

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
 Data File : BF130304.D
 Acq On : 16 Sep 2022 22:32
 Operator : CG\JU
 Sample : N4628-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7

Quant Time: Sep 17 03:31:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 17 03:22:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.669	152	84076	20.000	ng	0.00
21) Naphthalene-d8	7.951	136	312902	20.000	ng	# 0.00
39) Acenaphthene-d10	9.698	164	144473	20.000	ng	0.00
64) Phenanthrene-d10	11.175	188	191800	20.000	ng	0.00
76) Chrysene-d12	13.804	240	143061	20.000	ng	0.00
86) Perylene-d12	15.198	264	180482	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	345297	71.234	ng	0.00
7) Phenol-d6	6.292	99	261227	43.070	ng	-0.01
23) Nitrobenzene-d5	7.234	82	574180	93.748	ng	0.00
42) 2,4,6-Tribromophenol	10.486	330	204604	147.800	ng	0.00
45) 2-Fluorobiphenyl	9.028	172	981562	98.935	ng	0.00
79) Terphenyl-d14	12.763	244	679021	78.623	ng	0.00

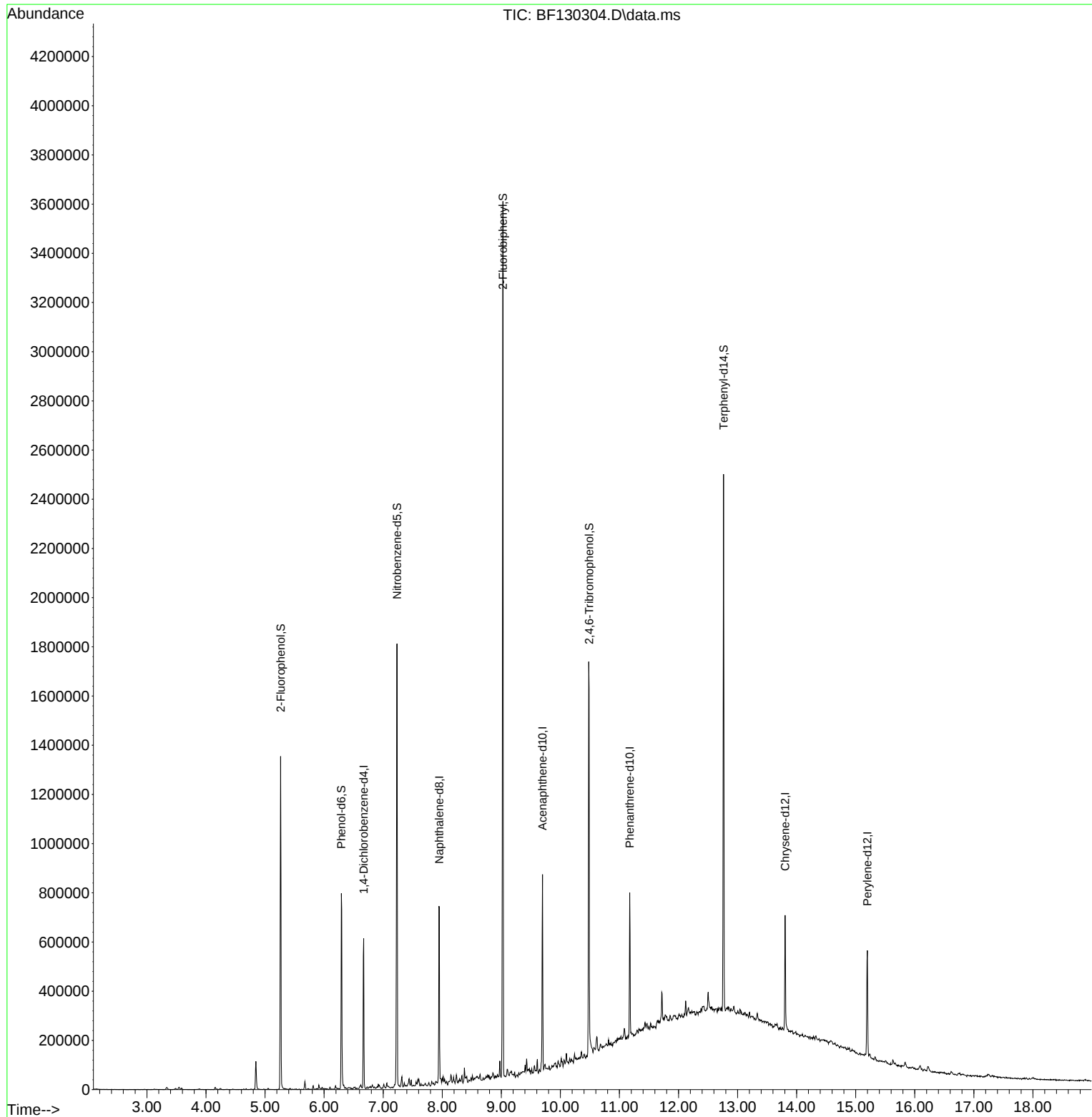
Target Compounds	Qvalue

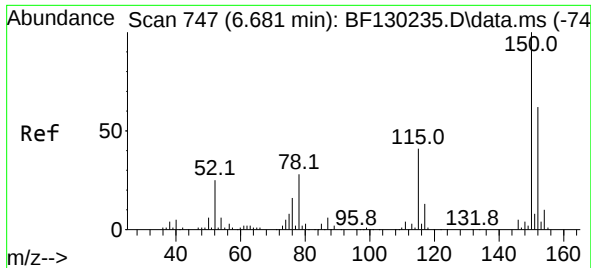
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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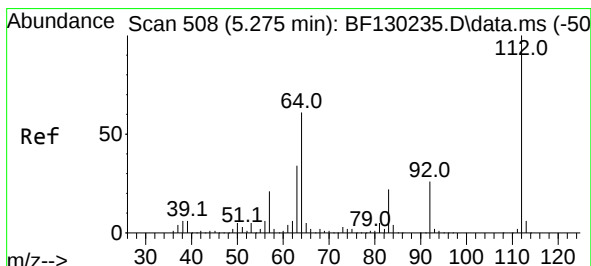
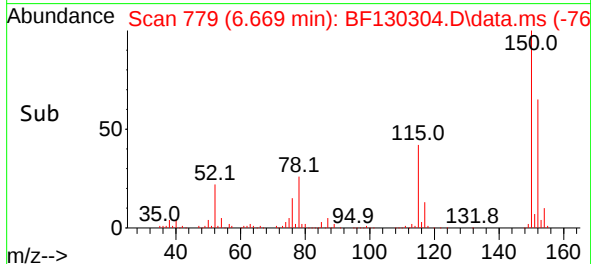
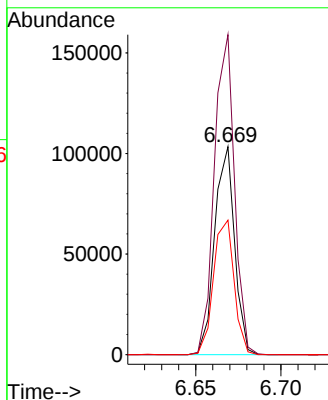
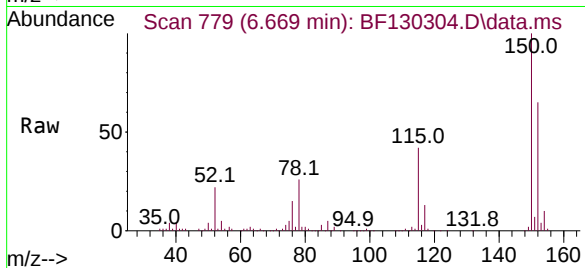




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130304.D
Acq: 16 Sep 2022 22:32

