

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132948.D
 Acq On : 20 Apr 2023 21:05
 Operator : CG\JU
 Sample : 02389-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPB-1WC-23-04-17

Quant Time: Apr 21 02:17:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 20 14:15:37 2023
 Response via : Initial Calibration

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

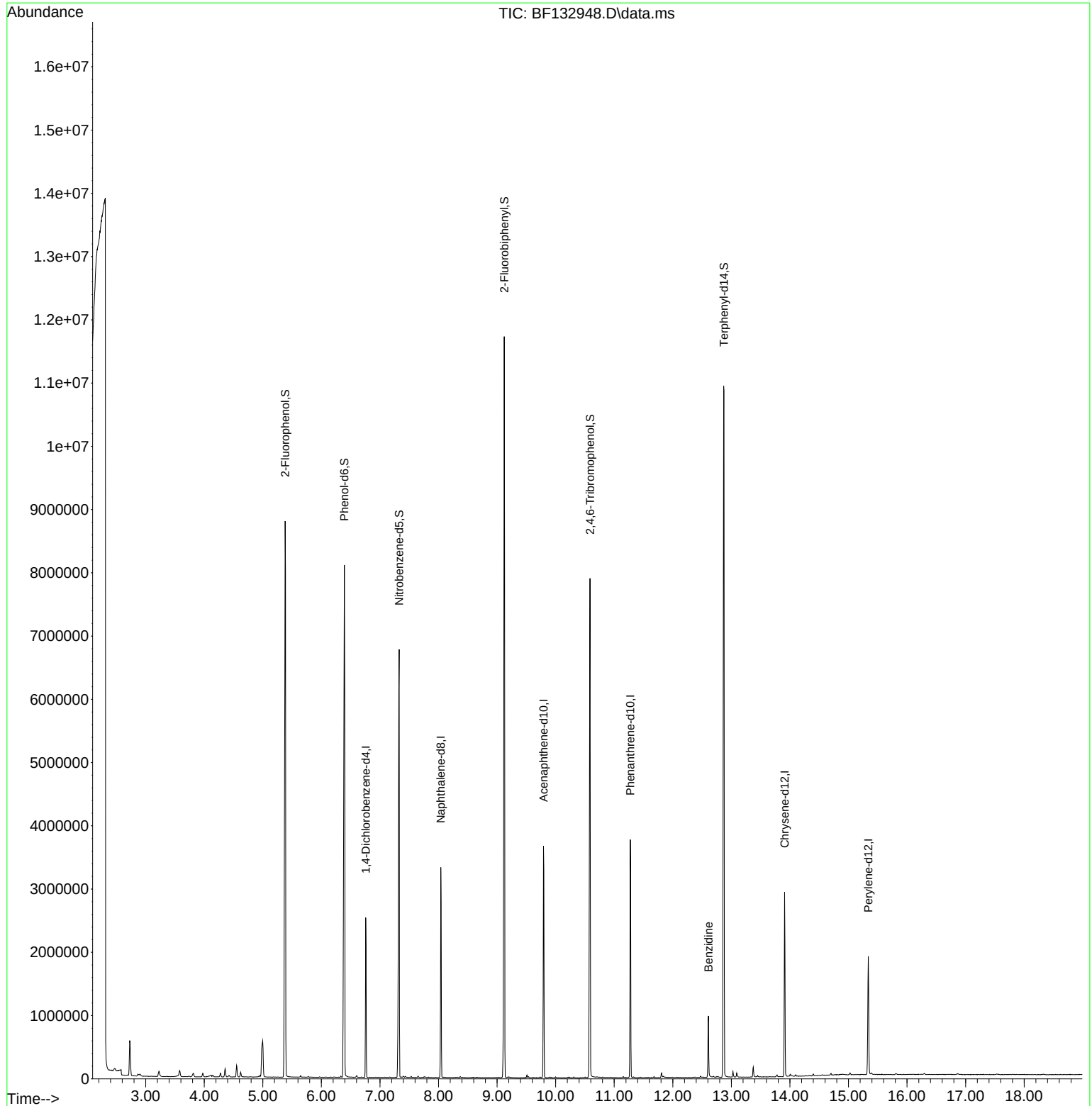
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	338916	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	1343495	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	722365	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	1294868	20.000	ng	0.00
76) Chrysene-d12	13.910	240	902436	20.000	ng	0.00
86) Perylene-d12	15.339	264	744931	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2826039	130.386	ng	0.02
7) Phenol-d6	6.393	99	3512630	127.005	ng	0.00
23) Nitrobenzene-d5	7.328	82	2362489	91.660	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	1106077	152.660	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	3782815	80.447	ng	0.00
79) Terphenyl-d14	12.874	244	4614556	87.239	ng	0.00
Target Compounds						
77) Benzdine	12.610	184	341951	24.325	ng	Qvalue 95

