

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
 Data File : BF132223.D
 Acq On : 30 Jan 2023 21:53
 Operator : CG\JU
 Sample : 01353-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11985

Quant Time: Jan 31 00:34:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 02:25:45 2023
 Response via : Initial Calibration

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

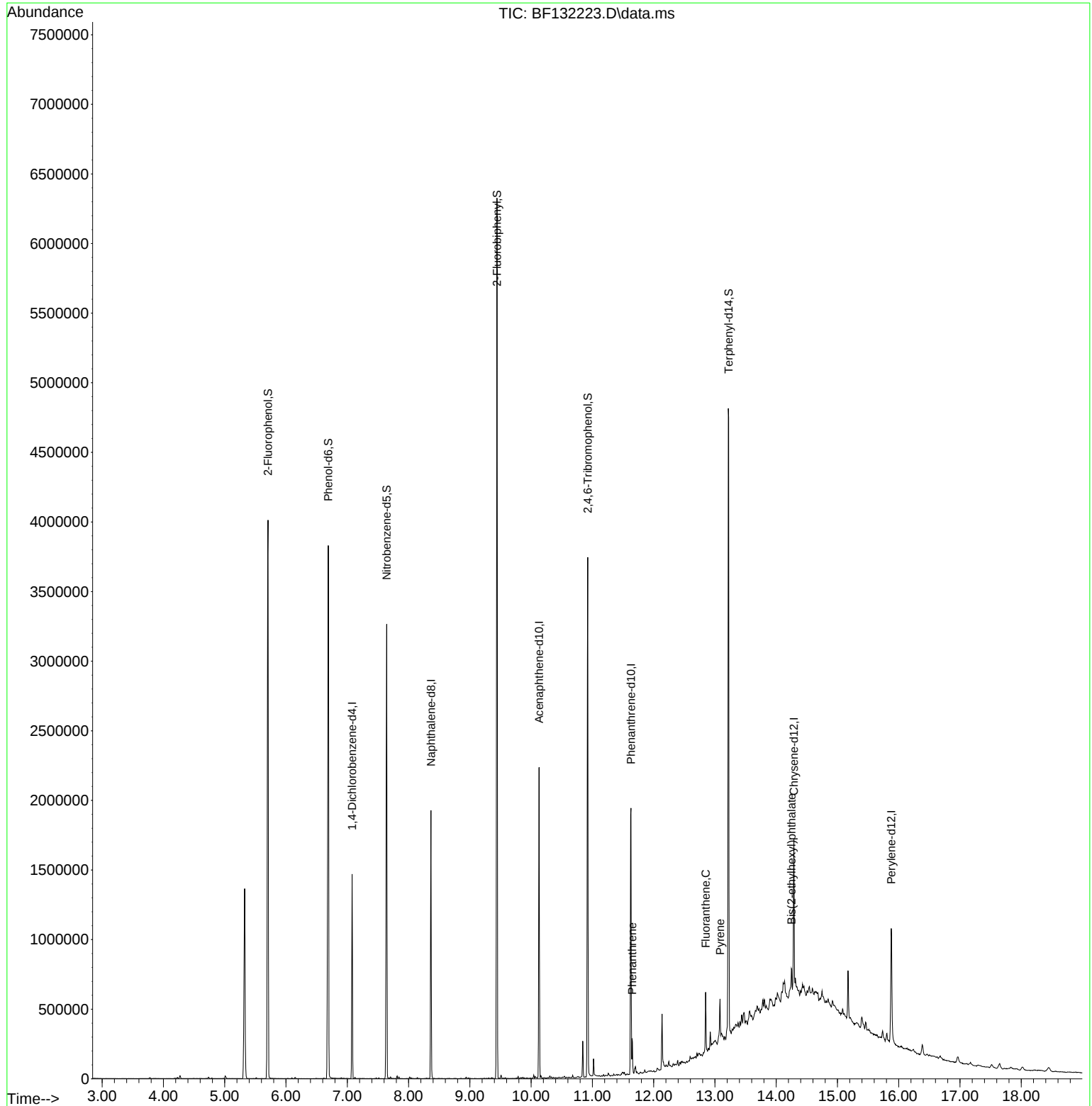
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.078	152	205009	20.000	ng	0.00
21) Naphthalene-d8	8.366	136	758191	20.000	ng	0.00
39) Acenaphthene-d10	10.131	164	403407	20.000	ng	0.00
64) Phenanthrene-d10	11.631	188	740981	20.000	ng	0.00
76) Chrysene-d12	14.289	240	360880	20.000	ng	0.00
86) Perylene-d12	15.877	264	414757	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	1362657	110.591	ng	0.01
7) Phenol-d6	6.690	99	1727176	111.794	ng	0.00
23) Nitrobenzene-d5	7.643	82	1048352	72.388	ng	0.00
42) 2,4,6-Tribromophenol	10.925	330	439724	117.715	ng	0.00
45) 2-Fluorobiphenyl	9.442	172	1856588	67.720	ng	0.00
79) Terphenyl-d14	13.225	244	1702402	74.115	ng	0.00
Target Compounds						
					Qvalue	
71) Phenanthrene	11.648	178	85725	2.274	ng	97
75) Fluoranthene	12.848	202	136589	3.561	ng	98
78) Pyrene	13.083	202	106714	3.156	ng	97
84) Bis(2-ethylhexyl)phtha...	14.248	149	66769	5.198	ng	99

