

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051823\
 Data File : BF133436.D
 Acq On : 18 May 2023 12:28
 Operator : CG\JU
 Sample : 02812-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WG-0516-B3-10-20

Quant Time: May 18 18:37:07 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	187538	20.000	ng	0.00
21) Naphthalene-d8	7.998	136	771870	20.000	ng	0.00
39) Acenaphthene-d10	9.751	164	394033	20.000	ng	0.00
64) Phenanthrene-d10	11.233	188	715209	20.000	ng	0.00
76) Chrysene-d12	13.868	240	472685	20.000	ng	-0.01
86) Perylene-d12	15.292	264	479599	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1509164	121.562	ng	0.00
7) Phenol-d6	6.363	99	1805568	117.174	ng	0.00
23) Nitrobenzene-d5	7.281	82	1082470	75.697	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	480406	121.230	ng	0.00
45) 2-Fluorobiphenyl	9.075	172	1879419	79.797	ng	0.00
79) Terphenyl-d14	12.821	244	2100646	76.645	ng	0.00

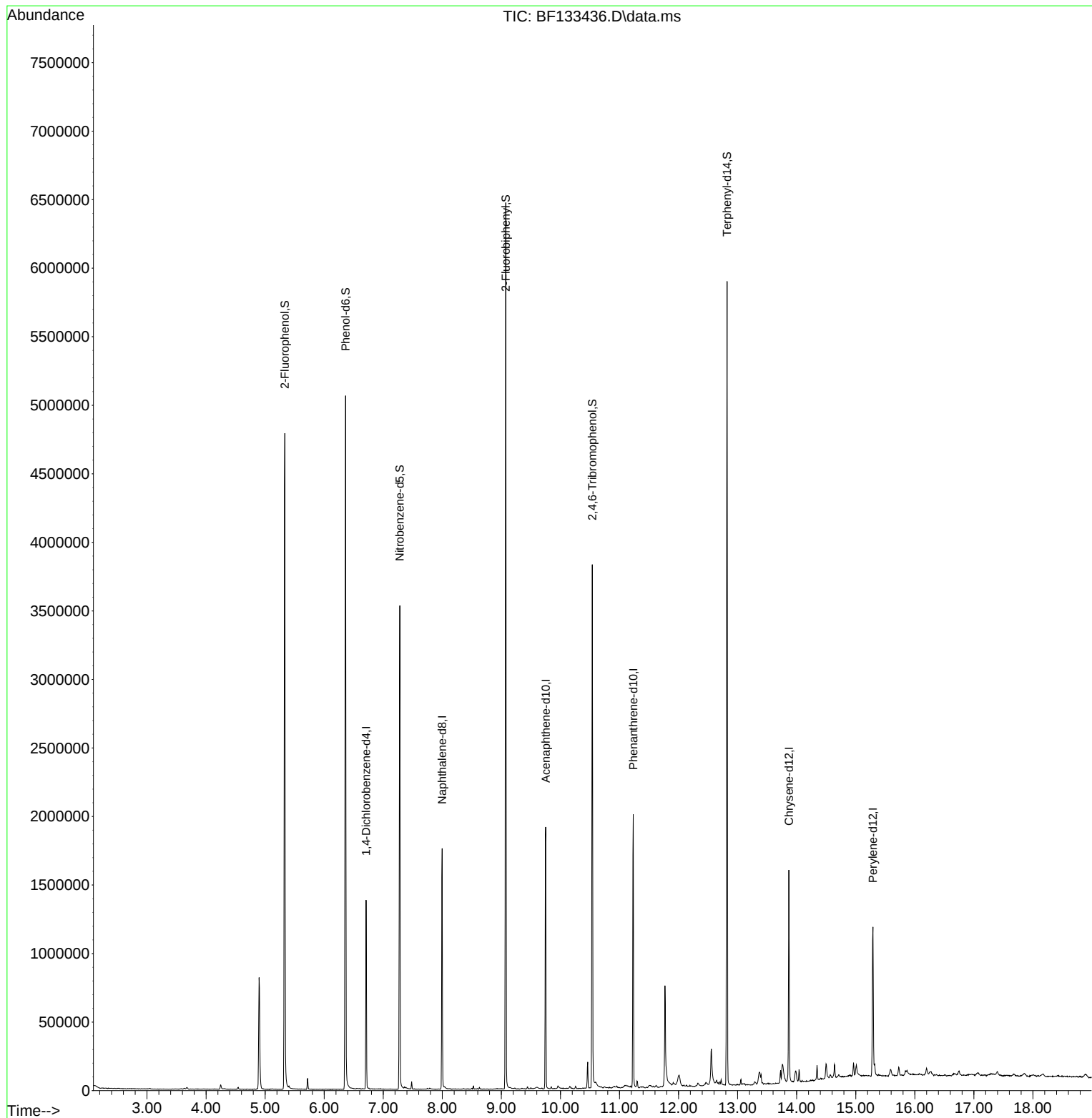
Target Compounds	Qvalue

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

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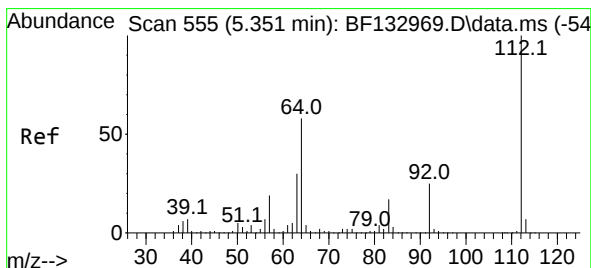
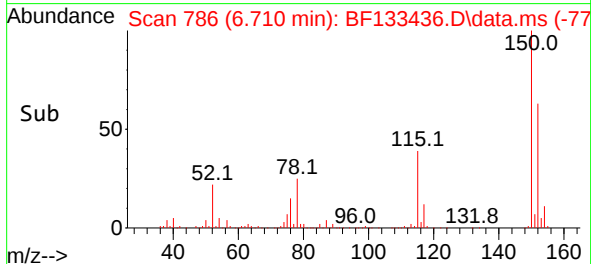
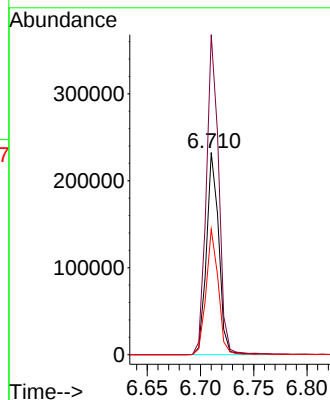
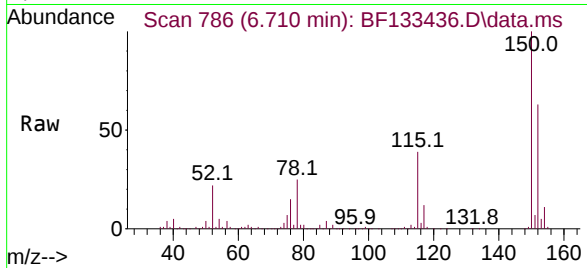




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.710 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133436.D
Acq: 18 May 2023 12:28

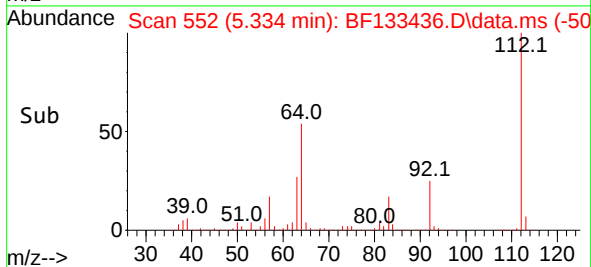
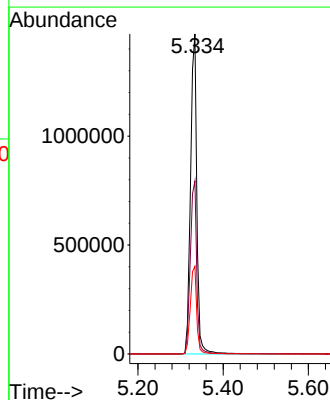
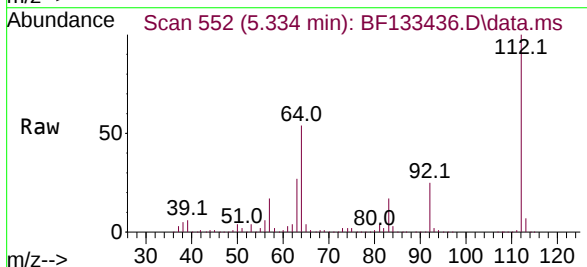
Instrument :
BNA_F
ClientSampleId :
WG-0516-B3-10-20

