

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
 Data File : BF133227.D
 Acq On : 04 May 2023 13:12
 Operator : CG\JU
 Sample : 02588-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ZONE-B-6-9-05012023

Quant Time: May 04 14:29:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 04 12:22:53 2023
 Response via : Initial Calibration

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

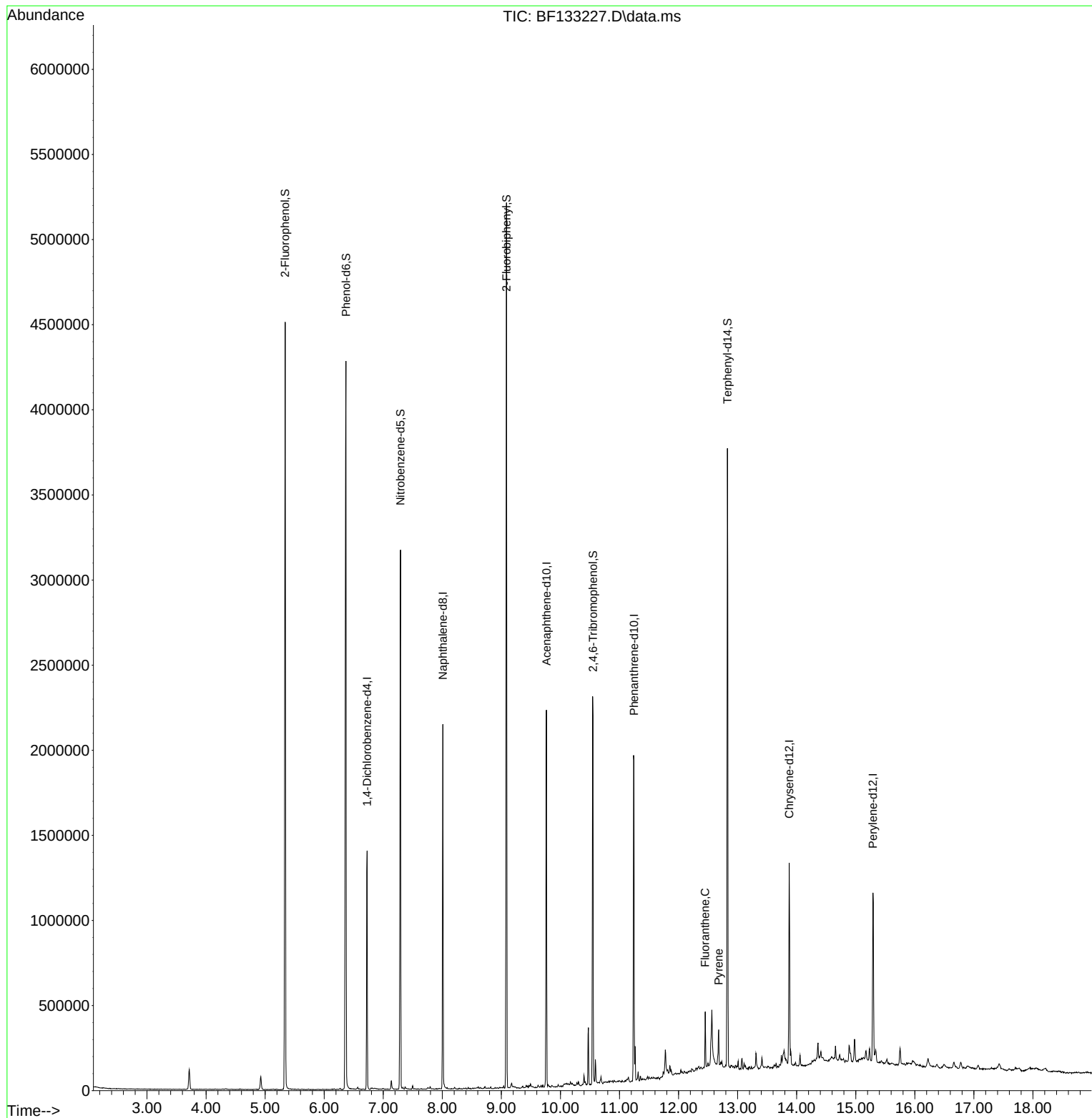
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	204357	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	802137	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	408616	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	712405	20.000	ng	# 0.00
76) Chrysene-d12	13.874	240	343668	20.000	ng	-0.01
86) Perylene-d12	15.292	264	431174	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1321118	97.657	ng	0.00
7) Phenol-d6	6.369	99	1596322	95.069	ng	0.00
23) Nitrobenzene-d5	7.292	82	953173	64.140	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	278383	67.743	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1445126	59.168	ng	0.00
79) Terphenyl-d14	12.827	244	1269370	63.702	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.451	202	107569	2.799	ng	99
78) Pyrene	12.680	202	86962	2.952	ng	99

