

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091222\
 Data File : BF130209.D
 Acq On : 12 Sep 2022 17:26
 Operator : CG\JU
 Sample : N4551-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 251032-1

Quant Time: Sep 13 14:25:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.686	152	175044	20.000	ng	-0.01
21) Naphthalene-d8	7.969	136	665356	20.000	ng	-0.01
39) Acenaphthene-d10	9.716	164	310886	20.000	ng	-0.02
64) Phenanthrene-d10	11.198	188	425283	20.000	ng	-0.01
76) Chrysene-d12	13.827	240	305510	20.000	ng	-0.02
86) Perylene-d12	15.233	264	370329	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	364207	35.322	ng	-0.02
7) Phenol-d6	6.310	99	292114	22.724	ng	-0.02
23) Nitrobenzene-d5	7.251	82	535167	51.691	ng	-0.02
42) 2,4,6-Tribromophenol	10.504	330	168067	59.389	ng	-0.02
45) 2-Fluorobiphenyl	9.045	172	885154	47.205	ng	-0.01
79) Terphenyl-d14	12.786	244	645760	36.654	ng	-0.01

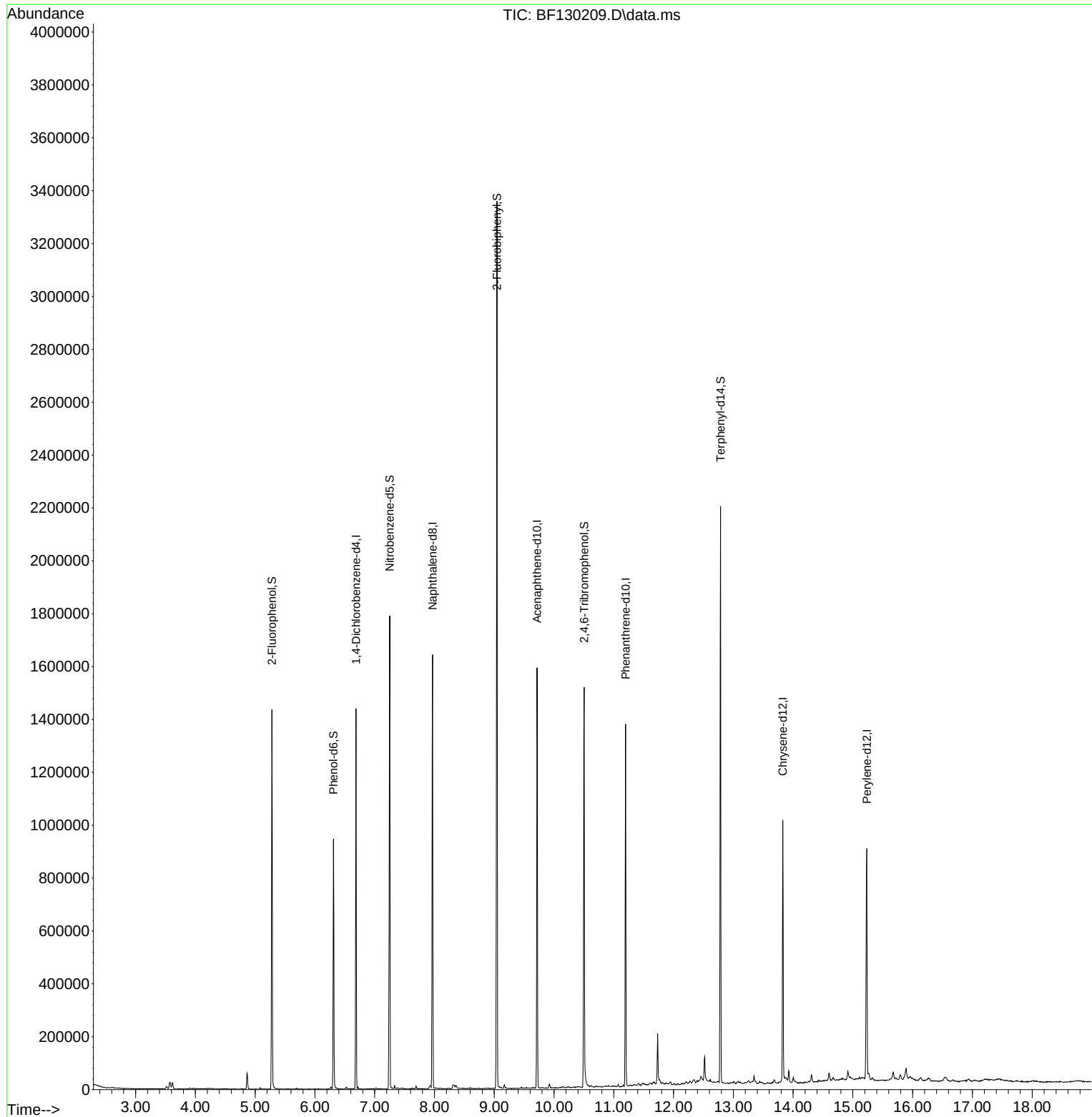
Target Compounds	Qvalue

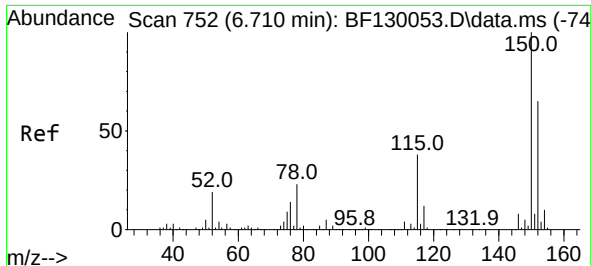
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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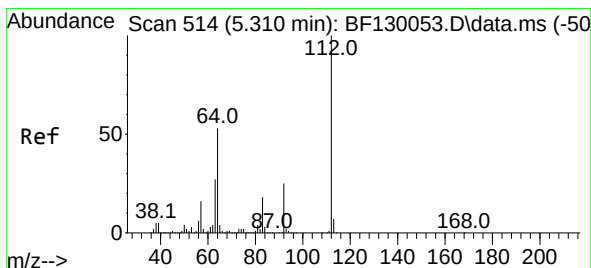
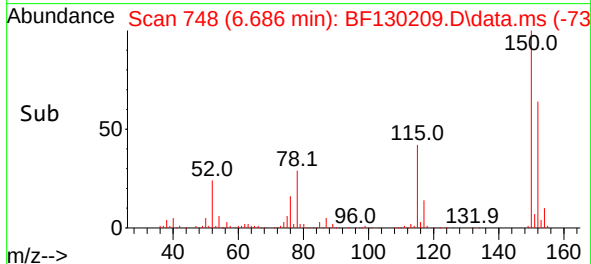
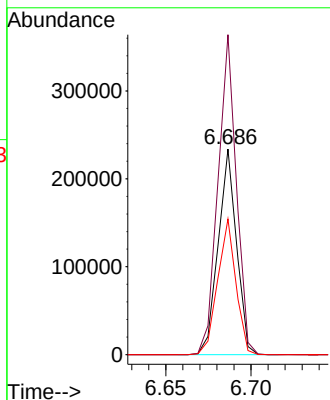
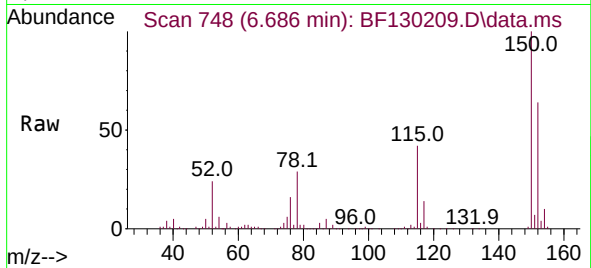




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.686 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF130209.D
Acq: 12 Sep 2022 17:26

