

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132954.D
 Acq On : 21 Apr 2023 00:10
 Operator : CG\JU
 Sample : 02390-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPC-1WC-23-04-17

Quant Time: Apr 21 02:19:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 20 14:15:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	345511	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	1395936	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	731032	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	1286301	20.000	ng	0.00
76) Chrysene-d12	13.910	240	873648	20.000	ng	0.00
86) Perylene-d12	15.339	264	700634	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2908365	131.623	ng	0.02
7) Phenol-d6	6.392	99	3433946	121.790	ng	0.00
23) Nitrobenzene-d5	7.328	82	2451469	91.539	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	1110693	151.480	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	3891710	81.782	ng	0.00
79) Terphenyl-d14	12.874	244	4576899	89.378	ng	0.00

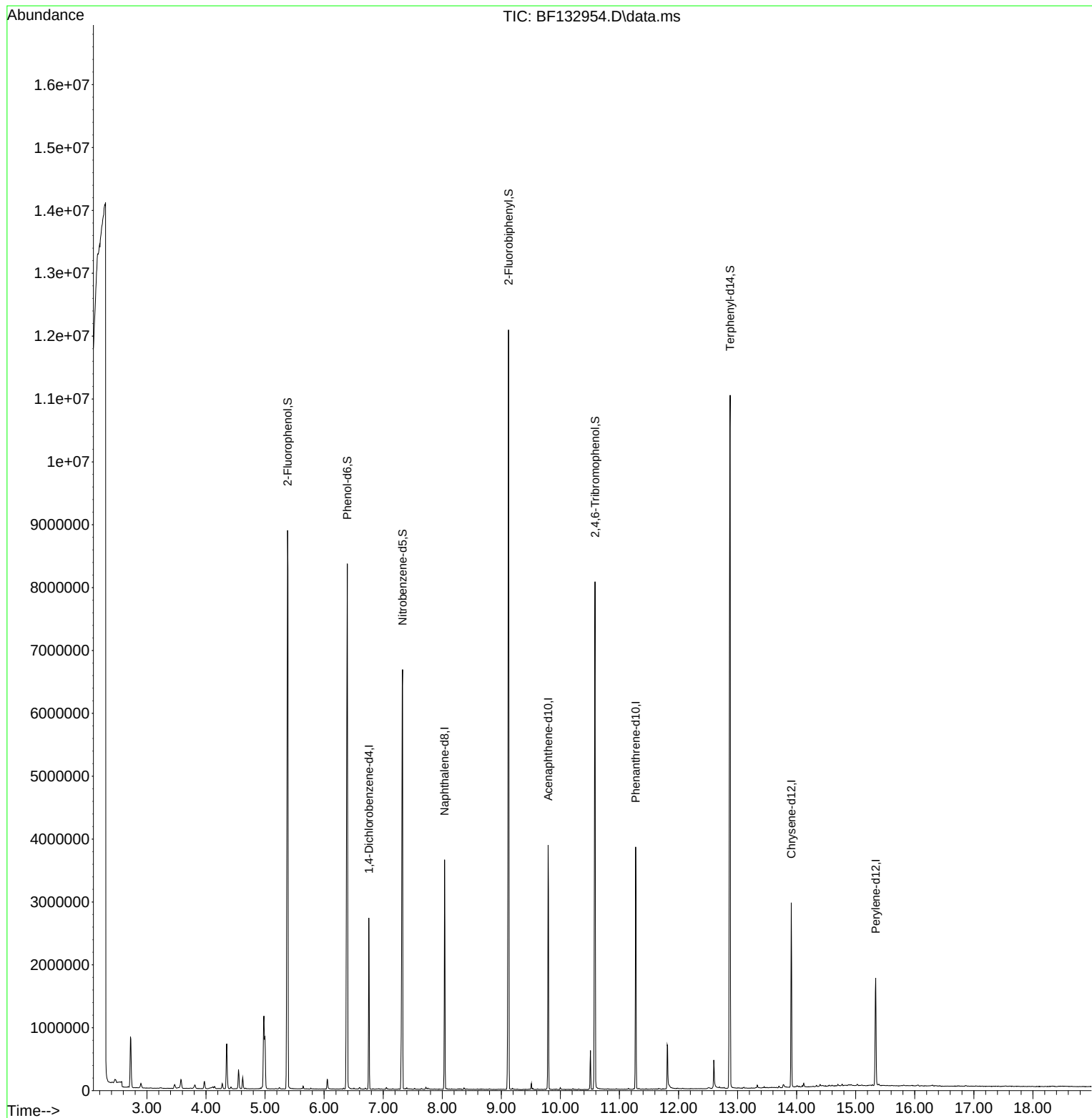
Target Compounds	Qvalue

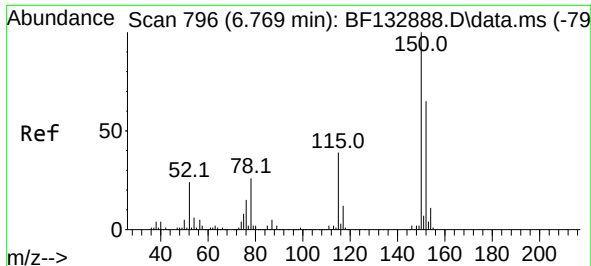
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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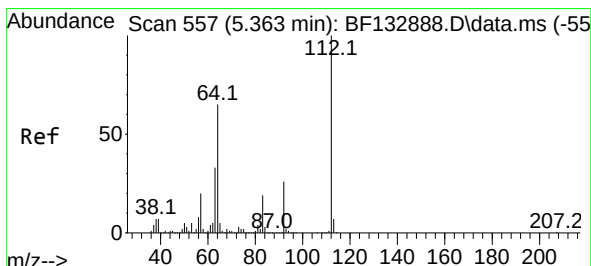
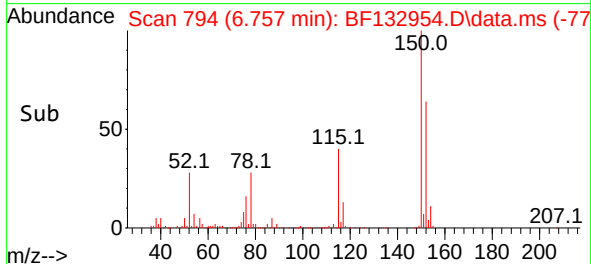
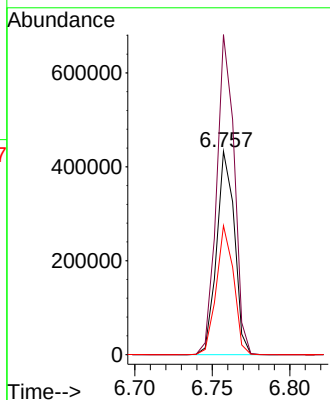
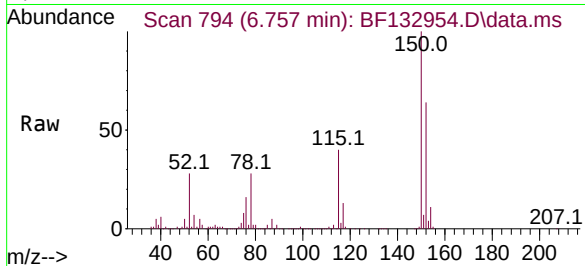




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132954.D
Acq: 21 Apr 2023 00:10

