

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
 Data File : BF132907.D
 Acq On : 18 Apr 2023 18:29
 Operator : CG\JU
 Sample : 02371-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-18-COMP

Quant Time: Apr 19 03:28:02 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	238345	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	953338	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	492664	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	899009	20.000	ng	0.00
76) Chrysene-d12	13.916	240	675586	20.000	ng	-0.01
86) Perylene-d12	15.345	264	619478	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1315208	86.285	ng	0.00
7) Phenol-d6	6.387	99	1687483	86.759	ng	-0.01
23) Nitrobenzene-d5	7.322	82	1021152	55.833	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	395450	80.027	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1841825	57.432	ng	-0.01
79) Terphenyl-d14	12.869	244	2282716	57.646	ng	0.00

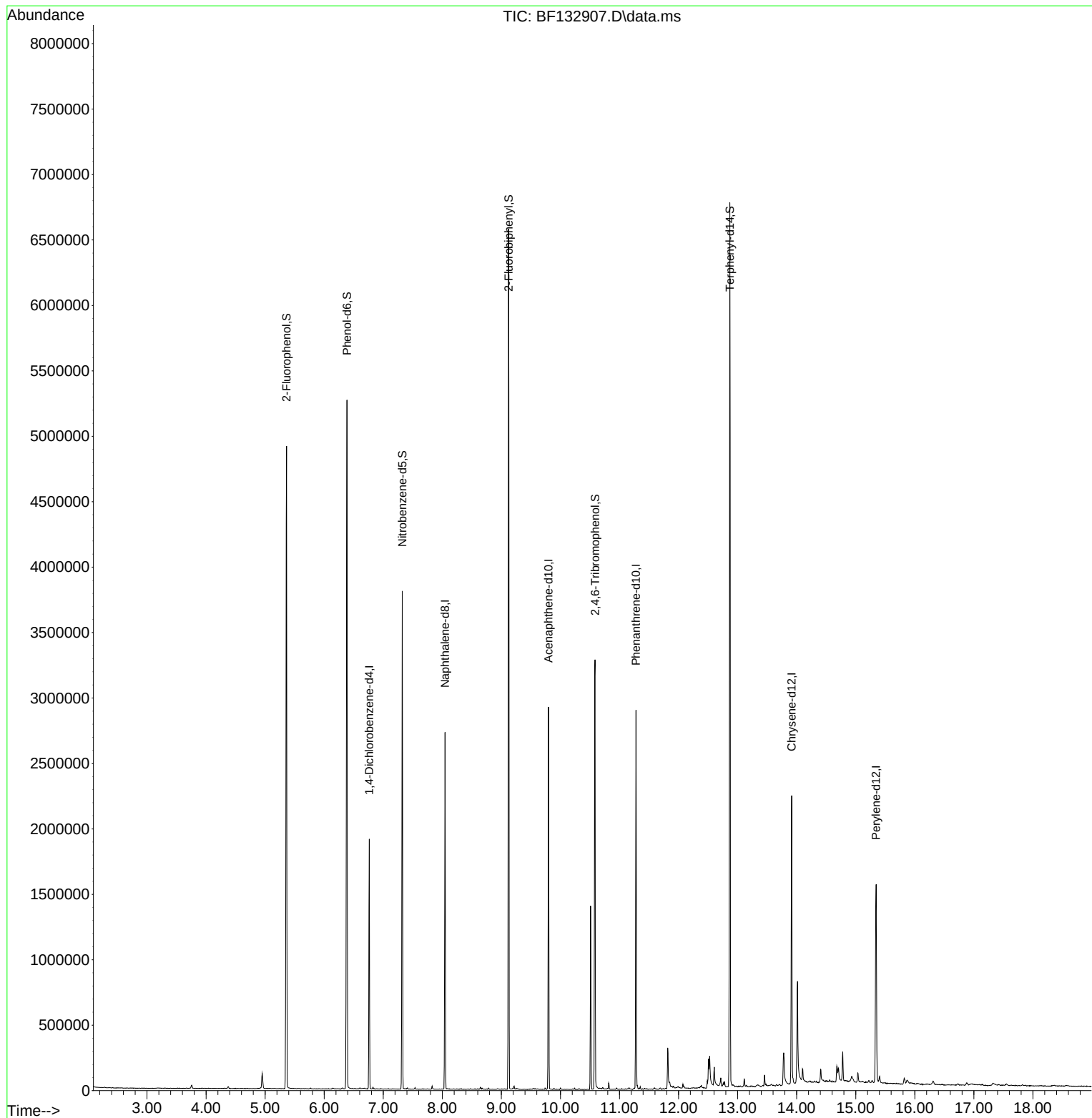
Target Compounds	Qvalue

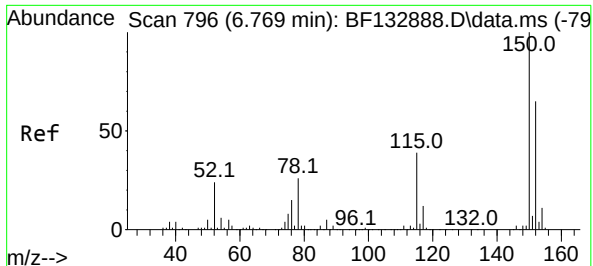
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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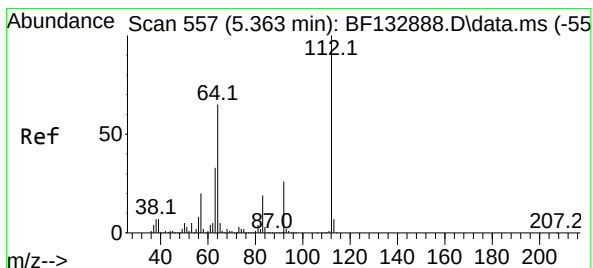
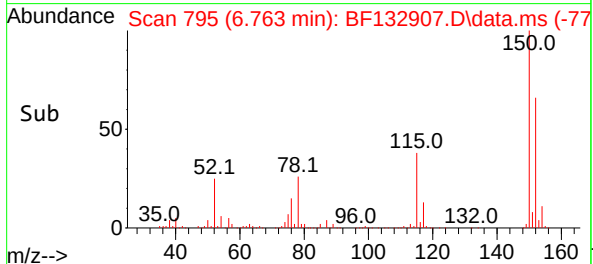
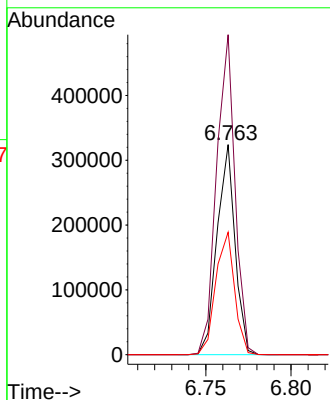
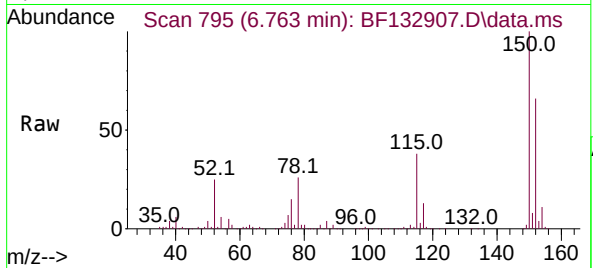




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 796
 Delta R.T. -0.006 min
 Lab File: BF132907.D
 Acq: 18 Apr 2023 18:29

