

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
 Data File : BF130091.D
 Acq On : 01 Sep 2022 22:29
 Operator : CG\JU
 Sample : N4391-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 256317-4

Quant Time: Sep 02 04:05:57 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	228731	20.000	ng	0.00
21) Naphthalene-d8	7.980	136	904062	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	479960	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	794884	20.000	ng	0.00
76) Chrysene-d12	13.839	240	535730	20.000	ng	#-0.02
86) Perylene-d12	15.245	264	435979	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1236842	91.799	ng	0.00
7) Phenol-d6	6.328	99	1140866	67.919	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1330408	94.573	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	582893	133.416	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2370444	81.884	ng	0.00
79) Terphenyl-d14	12.804	244	2542874	82.311	ng	0.00

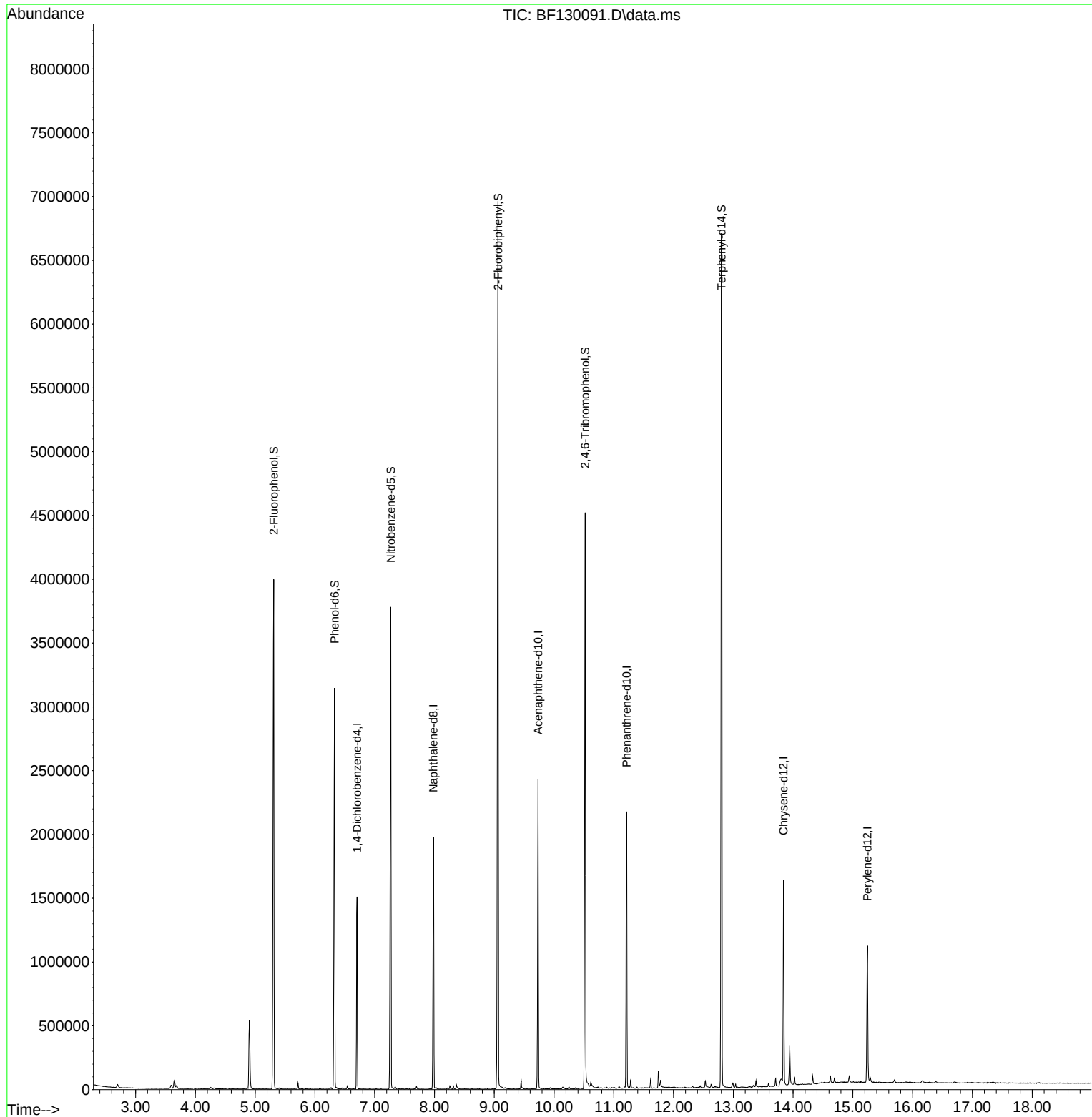
Target Compounds	Qvalue

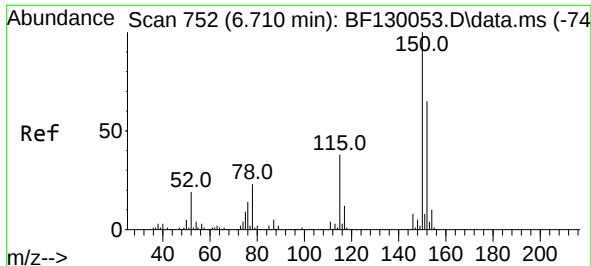
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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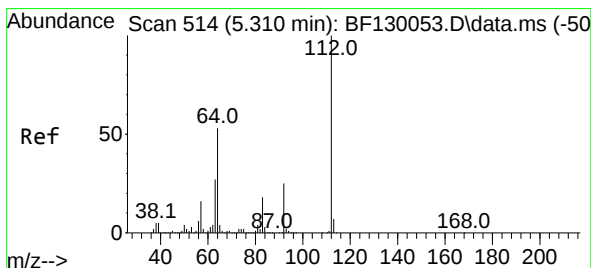
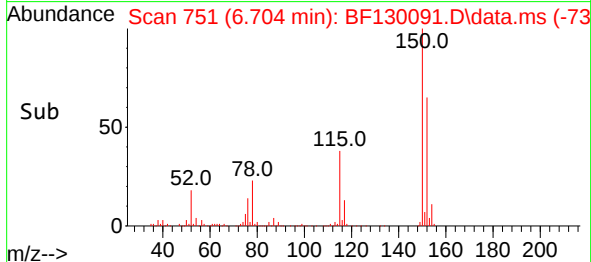
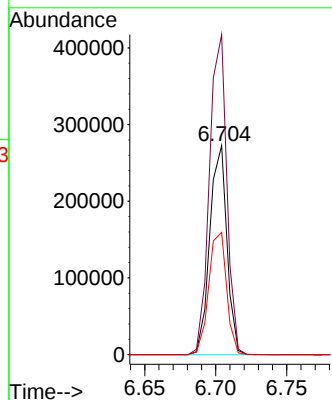
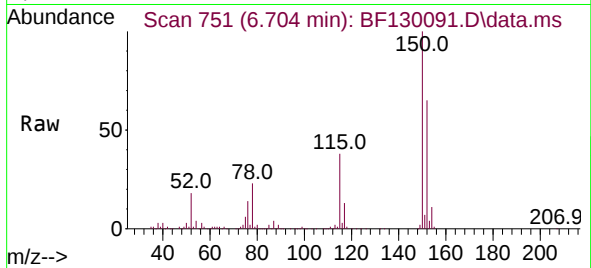




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130091.D
 Acq: 01 Sep 2022 22:29

