

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
 Data File : BF130072.D
 Acq On : 01 Sep 2022 11:29
 Operator : CG\JU
 Sample : N4375-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-4

Quant Time: Sep 01 12:43:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	242460	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	976645	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	504115	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	831899	20.000	ng	0.00
76) Chrysene-d12	13.845	240	629343	20.000	ng	-0.01
86) Perylene-d12	15.245	264	601709	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	1780951	124.698	ng	0.02
7) Phenol-d6	6.340	99	1972808	110.797	ng	0.00
23) Nitrobenzene-d5	7.269	82	1480893	97.447	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	685891	149.469	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2587920	85.113	ng	0.00
79) Terphenyl-d14	12.810	244	2660798	73.317	ng	0.00

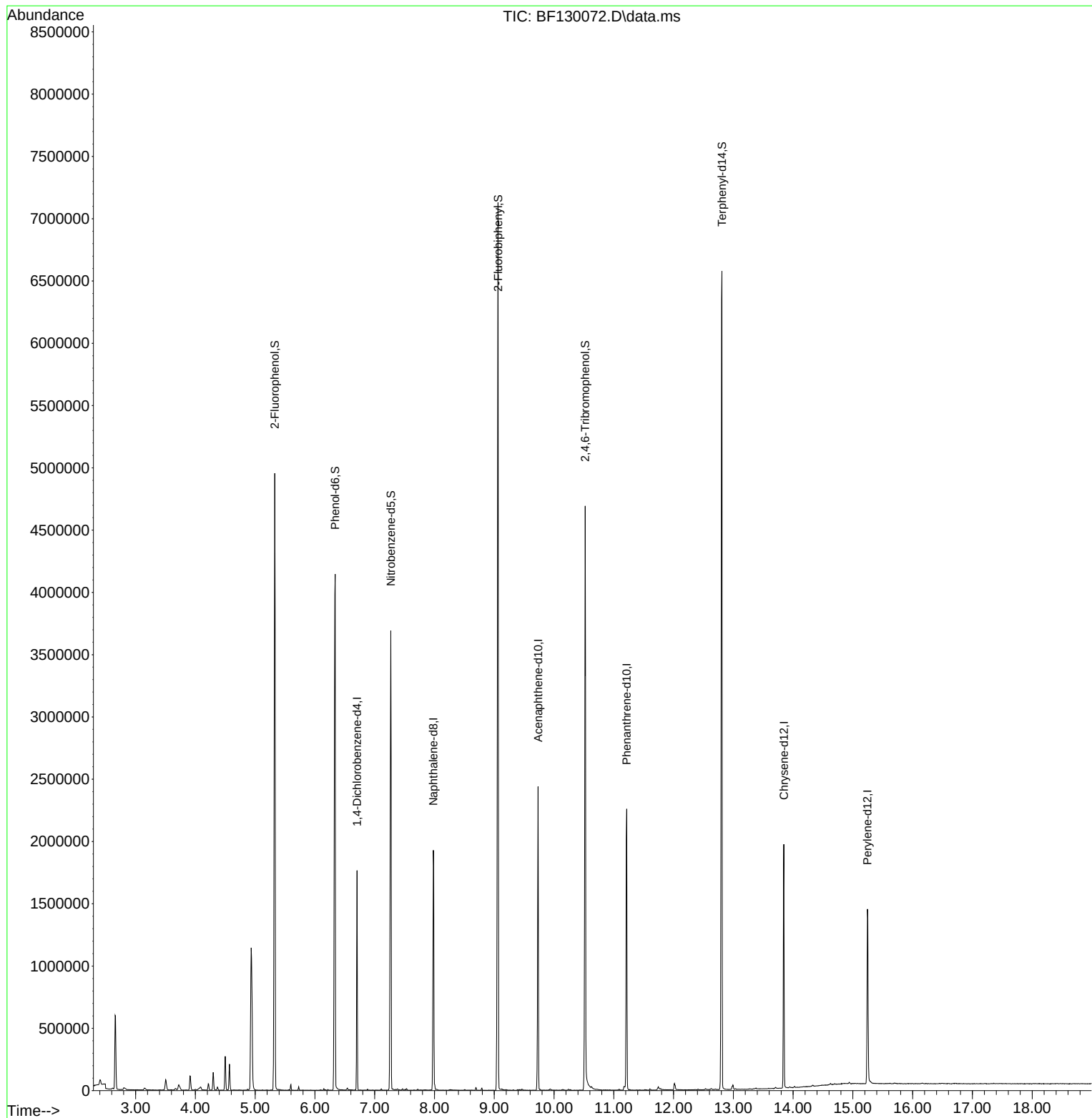
Target Compounds Qvalue

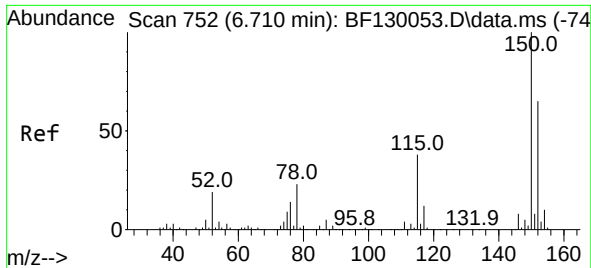
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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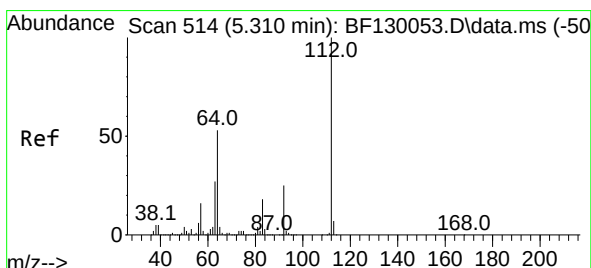
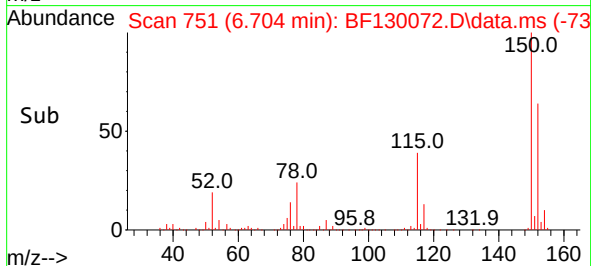
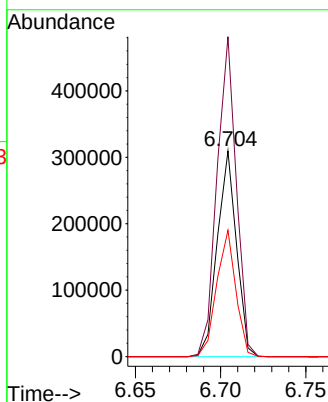
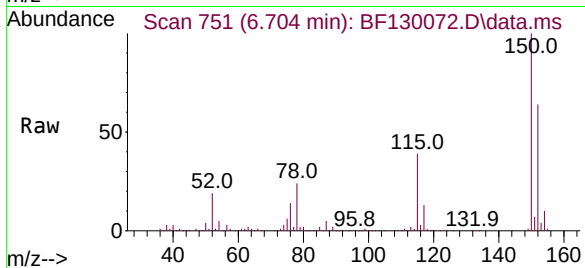




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130072.D
 Acq: 01 Sep 2022 11:29