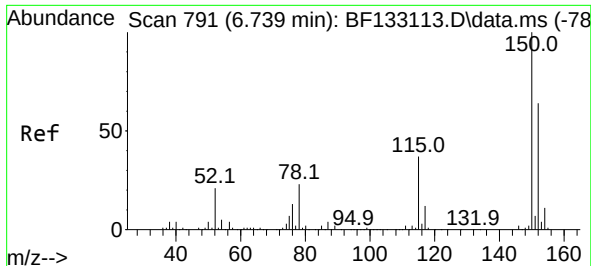
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
Data File : BF133227.D
Acq On : 04 May 2023 13:12
Operator : CG\JU
Sample : 02588-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ZONE-B-6-9-05012023

Quant Time: May 04 14:29:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 04 12:22:53 2023
Response via : Initial Calibration

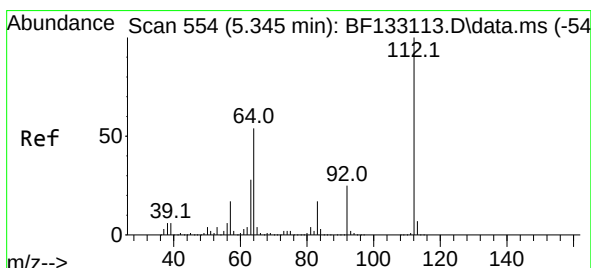
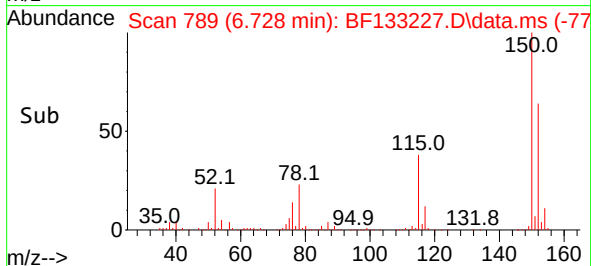
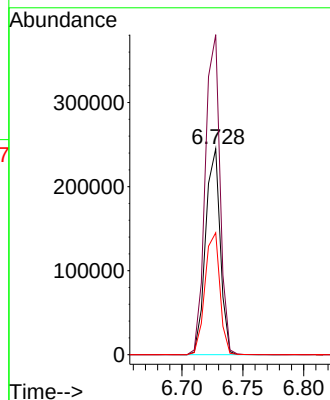
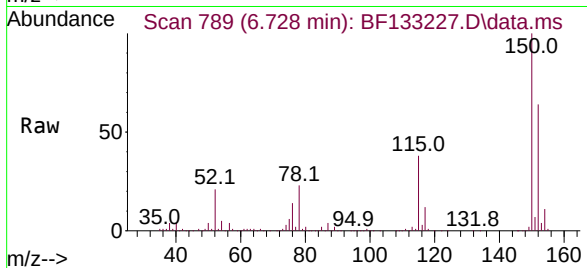




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: BF133227.D
 Acq: 04 May 2023 13:12

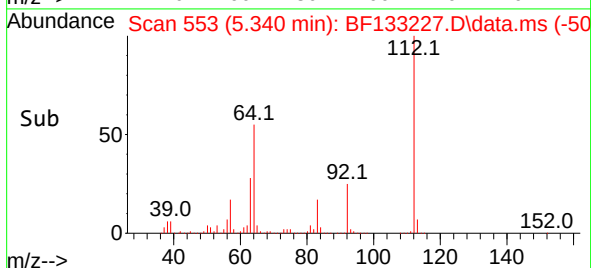
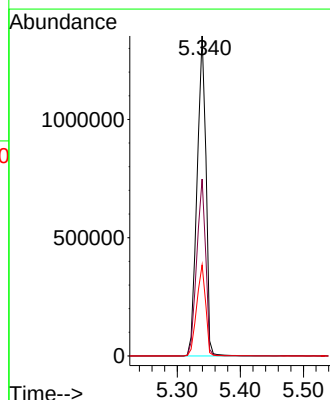
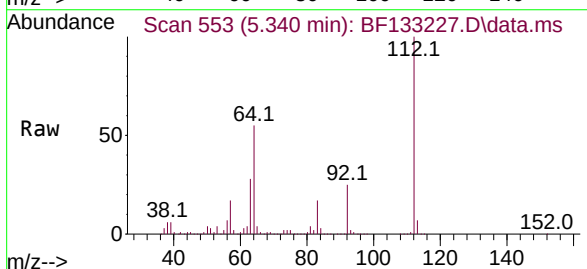
Instrument :
 BNA_F
 ClientSampleId :
 ZONE-B-6-9-05012023