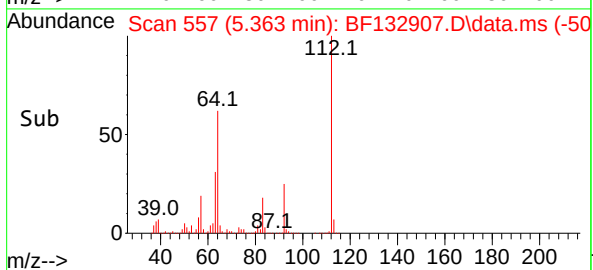
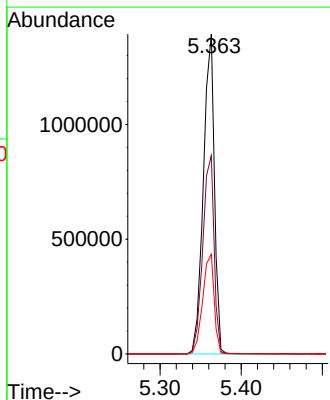
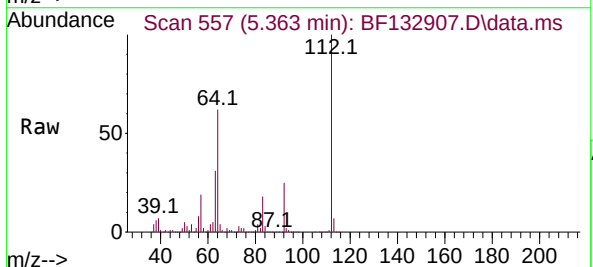
Instrument :
 BNA_F
 ClientSampleId :
 SB-18-COMP

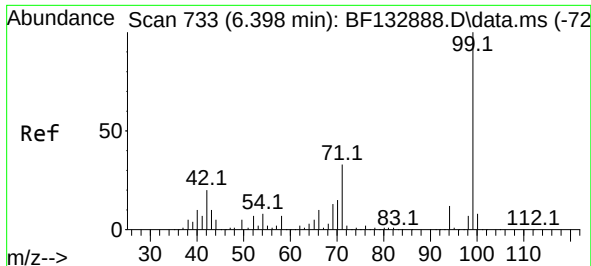
Tgt Ion:152 Resp: 238345
 Ion Ratio Lower Upper
 152 100
 150 152.3 122.8 184.2
 115 58.2 47.3 70.9



#5
 2-Fluorophenol
 Concen: 86.285 ng
 RT: 5.363 min Scan# 557
 Delta R.T. 0.000 min
 Lab File: BF132907.D
 Acq: 18 Apr 2023 18:29

Tgt Ion:112 Resp: 1315208
 Ion Ratio Lower Upper
 112 100
 64 62.0 51.8 77.8
 63 31.2 26.3 39.5

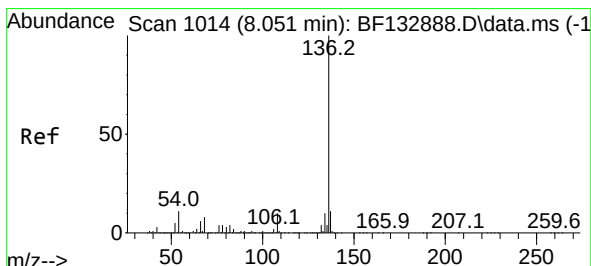
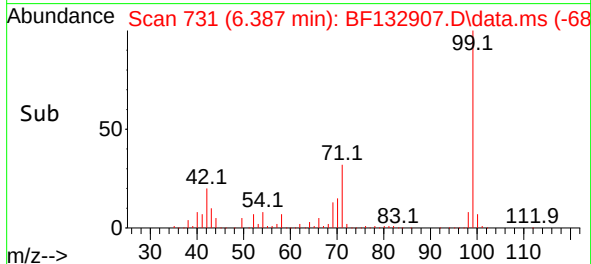
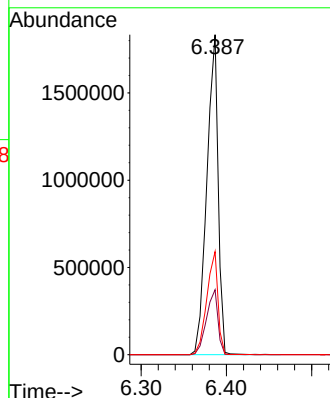
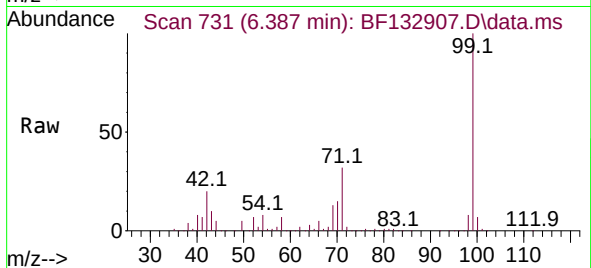