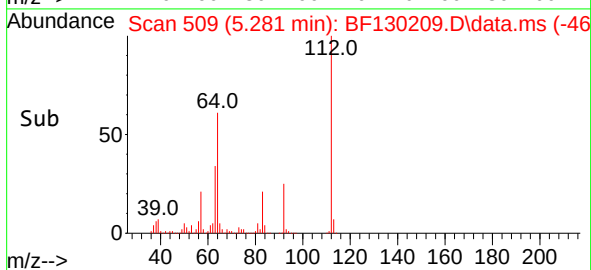
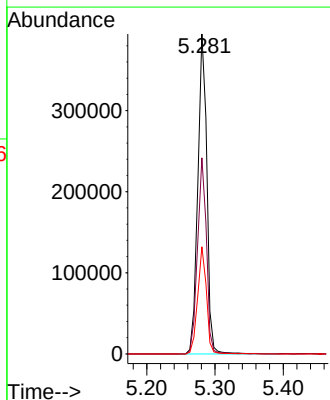
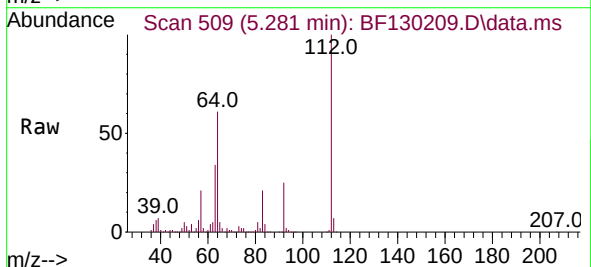
Instrument :
BNA_F
ClientSampleId :
251032-1

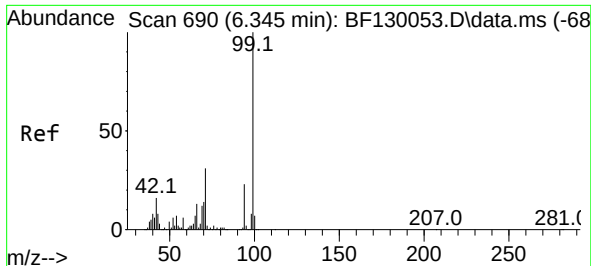
Tgt Ion:152 Resp: 175044
Ion Ratio Lower Upper
152 100
150 155.6 126.9 190.3
115 65.9 53.4 80.0



#5
2-Fluorophenol
Concen: 35.322 ng
RT: 5.281 min Scan# 509
Delta R.T. -0.018 min
Lab File: BF130209.D
Acq: 12 Sep 2022 17:26

Tgt Ion:112 Resp: 364207
Ion Ratio Lower Upper
112 100
64 61.3 47.6 71.4
63 33.5 24.6 37.0

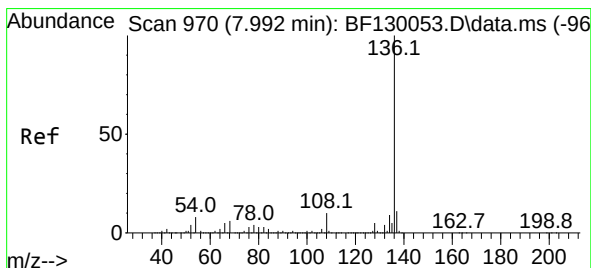
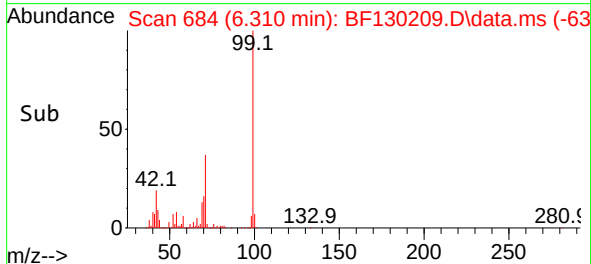
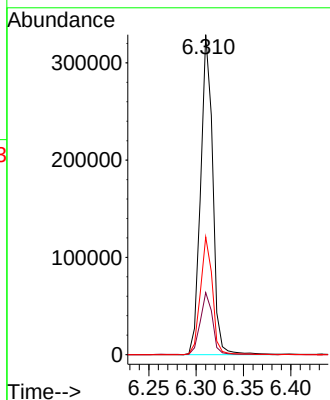
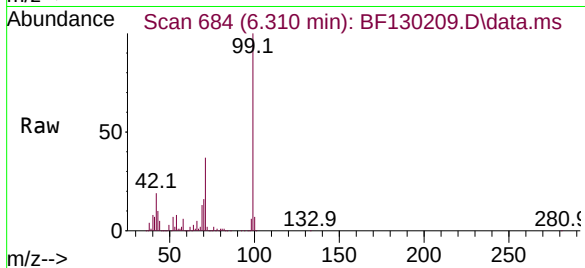