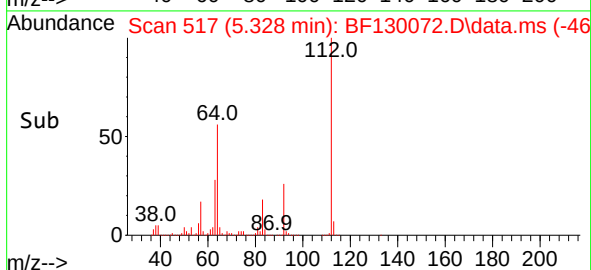
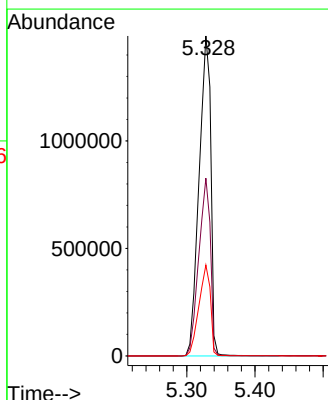
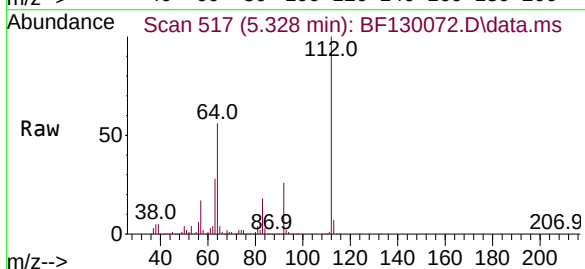
Instrument :
 BNA_F
 ClientSampleId :
 WC-4

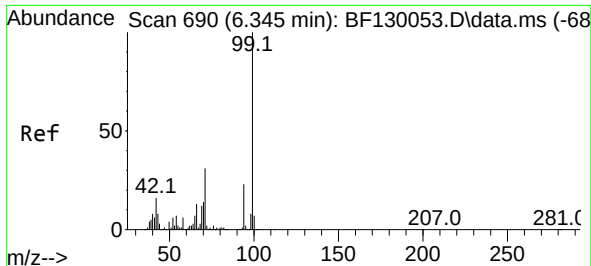
Tgt Ion:152 Resp: 242460
 Ion Ratio Lower Upper
 152 100
 150 155.5 126.9 190.3
 115 61.4 53.4 80.0



#5
 2-Fluorophenol
 Concen: 124.698 ng
 RT: 5.328 min Scan# 517
 Delta R.T. 0.018 min
 Lab File: BF130072.D
 Acq: 01 Sep 2022 11:29

Tgt Ion:112 Resp: 1780951
 Ion Ratio Lower Upper
 112 100
 64 55.5 47.6 71.4
 63 28.4 24.6 37.0

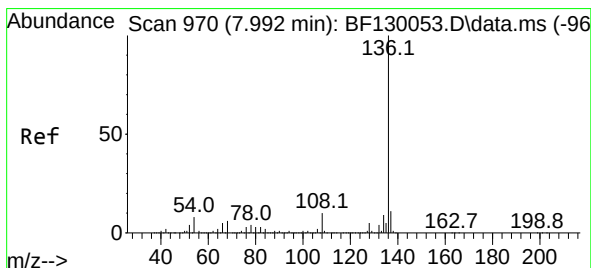
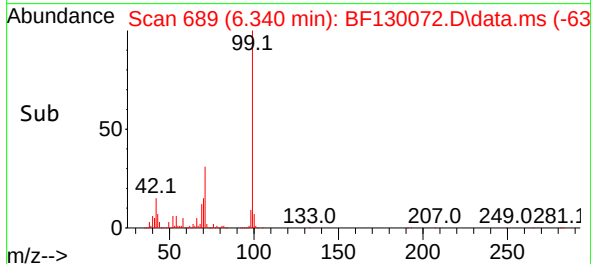
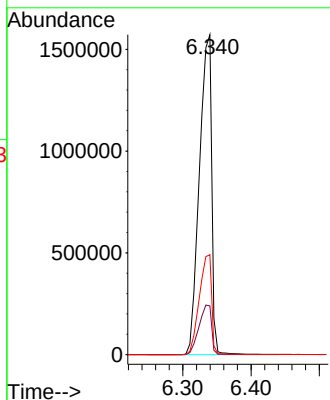
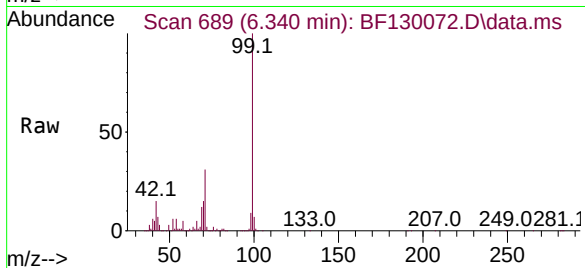




