

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
 Data File : BF132902.D
 Acq On : 18 Apr 2023 15:53
 Operator : CG\JU
 Sample : 02371-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-COMP

Quant Time: Apr 18 16:43:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 04:51:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	230534	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	948608	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	494729	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	926795	20.000	ng	0.00
76) Chrysene-d12	13.915	240	747375	20.000	ng	-0.01
86) Perylene-d12	15.345	264	679452	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1019537	69.153	ng	0.00
7) Phenol-d6	6.381	99	1315209	69.910	ng	-0.02
23) Nitrobenzene-d5	7.322	82	751635	41.301	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	313927	63.264	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1248267	38.761	ng	-0.01
79) Terphenyl-d14	12.868	244	1552729	35.445	ng	0.00

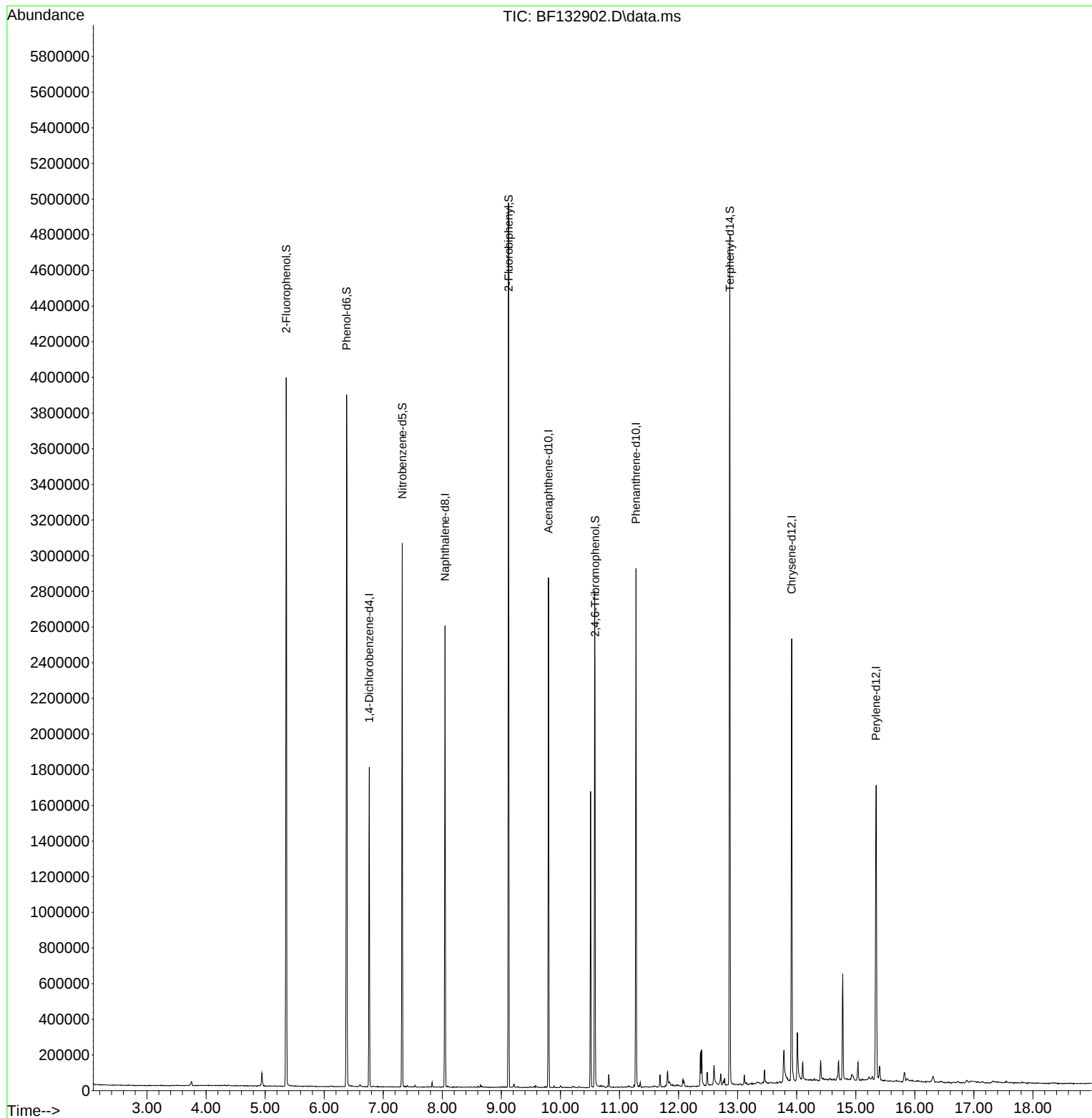
Target Compounds	Qvalue

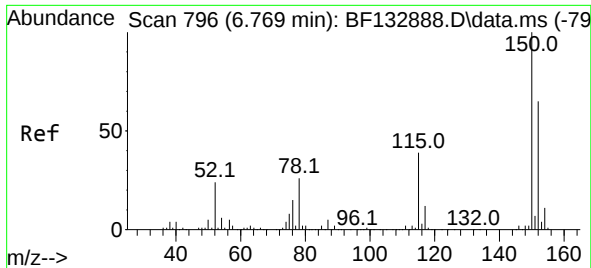
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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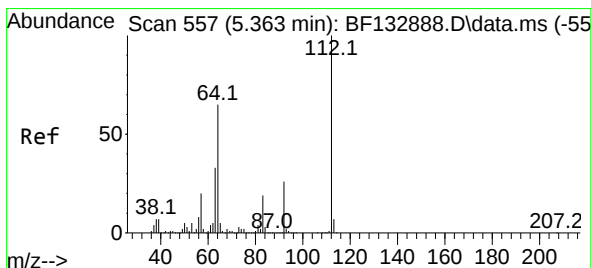
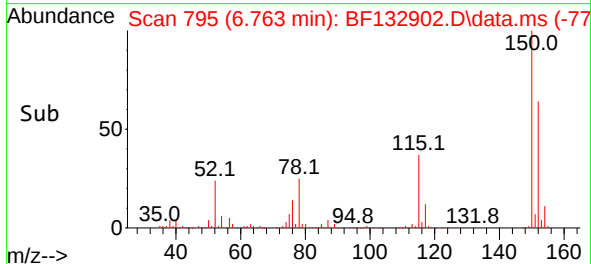
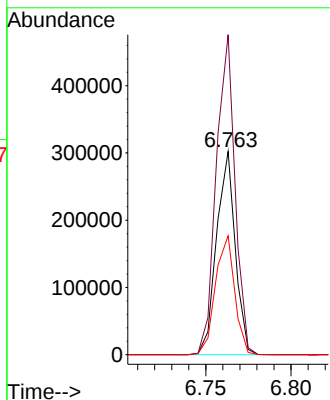
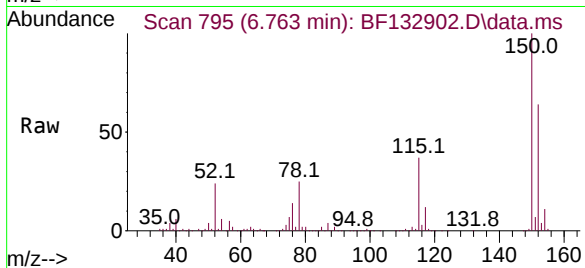




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF132902.D
Acq: 18 Apr 2023 15:53