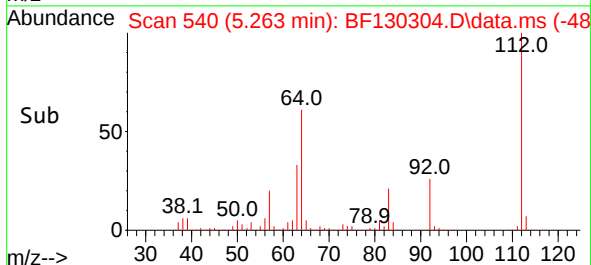
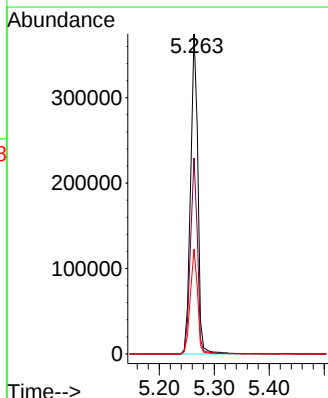
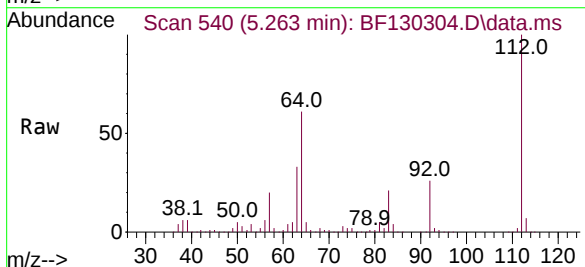
Instrument :
BNA_F
ClientSampleId :
MW-7

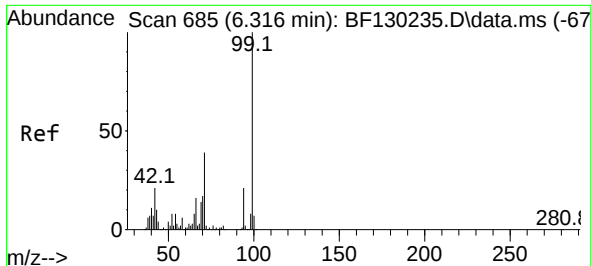
Tgt Ion:152 Resp: 84076
Ion Ratio Lower Upper
152 100
150 153.9 122.8 184.2
115 64.7 53.8 80.8



#5
2-Fluorophenol
Concen: 71.234 ng
RT: 5.263 min Scan# 540
Delta R.T. 0.000 min
Lab File: BF130304.D
Acq: 16 Sep 2022 22:32

Tgt Ion:112 Resp: 345297
Ion Ratio Lower Upper
112 100
64 61.2 51.4 77.0
63 32.7 28.8 43.2

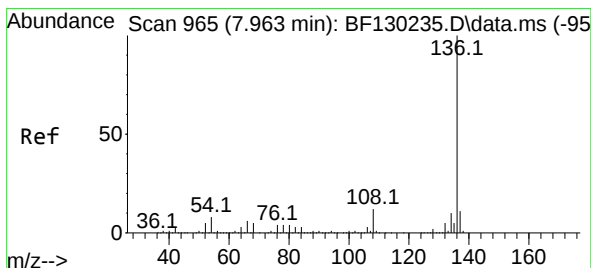
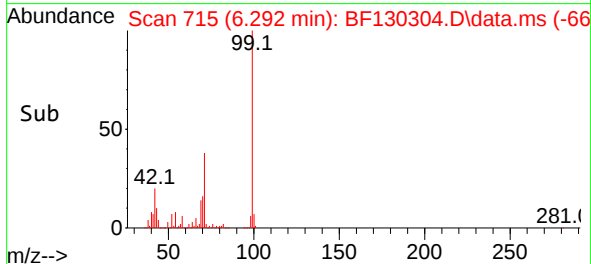
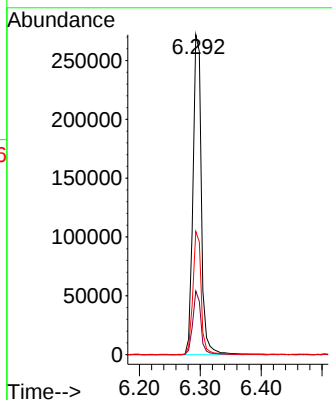
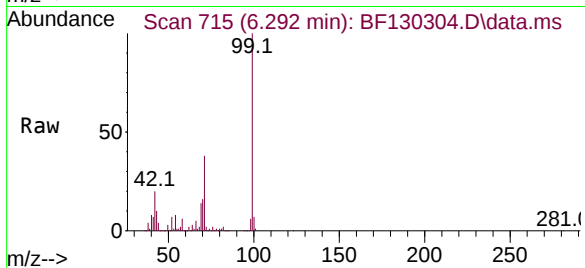




