

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132955.D
 Acq On : 21 Apr 2023 00:41
 Operator : CG\JU
 Sample : 02389-32
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPB-8WC-23-04-17

Quant Time: Apr 21 02:20:08 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	338467	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	1378045	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	713927	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	1250777	20.000	ng	0.00
76) Chrysene-d12	13.910	240	833308	20.000	ng	# 0.00
86) Perylene-d12	15.339	264	694432	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2765930	127.782	ng	0.02
7) Phenol-d6	6.392	99	3323428	120.324	ng	0.00
23) Nitrobenzene-d5	7.322	82	2407963	91.082	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	1074729	150.087	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	3863453	83.133	ng	0.00
79) Terphenyl-d14	12.868	244	4590510	93.984	ng	0.00

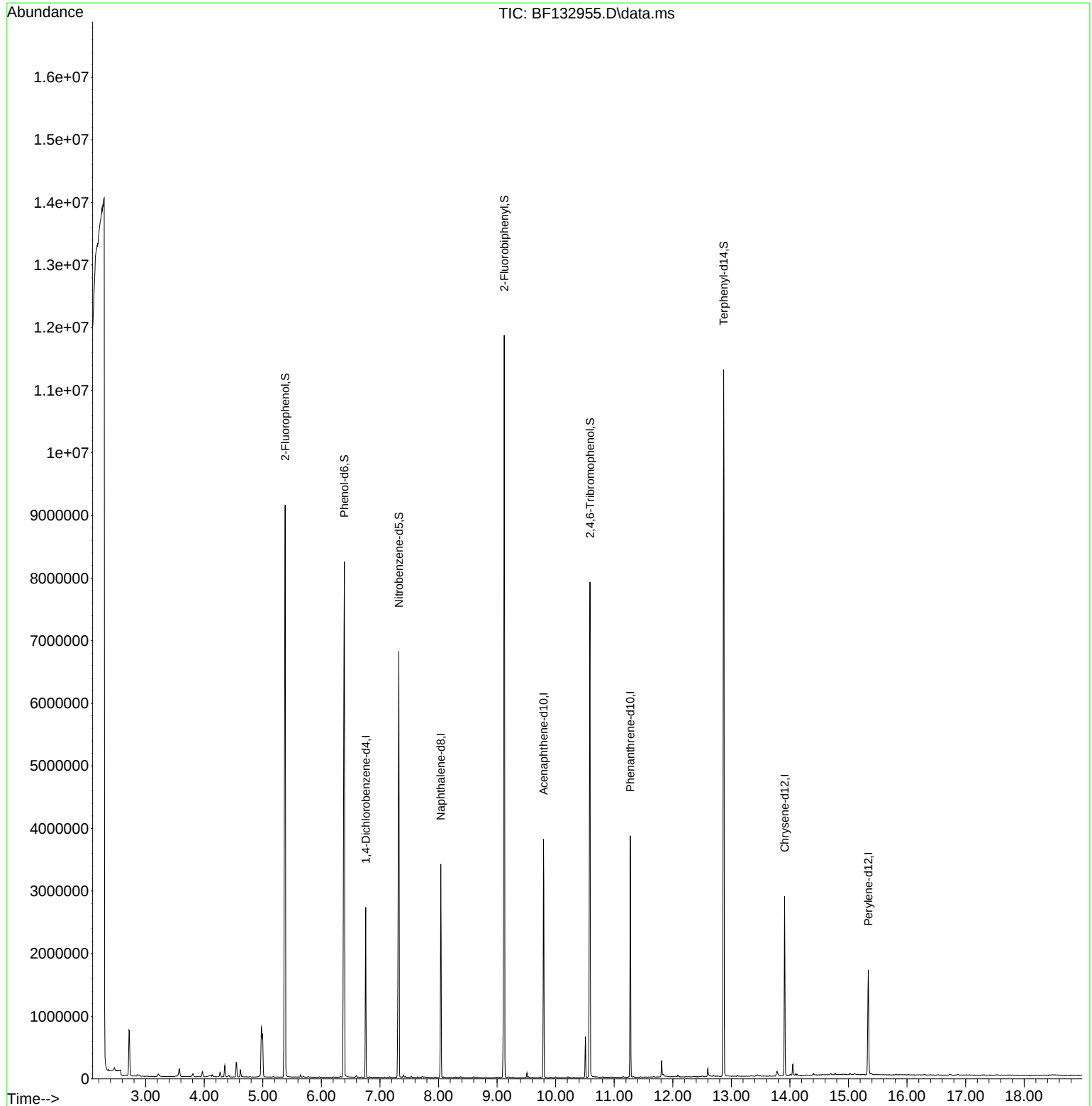
Target Compounds Qvalue

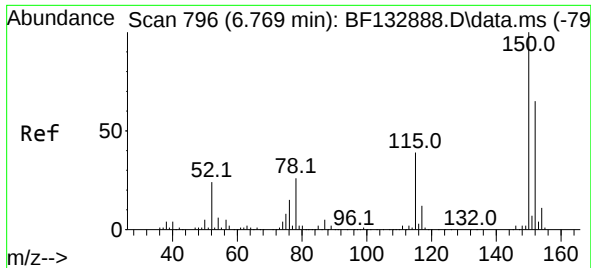
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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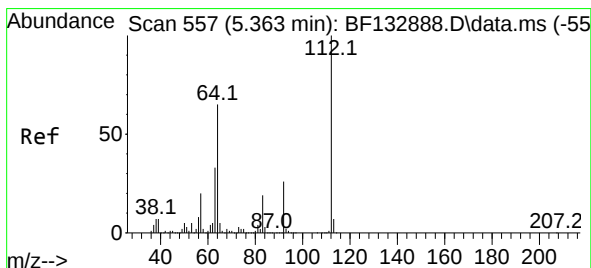
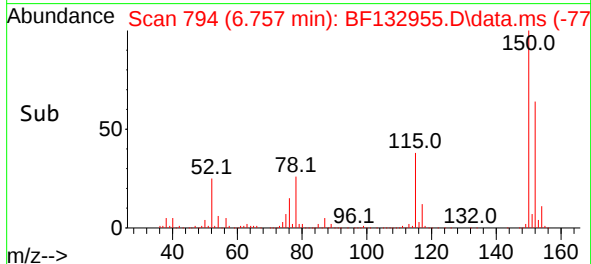
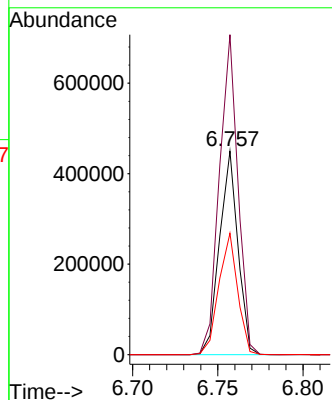
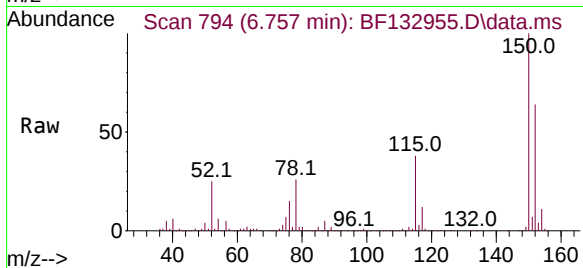




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132955.D
Acq: 21 Apr 2023 00:41