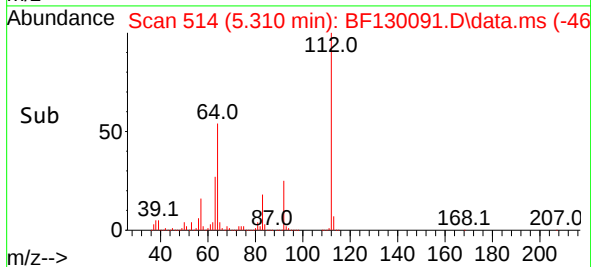
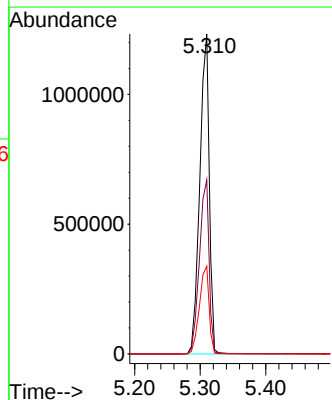
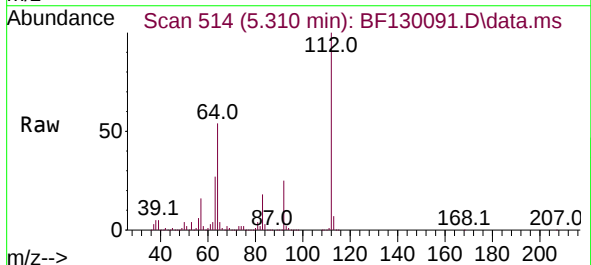
Instrument :
 BNA_F
 ClientSampleId :
 256317-4

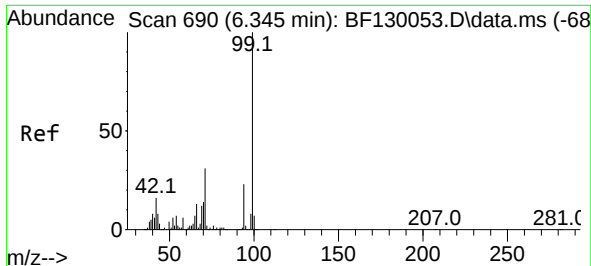
Tgt Ion:152 Resp: 228731
 Ion Ratio Lower Upper
 152 100
 150 153.0 126.9 190.3
 115 58.5 53.4 80.0



#5
 2-Fluorophenol
 Concen: 91.799 ng
 RT: 5.310 min Scan# 514
 Delta R.T. -0.000 min
 Lab File: BF130091.D
 Acq: 01 Sep 2022 22:29

Tgt Ion:112 Resp: 1236842
 Ion Ratio Lower Upper
 112 100
 64 54.4 47.6 71.4
 63 27.4 24.6 37.0

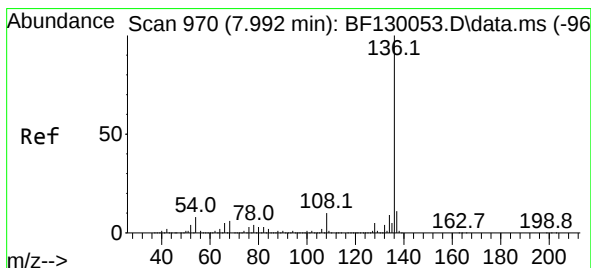
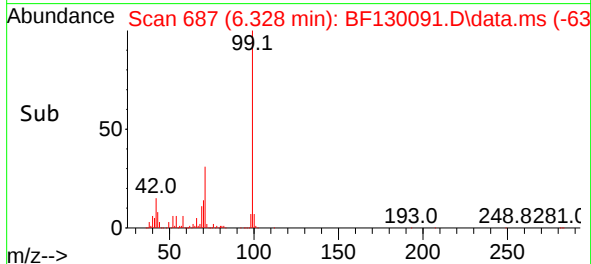
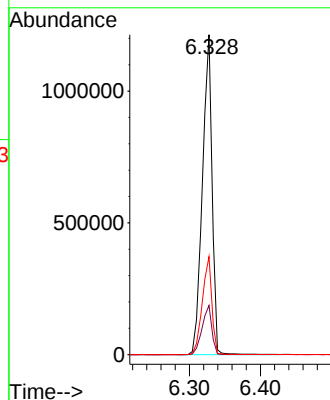
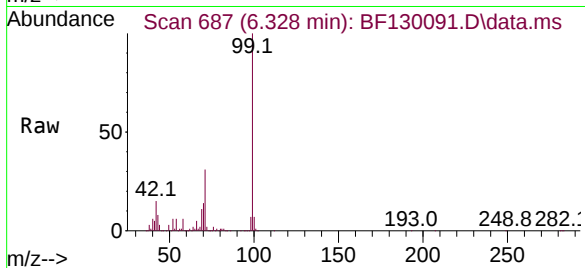