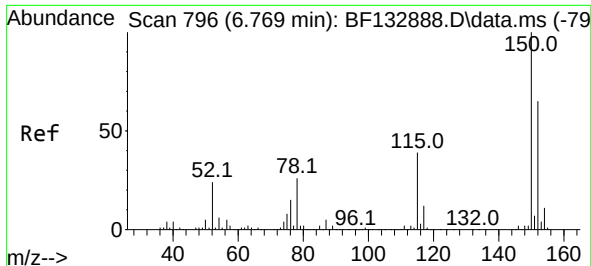
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
Data File : BF132948.D
Acq On : 20 Apr 2023 21:05
Operator : CG\JU
Sample : 02389-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPB-1WC-23-04-17

Quant Time: Apr 21 02:17:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 20 14:15:37 2023
Response via : Initial Calibration

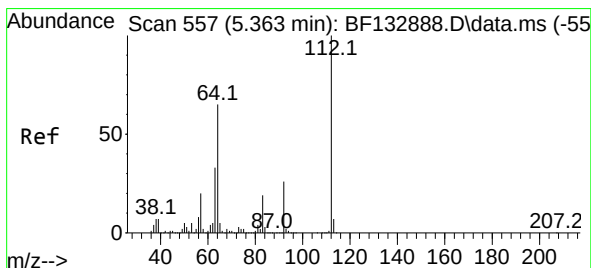
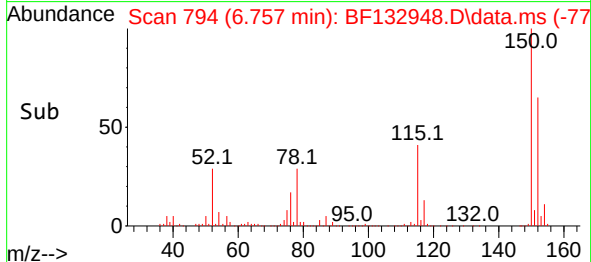
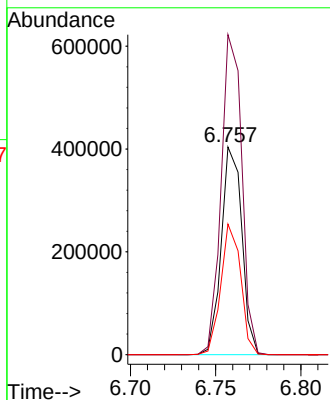
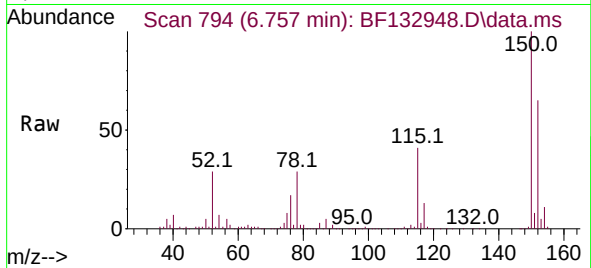




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132948.D
Acq: 20 Apr 2023 21:05

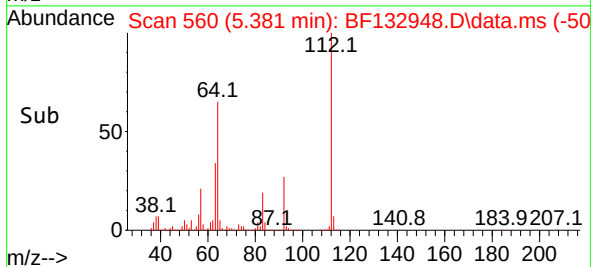
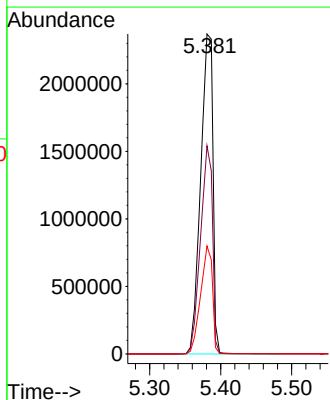
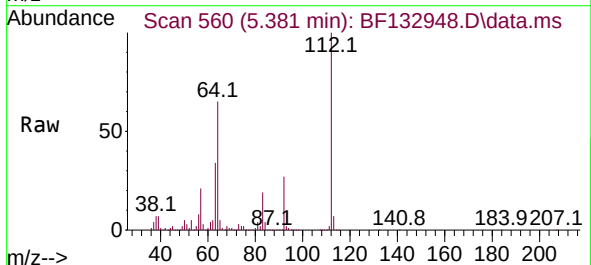
Instrument :
BNA_F
ClientSampleId :
SPB-1WC-23-04-17