Tgt Ion:152 Resp: 187538
Ion Ratio Lower Upper
152 100
150 158.4 124.8 187.2
115 62.1 49.9 74.9



#5
2-Fluorophenol
Concen: 121.562 ng
RT: 5.334 min Scan# 552
Delta R.T. 0.006 min
Lab File: BF133436.D
Acq: 18 May 2023 12:28

Tgt Ion:112 Resp: 1509164
Ion Ratio Lower Upper
112 100
64 54.1 46.8 70.2
63 27.4 23.8 35.8

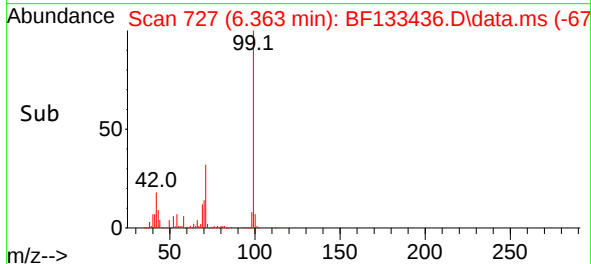
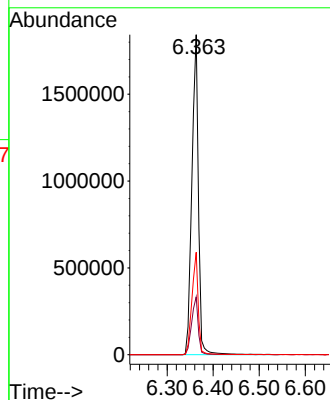
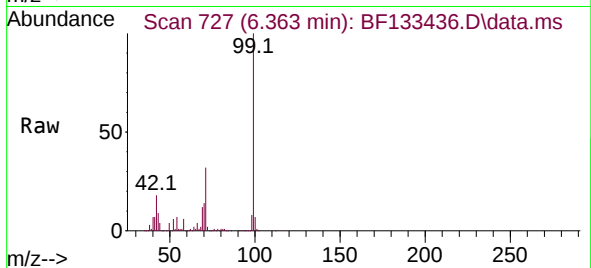




#7
Phenol-d6
Concen: 117.174 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133436.D
Acq: 18 May 2023 12:28

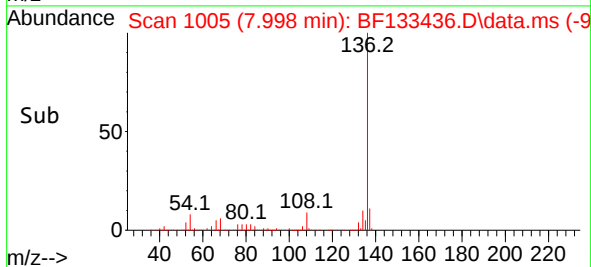
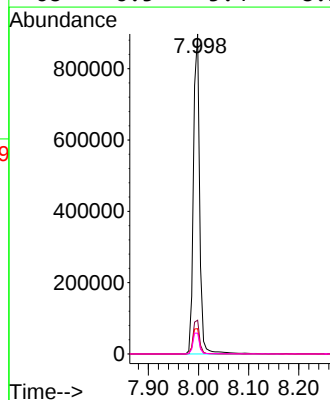
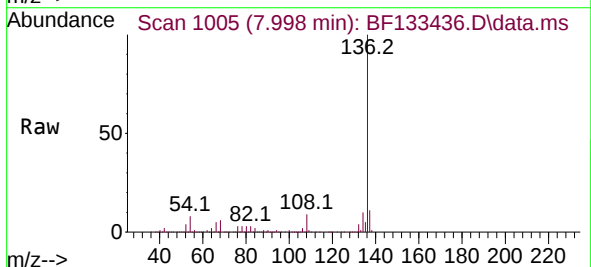
Instrument :
BNA_F
ClientSampleId :
WG-0516-B3-10-20

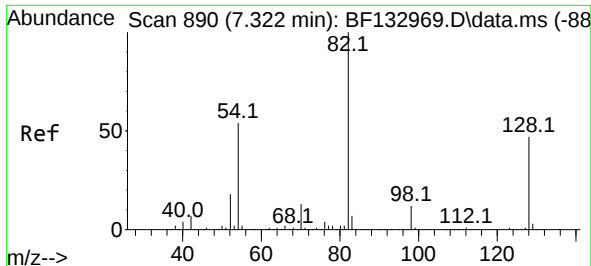
Tgt Ion: 99 Resp: 1805568
Ion Ratio Lower Upper
99 100
42 18.0 16.3 24.5
71 32.0 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF133436.D
Acq: 18 May 2023 12:28