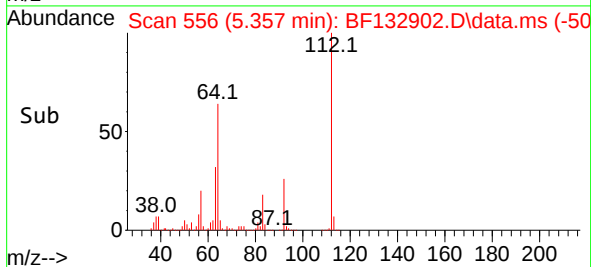
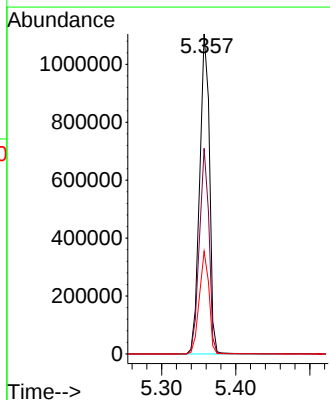
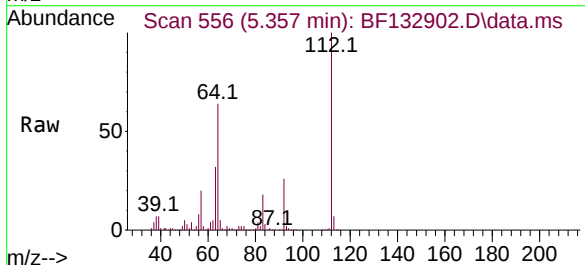
Instrument :
BNA_F
ClientSampleId :
SB-17-COMP

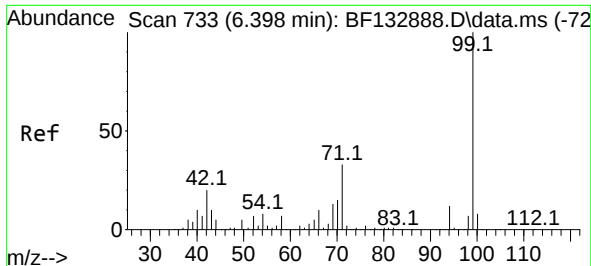
Tgt Ion:152 Resp: 230534
Ion Ratio Lower Upper
152 100
150 157.4 122.8 184.2
115 58.5 47.3 70.9



#5
2-Fluorophenol
Concen: 69.153 ng
RT: 5.357 min Scan# 556
Delta R.T. -0.006 min
Lab File: BF132902.D
Acq: 18 Apr 2023 15:53

Tgt Ion:112 Resp: 1019537
Ion Ratio Lower Upper
112 100
64 64.3 51.8 77.8
63 32.1 26.3 39.5

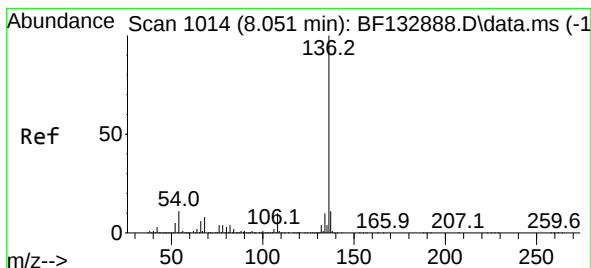
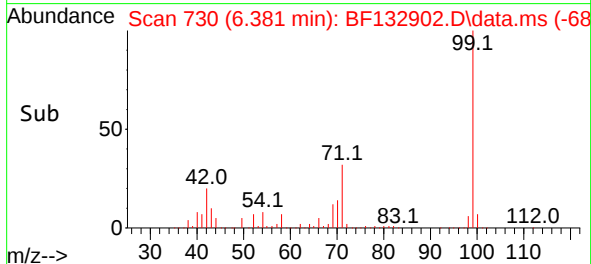
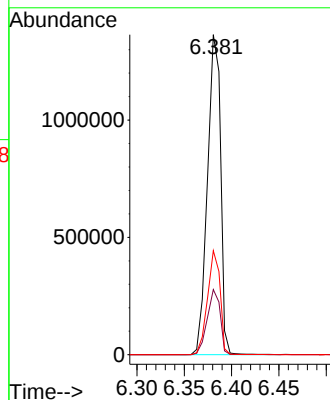
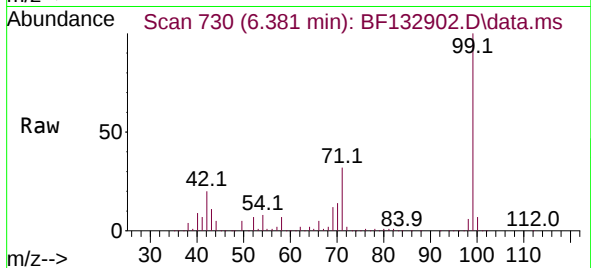




