

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
 Data File : BF130088.D
 Acq On : 01 Sep 2022 20:52
 Operator : CG\JU
 Sample : N4389-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 265393-3

Quant Time: Sep 02 04:04:29 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	247530	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	977785	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	518263	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	865816	20.000	ng	0.00
76) Chrysene-d12	13.845	240	598180	20.000	ng	-0.01
86) Perylene-d12	15.245	264	484355	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1211999	83.123	ng	0.00
7) Phenol-d6	6.328	99	1062021	58.424	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1473352	96.838	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	689590	146.173	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2588322	82.802	ng	0.00
79) Terphenyl-d14	12.810	244	2856836	82.820	ng	0.00

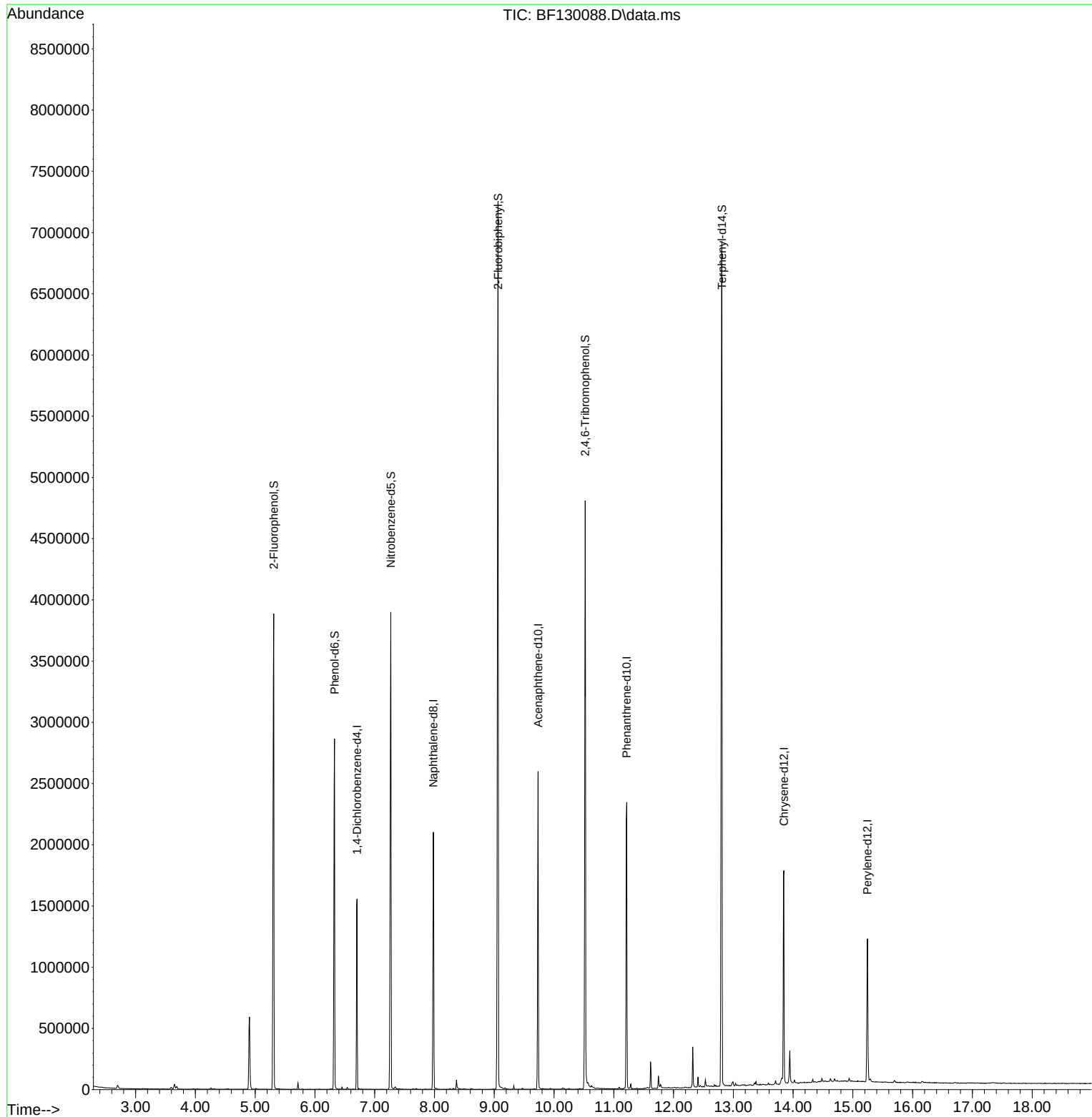
Target Compounds	Qvalue

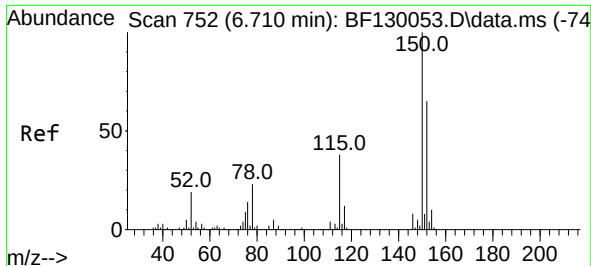
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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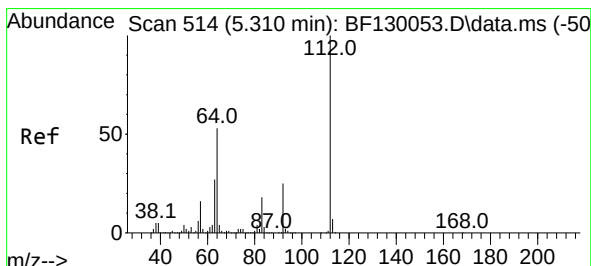
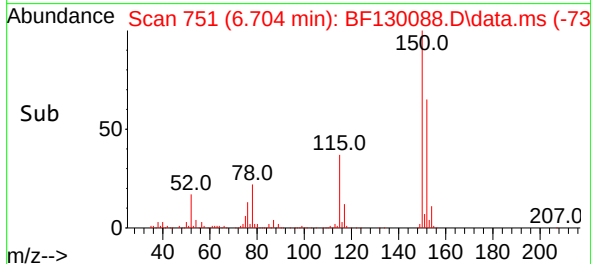
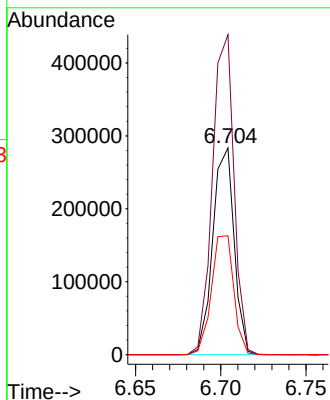
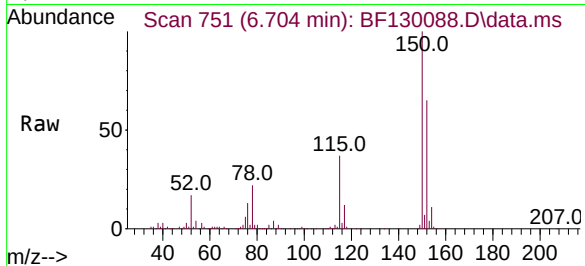




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 752
 Delta R.T. -0.006 min
 Lab File: BF130088.D
 Acq: 01 Sep 2022 20:52