#7
Phenol-d6
Concen: 43.070 ng
RT: 6.292 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130304.D
Acq: 16 Sep 2022 22:32

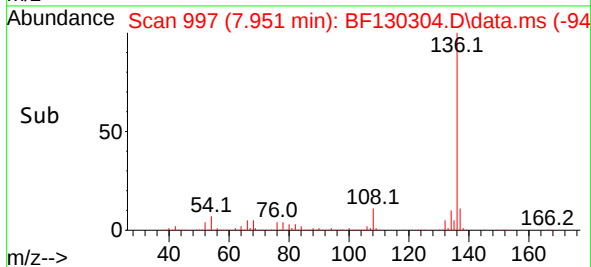
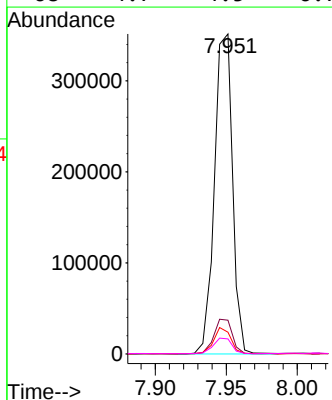
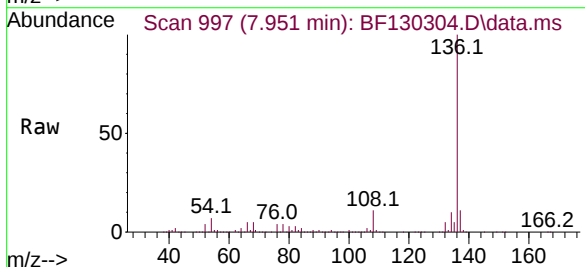
Instrument :
BNA_F
ClientSampleId :
MW-7

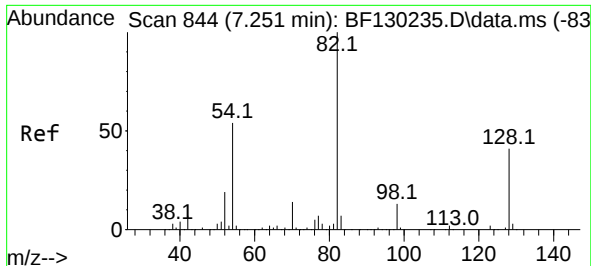
Tgt Ion: 99 Resp: 261227
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.6
71 38.5 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.000 min
Lab File: BF130304.D
Acq: 16 Sep 2022 22:32

Tgt Ion: 136 Resp: 312902
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 6.8 7.1 10.7#
68 4.7 4.5 6.7





#23

Nitrobenzene-d5

Concen: 93.748 ng

RT: 7.234 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130304.D

Acq: 16 Sep 2022 22:32

Instrument :

BNA_F

ClientSampleId :