#7
Phenol-d6
Concen: 67.919 ng
RT: 6.328 min Scan# 68
Delta R.T. -0.018 min
Lab File: BF130091.D
Acq: 01 Sep 2022 22:29

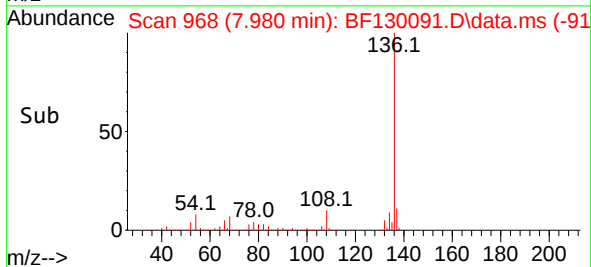
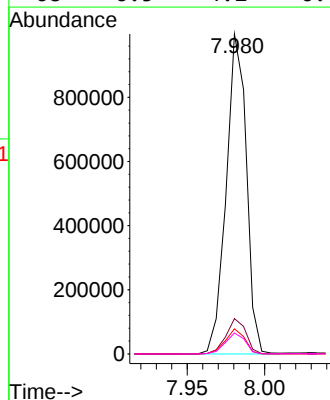
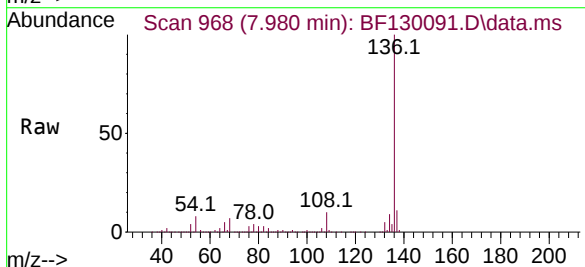
Instrument :
BNA_F
ClientSampleId :
256317-4

Tgt Ion: 99 Resp: 1140866
Ion Ratio Lower Upper
99 100
42 15.4 15.0 22.4
71 30.6 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.980 min Scan# 968
Delta R.T. -0.012 min
Lab File: BF130091.D
Acq: 01 Sep 2022 22:29

Tgt Ion: 136 Resp: 904062
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.8 6.2 9.2
68 6.5 4.2 6.4





#23

Nitrobenzene-d5

Concen: 94.573 ng

RT: 7.269 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF130091.D

Acq: 01 Sep 2022 22:29

Instrument :

BNA_F

ClientSampleId :

