

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132956.D
 Acq On : 21 Apr 2023 01:12
 Operator : CG\JU
 Sample : 02389-24
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPB-6WC-23-04-17

Quant Time: Apr 21 03:56:19 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)

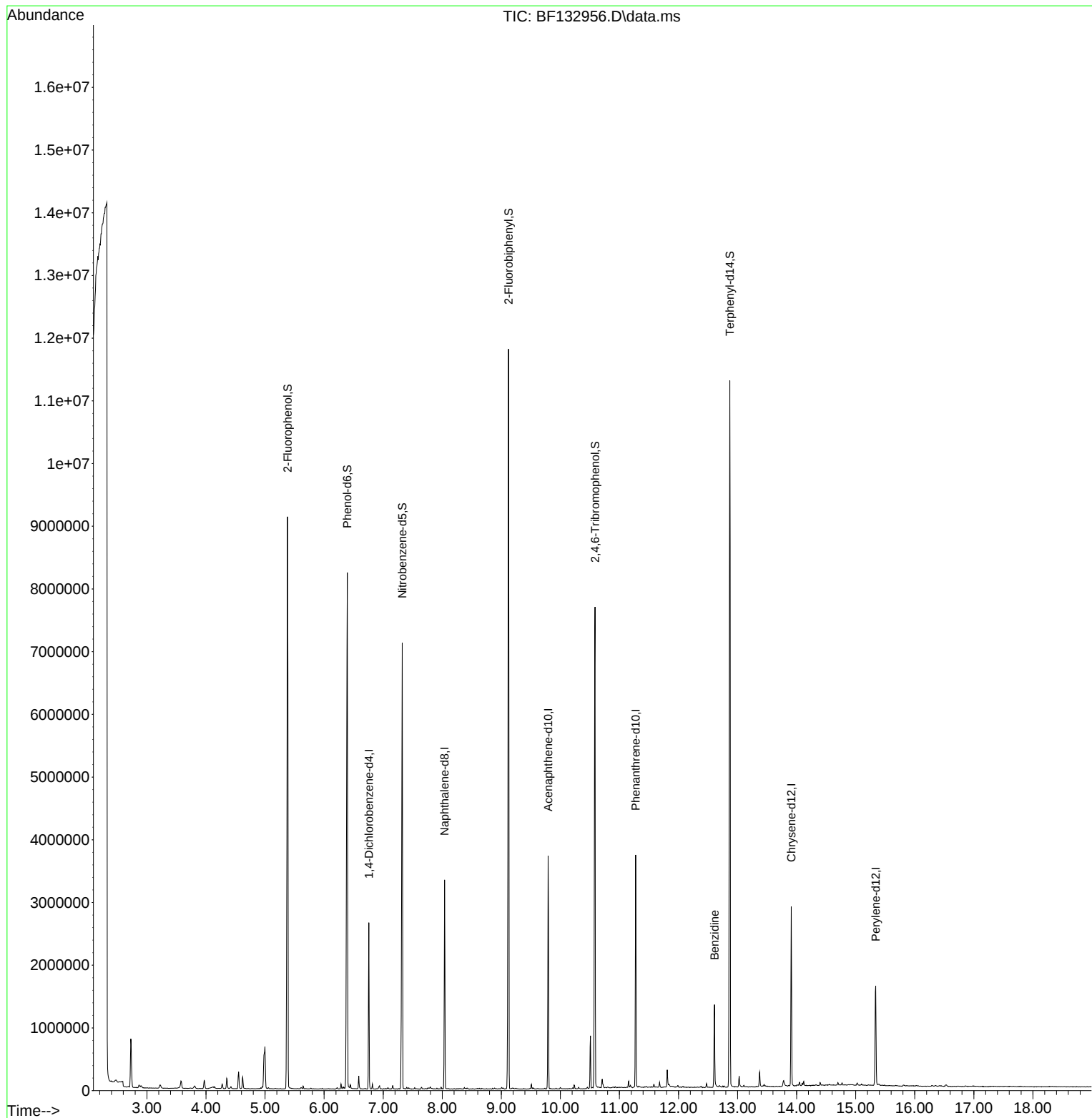
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	327621	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	1332103	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	687375	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	1201816	20.000	ng	0.00
76) Chrysene-d12	13.910	240	825400	20.000	ng	0.00
86) Perylene-d12	15.339	264	676389	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2836029	135.358	ng	0.02
7) Phenol-d6	6.392	99	3403186	127.290	ng	0.00
23) Nitrobenzene-d5	7.322	82	2345965	91.797	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	1058189	153.485	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	3799221	84.909	ng	0.00
79) Terphenyl-d14	12.868	244	4594581	94.968	ng	0.00
Target Compounds						
77) Benzidine	12.610	184	451501	35.115	ng	Qvalue 96