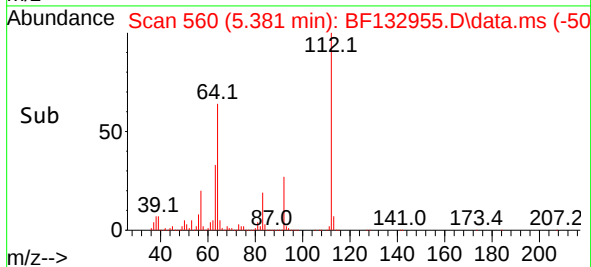
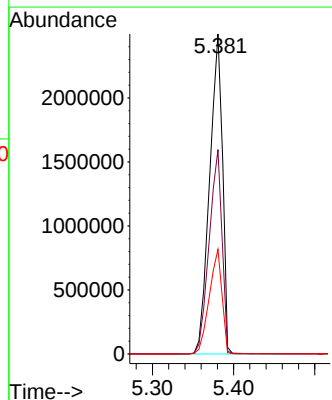
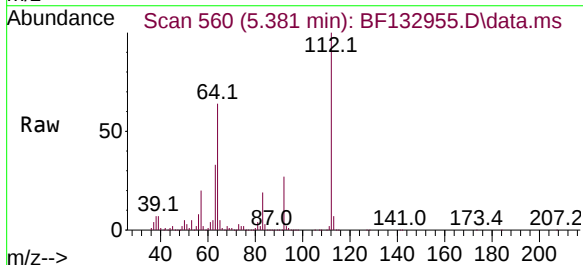
Instrument :
BNA_F
ClientSampleId :
SPB-8WC-23-04-17

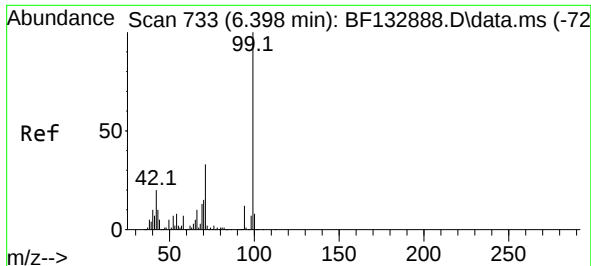
Tgt Ion:152 Resp: 338467
Ion Ratio Lower Upper
152 100
150 157.2 122.8 184.2
115 59.7 47.3 70.9



#5
2-Fluorophenol
Concen: 127.782 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.024 min
Lab File: BF132955.D
Acq: 21 Apr 2023 00:41

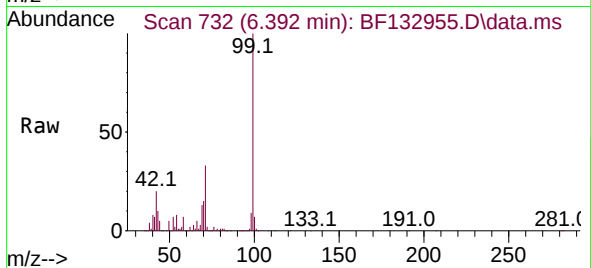
Tgt Ion:112 Resp: 2765930
Ion Ratio Lower Upper
112 100
64 63.8 51.8 77.8
63 32.7 26.3 39.5





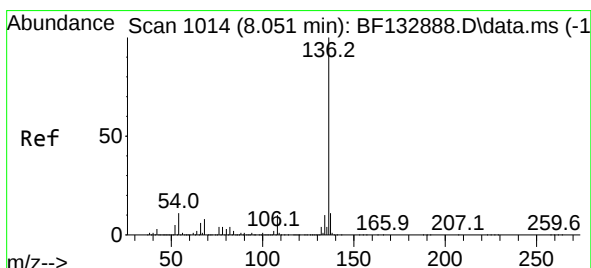
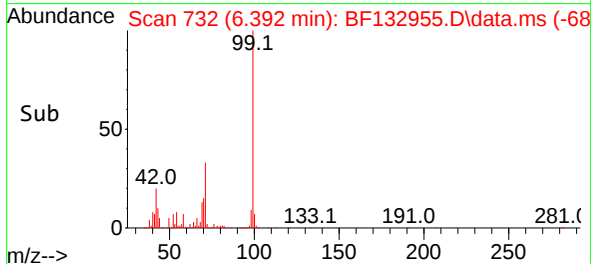
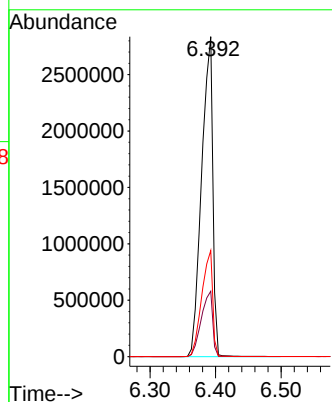
#7
Phenol-d6
Concen: 120.324 ng
RT: 6.392 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF132955.D
Acq: 21 Apr 2023 00:41