256317-4

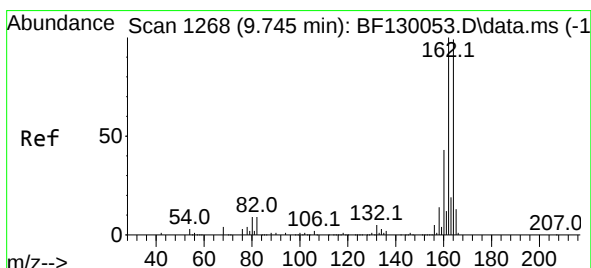
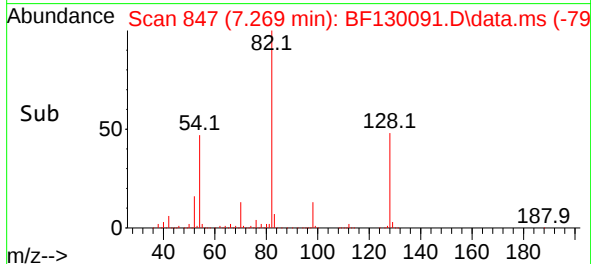
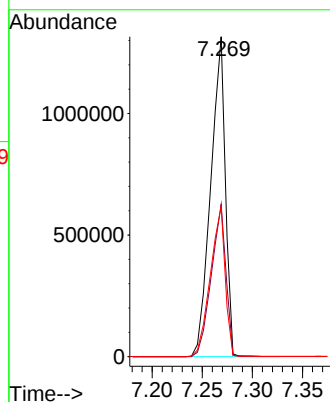
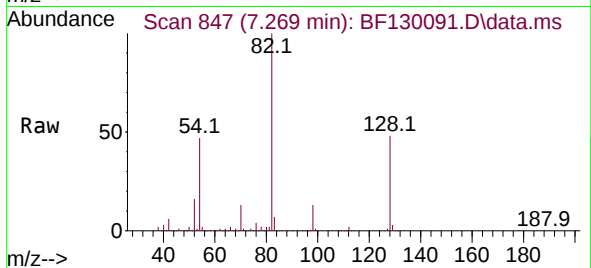
Tgt Ion: 82 Resp: 1330408

Ion Ratio Lower Upper

82 100

128 47.6 36.1 54.1

54 46.9 40.0 60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.733 min Scan# 1266

Delta R.T. -0.012 min

Lab File: BF130091.D

Acq: 01 Sep 2022 22:29

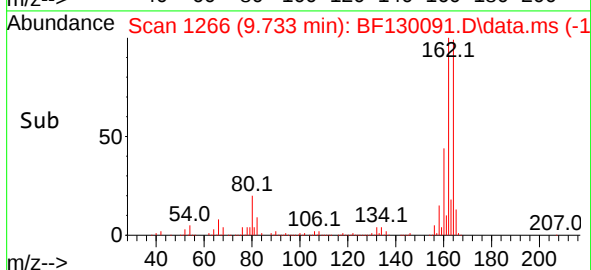
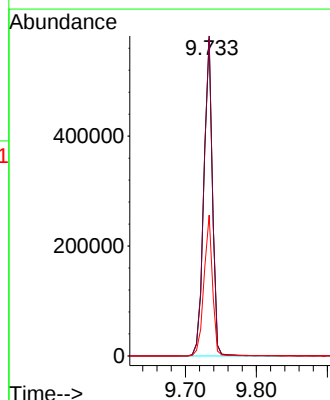
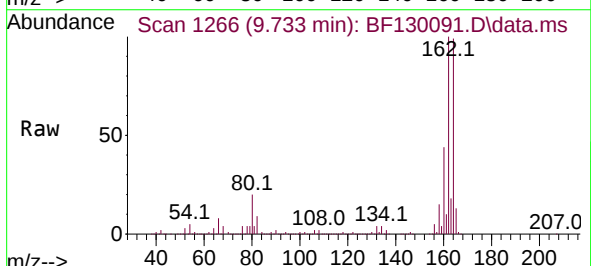
Tgt Ion:164 Resp: 479960

