

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090922\
 Data File : BF130203.D
 Acq On : 09 Sep 2022 19:42
 Operator : CG\JU
 Sample : N4549-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-47

Quant Time: Sep 09 23:50:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	125901	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	466863	20.000	ng	# 0.00
39) Acenaphthene-d10	9.722	164	232746	20.000	ng	-0.01
64) Phenanthrene-d10	11.204	188	342569	20.000	ng	0.00
76) Chrysene-d12	13.833	240	235360	20.000	ng	-0.01
86) Perylene-d12	15.239	264	277174	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	532657	71.824	ng	0.00
7) Phenol-d6	6.322	99	420726	45.504	ng	-0.01
23) Nitrobenzene-d5	7.263	82	848039	116.737	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	354367	167.262	ng	0.00
45) 2-Fluorobiphenyl	9.051	172	1512623	107.751	ng	0.00
79) Terphenyl-d14	12.798	244	1140857	84.058	ng	0.00

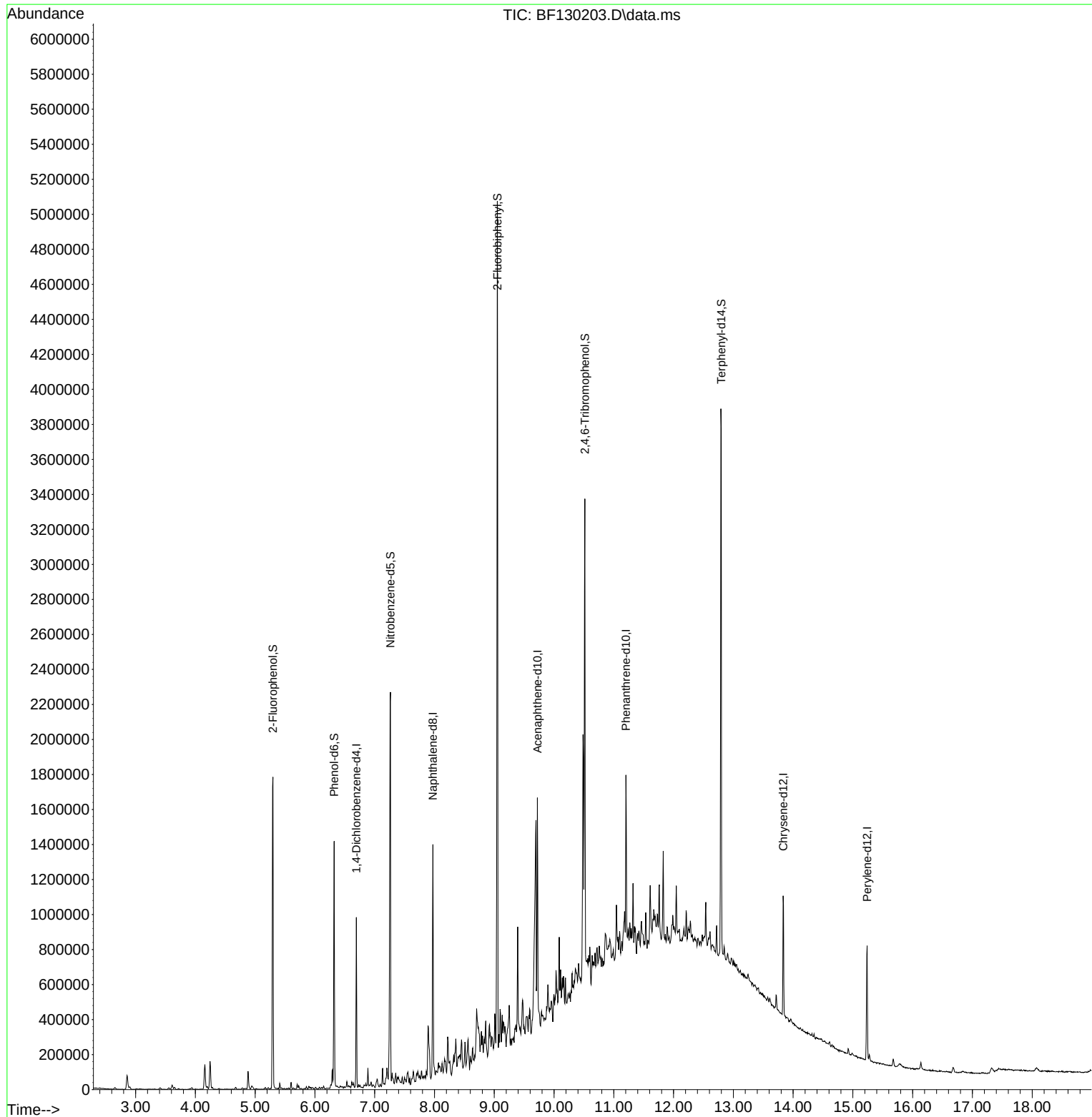
Target Compounds	Qvalue

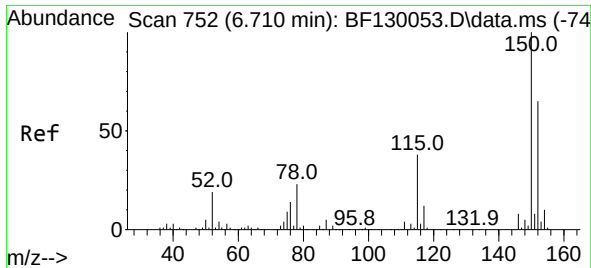
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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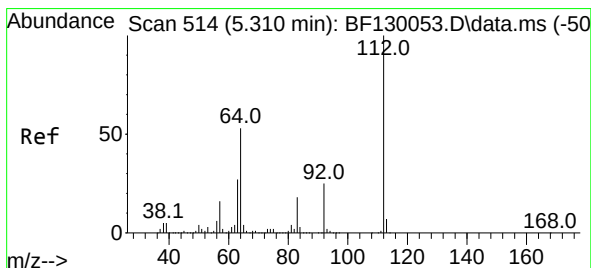
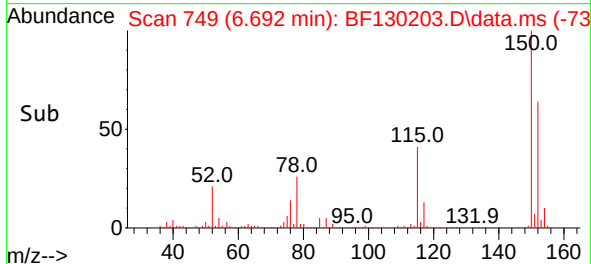
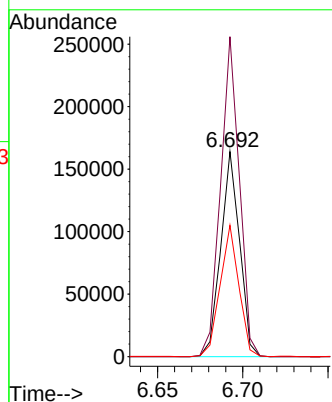
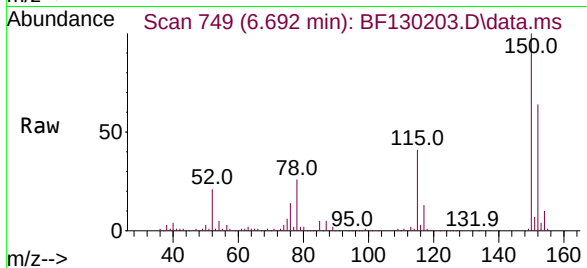




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.692 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130203.D
 Acq: 09 Sep 2022 19:42

