

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
 Data File : BF132908.D
 Acq On : 18 Apr 2023 18:59
 Operator : CG\JU
 Sample : 02371-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-19-COMP

Quant Time: Apr 19 03:28:21 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)

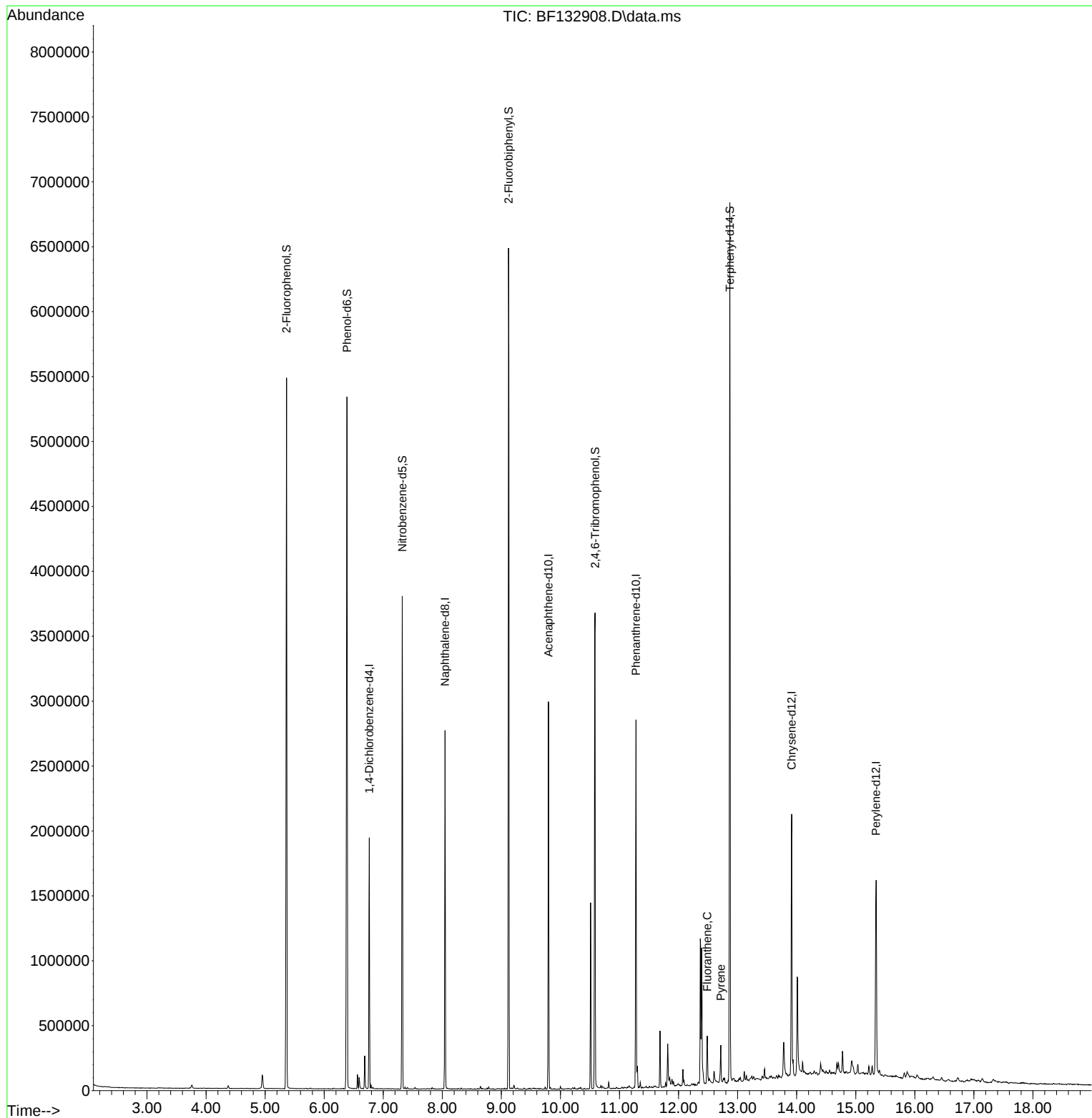
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	244756	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	972119	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	492359	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	898948	20.000	ng	0.00
76) Chrysene-d12	13.916	240	633687	20.000	ng	-0.01
86) Perylene-d12	15.345	264	639176	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1401147	89.515	ng	0.00
7) Phenol-d6	6.387	99	1777089	88.973	ng	-0.01
23) Nitrobenzene-d5	7.322	82	1082324	58.034	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	444938	90.098	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1869002	58.315	ng	-0.01
79) Terphenyl-d14	12.869	244	2176888	58.608	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.486	202	101404	2.109	ng	97
78) Pyrene	12.716	202	103953	2.006	ng	99

