

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051823\
 Data File : BF133445.D
 Acq On : 18 May 2023 18:42
 Operator : CG\JU
 Sample : 02828-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Quant Time: May 19 03:20:53 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	6.710	152	210185	20.000	ng	0.00
21) Naphthalene-d8	7.992	136	872410	20.000	ng	-0.01
39) Acenaphthene-d10	9.745	164	453897	20.000	ng	-0.01
64) Phenanthrene-d10	11.233	188	845244	20.000	ng	# 0.00
76) Chrysene-d12	13.868	240	558834	20.000	ng	-0.01
86) Perylene-d12	15.292	264	503428	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	1275700	91.685	ng	0.00
7) Phenol-d6	6.357	99	1562432	90.470	ng	-0.01
23) Nitrobenzene-d5	7.281	82	934974	57.848	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	420291	92.072	ng	0.00
45) 2-Fluorobiphenyl	9.075	172	1723314	63.519	ng	0.00
79) Terphenyl-d14	12.821	244	2046351	63.154	ng	0.00

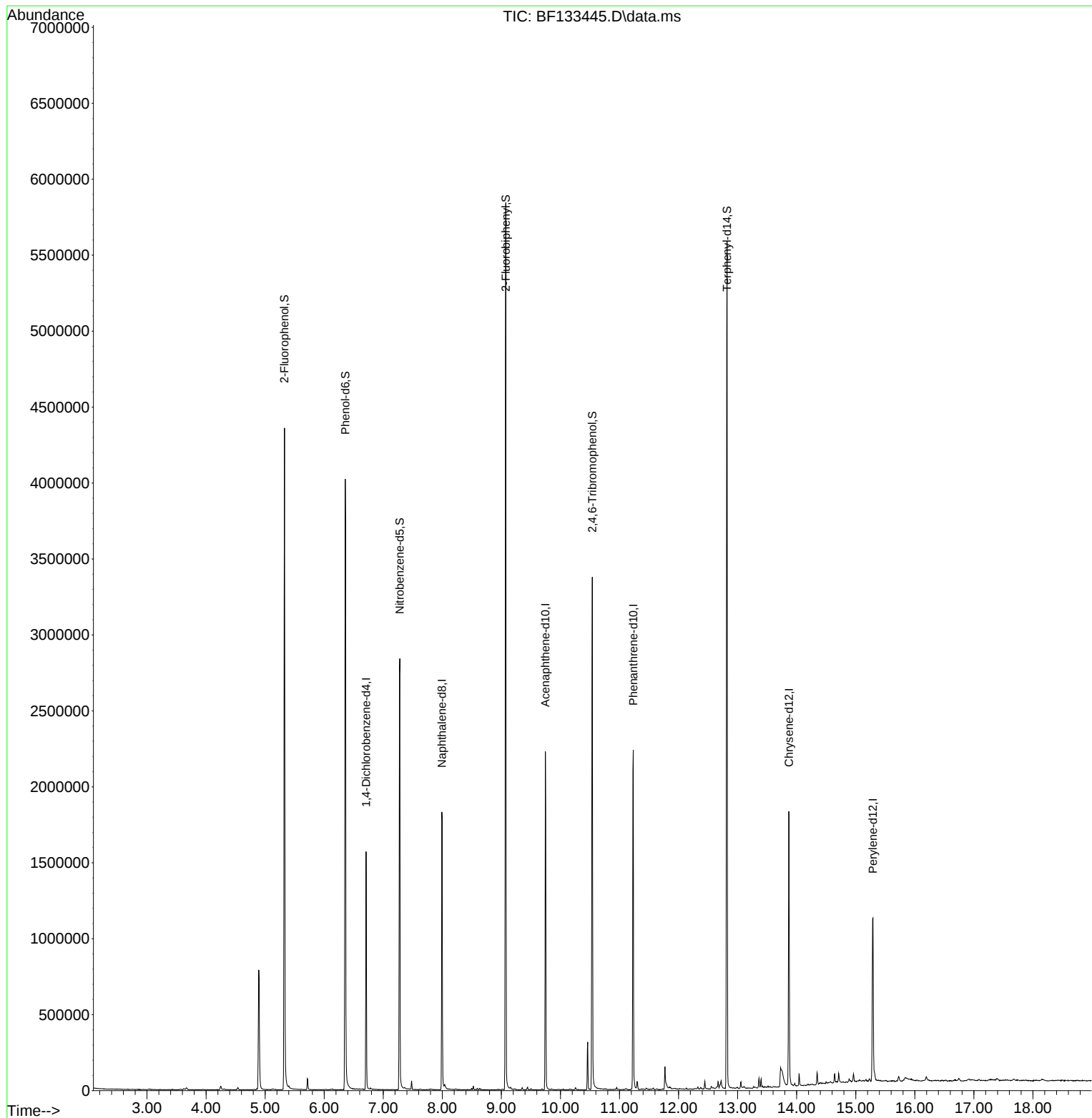
Target Compounds	Qvalue

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

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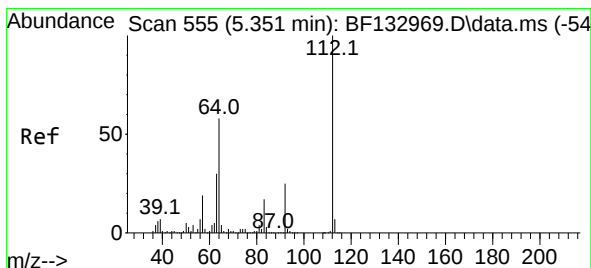
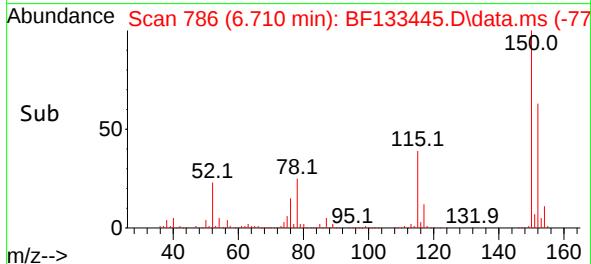
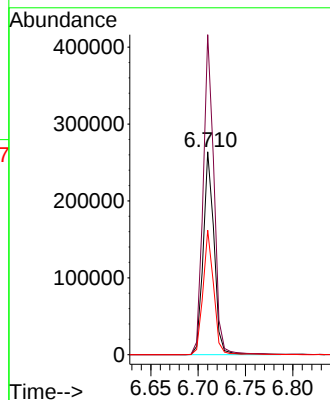
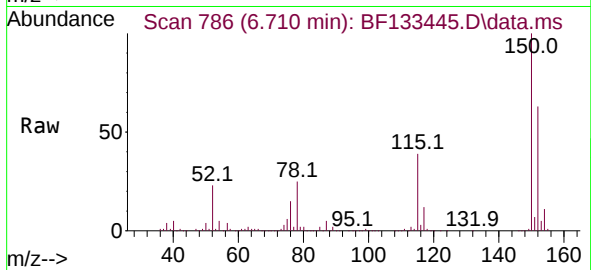




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.710 min Scan# 793
 Delta R.T. -0.006 min
 Lab File: BF133445.D
 Acq: 18 May 2023 18:42