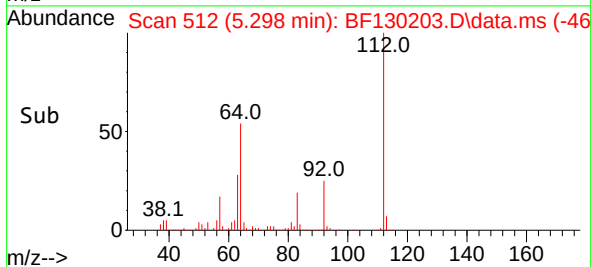
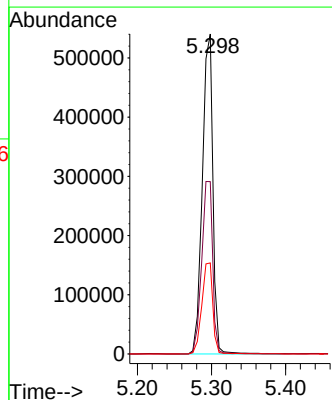
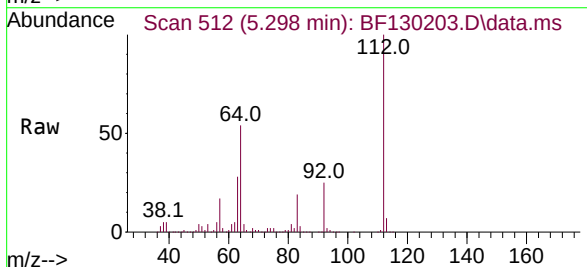
Instrument :
 BNA_F
 ClientSampleId :
 MW-47

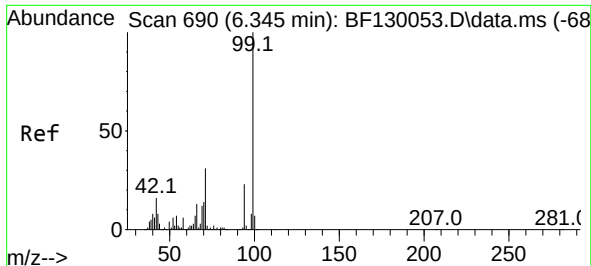
Tgt Ion:152 Resp: 125901
 Ion Ratio Lower Upper
 152 100
 150 156.0 126.9 190.3
 115 64.0 53.4 80.0



#5
 2-Fluorophenol
 Concen: 71.824 ng
 RT: 5.298 min Scan# 512
 Delta R.T. -0.000 min
 Lab File: BF130203.D
 Acq: 09 Sep 2022 19:42

Tgt Ion:112 Resp: 532657
 Ion Ratio Lower Upper
 112 100
 64 53.8 47.6 71.4
 63 28.4 24.6 37.0

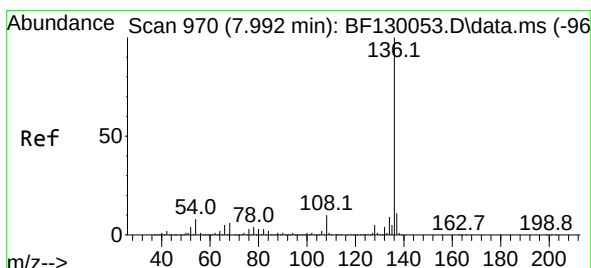
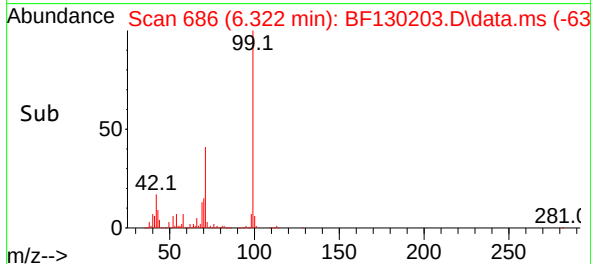
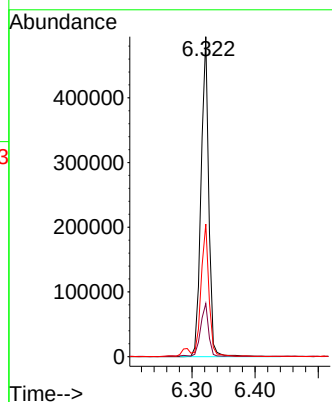
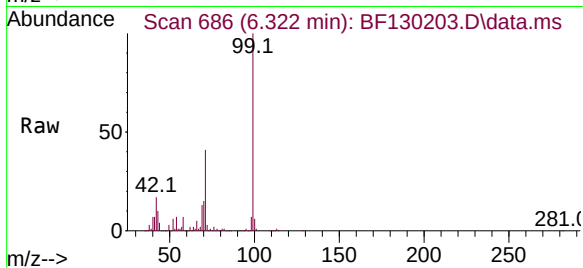