#7
Phenol-d6
Concen: 110.797 ng
RT: 6.340 min Scan# 689
Delta R.T. -0.006 min
Lab File: BF130072.D
Acq: 01 Sep 2022 11:29

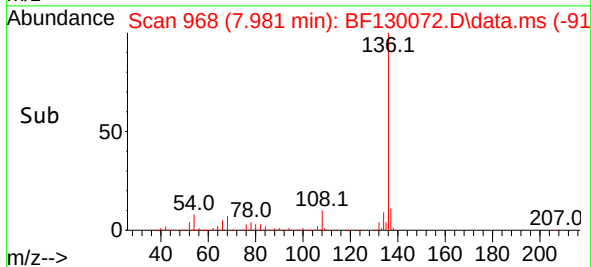
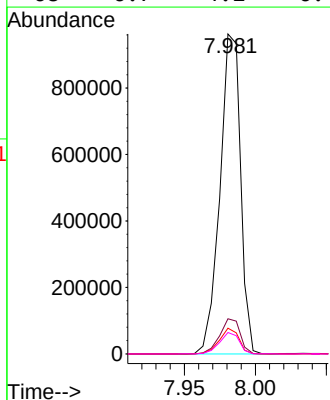
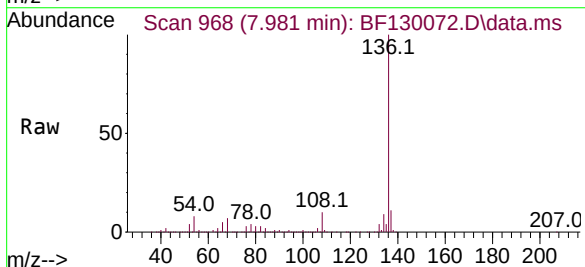
Instrument :
BNA_F
ClientSampleId :
WC-4

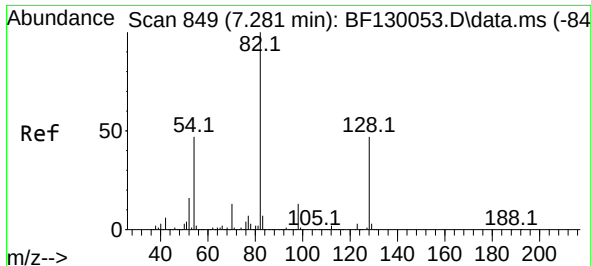
Tgt Ion: 99 Resp: 1972808
Ion Ratio Lower Upper
99 100
42 15.2 15.0 22.4
71 31.2 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 968
Delta R.T. -0.011 min
Lab File: BF130072.D
Acq: 01 Sep 2022 11:29

Tgt Ion: 136 Resp: 976645
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.0 6.2 9.2
68 6.7 4.2 6.4





#23

Nitrobenzene-d5

Concen: 97.447 ng

RT: 7.269 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF130072.D

Acq: 01 Sep 2022 11:29

Instrument :

BNA_F

ClientSampleId :