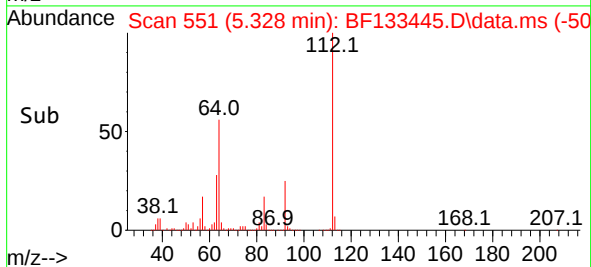
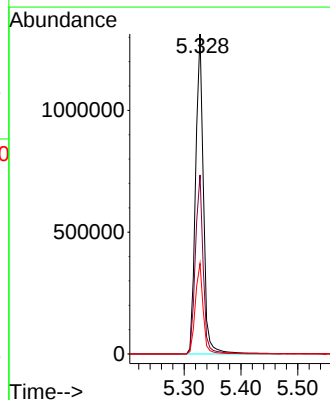
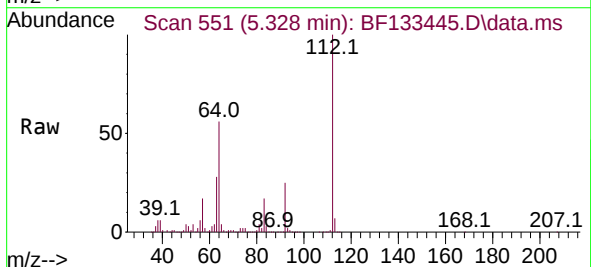
Instrument :
 BNA_F
 ClientSampleId :
 SB-1

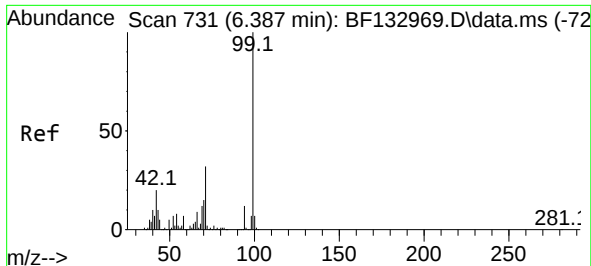
Tgt Ion:152 Resp: 210185
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.8 187.2
 115 61.3 49.9 74.9



#5
 2-Fluorophenol
 Concen: 91.685 ng
 RT: 5.328 min Scan# 551
 Delta R.T. 0.000 min
 Lab File: BF133445.D
 Acq: 18 May 2023 18:42

Tgt Ion:112 Resp: 1275700
 Ion Ratio Lower Upper
 112 100
 64 56.0 46.8 70.2
 63 28.3 23.8 35.8

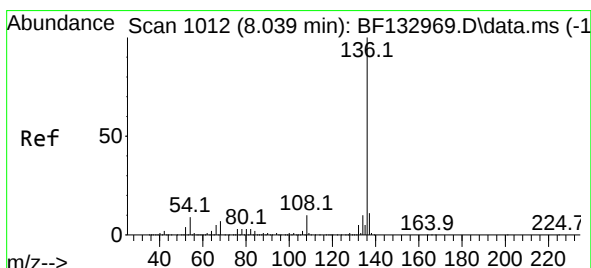
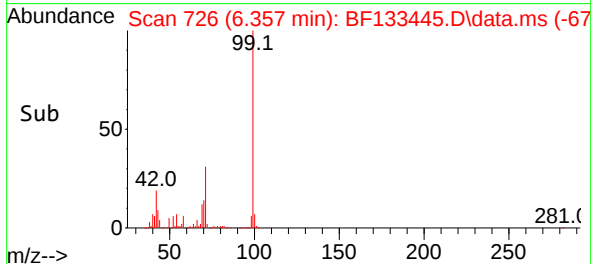
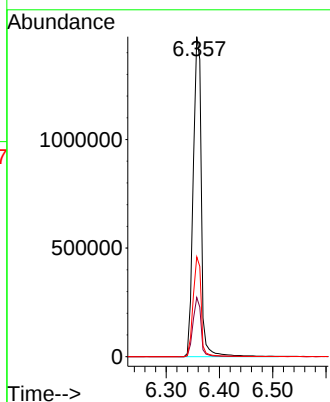
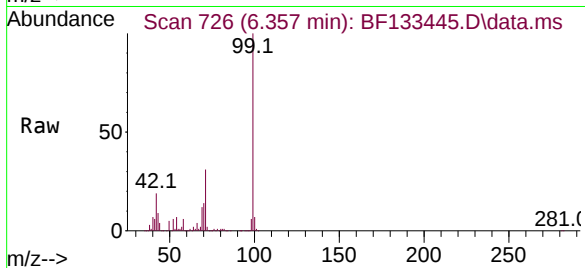