#7
Phenol-d6
Concen: 45.504 ng
RT: 6.322 min Scan# 68
Delta R.T. -0.012 min
Lab File: BF130203.D
Acq: 09 Sep 2022 19:42

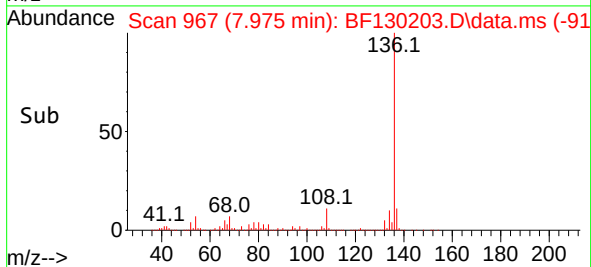
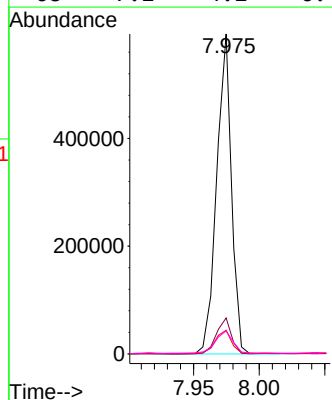
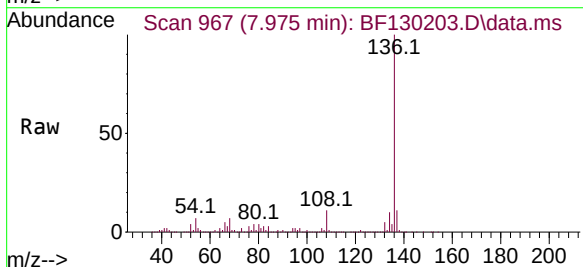
Instrument :
BNA_F
ClientSampleId :
MW-47

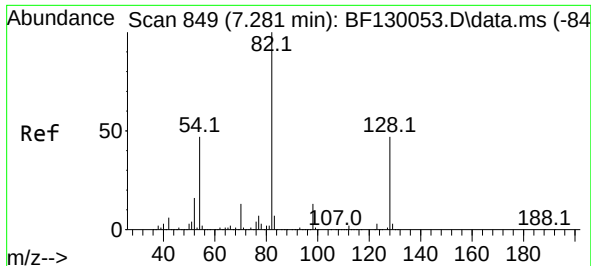
Tgt Ion:	99	Resp:	420726
Ion	Ratio	Lower	Upper
99	100		
42	16.6	15.0	22.4
71	41.4	28.8	43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF130203.D
Acq: 09 Sep 2022 19:42

Tgt Ion:	136	Resp:	466863
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	7.4	6.2	9.2
68	7.2	4.2	6.4





#23

Nitrobenzene-d5

Concen: 116.737 ng

RT: 7.263 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF130203.D

Acq: 09 Sep 2022 19:42

Instrument :

BNA_F

ClientSampleId :

