

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
 Data File : BF130081.D
 Acq On : 01 Sep 2022 16:59
 Operator : CG\JU
 Sample : PB147339TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147339TB

Quant Time: Sep 02 04:01:02 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	245092	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	976100	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	520250	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	931025	20.000	ng	0.00
76) Chrysene-d12	13.845	240	762303	20.000	ng	-0.01
86) Perylene-d12	15.245	264	693372	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	1787331	123.801	ng	0.01
7) Phenol-d6	6.334	99	2229802	123.885	ng	-0.01
23) Nitrobenzene-d5	7.269	82	1325343	87.260	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	657945	138.932	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2452414	78.155	ng	0.00
79) Terphenyl-d14	12.810	244	2892837	65.808	ng	0.00

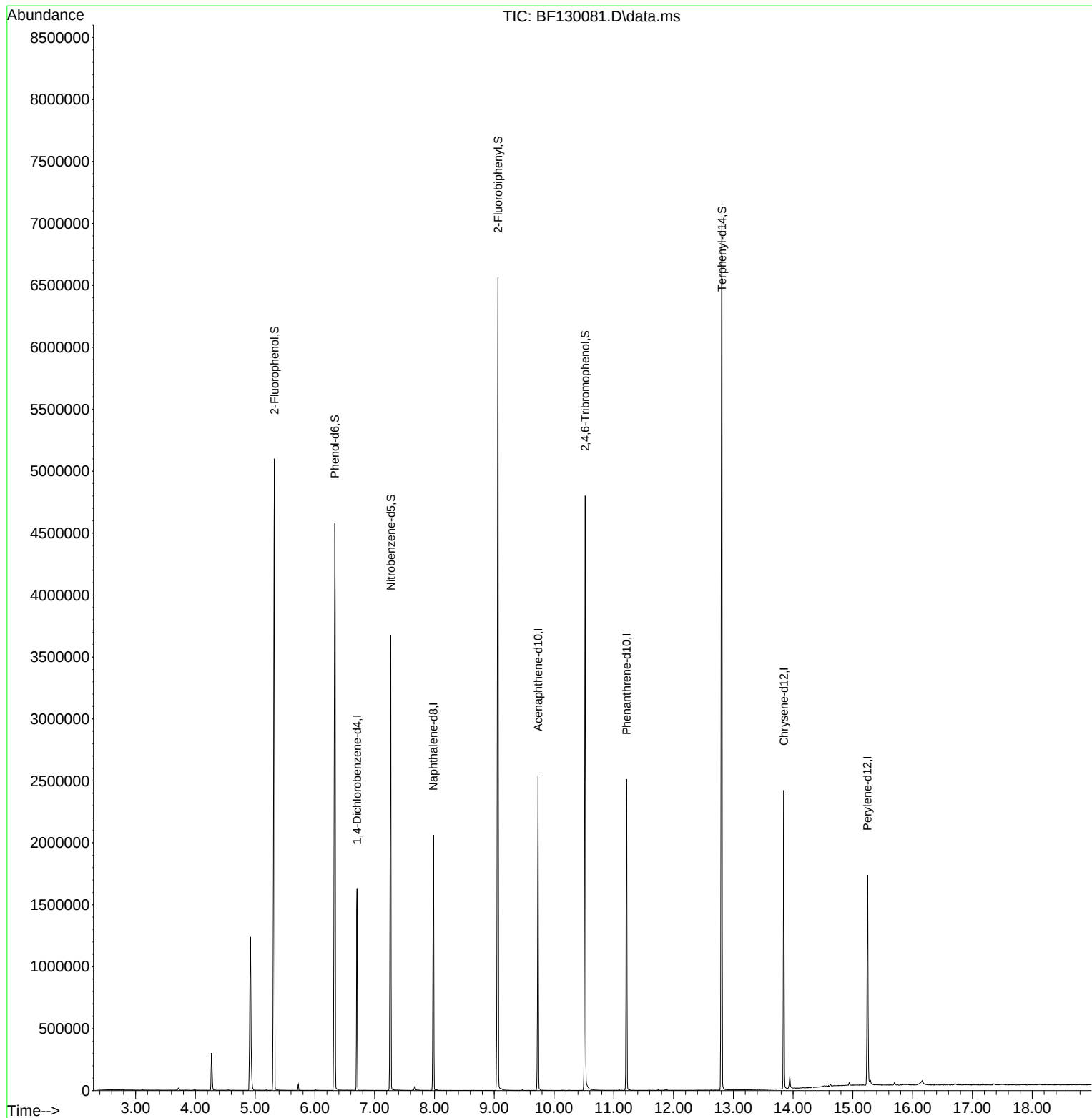
Target Compounds Qvalue

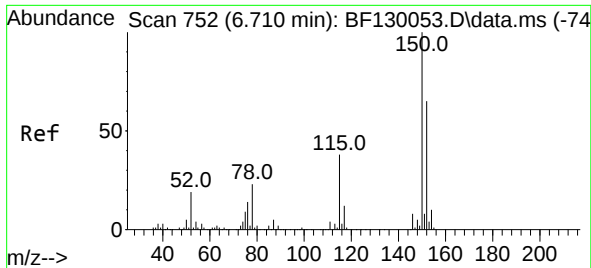
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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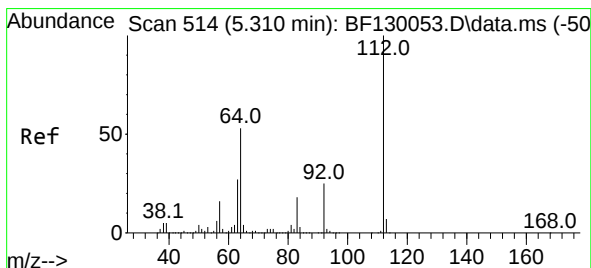
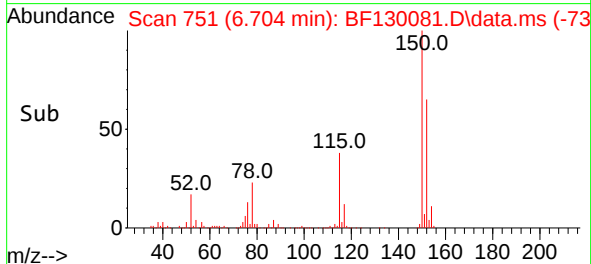
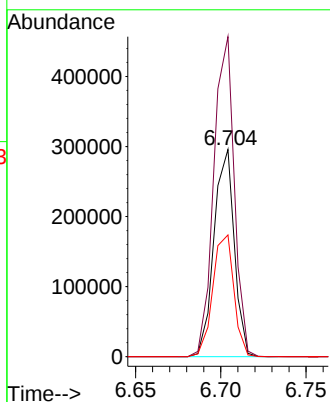
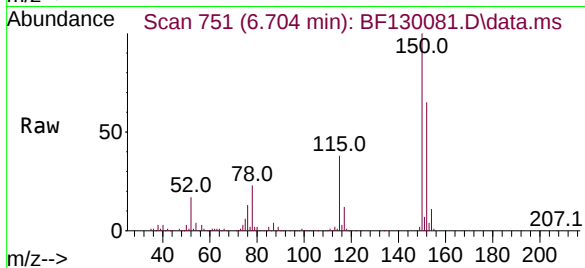




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130081.D
 Acq: 01 Sep 2022 16:59

