

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
 Data File : BF130090.D
 Acq On : 01 Sep 2022 21:57
 Operator : CG\JU
 Sample : N4391-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 256317-3

Quant Time: Sep 02 04:05:27 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	242943	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	968747	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	511869	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	840455	20.000	ng	0.00
76) Chrysene-d12	13.845	240	571945	20.000	ng	-0.01
86) Perylene-d12	15.245	264	463225	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	865709	60.495	ng	0.00
7) Phenol-d6	6.322	99	645797	36.197	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1390174	92.223	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	622155	133.526	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2488413	80.600	ng	0.00
79) Terphenyl-d14	12.804	244	2506737	76.004	ng	0.00

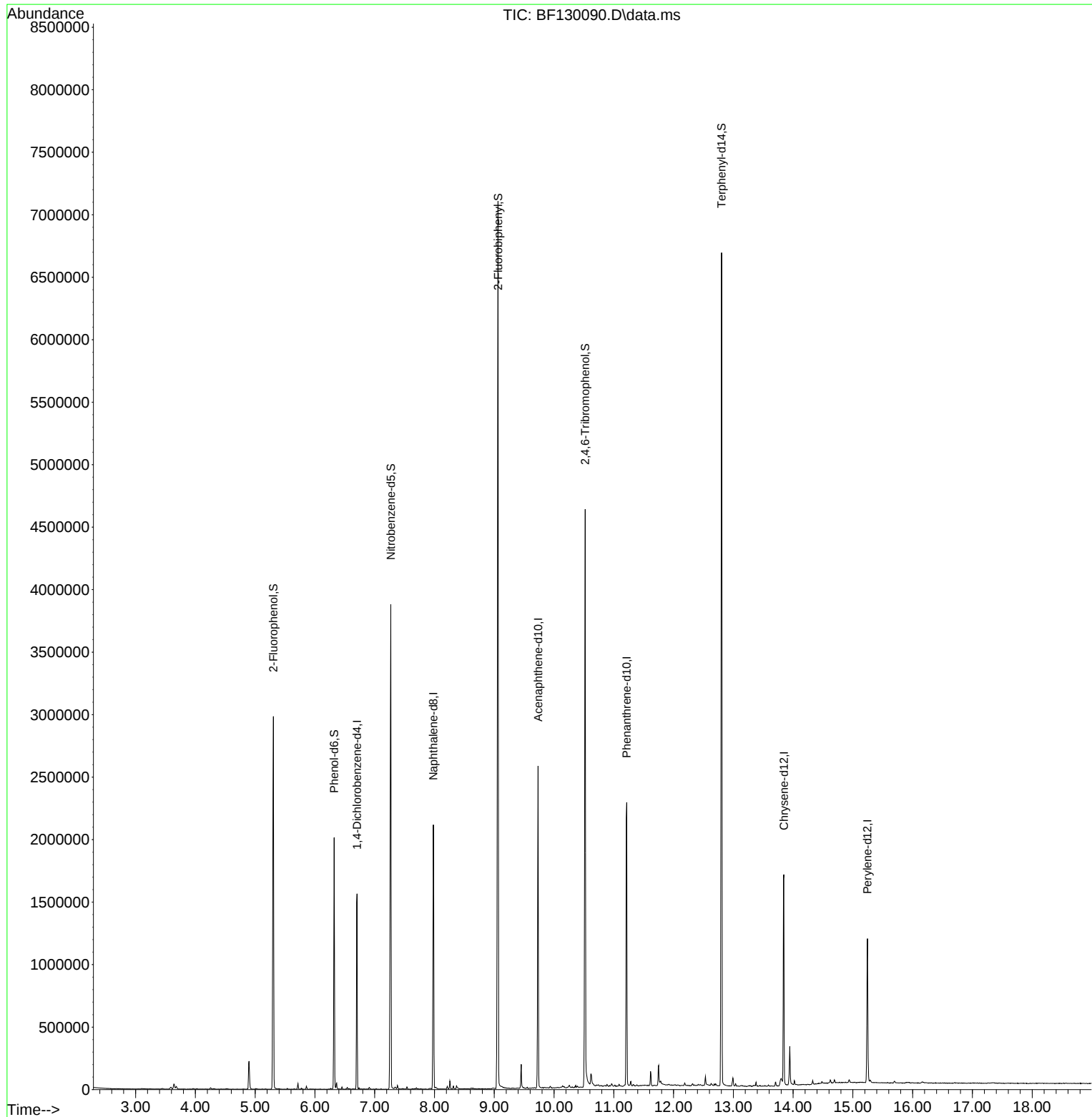
Target Compounds Qvalue

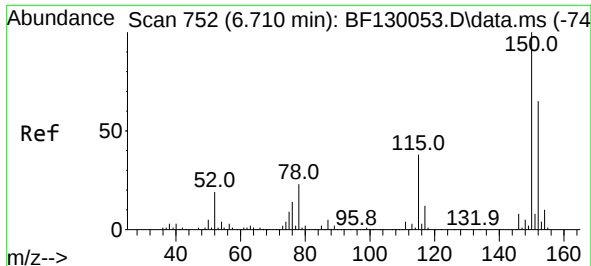
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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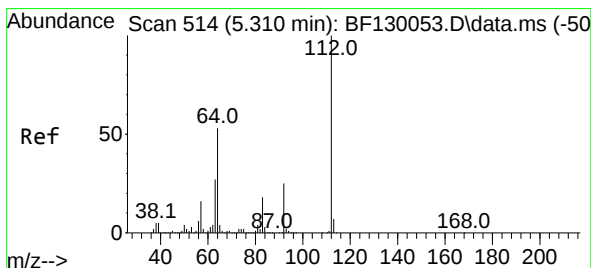
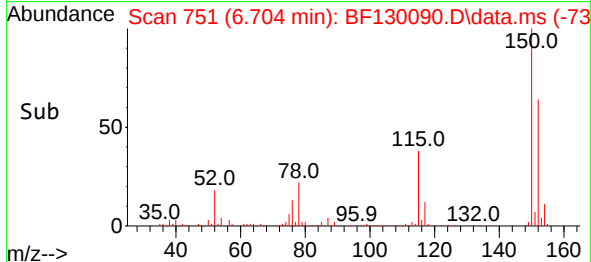
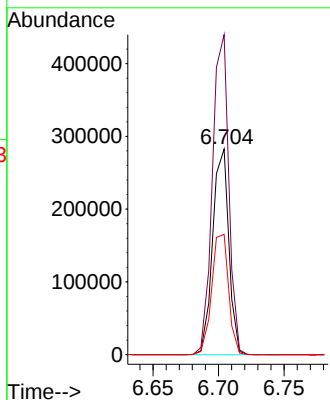
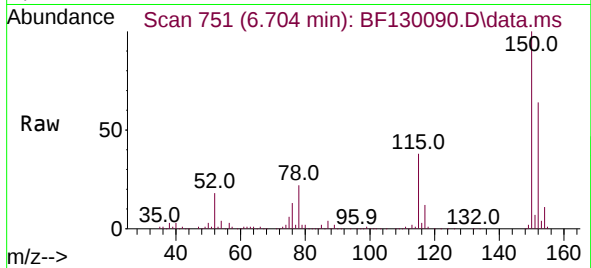




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130090.D
Acq: 01 Sep 2022 21:57

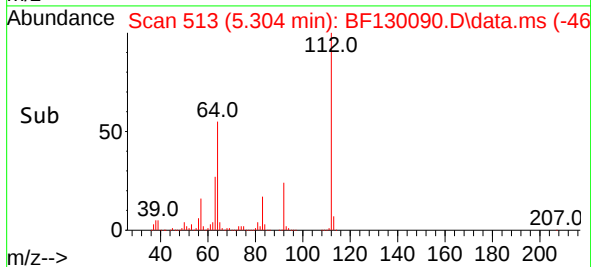
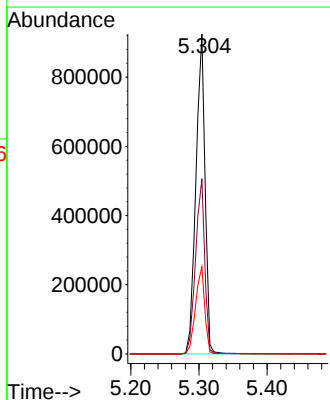
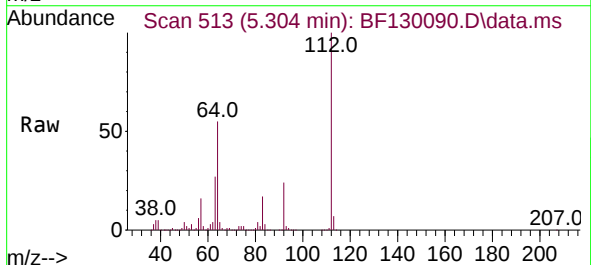
Instrument :
BNA_F
ClientSampleId :
256317-3