#7
Phenol-d6
Concen: 86.759 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132907.D
Acq: 18 Apr 2023 18:29

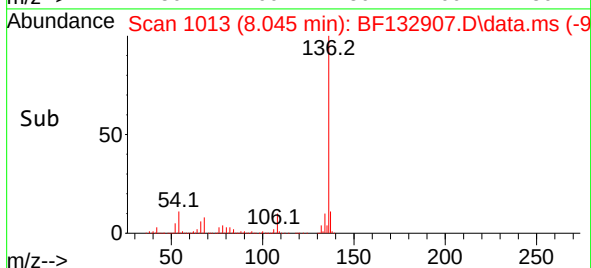
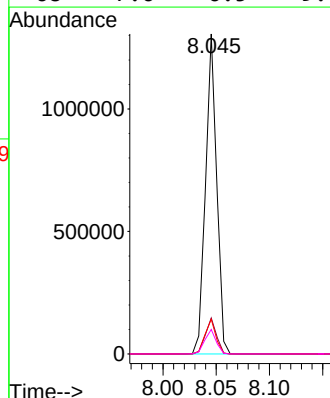
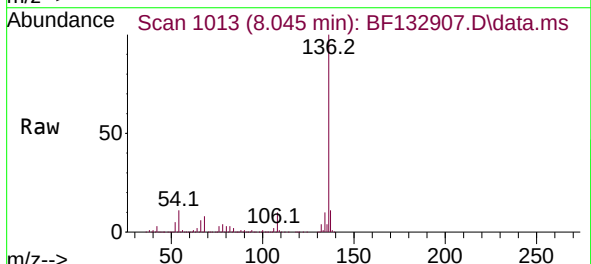
Instrument :
BNA_F
ClientSampleId :
SB-18-COMP

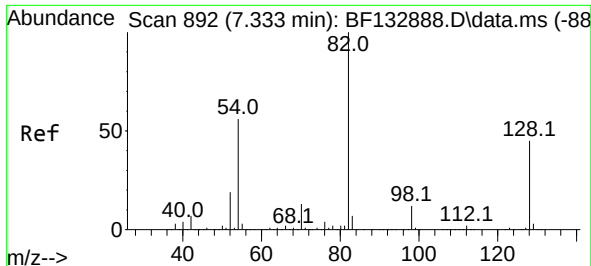
Tgt Ion: 99 Resp: 1687483
Ion Ratio Lower Upper
99 100
42 20.3 16.1 24.1
71 32.2 26.1 39.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF132907.D
Acq: 18 Apr 2023 18:29

Tgt Ion: 136 Resp: 953338
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 10.8 8.9 13.3
68 7.6 6.5 9.7





#23

Nitrobenzene-d5

Concen: 55.833 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF132907.D

Acq: 18 Apr 2023 18:29

Instrument :