Instrument :
BNA_F
ClientSampleId :
SPB-8WC-23-04-17



Tgt Ion: 99 Resp: 3323428

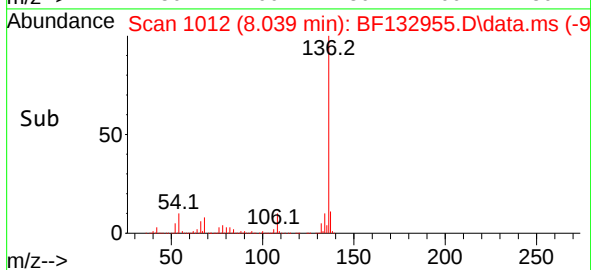
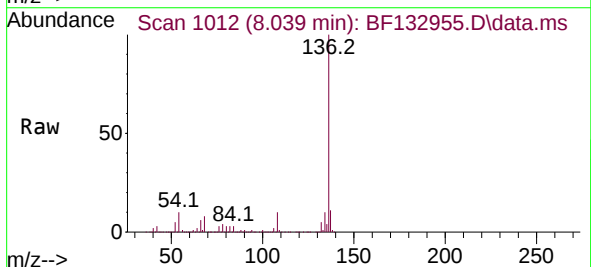
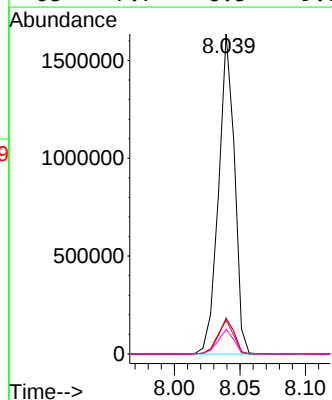
Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.1	24.1
71	33.1	26.1	39.1

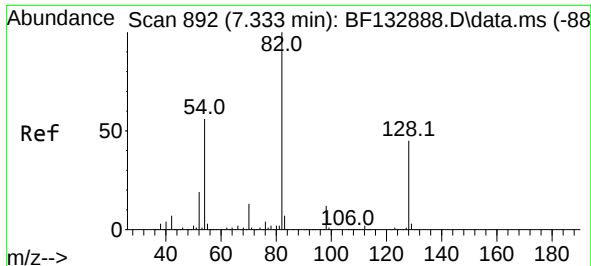


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF132955.D
Acq: 21 Apr 2023 00:41

Tgt Ion: 136 Resp: 1378045

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	10.5	8.9	13.3
68	7.7	6.5	9.7





#23

Nitrobenzene-d5

Concen: 91.082 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF132955.D

Acq: 21 Apr 2023 00:41

Instrument :