Tgt Ion:152 Resp: 242943
Ion Ratio Lower Upper
152 100
150 155.7 126.9 190.3
115 58.5 53.4 80.0



#5
2-Fluorophenol
Concen: 60.495 ng
RT: 5.304 min Scan# 513
Delta R.T. -0.006 min
Lab File: BF130090.D
Acq: 01 Sep 2022 21:57

Tgt Ion:112 Resp: 865709
Ion Ratio Lower Upper
112 100
64 54.7 47.6 71.4
63 27.2 24.6 37.0

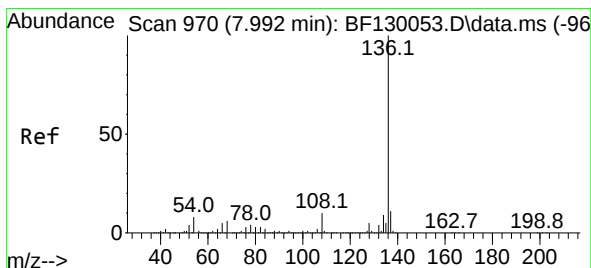
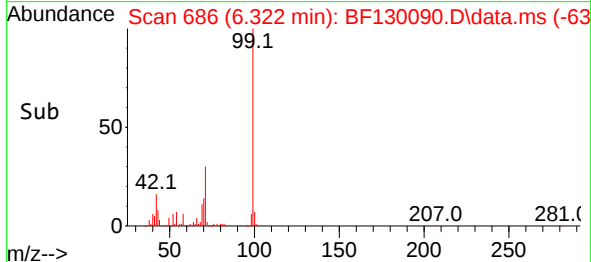
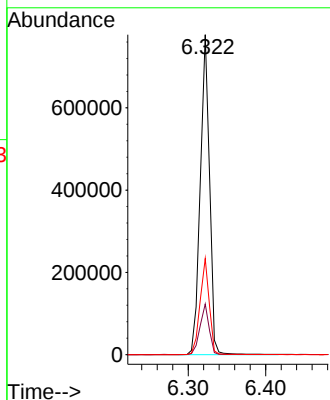
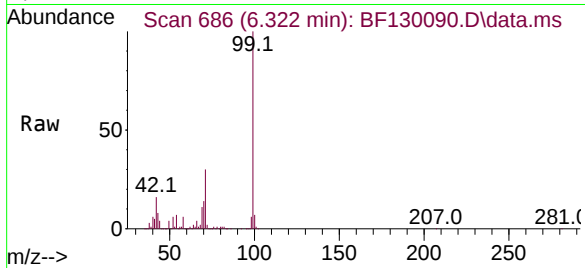




#7
Phenol-d6
Concen: 36.197 ng
RT: 6.322 min Scan# 68
Delta R.T. -0.024 min
Lab File: BF130090.D
Acq: 01 Sep 2022 21:57

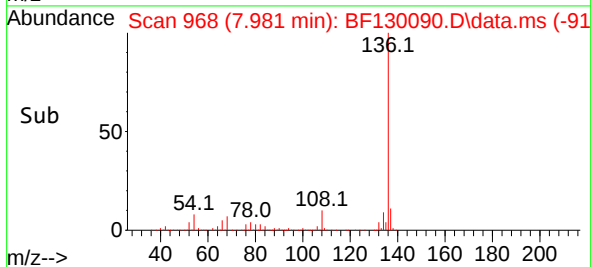
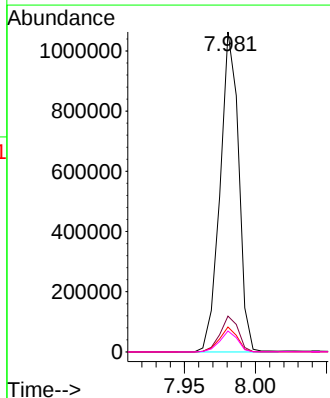
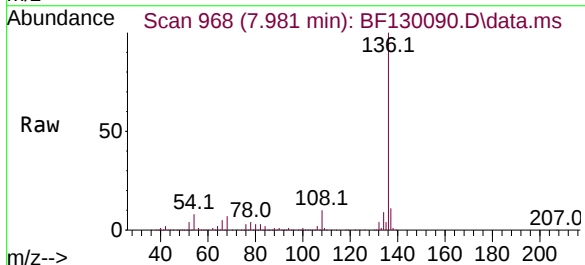
Instrument :
BNA_F
ClientSampleId :
256317-3