Tgt Ion: 136 Resp: 771870
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.9 7.0 10.4
68 6.5 5.4 8.2

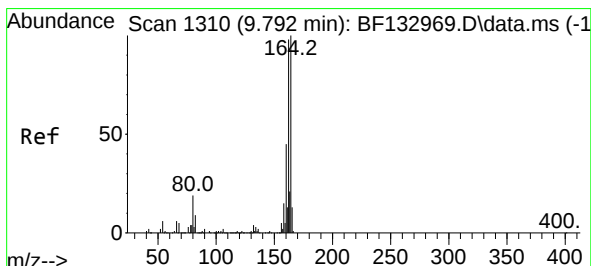
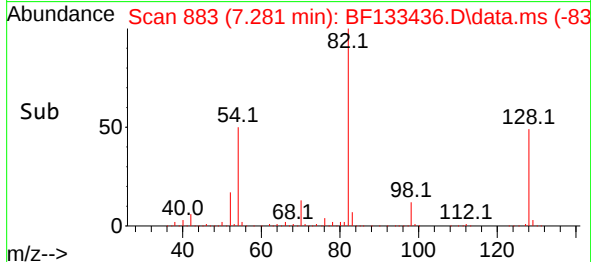
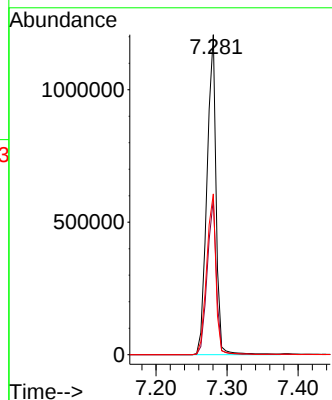
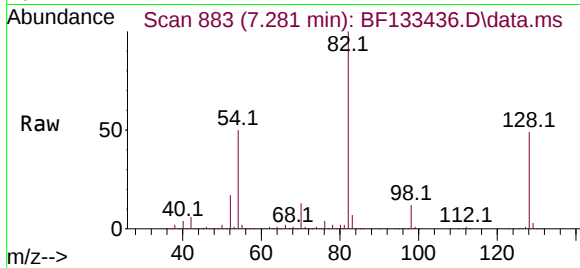




#23
Nitrobenzene-d5
Concen: 75.697 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133436.D
Acq: 18 May 2023 12:28

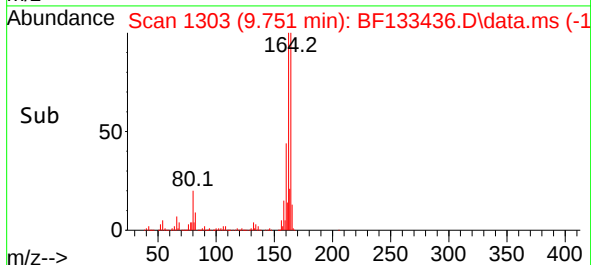
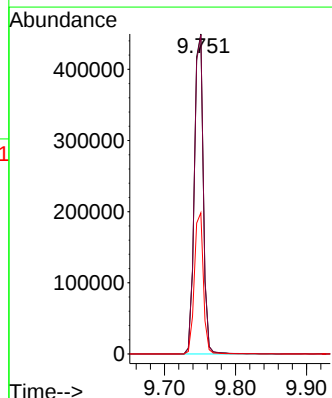
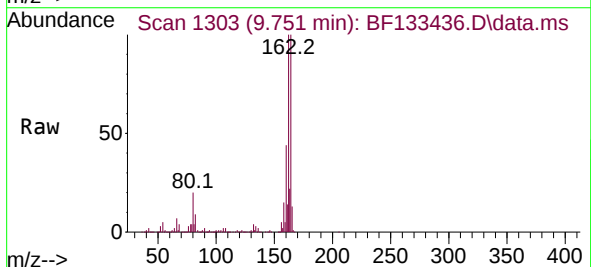
Instrument :
BNA_F
ClientSampleId :
WG-0516-B3-10-20