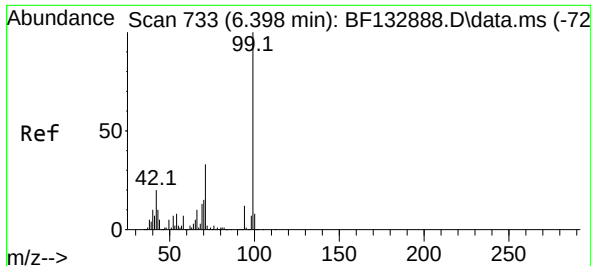
Tgt Ion:152 Resp: 338916
Ion Ratio Lower Upper
152 100
150 154.1 122.8 184.2
115 62.8 47.3 70.9



#5
2-Fluorophenol
Concen: 130.386 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.024 min
Lab File: BF132948.D
Acq: 20 Apr 2023 21:05

Tgt Ion:112 Resp: 2826039
Ion Ratio Lower Upper
112 100
64 65.0 51.8 77.8
63 33.7 26.3 39.5

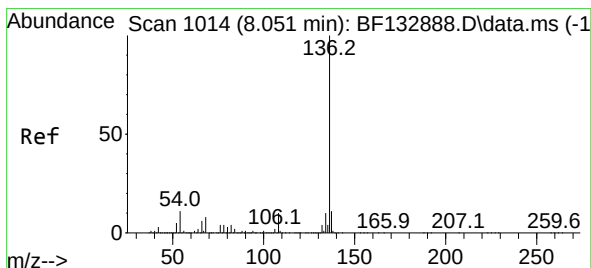
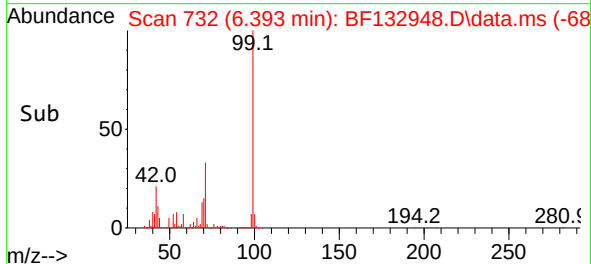
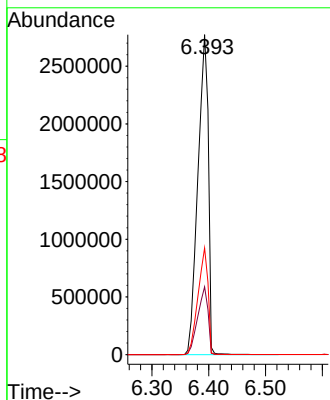
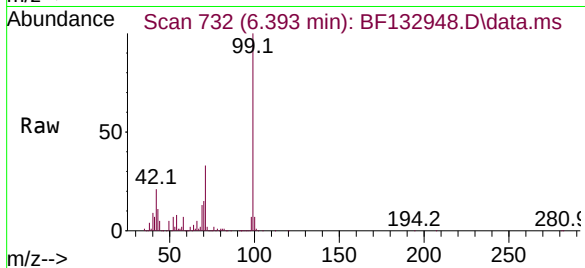




#7
Phenol-d6
Concen: 127.005 ng
RT: 6.393 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF132948.D
Acq: 20 Apr 2023 21:05