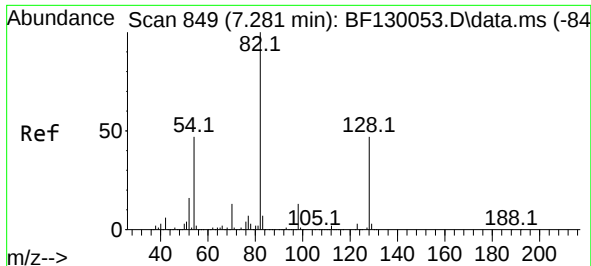
Tgt Ion: 99 Resp: 645797
Ion Ratio Lower Upper
99 100
42 15.8 15.0 22.4
71 30.0 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 968
Delta R.T. -0.011 min
Lab File: BF130090.D
Acq: 01 Sep 2022 21:57

Tgt Ion: 136 Resp: 968747
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.8 6.2 9.2
68 6.6 4.2 6.4





#23

Nitrobenzene-d5

Concen: 92.223 ng

RT: 7.269 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF130090.D

Acq: 01 Sep 2022 21:57

Instrument :

BNA_F

ClientSampleId :

256317-3

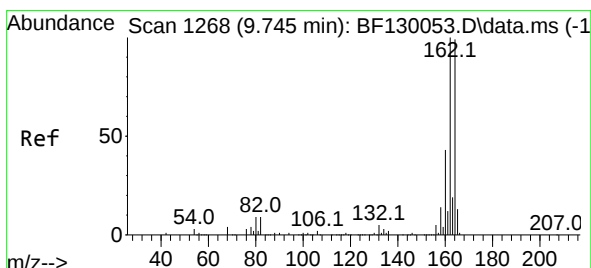
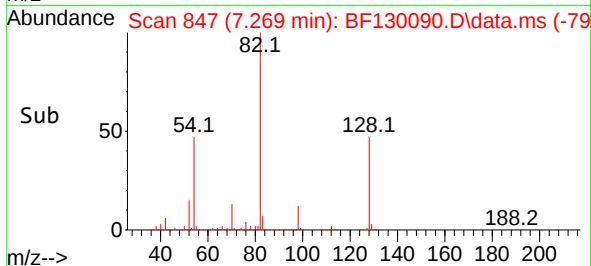
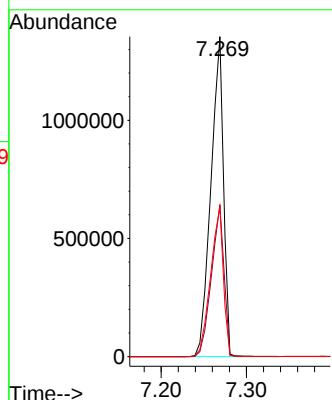
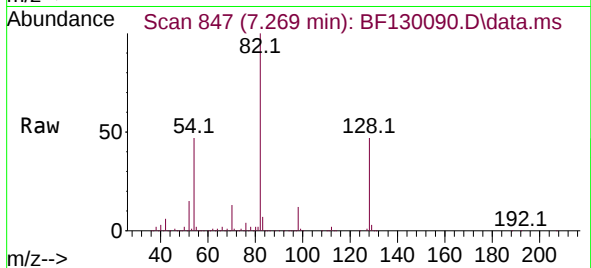
Tgt Ion: 82 Resp: 1390174