#7
Phenol-d6
Concen: 22.724 ng
RT: 6.310 min Scan# 684
Delta R.T. -0.024 min
Lab File: BF130209.D
Acq: 12 Sep 2022 17:26

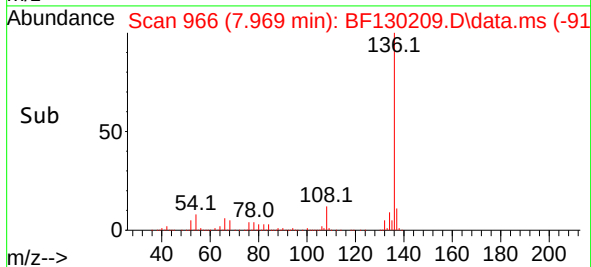
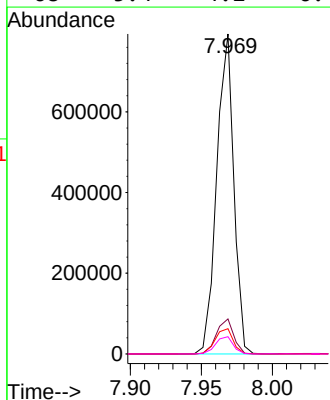
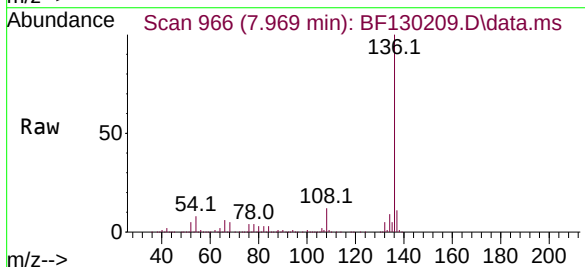
Instrument :
BNA_F
ClientSampleId :
251032-1

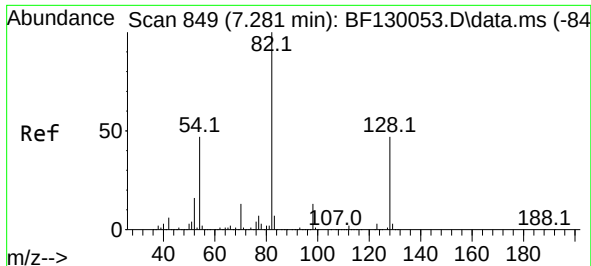
Tgt Ion: 99 Resp: 292114
Ion Ratio Lower Upper
99 100
42 19.4 15.0 22.4
71 36.8 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.969 min Scan# 966
Delta R.T. -0.012 min
Lab File: BF130209.D
Acq: 12 Sep 2022 17:26

Tgt Ion: 136 Resp: 665356
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.9 6.2 9.2
68 5.4 4.2 6.4





#23

Nitrobenzene-d5

Concen: 51.691 ng

RT: 7.251 min Scan# 84

Delta R.T. -0.018 min

Lab File: BF130209.D

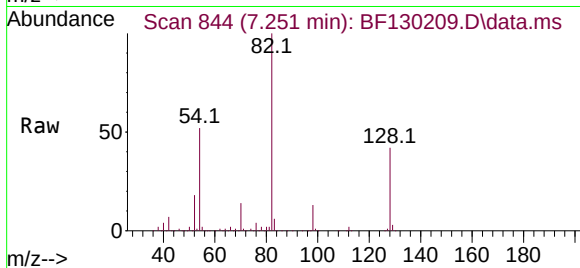
Acq: 12 Sep 2022 17:26

Instrument :

BNA_F

ClientSampleId :

