

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053123\
 Data File : BF133540.D
 Acq On : 31 May 2023 15:41
 Operator : CG\JU
 Sample : 02971-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB15

Quant Time: May 31 16:20:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 30 12:58:40 2023
 Response via : Initial Calibration

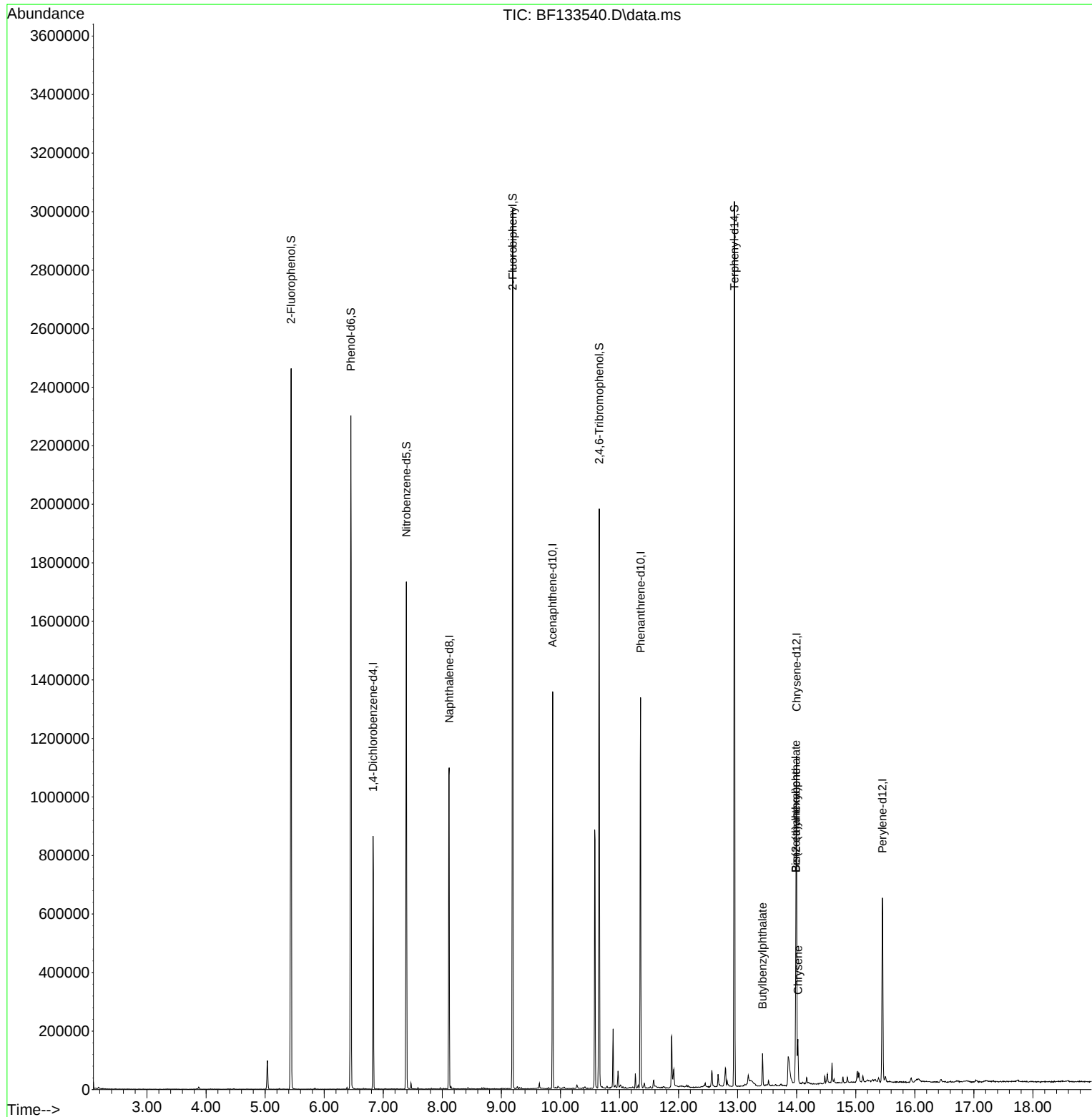
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	120801	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	471039	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	234569	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	467023	20.000	ng	0.00
76) Chrysene-d12	13.998	240	345766	20.000	ng	0.00
86) Perylene-d12	15.451	264	281762	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	628404	86.793	ng	0.00
7) Phenol-d6	6.451	99	769068	86.288	ng	-0.01
23) Nitrobenzene-d5	7.392	82	471420	66.823	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	222893	95.326	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	857544	56.425	ng	0.00
79) Terphenyl-d14	12.945	244	1006203	51.741	ng	0.00
Target Compounds						
80) Butylbenzylphthalate	13.421	149	26072	2.240	ng	99
81) Benzo(a)anthracene	13.986	228	57923	2.515	ng	99
83) Chrysene	14.021	228	54194	2.331	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	45467	3.125	ng	98