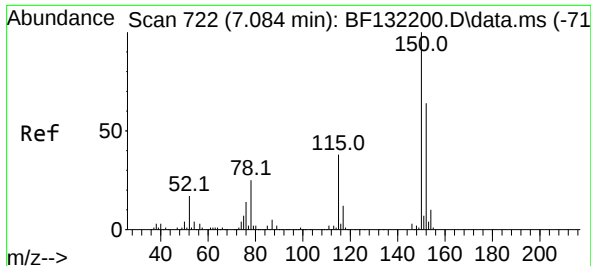
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
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Misc :
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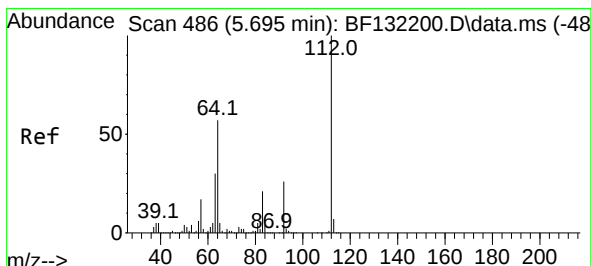
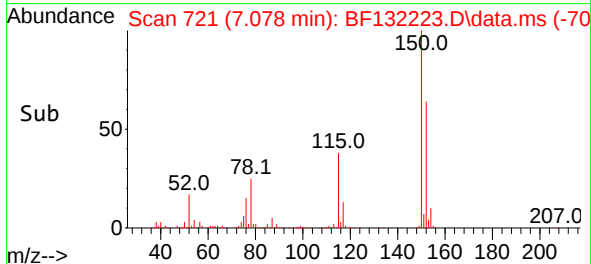
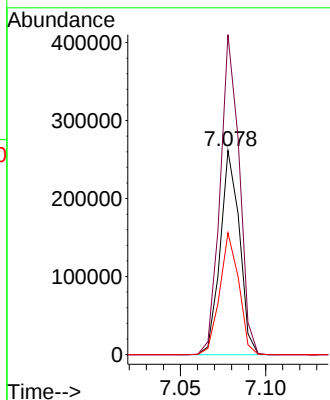
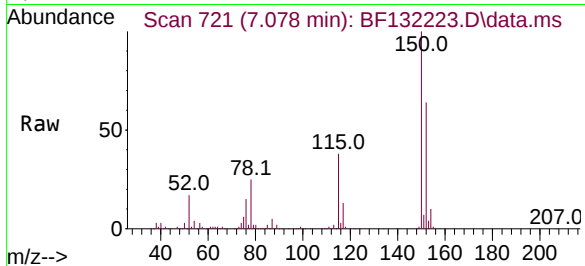




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.078 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132223.D
 Acq: 30 Jan 2023 21:53

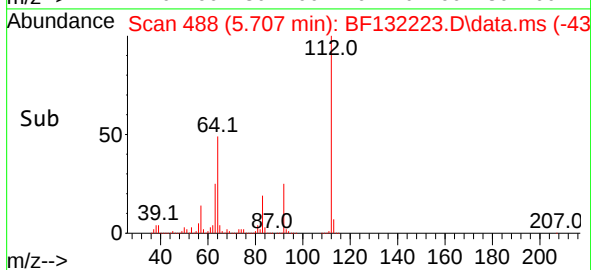
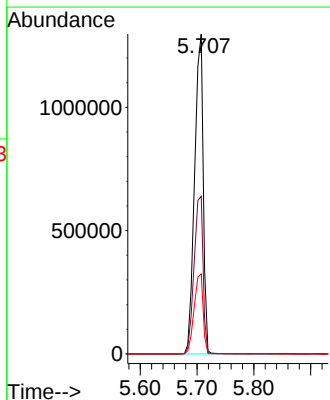
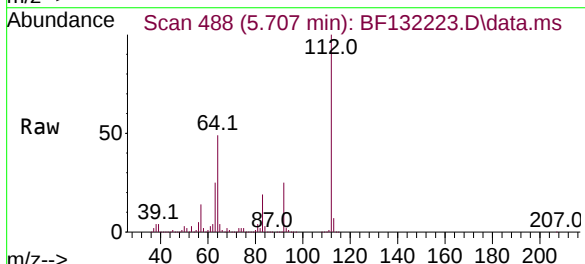
Instrument :
 BNA_F
 ClientSampleId :
 72-11985

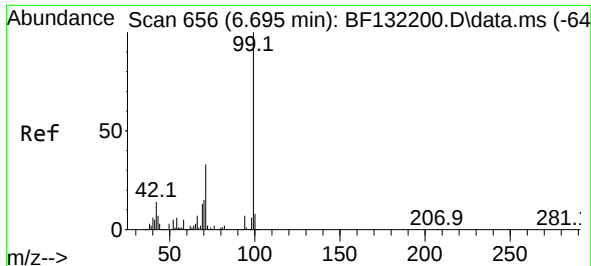
Tgt Ion:152 Resp: 205009
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.5 186.7
 115 59.6 47.0 70.6



#5
 2-Fluorophenol
 Concen: 110.591 ng
 RT: 5.707 min Scan# 488
 Delta R.T. 0.012 min
 Lab File: BF132223.D
 Acq: 30 Jan 2023 21:53