251032-1



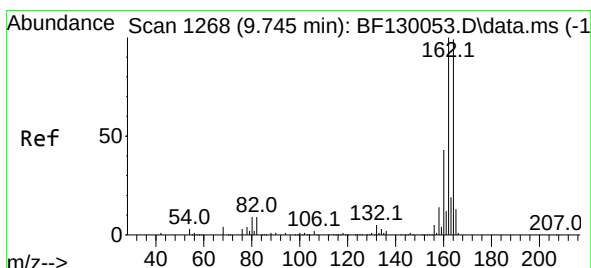
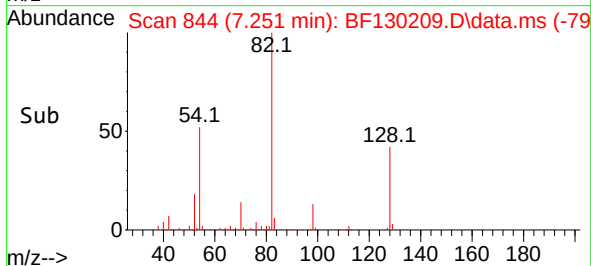
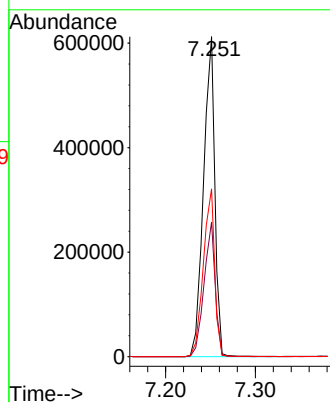
Tgt Ion: 82 Resp: 535167

Ion Ratio Lower Upper

82 100

128 42.1 36.1 54.1

54 52.4 40.0 60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.716 min Scan# 1263

Delta R.T. -0.018 min

Lab File: BF130209.D

Acq: 12 Sep 2022 17:26

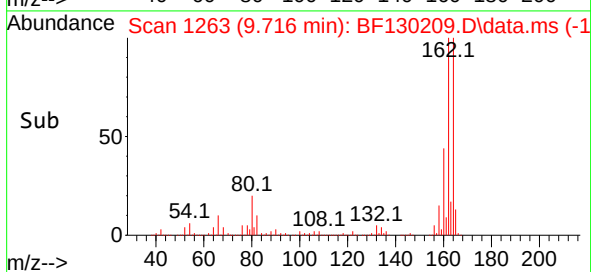
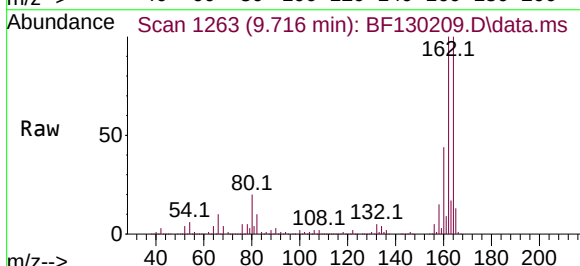
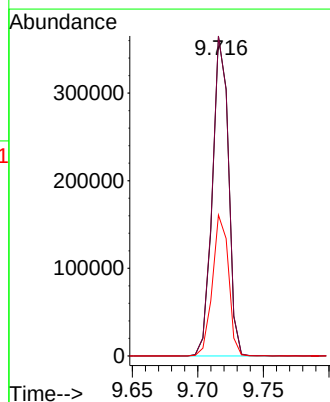
Tgt Ion: 164 Resp: 310886