Tgt Ion: 82 Resp: 1082470
Ion Ratio Lower Upper
82 100
128 48.6 37.7 56.5
54 50.2 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: BF133436.D
Acq: 18 May 2023 12:28

Tgt Ion:164 Resp: 394033
Ion Ratio Lower Upper
164 100
162 99.8 78.7 118.1
160 44.1 35.8 53.6

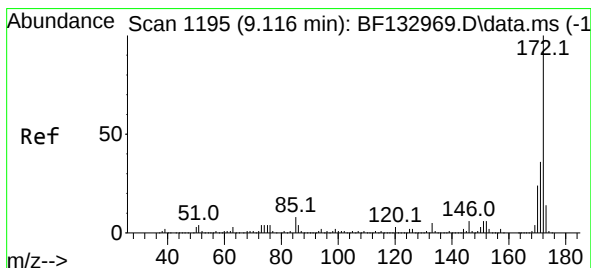
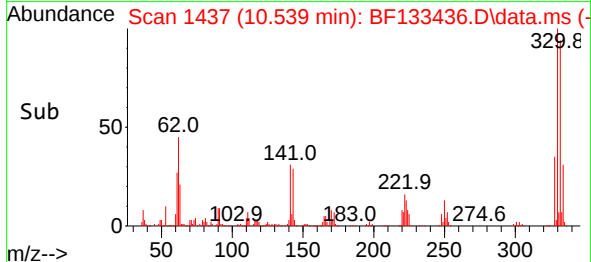
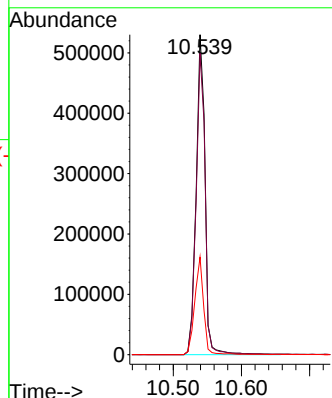
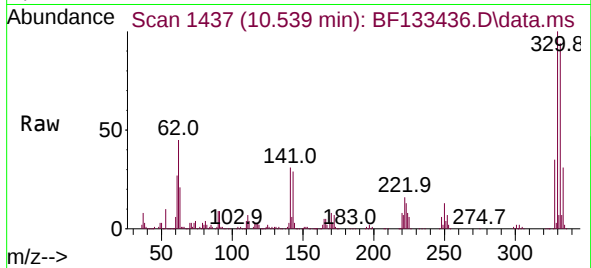




#42
2,4,6-Tribromophenol
Concen: 121.230 ng
RT: 10.539 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF133436.D
Acq: 18 May 2023 12:28

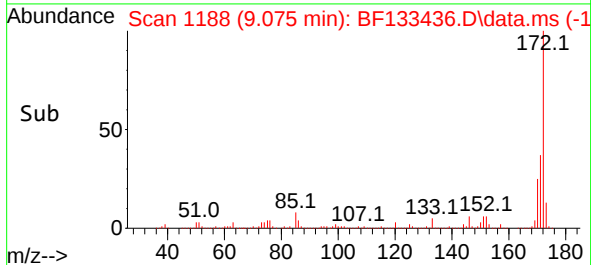
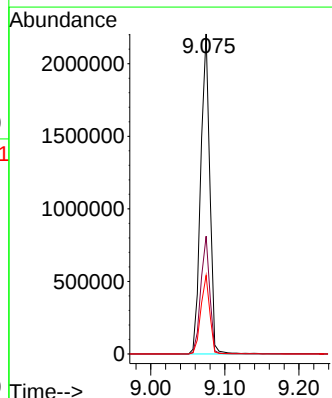
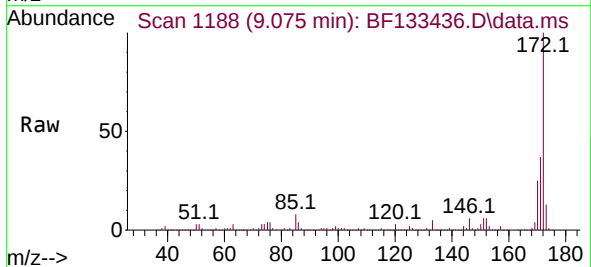
Instrument :
BNA_F
ClientSampleId :
WG-0516-B3-10-20

