

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
 Data File : BF129947.D
 Acq On : 23 Aug 2022 10:45
 Operator : CG\JU
 Sample : PB147059BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147059BL

Quant Time: Aug 23 13:22:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	128871	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	555839	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	313132	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	558675	20.000	ng	0.00
76) Chrysene-d12	13.945	240	451215	20.000	ng	0.00
86) Perylene-d12	15.404	264	367724	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	803475	103.228	ng	0.01
7) Phenol-d6	6.434	99	989589	101.527	ng	0.00
23) Nitrobenzene-d5	7.345	82	965686	93.003	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	296521	94.351	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1802903	87.447	ng	0.00
79) Terphenyl-d14	12.892	244	2239228	82.576	ng	0.00

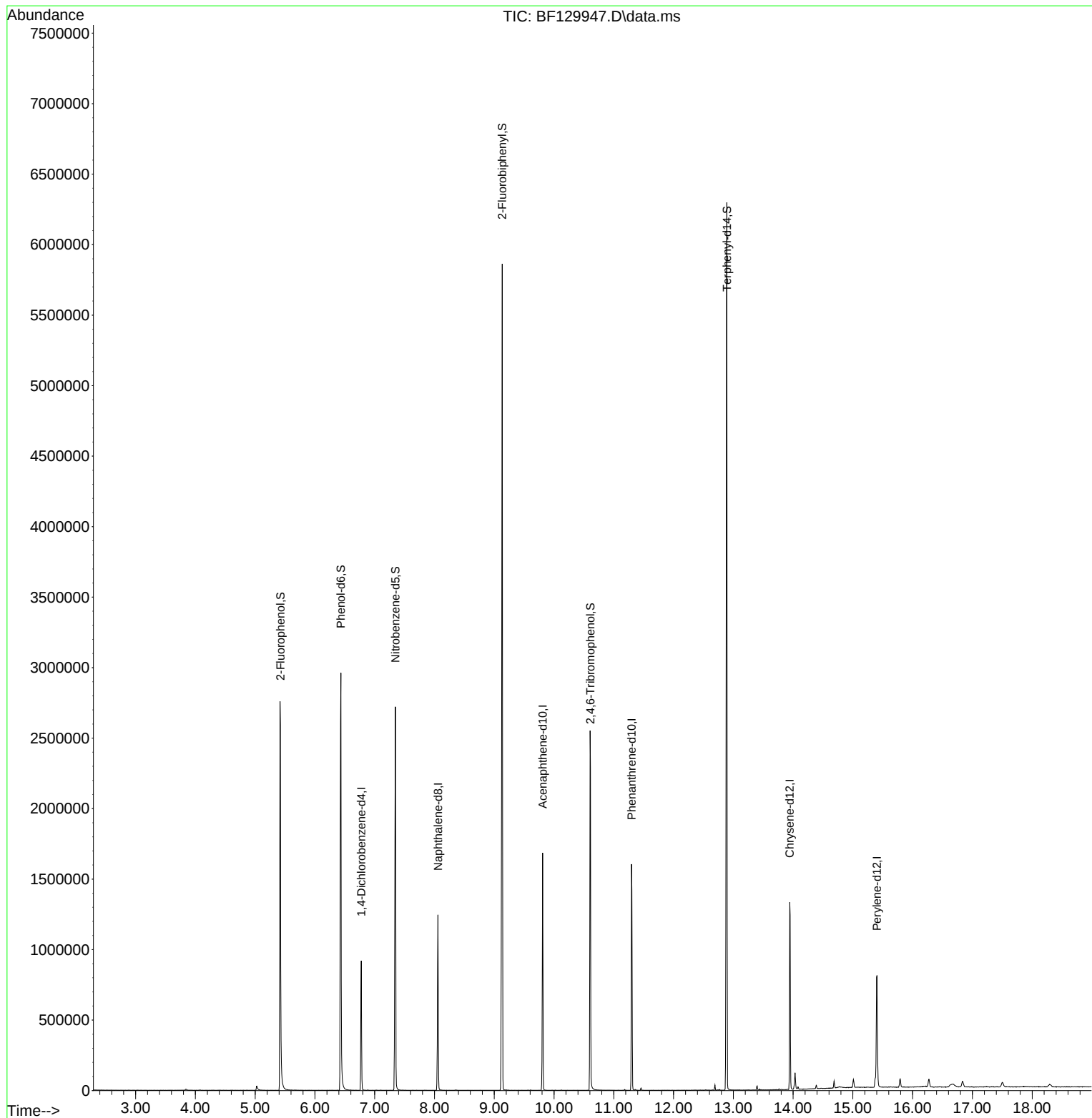
Target Compounds	Qvalue

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

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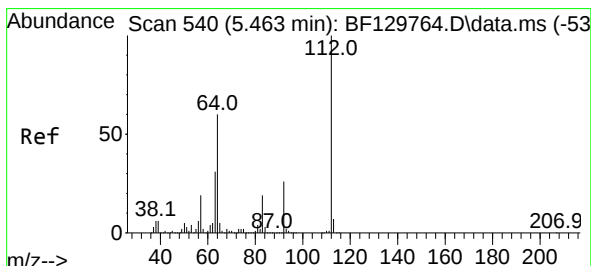
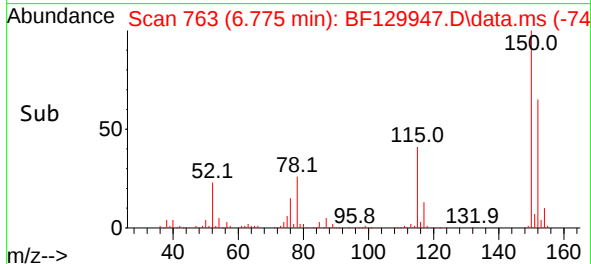
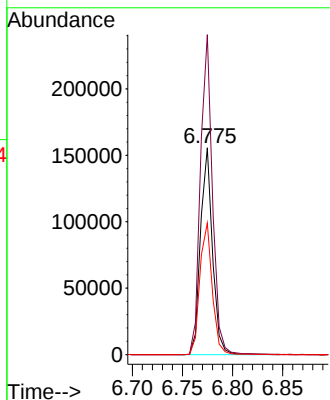
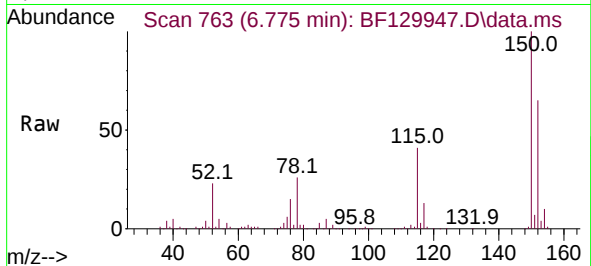




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129947.D
Acq: 23 Aug 2022 10:45

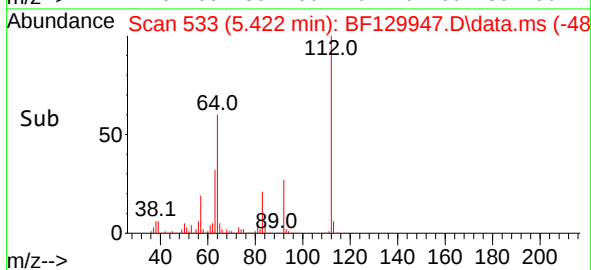
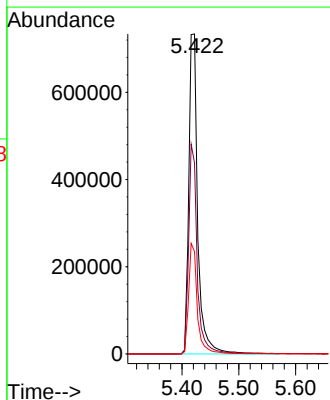
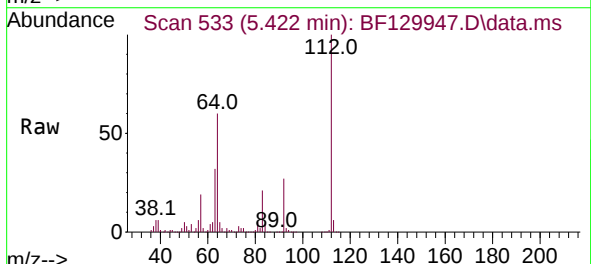
Instrument :
BNA_F
ClientSampleId :
PB147059BL