#7
Phenol-d6
Concen: 90.470 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133445.D
Acq: 18 May 2023 18:42

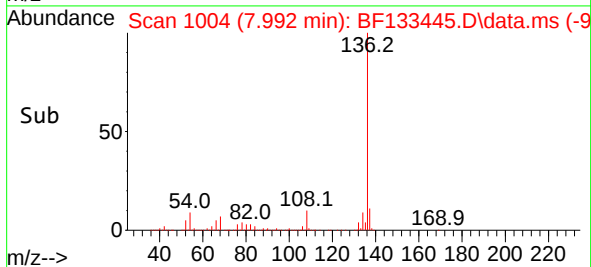
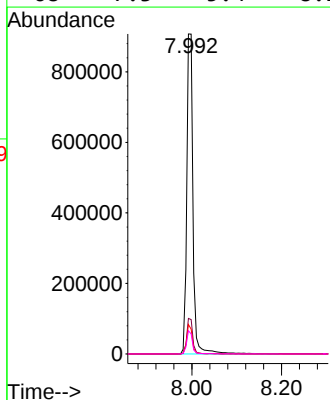
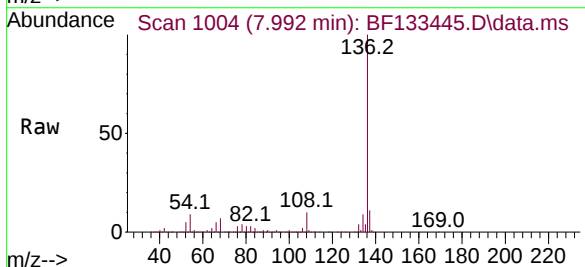
Instrument :
BNA_F
ClientSampleId :
SB-1

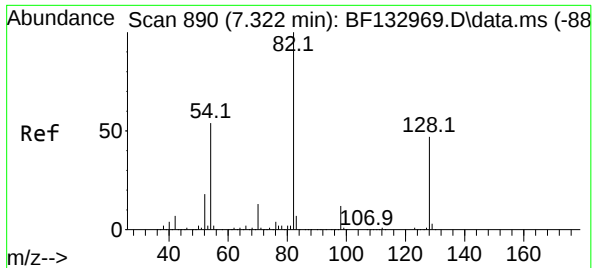
Tgt Ion: 99 Resp: 1562432
Ion Ratio Lower Upper
99 100
42 18.5 16.3 24.5
71 31.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BF133445.D
Acq: 18 May 2023 18:42

Tgt Ion:136 Resp: 872410
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.2 7.0 10.4
68 7.3 5.4 8.2





#23

Nitrobenzene-d5

Concen: 57.848 ng

RT: 7.281 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133445.D

Acq: 18 May 2023 18:42

Instrument :

BNA_F

ClientSampleId :