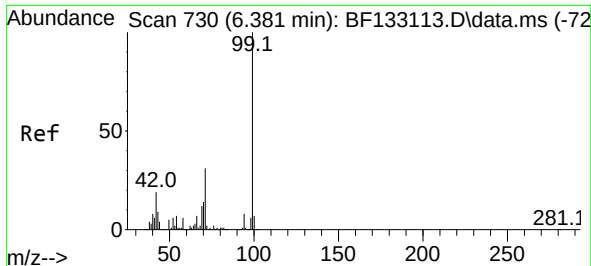
Tgt Ion:152 Resp: 204357
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.8 187.2
 115 59.2 49.9 74.9



#5
 2-Fluorophenol
 Concen: 97.657 ng
 RT: 5.340 min Scan# 553
 Delta R.T. 0.006 min
 Lab File: BF133227.D
 Acq: 04 May 2023 13:12

Tgt Ion:112 Resp: 1321118
 Ion Ratio Lower Upper
 112 100
 64 55.3 46.8 70.2
 63 28.5 23.8 35.8

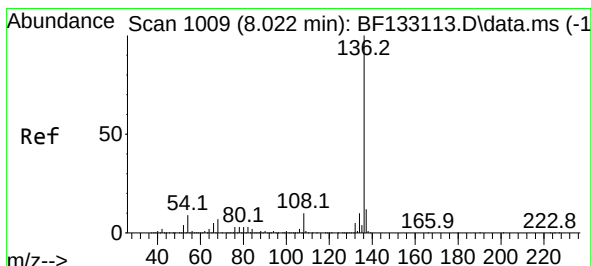
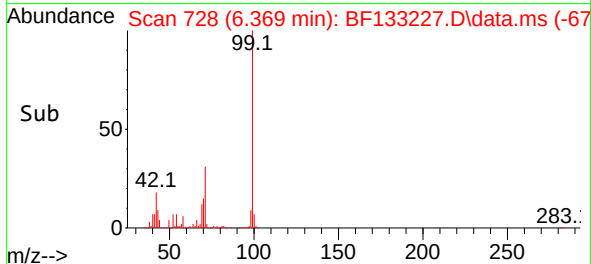
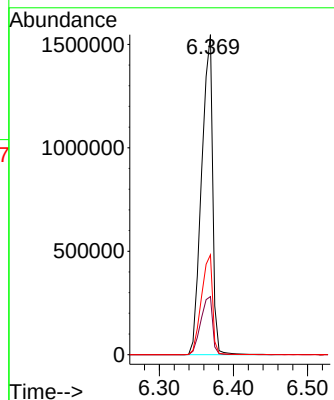
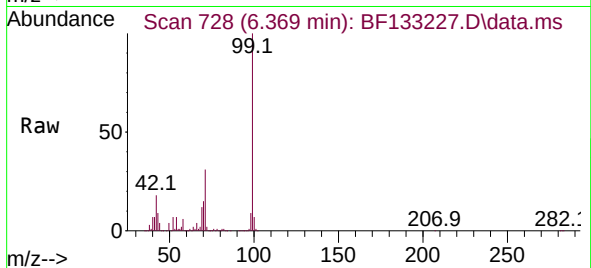




#7
Phenol-d6
Concen: 95.069 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133227.D
Acq: 04 May 2023 13:12

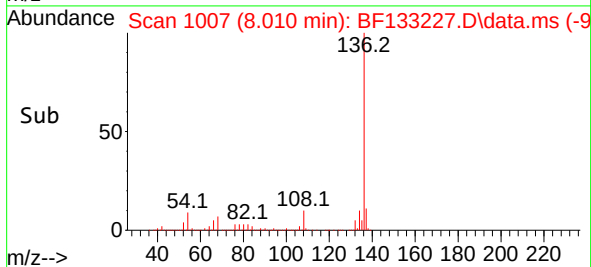
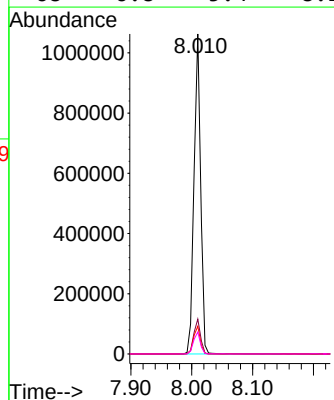
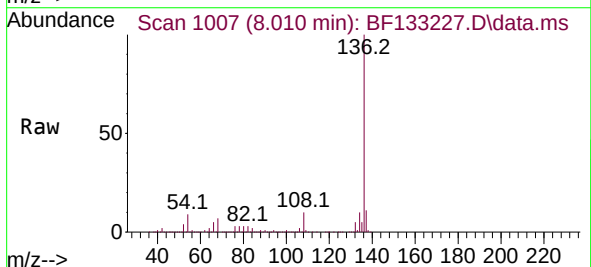
Instrument :
BNA_F
ClientSampleId :
ZONE-B-6-9-05012023