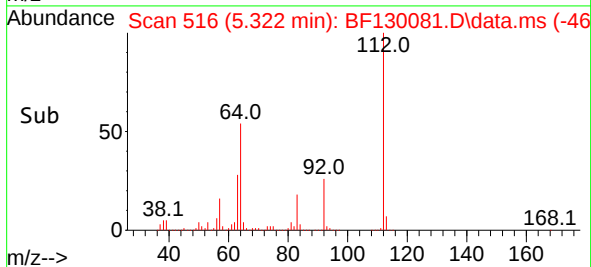
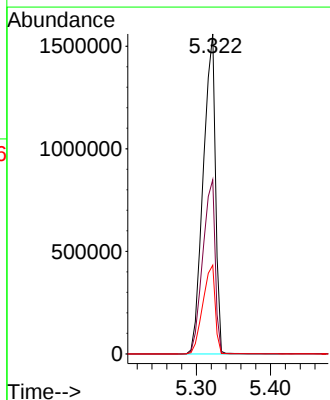
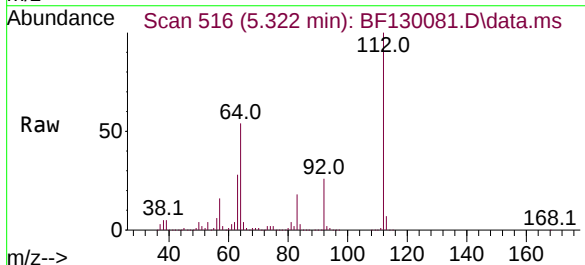
Instrument :
 BNA_F
 ClientSampleId :
 PB147339TB

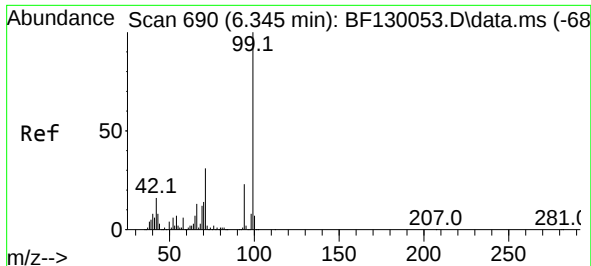
Tgt Ion:152 Resp: 245092
 Ion Ratio Lower Upper
 152 100
 150 154.4 126.9 190.3
 115 58.7 53.4 80.0



#5
 2-Fluorophenol
 Concen: 123.801 ng
 RT: 5.322 min Scan# 516
 Delta R.T. 0.012 min
 Lab File: BF130081.D
 Acq: 01 Sep 2022 16:59

Tgt Ion:112 Resp: 1787331
 Ion Ratio Lower Upper
 112 100
 64 54.4 47.6 71.4
 63 27.7 24.6 37.0



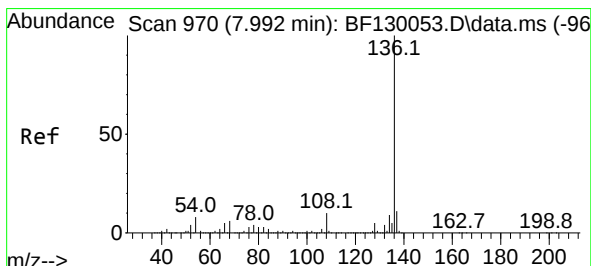
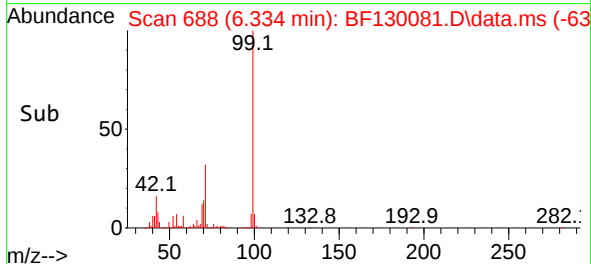
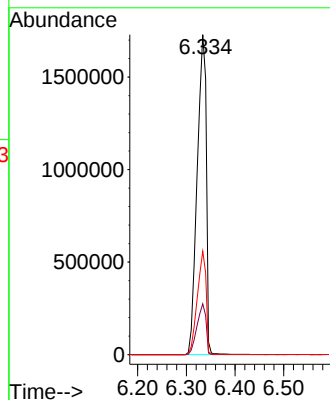
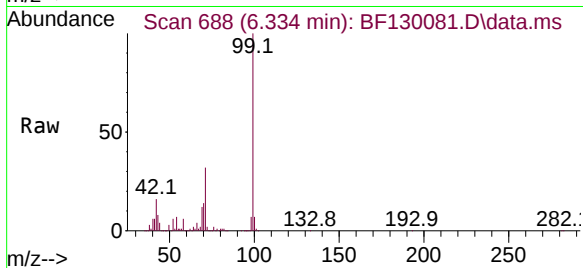