SB-1

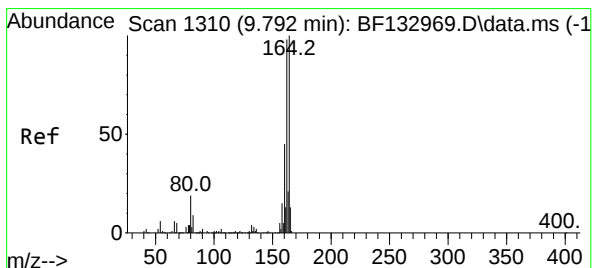
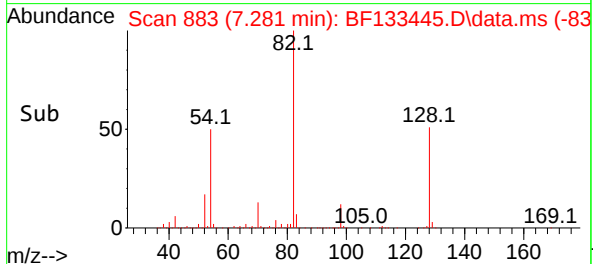
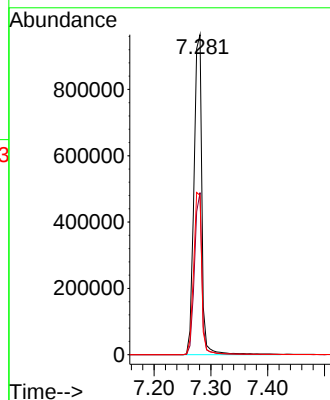
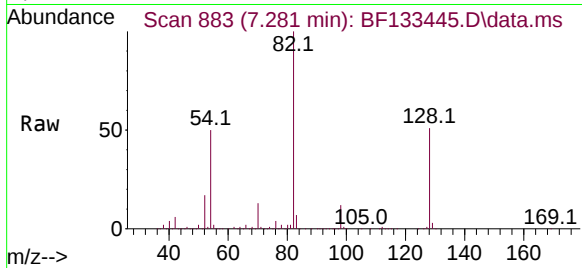
Tgt Ion: 82 Resp: 934974

Ion Ratio Lower Upper

82 100

128 50.7 37.7 56.5

54 49.8 43.0 64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.745 min Scan# 1302

Delta R.T. -0.012 min

Lab File: BF133445.D

Acq: 18 May 2023 18:42

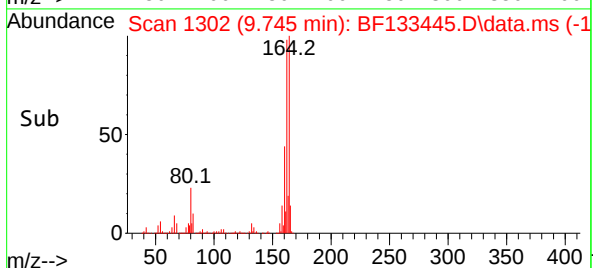
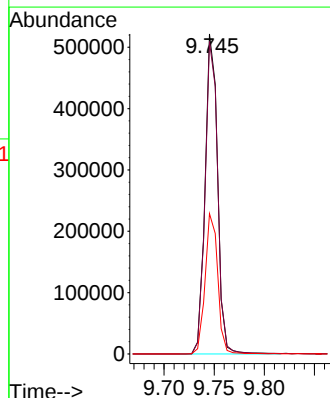
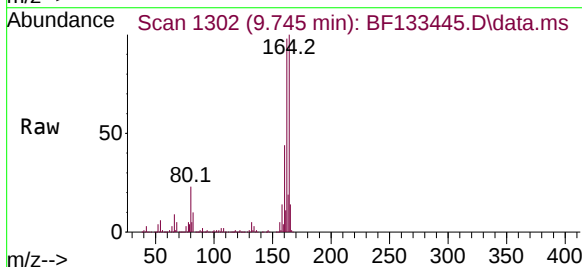
Tgt Ion: 164 Resp: 453897