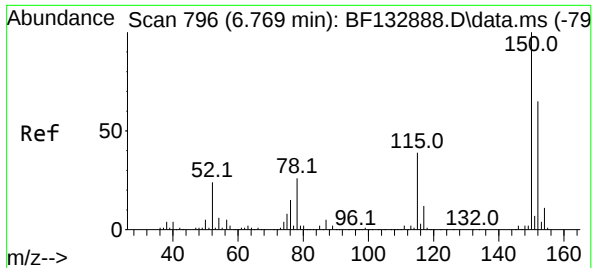
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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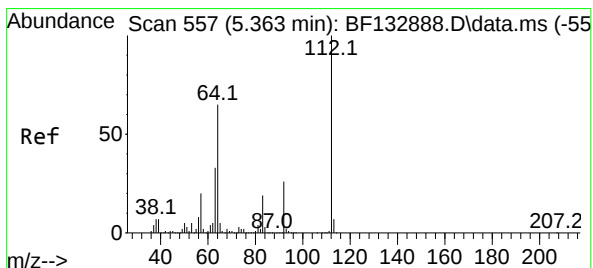
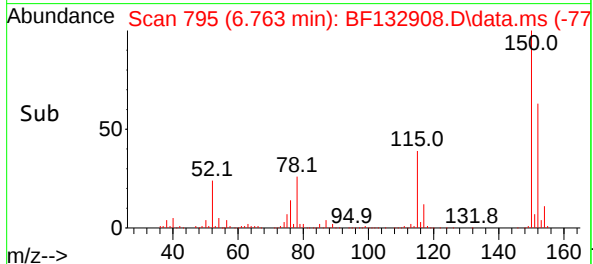
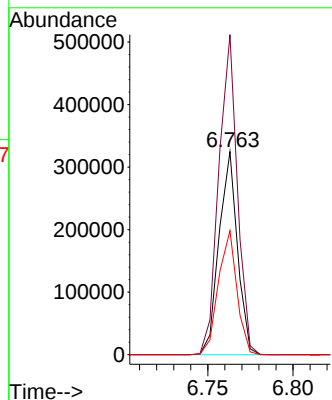
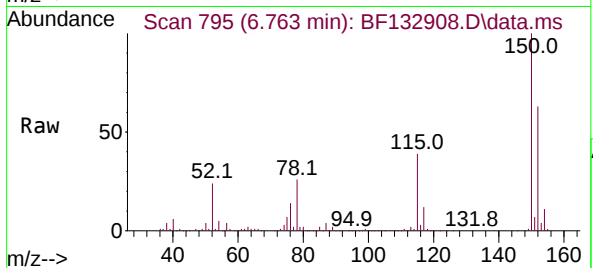




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 796
 Delta R.T. -0.006 min
 Lab File: BF132908.D
 Acq: 18 Apr 2023 18:59

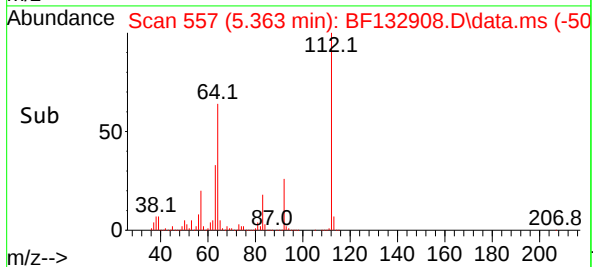
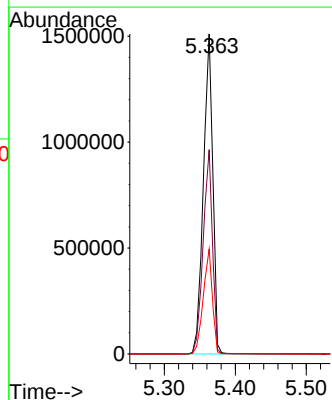
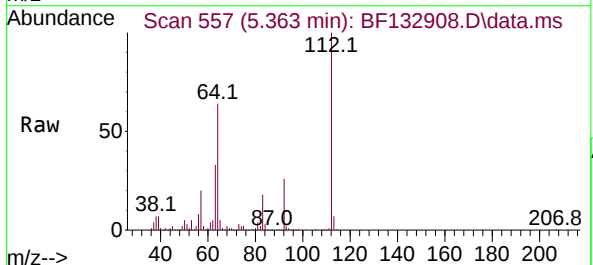
Instrument :
 BNA_F
 ClientSampleId :
 SB-19-COMP