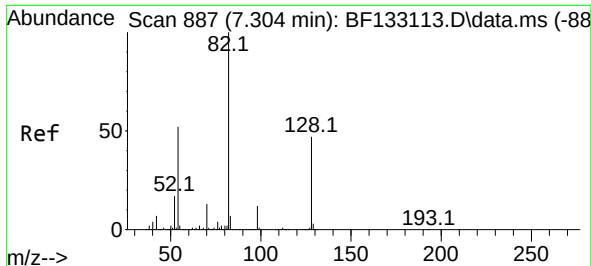
Tgt Ion: 99 Resp: 1596322
Ion Ratio Lower Upper
99 100
42 18.2 16.3 24.5
71 31.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF133227.D
Acq: 04 May 2023 13:12

Tgt Ion: 136 Resp: 802137
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.6 7.0 10.4
68 6.8 5.4 8.2





#23

Nitrobenzene-d5

Concen: 64.140 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133227.D

Acq: 04 May 2023 13:12

Instrument :

BNA_F

ClientSampleId :

ZONE-B-6-9-05012023

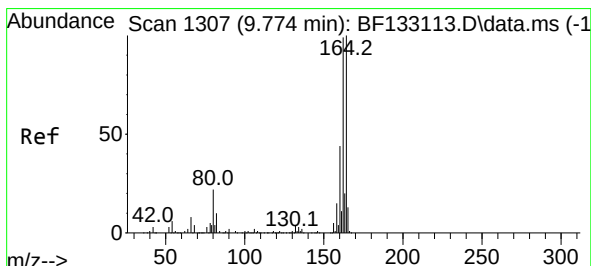
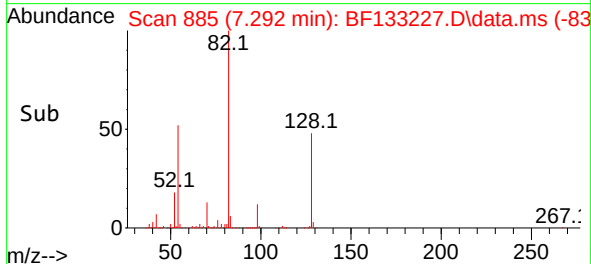
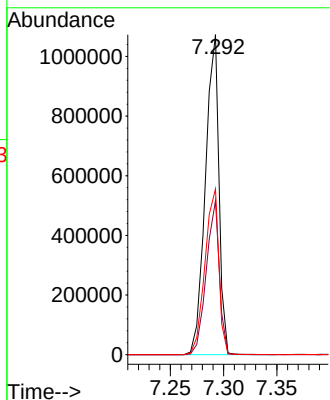
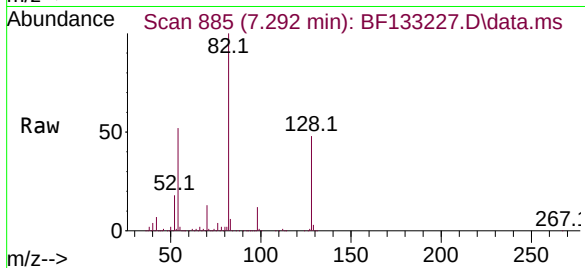
Tgt Ion: 82 Resp: 953173

Ion Ratio Lower Upper

82 100

128 48.1 37.7 56.5

54 51.8 43.0 64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF133227.D

Acq: 04 May 2023 13:12

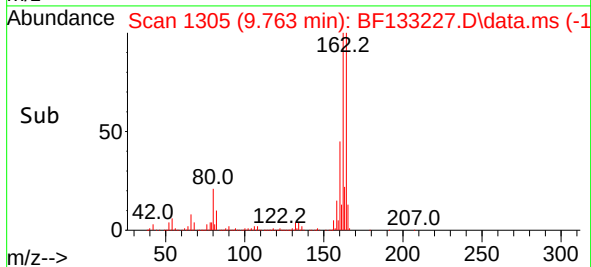
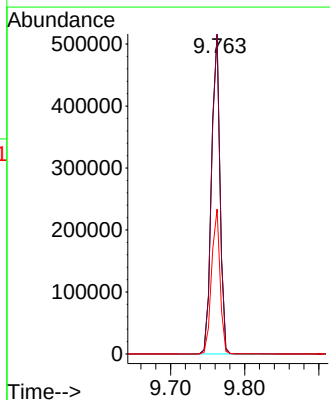
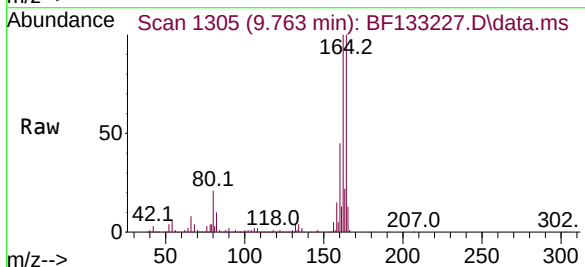
Tgt Ion:164 Resp: 408616