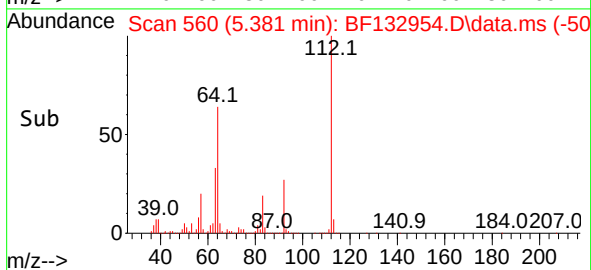
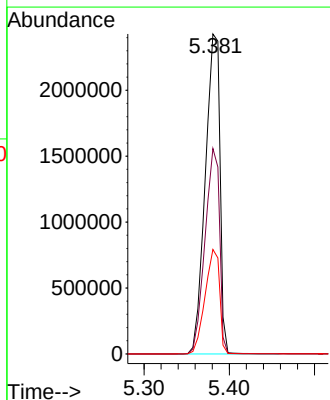
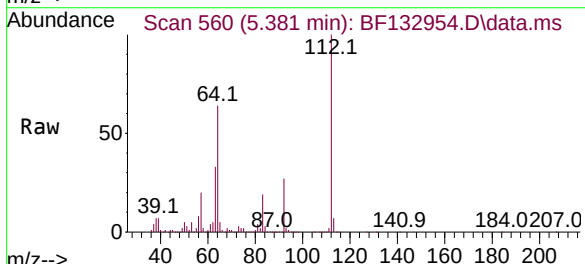
Instrument :
BNA_F
ClientSampleId :
SPC-1WC-23-04-17

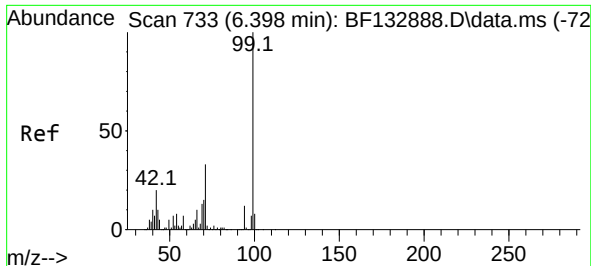
Tgt Ion:152 Resp: 345511
Ion Ratio Lower Upper
152 100
150 157.4 122.8 184.2
115 63.4 47.3 70.9



#5
2-Fluorophenol
Concen: 131.623 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.024 min
Lab File: BF132954.D
Acq: 21 Apr 2023 00:10

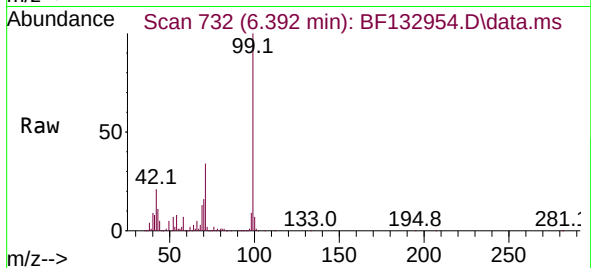
Tgt Ion:112 Resp: 2908365
Ion Ratio Lower Upper
112 100
64 64.2 51.8 77.8
63 32.6 26.3 39.5



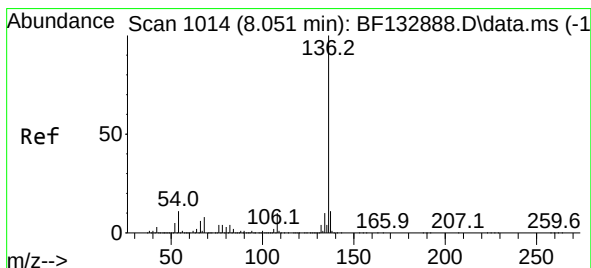
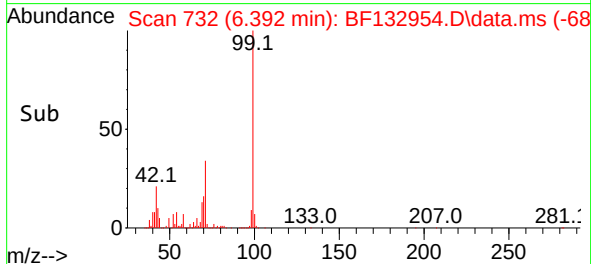
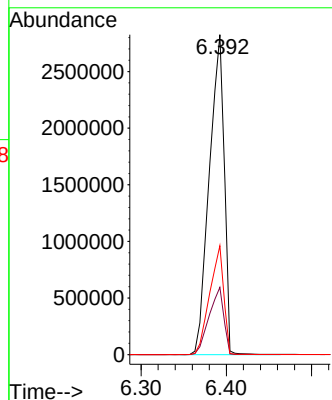