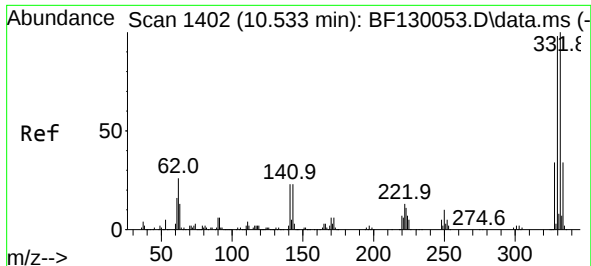
Ion Ratio Lower Upper

164 100

162 100.9 82.0 123.0

160 44.4 35.4 53.0

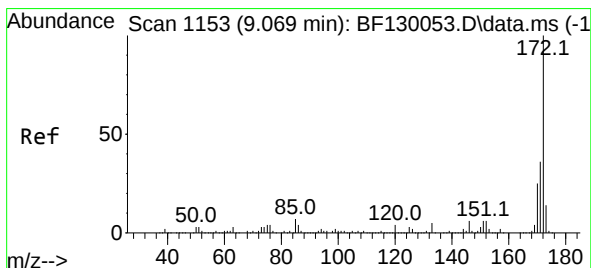
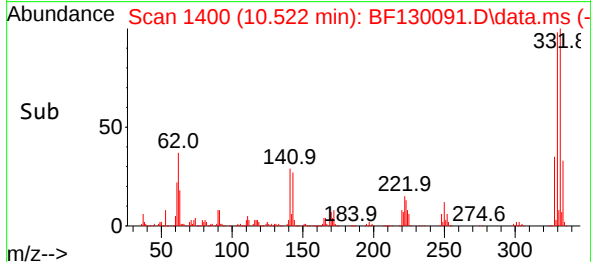
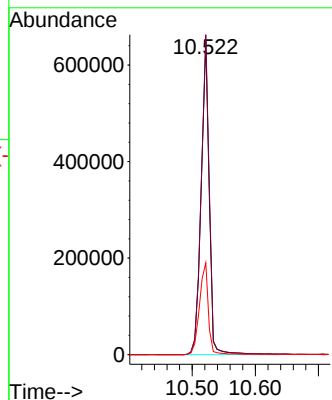
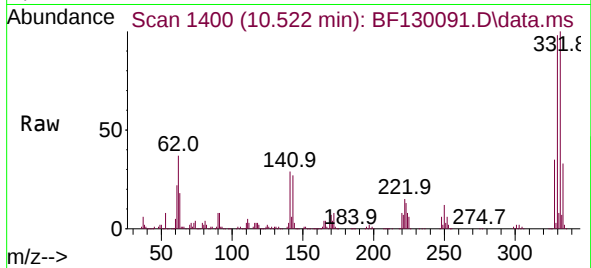




#42
2,4,6-Tribromophenol
Concen: 133.416 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF130091.D
Acq: 01 Sep 2022 22:29

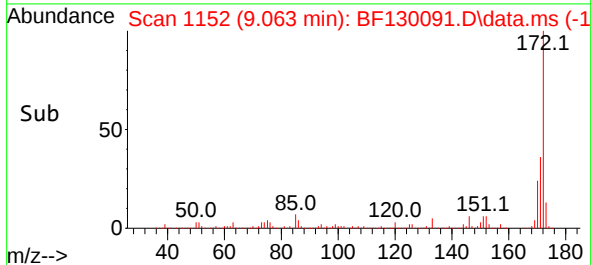
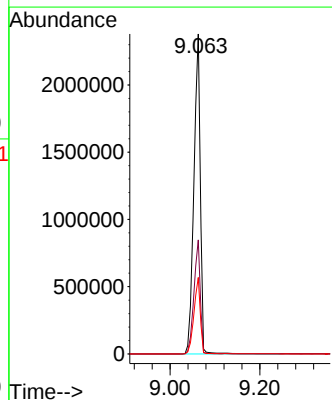
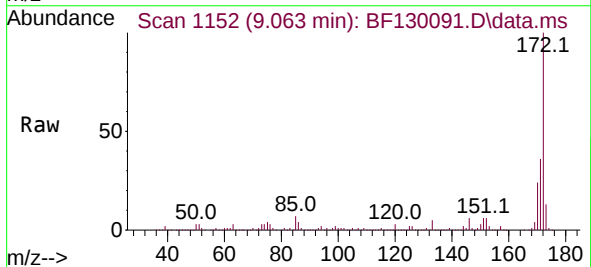
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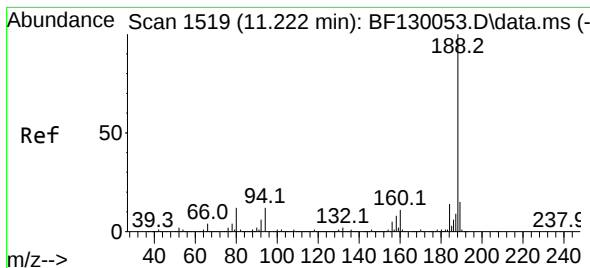
Tgt Ion: 330 Resp: 582893
Ion Ratio Lower Upper
330 100
332 103.3 82.6 124.0
141 32.3 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 81.884 ng
RT: 9.063 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF130091.D
Acq: 01 Sep 2022 22:29