MW-7

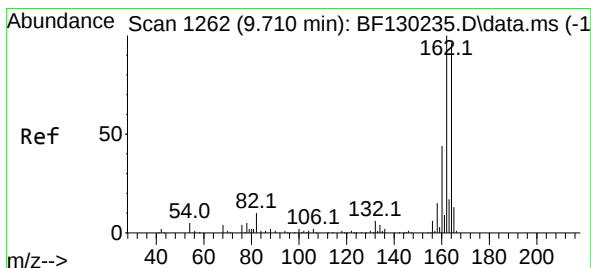
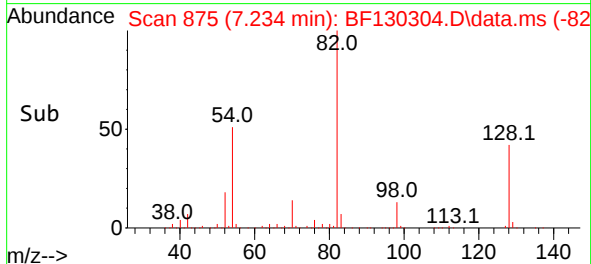
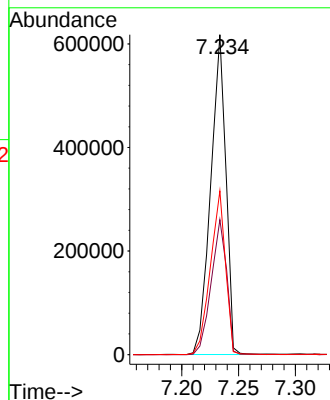
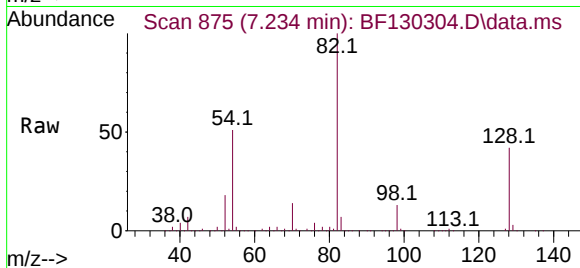
Tgt Ion: 82 Resp: 574180

Ion Ratio Lower Upper

82 100

128 42.2 32.6 49.0

54 51.2 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.698 min Scan# 1294

Delta R.T. -0.006 min

Lab File: BF130304.D

Acq: 16 Sep 2022 22:32

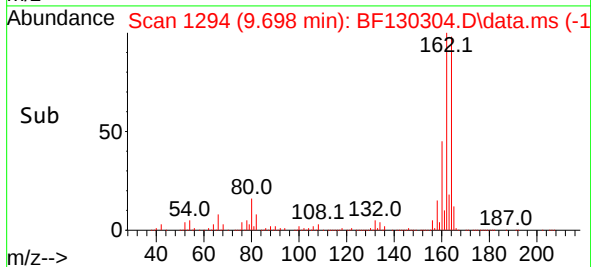
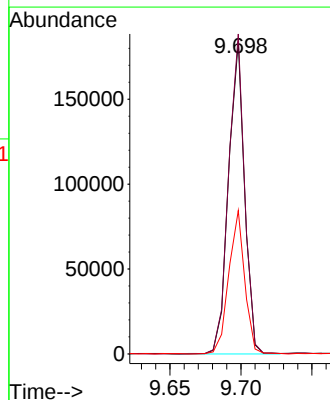
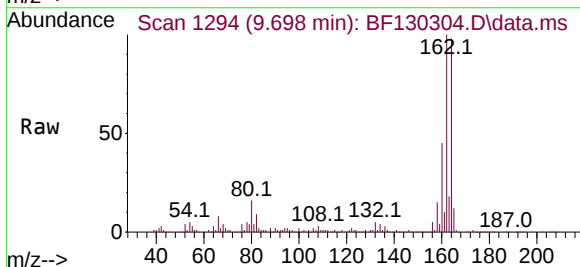
Tgt Ion:164 Resp: 144473