Tgt Ion:112 Resp: 1362657
 Ion Ratio Lower Upper
 112 100
 64 49.2 45.5 68.3
 63 25.0 23.7 35.5

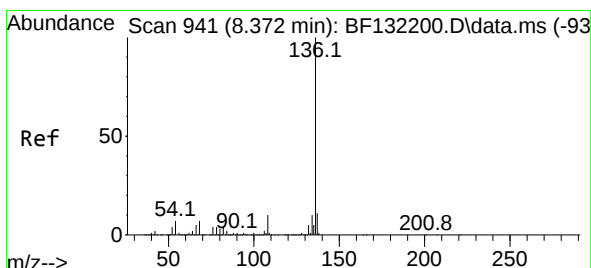
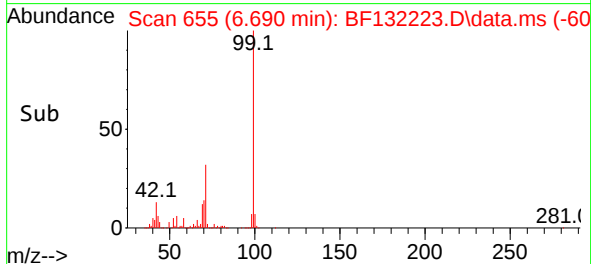
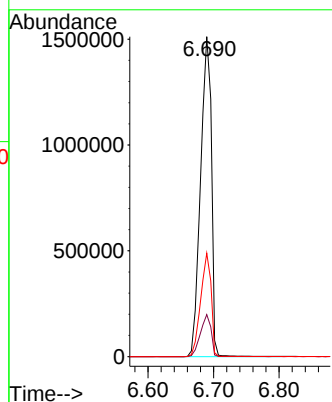
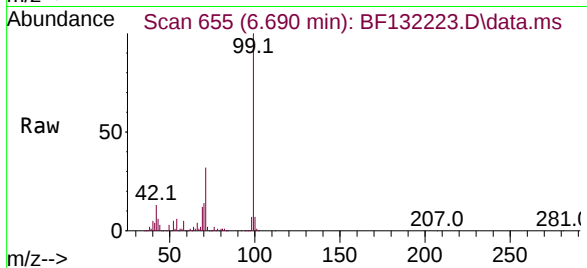




#7
Phenol-d6
Concen: 111.794 ng
RT: 6.690 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132223.D
Acq: 30 Jan 2023 21:53

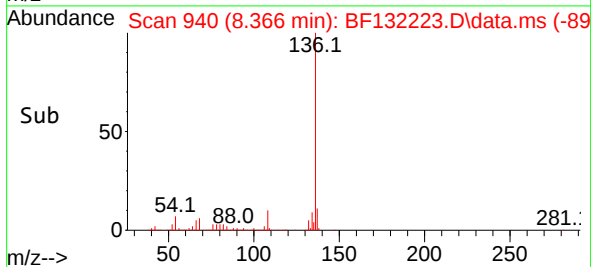
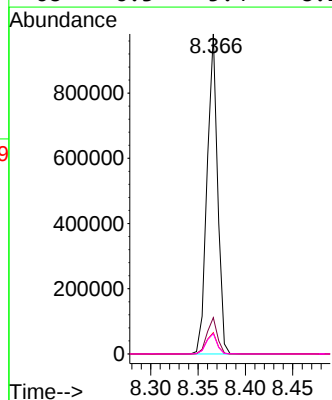
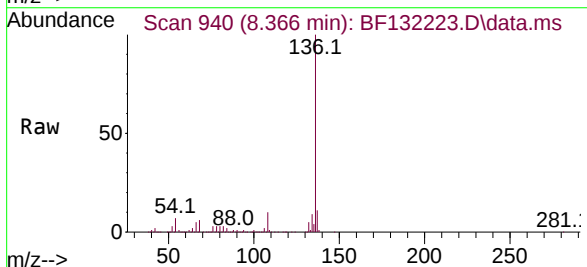
Instrument :
BNA_F
ClientSampleId :
72-11985

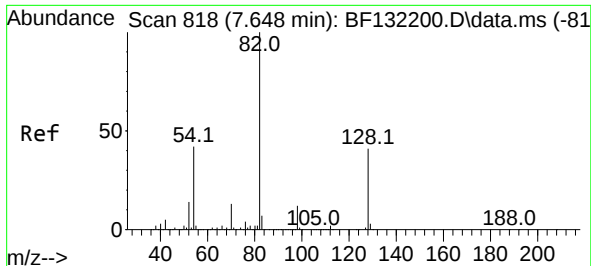
Tgt Ion: 99 Resp: 1727176
Ion Ratio Lower Upper
99 100
42 13.1 11.3 16.9
71 32.3 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.366 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF132223.D
Acq: 30 Jan 2023 21:53

Tgt Ion:136 Resp: 758191
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 6.6 5.4 8.2
68 6.3 5.4 8.2