#7
Phenol-d6
Concen: 69.910 ng
RT: 6.381 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF132902.D
Acq: 18 Apr 2023 15:53

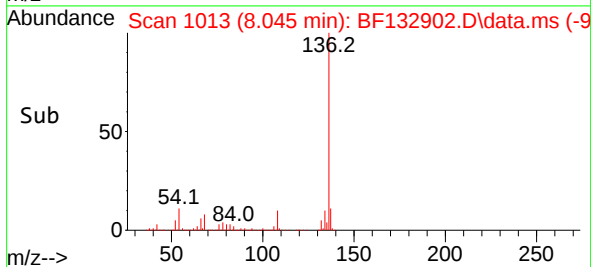
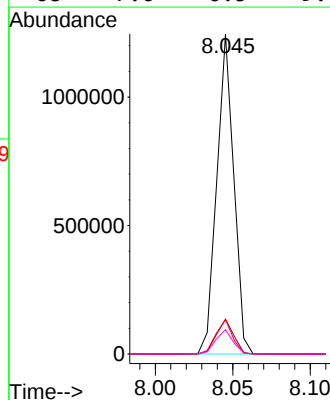
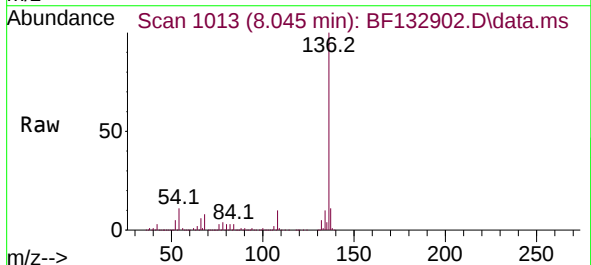
Instrument :
BNA_F
ClientSampleId :
SB-17-COMP

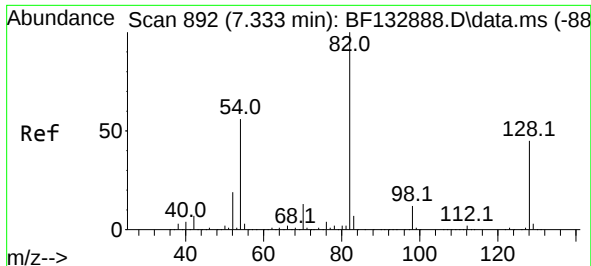
Tgt Ion: 99 Resp: 1315209
Ion Ratio Lower Upper
99 100
42 20.3 16.1 24.1
71 32.5 26.1 39.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF132902.D
Acq: 18 Apr 2023 15:53

Tgt Ion: 136 Resp: 948608
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 10.6 8.9 13.3
68 7.6 6.5 9.7





#23

Nitrobenzene-d5

Concen: 41.301 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF132902.D

Acq: 18 Apr 2023 15:53

Instrument :

BNA_F

ClientSampleId :

SB-17-COMP

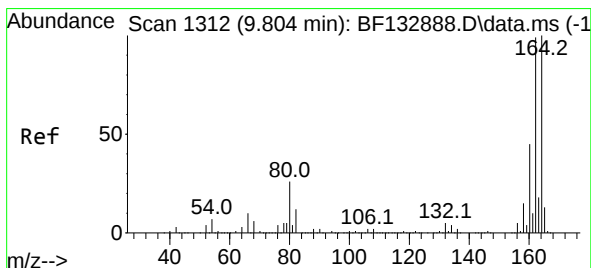
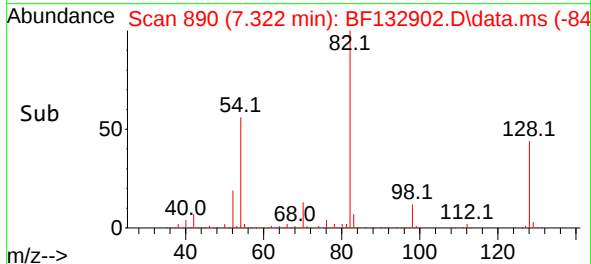
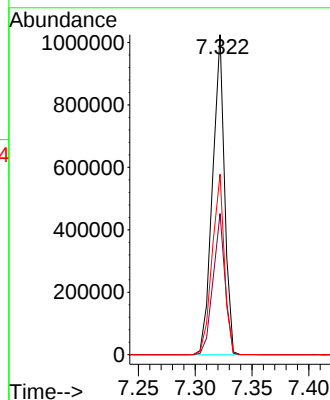
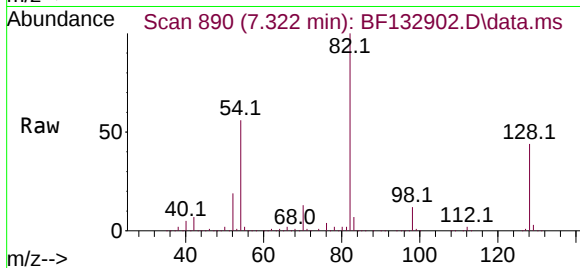
Tgt Ion: 82 Resp: 751635