#7
Phenol-d6
Concen: 123.885 ng
RT: 6.334 min Scan# 681
Delta R.T. -0.012 min
Lab File: BF130081.D
Acq: 01 Sep 2022 16:59

Instrument :
BNA_F
ClientSampleId :
PB147339TB

Tgt Ion: 99 Resp: 2229802

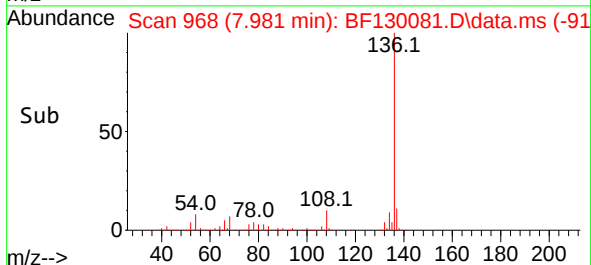
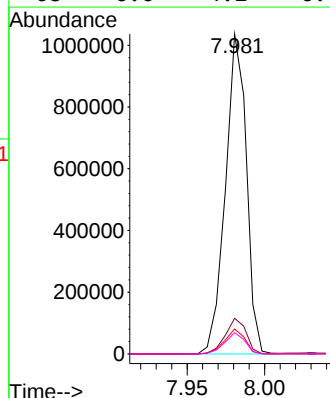
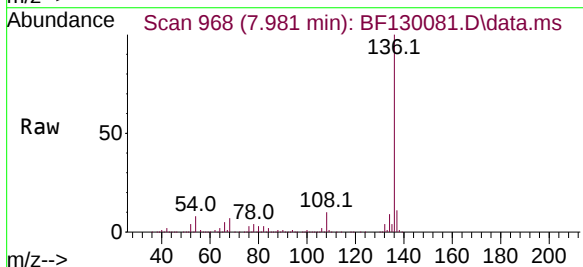
Ion	Ratio	Lower	Upper
99	100		
42	15.9	15.0	22.4
71	32.3	28.8	43.2

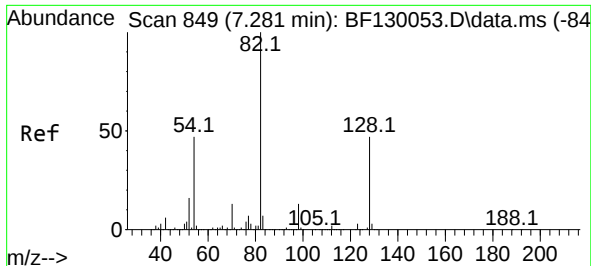


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 968
Delta R.T. -0.011 min
Lab File: BF130081.D
Acq: 01 Sep 2022 16:59

Tgt Ion: 136 Resp: 976100

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	7.8	6.2	9.2
68	6.6	4.2	6.4





#23

Nitrobenzene-d5

Concen: 87.260 ng

RT: 7.269 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF130081.D

Acq: 01 Sep 2022 16:59

Instrument :

BNA_F

ClientSampleId :