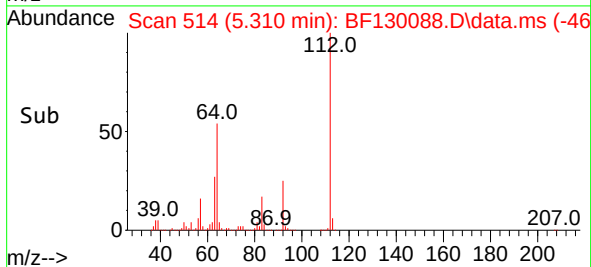
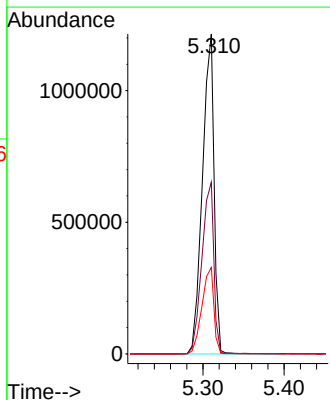
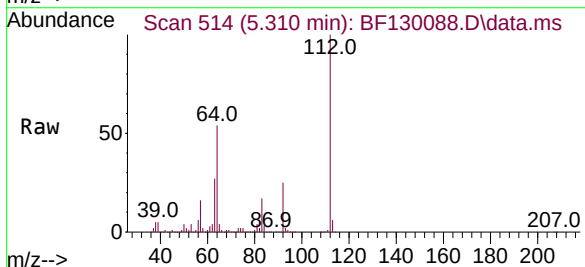
Instrument :
 BNA_F
 ClientSampleId :
 265393-3

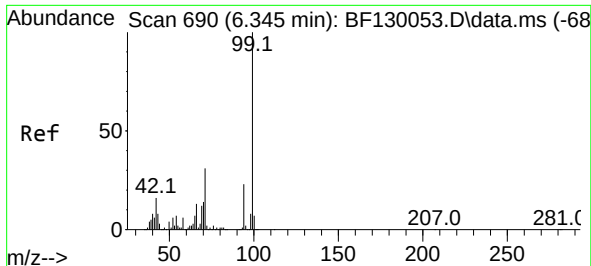
Tgt Ion:152 Resp: 247530
 Ion Ratio Lower Upper
 152 100
 150 154.8 126.9 190.3
 115 57.5 53.4 80.0



#5
 2-Fluorophenol
 Concen: 83.123 ng
 RT: 5.310 min Scan# 514
 Delta R.T. 0.000 min
 Lab File: BF130088.D
 Acq: 01 Sep 2022 20:52

Tgt Ion:112 Resp: 1211999
 Ion Ratio Lower Upper
 112 100
 64 53.6 47.6 71.4
 63 27.0 24.6 37.0

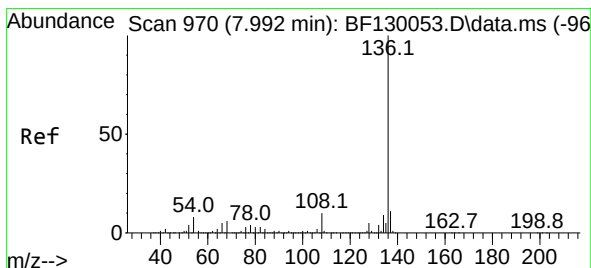
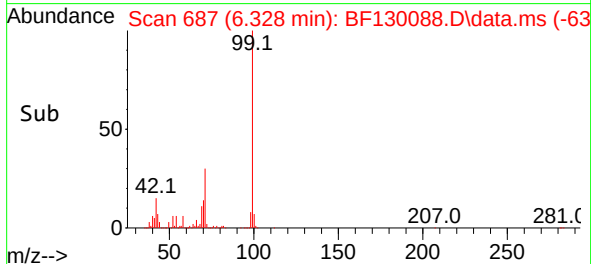
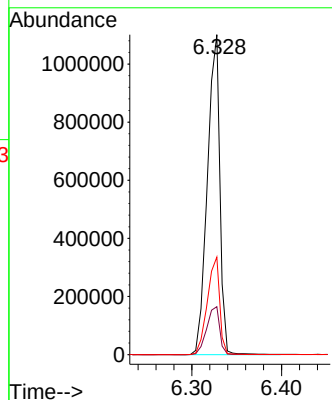
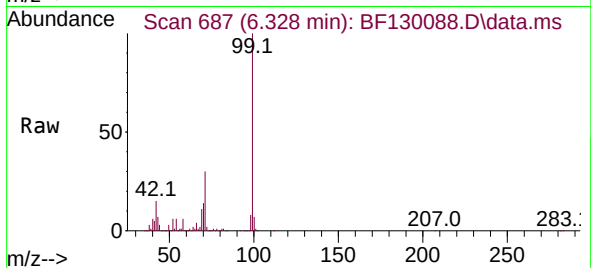




