

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132957.D
 Acq On : 21 Apr 2023 01:43
 Operator : CG\JU
 Sample : 02389-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPB-4WC-23-04-17

Quant Time: Apr 21 03:56:42 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	328835	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	1377174	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	736505	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	1259106	20.000	ng	0.00
76) Chrysene-d12	13.910	240	793250	20.000	ng	0.00
86) Perylene-d12	15.339	264	643521	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	2913528	138.544	ng	0.03
7) Phenol-d6	6.393	99	3572234	133.120	ng	0.00
23) Nitrobenzene-d5	7.322	82	2430759	92.002	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	1107702	149.949	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	4005227	83.542	ng	0.00
79) Terphenyl-d14	12.869	244	4631970	99.622	ng	0.00

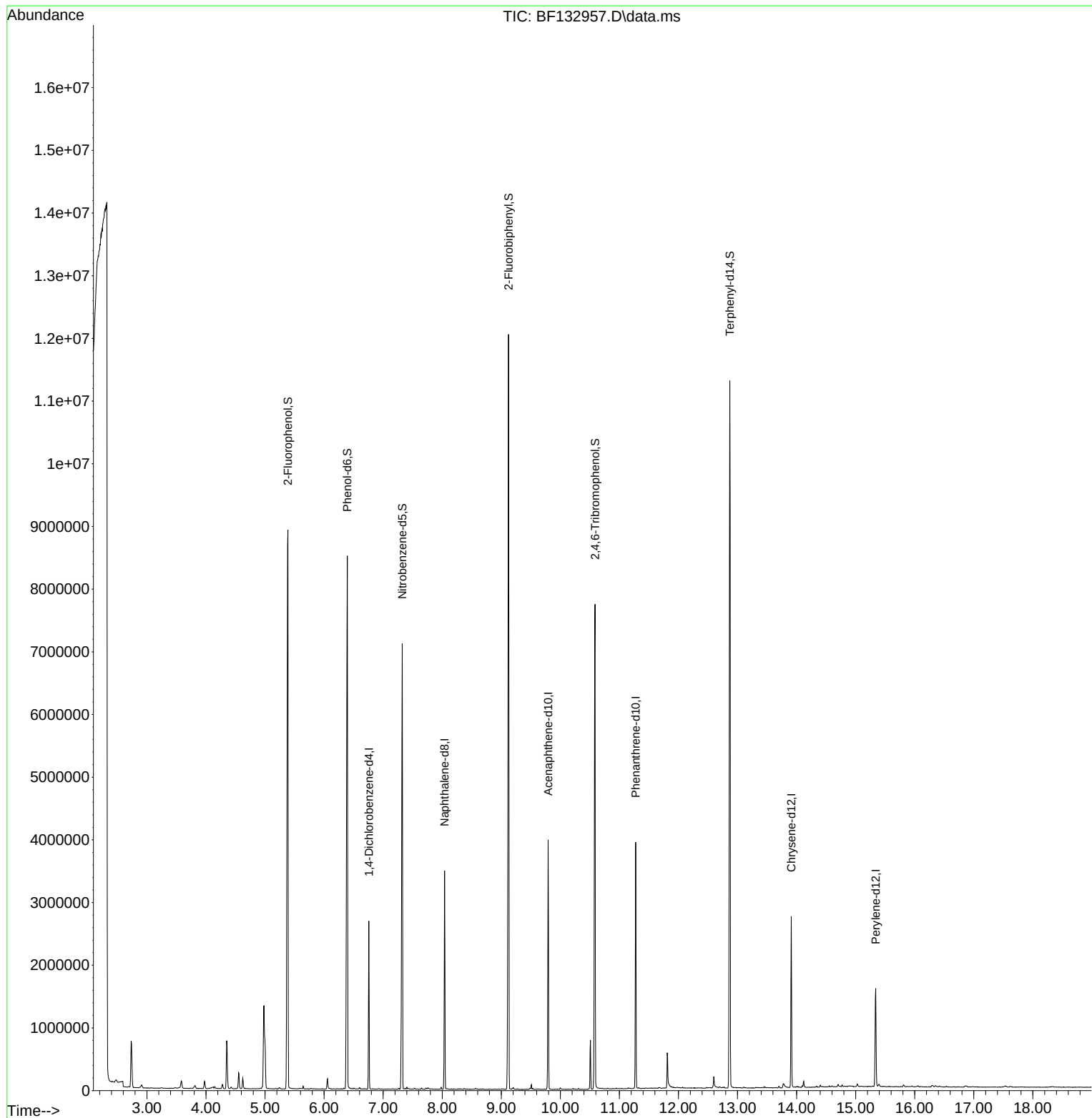
Target Compounds	Qvalue

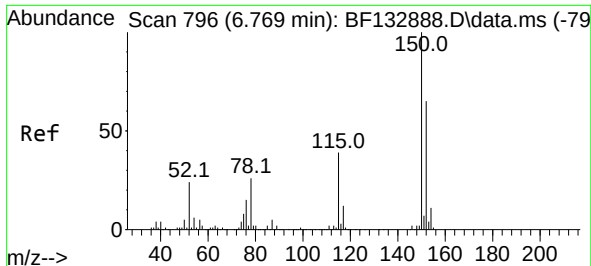
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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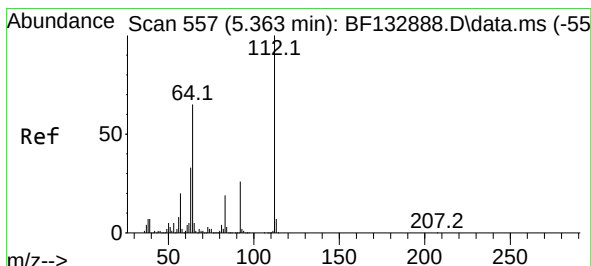
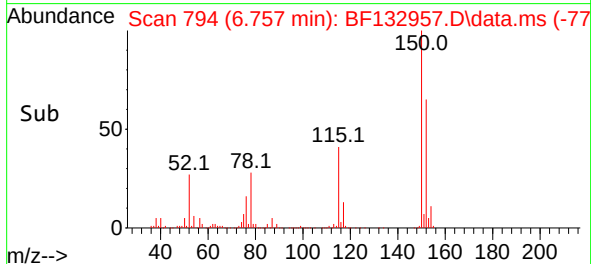
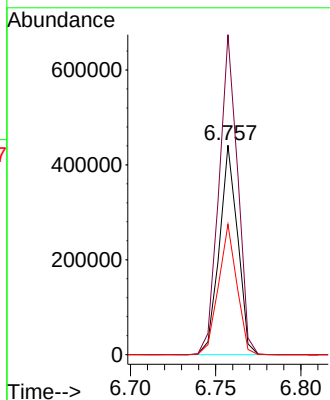
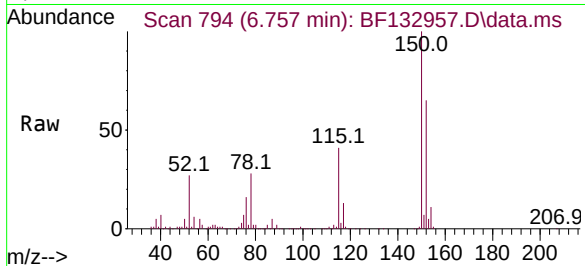




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132957.D
Acq: 21 Apr 2023 01:43