PB147339TB

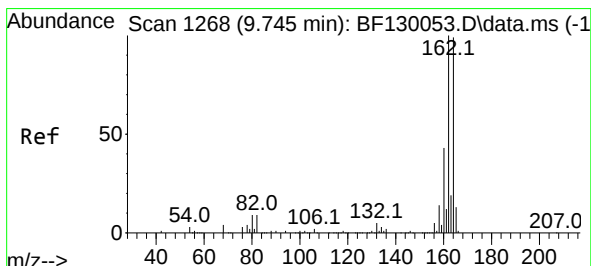
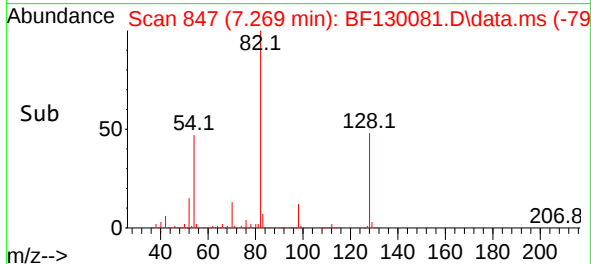
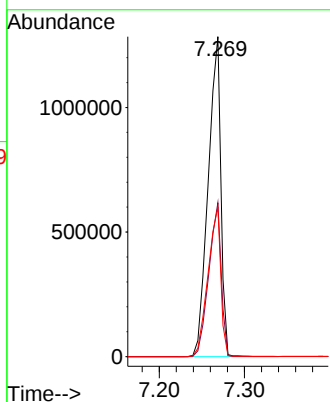
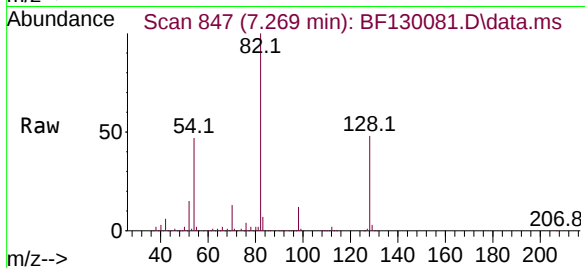
Tgt Ion: 82 Resp: 1325343

Ion Ratio Lower Upper

82 100

128 48.1 36.1 54.1

54 46.7 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: BF130081.D

Acq: 01 Sep 2022 16:59

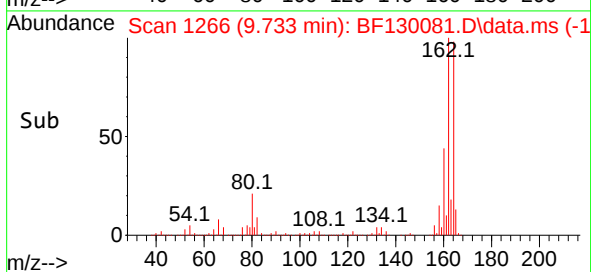
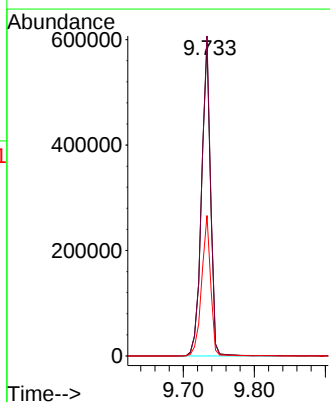
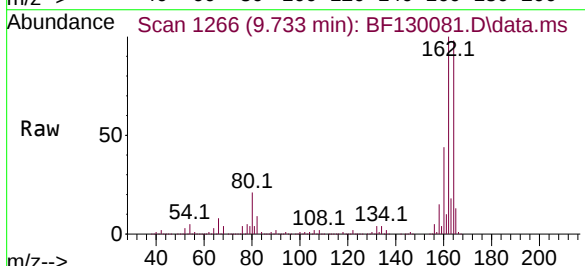
Tgt Ion:164 Resp: 520250

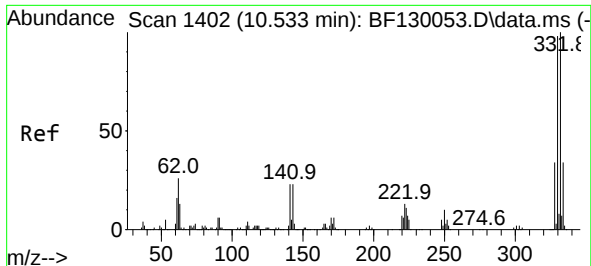
Ion Ratio Lower Upper

164 100

162 102.4 82.0 123.0

160 44.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 138.932 ng

RT: 10.522 min Scan# 1400

Delta R.T. -0.012 min

Lab File: BF130081.D

Acq: 01 Sep 2022 16:59

Instrument :

