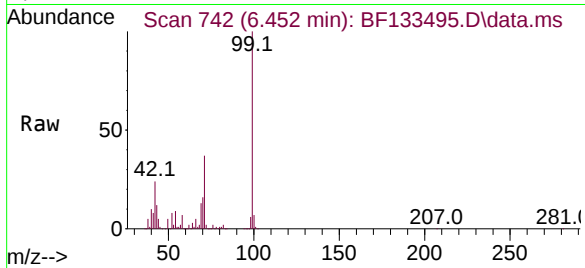




#7
Phenol-d6
Concen: 77.776 ng
RT: 6.452 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF133495.D
Acq: 25 May 2023 19:03

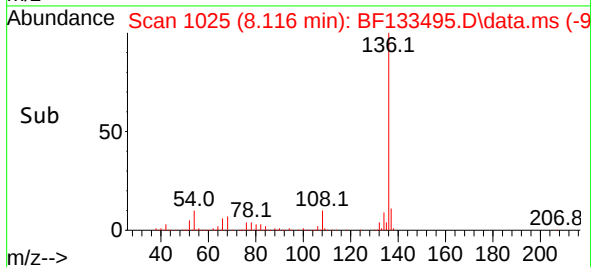
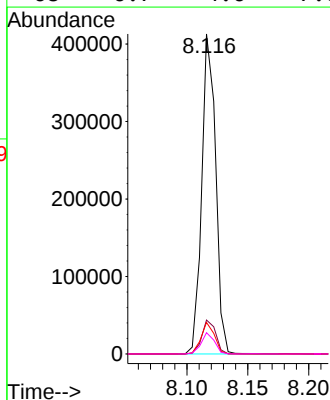
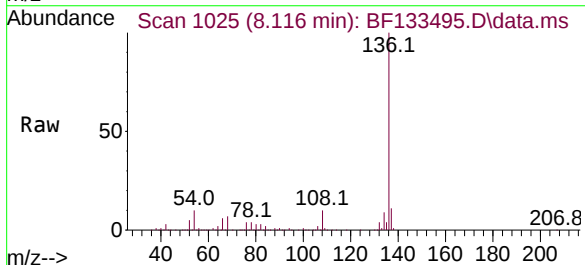
Instrument :
BNA_F
ClientSampleId :
SB10A

Tgt Ion: 99 Resp: 543538
Ion Ratio Lower Upper
99 100
42 24.3 19.7 29.5
71 37.2 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF133495.D
Acq: 25 May 2023 19:03

Tgt Ion: 136 Resp: 328879
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.4
54 9.8 6.6 10.0
68 6.7 4.6 7.0





#23

Nitrobenzene-d5

Concen: 66.937 ng

RT: 7.393 min Scan# 905

Delta R.T. -0.017 min

Lab File: BF133495.D

Acq: 25 May 2023 19:03

Instrument :

BNA_F

ClientSampleId :

SB10A

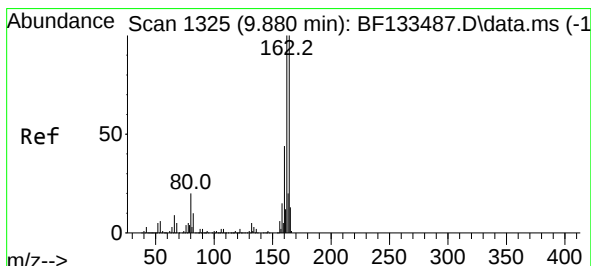
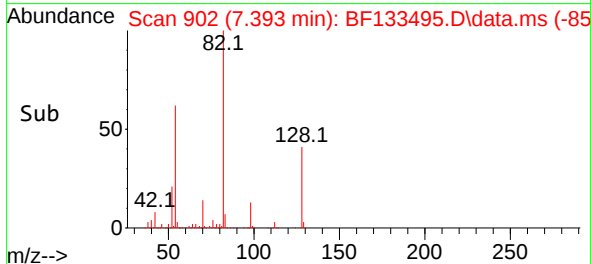
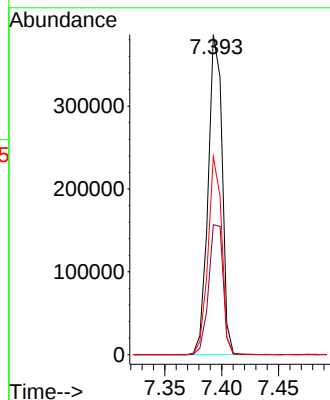
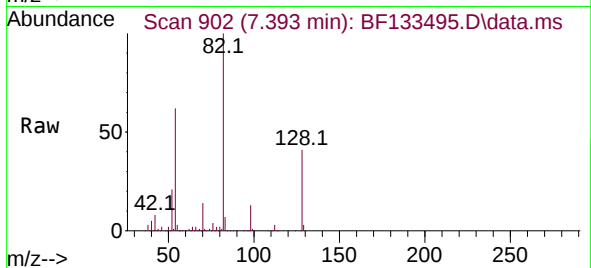
Tgt Ion: 82 Resp: 329711