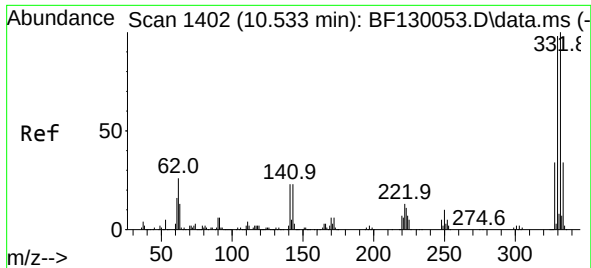
Ion Ratio Lower Upper

164 100

162 100.1 82.0 123.0

160 44.1 35.4 53.0

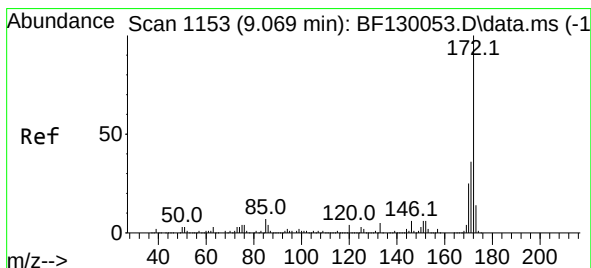
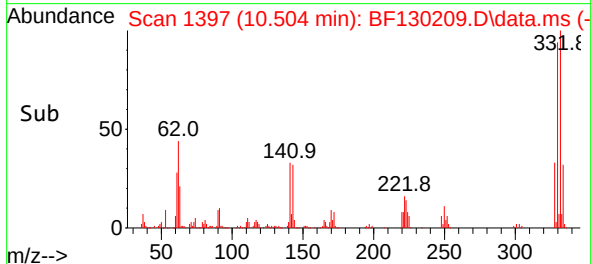
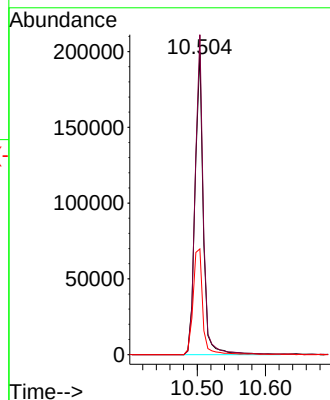
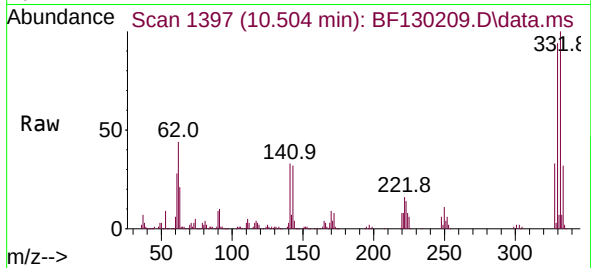




#42
2,4,6-Tribromophenol
Concen: 59.389 ng
RT: 10.504 min Scan# 1139
Delta R.T. -0.018 min
Lab File: BF130209.D
Acq: 12 Sep 2022 17:26

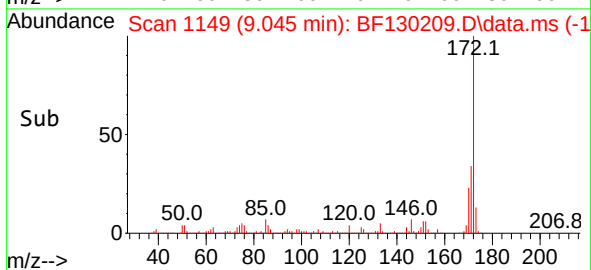
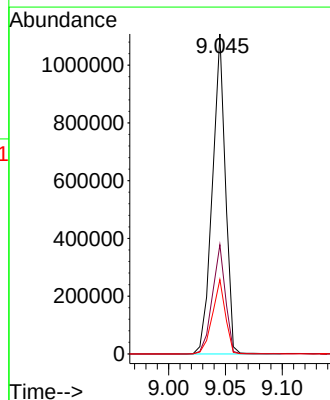
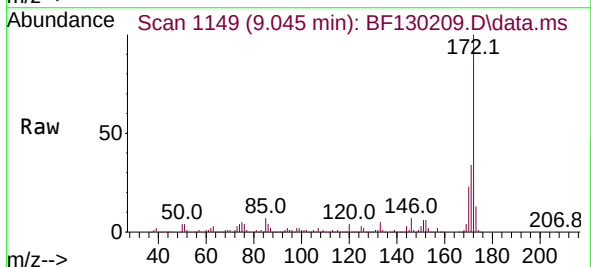
Instrument :
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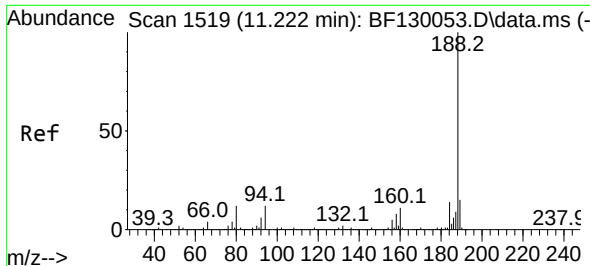
Tgt Ion: 330 Resp: 168067
Ion Ratio Lower Upper
330 100
332 104.6 82.6 124.0
141 41.1 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 47.205 ng
RT: 9.045 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BF130209.D
Acq: 12 Sep 2022 17:26