BNA_F

ClientSampleId :

PB147339TB

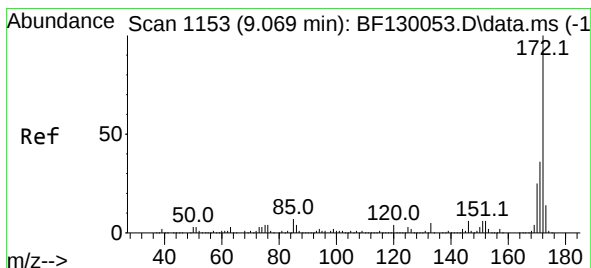
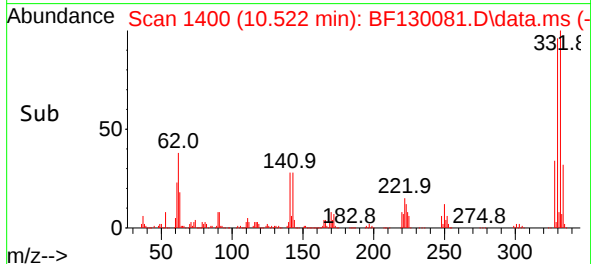
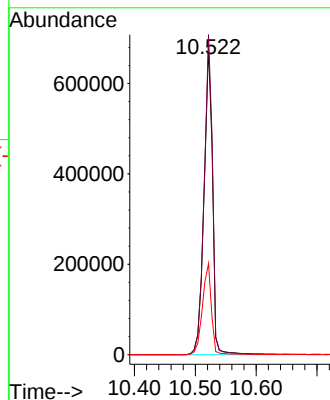
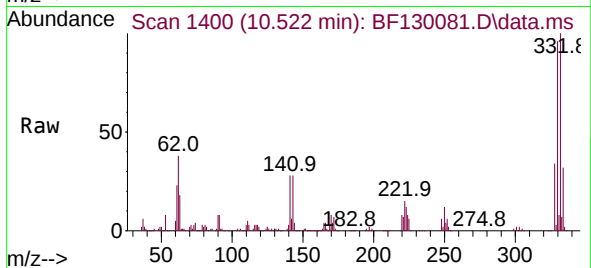
Tgt Ion:330 Resp: 657945

Ion Ratio Lower Upper

330 100

332 103.6 82.6 124.0

141 31.2 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 78.155 ng

RT: 9.063 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF130081.D

Acq: 01 Sep 2022 16:59

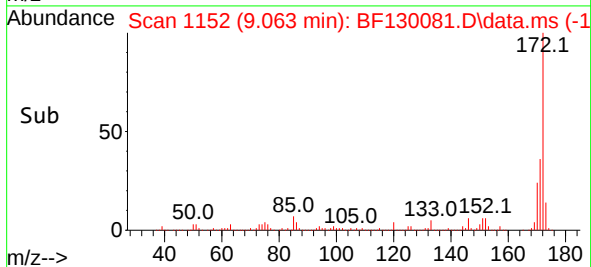
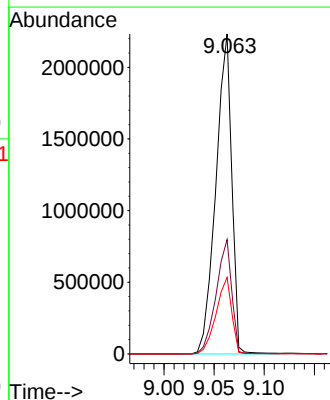
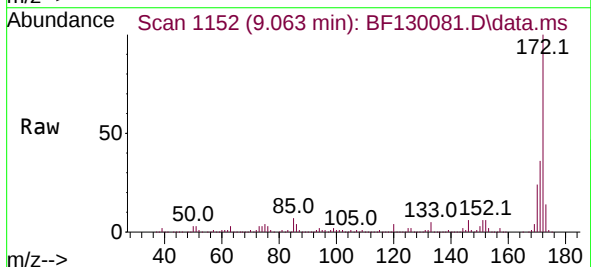
Tgt Ion:172 Resp: 2452414