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: 9.733 min Scan# 1266

Delta R.T. -0.012 min

Lab File: BF130090.D

Acq: 01 Sep 2022 21:57

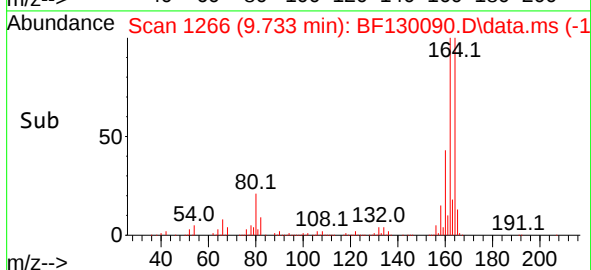
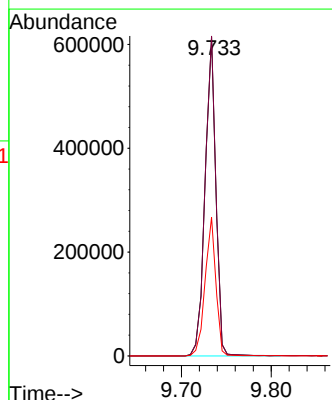
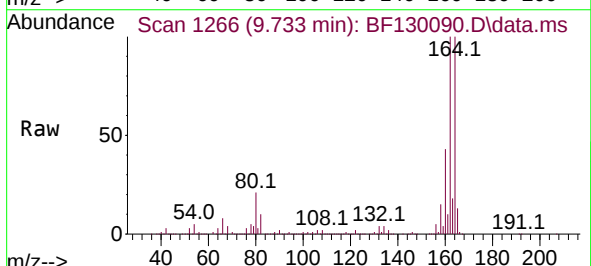
Tgt Ion:164 Resp: 511869

Ion Ratio Lower Upper

164 100

162 100.4 82.0 123.0

160 43.5 35.4 53.0

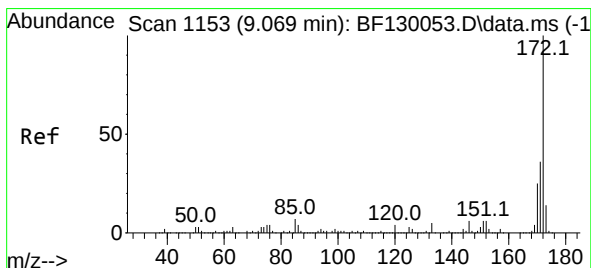
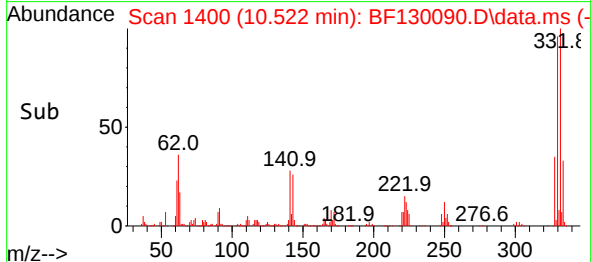
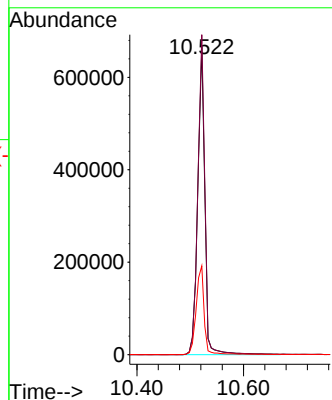
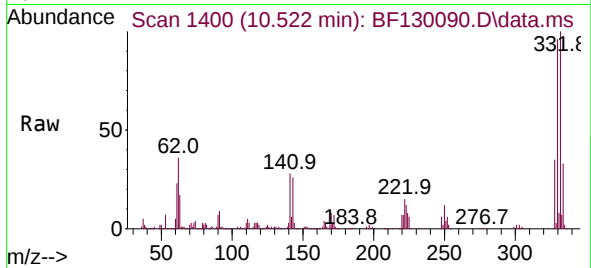




#42
2,4,6-Tribromophenol
Concen: 133.526 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF130090.D
Acq: 01 Sep 2022 21:57

