

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
 Data File : BF132909.D
 Acq On : 18 Apr 2023 19:30
 Operator : CG\JU
 Sample : 02371-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

Quant Time: Apr 19 03:28:43 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	235895	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	942723	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	484863	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	872165	20.000	ng	0.00
76) Chrysene-d12	13.915	240	615072	20.000	ng	-0.01
86) Perylene-d12	15.345	264	605814	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1282192	84.992	ng	0.00
7) Phenol-d6	6.386	99	1616020	83.948	ng	-0.01
23) Nitrobenzene-d5	7.322	82	974575	53.886	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	403710	83.013	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1726393	54.698	ng	-0.01
79) Terphenyl-d14	12.868	244	2006523	55.657	ng	0.00

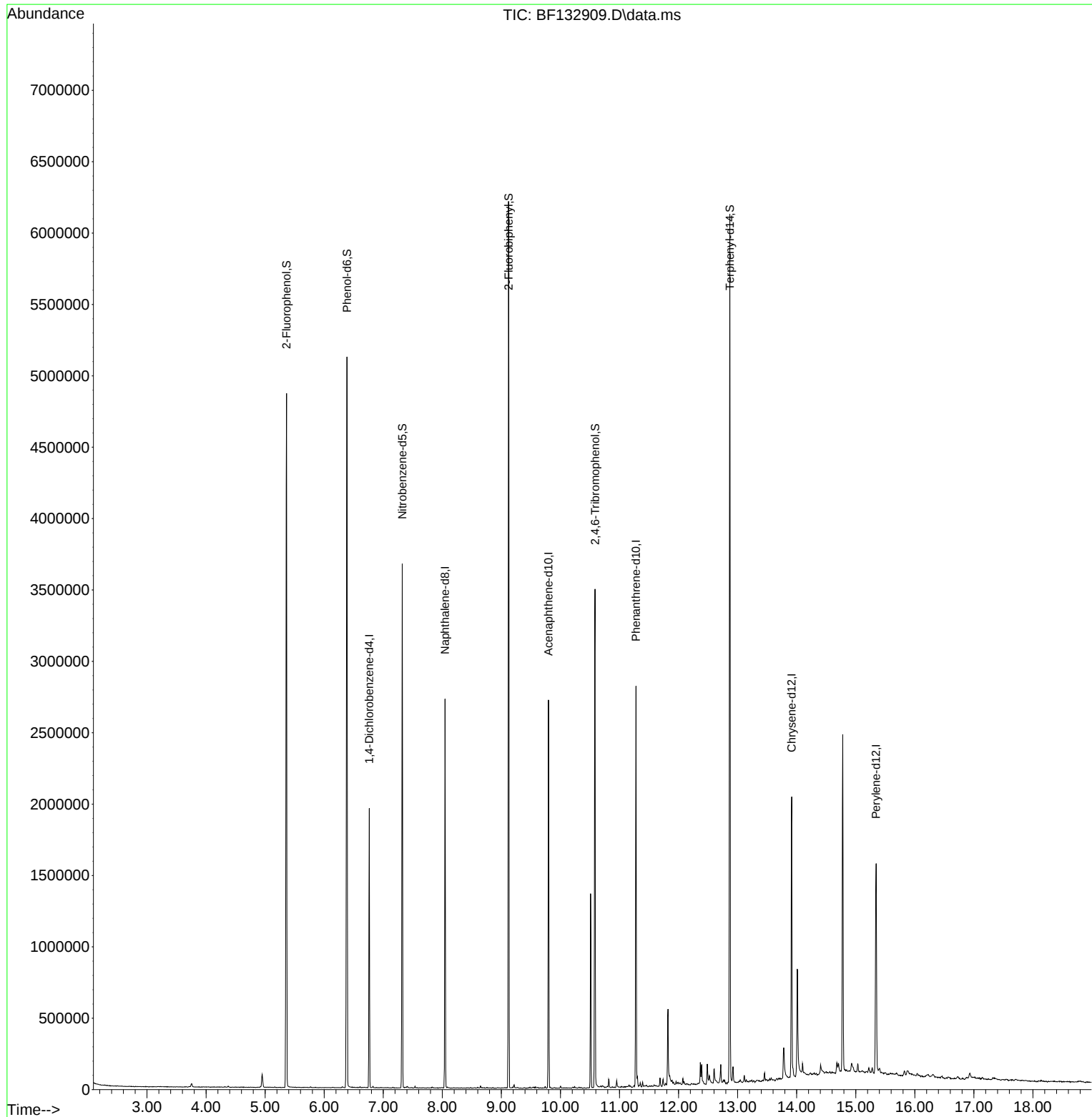
Target Compounds	Qvalue

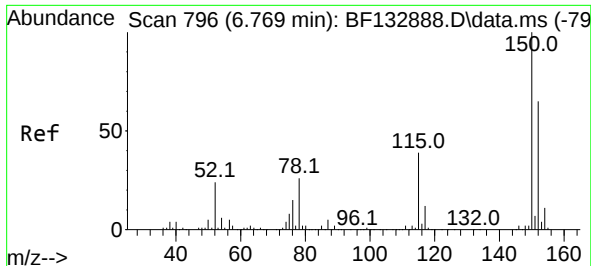
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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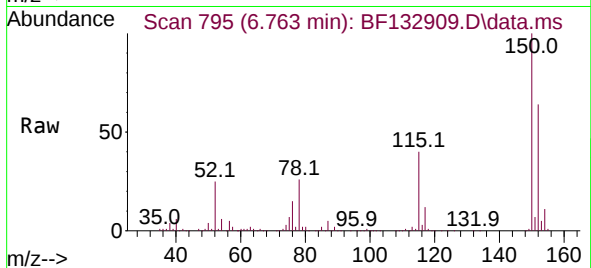
Quant Time: Apr 19 03:28:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
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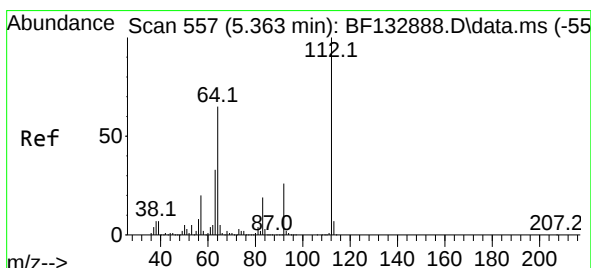
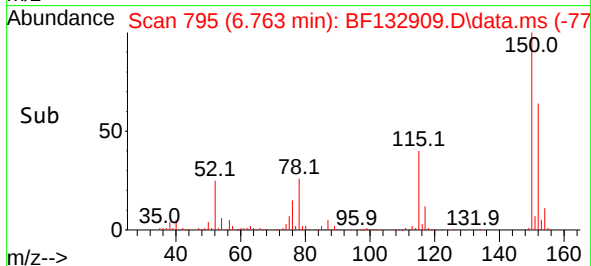
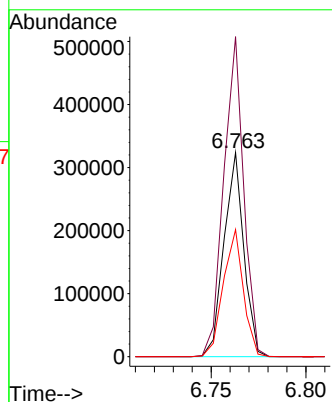


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF132909.D
Acq: 18 Apr 2023 19:30