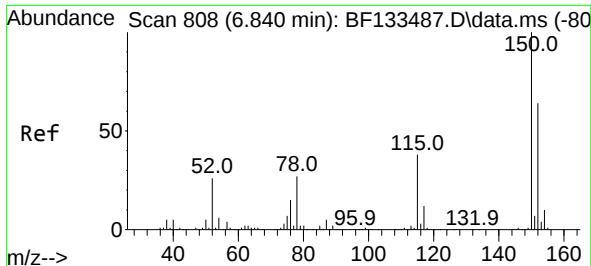
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053123\
Data File : BF133540.D
Acq On : 31 May 2023 15:41
Operator : CG\JU
Sample : 02971-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB15

Quant Time: May 31 16:20:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 30 12:58:40 2023
Response via : Initial Calibration

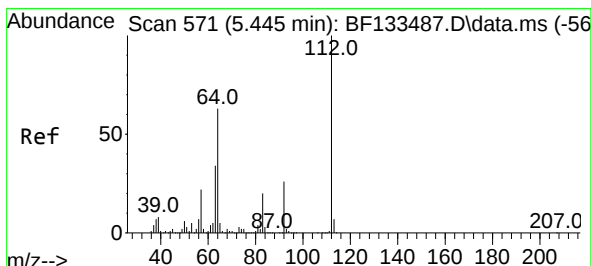
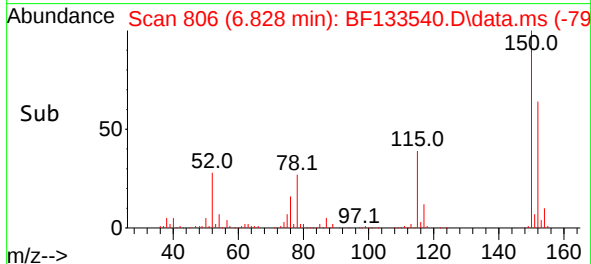
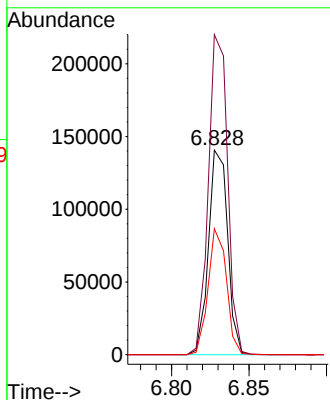
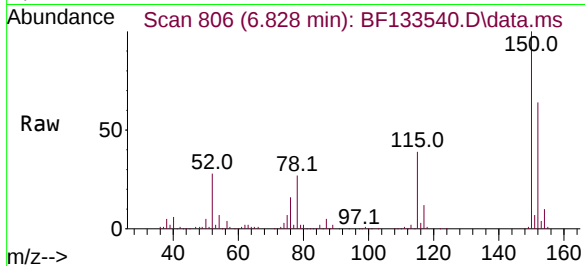




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133540.D
Acq: 31 May 2023 15:41

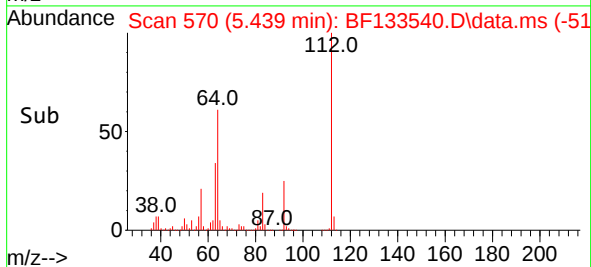
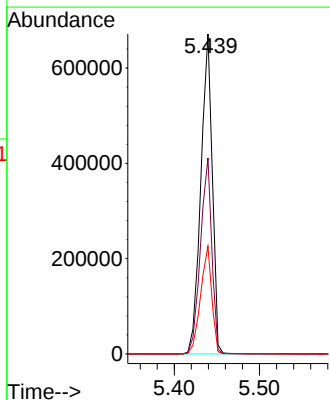
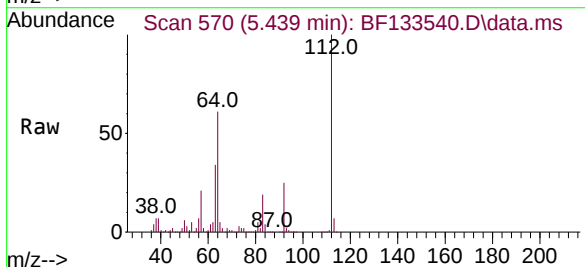
Instrument :
BNA_F
ClientSampleId :
SB15

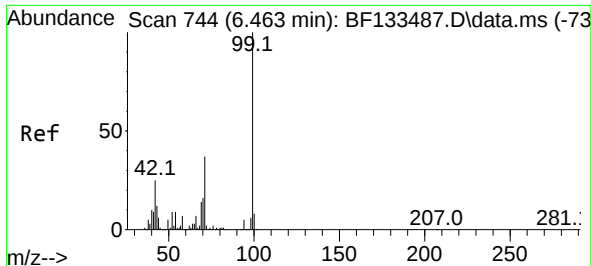
Tgt Ion:152 Resp: 120801
Ion Ratio Lower Upper
152 100
150 156.4 124.9 187.3
115 61.5 48.1 72.1



#5
2-Fluorophenol
Concen: 86.793 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.000 min
Lab File: BF133540.D
Acq: 31 May 2023 15:41