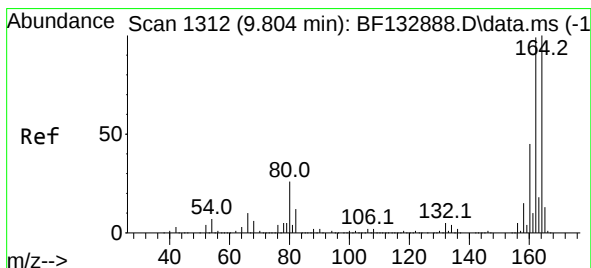
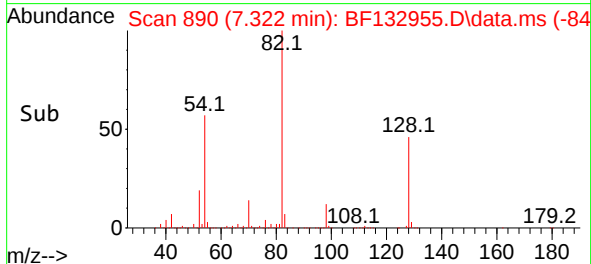
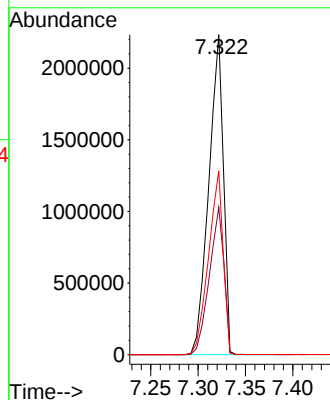
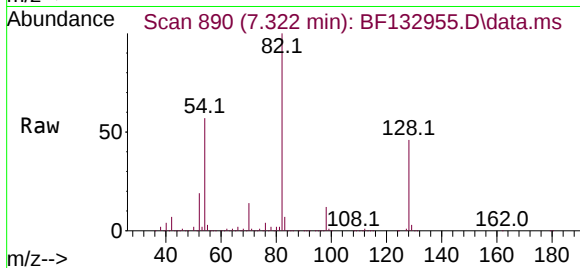
BNA_F

ClientSampleId :

SPB-8WC-23-04-17

Tgt Ion: 82 Resp: 2407963

Ion	Ratio	Lower	Upper
82	100		
128	46.0	35.7	53.5
54	57.4	44.7	67.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

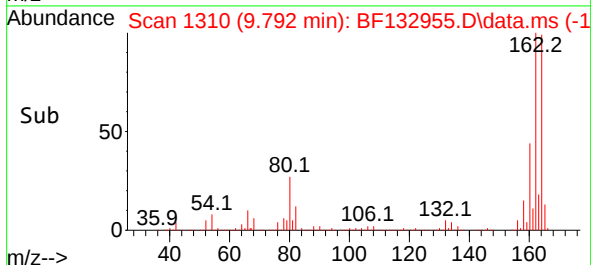
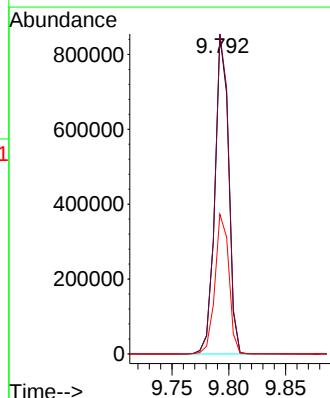
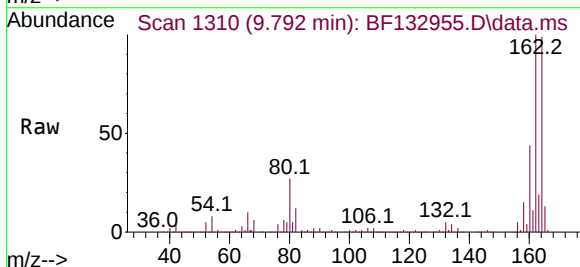
Delta R.T. -0.006 min

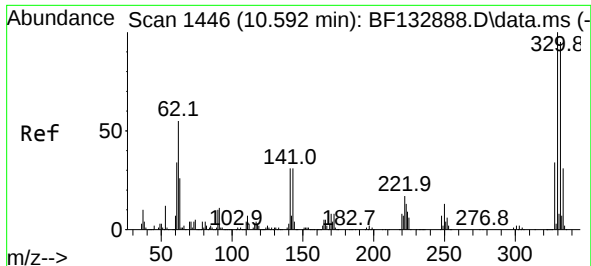
Lab File: BF132955.D

Acq: 21 Apr 2023 00:41

Tgt Ion: 164 Resp: 713927

Ion	Ratio	Lower	Upper
164	100		
162	100.5	79.1	118.7
160	43.9	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 150.087 ng

RT: 10.586 min Scan# 1445

Delta R.T. 0.000 min

Lab File: BF132955.D

Acq: 21 Apr 2023 00:41

Instrument :