#7
Phenol-d6
Concen: 58.424 ng
RT: 6.328 min Scan# 68
Delta R.T. -0.018 min
Lab File: BF130088.D
Acq: 01 Sep 2022 20:52

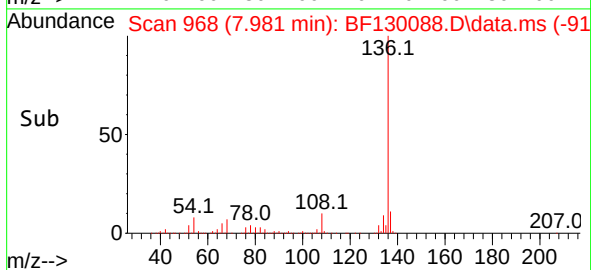
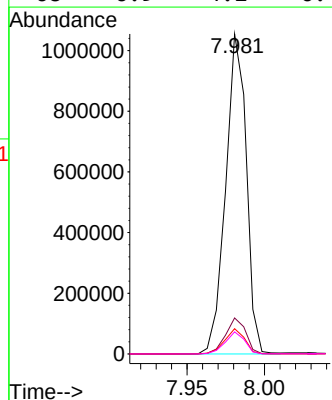
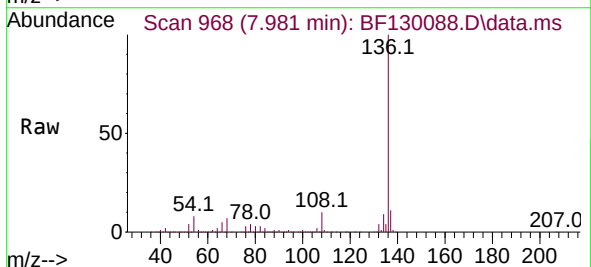
Instrument :
BNA_F
ClientSampleId :
265393-3

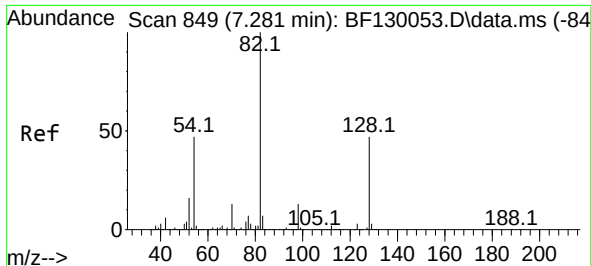
Tgt Ion: 99 Resp: 1062021
Ion Ratio Lower Upper
99 100
42 15.0 15.0 22.4
71 30.5 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 968
Delta R.T. -0.011 min
Lab File: BF130088.D
Acq: 01 Sep 2022 20:52

Tgt Ion: 136 Resp: 977785
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.9 6.2 9.2
68 6.9 4.2 6.4





#23

Nitrobenzene-d5

Concen: 96.838 ng

RT: 7.269 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF130088.D

Acq: 01 Sep 2022 20:52

Instrument :

BNA_F

ClientSampleId :