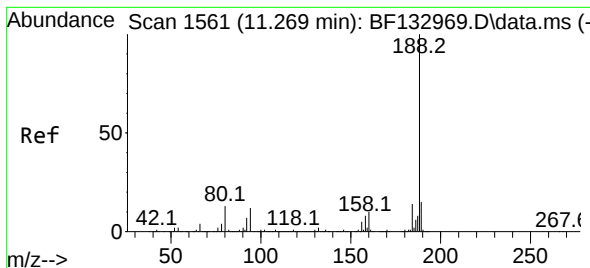
Tgt Ion:330 Resp: 480406
Ion Ratio Lower Upper
330 100
332 95.3 77.1 115.7
141 30.6 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 79.797 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF133436.D
Acq: 18 May 2023 12:28

Tgt Ion:172 Resp: 1879419
Ion Ratio Lower Upper
172 100
171 36.8 28.8 43.2
170 24.6 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: BF133436.D

Acq: 18 May 2023 12:28

Instrument :

BNA_F

ClientSampleId :

WG-0516-B3-10-20

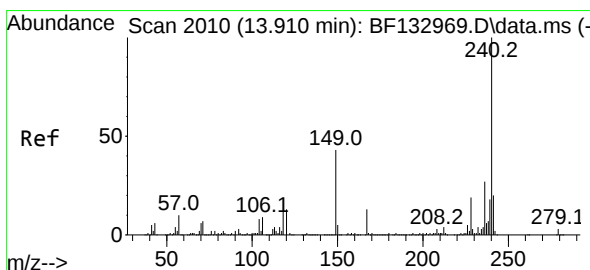
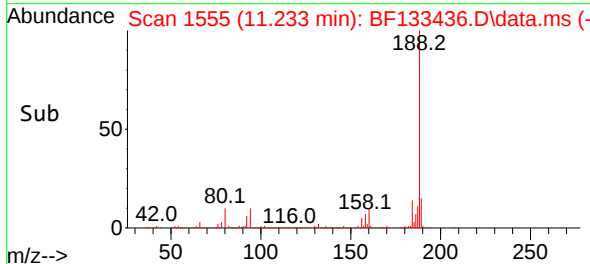
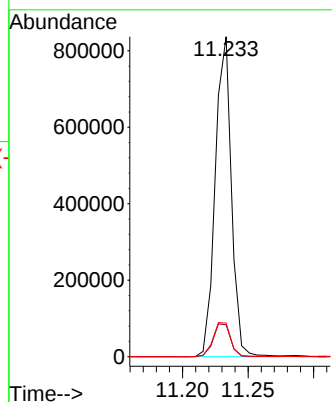
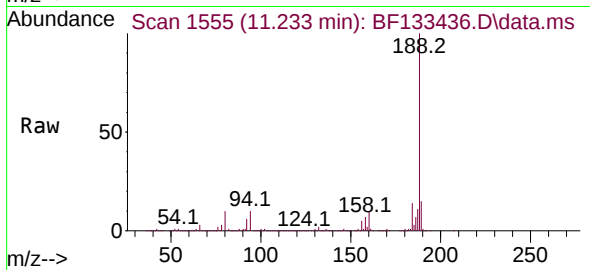
Tgt Ion:188 Resp: 715209

Ion Ratio Lower Upper

188 100

94 10.0 9.7 14.5

80 10.5 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: BF133436.D

Acq: 18 May 2023 12:28

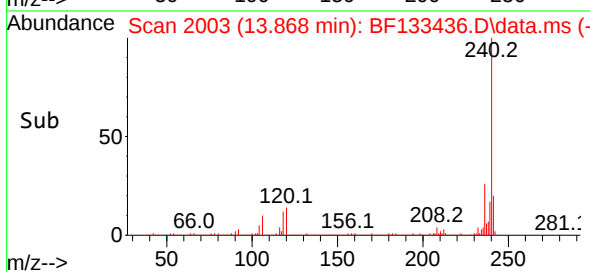
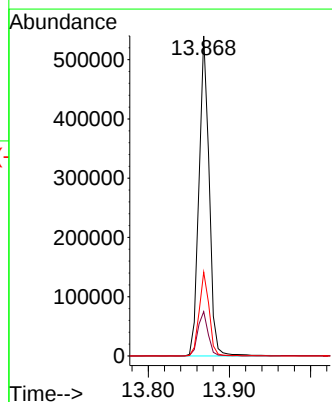
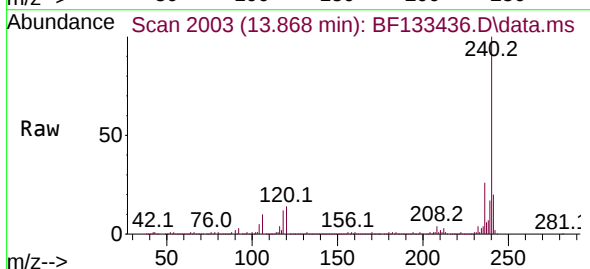
Tgt Ion:240 Resp: 472685