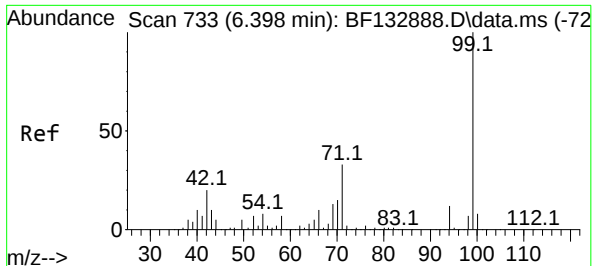
Tgt Ion:152 Resp: 244756
 Ion Ratio Lower Upper
 152 100
 150 157.6 122.8 184.2
 115 61.1 47.3 70.9



#5
 2-Fluorophenol
 Concen: 89.515 ng
 RT: 5.363 min Scan# 557
 Delta R.T. 0.000 min
 Lab File: BF132908.D
 Acq: 18 Apr 2023 18:59

Tgt Ion:112 Resp: 1401147
 Ion Ratio Lower Upper
 112 100
 64 63.8 51.8 77.8
 63 32.8 26.3 39.5

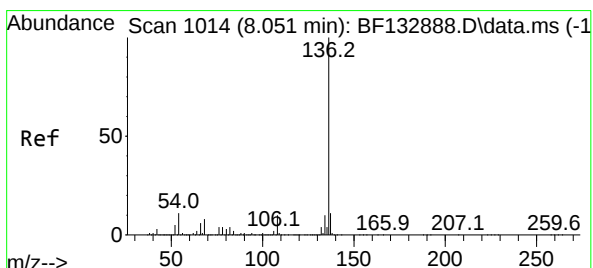
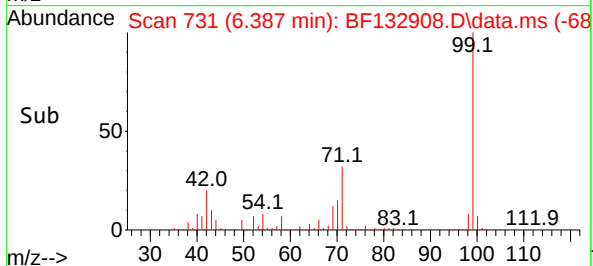
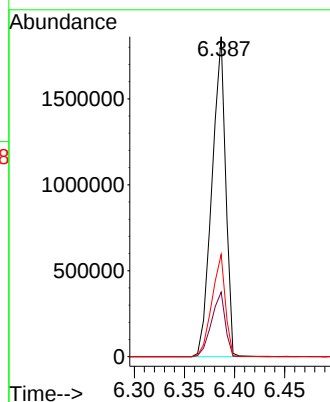
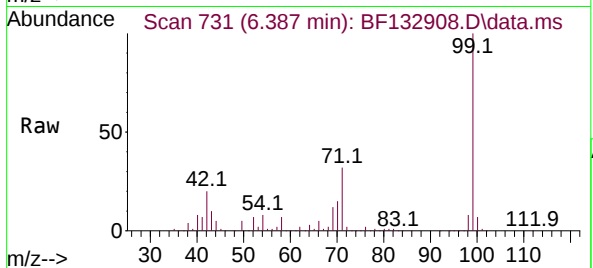




#7
Phenol-d6
Concen: 88.973 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132908.D
Acq: 18 Apr 2023 18:59

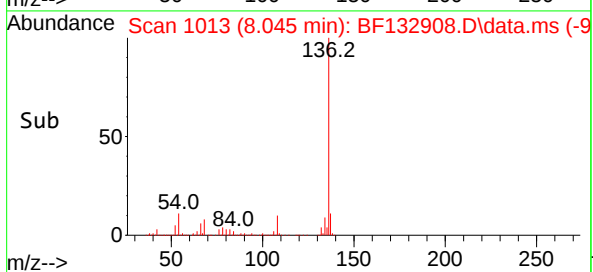
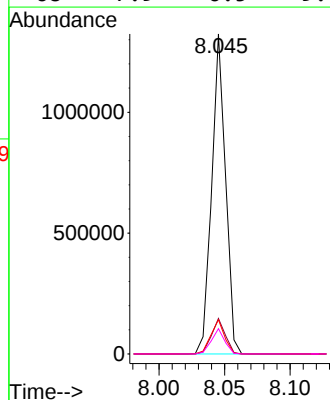
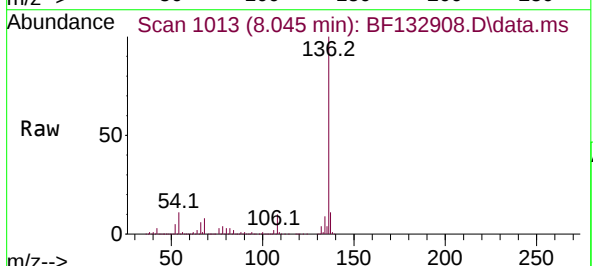
Instrument :
BNA_F
ClientSampleId :
SB-19-COMP