265393-3

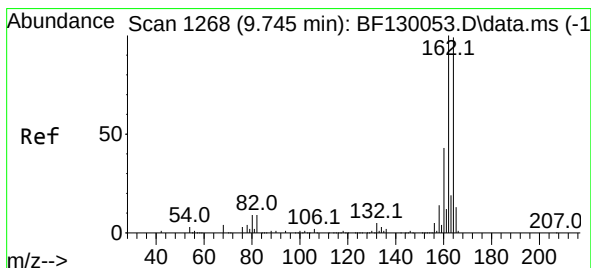
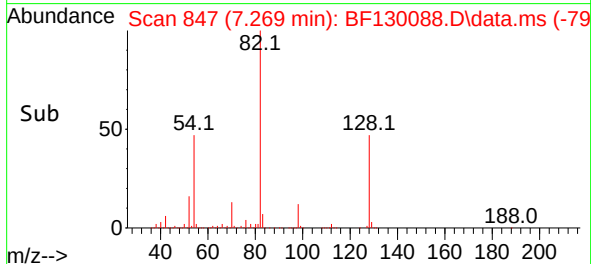
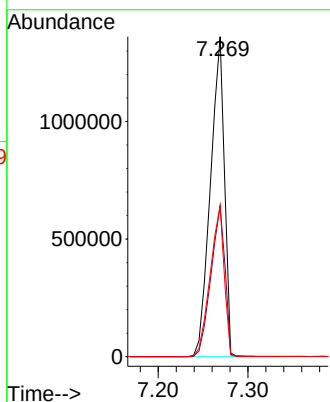
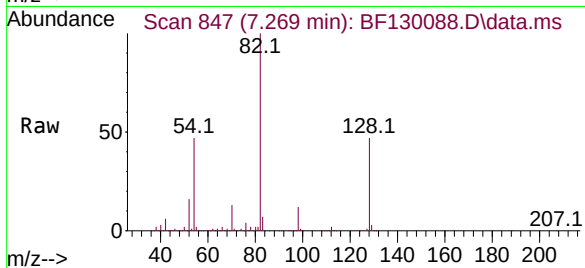
Tgt Ion: 82 Resp: 1473352

Ion Ratio Lower Upper

82 100

128 47.1 36.1 54.1

54 47.2 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: BF130088.D

Acq: 01 Sep 2022 20:52

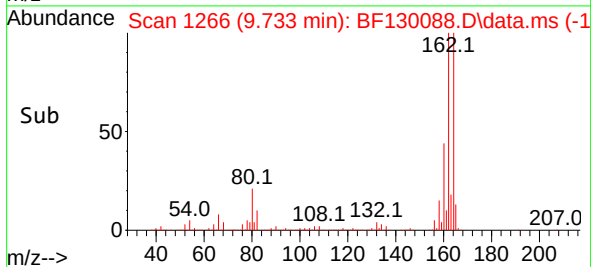
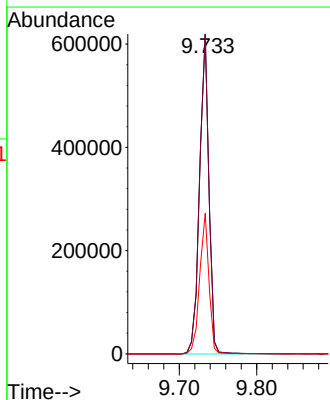
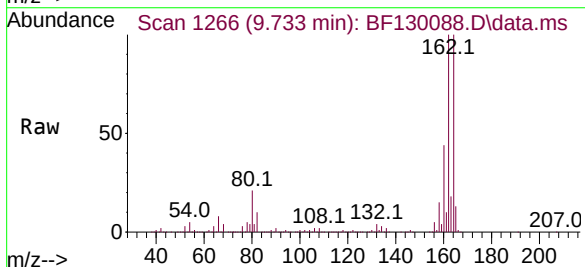
Tgt Ion:164 Resp: 518263

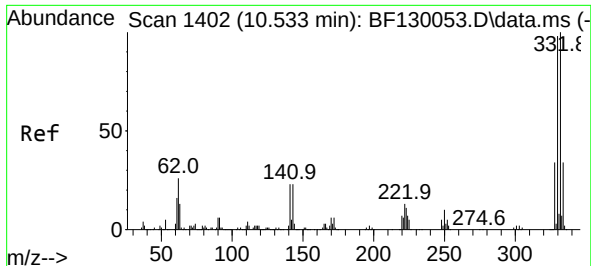
Ion Ratio Lower Upper

164 100

162 99.8 82.0 123.0

160 43.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 146.173 ng

RT: 10.522 min Scan# 1400

Delta R.T. -0.012 min

Lab File: BF130088.D

Acq: 01 Sep 2022 20:52

Instrument :