MW-47

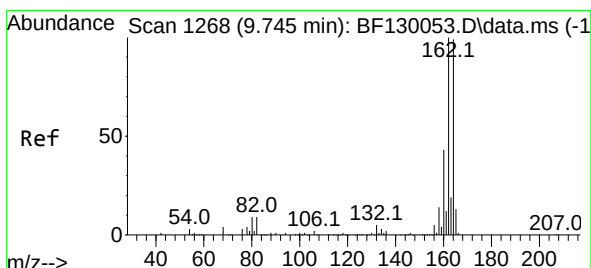
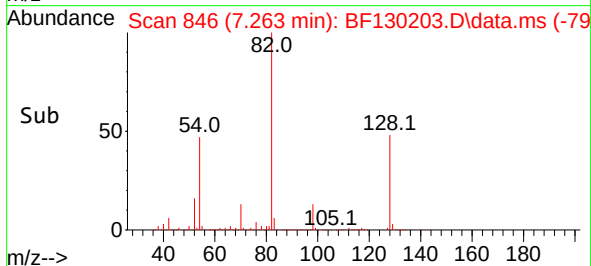
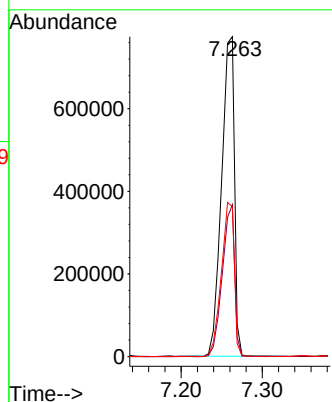
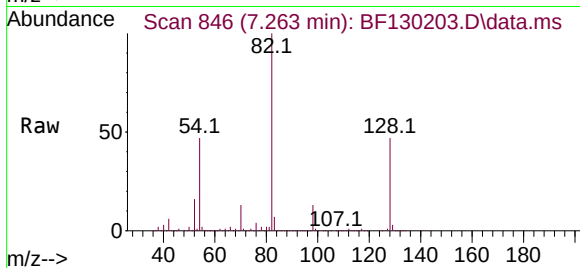
Tgt Ion: 82 Resp: 848039

Ion Ratio Lower Upper

82 100

128 47.5 36.1 54.1

54 46.8 40.0 60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.722 min Scan# 1264

Delta R.T. -0.012 min

Lab File: BF130203.D

Acq: 09 Sep 2022 19:42

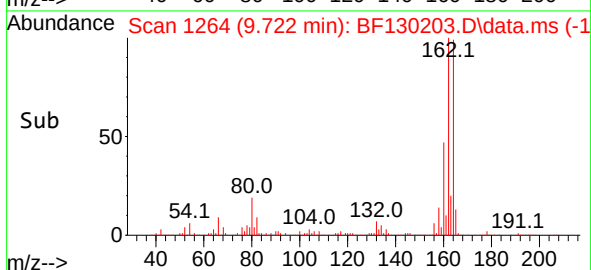
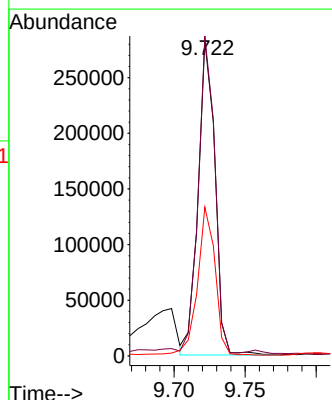
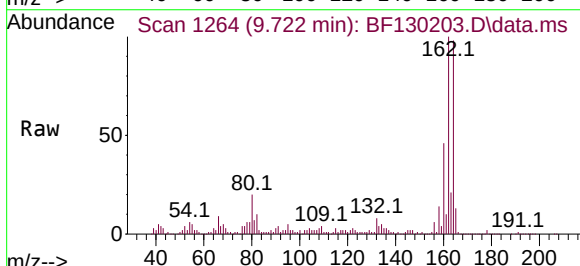
Tgt Ion: 164 Resp: 232746