Tgt Ion:112 Resp: 628404
Ion Ratio Lower Upper
112 100
64 61.3 50.1 75.1
63 33.6 27.5 41.3

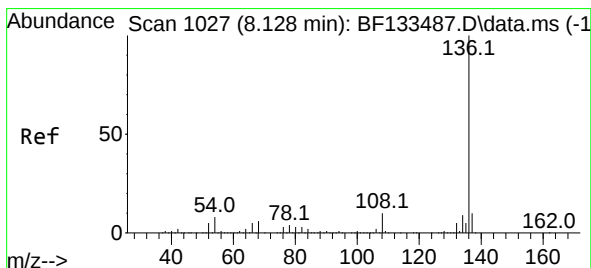
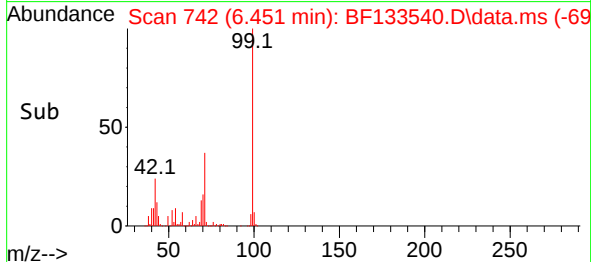
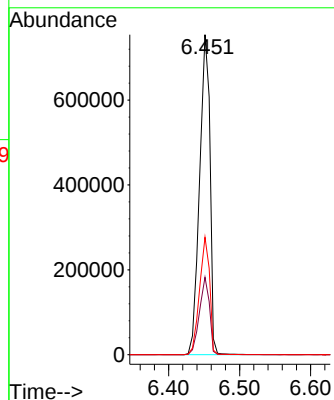
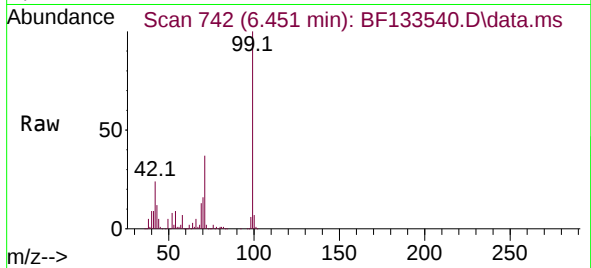




#7
Phenol-d6
Concen: 86.288 ng
RT: 6.451 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF133540.D
Acq: 31 May 2023 15:41

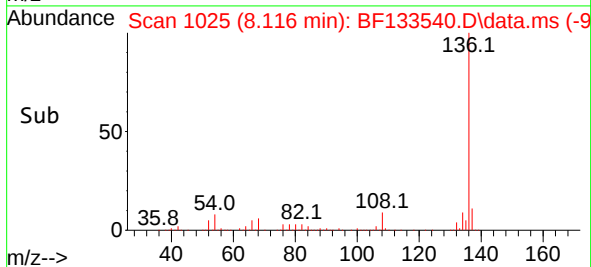
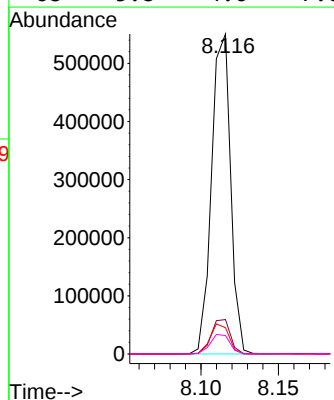
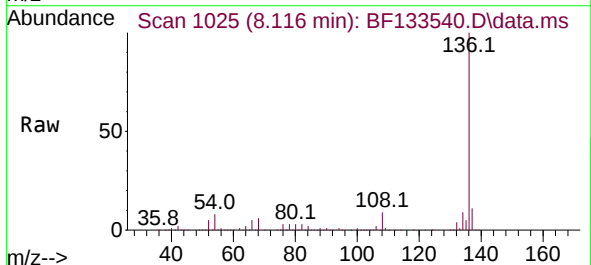
Instrument :
BNA_F
ClientSampleId :
SB15

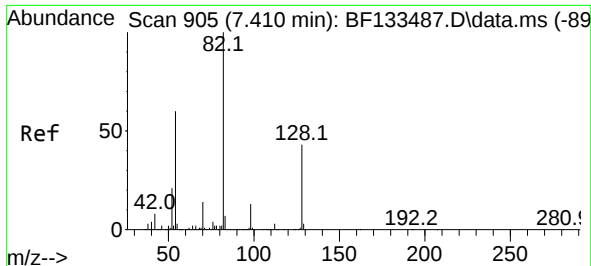
Tgt Ion: 99 Resp: 769068
Ion Ratio Lower Upper
99 100
42 24.2 19.7 29.5
71 36.7 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF133540.D
Acq: 31 May 2023 15:41

Tgt Ion: 136 Resp: 471039
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.4
54 8.2 6.6 10.0
68 5.8 4.6 7.0





#23

Nitrobenzene-d5

Concen: 66.823 ng

RT: 7.392 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133540.D

Acq: 31 May 2023 15:41

Instrument :

BNA_F

ClientSampleId :