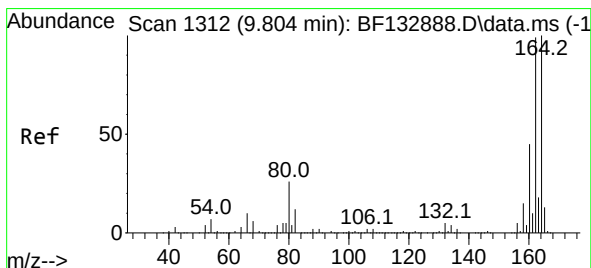
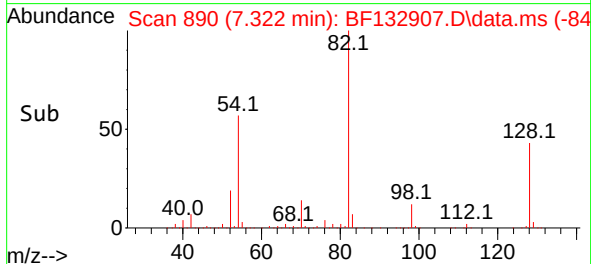
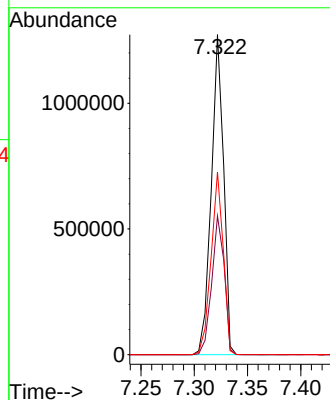
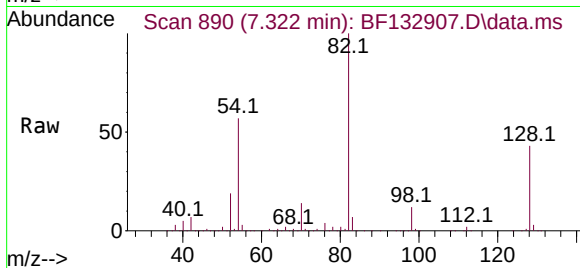
BNA_F

ClientSampleId :

SB-18-COMP

Tgt Ion: 82 Resp: 1021152

Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.7	53.5
54	57.1	44.7	67.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

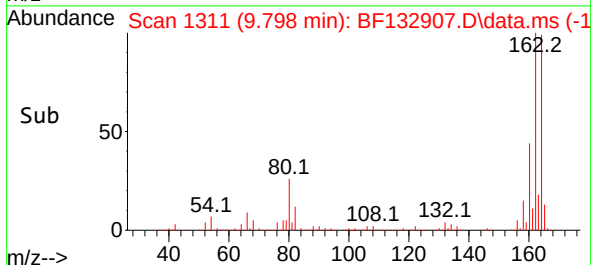
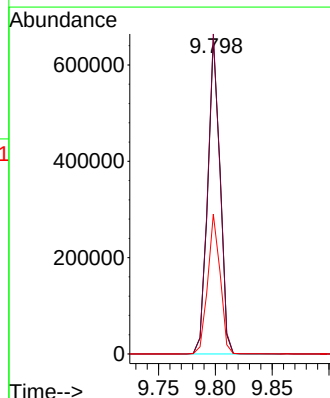
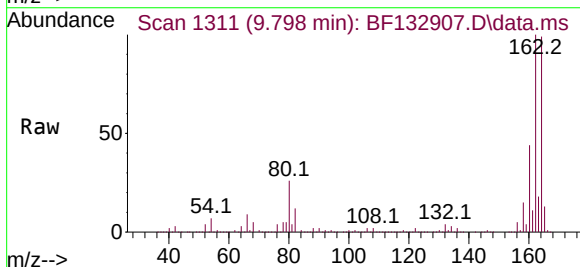
Delta R.T. -0.006 min