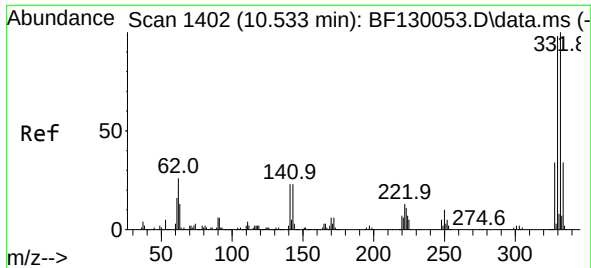
Ion Ratio Lower Upper

164 100

162 101.6 82.0 123.0

160 47.2 35.4 53.0

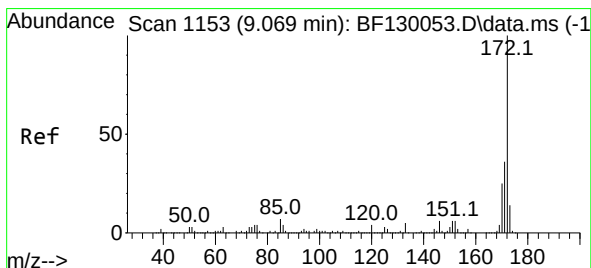
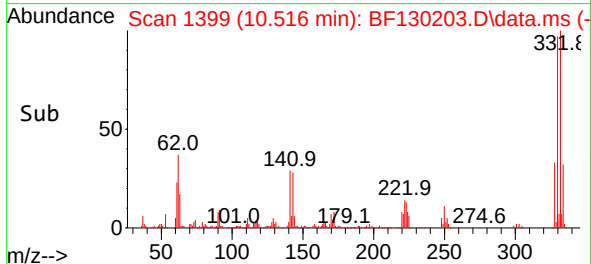
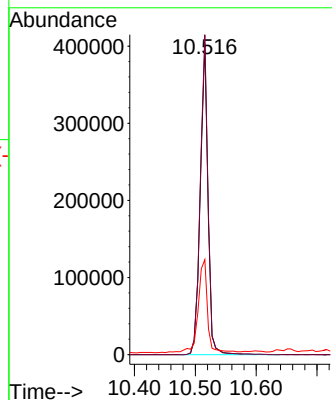
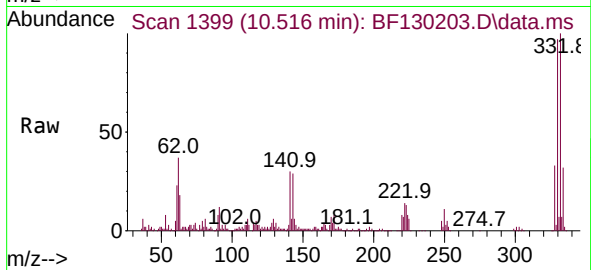




#42
2,4,6-Tribromophenol
Concen: 167.262 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.006 min
Lab File: BF130203.D
Acq: 09 Sep 2022 19:42

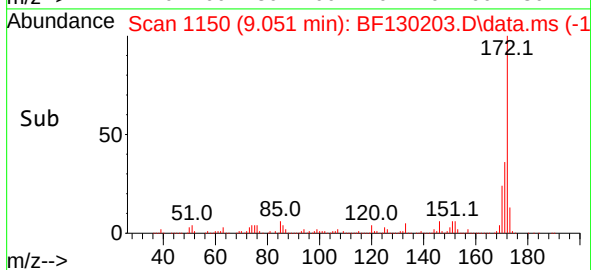
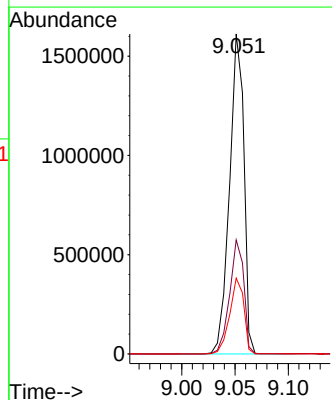
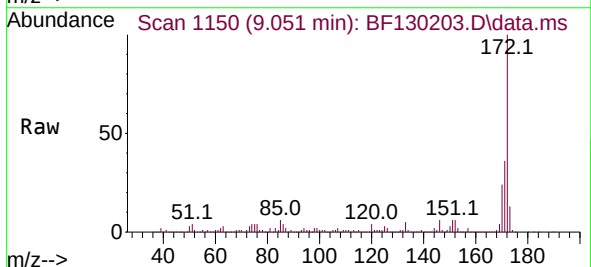
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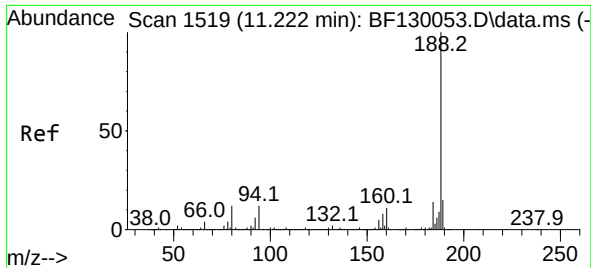
Tgt Ion:330 Resp: 354367
Ion Ratio Lower Upper
330 100
332 103.4 82.6 124.0
141 36.7 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 107.751 ng
RT: 9.051 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF130203.D
Acq: 09 Sep 2022 19:42