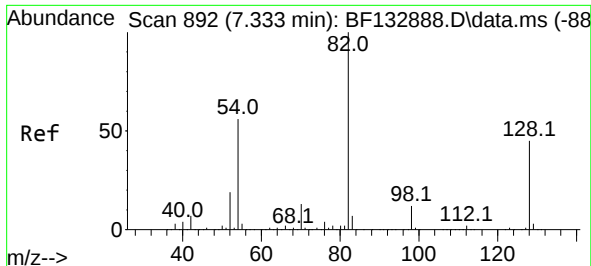
Tgt Ion: 99 Resp: 1777089
Ion Ratio Lower Upper
99 100
42 20.2 16.1 24.1
71 32.0 26.1 39.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF132908.D
Acq: 18 Apr 2023 18:59

Tgt Ion: 136 Resp: 972119
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 10.7 8.9 13.3
68 7.9 6.5 9.7





#23

Nitrobenzene-d5

Concen: 58.034 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF132908.D

Acq: 18 Apr 2023 18:59

Instrument :

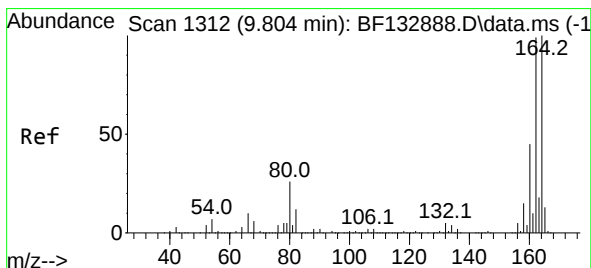
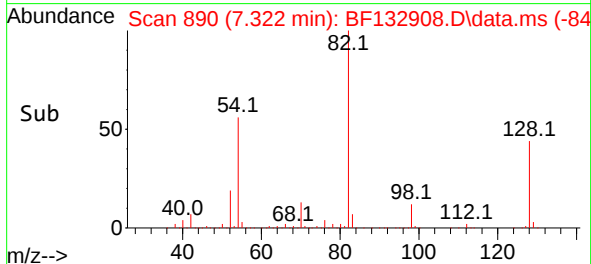
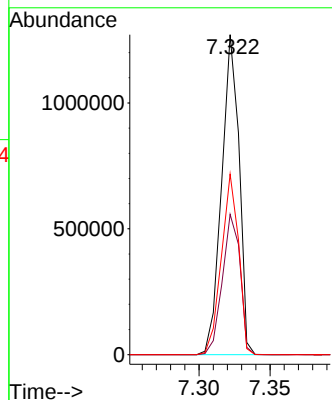
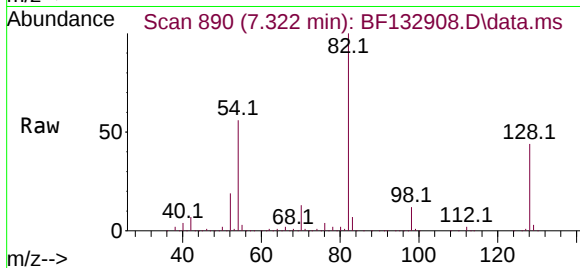
BNA_F

ClientSampleId :

SB-19-COMP

Tgt Ion: 82 Resp: 1082324

Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.7	53.5
54	56.4	44.7	67.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

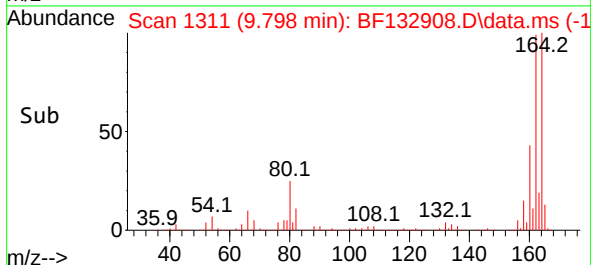
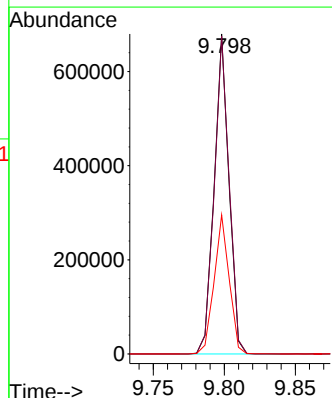
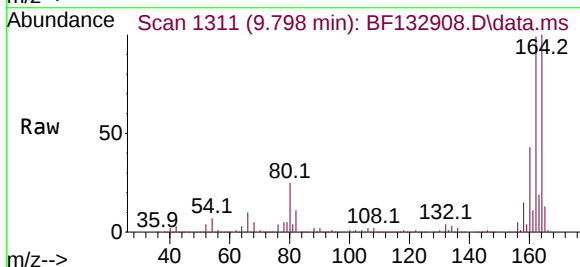
Delta R.T. -0.006 min