SB15

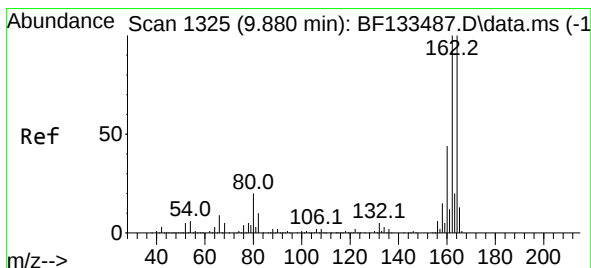
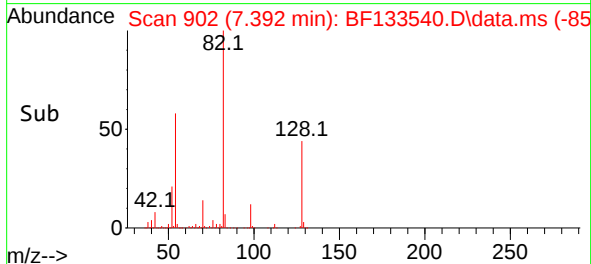
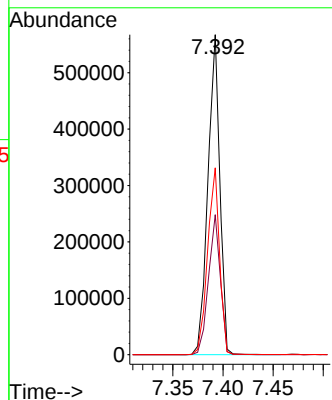
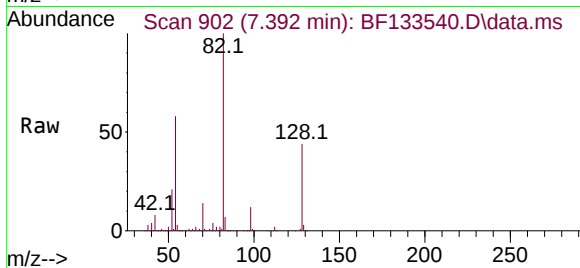
Tgt Ion: 82 Resp: 471420

Ion Ratio Lower Upper

82 100

128 43.8 34.2 51.4

54 58.4 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF133540.D

Acq: 31 May 2023 15:41

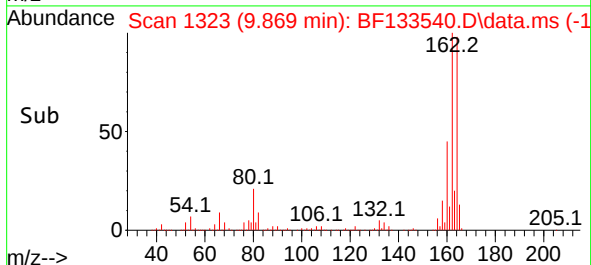
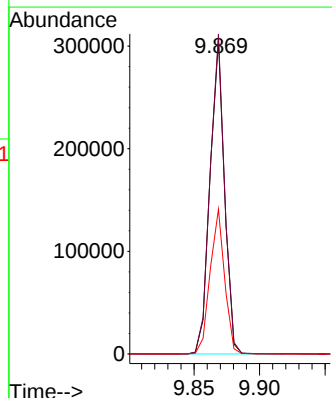
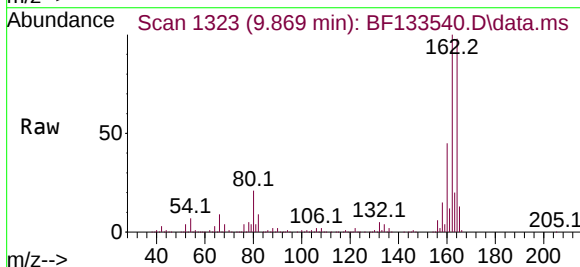
Tgt Ion:164 Resp: 234569

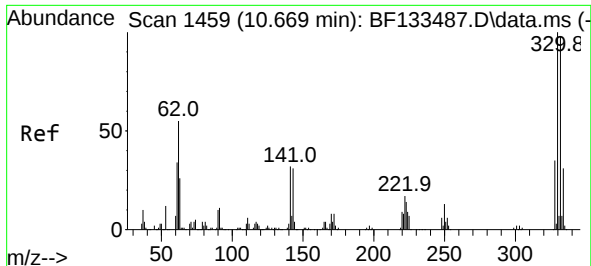
Ion Ratio Lower Upper

164 100

162 102.0 79.7 119.5

160 46.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 95.326 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF133540.D

Acq: 31 May 2023 15:41

Instrument :

BNA_F

ClientSampleId :