Ion Ratio Lower Upper

164 100

162 97.6 78.7 118.1

160 43.8 35.8 53.6

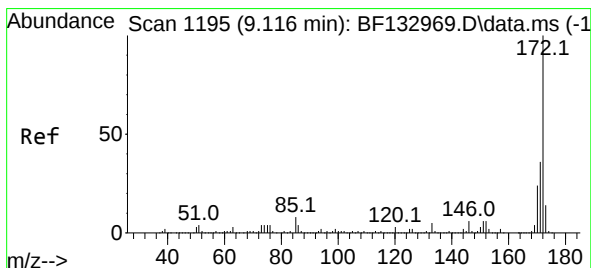
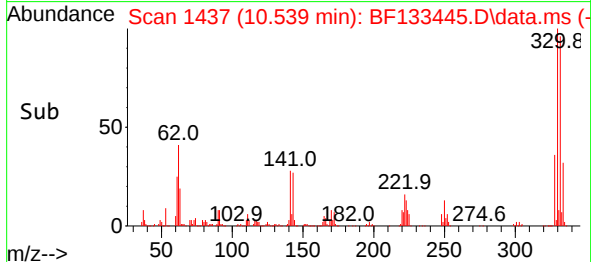
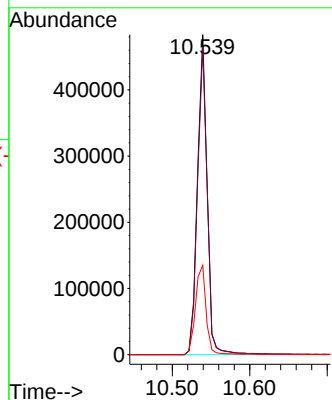
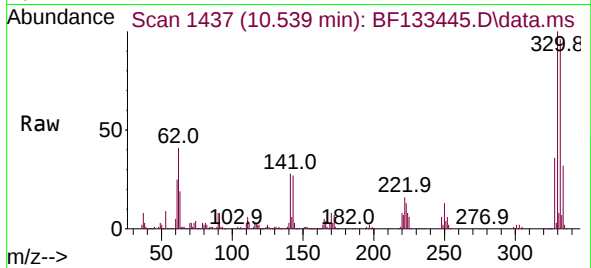




#42
2,4,6-Tribromophenol
Concen: 92.072 ng
RT: 10.539 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF133445.D
Acq: 18 May 2023 18:42

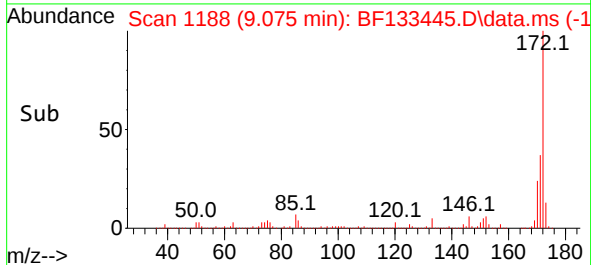
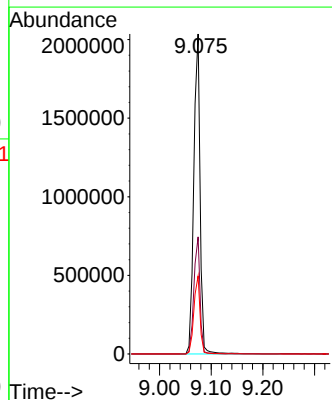
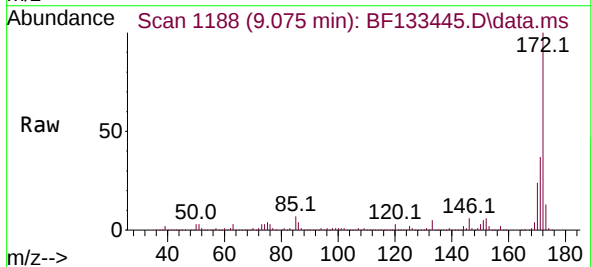
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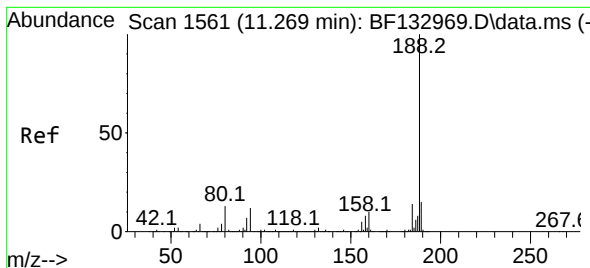
Tgt Ion:330 Resp: 420291
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 30.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 63.519 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF133445.D
Acq: 18 May 2023 18:42