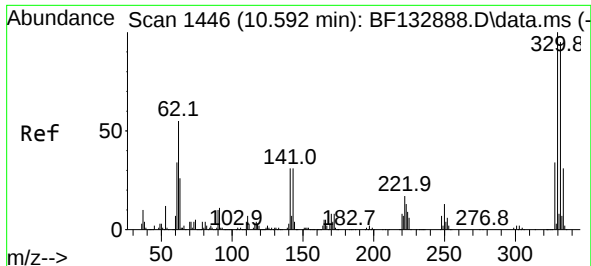
Lab File: BF132908.D

Acq: 18 Apr 2023 18:59

Tgt Ion: 164 Resp: 492359

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.1	118.7
160	43.5	35.6	53.4

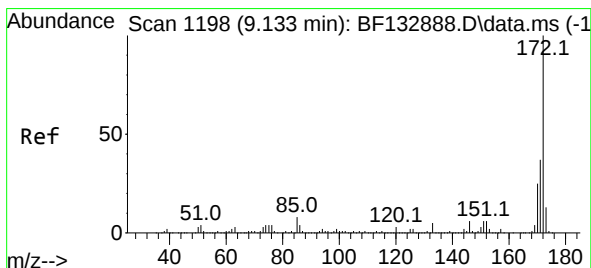
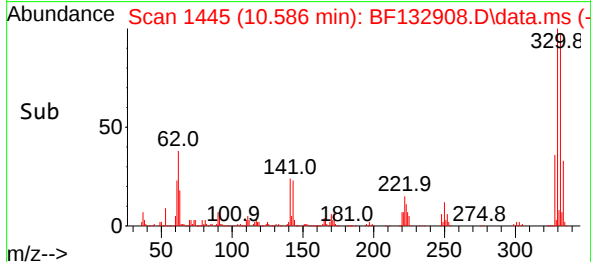
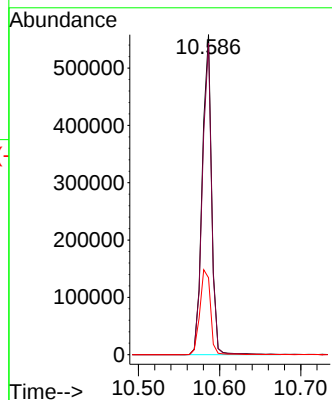
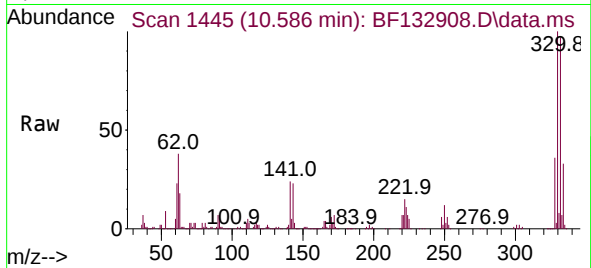




#42
2,4,6-Tribromophenol
Concen: 90.098 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BF132908.D
Acq: 18 Apr 2023 18:59

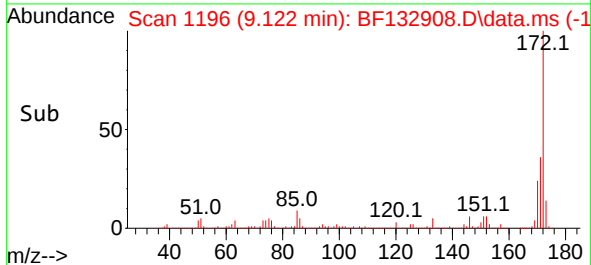
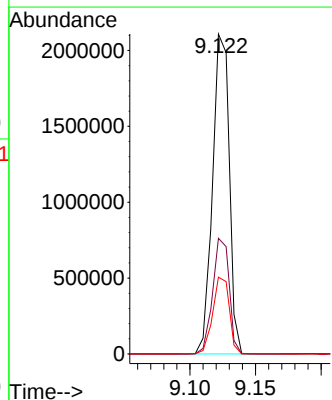
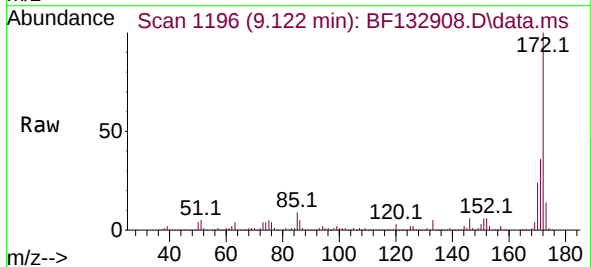
Instrument :
BNA_F
ClientSampleId :
SB-19-COMP