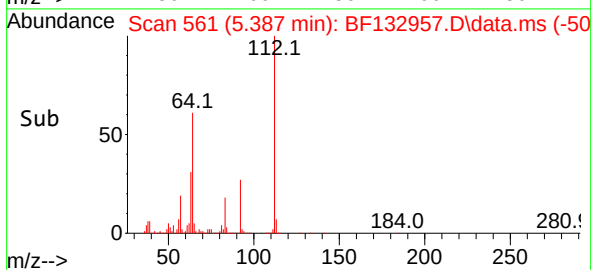
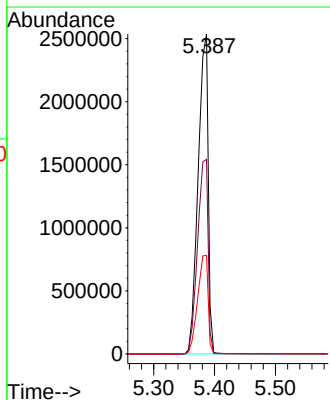
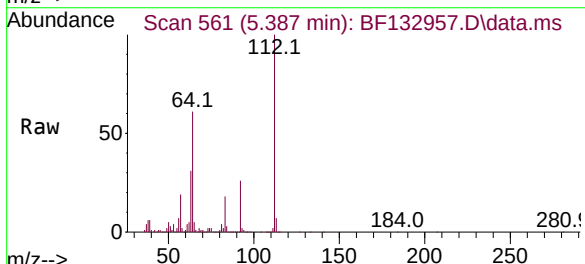
Instrument :
BNA_F
ClientSampleId :
SPB-4WC-23-04-17

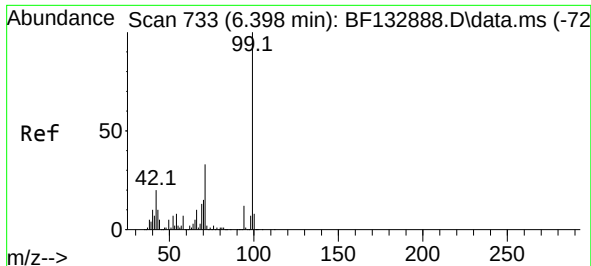
Tgt Ion:152 Resp: 328835
Ion Ratio Lower Upper
152 100
150 152.8 122.8 184.2
115 62.2 47.3 70.9



#5
2-Fluorophenol
Concen: 138.544 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.029 min
Lab File: BF132957.D
Acq: 21 Apr 2023 01:43

Tgt Ion:112 Resp: 2913528
Ion Ratio Lower Upper
112 100
64 60.8 51.8 77.8
63 30.8 26.3 39.5

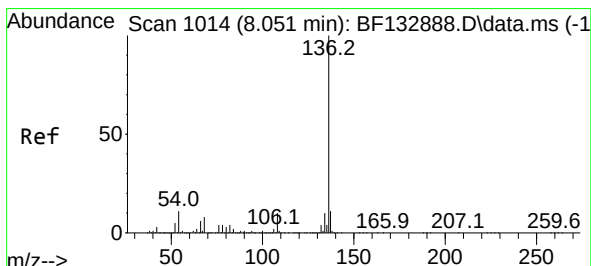
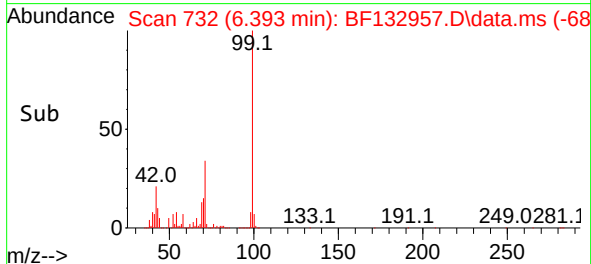
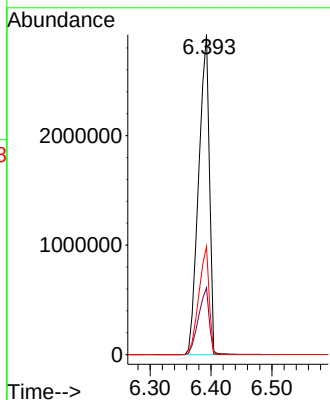
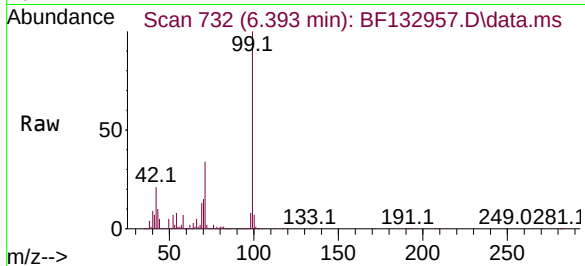