BNA_F

ClientSampleId :

SPB-8WC-23-04-17

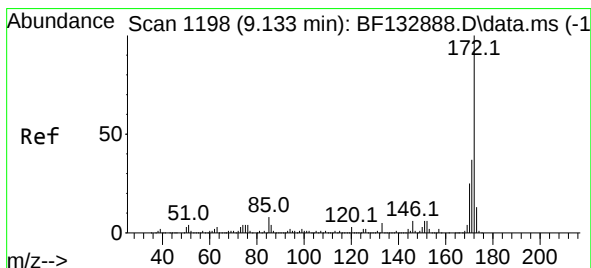
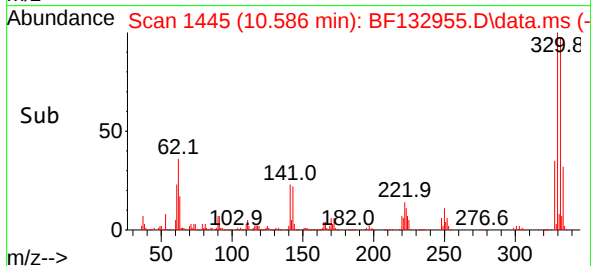
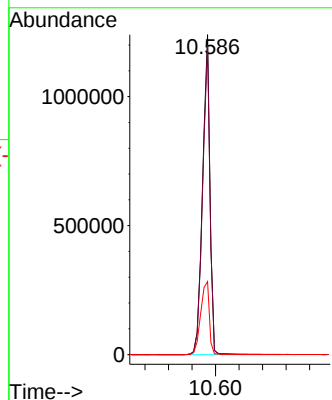
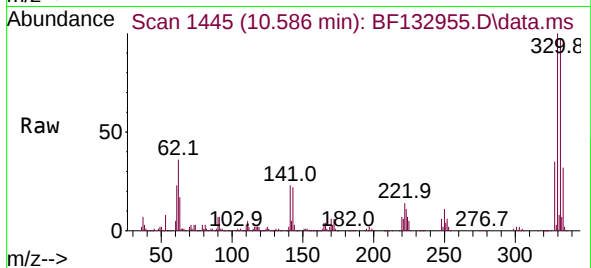
Tgt Ion:330 Resp: 1074729

Ion Ratio Lower Upper

330 100

332 96.7 76.3 114.5

141 26.7 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 83.133 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF132955.D

Acq: 21 Apr 2023 00:41

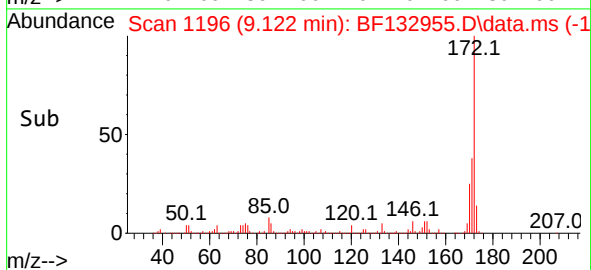
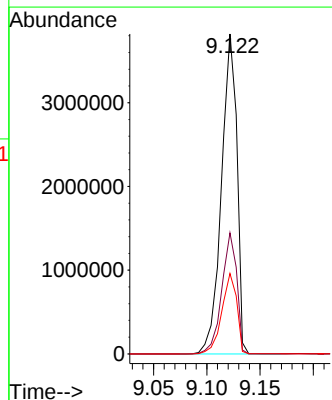
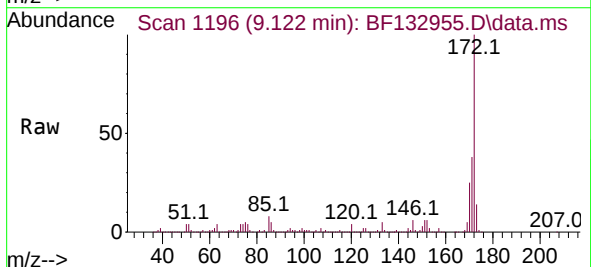
Tgt Ion:172 Resp: 3863453