Tgt Ion:172 Resp: 1723314
Ion Ratio Lower Upper
172 100
171 36.6 28.8 43.2
170 24.4 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133445.D

Acq: 18 May 2023 18:42

Instrument :

BNA_F

ClientSampleId :

SB-1

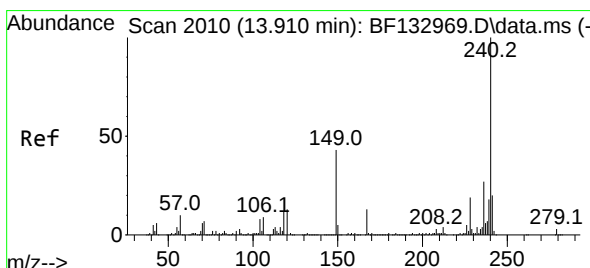
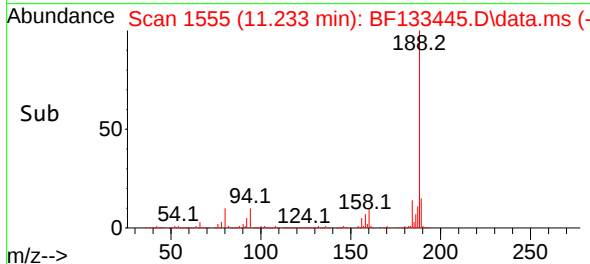
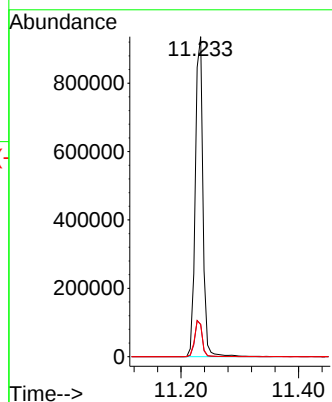
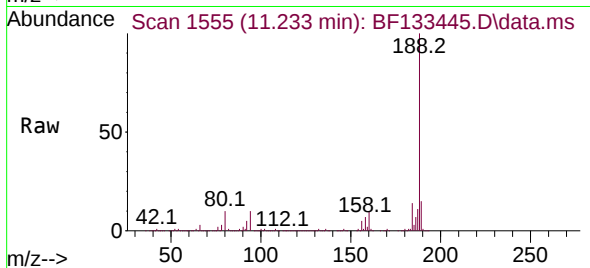
Tgt Ion:188 Resp: 845244

Ion Ratio Lower Upper

188 100

94 10.0 9.7 14.5

80 10.1 10.4 15.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.868 min Scan# 2003

Delta R.T. -0.012 min

Lab File: BF133445.D

Acq: 18 May 2023 18:42

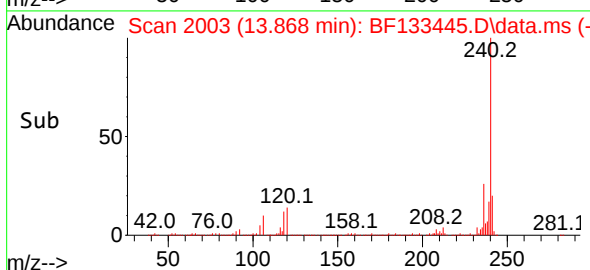
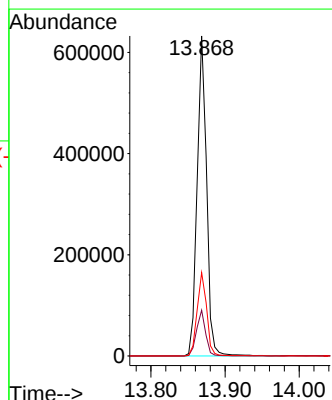
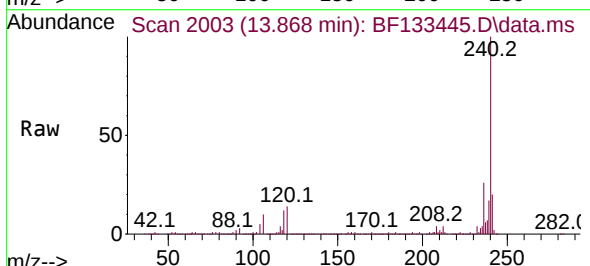
Tgt Ion:240 Resp: 558834