Tgt Ion: 172 Resp: 2370444
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.9 19.1 28.7

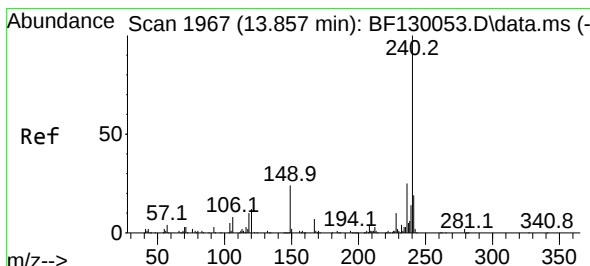
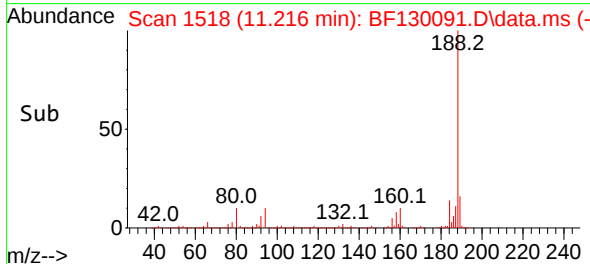
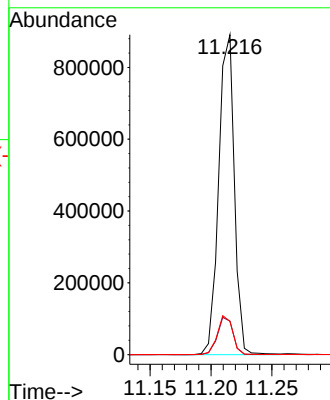
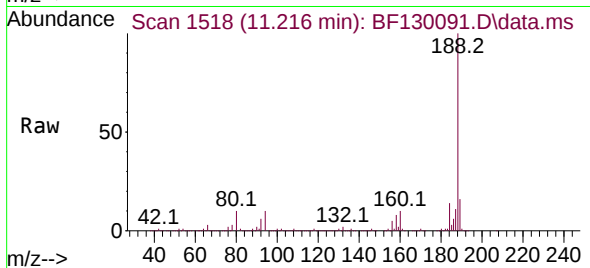




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130091.D
Acq: 01 Sep 2022 22:29

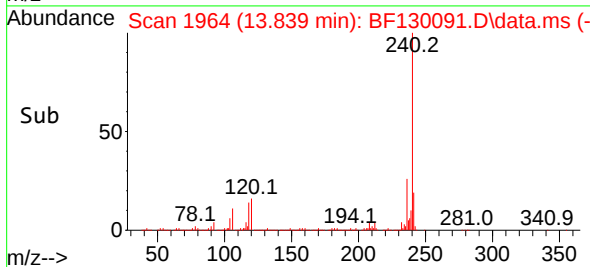
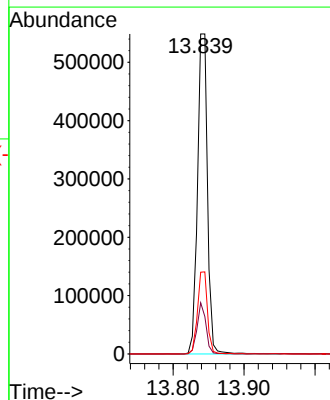
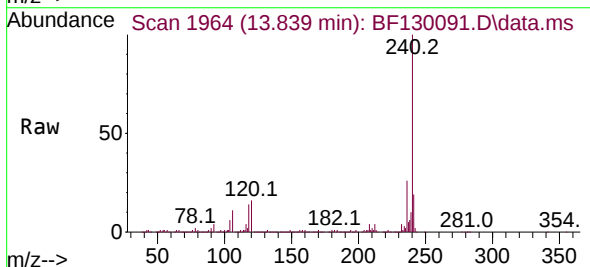
Instrument :
BNA_F
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256317-4