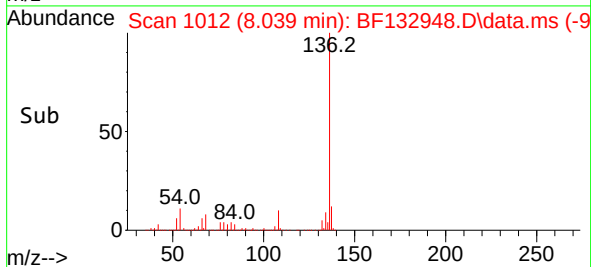
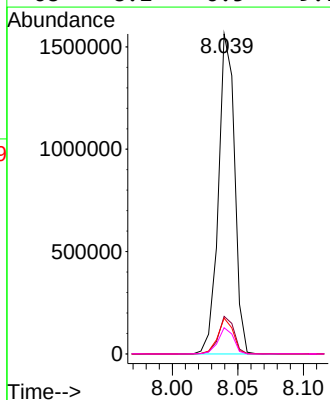
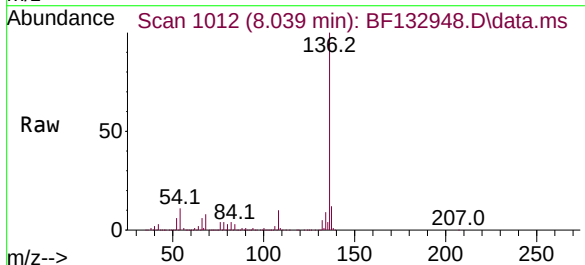
Instrument :
BNA_F
ClientSampleId :
SPB-1WC-23-04-17

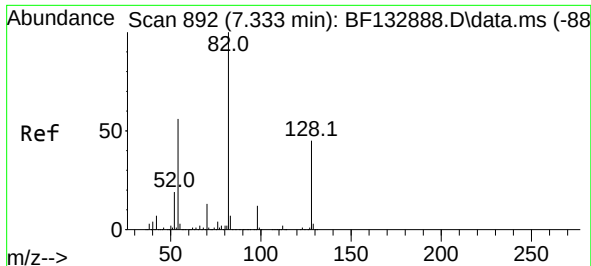
Tgt Ion: 99 Resp: 3512630
Ion Ratio Lower Upper
99 100
42 21.2 16.1 24.1
71 33.3 26.1 39.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF132948.D
Acq: 20 Apr 2023 21:05

Tgt Ion:136 Resp: 1343495
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.4
54 11.2 8.9 13.3
68 8.2 6.5 9.7

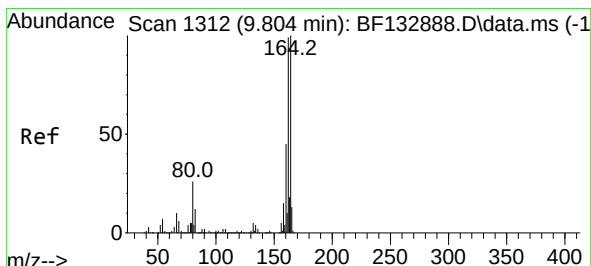
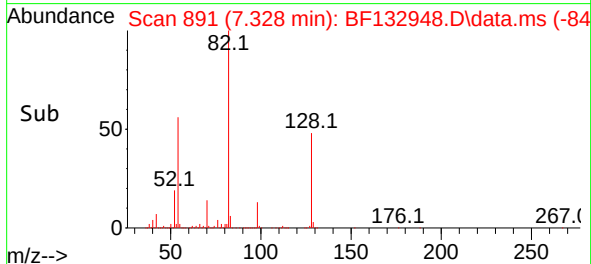
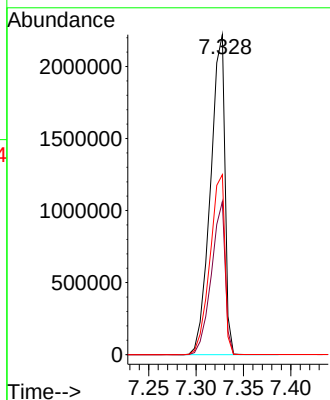
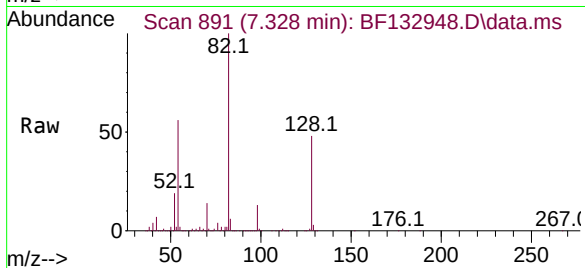