#7
Phenol-d6
Concen: 133.120 ng
RT: 6.393 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF132957.D
Acq: 21 Apr 2023 01:43

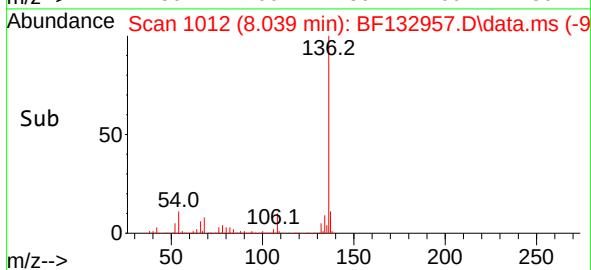
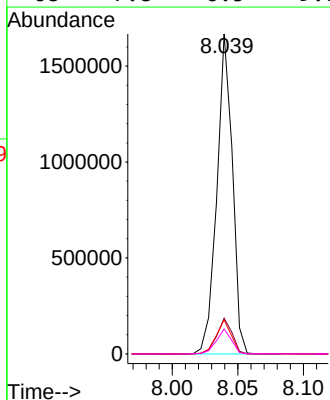
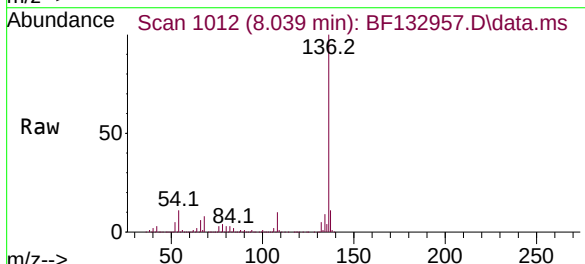
Instrument :
BNA_F
ClientSampleId :
SPB-4WC-23-04-17

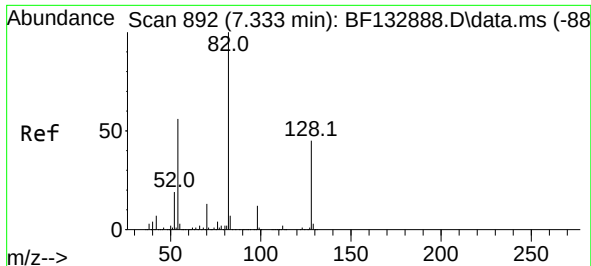
Tgt Ion: 99 Resp: 3572234
Ion Ratio Lower Upper
99 100
42 20.9 16.1 24.1
71 33.8 26.1 39.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF132957.D
Acq: 21 Apr 2023 01:43

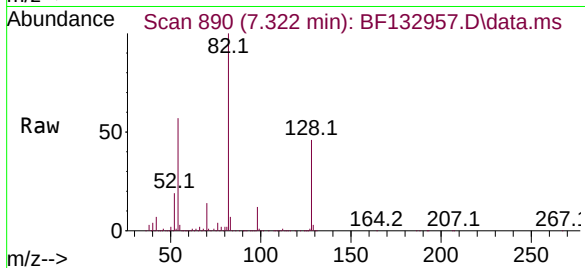
Tgt Ion:136 Resp: 1377174
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 10.6 8.9 13.3
68 7.8 6.5 9.7