Ion Ratio Lower Upper

82 100

128 40.6 34.2 51.4

54 61.9 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: BF133495.D

Acq: 25 May 2023 19:03

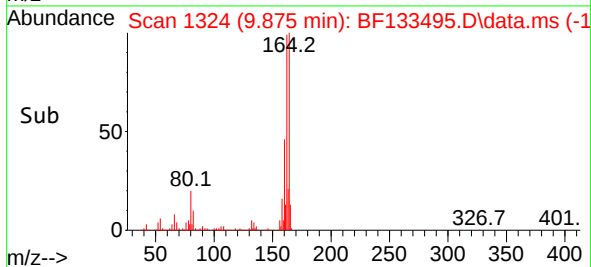
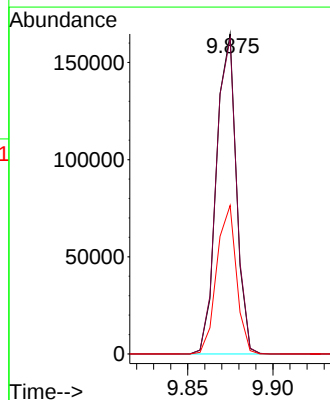
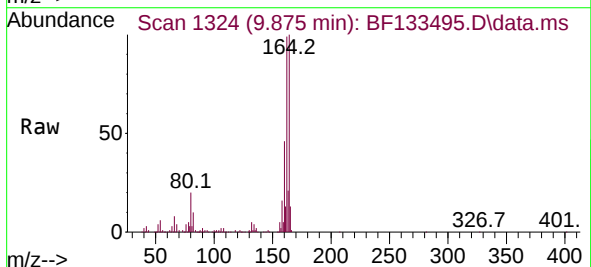
Tgt Ion:164 Resp: 133098

Ion Ratio Lower Upper

164 100

162 98.6 79.7 119.5

160 46.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 82.859 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.012 min

Lab File: BF133495.D

Acq: 25 May 2023 19:03

Instrument :

BNA_F

ClientSampleId :

SB10A

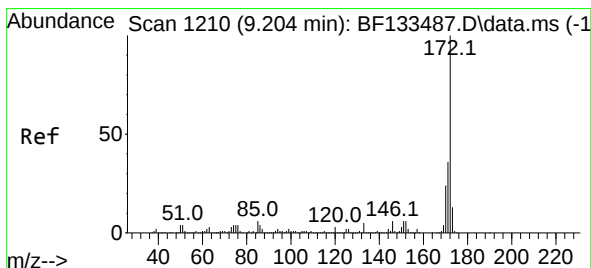
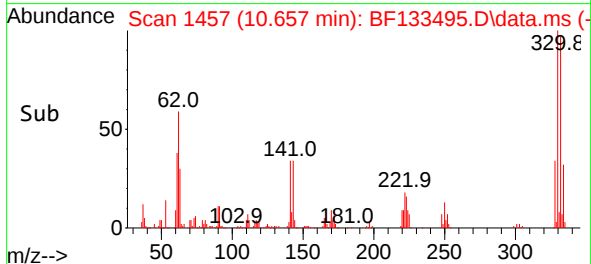
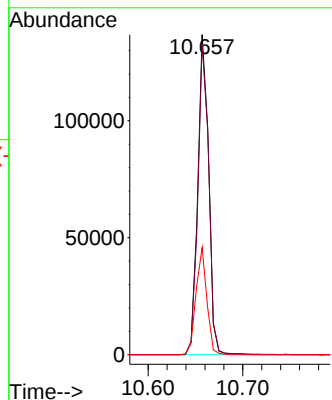
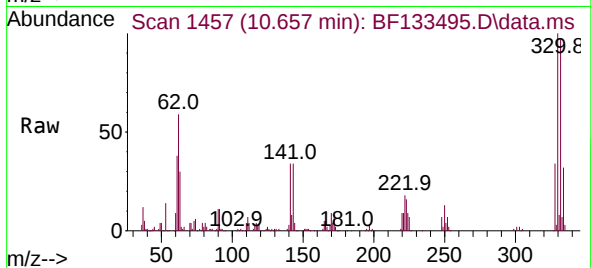
Tgt Ion:330 Resp: 109932