Instrument :
BNA_F
ClientSampleId :
SB-20-COMP

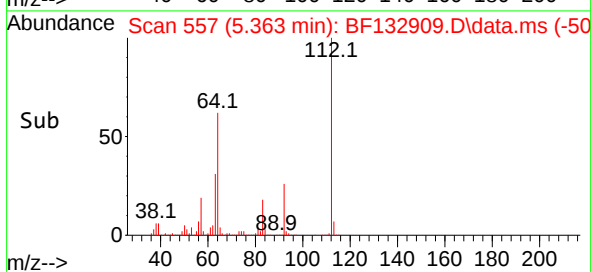
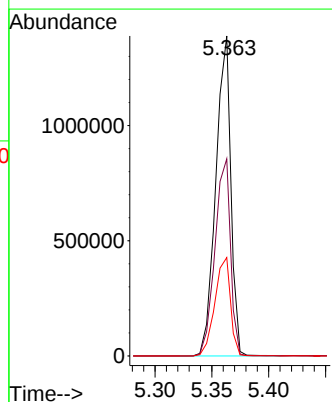
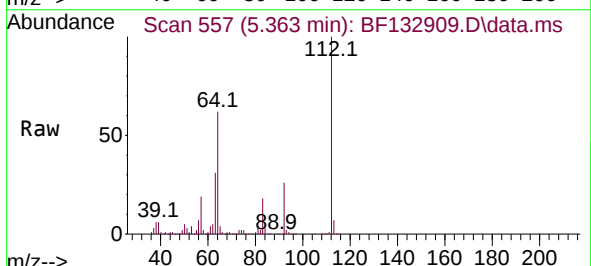


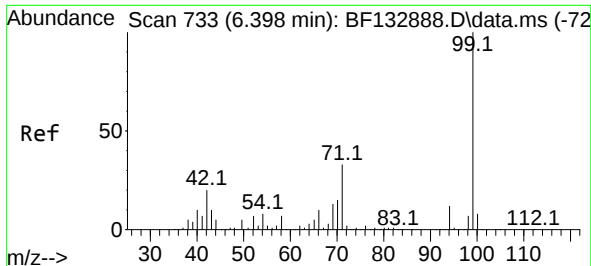
Tgt Ion:152 Resp: 235895
Ion Ratio Lower Upper
152 100
150 156.8 122.8 184.2
115 62.2 47.3 70.9



#5
2-Fluorophenol
Concen: 84.992 ng
RT: 5.363 min Scan# 557
Delta R.T. -0.000 min
Lab File: BF132909.D
Acq: 18 Apr 2023 19:30

Tgt Ion:112 Resp: 1282192
Ion Ratio Lower Upper
112 100
64 61.6 51.8 77.8
63 30.8 26.3 39.5

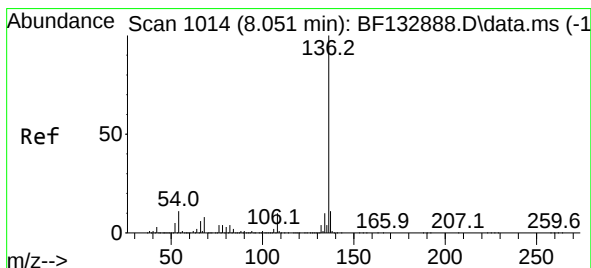
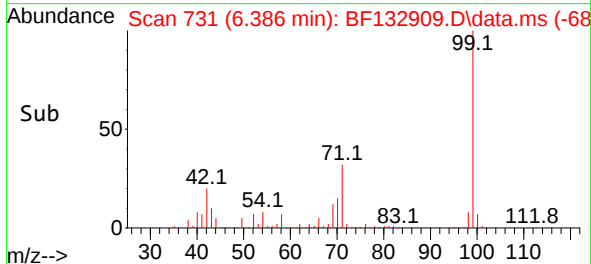
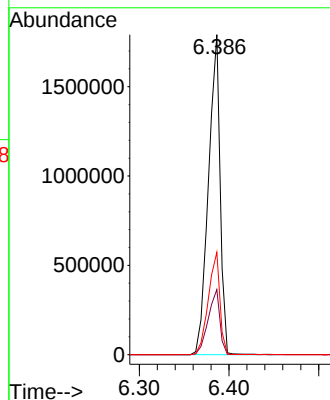
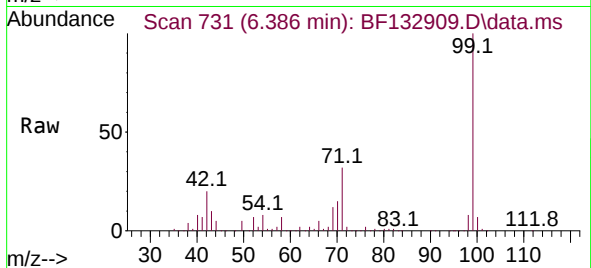