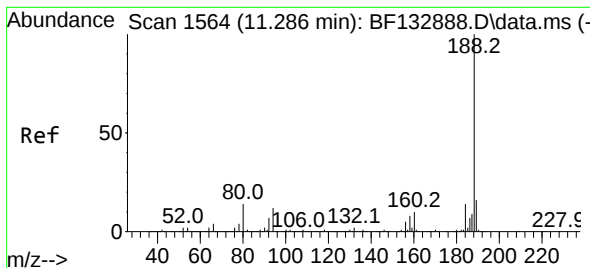
Tgt Ion:330 Resp: 444938
Ion Ratio Lower Upper
330 100
332 96.6 76.3 114.5
141 30.2 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 58.315 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.012 min
Lab File: BF132908.D
Acq: 18 Apr 2023 18:59

Tgt Ion:172 Resp: 1869002
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 24.0 20.1 30.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132908.D

Acq: 18 Apr 2023 18:59

Instrument :

BNA_F

ClientSampleId :

SB-19-COMP

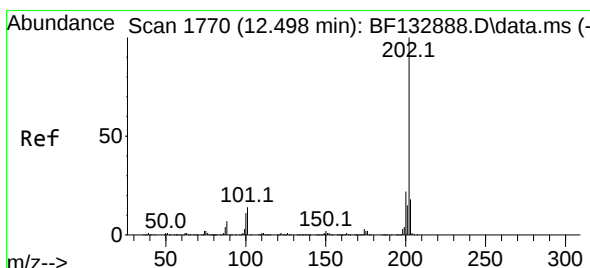
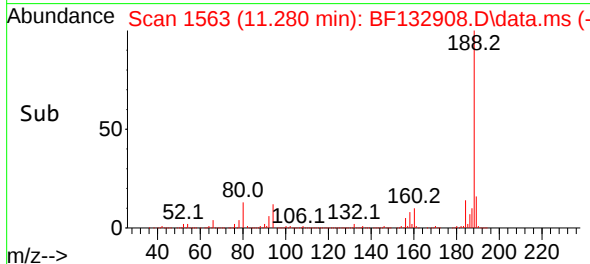
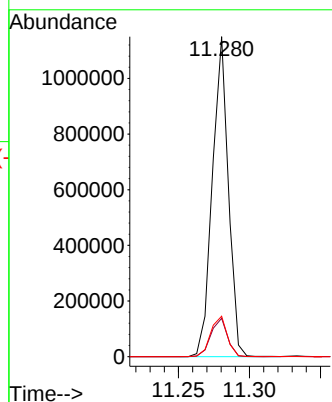
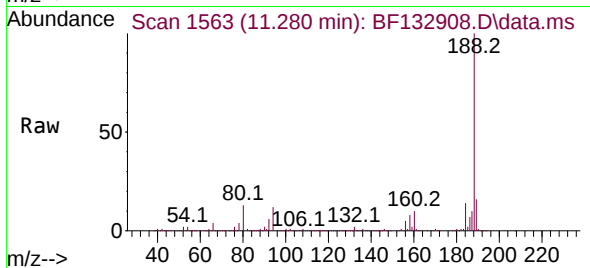
Tgt Ion:188 Resp: 898948