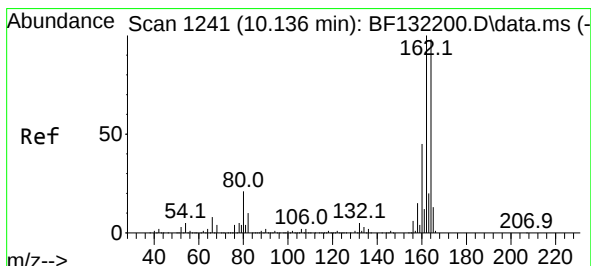
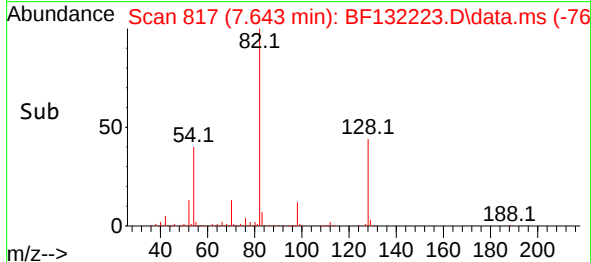
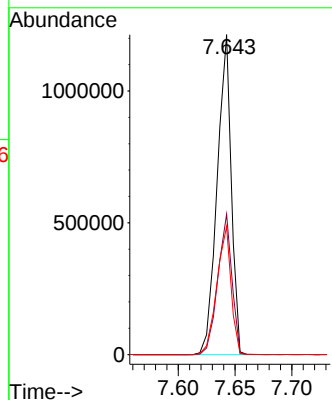
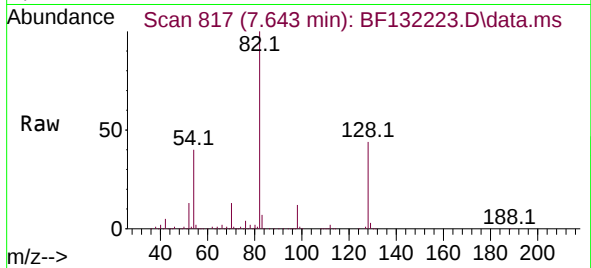




#23
Nitrobenzene-d5
Concen: 72.388 ng
RT: 7.643 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132223.D
Acq: 30 Jan 2023 21:53

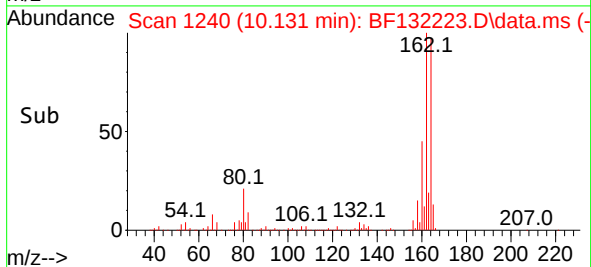
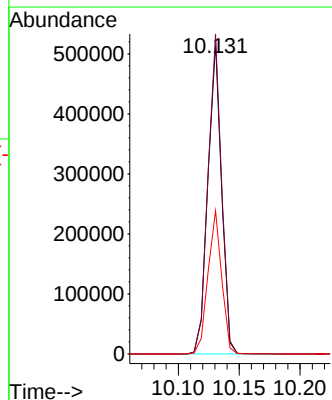
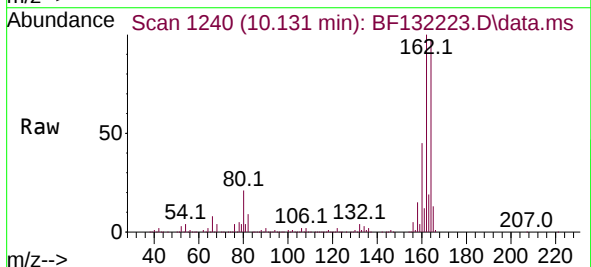
Instrument :
BNA_F
ClientSampleId :
72-11985

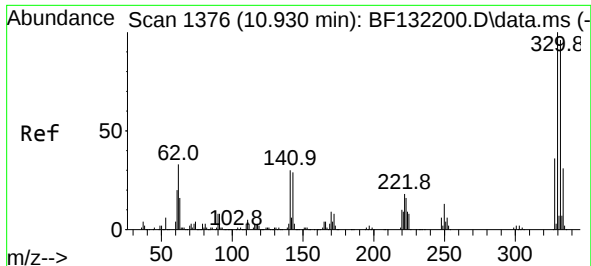
Tgt Ion: 82 Resp: 1048352
Ion Ratio Lower Upper
82 100
128 43.9 32.7 49.1
54 40.0 33.3 49.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.131 min Scan# 1240
Delta R.T. -0.006 min
Lab File: BF132223.D
Acq: 30 Jan 2023 21:53

Tgt Ion:164 Resp: 403407
Ion Ratio Lower Upper
164 100
162 102.9 81.5 122.3
160 46.1 37.0 55.4