WC-4

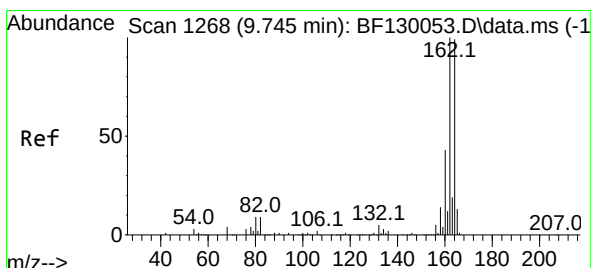
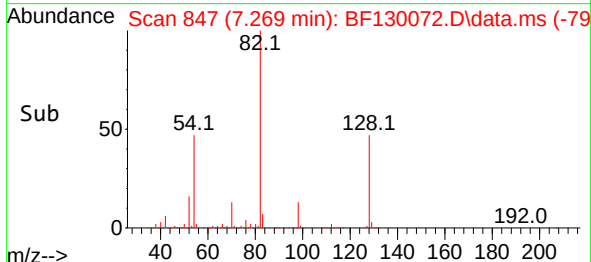
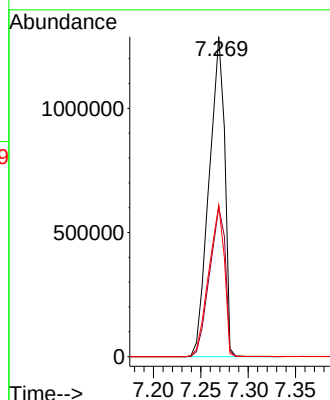
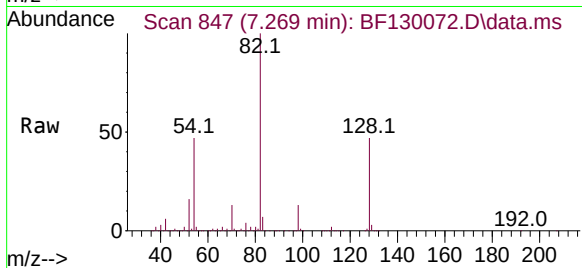
Tgt Ion: 82 Resp: 1480893

Ion Ratio Lower Upper

82 100

128 46.7 36.1 54.1

54 47.4 40.0 60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.733 min Scan# 1266

Delta R.T. -0.011 min

Lab File: BF130072.D

Acq: 01 Sep 2022 11:29

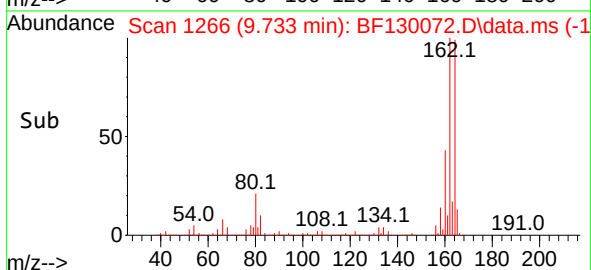
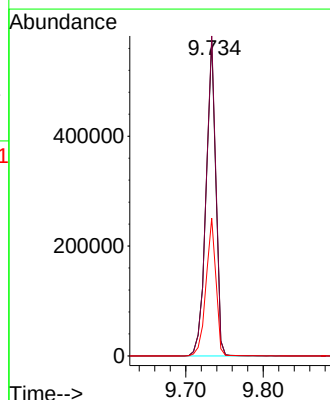
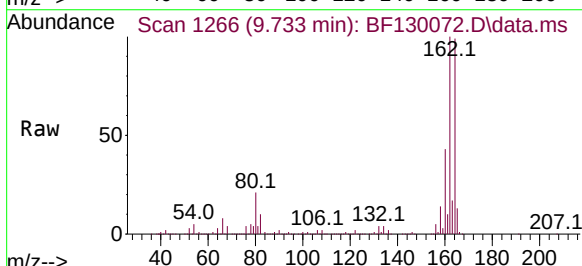
Tgt Ion:164 Resp: 504115