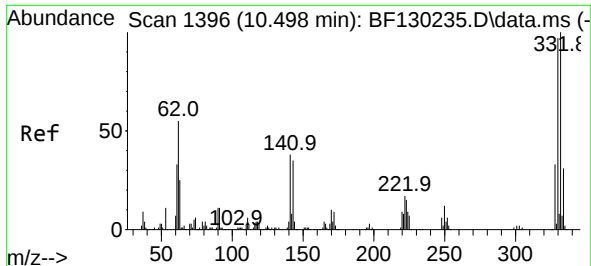
Ion Ratio Lower Upper

164 100

162 102.5 81.4 122.0

160 45.9 36.2 54.4

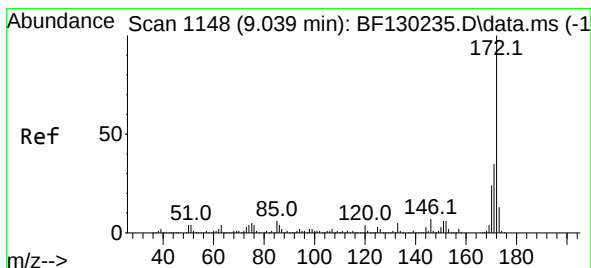
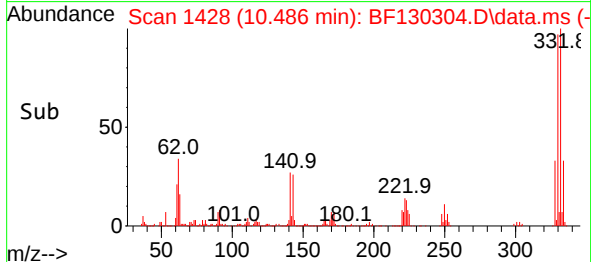
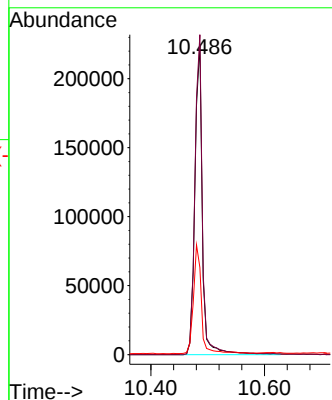
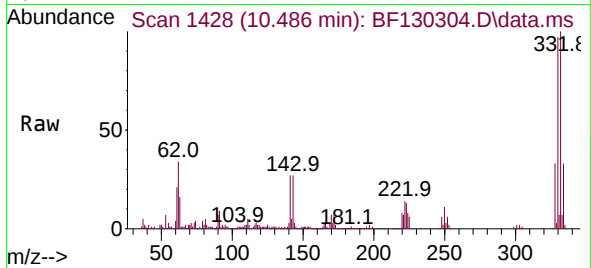




#42
2,4,6-Tribromophenol
Concen: 147.800 ng
RT: 10.486 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF130304.D
Acq: 16 Sep 2022 22:32

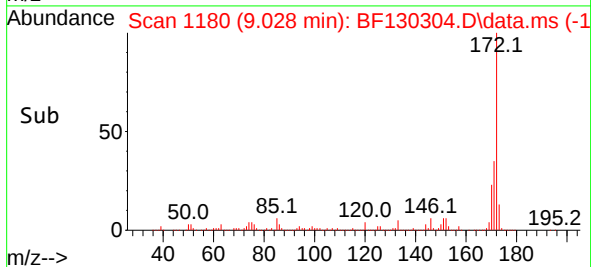
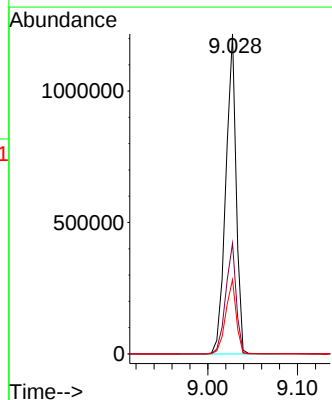
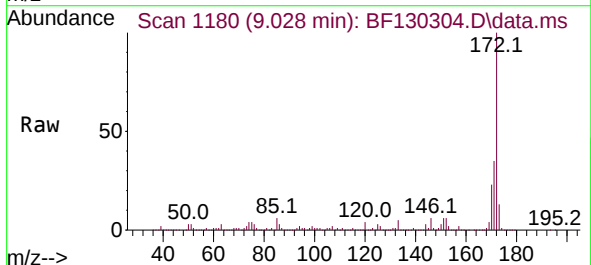
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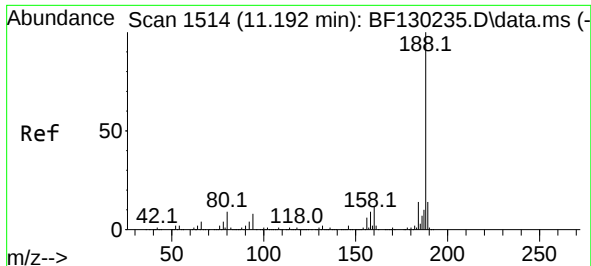
Tgt Ion:330 Resp: 204604
Ion Ratio Lower Upper
330 100
332 103.7 83.4 125.2
141 36.5 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 98.935 ng
RT: 9.028 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF130304.D
Acq: 16 Sep 2022 22:32