Tgt Ion:152 Resp: 128871
Ion Ratio Lower Upper
152 100
150 154.8 126.9 190.3
115 63.7 53.4 80.0



#5
2-Fluorophenol
Concen: 103.228 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.012 min
Lab File: BF129947.D
Acq: 23 Aug 2022 10:45

Tgt Ion:112 Resp: 803475
Ion Ratio Lower Upper
112 100
64 59.7 47.6 71.4
63 32.0 24.6 37.0

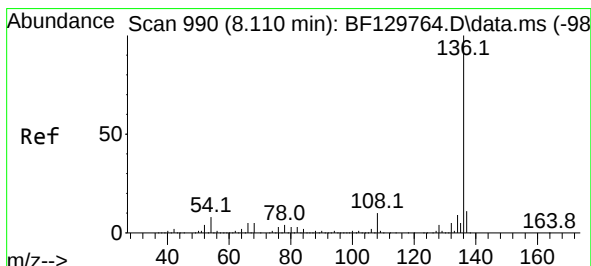
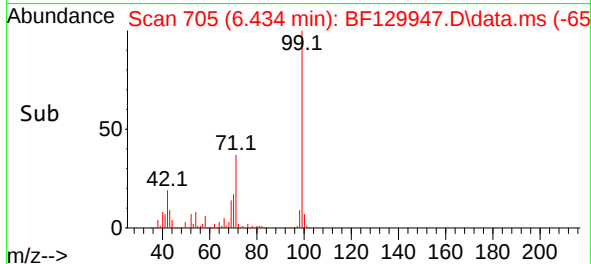
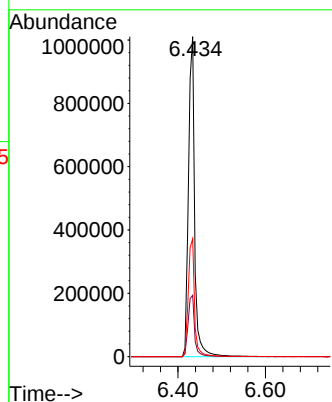
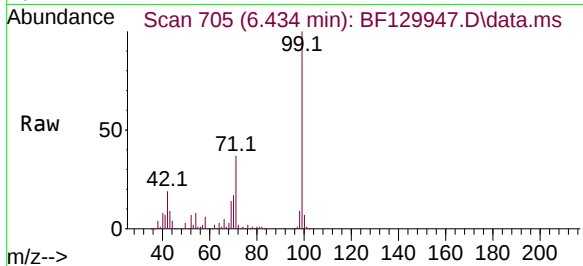




#7
Phenol-d6
Concen: 101.527 ng
RT: 6.434 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129947.D
Acq: 23 Aug 2022 10:45

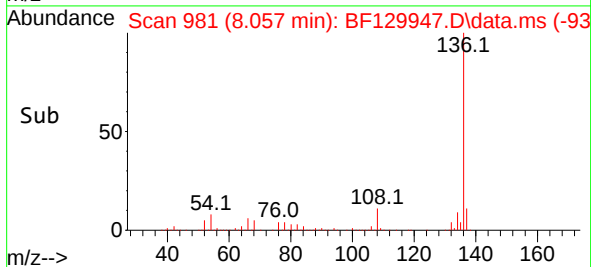
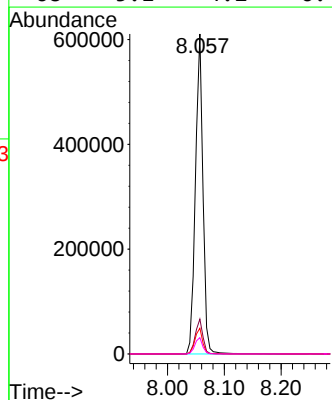
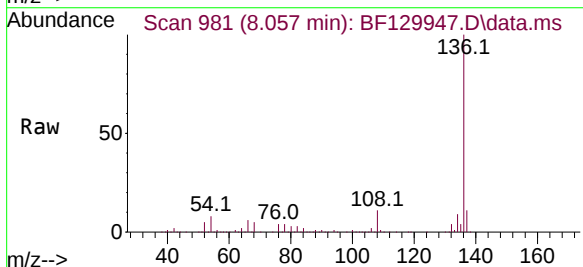
Instrument :
BNA_F
ClientSampleId :
PB147059BL