#23
Nitrobenzene-d5
Concen: 91.660 ng
RT: 7.328 min Scan# 89
Delta R.T. 0.000 min
Lab File: BF132948.D
Acq: 20 Apr 2023 21:05

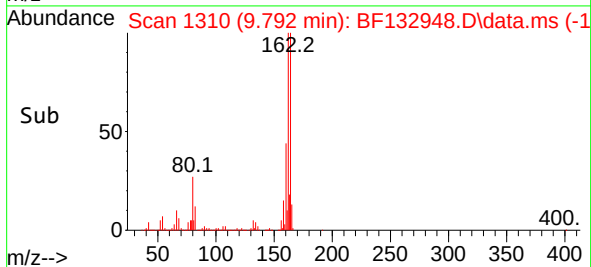
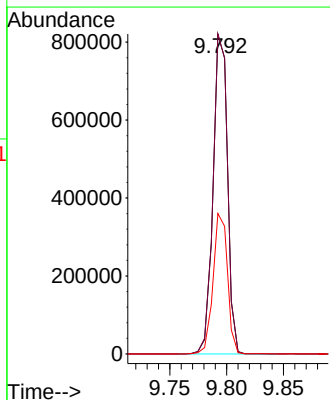
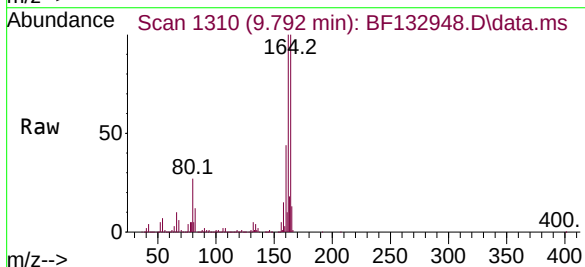
Instrument :
BNA_F
ClientSampleId :
SPB-1WC-23-04-17

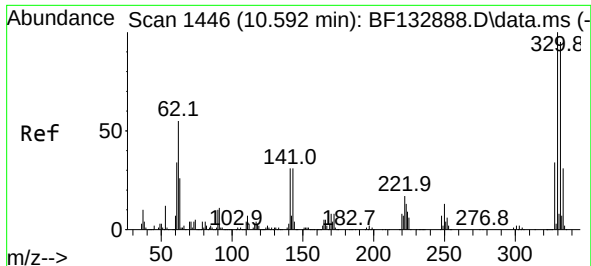
Tgt Ion: 82 Resp: 2362489
Ion Ratio Lower Upper
82 100
128 47.8 35.7 53.5
54 56.2 44.7 67.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF132948.D
Acq: 20 Apr 2023 21:05

Tgt Ion:164 Resp: 722365
Ion Ratio Lower Upper
164 100
162 100.1 79.1 118.7
160 43.9 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 152.660 ng

RT: 10.586 min Scan# 1445

Delta R.T. 0.000 min

Lab File: BF132948.D

Acq: 20 Apr 2023 21:05

Instrument :

BNA_F

ClientSampleId :

SPB-1WC-23-04-17

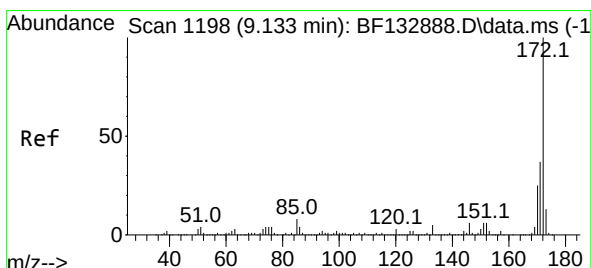
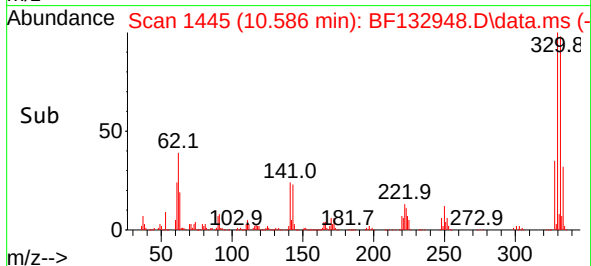
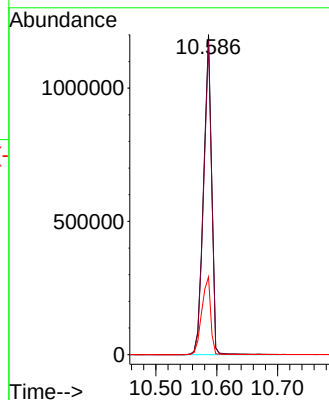
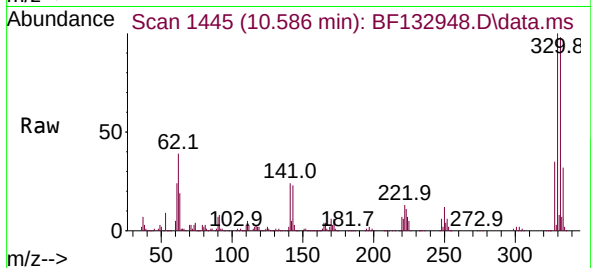
Tgt Ion:330 Resp: 1106077