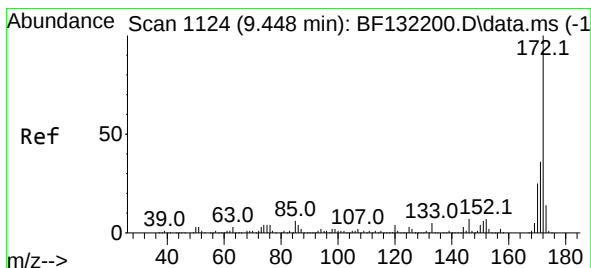
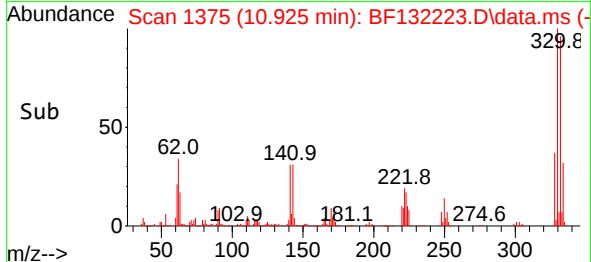
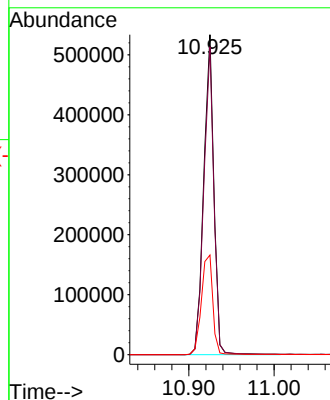
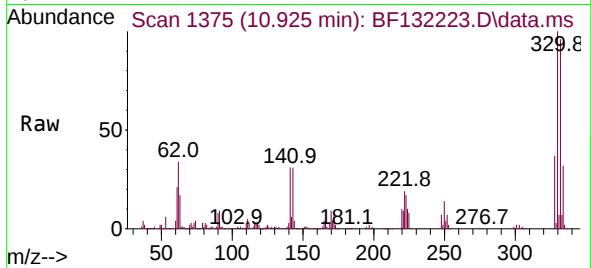




#42
2,4,6-Tribromophenol
Concen: 117.715 ng
RT: 10.925 min Scan# 1375
Delta R.T. -0.006 min
Lab File: BF132223.D
Acq: 30 Jan 2023 21:53

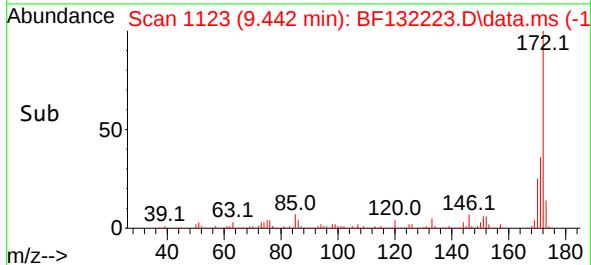
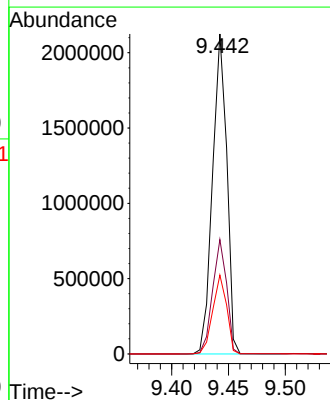
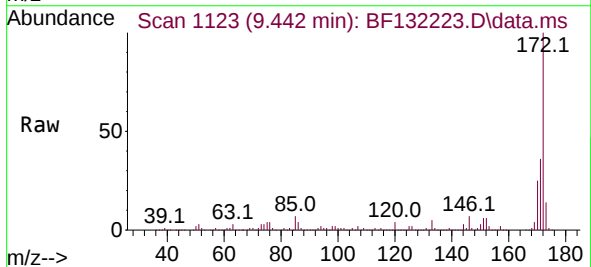
Instrument :
BNA_F
ClientSampleId :
72-11985

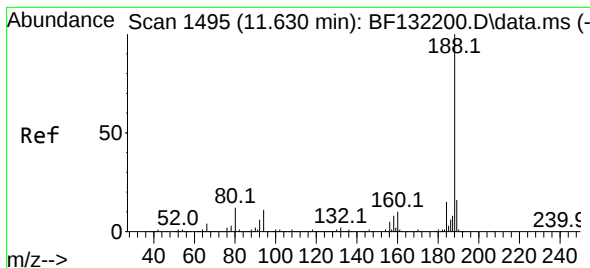
Tgt Ion:330 Resp: 439724
Ion Ratio Lower Upper
330 100
332 96.1 75.7 113.5
141 34.9 30.7 46.1



#45
2-Fluorobiphenyl
Concen: 67.720 ng
RT: 9.442 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BF132223.D
Acq: 30 Jan 2023 21:53

Tgt Ion:172 Resp: 1856588
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 24.6 20.2 30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.631 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF132223.D

Acq: 30 Jan 2023 21:53

Instrument :

BNA_F

ClientSampleId :

72-11985

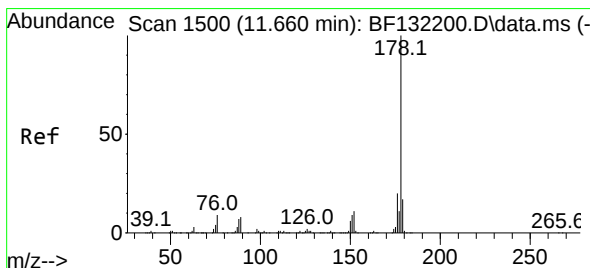
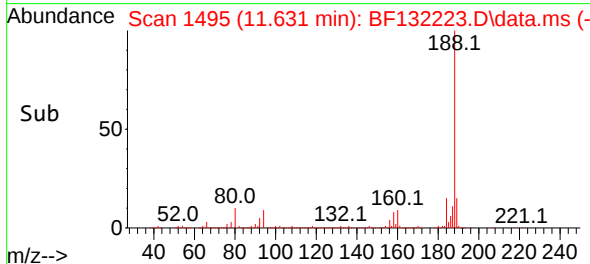
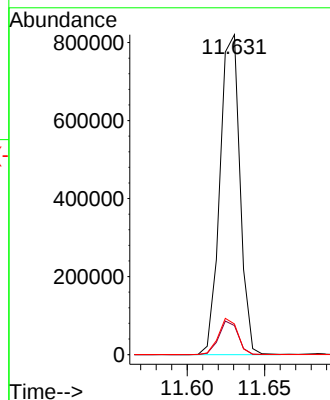
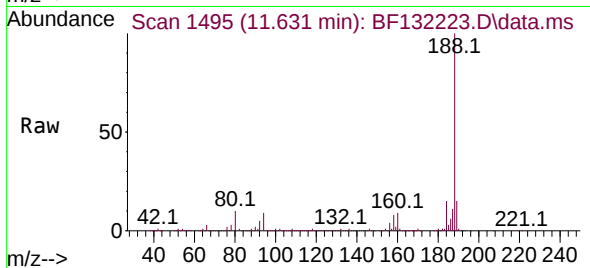
Tgt Ion:188 Resp: 740981