BNA_F

ClientSampleId :

265393-3

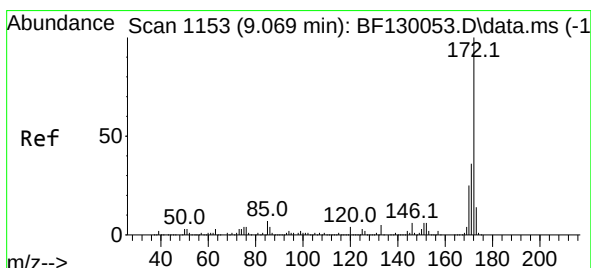
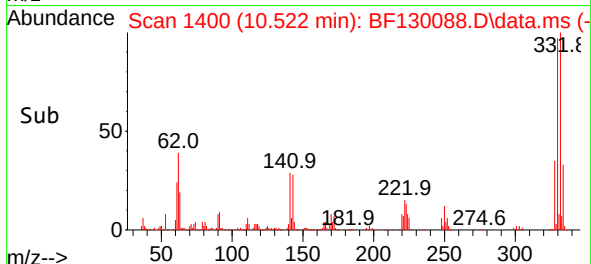
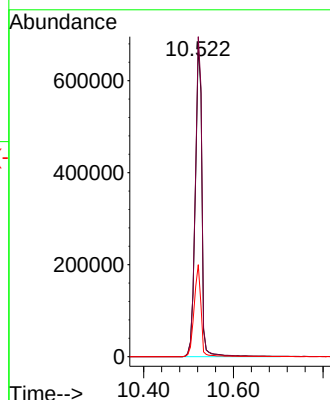
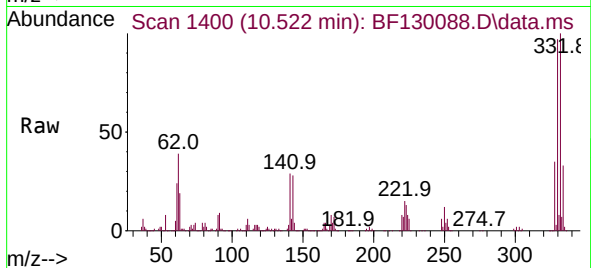
Tgt Ion:330 Resp: 689590

Ion Ratio Lower Upper

330 100

332 102.3 82.6 124.0

141 30.6 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 82.802 ng

RT: 9.063 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF130088.D

Acq: 01 Sep 2022 20:52

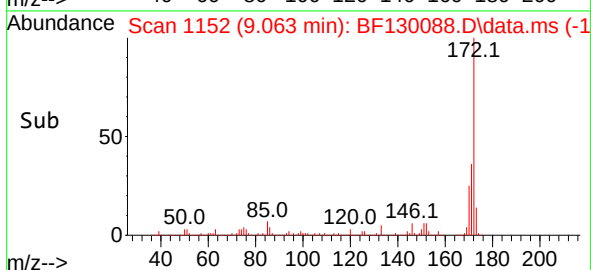
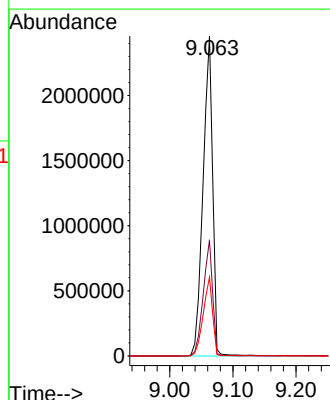
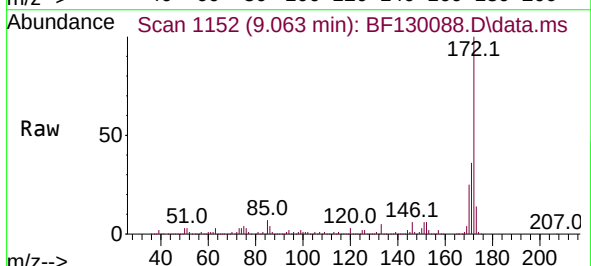
Tgt Ion:172 Resp: 2588322