#7
Phenol-d6
Concen: 121.790 ng
RT: 6.392 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF132954.D
Acq: 21 Apr 2023 00:10

Instrument :
BNA_F
ClientSampleId :
SPC-1WC-23-04-17

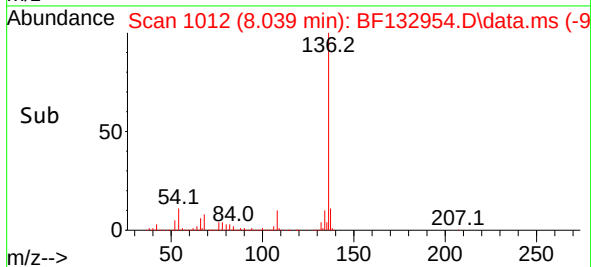
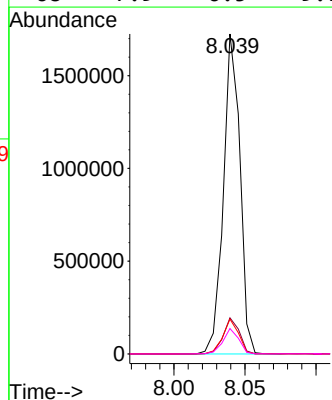
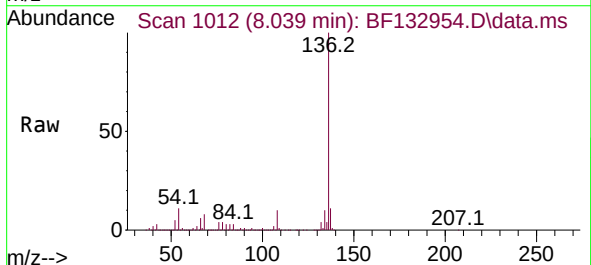


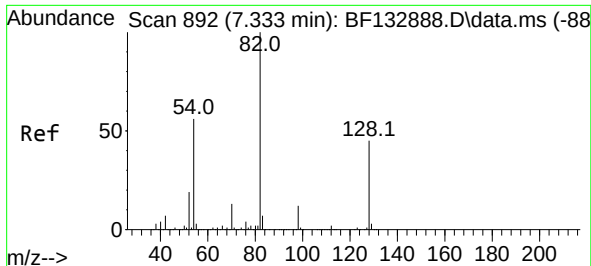
Tgt Ion: 99 Resp: 3433946
Ion Ratio Lower Upper
99 100
42 21.0 16.1 24.1
71 34.0 26.1 39.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF132954.D
Acq: 21 Apr 2023 00:10

Tgt Ion:136 Resp: 1395936
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 10.9 8.9 13.3
68 7.9 6.5 9.7





#23

Nitrobenzene-d5

Concen: 91.539 ng

RT: 7.328 min Scan# 89

Delta R.T. 0.000 min

Lab File: BF132954.D

Acq: 21 Apr 2023 00:10

Instrument :