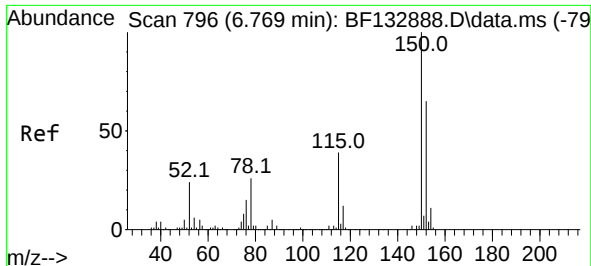
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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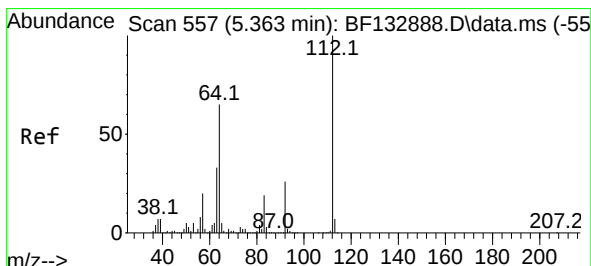
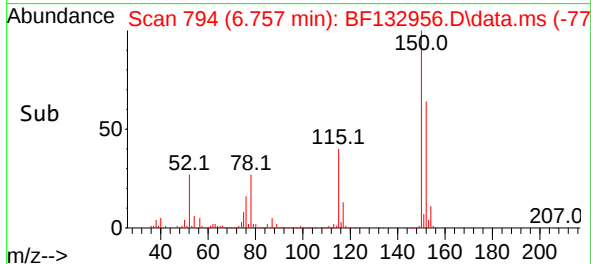
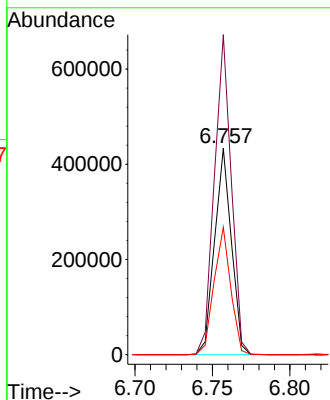
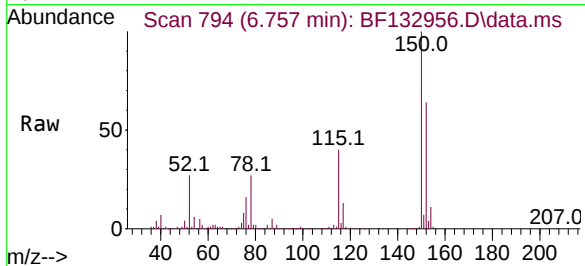




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132956.D
Acq: 21 Apr 2023 01:12

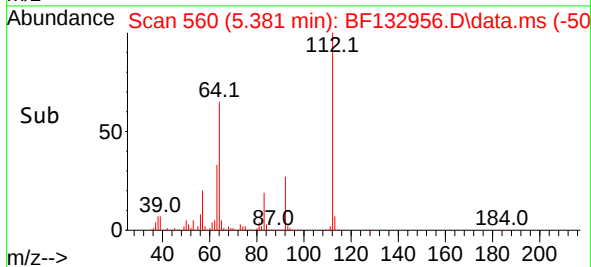
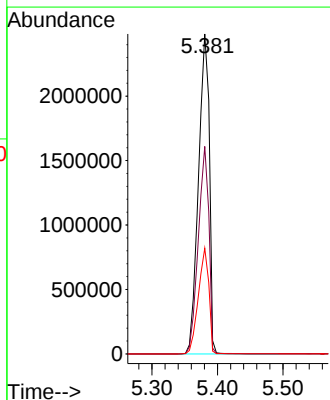
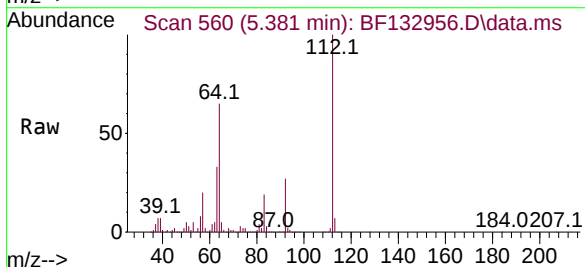
Instrument :
BNA_F
ClientSampleId :
SPB-6WC-23-04-17