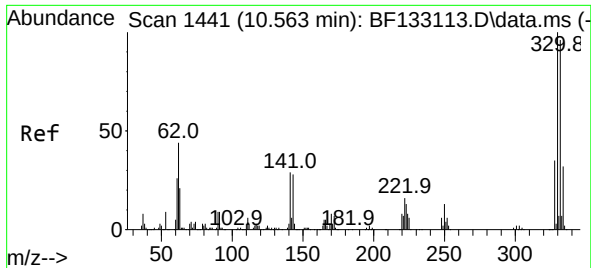
Ion Ratio Lower Upper

164 100

162 100.4 78.7 118.1

160 45.4 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 67.743 ng

RT: 10.551 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF133227.D

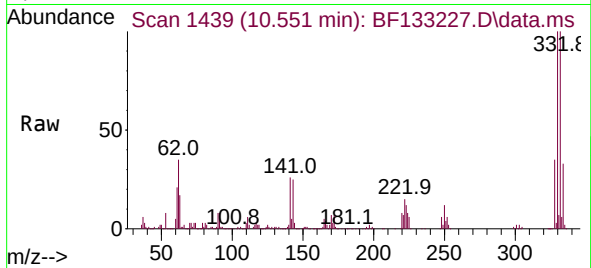
Acq: 04 May 2023 13:12

Instrument :

BNA_F

ClientSampleId :

ZONE-B-6-9-05012023



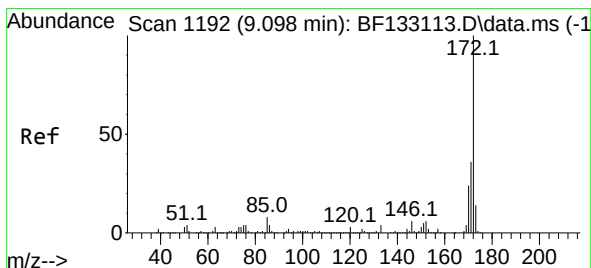
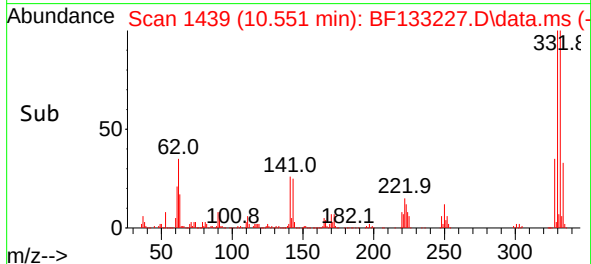
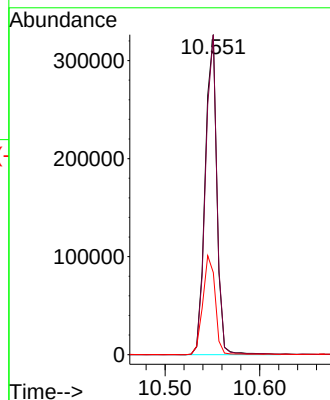
Tgt Ion:330 Resp: 278383