SB15

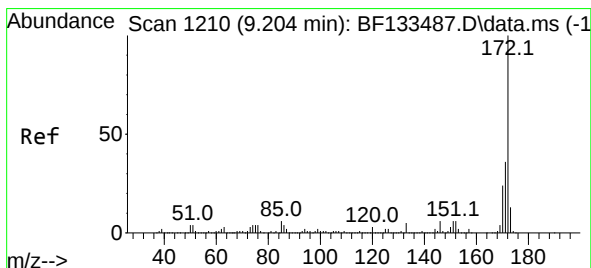
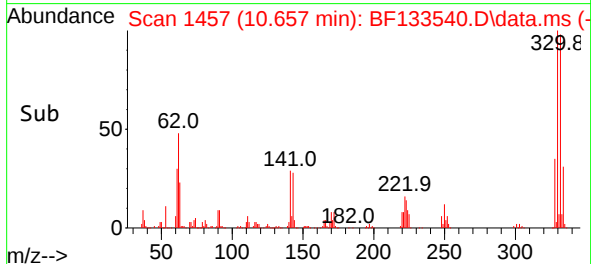
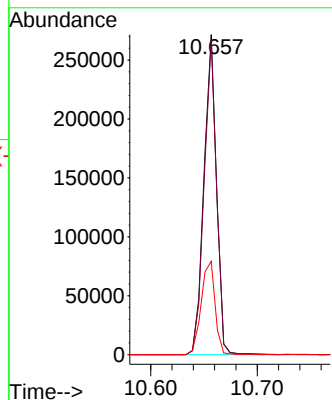
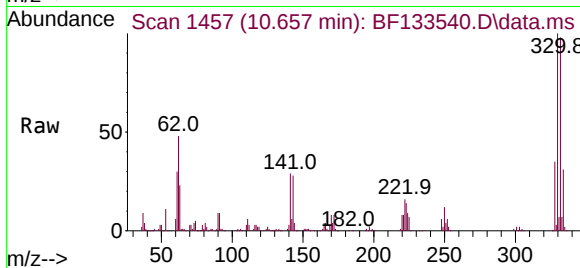
Tgt Ion:330 Resp: 222893

Ion Ratio Lower Upper

330 100

332 97.5 77.8 116.6

141 32.3 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 56.425 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133540.D

Acq: 31 May 2023 15:41

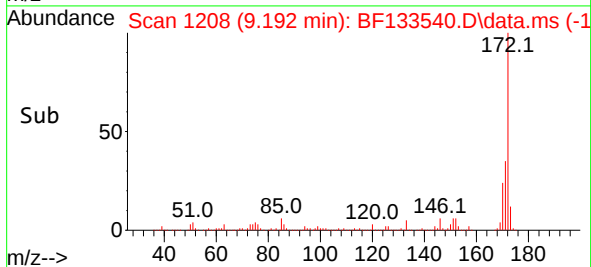
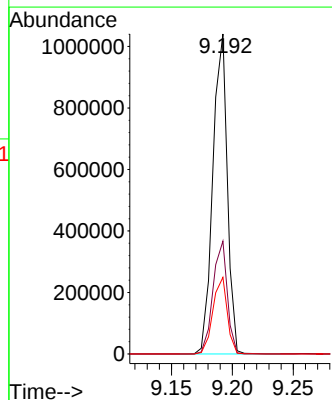
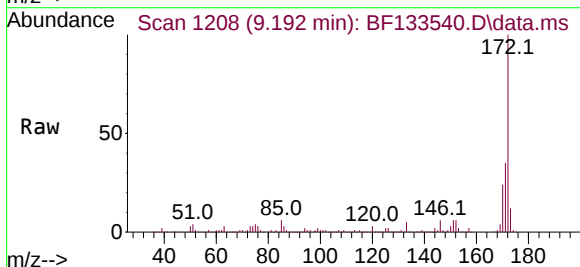
Tgt Ion:172 Resp: 857544

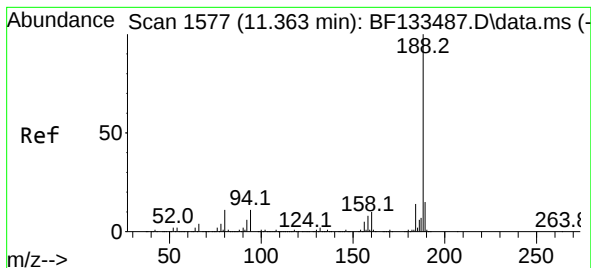
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 24.0 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: BF133540.D

Acq: 31 May 2023 15:41

Instrument :

BNA_F

ClientSampleId :

SB15

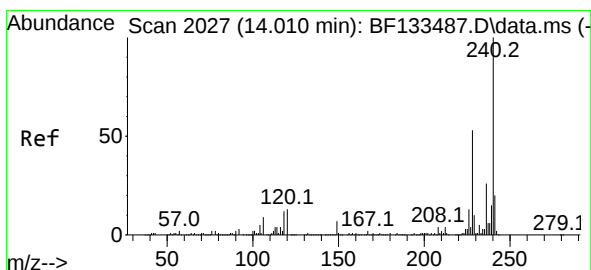
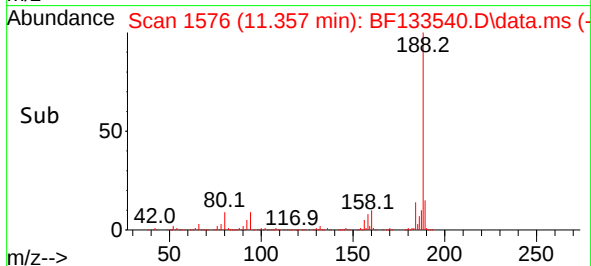
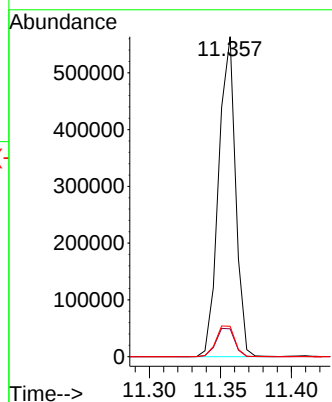
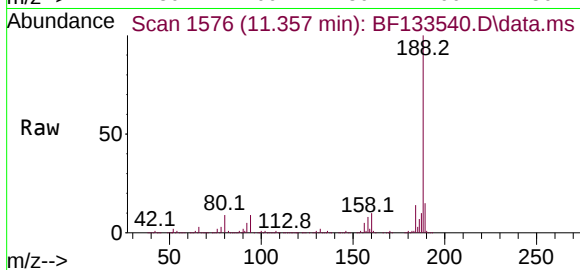
Tgt Ion:188 Resp: 467023