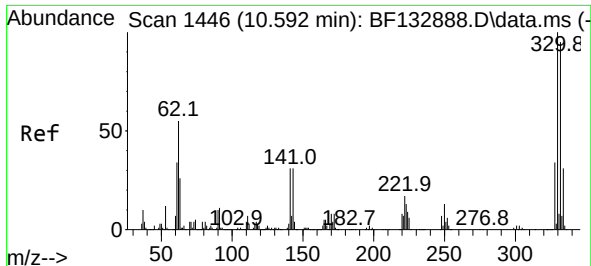
Lab File: BF132907.D

Acq: 18 Apr 2023 18:29

Tgt Ion:164 Resp: 492664

Ion	Ratio	Lower	Upper
164	100		
162	101.3	79.1	118.7
160	44.3	35.6	53.4

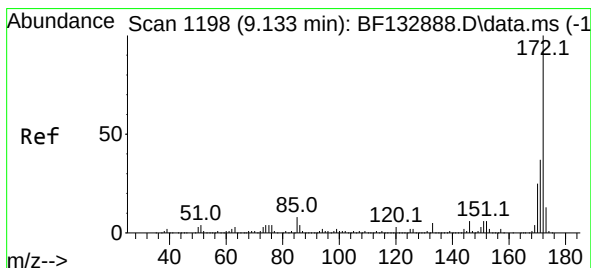
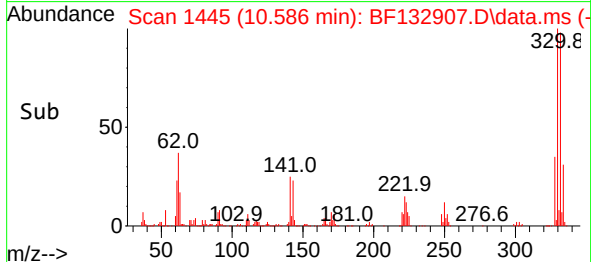
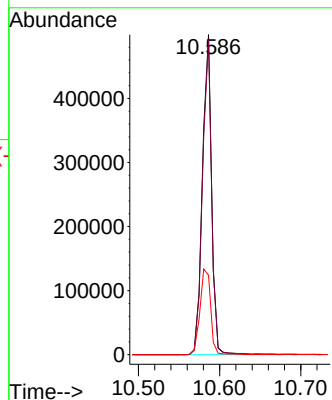
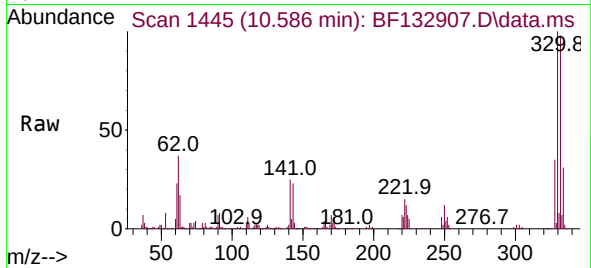




#42
2,4,6-Tribromophenol
Concen: 80.027 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BF132907.D
Acq: 18 Apr 2023 18:29

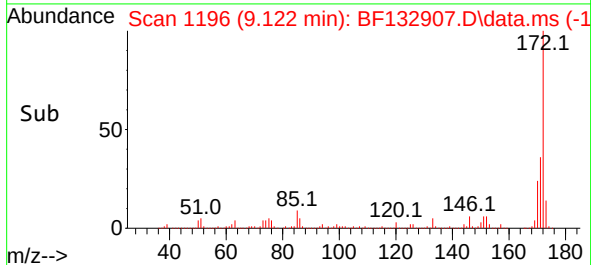
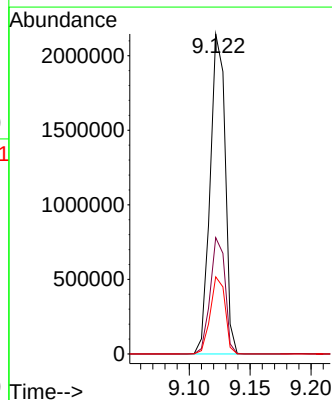
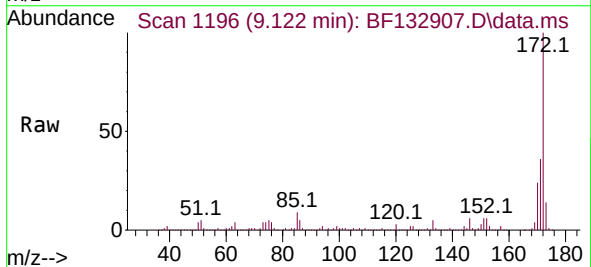
Instrument :
BNA_F
ClientSampleId :
SB-18-COMP