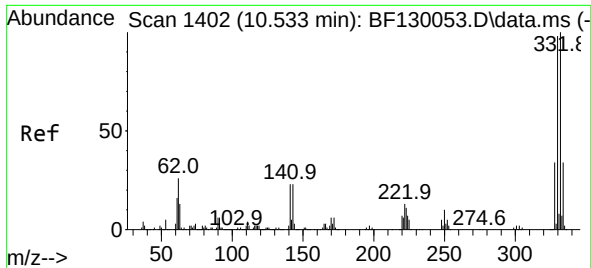
Ion Ratio Lower Upper

164 100

162 101.4 82.0 123.0

160 43.6 35.4 53.0

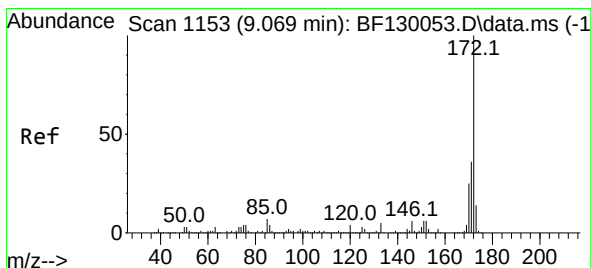
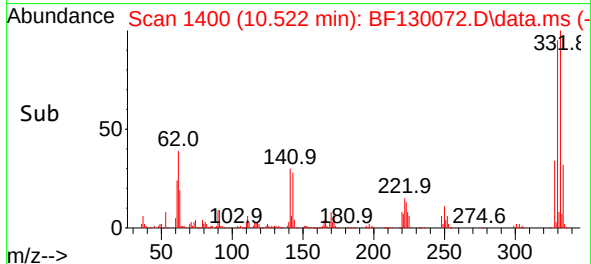
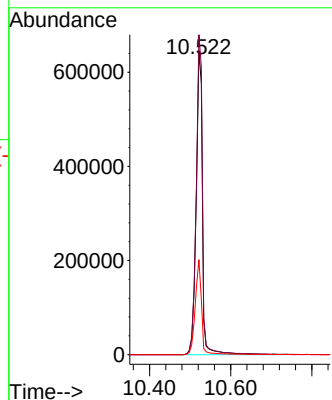
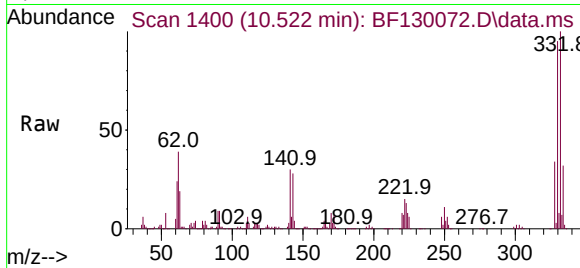




#42
2,4,6-Tribromophenol
Concen: 149.469 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF130072.D
Acq: 01 Sep 2022 11:29

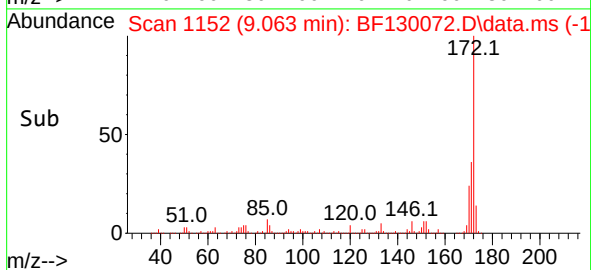
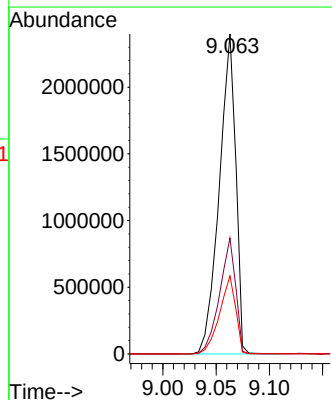
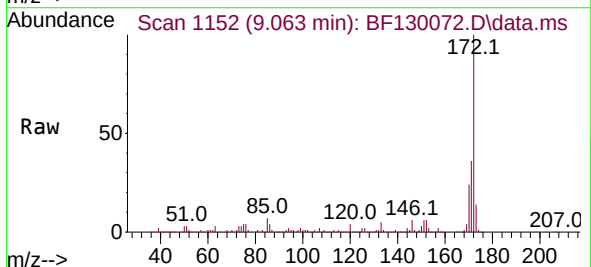
Instrument :
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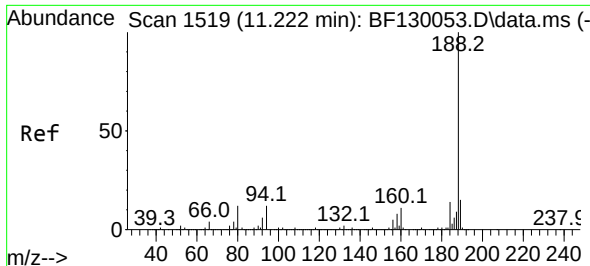
Tgt Ion: 330 Resp: 685891
Ion Ratio Lower Upper
330 100
332 105.4 82.6 124.0
141 31.7 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 85.113 ng
RT: 9.063 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF130072.D
Acq: 01 Sep 2022 11:29