Ion Ratio Lower Upper

330 100

332 97.1 77.8 116.6

141 33.1 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 64.231 ng

RT: 9.193 min Scan# 1208

Delta R.T. -0.011 min

Lab File: BF133495.D

Acq: 25 May 2023 19:03

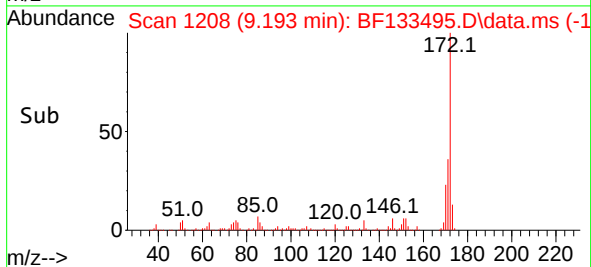
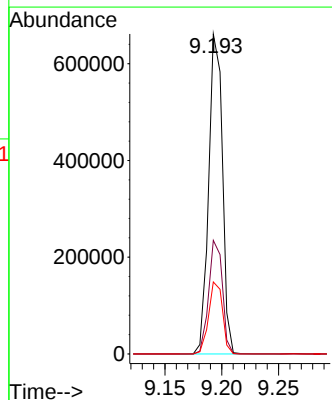
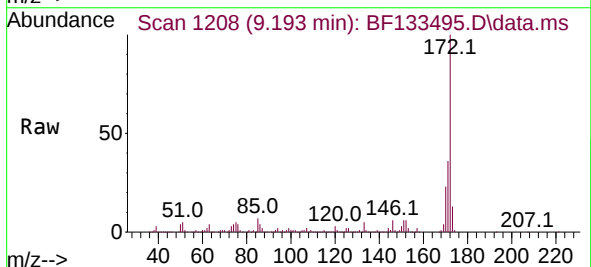
Tgt Ion:172 Resp: 553893

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 22.5 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133495.D

Acq: 25 May 2023 19:03

Instrument :

BNA_F

ClientSampleId :

SB10A

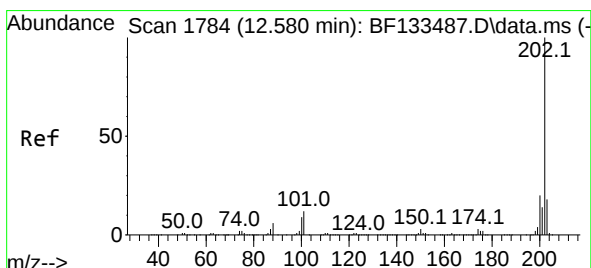
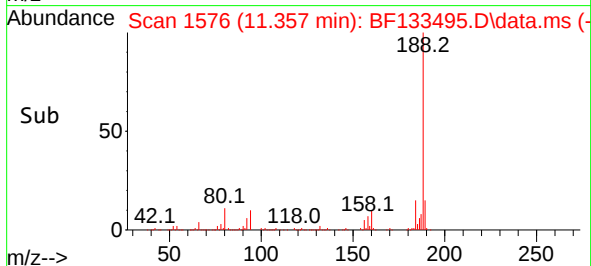
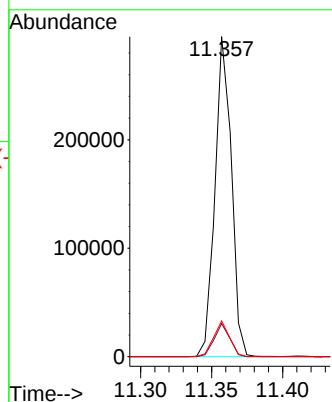
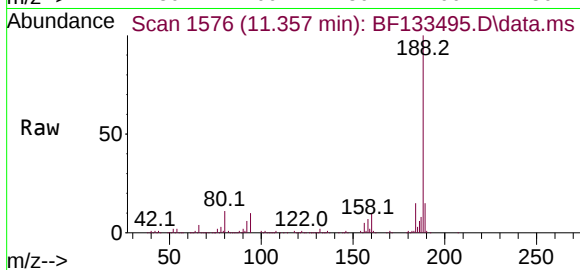
Tgt Ion:188 Resp: 236704