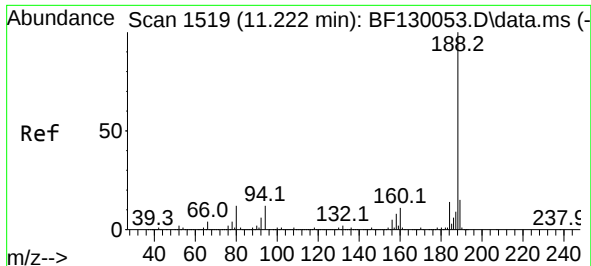
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 24.0 19.1 28.7

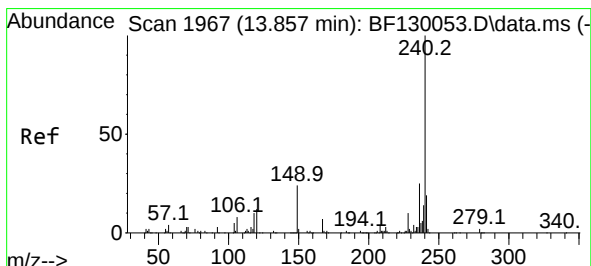
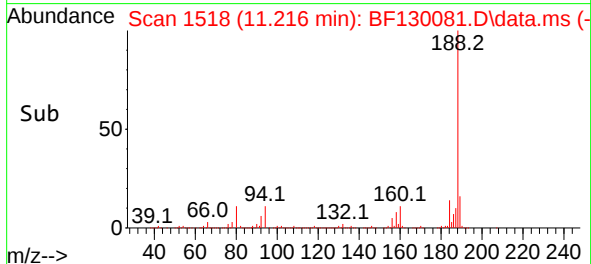
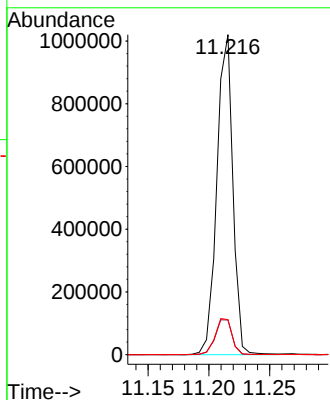
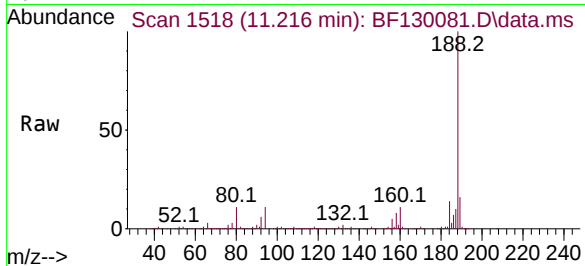




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130081.D
Acq: 01 Sep 2022 16:59