Tgt Ion: 172 Resp: 2587920
Ion Ratio Lower Upper
172 100
171 36.2 28.4 42.6
170 24.4 19.1 28.7

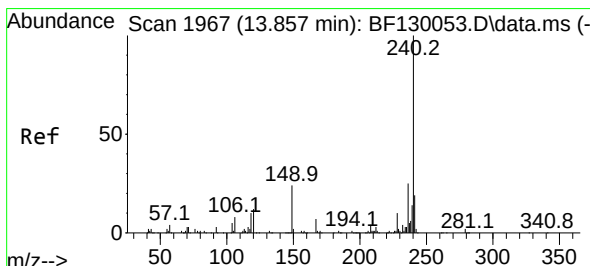
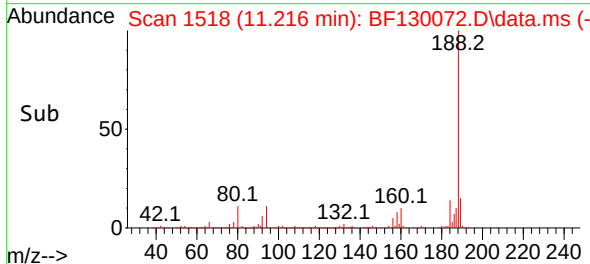
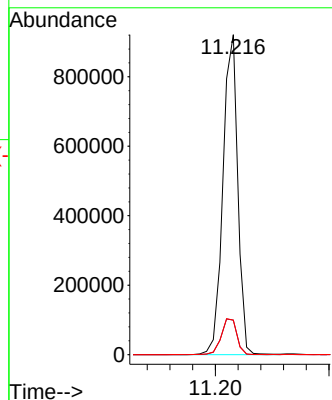
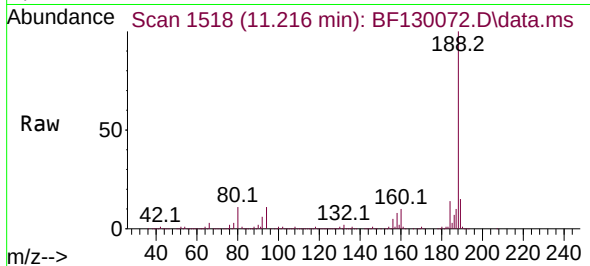




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.216 min Scan# 1518
Delta R.T. -0.006 min
Lab File: BF130072.D
Acq: 01 Sep 2022 11:29

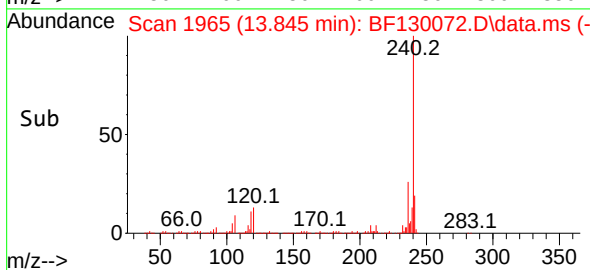
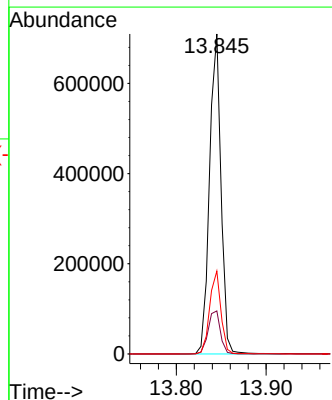
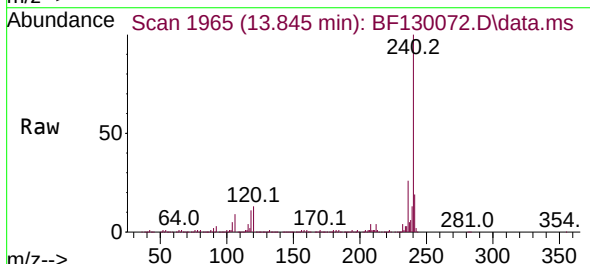
Instrument :
BNA_F
ClientSampleId :
WC-4