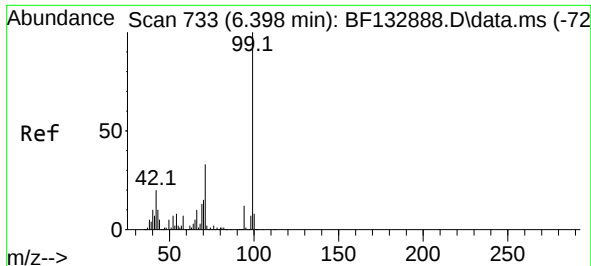
Tgt Ion:152 Resp: 327621
Ion Ratio Lower Upper
152 100
150 155.1 122.8 184.2
115 61.7 47.3 70.9



#5
2-Fluorophenol
Concen: 135.358 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.023 min
Lab File: BF132956.D
Acq: 21 Apr 2023 01:12

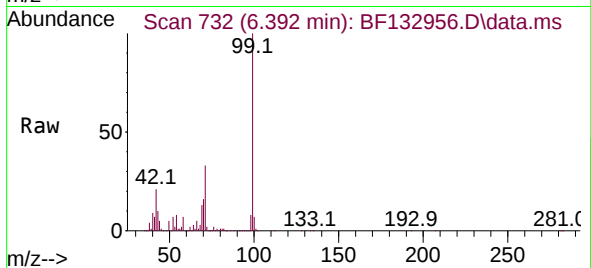
Tgt Ion:112 Resp: 2836029
Ion Ratio Lower Upper
112 100
64 64.8 51.8 77.8
63 33.0 26.3 39.5



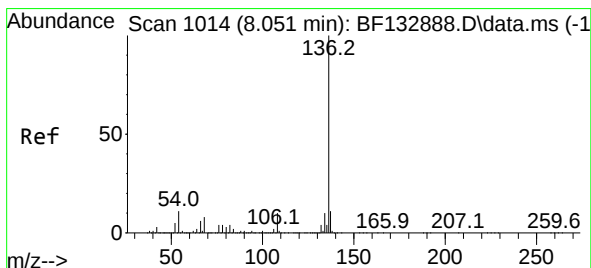
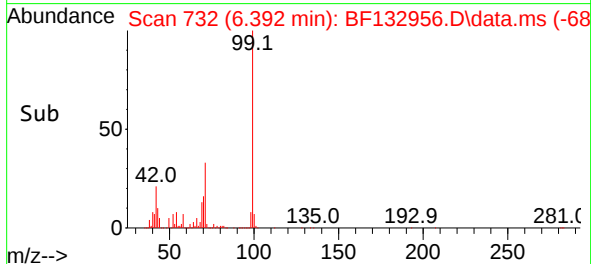
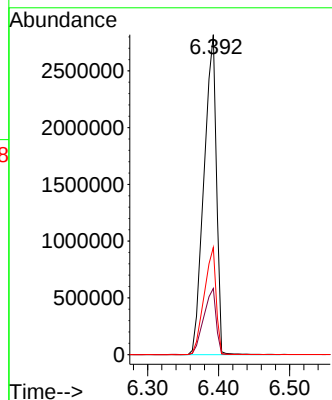


#7
Phenol-d6
Concen: 127.290 ng
RT: 6.392 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF132956.D
Acq: 21 Apr 2023 01:12