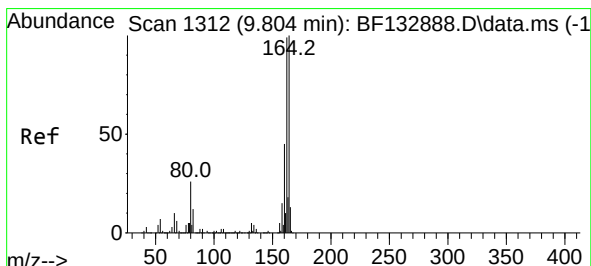
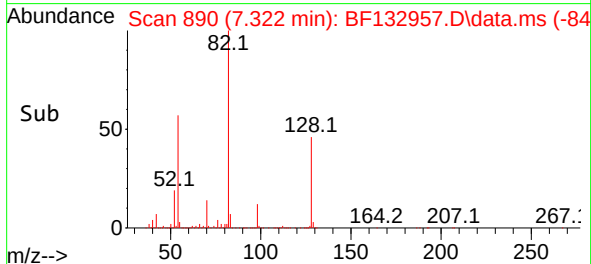
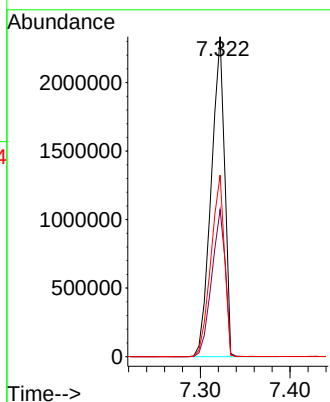


#23
Nitrobenzene-d5
Concen: 92.002 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF132957.D
Acq: 21 Apr 2023 01:43

Instrument :
BNA_F
ClientSampleId :
SPB-4WC-23-04-17

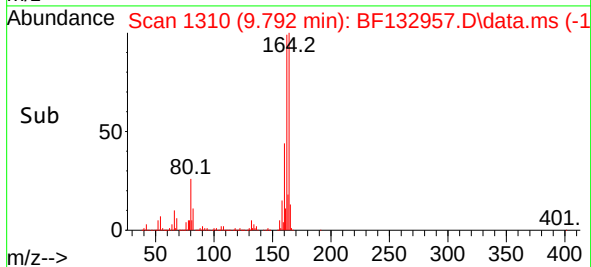
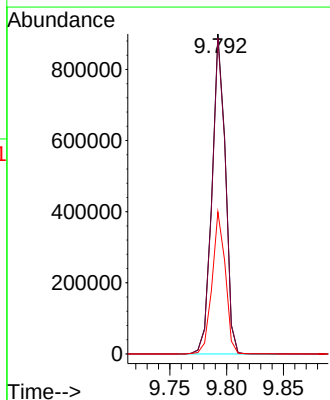
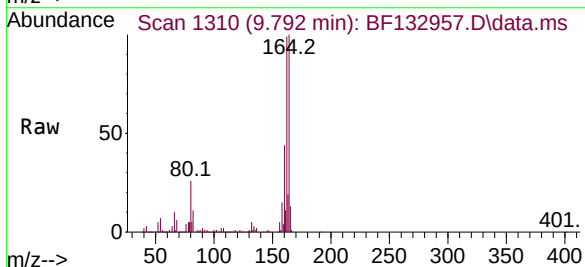


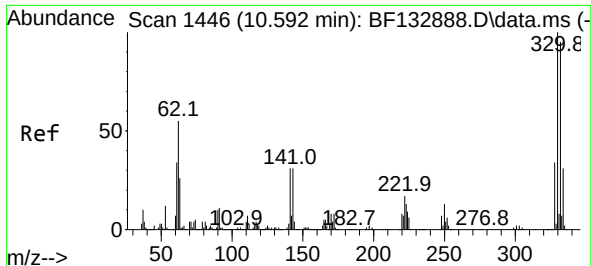
Tgt Ion: 82 Resp: 2430759
Ion Ratio Lower Upper
82 100
128 46.0 35.7 53.5
54 56.8 44.7 67.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF132957.D
Acq: 21 Apr 2023 01:43

Tgt Ion: 164 Resp: 736505
Ion Ratio Lower Upper
164 100
162 98.8 79.1 118.7
160 44.4 35.6 53.4