Tgt Ion:172 Resp: 981562
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 23.2 18.7 28.1

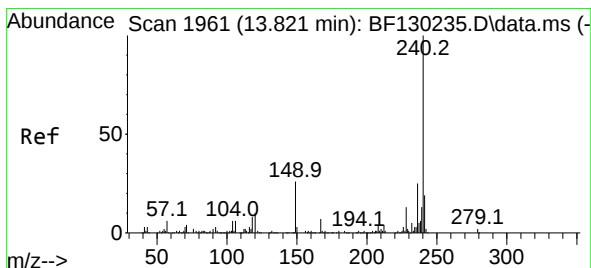
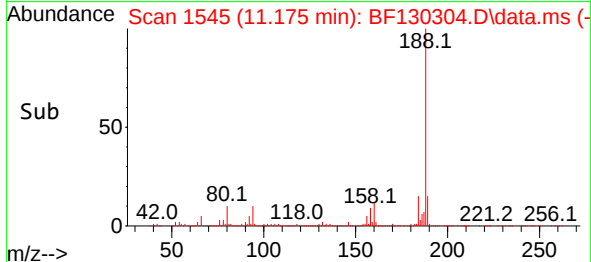
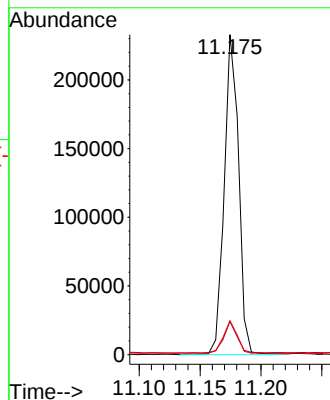
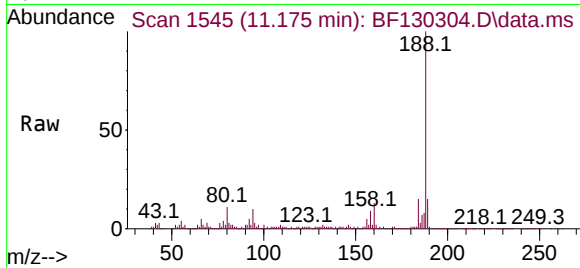




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.175 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130304.D
Acq: 16 Sep 2022 22:32