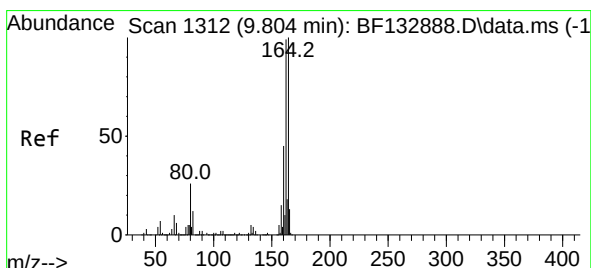
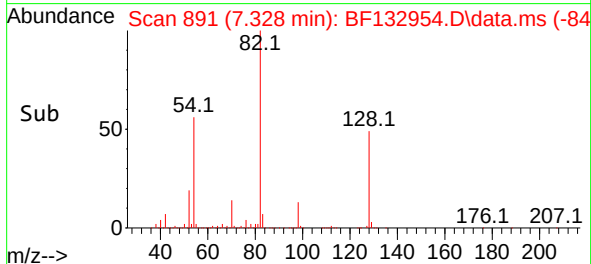
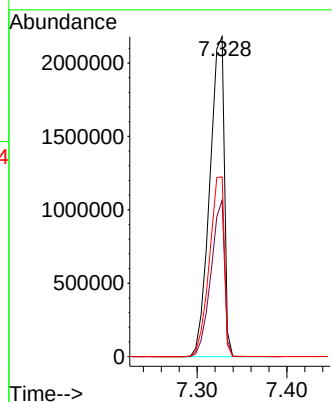
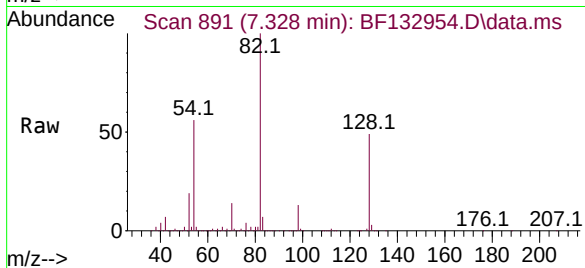
BNA_F

ClientSampleId :

SPC-1WC-23-04-17

Tgt Ion: 82 Resp: 2451469

Ion	Ratio	Lower	Upper
82	100		
128	48.8	35.7	53.5
54	56.2	44.7	67.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

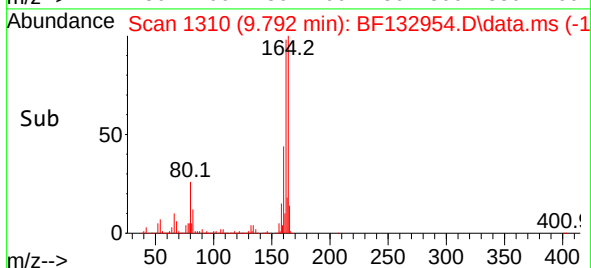
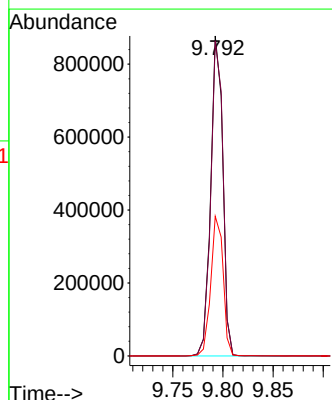
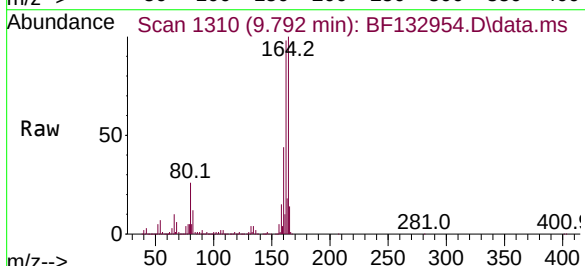
Delta R.T. -0.006 min

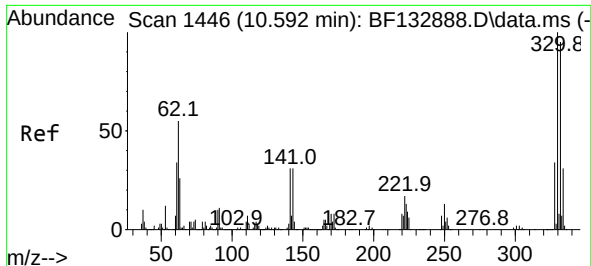
Lab File: BF132954.D

Acq: 21 Apr 2023 00:10

Tgt Ion: 164 Resp: 731032

Ion	Ratio	Lower	Upper
164	100		
162	98.5	79.1	118.7
160	43.6	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 151.480 ng

RT: 10.586 min Scan# 1445

Delta R.T. 0.000 min

Lab File: BF132954.D

Acq: 21 Apr 2023 00:10

Instrument :

BNA_F

ClientSampleId :