Instrument :
BNA_F
ClientSampleId :
SPB-6WC-23-04-17

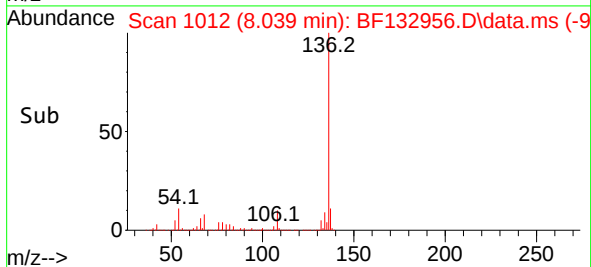
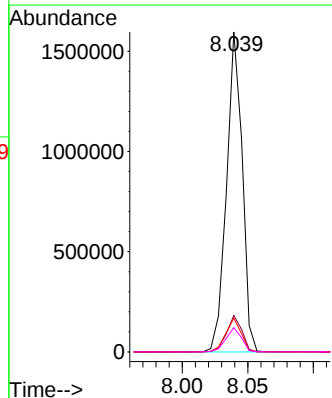
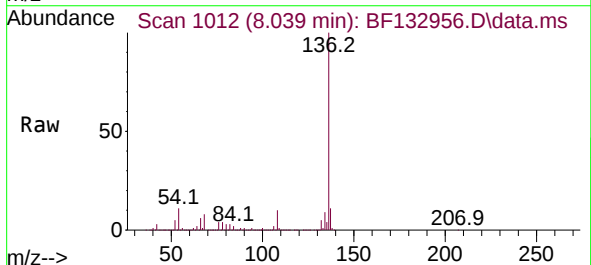


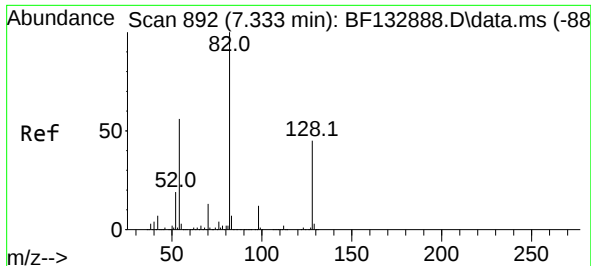
Tgt Ion: 99 Resp: 3403186
Ion Ratio Lower Upper
99 100
42 20.7 16.1 24.1
71 33.5 26.1 39.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF132956.D
Acq: 21 Apr 2023 01:12

Tgt Ion:136 Resp: 1332103
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 10.5 8.9 13.3
68 7.6 6.5 9.7





#23

Nitrobenzene-d5

Concen: 91.797 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF132956.D

Acq: 21 Apr 2023 01:12

Instrument :

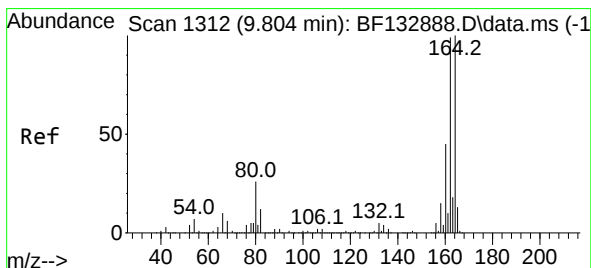
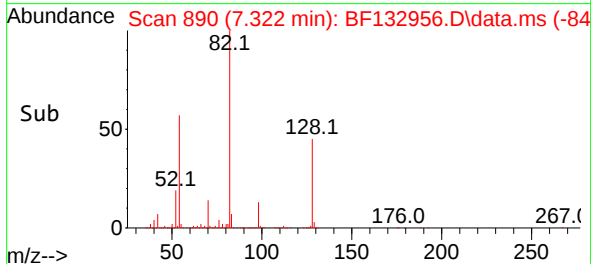
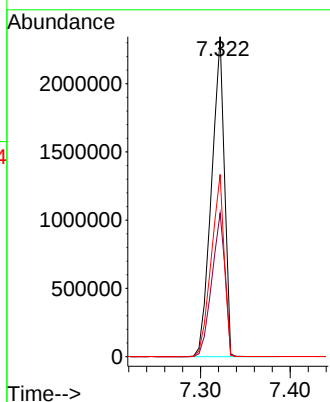
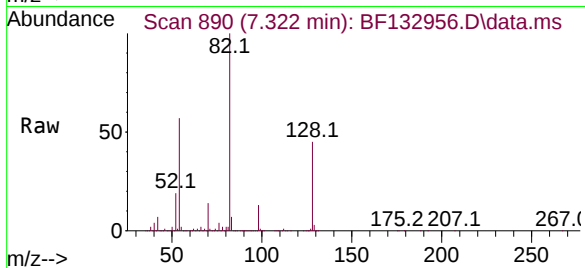
BNA_F

ClientSampleId :

SPB-6WC-23-04-17

Tgt Ion: 82 Resp: 2345965

Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.7	53.5
54	56.9	44.7	67.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

