

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051823\
 Data File : BF133432.D
 Acq On : 18 May 2023 10:22
 Operator : CG\JU
 Sample : PB152844BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152844BL

Quant Time: May 18 18:17:51 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 18 18:12:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	239440	20.000	ng	0.00
21) Naphthalene-d8	7.998	136	790037	20.000	ng	0.00
39) Acenaphthene-d10	9.751	164	409104	20.000	ng	0.00
64) Phenanthrene-d10	11.233	188	760295	20.000	ng	0.00
76) Chrysene-d12	13.874	240	586108	20.000	ng	0.00
86) Perylene-d12	15.298	264	464478	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	2087685	131.711	ng	0.01
7) Phenol-d6	6.369	99	2518436	128.009	ng	0.00
23) Nitrobenzene-d5	7.287	82	1580431	107.978	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	575695	139.925	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	2262102	92.507	ng	0.00
79) Terphenyl-d14	12.827	244	2713525	79.848	ng	0.00

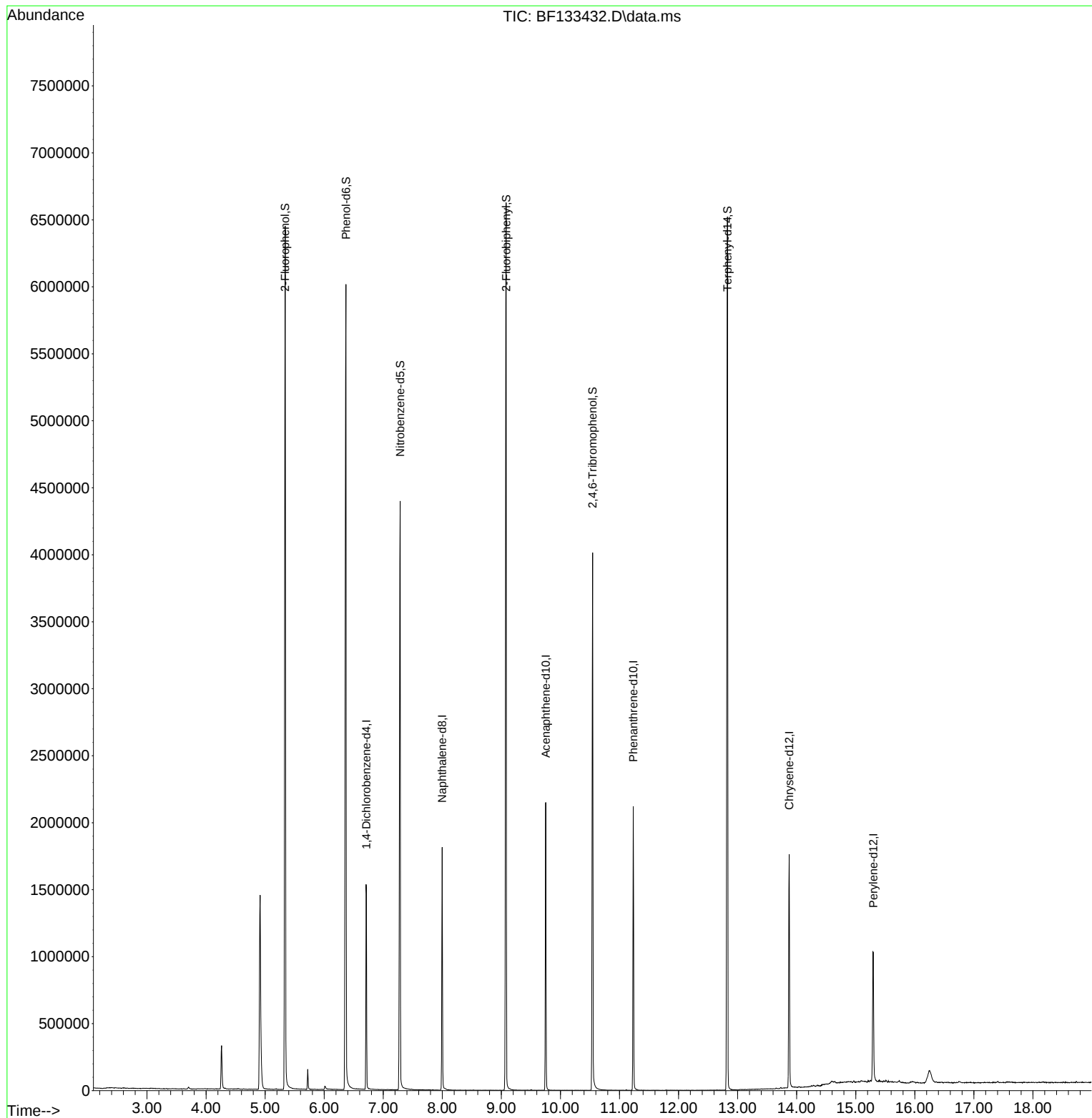
Target Compounds	Qvalue

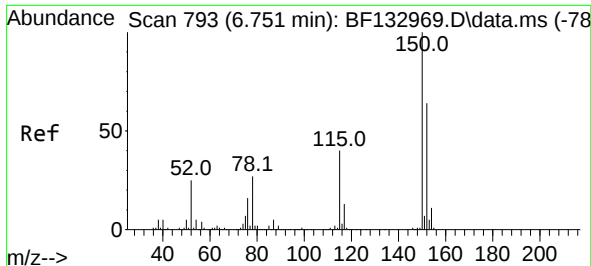
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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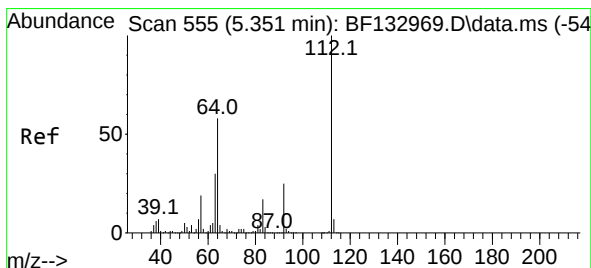
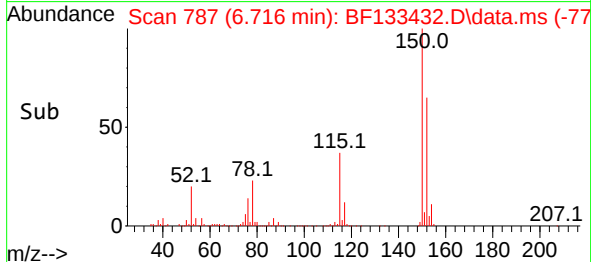
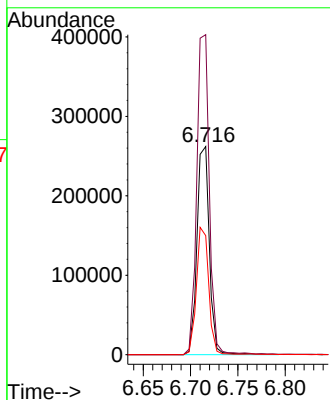
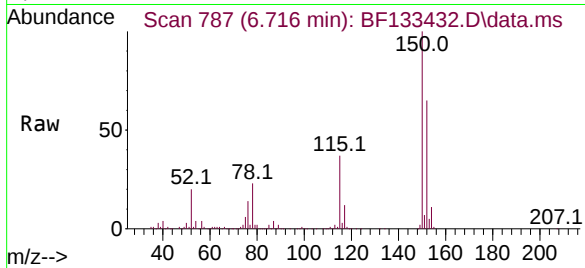




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.716 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133432.D
Acq: 18 May 2023 10:22

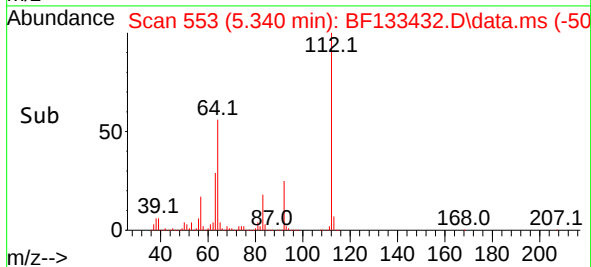
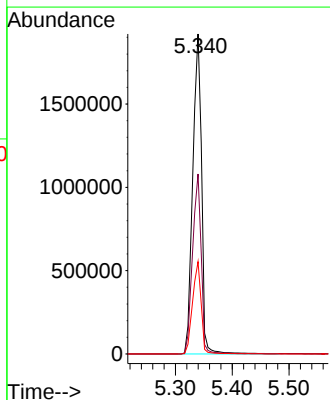
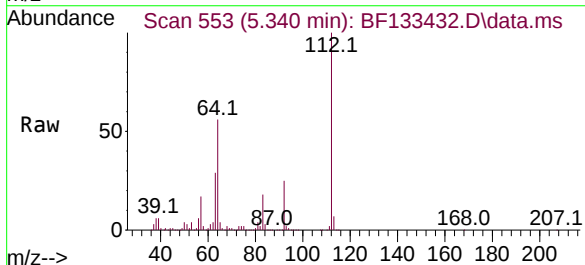
Instrument :
BNA_F
ClientSampleId :
PB152844BL