Tgt Ion:172 Resp: 1512623
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.7 19.1 28.7

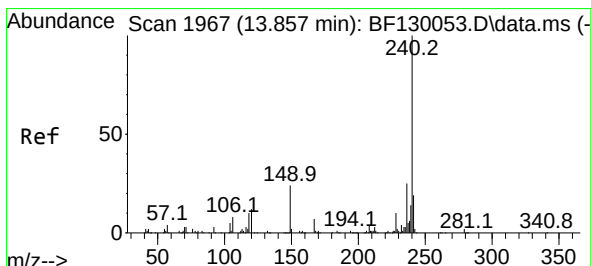
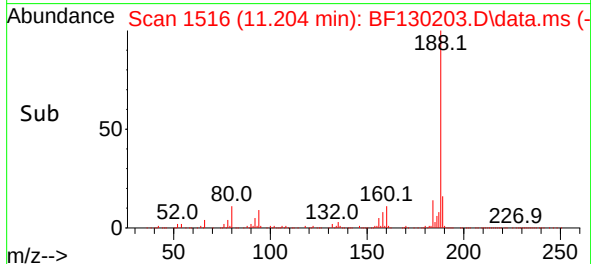
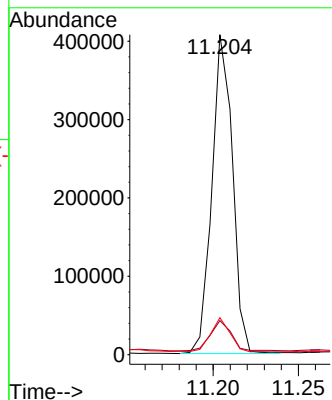
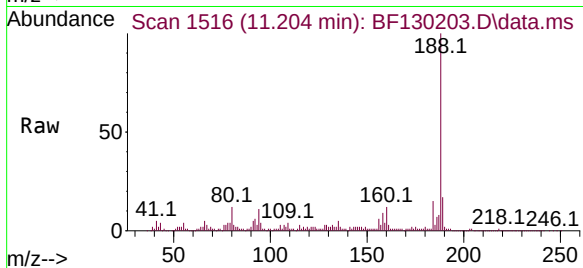




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF130203.D
Acq: 09 Sep 2022 19:42