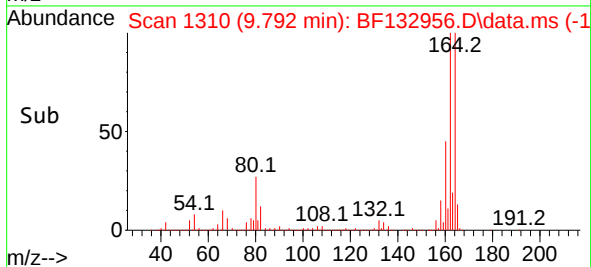
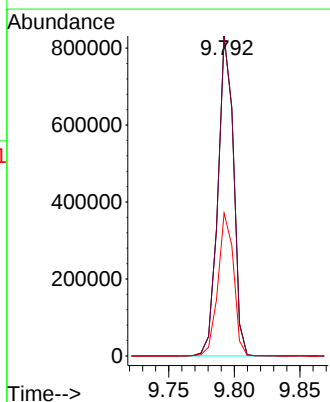
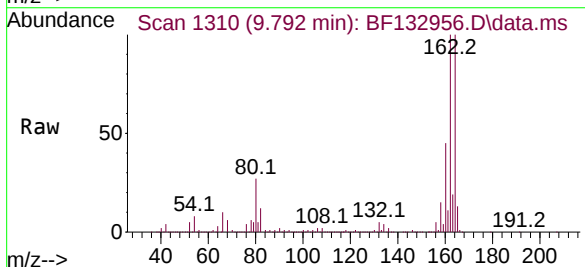
Delta R.T. -0.006 min

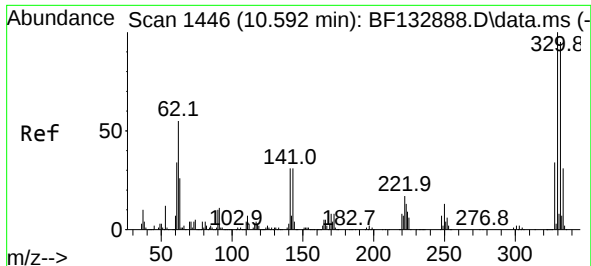
Lab File: BF132956.D

Acq: 21 Apr 2023 01:12

Tgt Ion: 164 Resp: 687375

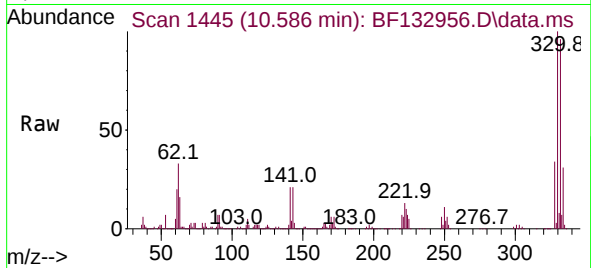
Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.1	118.7
160	44.6	35.6	53.4



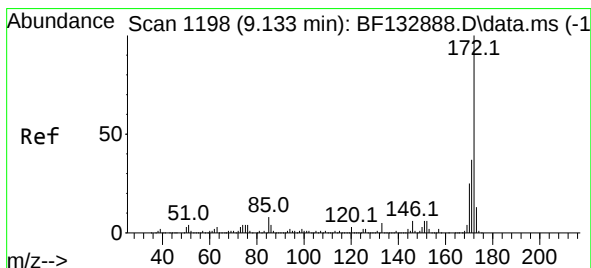
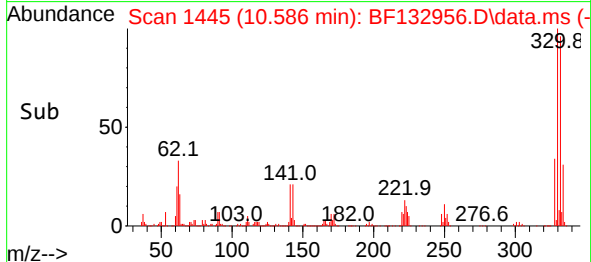
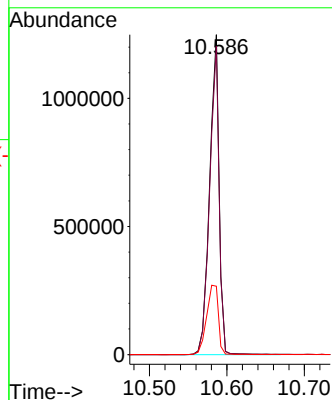