Ion Ratio Lower Upper

82 100

128 44.1 35.7 53.5

54 56.4 44.7 67.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BF132902.D

Acq: 18 Apr 2023 15:53

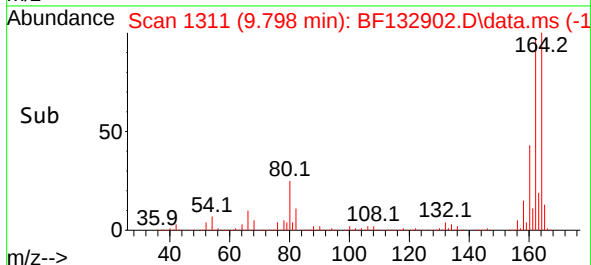
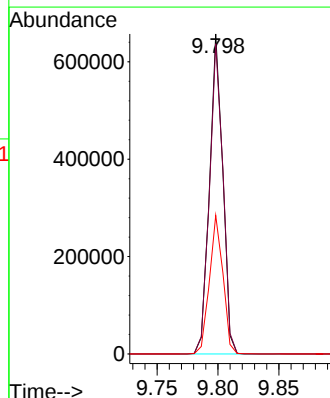
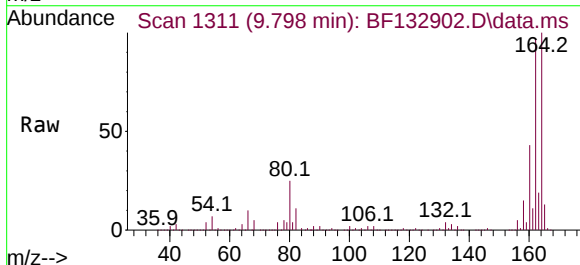
Tgt Ion:164 Resp: 494729