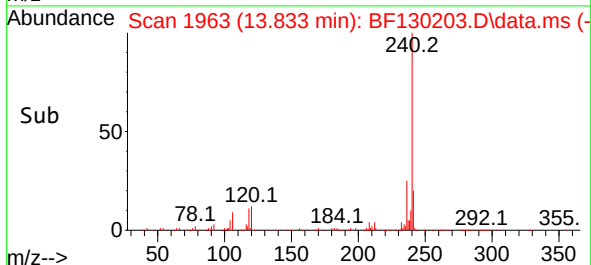
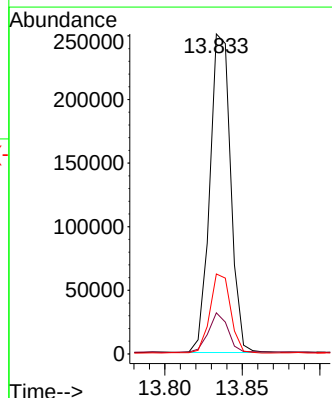
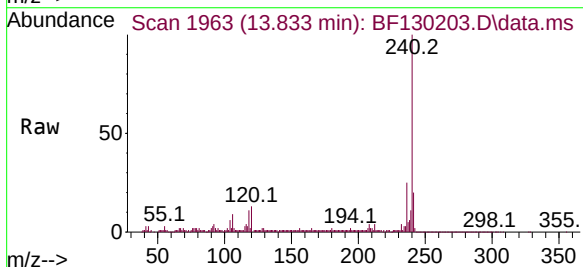
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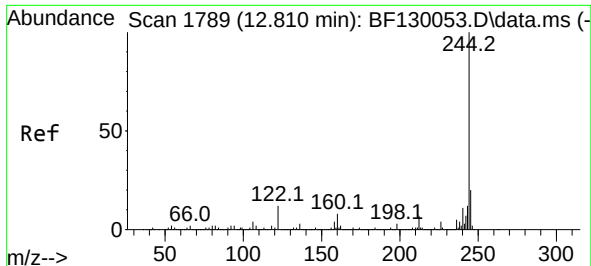
Tgt Ion:188 Resp: 342569
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.2
80 11.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130203.D
Acq: 09 Sep 2022 19:42

Tgt Ion:240 Resp: 235360
Ion Ratio Lower Upper
240 100
120 12.8 9.2 13.8
236 25.0 20.7 31.1

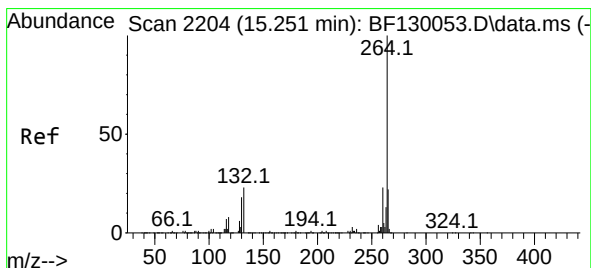
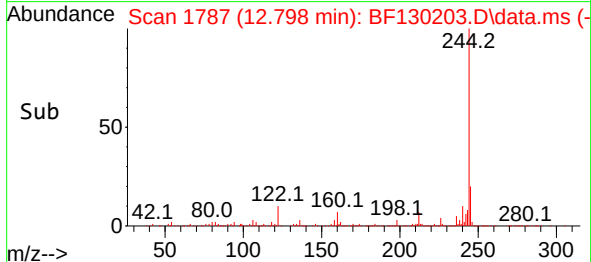
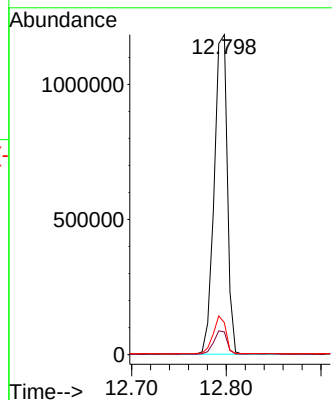
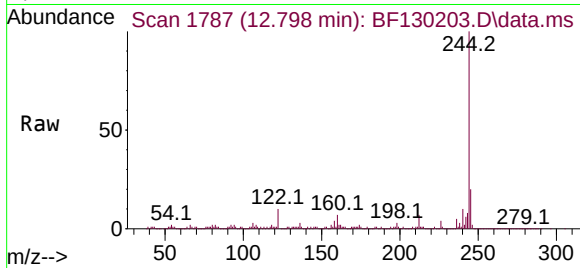




#79
 Terphenyl-d14
 Concen: 84.058 ng
 RT: 12.798 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130203.D
 Acq: 09 Sep 2022 19:42

Instrument :
 BNA_F
 ClientSampleId :
 MW-47

Tgt Ion:244 Resp: 1140857
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 10.0 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.239 min Scan# 2202
 Delta R.T. -0.000 min
 Lab File: BF130203.D
 Acq: 09 Sep 2022 19:42

Tgt Ion:264 Resp: 277174
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 21.8 16.7 25.1