Ion Ratio Lower Upper

330 100

332 98.6 77.1 115.7

141 33.1 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 59.168 ng

RT: 9.086 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF133227.D

Acq: 04 May 2023 13:12

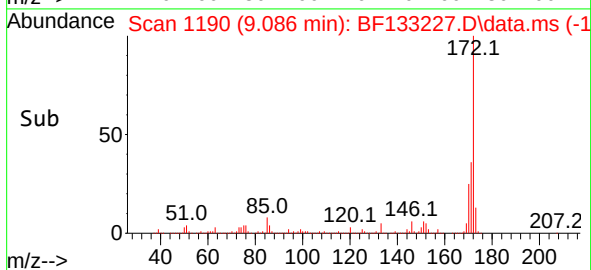
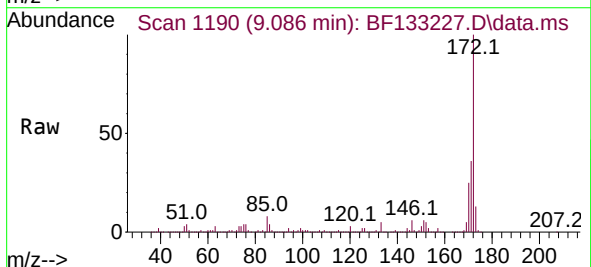
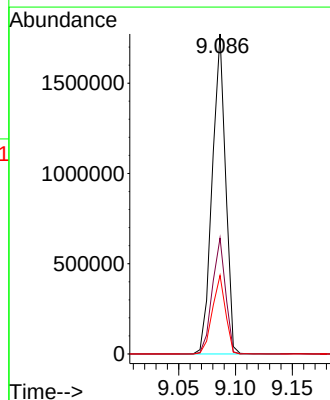
Tgt Ion:172 Resp: 1445126

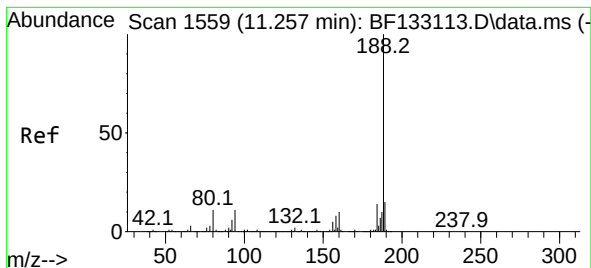
Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 24.6 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.245 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133227.D

Acq: 04 May 2023 13:12

Instrument :

BNA_F

ClientSampleId :

ZONE-B-6-9-05012023

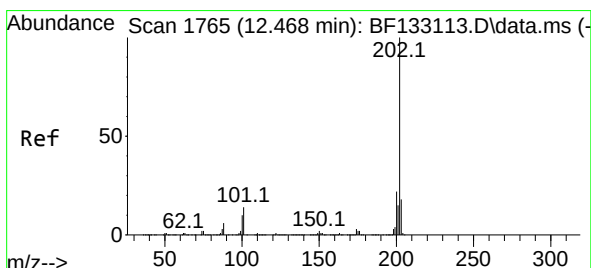
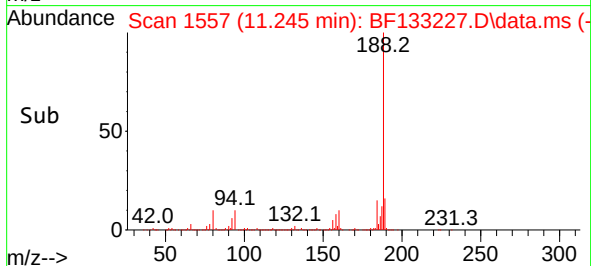
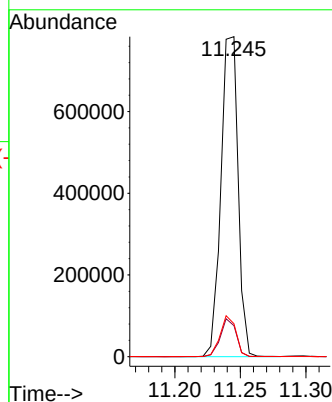
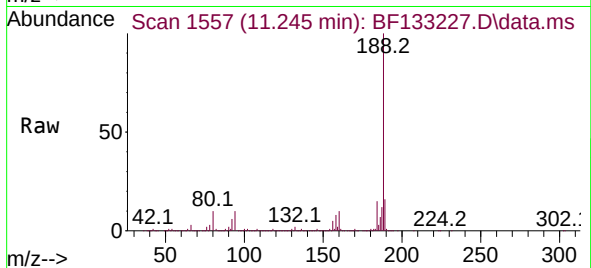
Tgt Ion:188 Resp: 712405