Tgt Ion: 99 Resp: 989589
Ion Ratio Lower Upper
99 100
42 19.2 15.0 22.4
71 36.8 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF129947.D
Acq: 23 Aug 2022 10:45

Tgt Ion:136 Resp: 555839
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.0 6.2 9.2
68 5.1 4.2 6.4





#23

Nitrobenzene-d5

Concen: 93.003 ng

RT: 7.345 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF129947.D

Acq: 23 Aug 2022 10:45

Instrument :

BNA_F

ClientSampleId :

PB147059BL

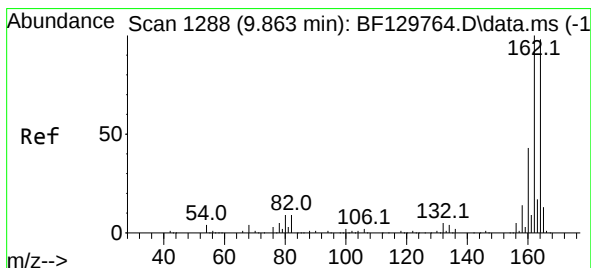
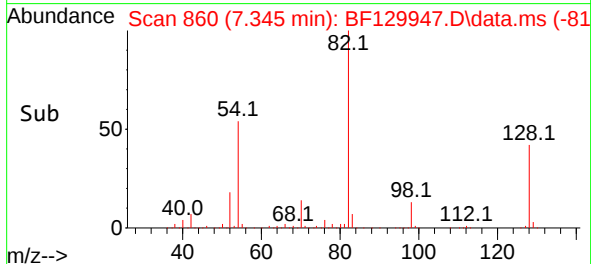
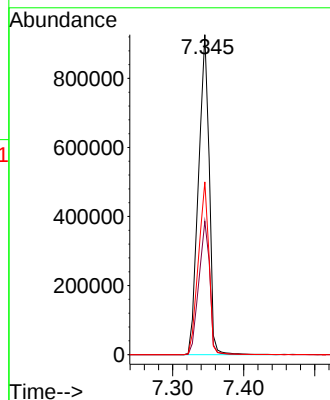
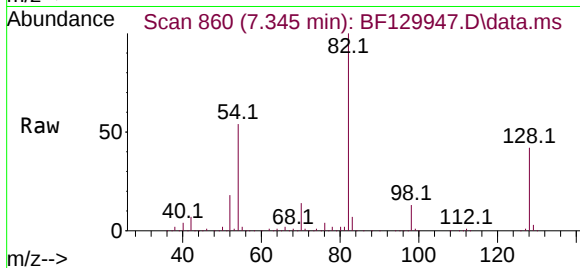
Tgt Ion: 82 Resp: 965686