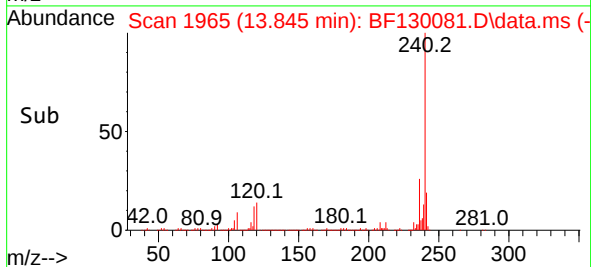
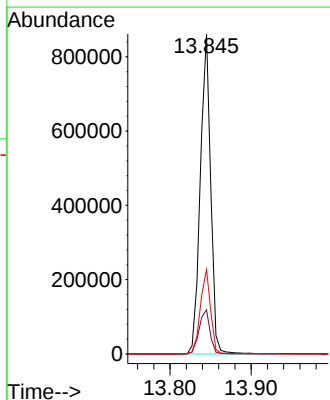
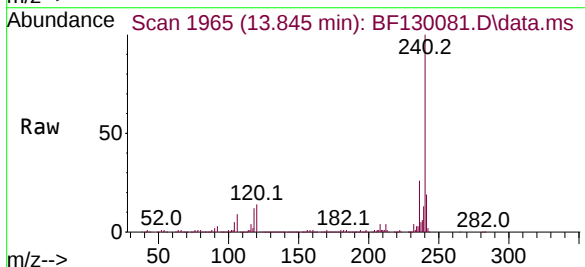
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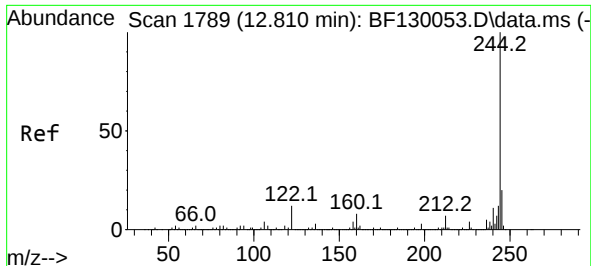
Tgt Ion:188 Resp: 931025
Ion Ratio Lower Upper
188 100
94 10.8 7.4 11.2
80 11.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.845 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BF130081.D
Acq: 01 Sep 2022 16:59

Tgt Ion:240 Resp: 762303
Ion Ratio Lower Upper
240 100
120 13.8 9.2 13.8
236 26.4 20.7 31.1

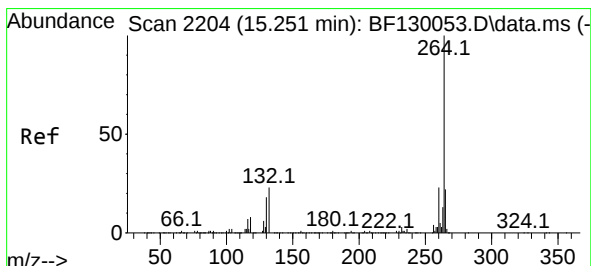
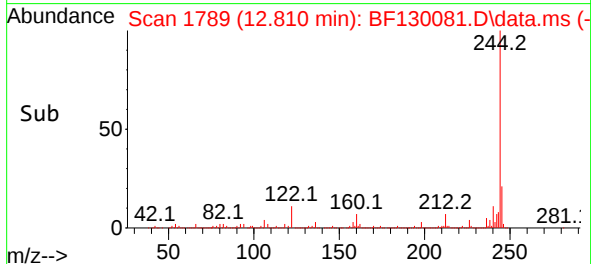
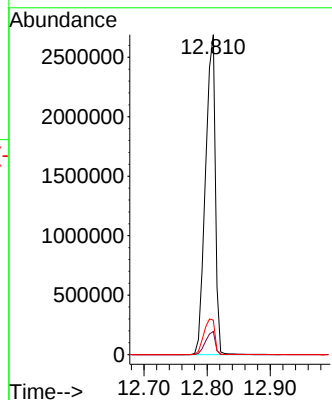
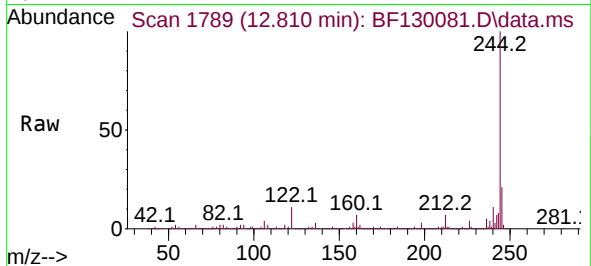




#79
 Terphenyl-d14
 Concen: 65.808 ng
 RT: 12.810 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130081.D
 Acq: 01 Sep 2022 16:59

Instrument :
 BNA_F
 ClientSampleId :
 PB147339TB

Tgt Ion:244 Resp: 2892837
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 10.8 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: BF130081.D
 Acq: 01 Sep 2022 16:59

Tgt Ion:264 Resp: 693372
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 22.3 16.7 25.1