Tgt Ion:152 Resp: 239440
Ion Ratio Lower Upper
152 100
150 153.7 124.8 187.2
115 57.2 49.9 74.9



#5
2-Fluorophenol
Concen: 131.711 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.012 min
Lab File: BF133432.D
Acq: 18 May 2023 10:22

Tgt Ion:112 Resp: 2087685
Ion Ratio Lower Upper
112 100
64 56.3 46.8 70.2
63 28.8 23.8 35.8

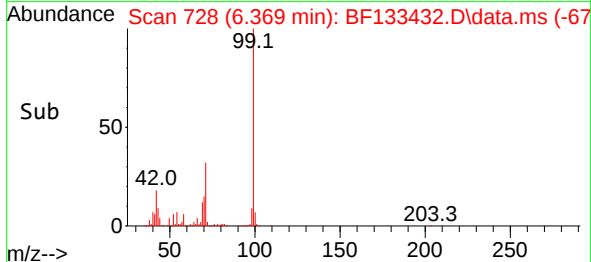
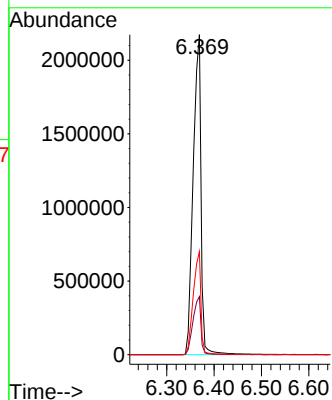
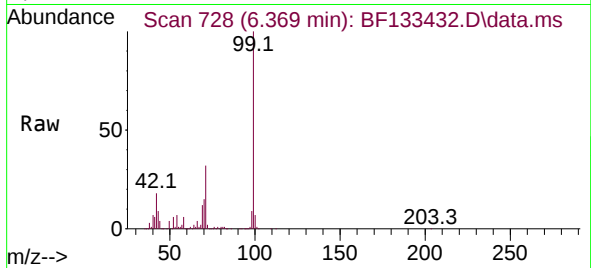




#7
Phenol-d6
Concen: 128.009 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133432.D
Acq: 18 May 2023 10:22

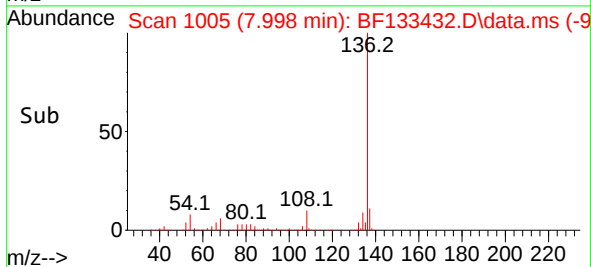
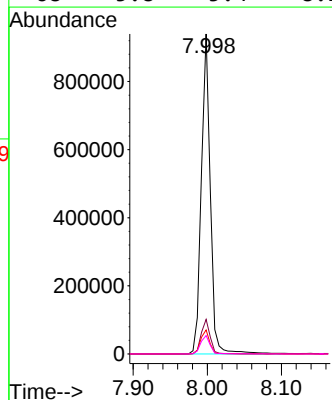
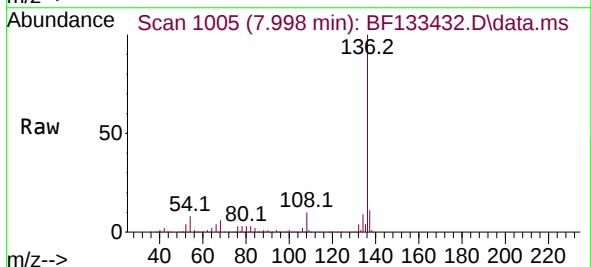
Instrument :
BNA_F
ClientSampleId :
PB152844BL