Ion Ratio Lower Upper

330 100

332 97.0 76.3 114.5

141 26.8 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 80.447 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF132948.D

Acq: 20 Apr 2023 21:05

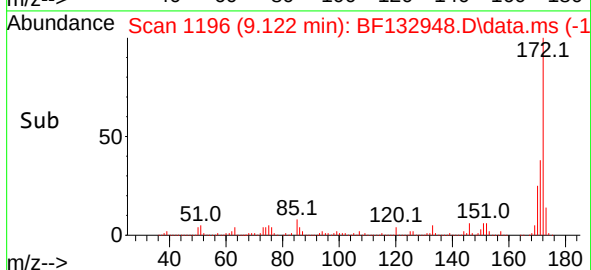
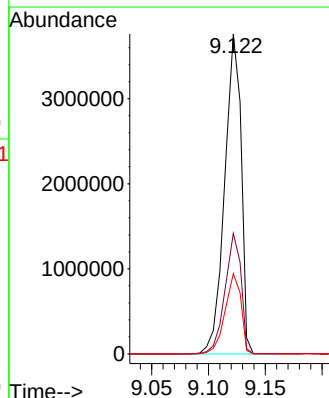
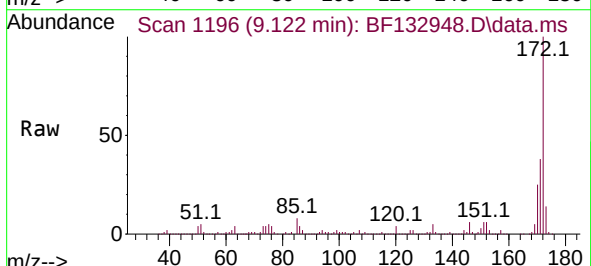
Tgt Ion:172 Resp: 3782815

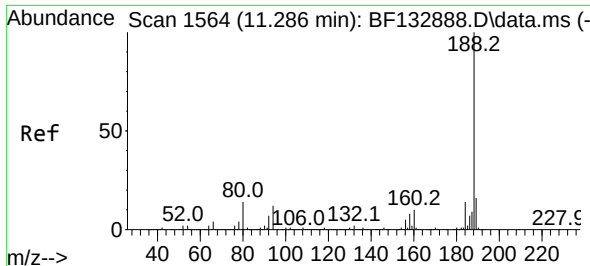
Ion Ratio Lower Upper

172 100

171 37.7 29.4 44.0

170 25.1 20.1 30.1

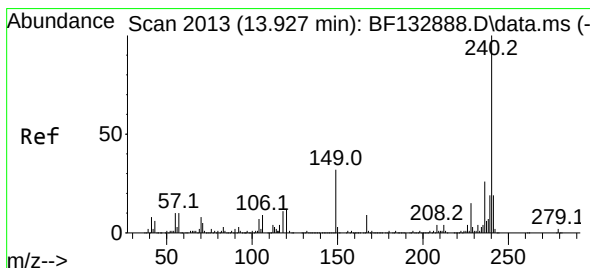
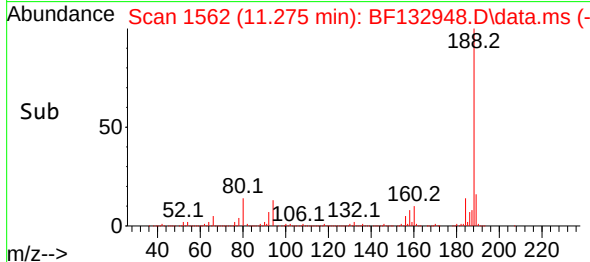
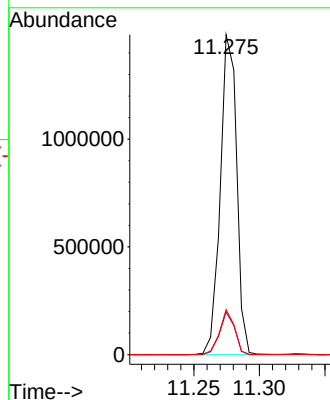
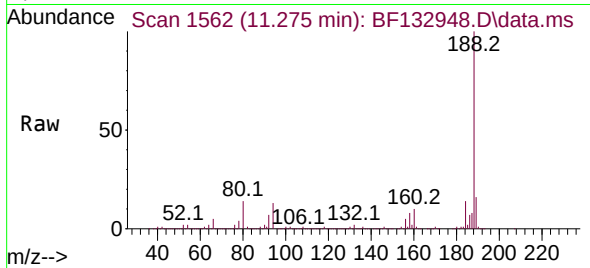