Ion Ratio Lower Upper

188 100

94 8.7 8.6 12.8

80 9.5 9.2 13.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF133540.D

Acq: 31 May 2023 15:41

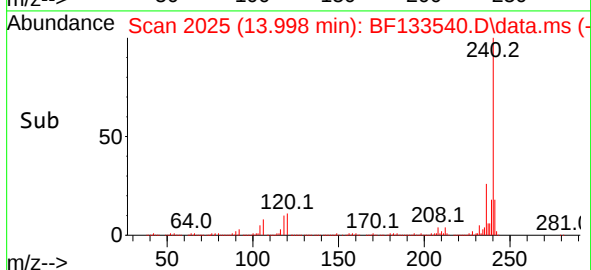
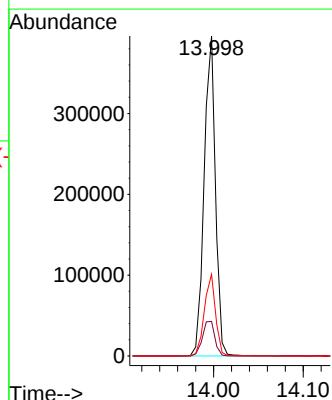
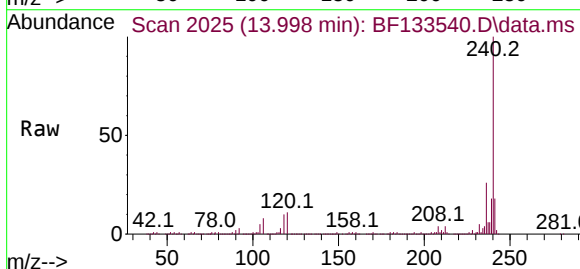
Tgt Ion:240 Resp: 345766

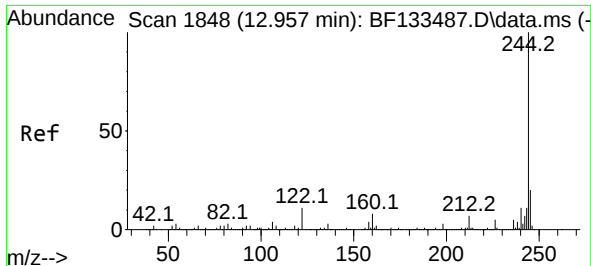
Ion Ratio Lower Upper

240 100

120 10.8 10.3 15.5

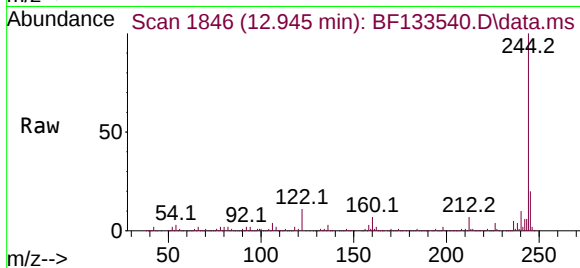
236 25.5 20.5 30.7



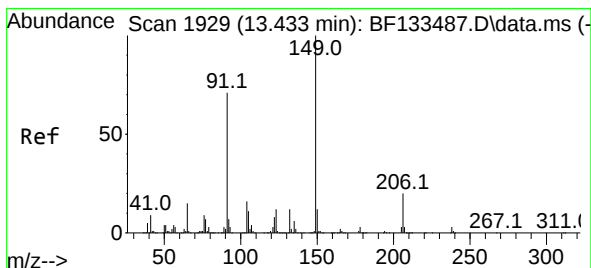
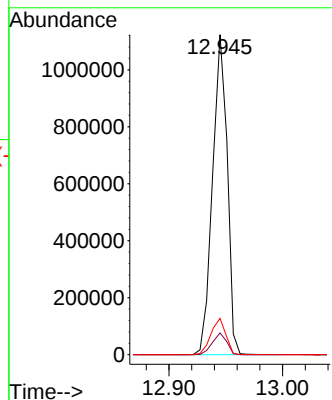
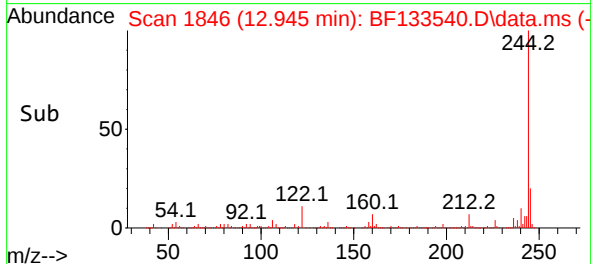