#7
Phenol-d6
Concen: 83.948 ng
RT: 6.386 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132909.D
Acq: 18 Apr 2023 19:30

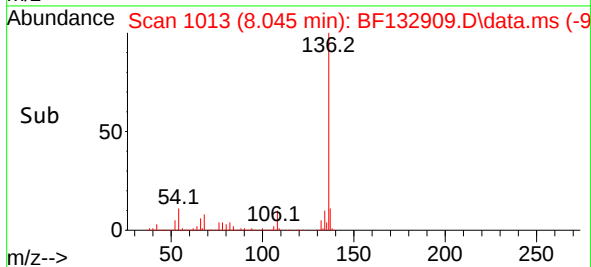
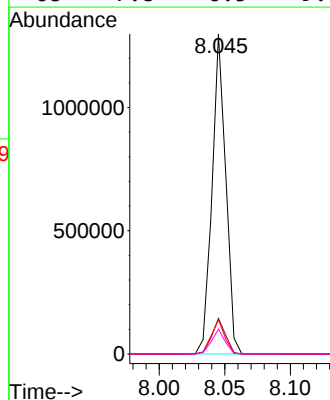
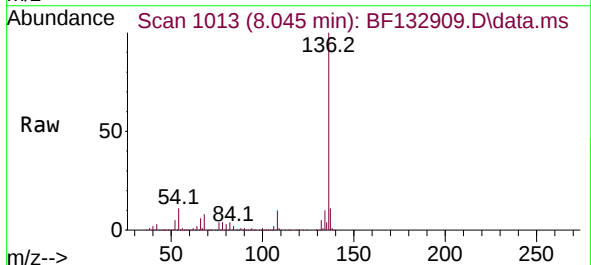
Instrument :
BNA_F
ClientSampleId :
SB-20-COMP

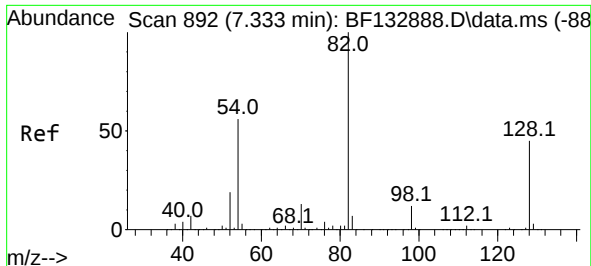
Tgt Ion: 99 Resp: 1616020
Ion Ratio Lower Upper
99 100
42 20.4 16.1 24.1
71 32.0 26.1 39.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF132909.D
Acq: 18 Apr 2023 19:30

Tgt Ion: 136 Resp: 942723
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 10.7 8.9 13.3
68 7.8 6.5 9.7





#23

Nitrobenzene-d5

Concen: 53.886 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF132909.D

Acq: 18 Apr 2023 19:30

Instrument :

BNA_F

ClientSampleId :