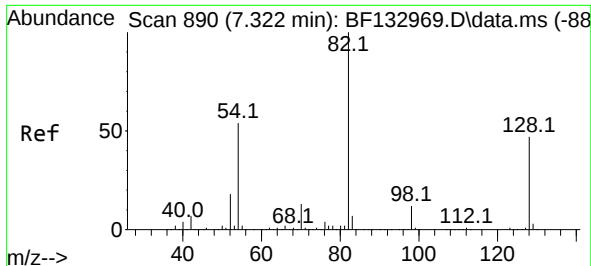
Tgt Ion: 99 Resp: 2518436
Ion Ratio Lower Upper
99 100
42 18.1 16.3 24.5
71 32.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF133432.D
Acq: 18 May 2023 10:22

Tgt Ion: 136 Resp: 790037
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.5 7.0 10.4
68 5.8 5.4 8.2





#23

Nitrobenzene-d5

Concen: 107.978 ng

RT: 7.287 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF133432.D

Acq: 18 May 2023 10:22

Instrument :

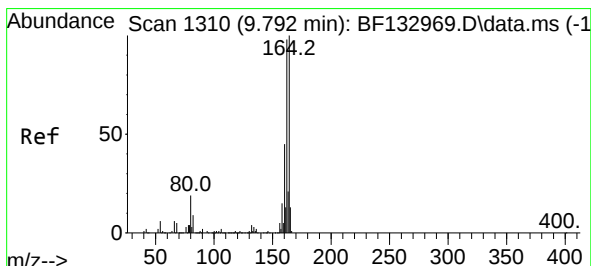
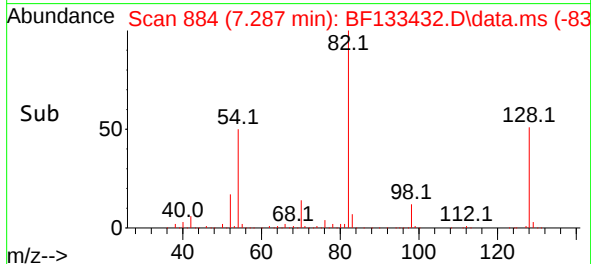
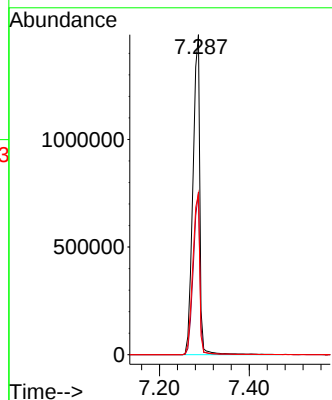
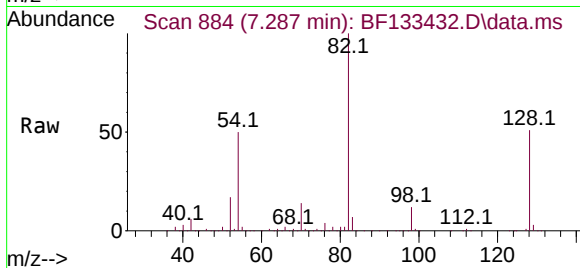
BNA_F

ClientSampleId :

PB152844BL

Tgt Ion: 82 Resp: 1580431

Ion	Ratio	Lower	Upper
82	100		
128	50.8	37.7	56.5
54	50.3	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.751 min Scan# 1303

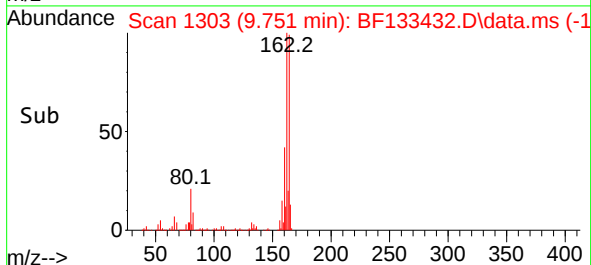
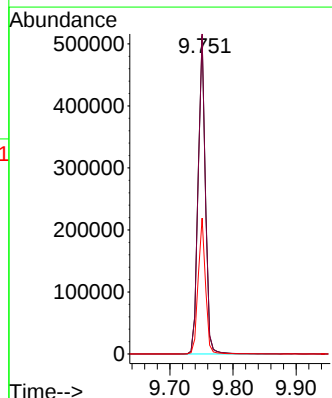
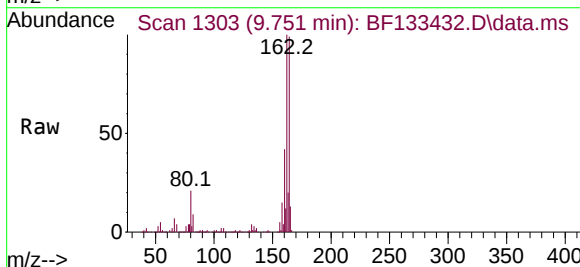
Delta R.T. -0.006 min