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132948.D
Acq: 20 Apr 2023 21:05

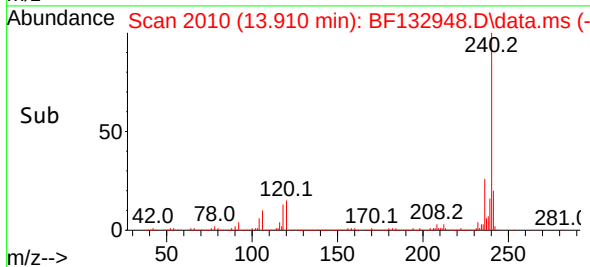
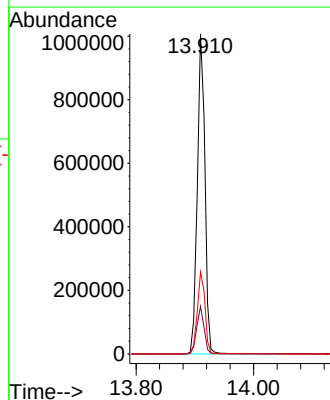
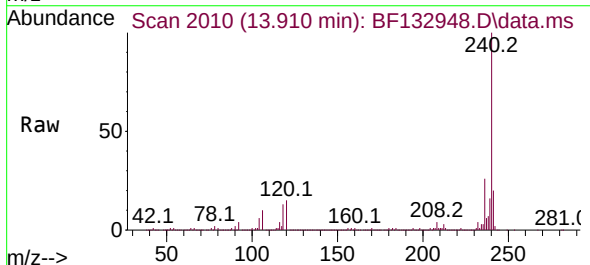
Instrument :
BNA_F
ClientSampleId :
SPB-1WC-23-04-17

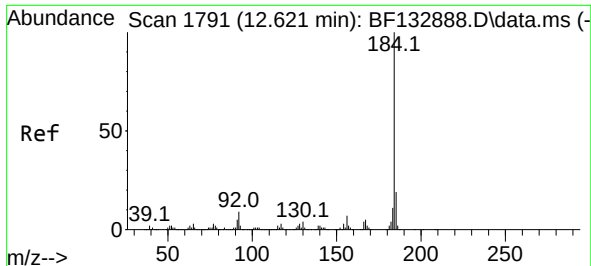
Tgt Ion:188 Resp: 1294868
Ion Ratio Lower Upper
188 100
94 13.3 9.9 14.9
80 14.1 10.8 16.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF132948.D
Acq: 20 Apr 2023 21:05

Tgt Ion:240 Resp: 902436
Ion Ratio Lower Upper
240 100
120 14.8 10.0 15.0
236 25.6 20.8 31.2