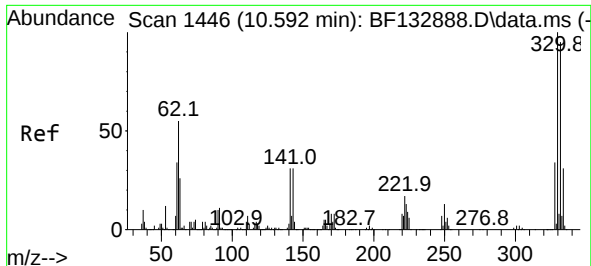
Ion Ratio Lower Upper

164 100

162 96.9 79.1 118.7

160 43.3 35.6 53.4

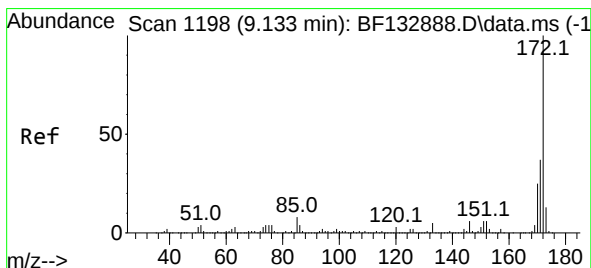
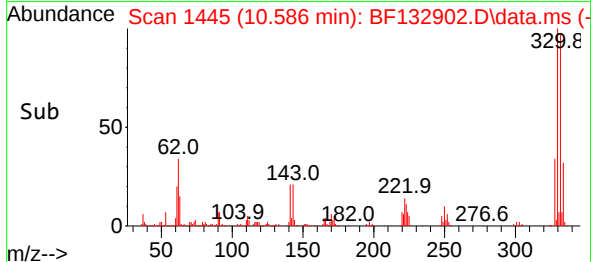
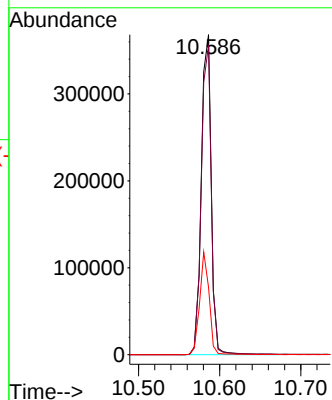
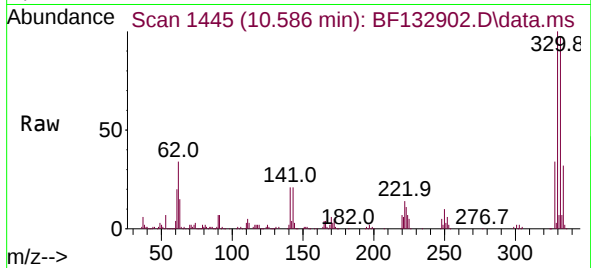




#42
 2,4,6-Tribromophenol
 Concen: 63.264 ng
 RT: 10.586 min Scan# 1445
 Delta R.T. -0.006 min
 Lab File: BF132902.D
 Acq: 18 Apr 2023 15:53

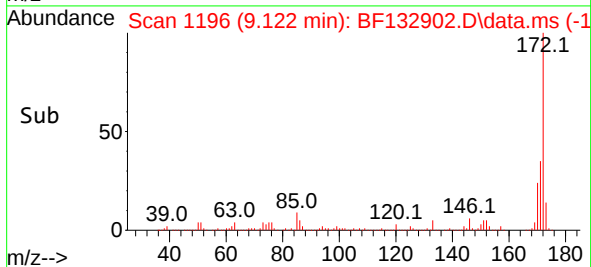
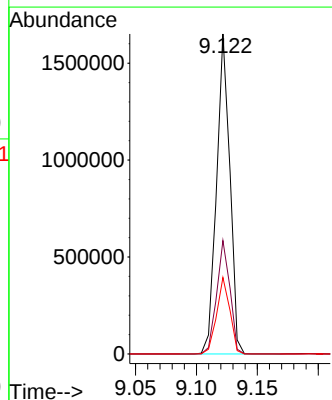
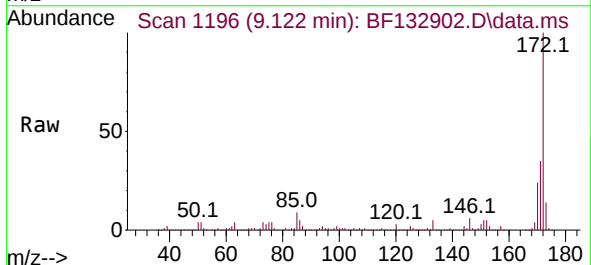
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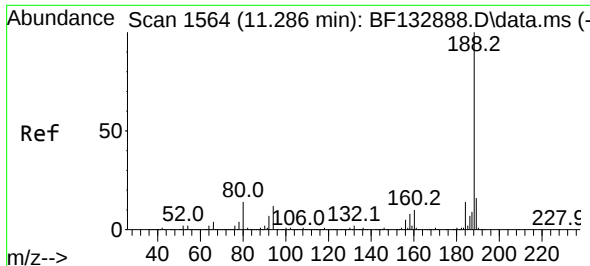
Tgt Ion:330 Resp: 313927
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.3 114.5
 141 30.6 23.9 35.9



#45
 2-Fluorobiphenyl
 Concen: 38.761 ng
 RT: 9.122 min Scan# 1196
 Delta R.T. -0.012 min
 Lab File: BF132902.D
 Acq: 18 Apr 2023 15:53