SB-20-COMP

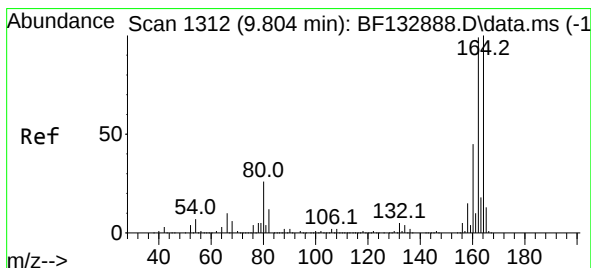
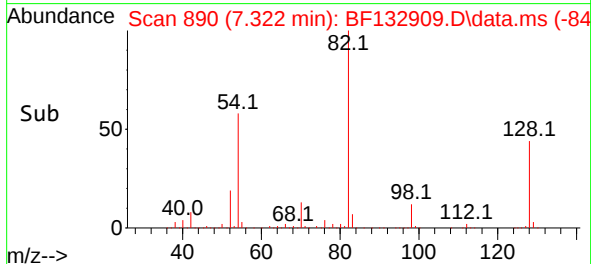
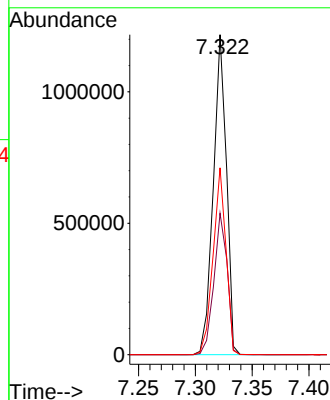
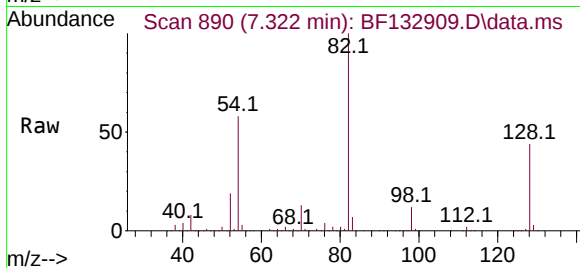
Tgt Ion: 82 Resp: 974575

Ion Ratio Lower Upper

82 100

128 44.2 35.7 53.5

54 58.4 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: BF132909.D

Acq: 18 Apr 2023 19:30

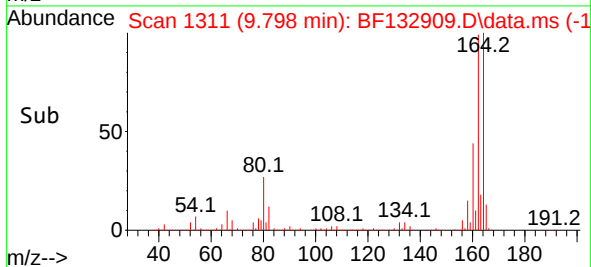
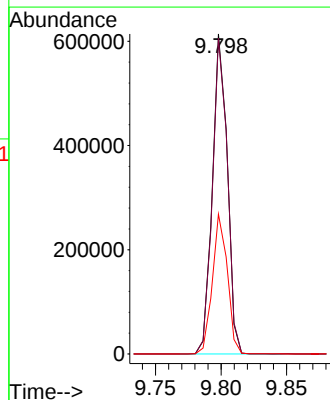
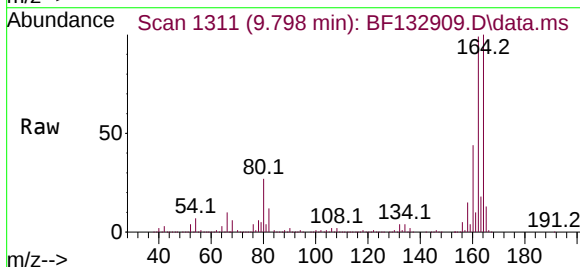
Tgt Ion:164 Resp: 484863