#79
 Terphenyl-d14
 Concen: 51.741 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.006 min
 Lab File: BF133540.D
 Acq: 31 May 2023 15:41

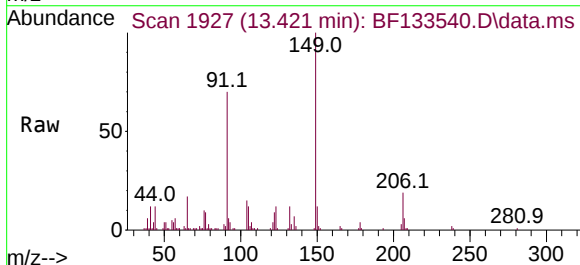
Instrument :
 BNA_F
 ClientSampleId :
 SB15



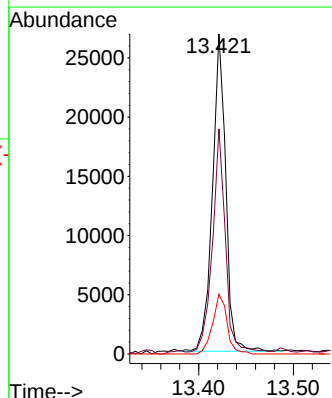
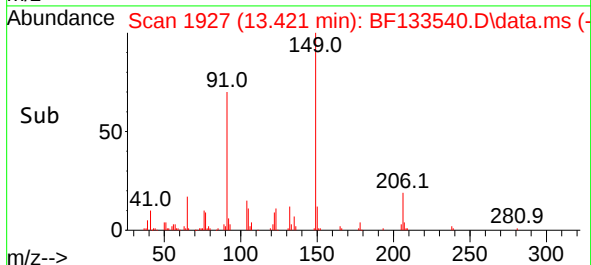
Tgt Ion:244 Resp: 1006203
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 11.4 8.5 12.7

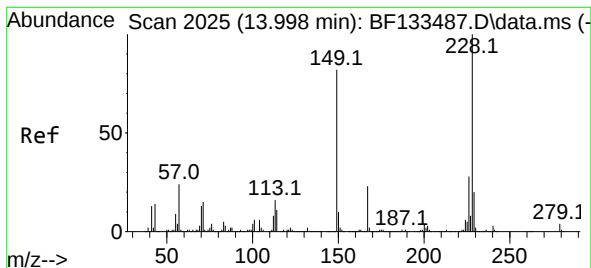


#80
 Butylbenzylphthalate
 Concen: 2.240 ng
 RT: 13.421 min Scan# 1927
 Delta R.T. -0.006 min
 Lab File: BF133540.D
 Acq: 31 May 2023 15:41



Tgt Ion:149 Resp: 26072
 Ion Ratio Lower Upper
 149 100
 91 70.4 56.9 85.3
 206 18.6 15.7 23.5





#81

Benzo(a)anthracene

Concen: 2.515 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF133540.D

Acq: 31 May 2023 15:41

Instrument :

BNA_F

ClientSampleId :

SB15

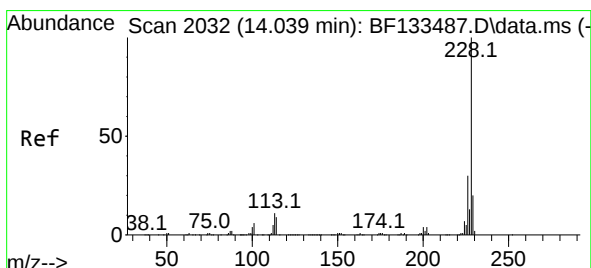
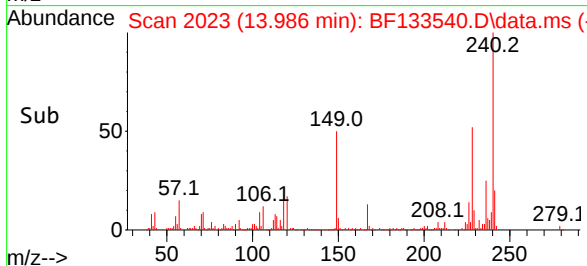
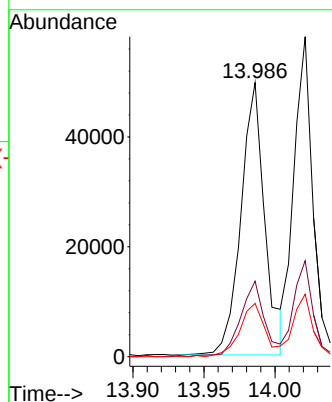
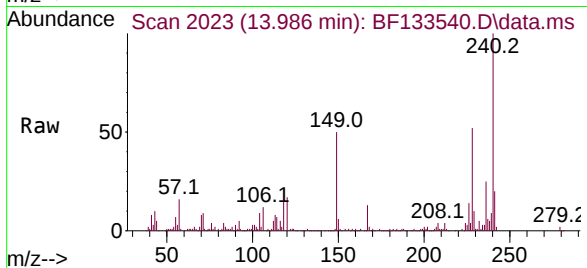
Tgt Ion:228 Resp: 57923

Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

229 19.5 16.1 24.1



#83

Chrysene

Concen: 2.331 ng

RT: 14.021 min Scan# 2029

Delta R.T. -0.012 min

Lab File: BF133540.D

Acq: 31 May 2023 15:41

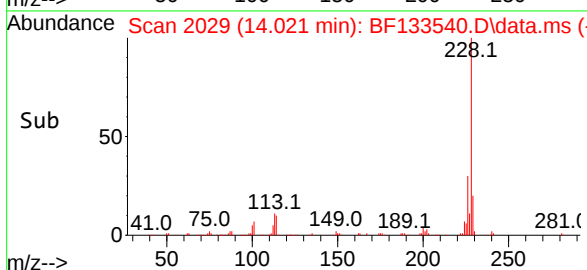
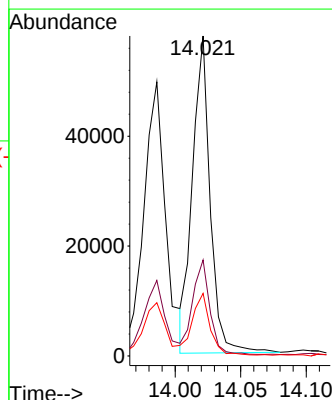
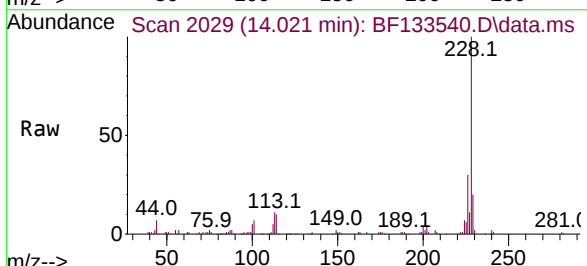
Tgt Ion:228 Resp: 54194

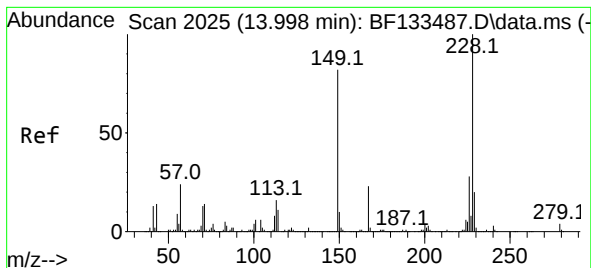
Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.6 15.8 23.8

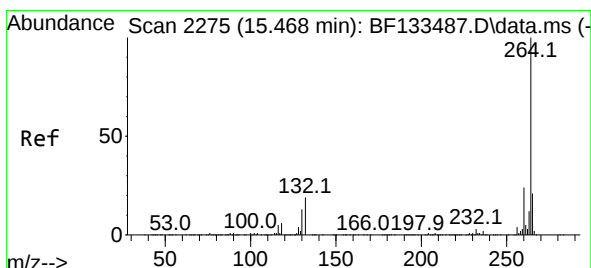
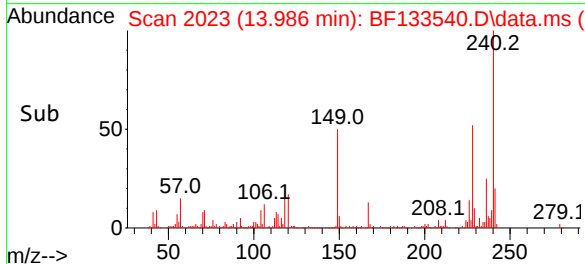
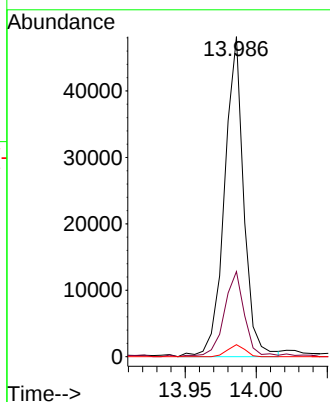
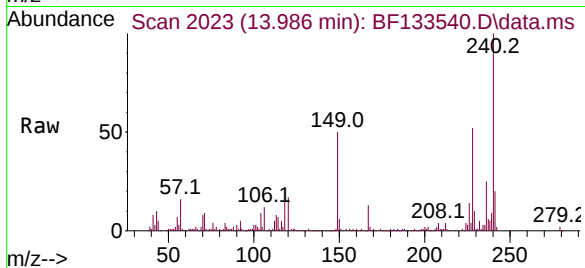




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.125 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF133540.D
Acq: 31 May 2023 15:41

Instrument :
BNA_F
ClientSampleId :
SB15

Tgt Ion:149 Resp: 45467
Ion Ratio Lower Upper
149 100
167 26.6 22.0 33.0
279 3.8 3.6 5.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF133540.D
Acq: 31 May 2023 15:41

Tgt Ion:264 Resp: 281762
Ion Ratio Lower Upper
264 100
260 22.7 19.0 28.4
265 21.9 16.8 25.2