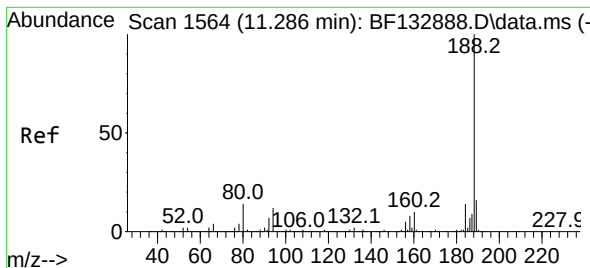
Tgt Ion:330 Resp: 395450
Ion Ratio Lower Upper
330 100
332 97.2 76.3 114.5
141 31.0 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 57.432 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.012 min
Lab File: BF132907.D
Acq: 18 Apr 2023 18:29

Tgt Ion:172 Resp: 1841825
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 24.1 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: BF132907.D

Acq: 18 Apr 2023 18:29

Instrument :

BNA_F

ClientSampleId :

SB-18-COMP

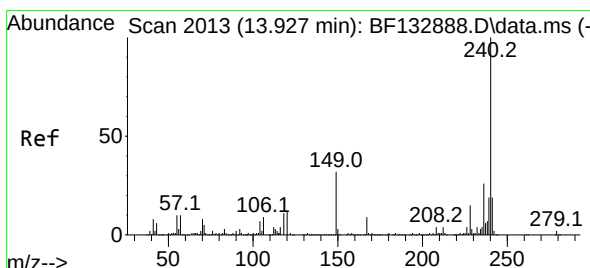
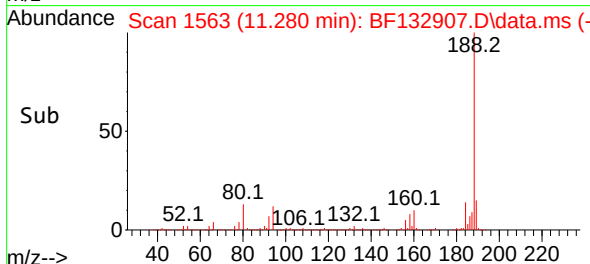
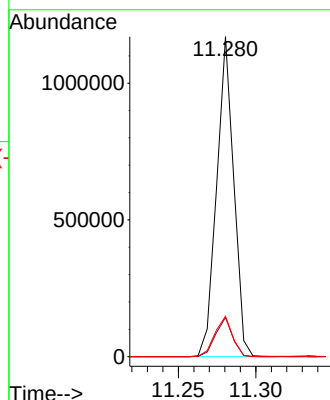
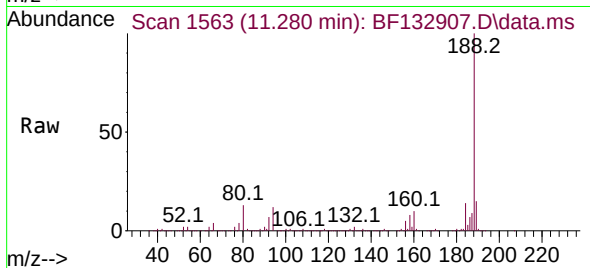
Tgt Ion:188 Resp: 899009

Ion Ratio Lower Upper

188 100

94 12.3 9.9 14.9

80 12.6 10.8 16.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.916 min Scan# 2011

Delta R.T. -0.012 min

Lab File: BF132907.D

Acq: 18 Apr 2023 18:29

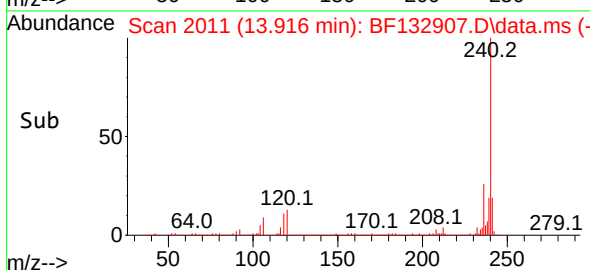
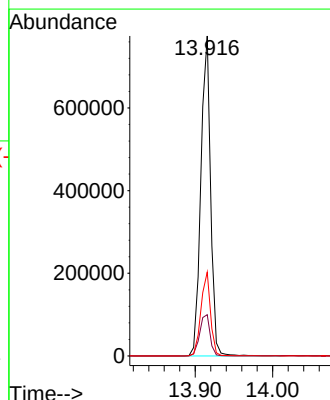
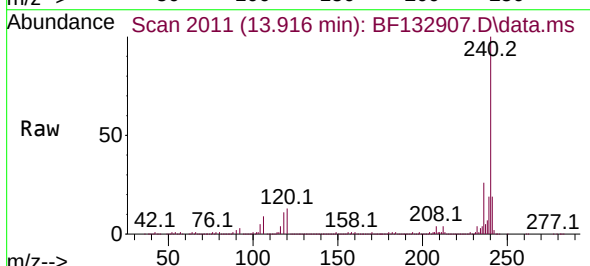
Tgt Ion:240 Resp: 675586