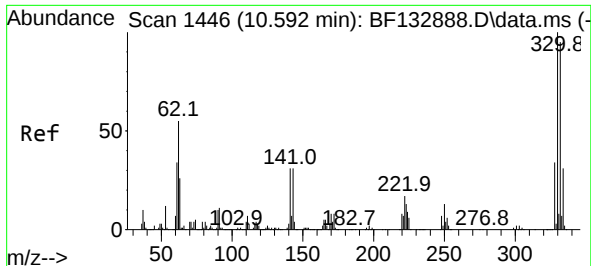
Ion Ratio Lower Upper

164 100

162 98.7 79.1 118.7

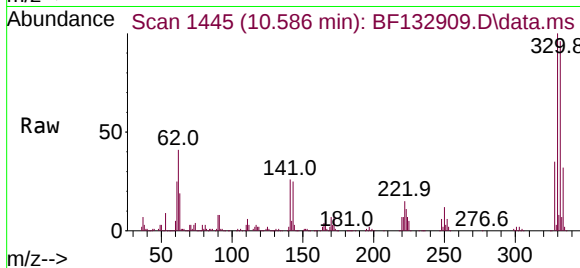
160 43.7 35.6 53.4



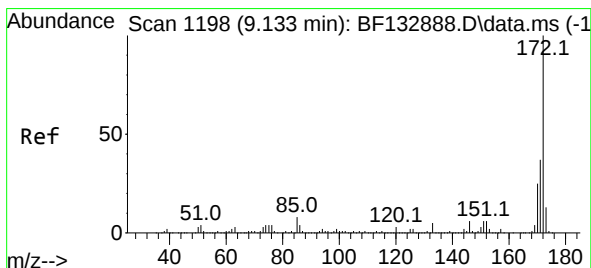
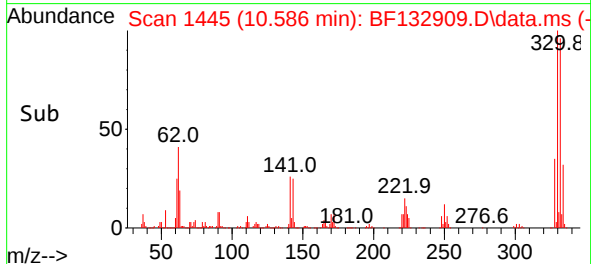
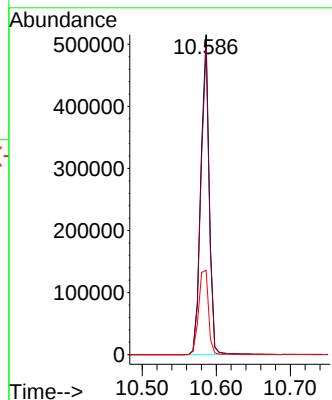


#42
2,4,6-Tribromophenol
Concen: 83.013 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BF132909.D
Acq: 18 Apr 2023 19:30

Instrument :
BNA_F
ClientSampleId :
SB-20-COMP

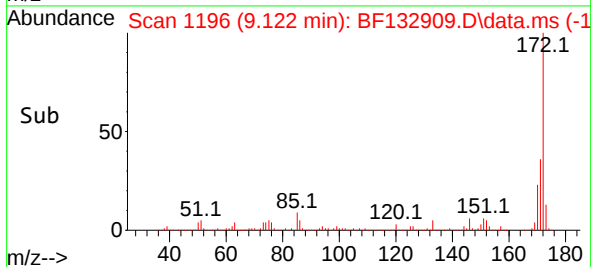
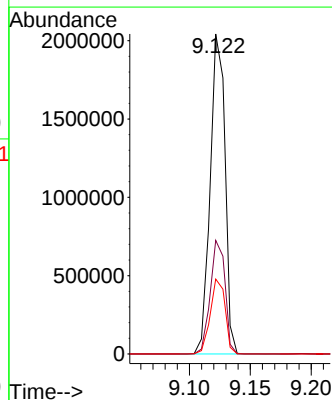
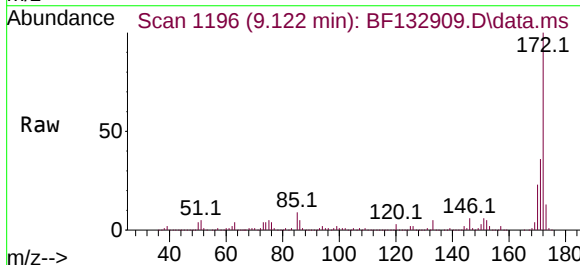