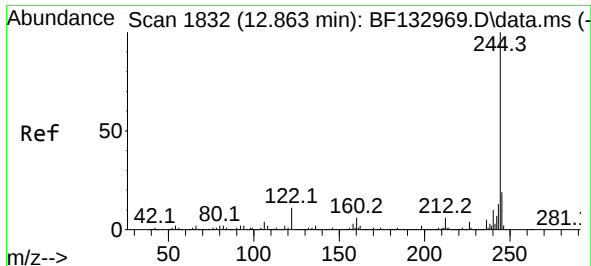
Ion Ratio Lower Upper

240 100

120 14.3 10.5 15.7

236 26.0 21.5 32.3

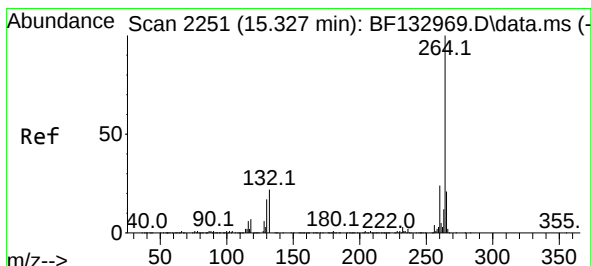
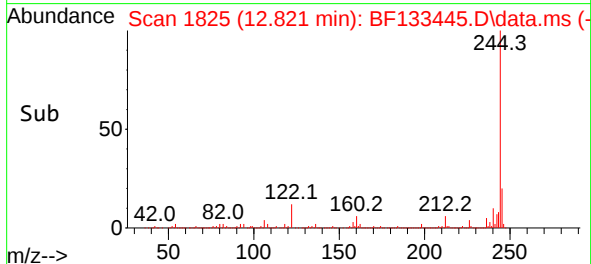
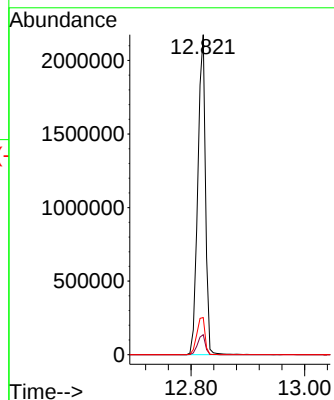
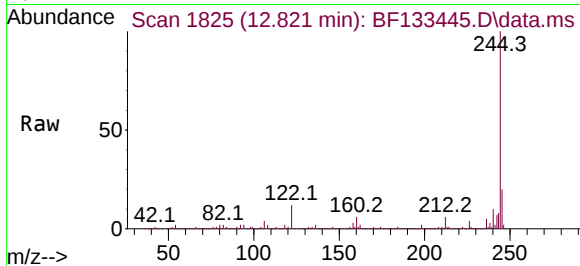




#79
 Terphenyl-d14
 Concen: 63.154 ng
 RT: 12.821 min Scan# 1825
 Delta R.T. -0.006 min
 Lab File: BF133445.D
 Acq: 18 May 2023 18:42

Instrument :
 BNA_F
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Tgt Ion:244 Resp: 2046351
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.1 7.7
 122 11.6 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: BF133445.D
 Acq: 18 May 2023 18:42

Tgt Ion:264 Resp: 503428
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.8 28.2
 265 22.5 17.0 25.4