Ion Ratio Lower Upper

188 100

94 12.0 9.9 14.9

80 12.6 10.8 16.2



#75

Fluoranthene

Concen: 2.109 ng

RT: 12.486 min Scan# 1768

Delta R.T. -0.012 min

Lab File: BF132908.D

Acq: 18 Apr 2023 18:59

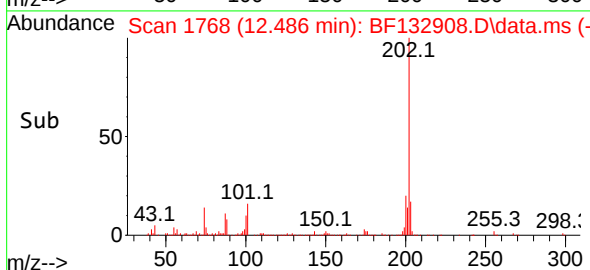
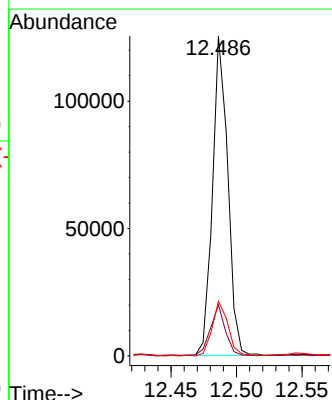
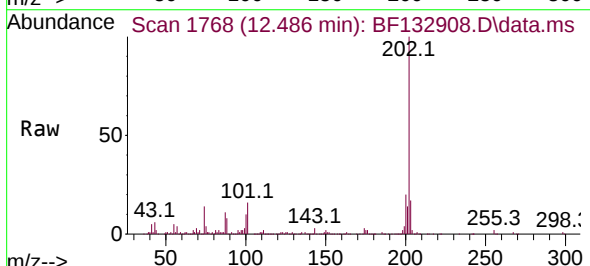
Tgt Ion:202 Resp: 101404

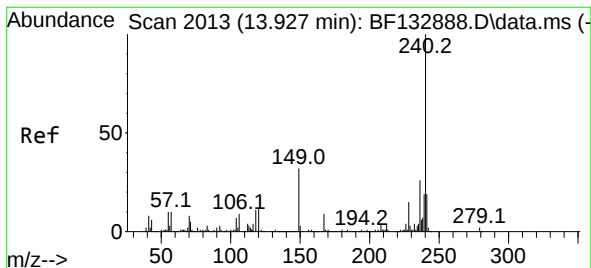
Ion Ratio Lower Upper

202 100

101 15.9 0.0 34.5

203 17.0 0.0 38.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.916 min Scan# 2013

Delta R.T. -0.012 min

Lab File: BF132908.D

Acq: 18 Apr 2023 18:59

Instrument :

BNA_F

ClientSampleId :

SB-19-COMP

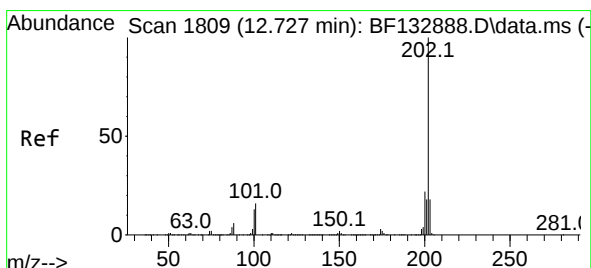
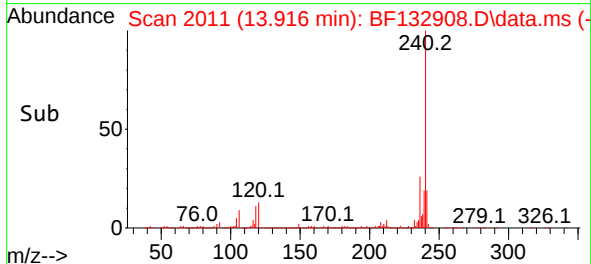
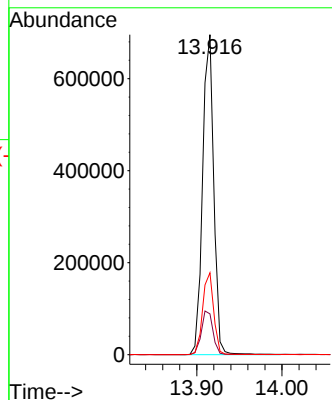
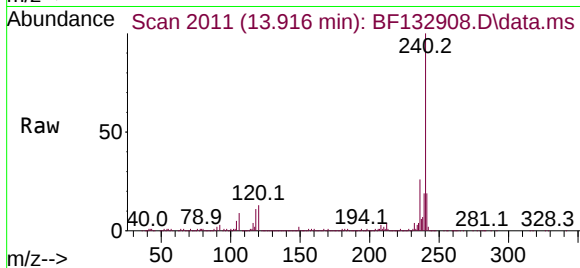
Tgt Ion:240 Resp: 633687