Ion Ratio Lower Upper

188 100

94 10.4 8.6 12.8

80 11.2 9.2 13.8



#75

Fluoranthene

Concen: 2.448 ng

RT: 12.569 min Scan# 1782

Delta R.T. -0.012 min

Lab File: BF133495.D

Acq: 25 May 2023 19:03

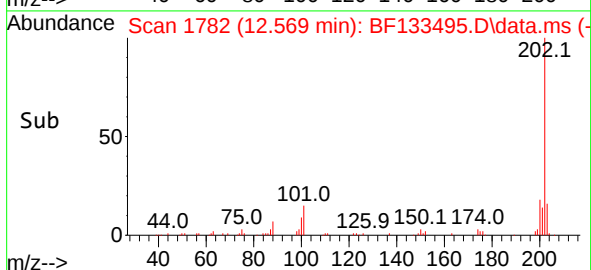
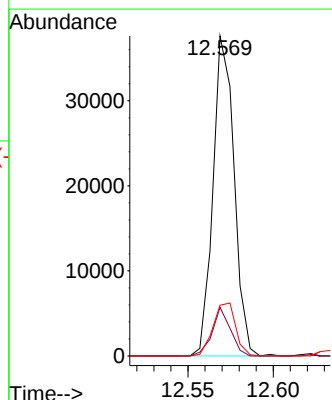
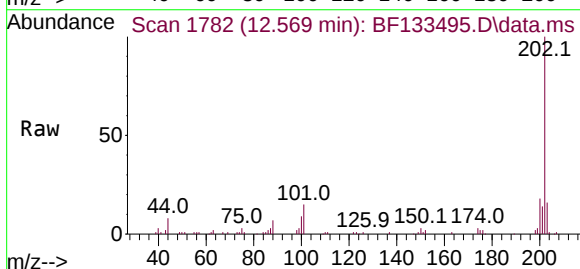
Tgt Ion:202 Resp: 32416

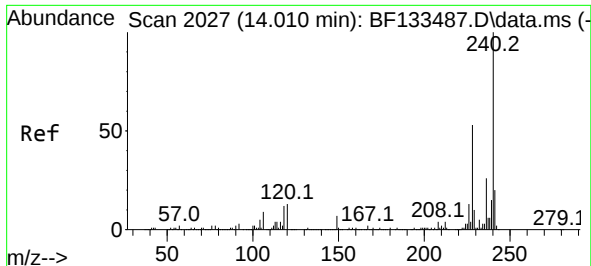
Ion Ratio Lower Upper

202 100

101 15.2 0.0 32.2

203 15.8 0.0 37.8

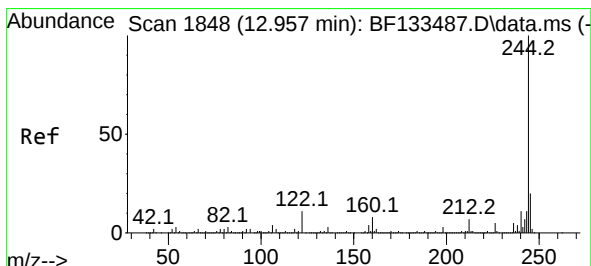
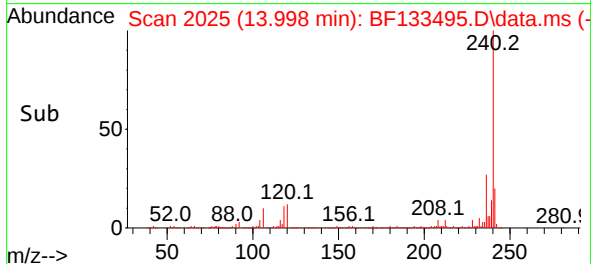
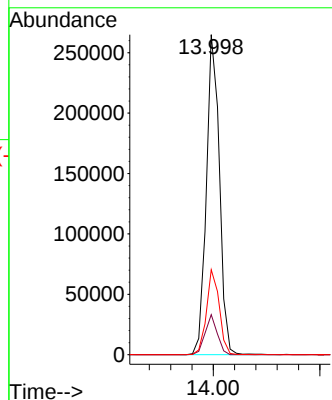
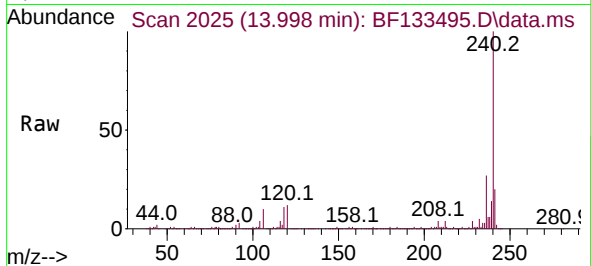