#42
2,4,6-Tribromophenol
Concen: 153.485 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF132956.D
Acq: 21 Apr 2023 01:12

Instrument :
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ClientSampleId :
SPB-6WC-23-04-17

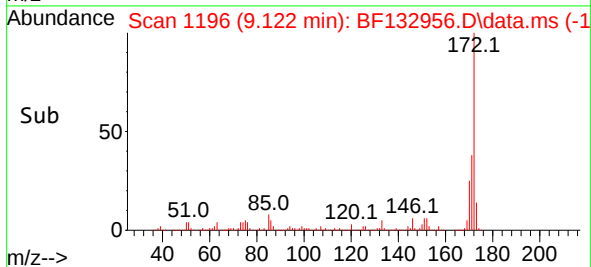
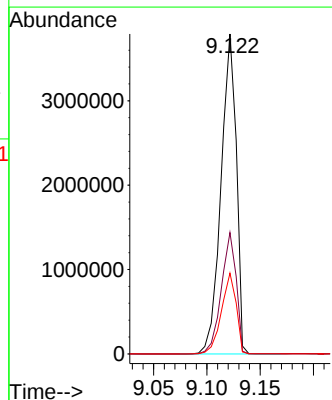
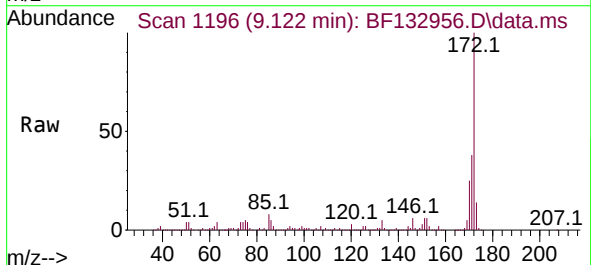


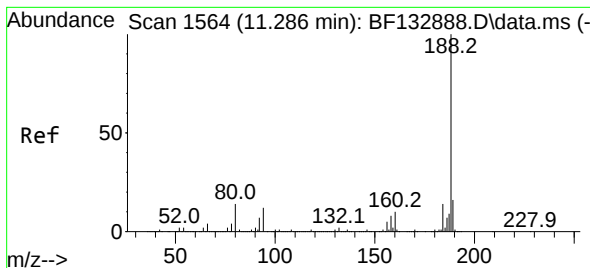
Tgt Ion:330 Resp: 1058189
Ion Ratio Lower Upper
330 100
332 96.9 76.3 114.5
141 27.1 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 84.909 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF132956.D
Acq: 21 Apr 2023 01:12

Tgt Ion:172 Resp: 3799221
Ion Ratio Lower Upper
172 100
171 37.9 29.4 44.0
170 25.2 20.1 30.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.274 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132956.D

Acq: 21 Apr 2023 01:12

Instrument :

BNA_F

ClientSampleId :

SPB-6WC-23-04-17

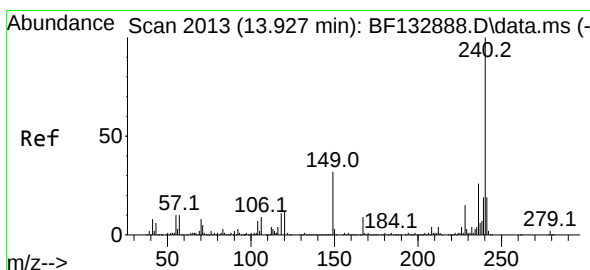
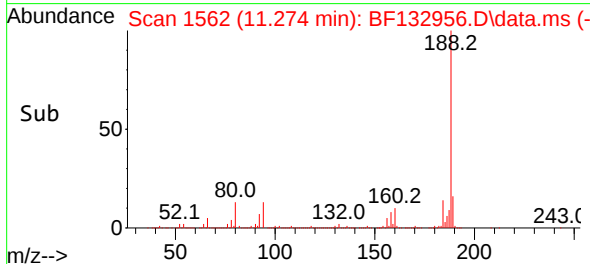
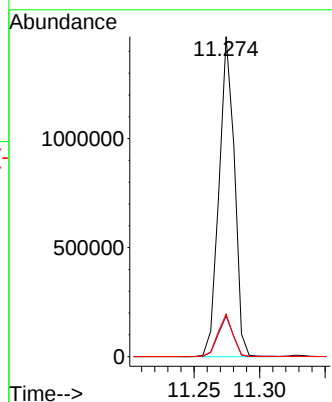
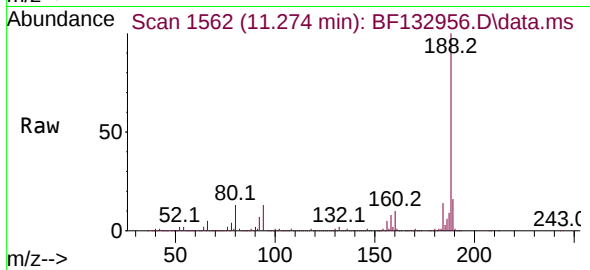
Tgt Ion:188 Resp: 1201816