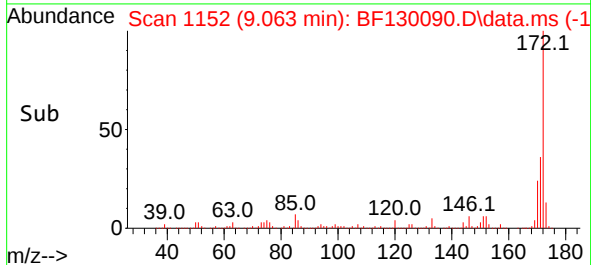
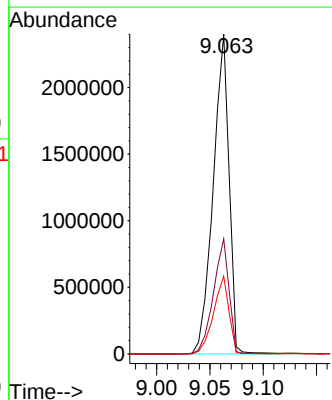
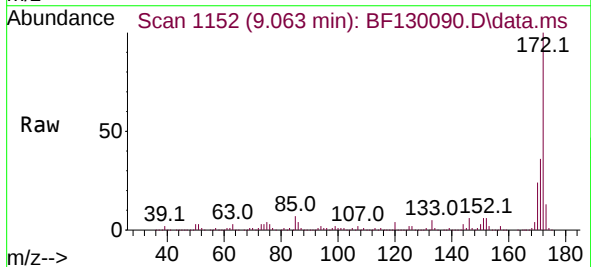
Instrument :
BNA_F
ClientSampleId :
256317-3

Tgt Ion: 330 Resp: 622155
Ion Ratio Lower Upper
330 100
332 103.5 82.6 124.0
141 32.5 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 80.600 ng
RT: 9.063 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF130090.D
Acq: 01 Sep 2022 21:57

Tgt Ion: 172 Resp: 2488413
Ion Ratio Lower Upper
172 100
171 36.0 28.4 42.6
170 24.3 19.1 28.7

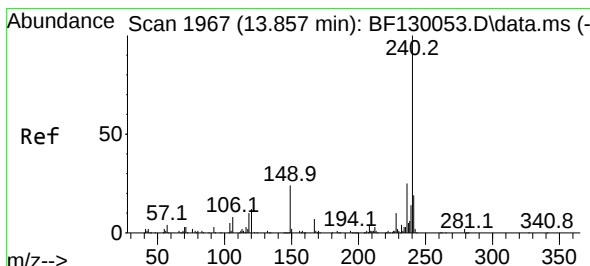
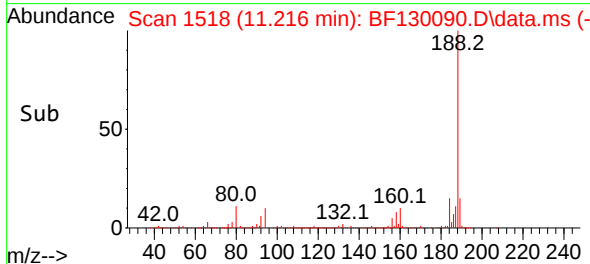
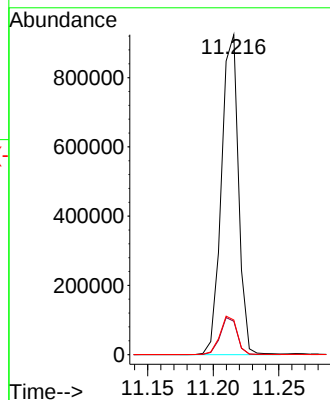
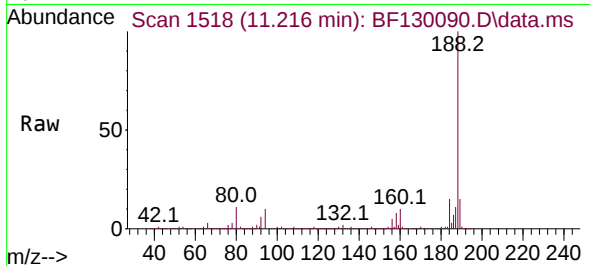




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130090.D
Acq: 01 Sep 2022 21:57