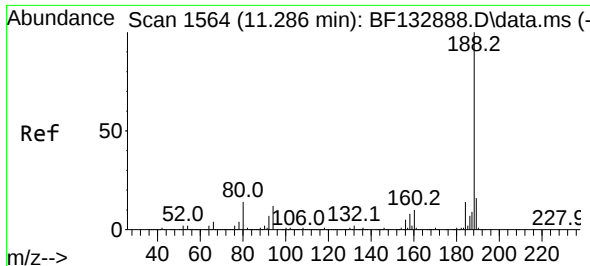
Tgt Ion:330 Resp: 403710
Ion Ratio Lower Upper
330 100
332 95.7 76.3 114.5
141 31.1 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 54.698 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.012 min
Lab File: BF132909.D
Acq: 18 Apr 2023 19:30

Tgt Ion:172 Resp: 1726393
Ion Ratio Lower Upper
172 100
171 35.5 29.4 44.0
170 23.4 20.1 30.1

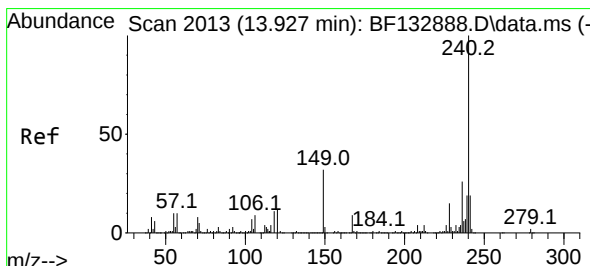
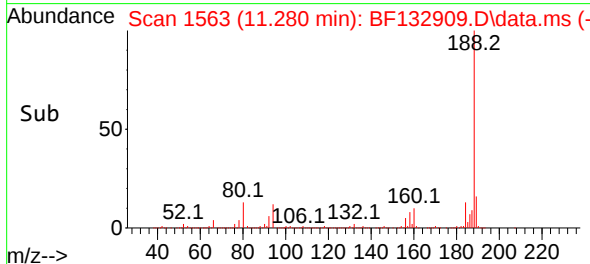
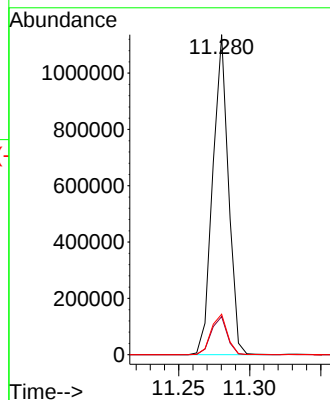
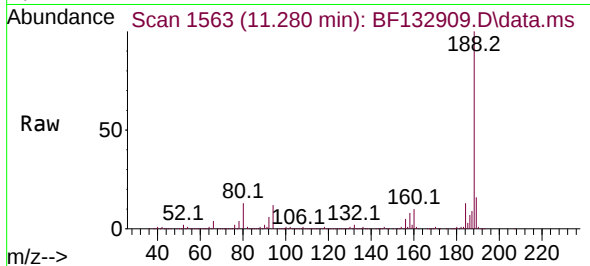




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132909.D
Acq: 18 Apr 2023 19:30

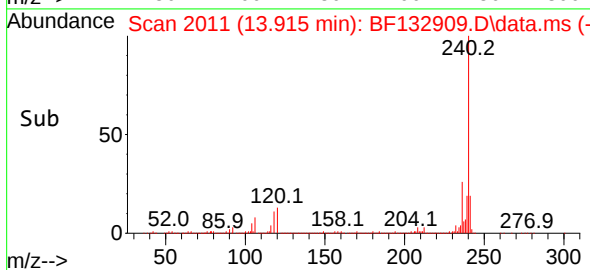
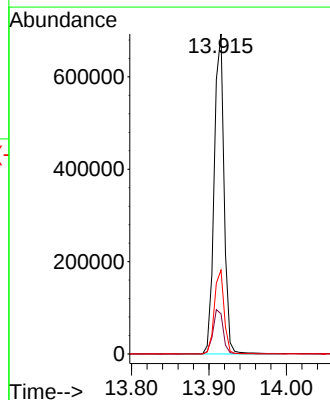
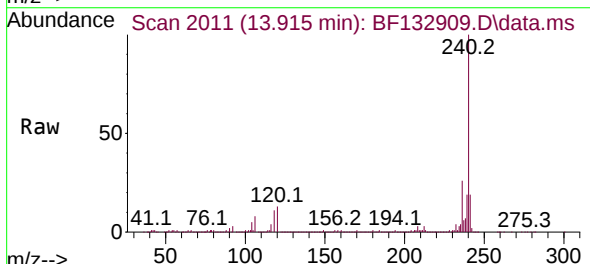
Instrument :
BNA_F
ClientSampleId :
SB-20-COMP