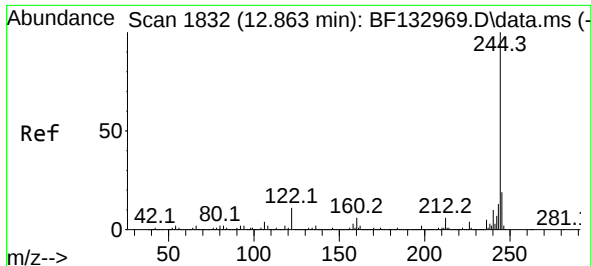
Ion Ratio Lower Upper

240 100

120 13.9 10.5 15.7

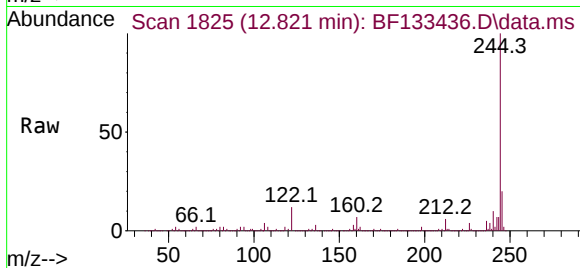
236 26.2 21.5 32.3



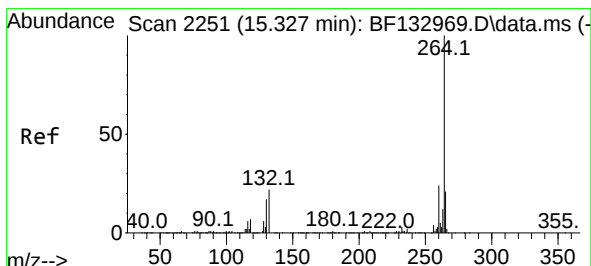
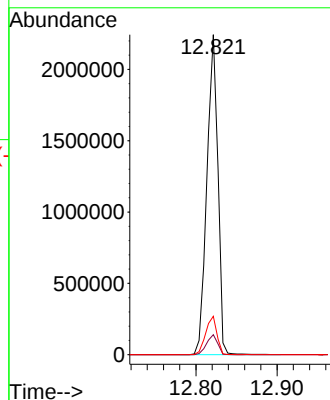
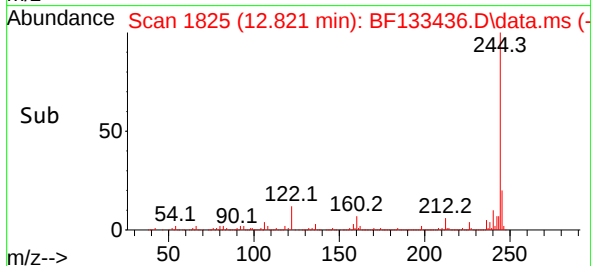


#79
 Terphenyl-d14
 Concen: 76.645 ng
 RT: 12.821 min Scan# 1825
 Delta R.T. -0.006 min
 Lab File: BF133436.D
 Acq: 18 May 2023 12:28

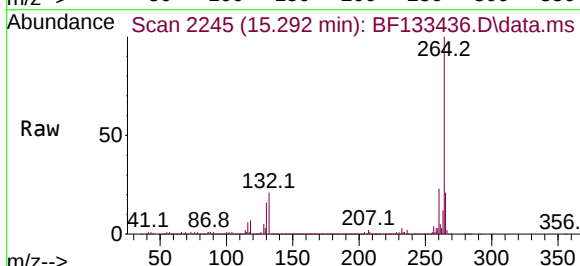
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 BNA_F
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 WG-0516-B3-10-20



Tgt Ion:244 Resp: 2100646
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.1 7.7
 122 12.0 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: BF133436.D
 Acq: 18 May 2023 12:28



Tgt Ion:264 Resp: 479599
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.8 28.2
 265 20.8 17.0 25.4