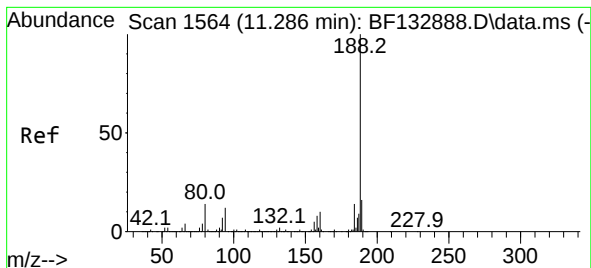
Ion Ratio Lower Upper

172 100

171 37.9 29.4 44.0

170 25.1 20.1 30.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.274 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132955.D

Acq: 21 Apr 2023 00:41

Instrument :

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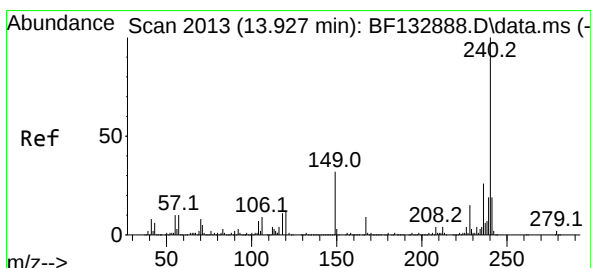
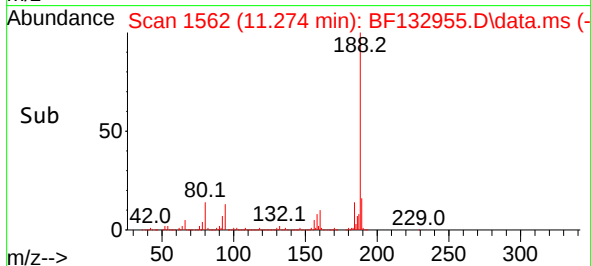
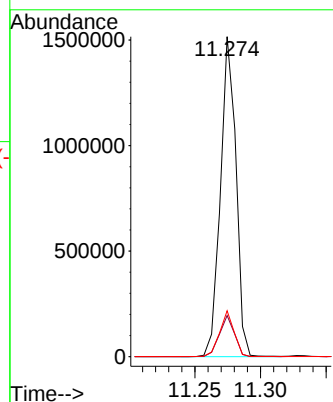
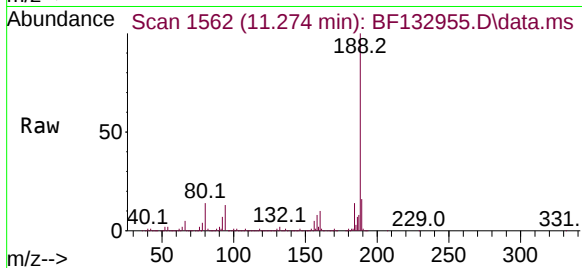
Tgt Ion:188 Resp: 1250777

Ion Ratio Lower Upper

188 100

94 12.8 9.9 14.9

80 14.3 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: BF132955.D

Acq: 21 Apr 2023 00:41

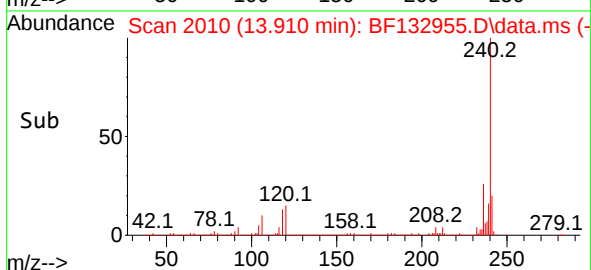
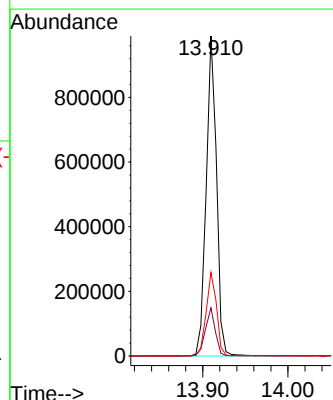
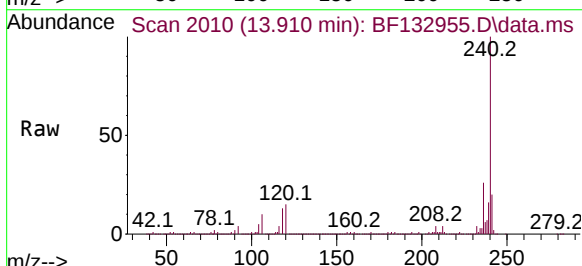
Tgt Ion:240 Resp: 833308