Ion Ratio Lower Upper

188 100

94 9.7 9.7 14.5

80 10.3 10.4 15.6#



#75

Fluoranthene

Concen: 2.799 ng

RT: 12.451 min Scan# 1762

Delta R.T. -0.006 min

Lab File: BF133227.D

Acq: 04 May 2023 13:12

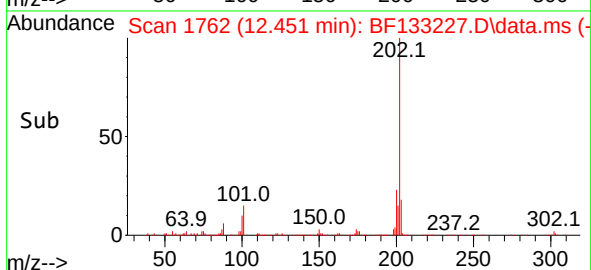
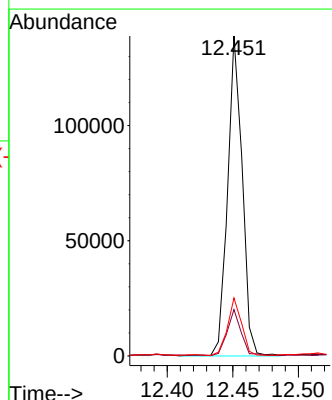
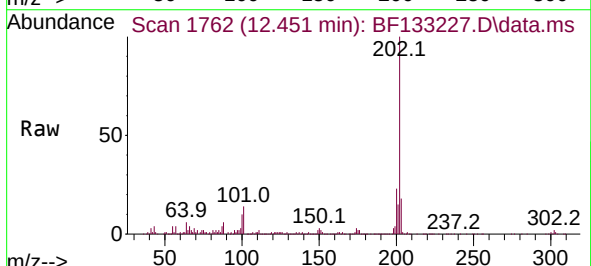
Tgt Ion:202 Resp: 107569

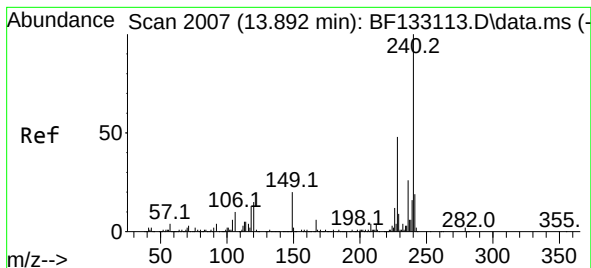
Ion Ratio Lower Upper

202 100

101 14.5 0.0 35.3

203 18.1 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 2004

Delta R.T. -0.012 min

Lab File: BF133227.D

Acq: 04 May 2023 13:12

Instrument :

BNA_F

ClientSampleId :

ZONE-B-6-9-05012023

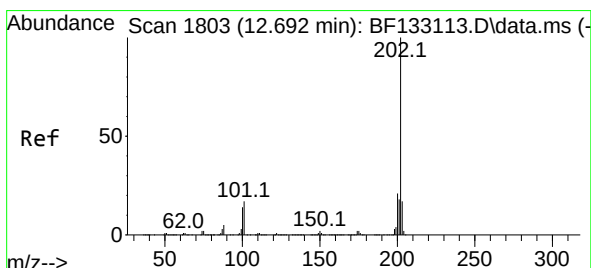
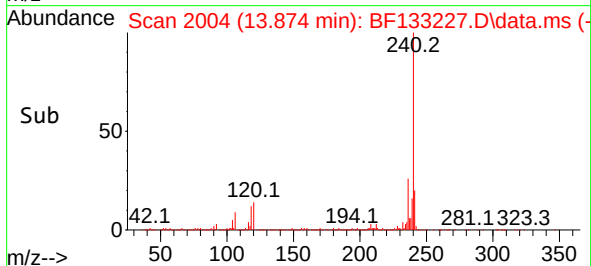
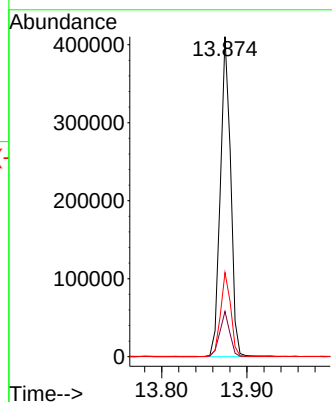
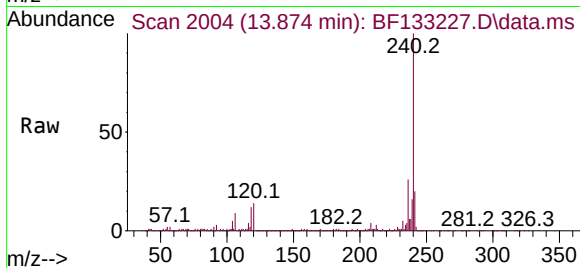
Tgt Ion:240 Resp: 343668