Lab File: BF133432.D

Acq: 18 May 2023 10:22

Tgt Ion: 164 Resp: 409104

Ion	Ratio	Lower	Upper
164	100		
162	100.5	78.7	118.1
160	42.7	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 139.925 ng

RT: 10.545 min Scan# 1444

Delta R.T. 0.000 min

Lab File: BF133432.D

Acq: 18 May 2023 10:22

Instrument :

BNA_F

ClientSampleId :

PB152844BL

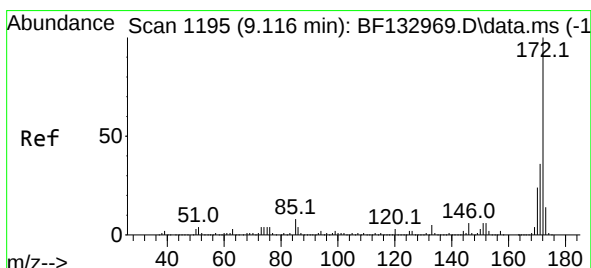
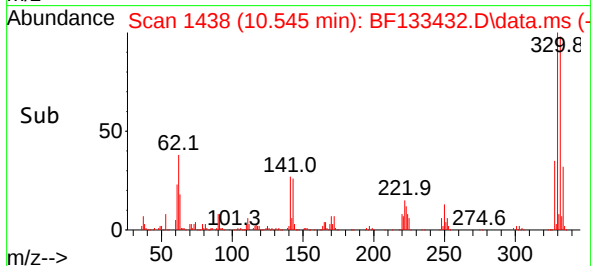
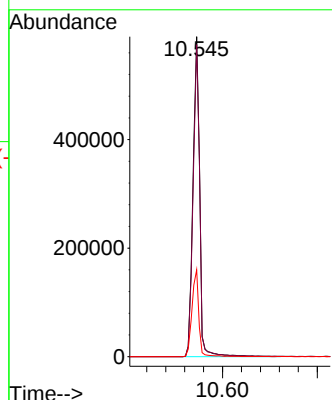
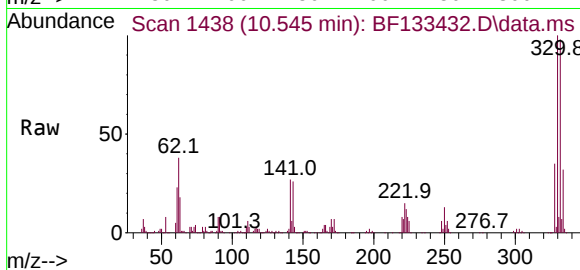
Tgt Ion:330 Resp: 575695

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

141 27.8 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 92.507 ng

RT: 9.081 min Scan# 1189

Delta R.T. 0.000 min

Lab File: BF133432.D

Acq: 18 May 2023 10:22

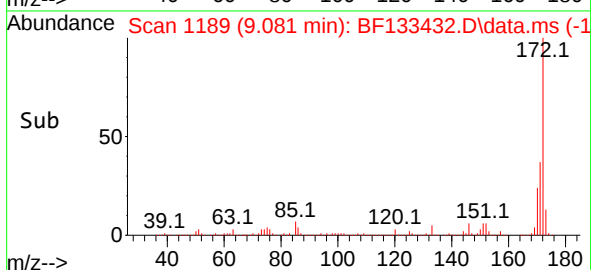
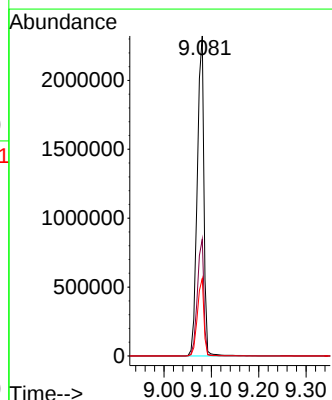
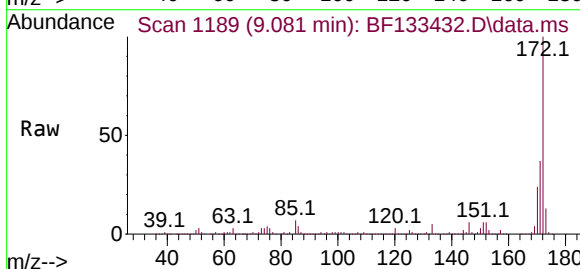
Tgt Ion:172 Resp: 2262102