Ion Ratio Lower Upper

188 100

94 9.1 8.5 12.7

80 9.6 9.2 13.8



#71

Phenanthrene

Concen: 2.274 ng

RT: 11.648 min Scan# 1498

Delta R.T. -0.012 min

Lab File: BF132223.D

Acq: 30 Jan 2023 21:53

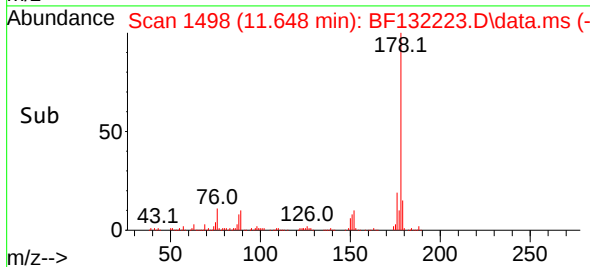
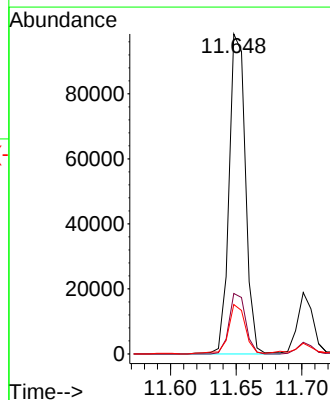
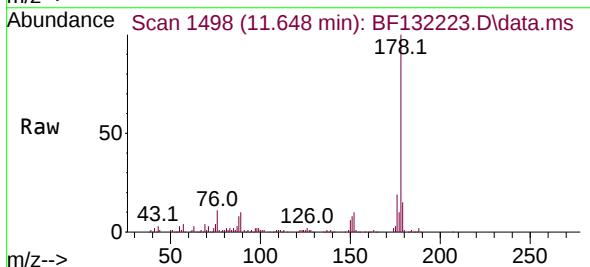
Tgt Ion:178 Resp: 85725

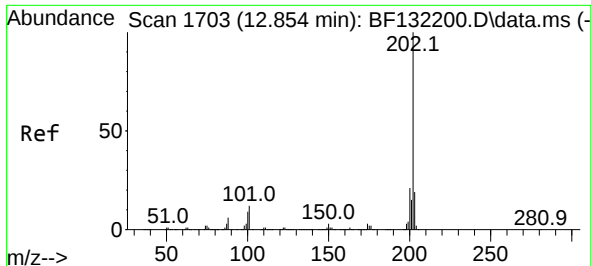
Ion Ratio Lower Upper

178 100

176 18.9 16.4 24.6

179 15.4 13.3 19.9

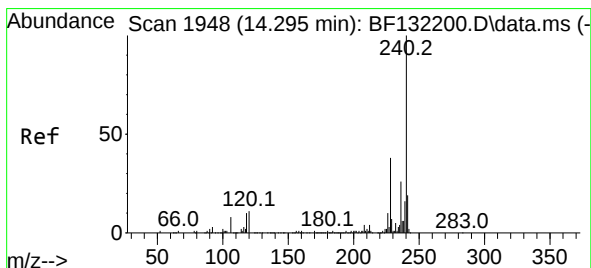
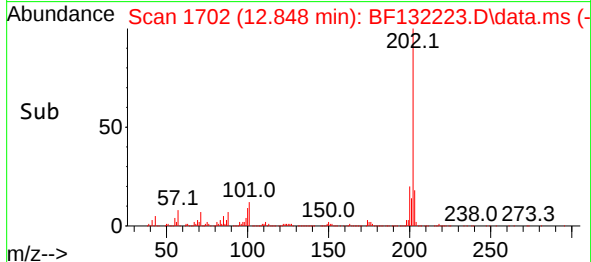
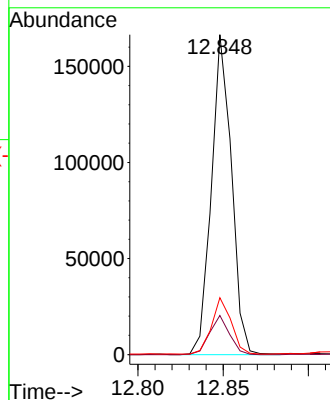
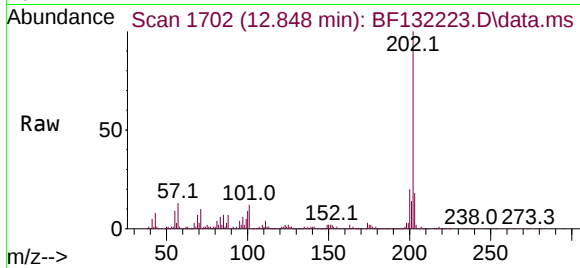