Ion Ratio Lower Upper

240 100

120 14.1 10.5 15.7

236 26.3 21.5 32.3



#78

Pyrene

Concen: 2.952 ng

RT: 12.680 min Scan# 1801

Delta R.T. -0.006 min

Lab File: BF133227.D

Acq: 04 May 2023 13:12

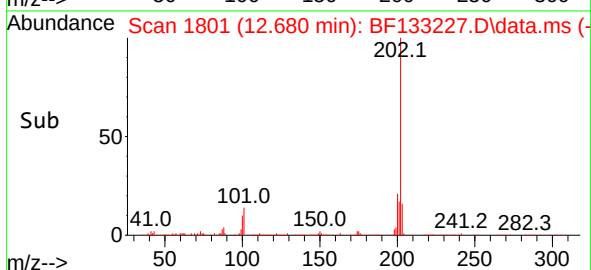
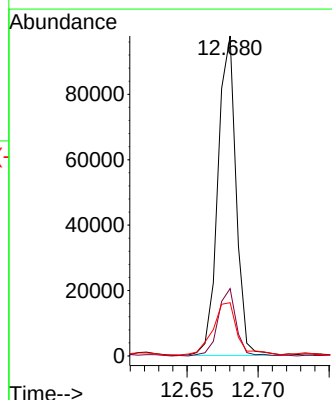
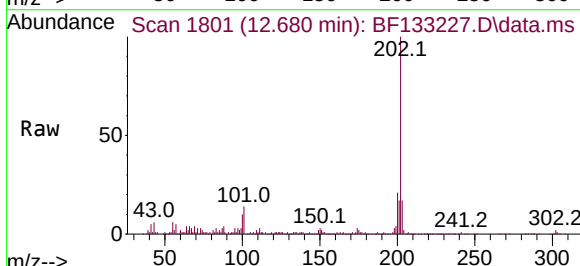
Tgt Ion:202 Resp: 86962

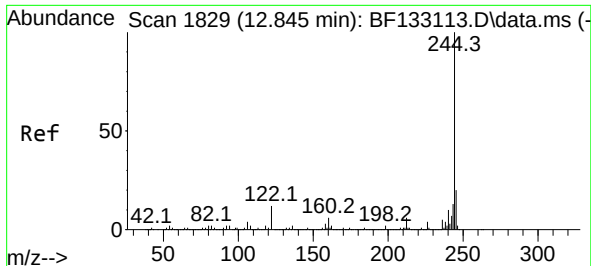
Ion Ratio Lower Upper

202 100

200 21.1 17.1 25.7

203 16.6 14.1 21.1

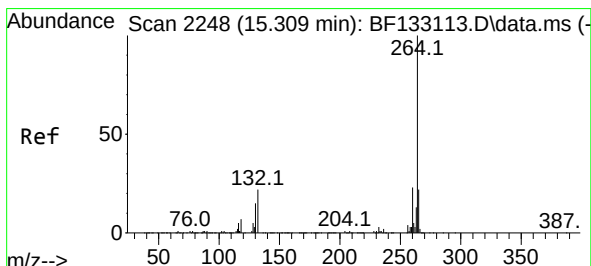
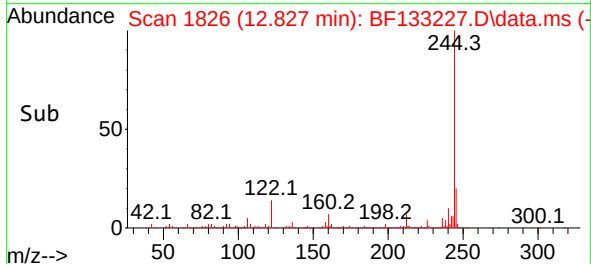
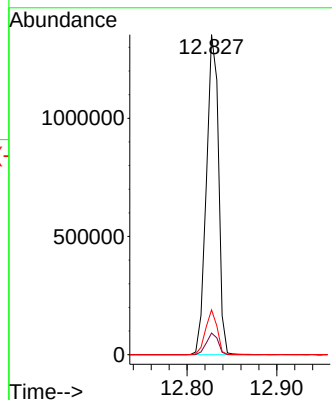
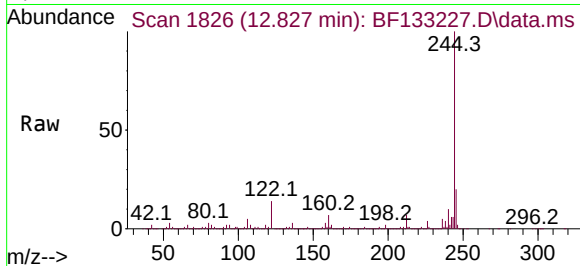




#79
 Terphenyl-d14
 Concen: 63.702 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF133227.D
 Acq: 04 May 2023 13:12

Instrument :
 BNA_F
 ClientSampleId :
 ZONE-B-6-9-05012023

Tgt Ion:244 Resp: 1269370
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 14.0 8.6 13.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 2245
 Delta R.T. -0.006 min
 Lab File: BF133227.D
 Acq: 04 May 2023 13:12

Tgt Ion:264 Resp: 431174
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.8 28.2
 265 21.9 17.0 25.4