Ion Ratio Lower Upper

188 100

94 12.7 9.9 14.9

80 13.3 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: BF132956.D

Acq: 21 Apr 2023 01:12

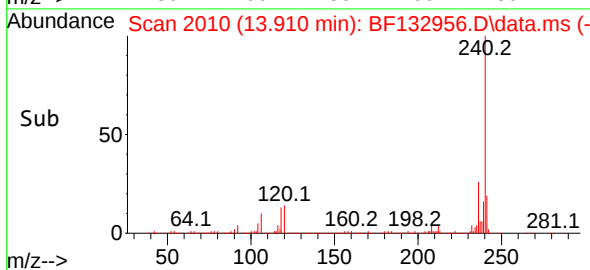
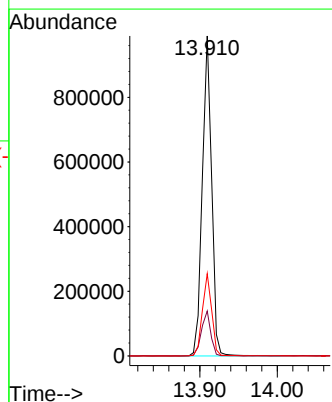
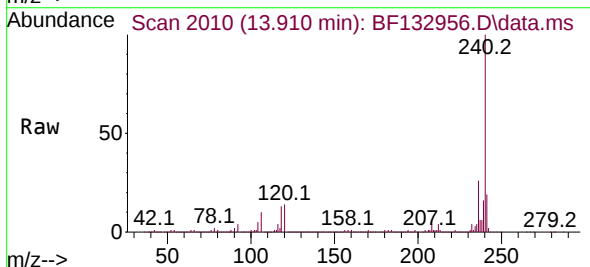
Tgt Ion:240 Resp: 825400

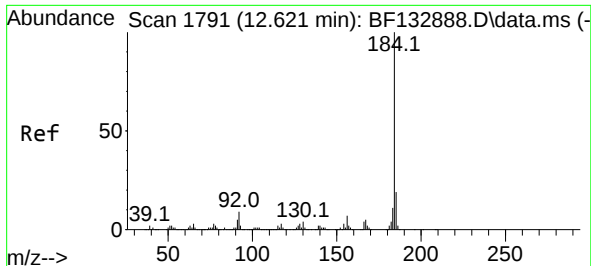
Ion Ratio Lower Upper

240 100

120 14.0 10.0 15.0

236 25.7 20.8 31.2

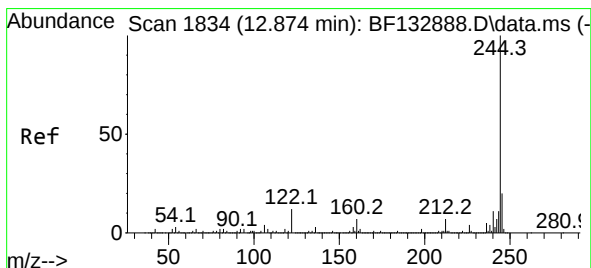
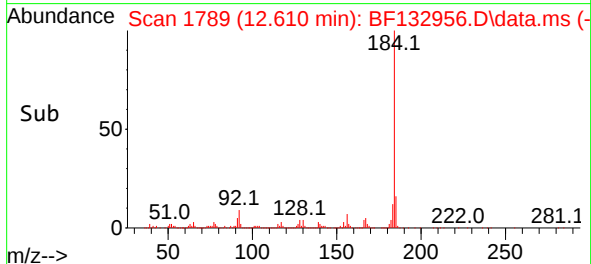
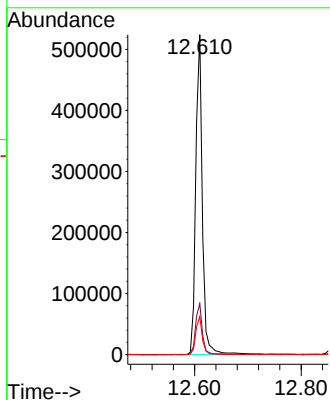
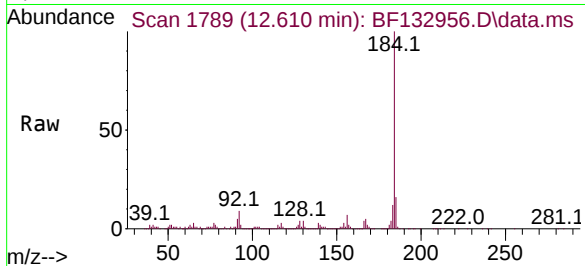