Tgt Ion: 172 Resp: 885154
Ion Ratio Lower Upper
172 100
171 34.1 28.4 42.6
170 23.2 19.1 28.7

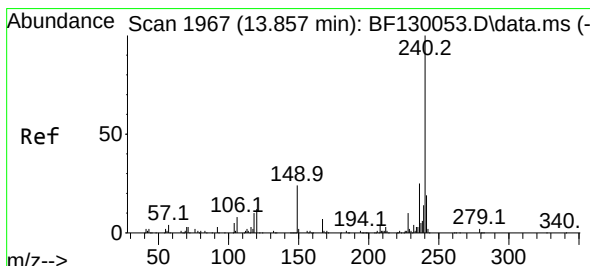
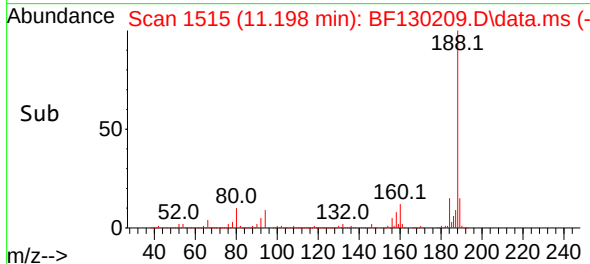
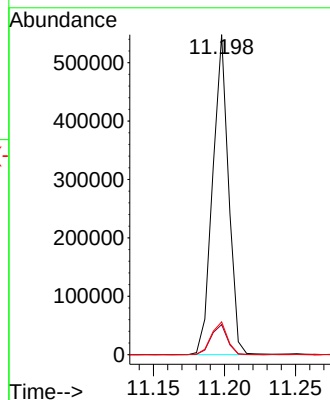
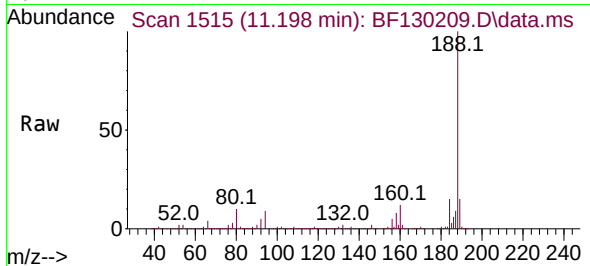




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.198 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130209.D
Acq: 12 Sep 2022 17:26

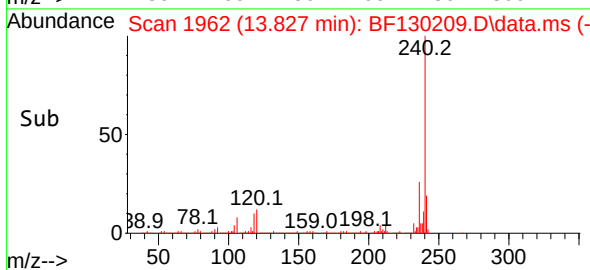
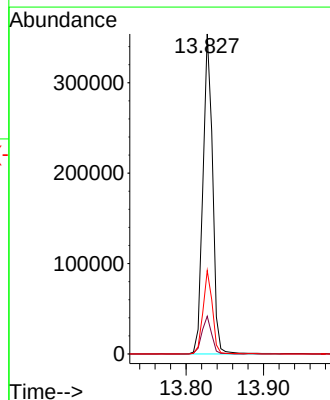
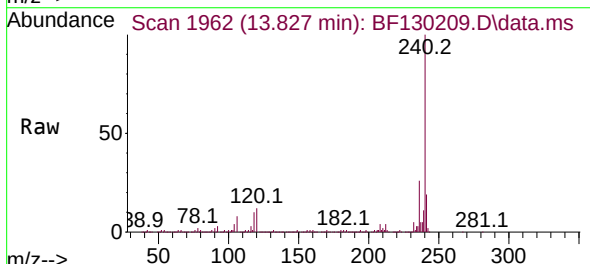
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251032-1