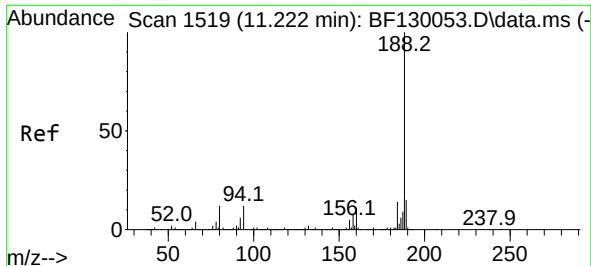
Ion Ratio Lower Upper

172 100

171 36.3 28.4 42.6

170 24.6 19.1 28.7

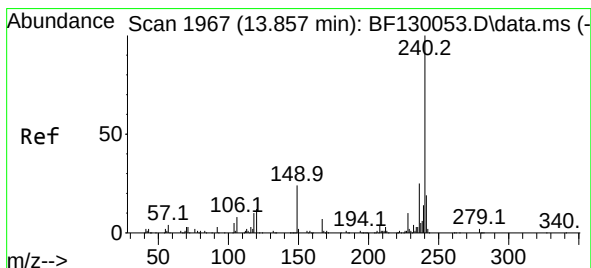
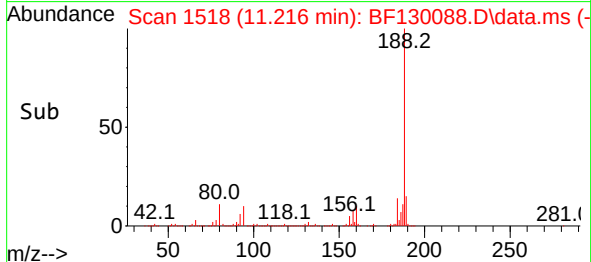
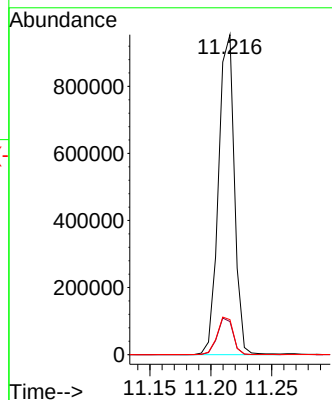
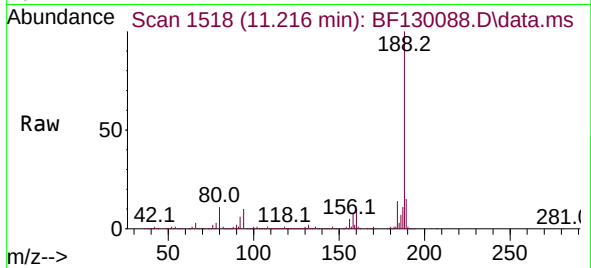




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130088.D
Acq: 01 Sep 2022 20:52