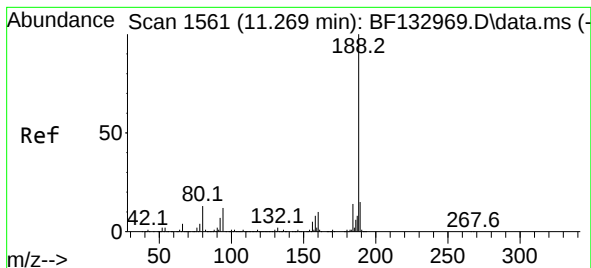
Ion Ratio Lower Upper

172 100

171 36.5 28.8 43.2

170 24.2 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.233 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133432.D

Acq: 18 May 2023 10:22

Instrument :

BNA_F

ClientSampleId :

PB152844BL

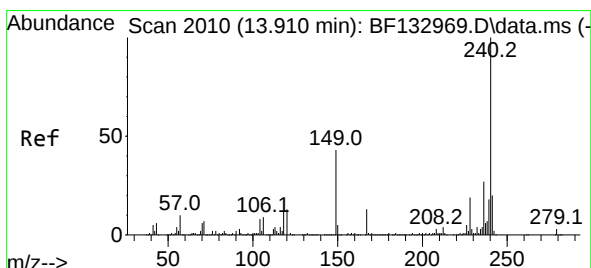
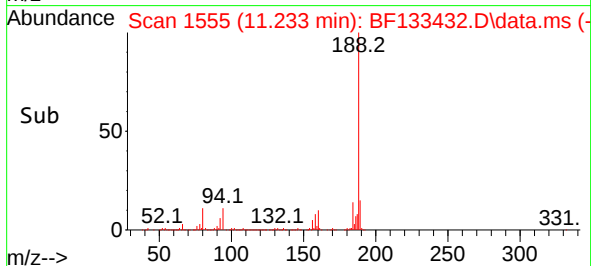
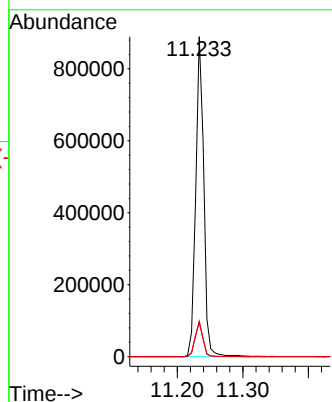
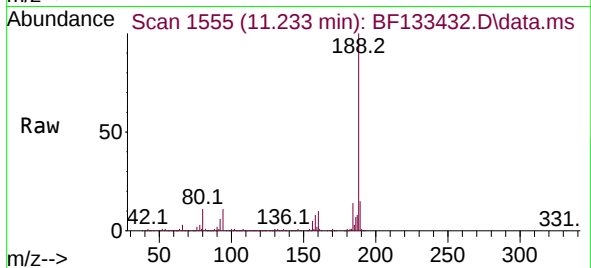
Tgt Ion:188 Resp: 760295