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF133495.D
Acq: 25 May 2023 19:03

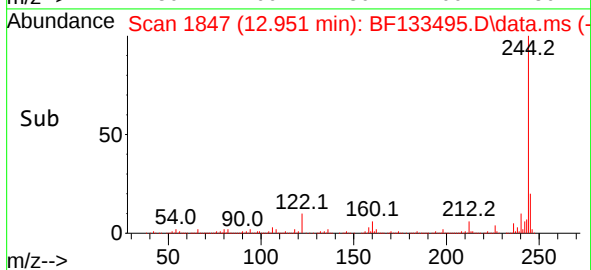
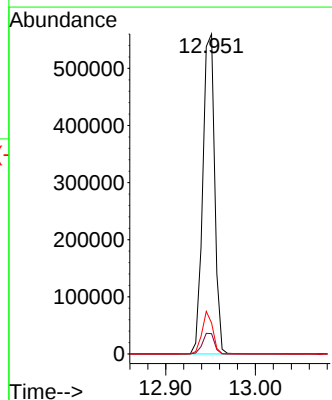
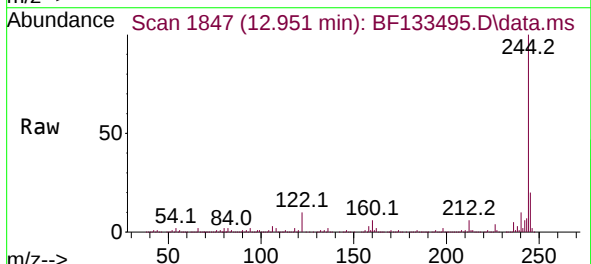
Instrument :
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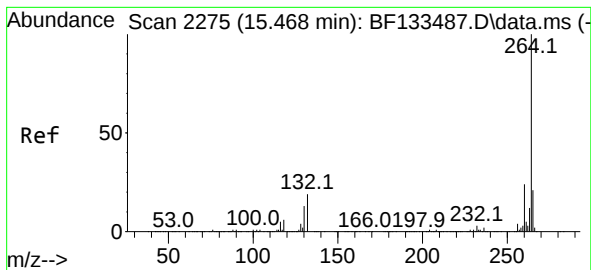
Tgt Ion:240 Resp: 226074
Ion Ratio Lower Upper
240 100
120 12.5 10.3 15.5
236 26.5 20.5 30.7



#79
Terphenyl-d14
Concen: 40.447 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF133495.D
Acq: 25 May 2023 19:03

Tgt Ion:244 Resp: 514291
Ion Ratio Lower Upper
244 100
212 6.4 5.8 8.6
122 9.7 8.5 12.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133495.D

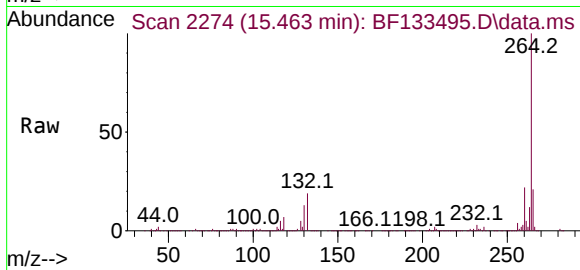
Acq: 25 May 2023 19:03

Instrument :

BNA_F

ClientSampleId :

SB10A



Tgt Ion:264 Resp: 274411

Ion Ratio Lower Upper

264 100

260 22.3 19.0 28.4

265 21.3 16.8 25.2