SPC-1WC-23-04-17

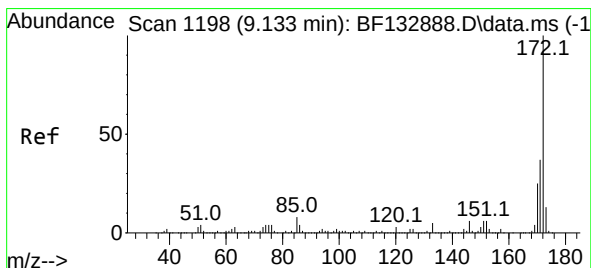
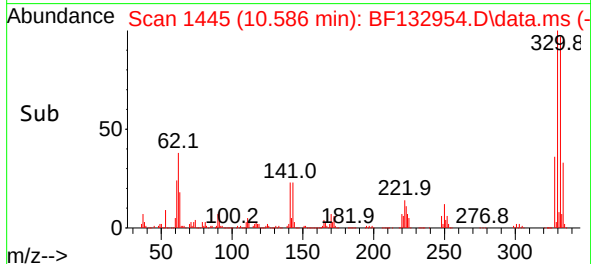
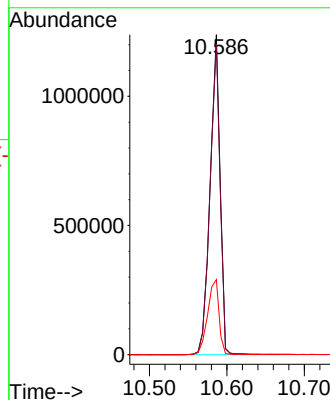
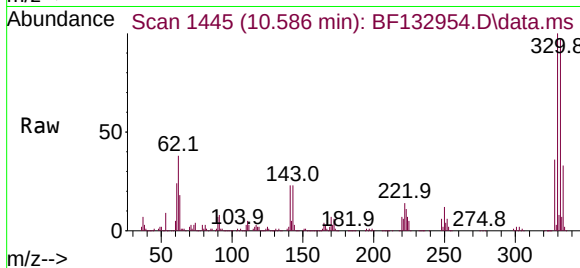
Tgt Ion:330 Resp: 1110693

Ion Ratio Lower Upper

330 100

332 97.8 76.3 114.5

141 26.7 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 81.782 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF132954.D

Acq: 21 Apr 2023 00:10

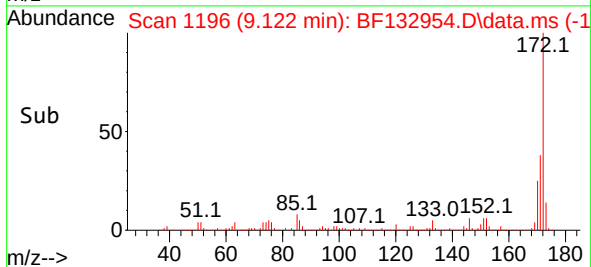
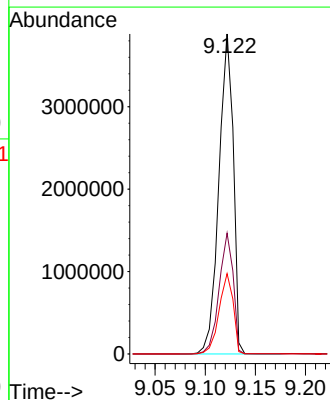
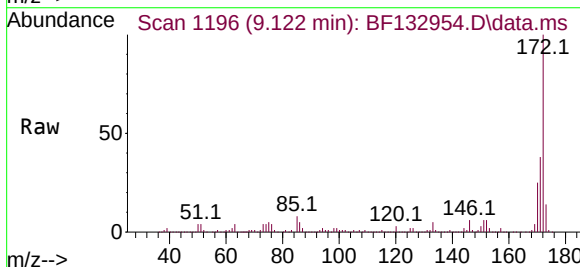
Tgt Ion:172 Resp: 3891710