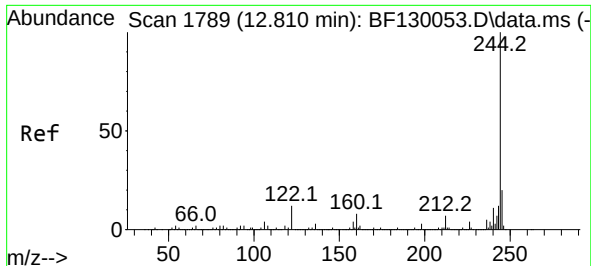
Tgt Ion:188 Resp: 425283
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.827 min Scan# 1962
Delta R.T. -0.018 min
Lab File: BF130209.D
Acq: 12 Sep 2022 17:26

Tgt Ion:240 Resp: 305510
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 26.0 20.7 31.1

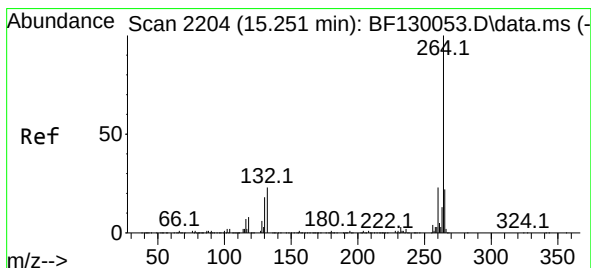
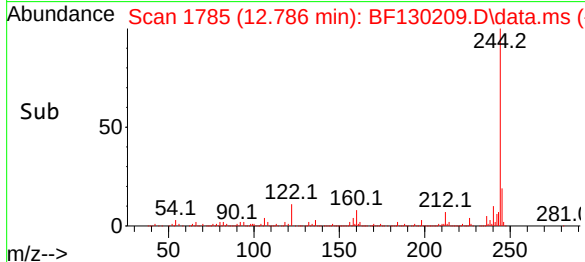
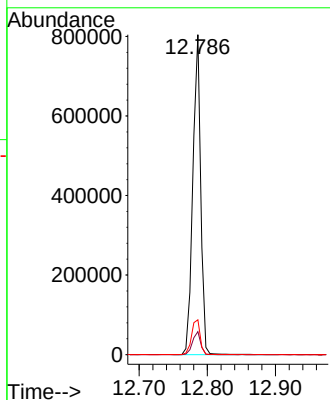
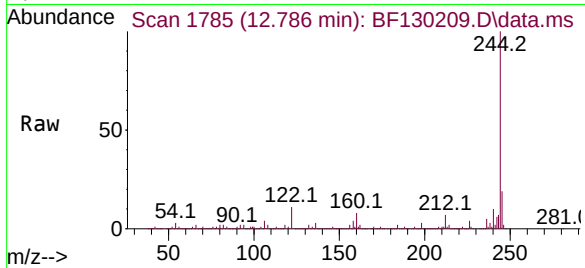




#79
 Terphenyl-d14
 Concen: 36.654 ng
 RT: 12.786 min Scan# 1785
 Delta R.T. -0.012 min
 Lab File: BF130209.D
 Acq: 12 Sep 2022 17:26

Instrument :
 BNA_F
 ClientSampleId :
 251032-1

Tgt Ion:244 Resp: 645760
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 10.9 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.233 min Scan# 2201
 Delta R.T. -0.006 min
 Lab File: BF130209.D
 Acq: 12 Sep 2022 17:26

Tgt Ion:264 Resp: 370329
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 22.3 16.7 25.1