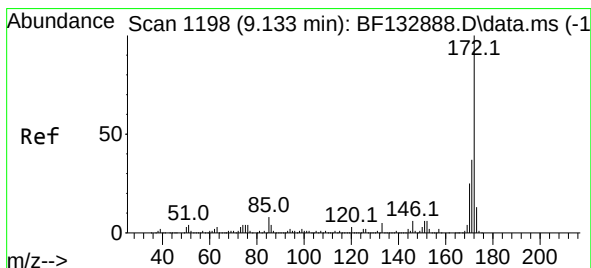
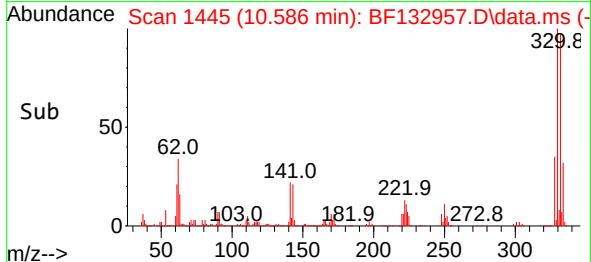
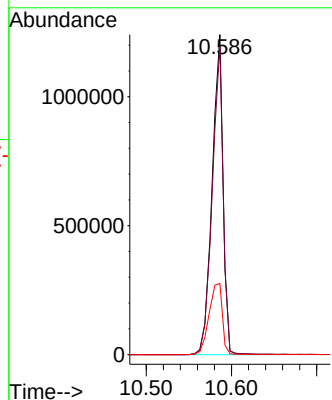
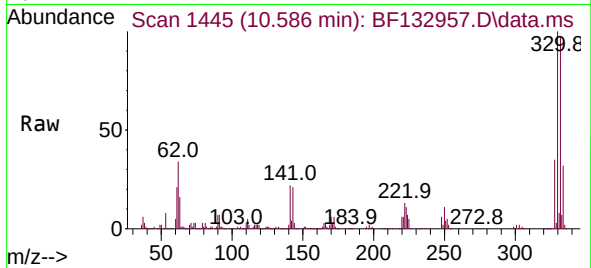




#42
2,4,6-Tribromophenol
Concen: 149.949 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF132957.D
Acq: 21 Apr 2023 01:43

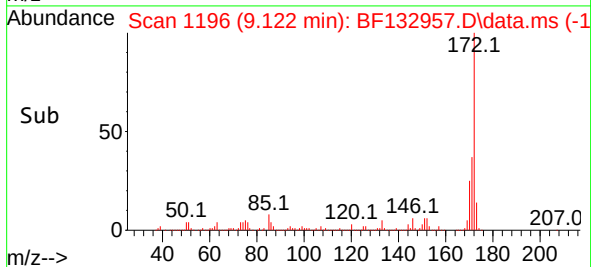
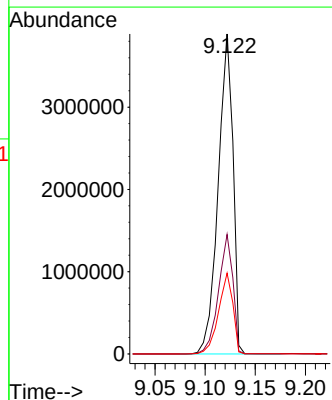
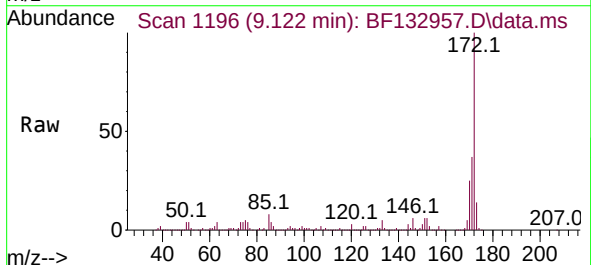
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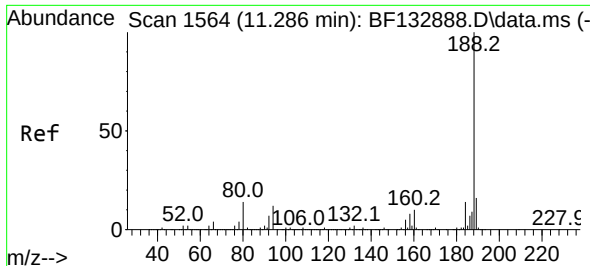
Tgt Ion:330 Resp: 1107702
Ion Ratio Lower Upper
330 100
332 95.9 76.3 114.5
141 27.1 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 83.542 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF132957.D
Acq: 21 Apr 2023 01:43