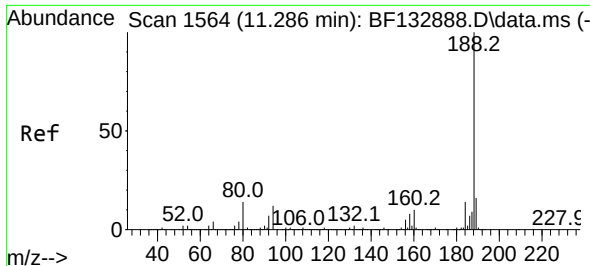
Ion Ratio Lower Upper

172 100

171 37.7 29.4 44.0

170 25.1 20.1 30.1

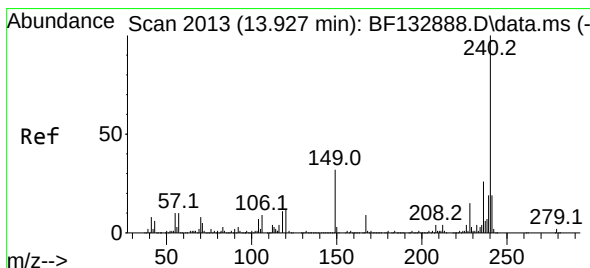
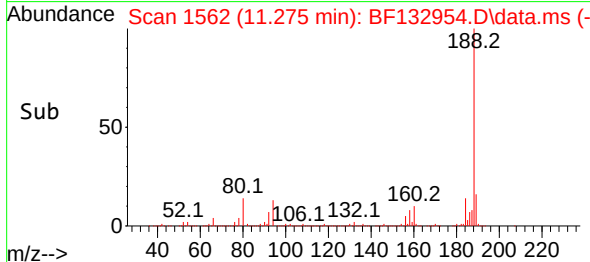
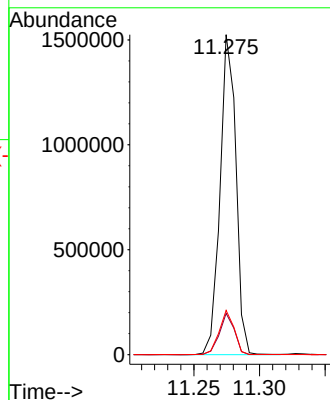
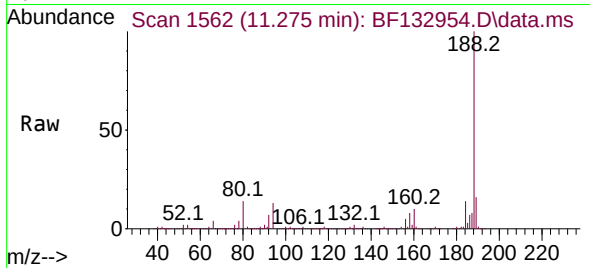




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132954.D
Acq: 21 Apr 2023 00:10

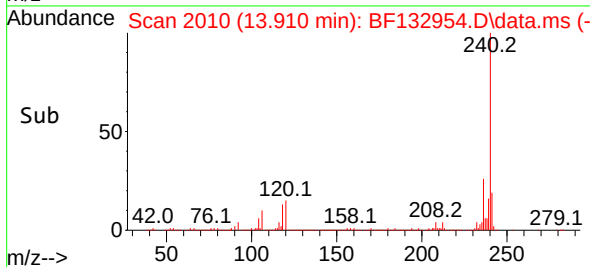
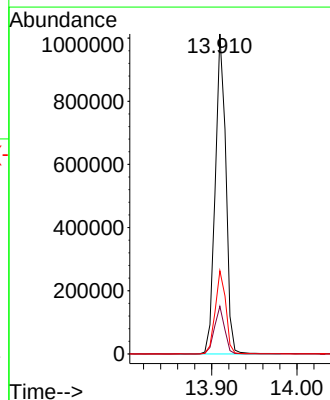
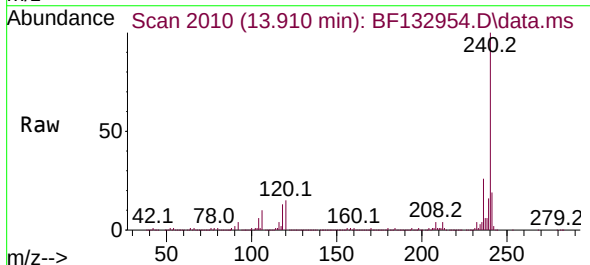
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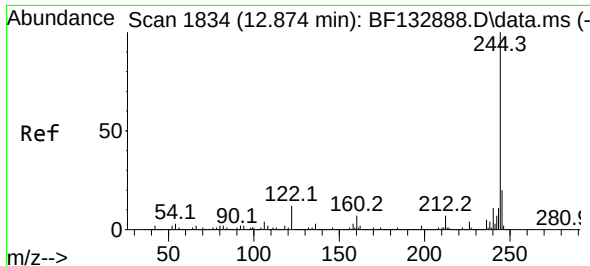
Tgt Ion:188 Resp: 1286301
Ion Ratio Lower Upper
188 100
94 12.9 9.9 14.9
80 13.8 10.8 16.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF132954.D
Acq: 21 Apr 2023 00:10