#77
Benzidine
Concen: 35.115 ng
RT: 12.610 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BF132956.D
Acq: 21 Apr 2023 01:12

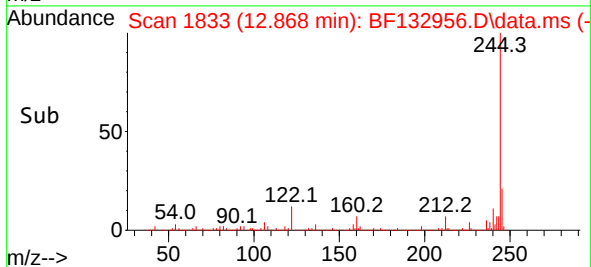
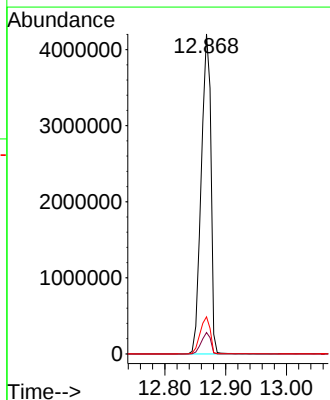
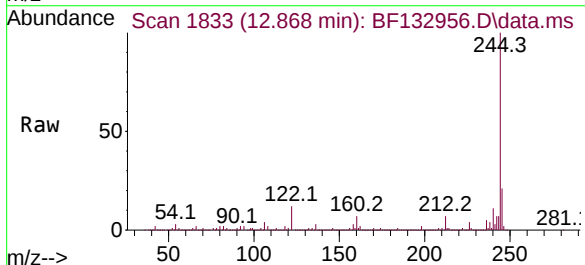
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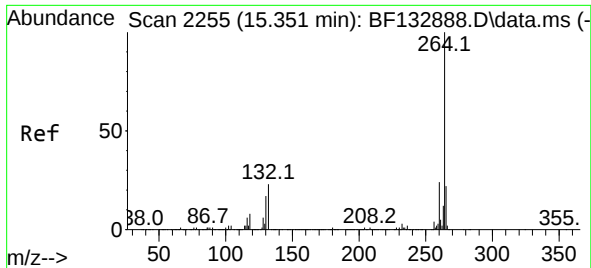
Tgt Ion:184 Resp: 451501
Ion Ratio Lower Upper
184 100
185 15.9 14.9 22.3
183 11.9 9.0 13.6



#79
Terphenyl-d14
Concen: 94.968 ng
RT: 12.868 min Scan# 1833
Delta R.T. -0.000 min
Lab File: BF132956.D
Acq: 21 Apr 2023 01:12

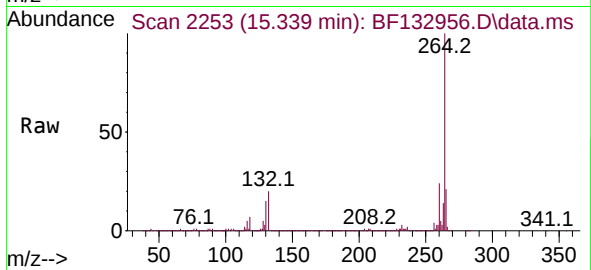
Tgt Ion:244 Resp: 4594581
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 11.6 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.339 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF132956.D
Acq: 21 Apr 2023 01:12

Instrument :
BNA_F
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Tgt Ion:264 Resp: 676389
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 21.3 17.7 26.5