Ion Ratio Lower Upper

188 100

94 10.7 9.7 14.5

80 11.1 10.4 15.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 2004

Delta R.T. -0.006 min

Lab File: BF133432.D

Acq: 18 May 2023 10:22

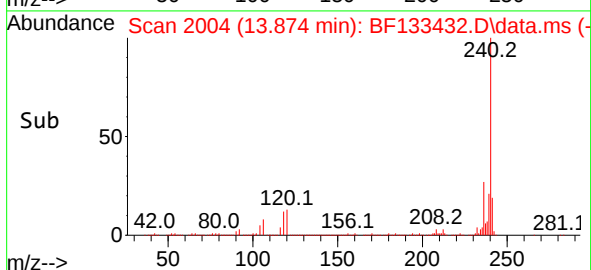
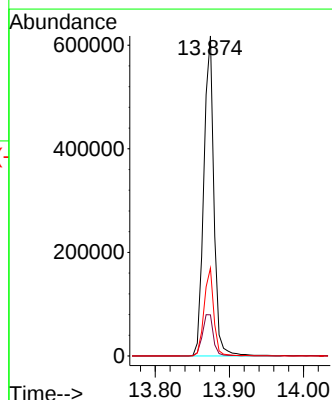
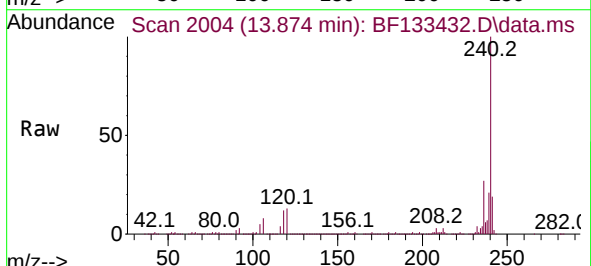
Tgt Ion:240 Resp: 586108

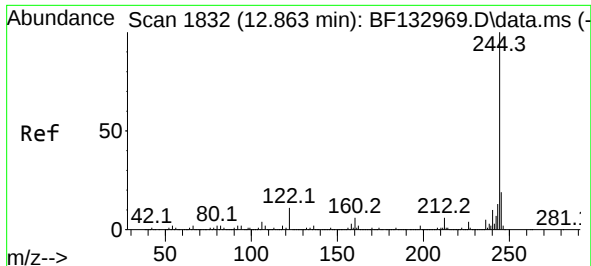
Ion Ratio Lower Upper

240 100

120 12.9 10.5 15.7

236 27.4 21.5 32.3

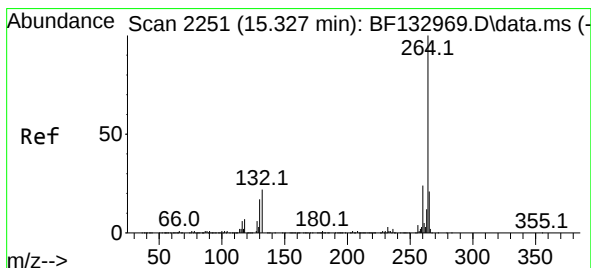
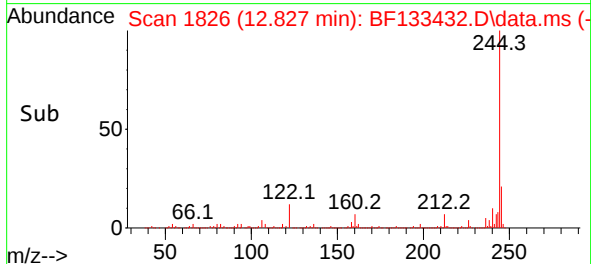
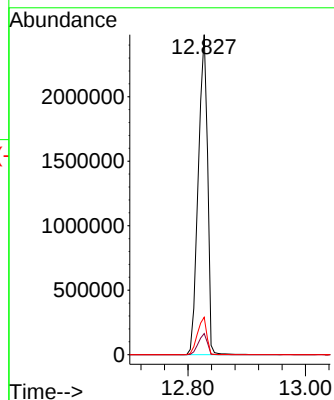
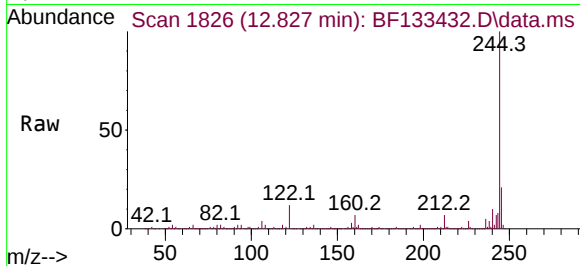




#79
 Terphenyl-d14
 Concen: 79.848 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. 0.000 min
 Lab File: BF133432.D
 Acq: 18 May 2023 10:22

Instrument :
 BNA_F
 ClientSampleId :
 PB152844BL

Tgt Ion:244 Resp: 2713525
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 11.7 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 2246
 Delta R.T. 0.000 min
 Lab File: BF133432.D
 Acq: 18 May 2023 10:22

Tgt Ion:264 Resp: 464478
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 21.8 17.0 25.4