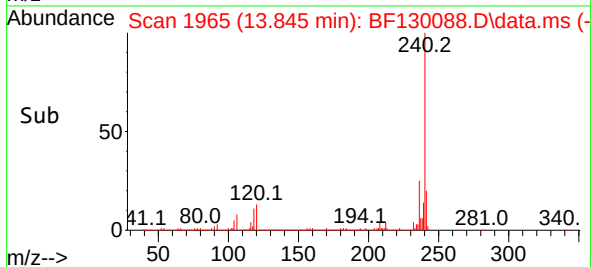
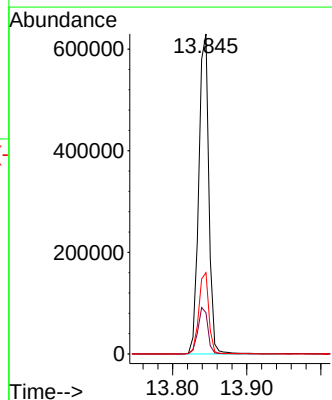
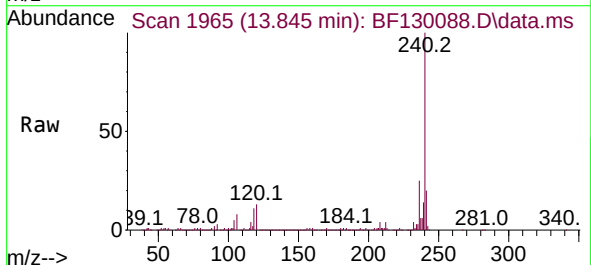
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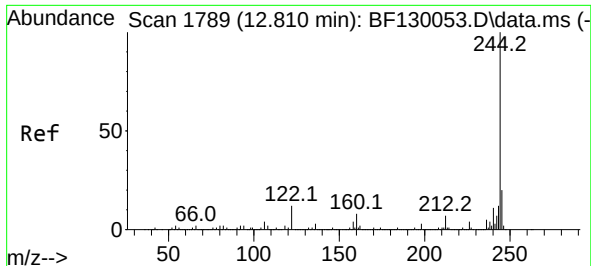
Tgt Ion:188 Resp: 865816
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.2
80 10.9 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.845 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BF130088.D
Acq: 01 Sep 2022 20:52

Tgt Ion:240 Resp: 598180
Ion Ratio Lower Upper
240 100
120 12.9 9.2 13.8
236 25.4 20.7 31.1

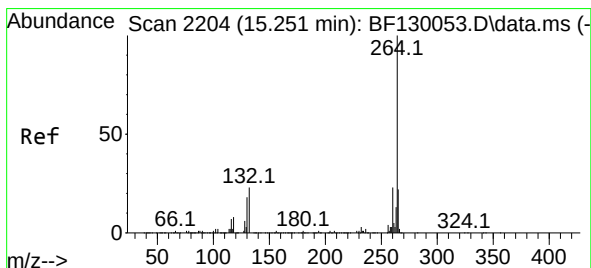
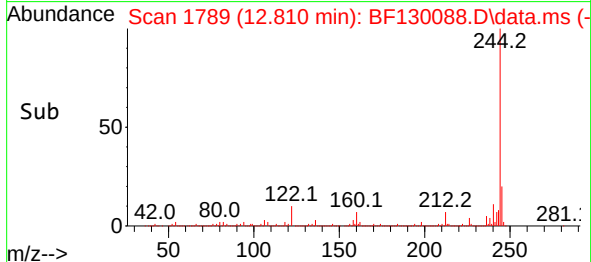
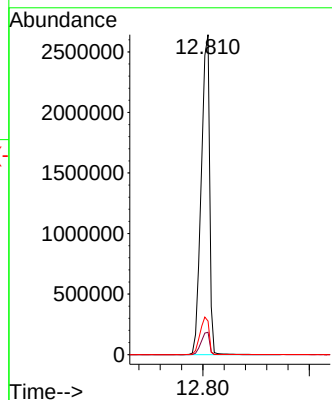
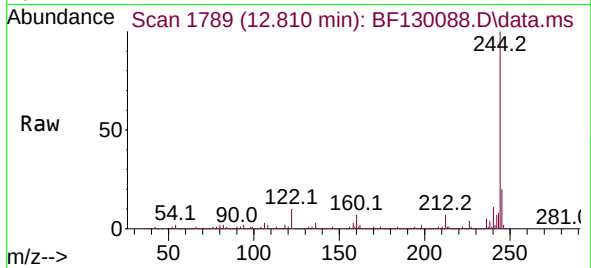




#79
 Terphenyl-d14
 Concen: 82.820 ng
 RT: 12.810 min Scan# 1789
 Delta R.T. 0.000 min
 Lab File: BF130088.D
 Acq: 01 Sep 2022 20:52

Instrument :
 BNA_F
 ClientSampleId :
 265393-3

Tgt Ion:244 Resp: 2856836
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.5 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: BF130088.D
 Acq: 01 Sep 2022 20:52

Tgt Ion:264 Resp: 484355
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 21.5 16.7 25.1