Tgt Ion:172 Resp: 1248267
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.4 44.0
 170 23.9 20.1 30.1

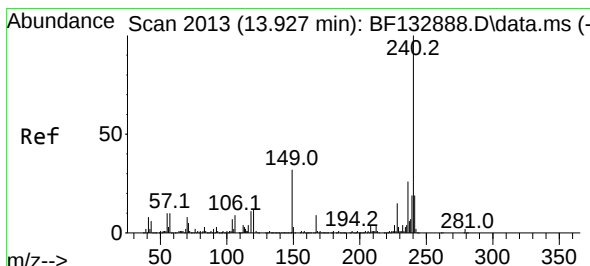
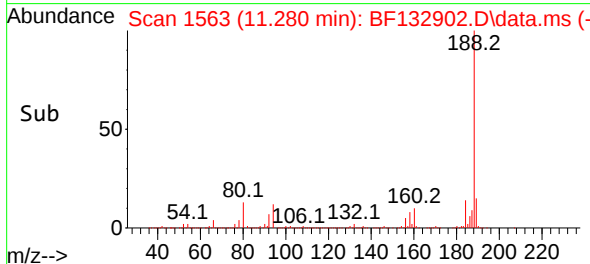
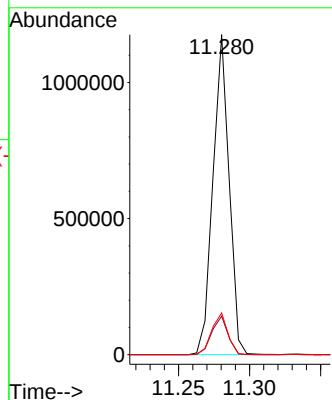
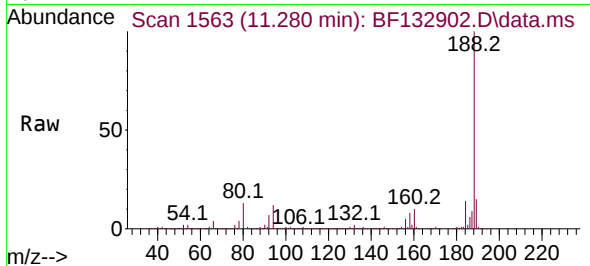




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132902.D
Acq: 18 Apr 2023 15:53

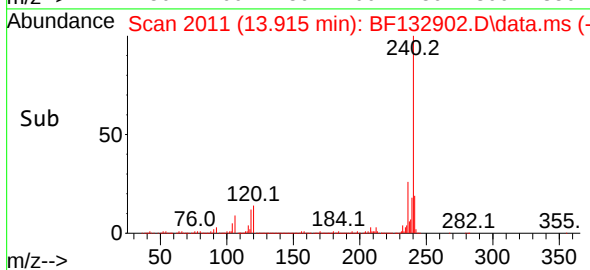
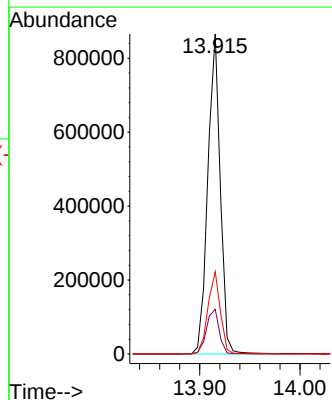
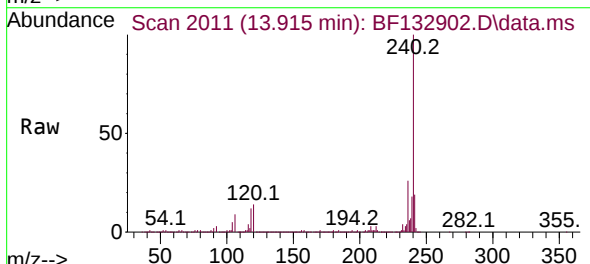
Instrument :
BNA_F
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SB-17-COMP