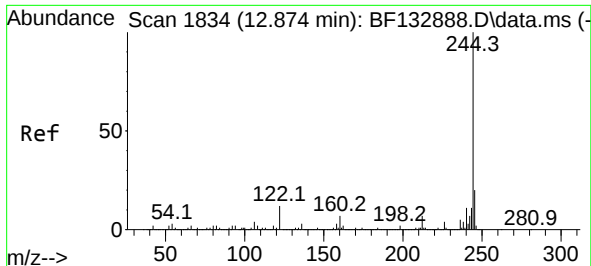
Tgt Ion:188 Resp: 872165
Ion Ratio Lower Upper
188 100
94 11.9 9.9 14.9
80 12.7 10.8 16.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.915 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF132909.D
Acq: 18 Apr 2023 19:30

Tgt Ion:240 Resp: 615072
Ion Ratio Lower Upper
240 100
120 12.6 10.0 15.0
236 26.2 20.8 31.2

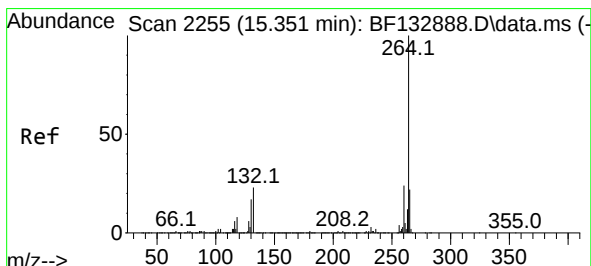
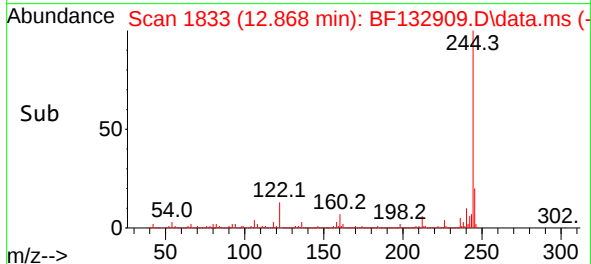
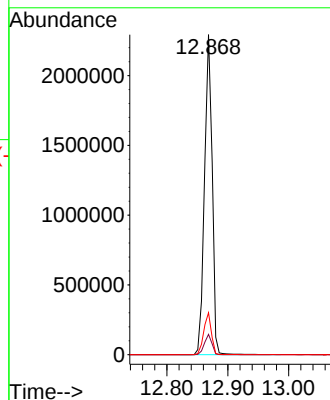
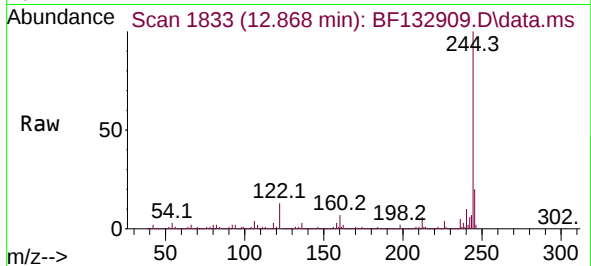




#79
 Terphenyl-d14
 Concen: 55.657 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.006 min
 Lab File: BF132909.D
 Acq: 18 Apr 2023 19:30

Instrument :
 BNA_F
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Tgt Ion:244 Resp: 2006523
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 13.1 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: BF132909.D
 Acq: 18 Apr 2023 19:30

Tgt Ion:264 Resp: 605814
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 22.1 17.7 26.5