Tgt Ion:172 Resp: 4005227
Ion Ratio Lower Upper
172 100
171 37.3 29.4 44.0
170 25.2 20.1 30.1

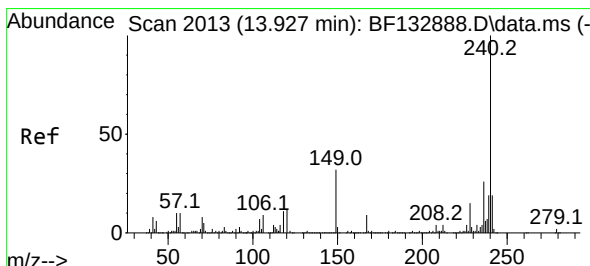
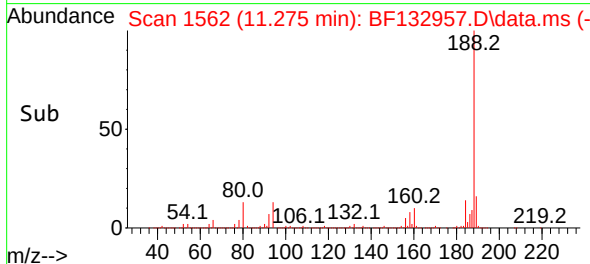
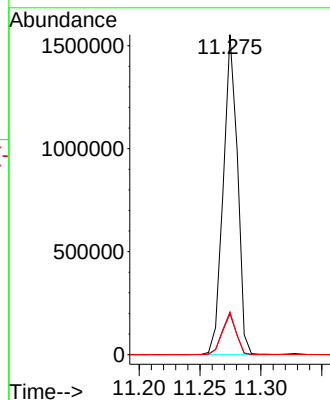
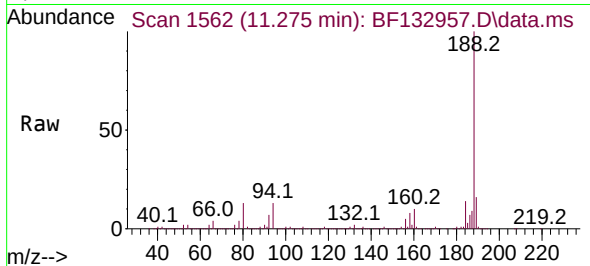




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132957.D
Acq: 21 Apr 2023 01:43

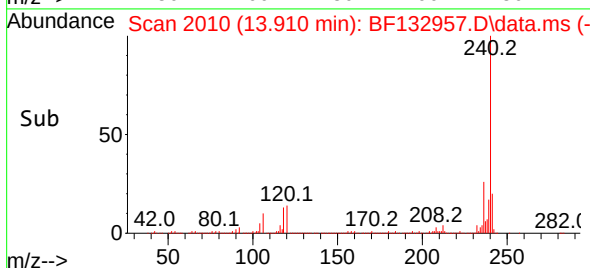
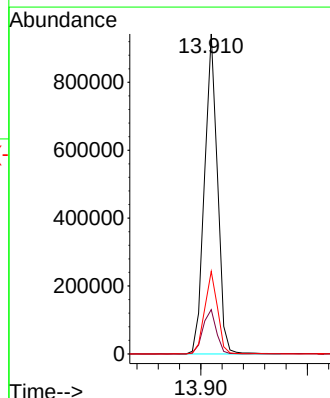
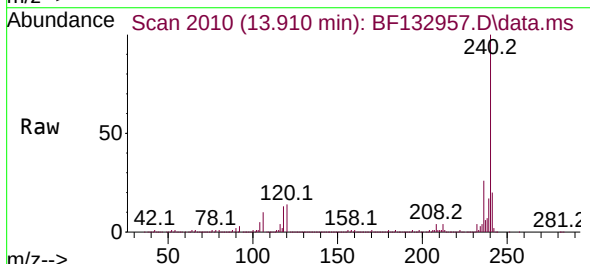
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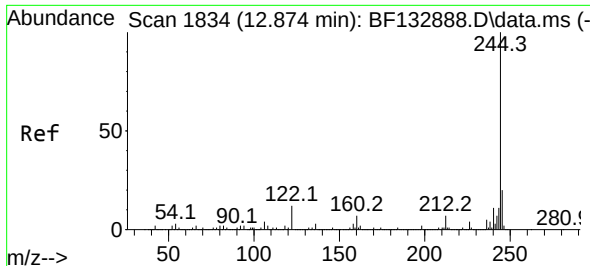
Tgt Ion:188 Resp: 1259106
Ion Ratio Lower Upper
188 100
94 12.7 9.9 14.9
80 13.4 10.8 16.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF132957.D
Acq: 21 Apr 2023 01:43