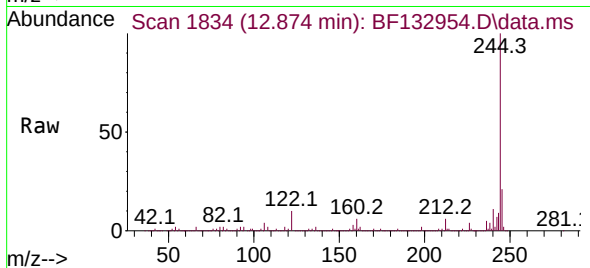
Tgt Ion:240 Resp: 873648
Ion Ratio Lower Upper
240 100
120 14.9 10.0 15.0
236 26.0 20.8 31.2



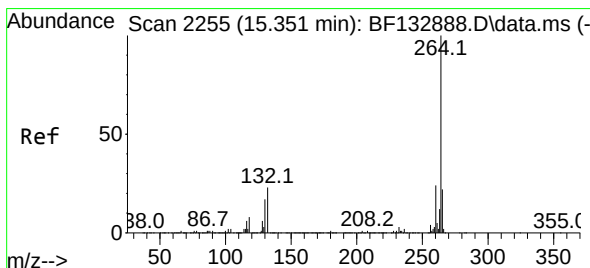
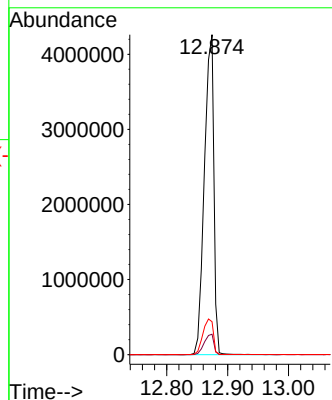
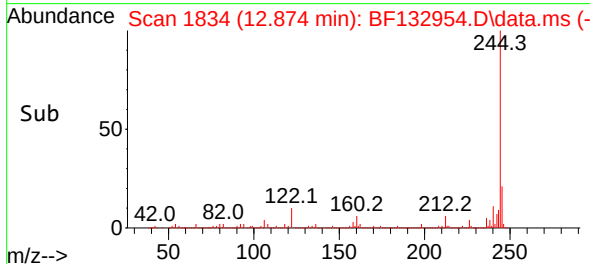


#79
 Terphenyl-d14
 Concen: 89.378 ng
 RT: 12.874 min Scan# 1834
 Delta R.T. 0.006 min
 Lab File: BF132954.D
 Acq: 21 Apr 2023 00:10

Instrument :
 BNA_F
 ClientSampleId :
 SPC-1WC-23-04-17



Tgt Ion:244 Resp: 4576899
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 10.3 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.339 min Scan# 2253
 Delta R.T. 0.000 min
 Lab File: BF132954.D
 Acq: 21 Apr 2023 00:10

Tgt Ion:264 Resp: 700634
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 22.1 17.7 26.5