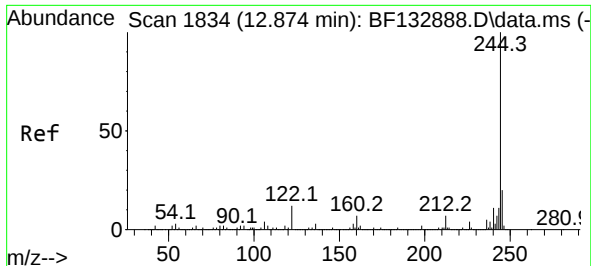
Ion Ratio Lower Upper

240 100

120 15.0 10.0 15.0#

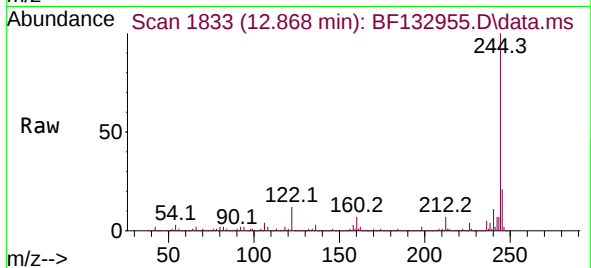
236 26.1 20.8 31.2



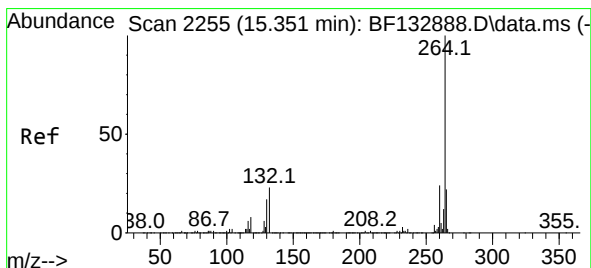
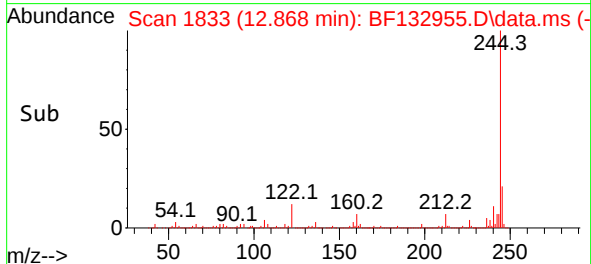
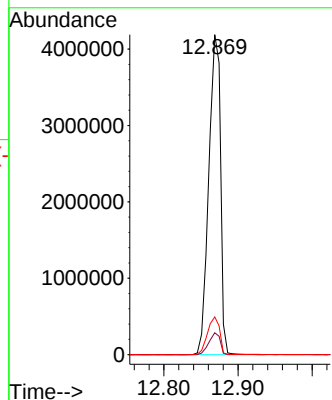


#79
 Terphenyl-d14
 Concen: 93.984 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: BF132955.D
 Acq: 21 Apr 2023 00:41

Instrument :
 BNA_F
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 SPB-8WC-23-04-17



Tgt Ion:244 Resp: 4590510
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.8 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: BF132955.D
 Acq: 21 Apr 2023 00:41

Tgt Ion:264 Resp: 694432
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.6
 265 21.5 17.7 26.5