#75
Fluoranthene
Concen: 3.561 ng
RT: 12.848 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BF132223.D
Acq: 30 Jan 2023 21:53

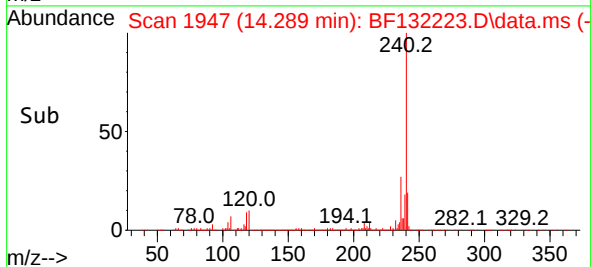
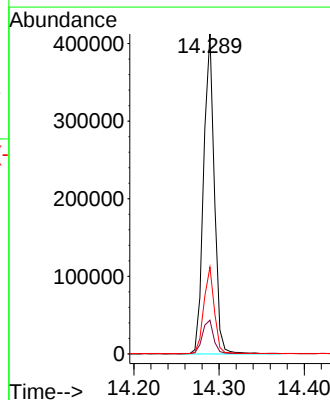
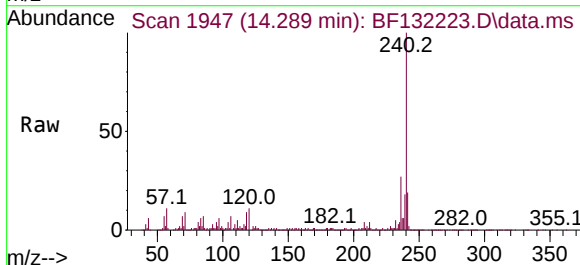
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72-11985

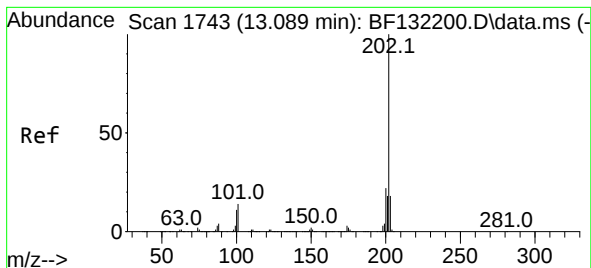
Tgt Ion:202 Resp: 136589
Ion Ratio Lower Upper
202 100
101 12.2 0.0 32.5
203 17.8 0.0 38.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.289 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BF132223.D
Acq: 30 Jan 2023 21:53

Tgt Ion:240 Resp: 360880
Ion Ratio Lower Upper
240 100
120 10.5 9.0 13.4
236 27.1 20.8 31.2





#78

Pyrene

Concen: 3.156 ng

RT: 13.083 min Scan# 1743

Delta R.T. -0.006 min

Lab File: BF132223.D

Acq: 30 Jan 2023 21:53

Instrument :

BNA_F

ClientSampleId :

72-11985

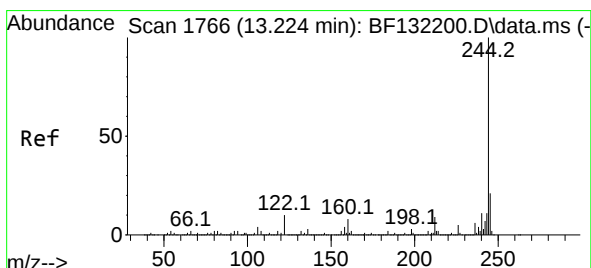
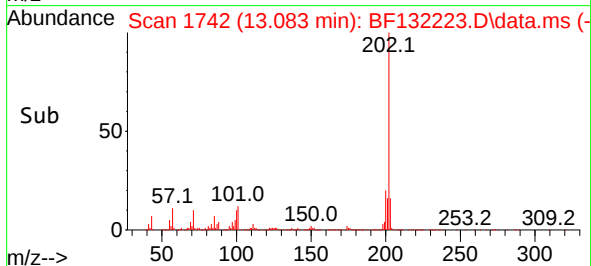
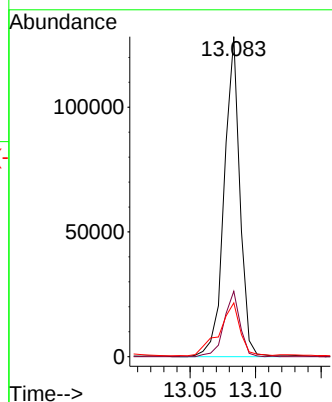
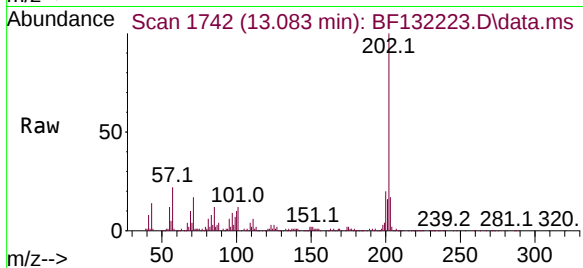
Tgt Ion:202 Resp: 106714