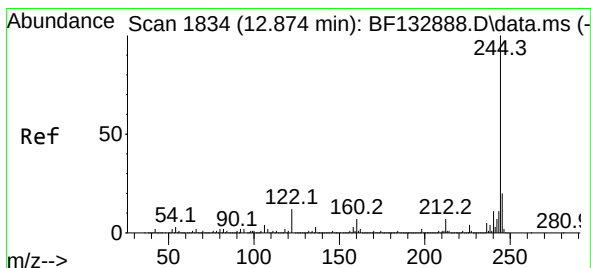
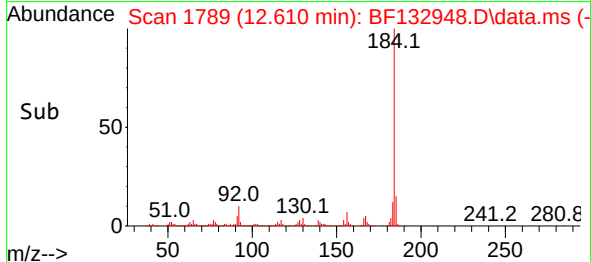
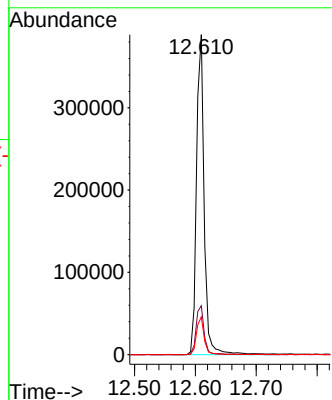
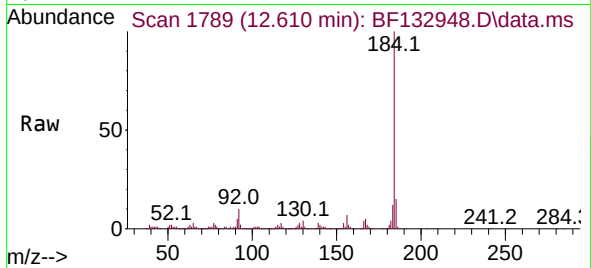




#77
Benzidine
Concen: 24.325 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF132948.D
Acq: 20 Apr 2023 21:05

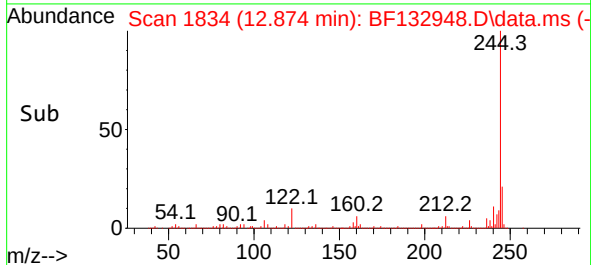
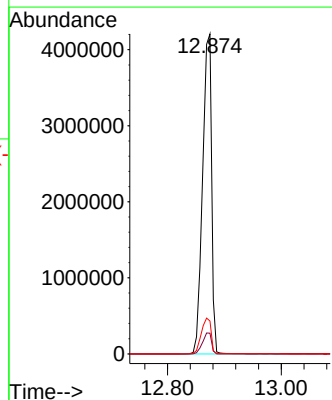
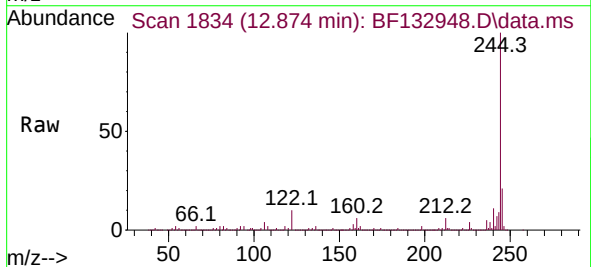
Instrument :
BNA_F
ClientSampleId :
SPB-1WC-23-04-17

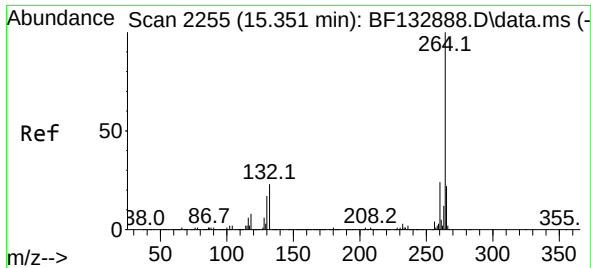
Tgt Ion:184 Resp: 341951
Ion Ratio Lower Upper
184 100
185 15.3 14.9 22.3
183 11.8 9.0 13.6



#79
Terphenyl-d14
Concen: 87.239 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.006 min
Lab File: BF132948.D
Acq: 20 Apr 2023 21:05

Tgt Ion:244 Resp: 4614556
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 10.3 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.339 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF132948.D
 Acq: 20 Apr 2023 21:05

Instrument :
 BNA_F
 ClientSampleId :
 SPB-1WC-23-04-17

Tgt Ion:264 Resp: 744931
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 21.8 17.7 26.5