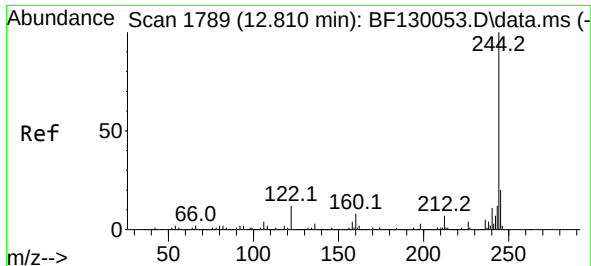
Tgt Ion:188 Resp: 831899
Ion Ratio Lower Upper
188 100
94 10.8 7.4 11.2
80 10.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.845 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BF130072.D
Acq: 01 Sep 2022 11:29

Tgt Ion:240 Resp: 629343
Ion Ratio Lower Upper
240 100
120 13.4 9.2 13.8
236 25.9 20.7 31.1

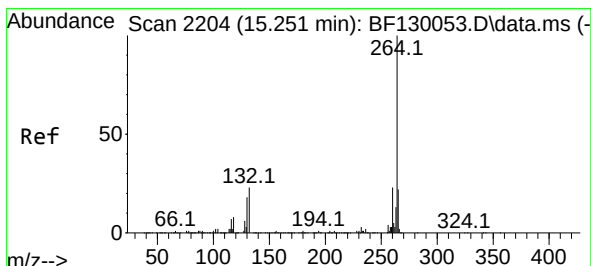
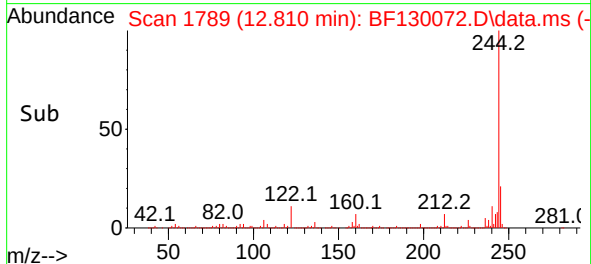
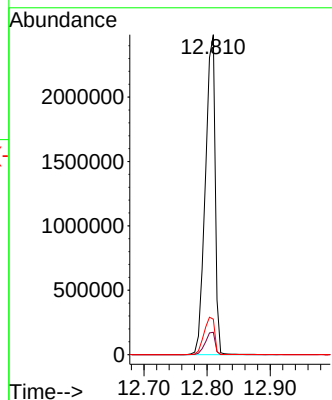
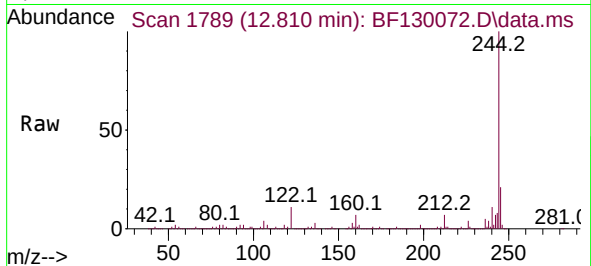




#79
 Terphenyl-d14
 Concen: 73.317 ng
 RT: 12.810 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130072.D
 Acq: 01 Sep 2022 11:29

Instrument :
 BNA_F
 ClientSampleId :
 WC-4

Tgt Ion:244 Resp: 2660798
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 11.1 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.245 min Scan# 2203
 Delta R.T. -0.006 min
 Lab File: BF130072.D
 Acq: 01 Sep 2022 11:29

Tgt Ion:264 Resp: 601709
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 22.2 16.7 25.1