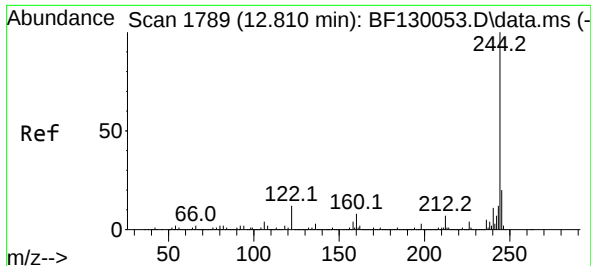
Tgt Ion:188 Resp: 794884
Ion Ratio Lower Upper
188 100
94 10.5 7.4 11.2
80 10.4 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BF130091.D
Acq: 01 Sep 2022 22:29

Tgt Ion:240 Resp: 535730
Ion Ratio Lower Upper
240 100
120 16.0 9.2 13.8#
236 25.5 20.7 31.1

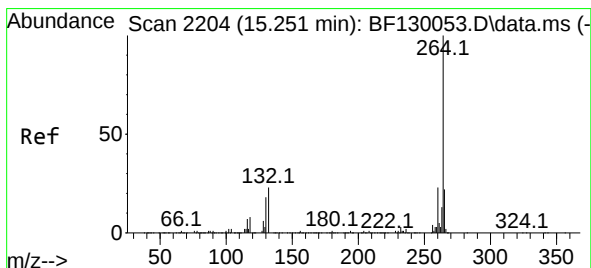
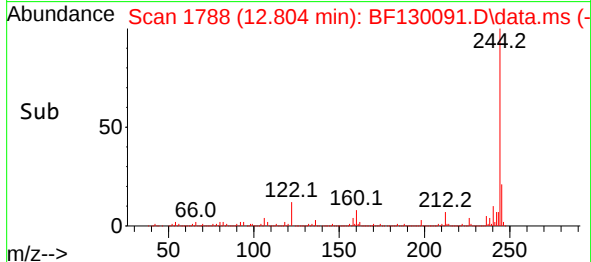
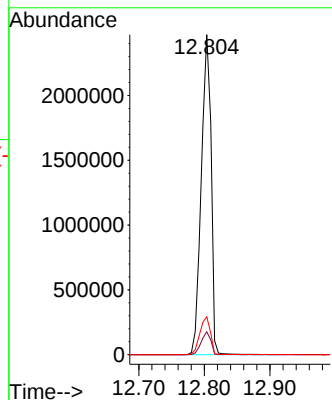
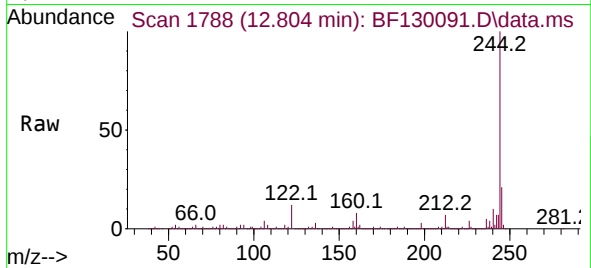




#79
 Terphenyl-d14
 Concen: 82.311 ng
 RT: 12.804 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130091.D
 Acq: 01 Sep 2022 22:29

Instrument :
 BNA_F
 ClientSampleId :
 256317-4

Tgt Ion:244 Resp: 2542874
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.8 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: BF130091.D
 Acq: 01 Sep 2022 22:29

Tgt Ion:264 Resp: 435979
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.1 16.7 25.1