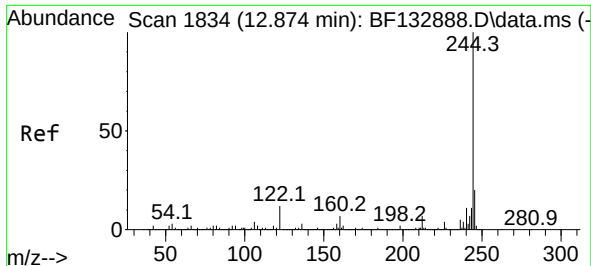
Ion Ratio Lower Upper

240 100

120 12.9 10.0 15.0

236 26.2 20.8 31.2

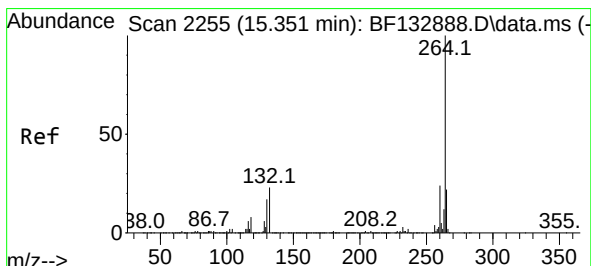
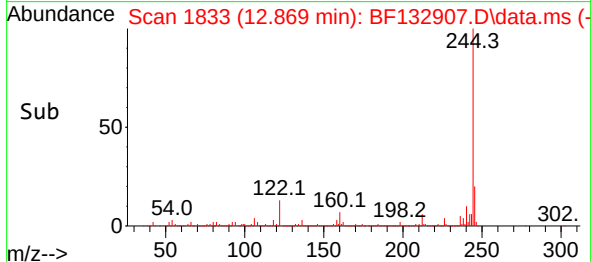
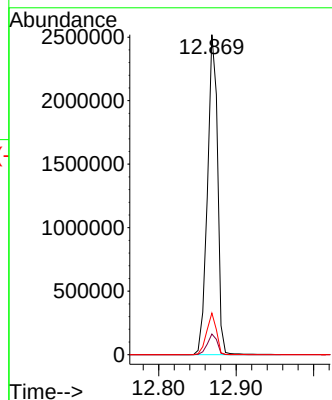
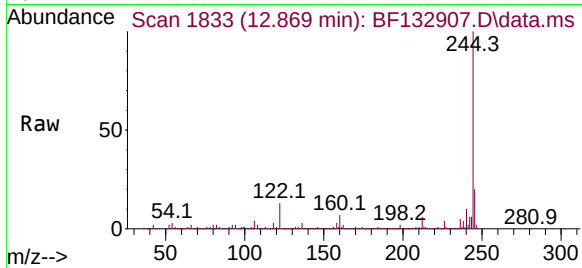




#79
Terphenyl-d14
Concen: 57.646 ng
RT: 12.869 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BF132907.D
Acq: 18 Apr 2023 18:29

Instrument :
BNA_F
ClientSampleId :
SB-18-COMP

Tgt Ion:244 Resp: 2282716
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.0
122 13.0 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: BF132907.D
Acq: 18 Apr 2023 18:29

Tgt Ion:264 Resp: 619478
Ion Ratio Lower Upper
264 100
260 24.4 19.0 28.6
265 21.6 17.7 26.5