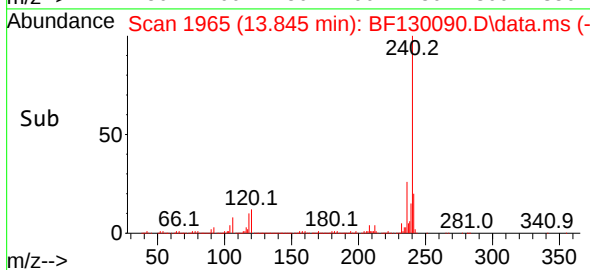
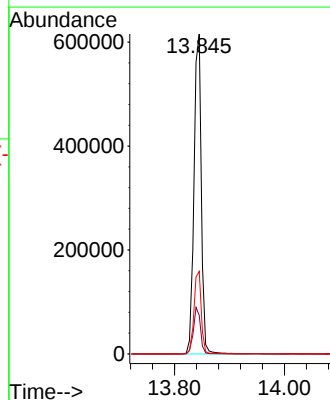
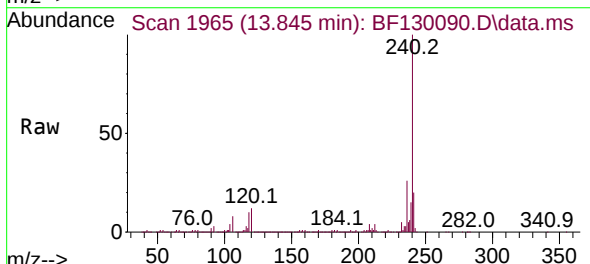
Instrument :
BNA_F
ClientSampleId :
256317-3

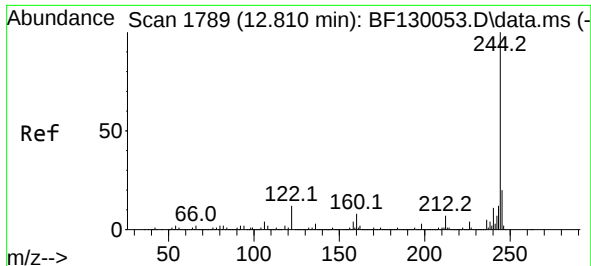
Tgt Ion:188 Resp: 840455
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 10.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.845 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BF130090.D
Acq: 01 Sep 2022 21:57

Tgt Ion:240 Resp: 571945
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 25.8 20.7 31.1





#79

Terphenyl-d14

Concen: 76.004 ng

RT: 12.804 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130090.D

Acq: 01 Sep 2022 21:57

Instrument :

BNA_F

ClientSampleId :

256317-3

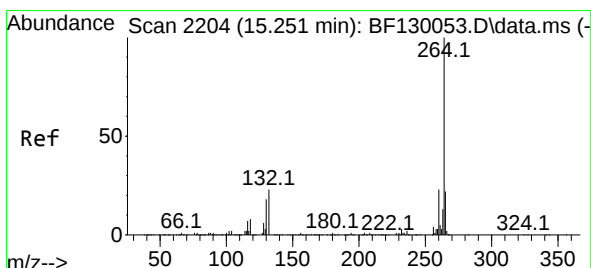
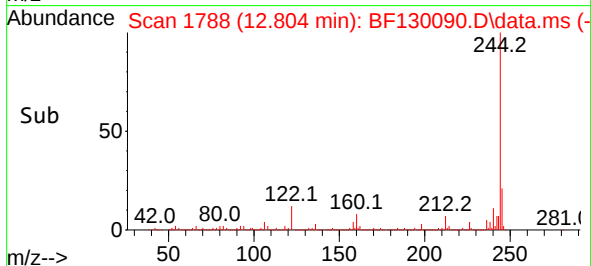
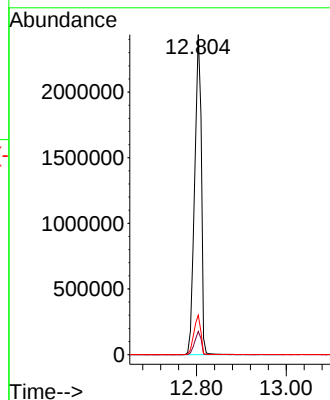
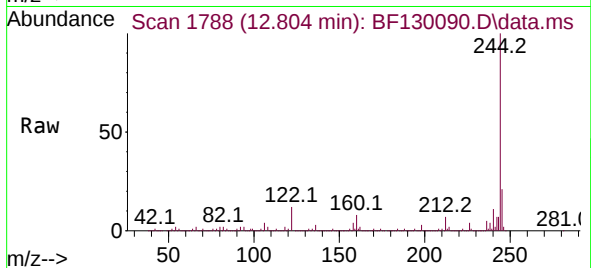
Tgt Ion:244 Resp: 2506737

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 12.3 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: BF130090.D

Acq: 01 Sep 2022 21:57

Tgt Ion:264 Resp: 463225

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.8 16.7 25.1