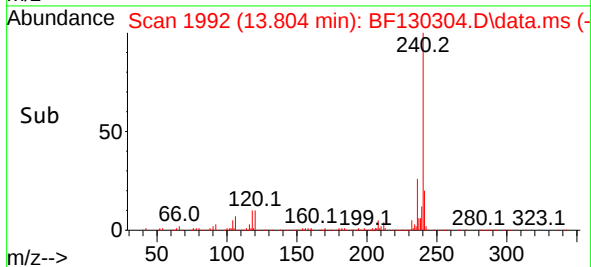
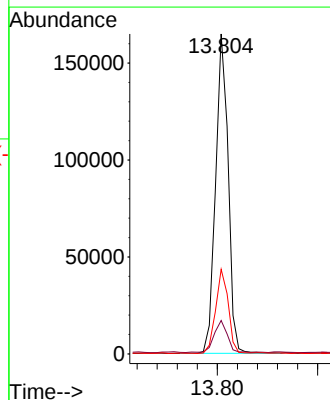
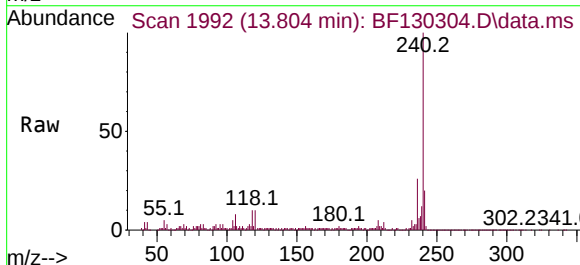
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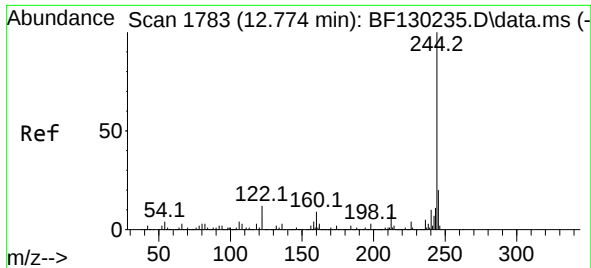
Tgt Ion:188 Resp: 191800
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 10.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.804 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF130304.D
Acq: 16 Sep 2022 22:32

Tgt Ion:240 Resp: 143061
Ion Ratio Lower Upper
240 100
120 10.4 8.7 13.1
236 26.4 20.9 31.3

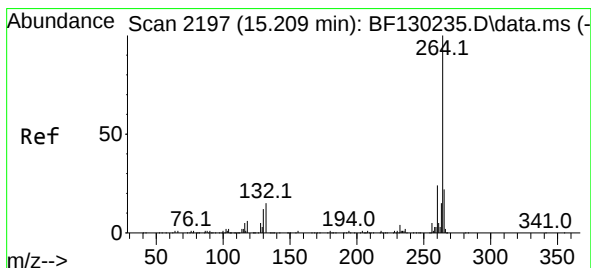
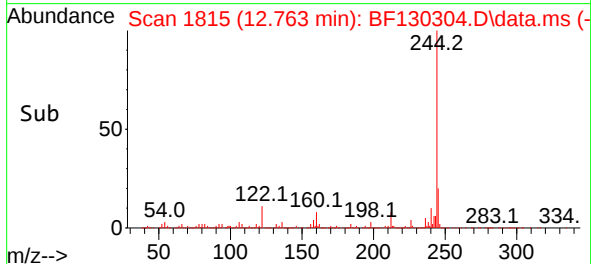
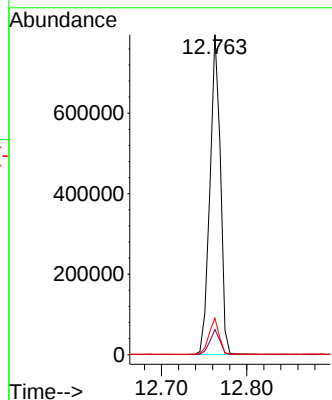
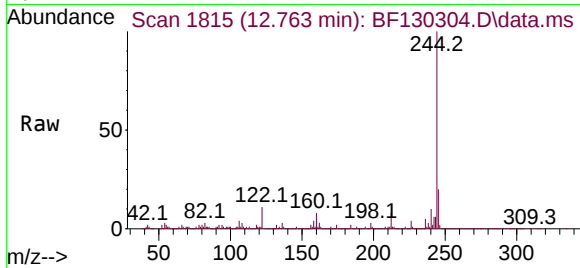




#79
 Terphenyl-d14
 Concen: 78.623 ng
 RT: 12.763 min Scan# 1815
 Delta R.T. -0.006 min
 Lab File: BF130304.D
 Acq: 16 Sep 2022 22:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-7

Tgt Ion:244 Resp: 679021
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 11.4 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.198 min Scan# 2229
 Delta R.T. 0.000 min
 Lab File: BF130304.D
 Acq: 16 Sep 2022 22:32

Tgt Ion:264 Resp: 180482
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.3 28.9
 265 21.2 17.0 25.4