Tgt Ion:240 Resp: 793250
Ion Ratio Lower Upper
240 100
120 13.8 10.0 15.0
236 25.8 20.8 31.2





#79

Terphenyl-d14

Concen: 99.622 ng

RT: 12.869 min Scan# 1833

Delta R.T. 0.000 min

Lab File: BF132957.D

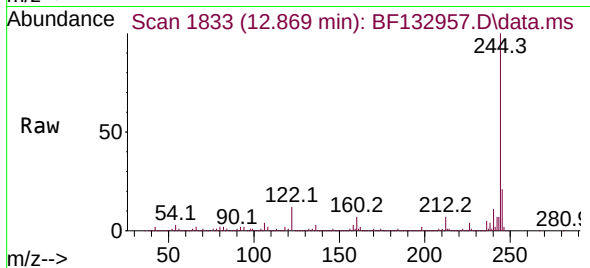
Acq: 21 Apr 2023 01:43

Instrument :

BNA_F

ClientSampleId :

SPB-4WC-23-04-17



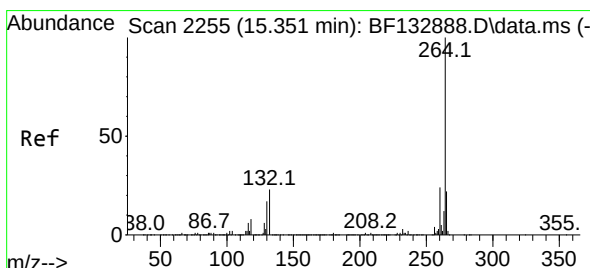
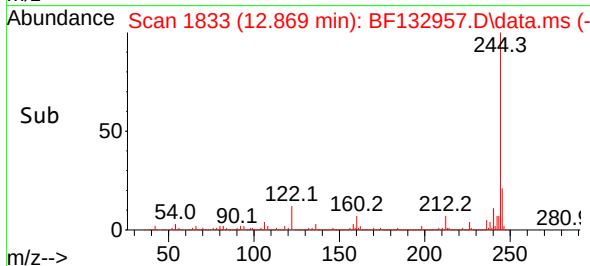
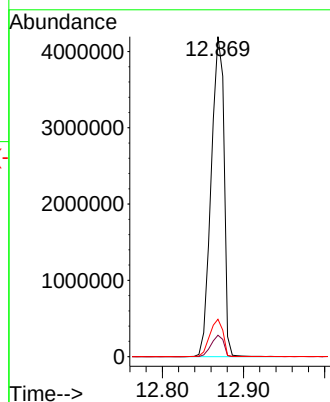
Tgt Ion:244 Resp: 4631970

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 11.7 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: BF132957.D

Acq: 21 Apr 2023 01:43

Tgt Ion:264 Resp: 643521

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 21.6 17.7 26.5