Ion Ratio Lower Upper

202 100

200 20.4 17.4 26.2

203 16.8 14.7 22.1



#79

Terphenyl-d14

Concen: 74.115 ng

RT: 13.225 min Scan# 1766

Delta R.T. 0.001 min

Lab File: BF132223.D

Acq: 30 Jan 2023 21:53

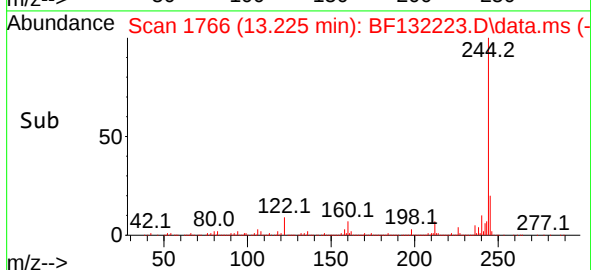
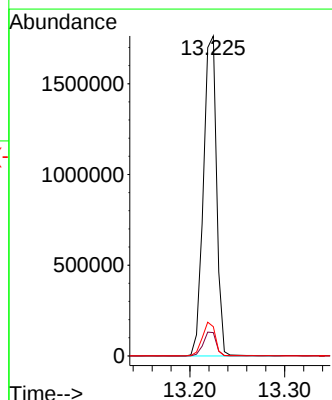
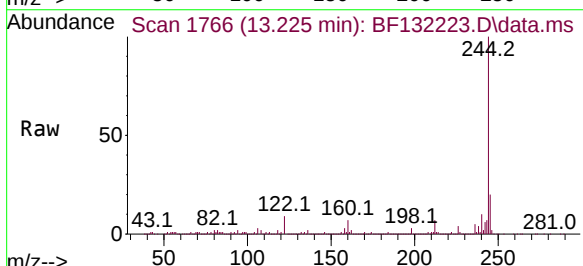
Tgt Ion:244 Resp: 1702402

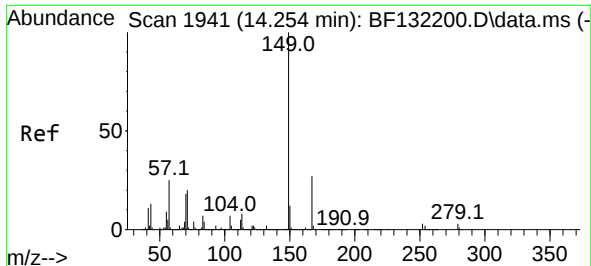
Ion Ratio Lower Upper

244 100

212 7.3 6.8 10.2

122 9.1 8.3 12.5

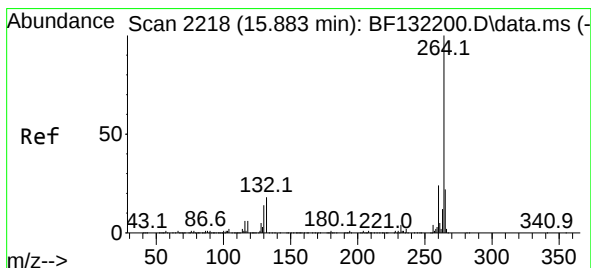
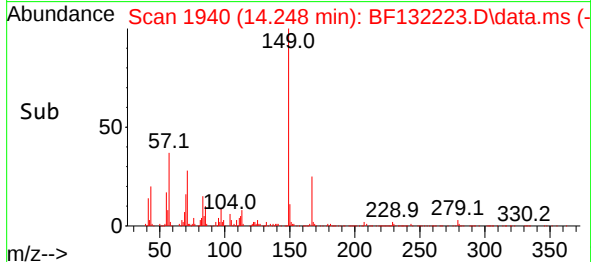
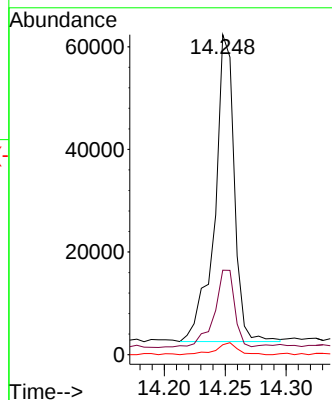
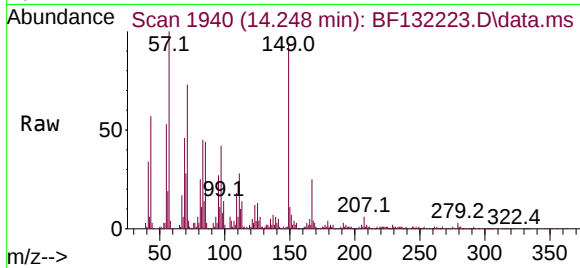




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.198 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132223.D
Acq: 30 Jan 2023 21:53

Instrument :
BNA_F
ClientSampleId :
72-11985

Tgt Ion:	149	Resp:	66769
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.7	32.5
279	3.1	2.8	4.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.877 min Scan# 2217
Delta R.T. -0.006 min
Lab File: BF132223.D
Acq: 30 Jan 2023 21:53

Tgt Ion:	264	Resp:	414757
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.8	28.2
265	21.0	17.4	26.2