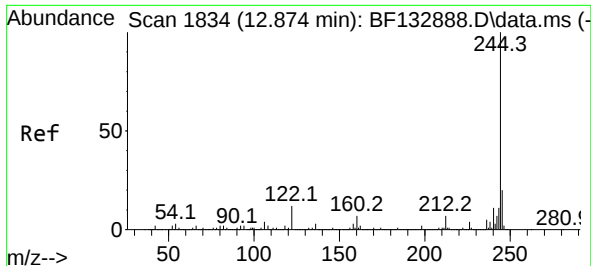
Tgt Ion:188 Resp: 926795
Ion Ratio Lower Upper
188 100
94 12.0 9.9 14.9
80 13.0 10.8 16.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.915 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF132902.D
Acq: 18 Apr 2023 15:53

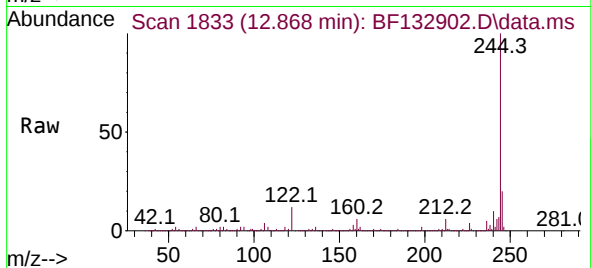
Tgt Ion:240 Resp: 747375
Ion Ratio Lower Upper
240 100
120 14.0 10.0 15.0
236 25.7 20.8 31.2



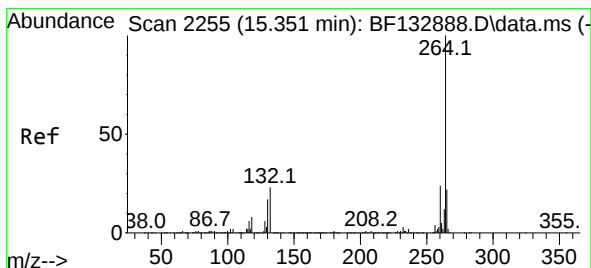
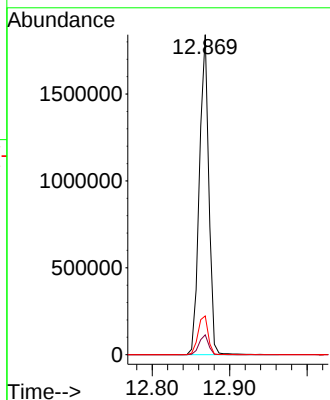
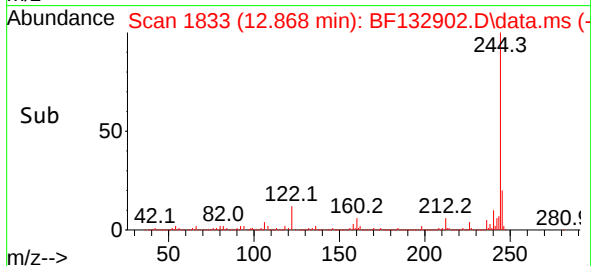


#79
 Terphenyl-d14
 Concen: 35.445 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.006 min
 Lab File: BF132902.D
 Acq: 18 Apr 2023 15:53

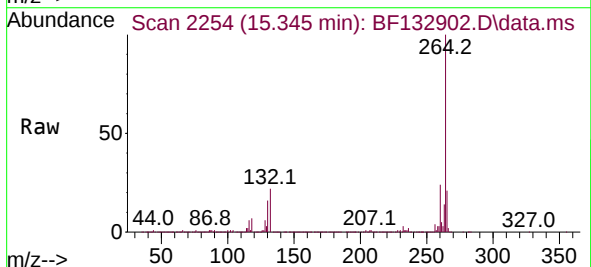
Instrument :
 BNA_F
 ClientSampleId :
 SB-17-COMP



Tgt Ion:244 Resp: 1552729
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 12.1 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.345 min Scan# 2254
 Delta R.T. -0.006 min
 Lab File: BF132902.D
 Acq: 18 Apr 2023 15:53



Tgt Ion:264 Resp: 679452
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 21.1 17.7 26.5