Ion Ratio Lower Upper

240 100

120 12.8 10.0 15.0

236 25.6 20.8 31.2



#78

Pyrene

Concen: 2.006 ng

RT: 12.716 min Scan# 1807

Delta R.T. -0.012 min

Lab File: BF132908.D

Acq: 18 Apr 2023 18:59

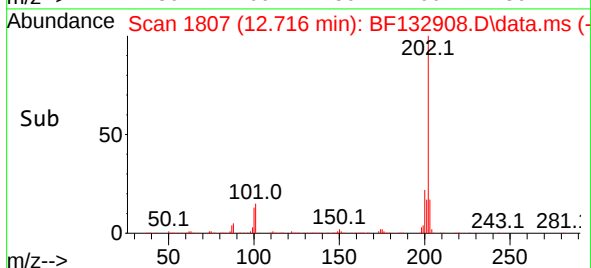
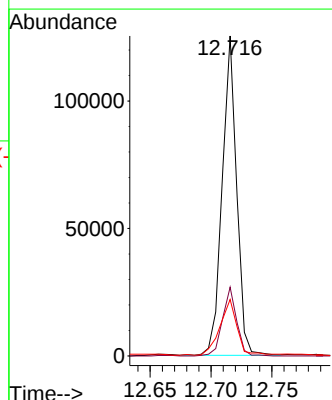
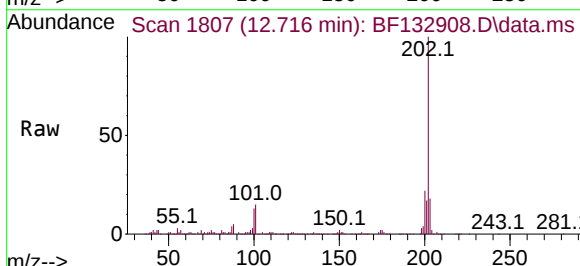
Tgt Ion:202 Resp: 103953

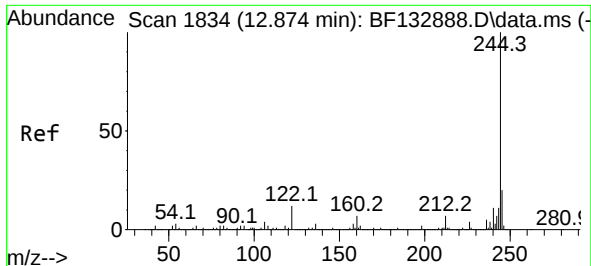
Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

203 17.7 14.6 22.0

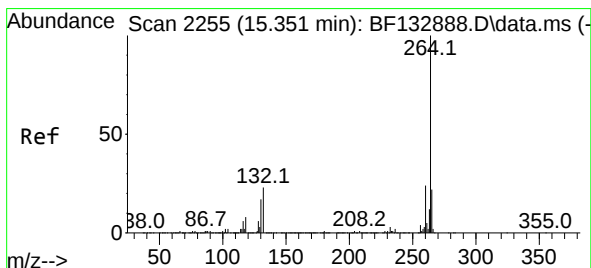
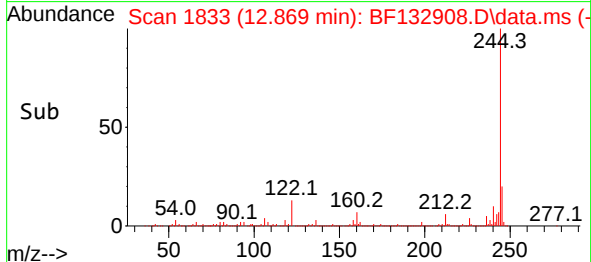
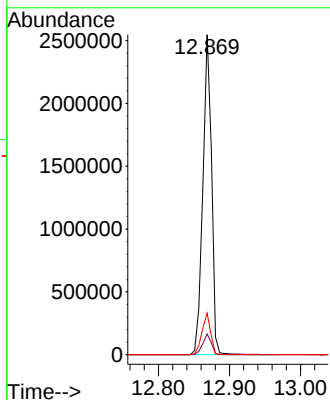
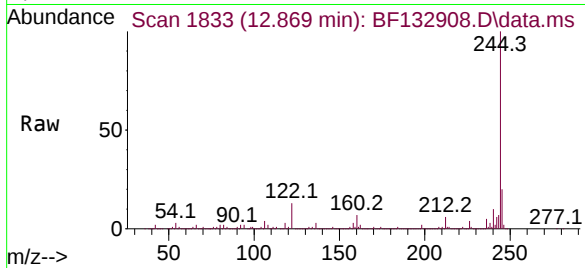




#79
 Terphenyl-d14
 Concen: 58.608 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. -0.006 min
 Lab File: BF132908.D
 Acq: 18 Apr 2023 18:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-19-COMP

Tgt Ion:244 Resp: 2176888
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 12.9 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: BF132908.D
 Acq: 18 Apr 2023 18:59

Tgt Ion:264 Resp: 639176
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.3 17.7 26.5