Ion Ratio Lower Upper

82 100

128 41.7 36.1 54.1

54 54.0 40.0 60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1279

Delta R.T. -0.006 min

Lab File: BF129947.D

Acq: 23 Aug 2022 10:45

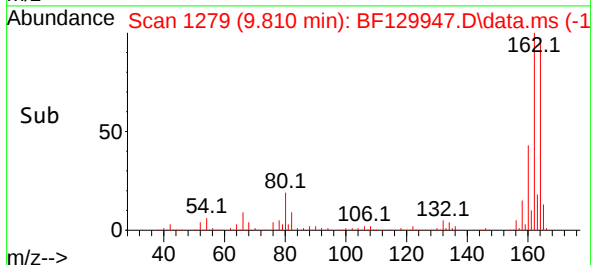
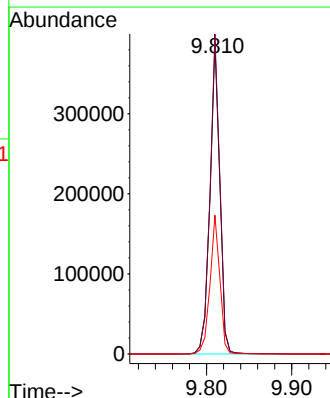
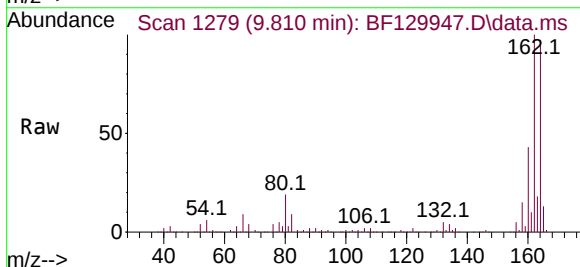
Tgt Ion:164 Resp: 313132

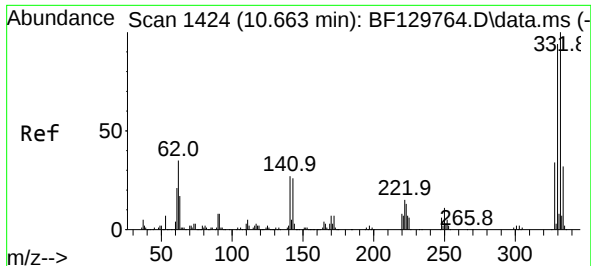
Ion Ratio Lower Upper

164 100

162 102.8 82.0 123.0

160 44.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 94.351 ng

RT: 10.610 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF129947.D

Acq: 23 Aug 2022 10:45

Instrument :

BNA_F

ClientSampleId :

PB147059BL

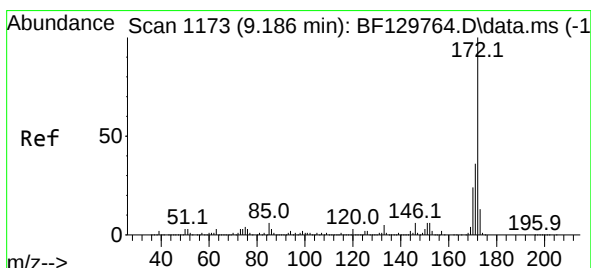
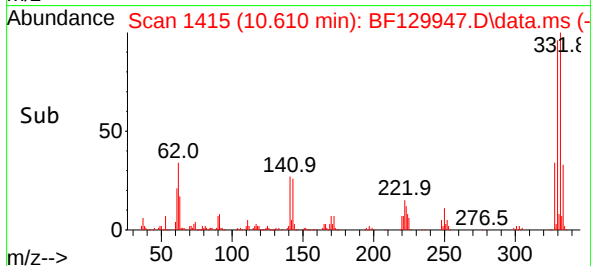
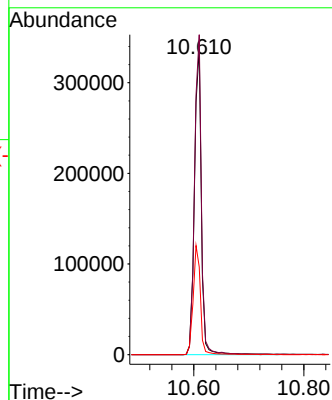
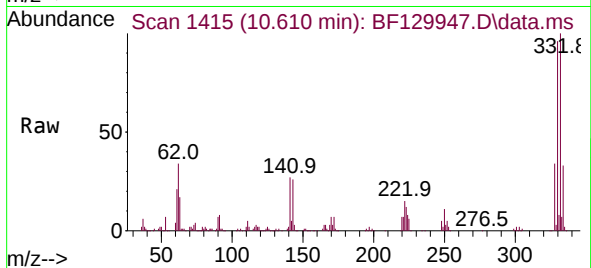
Tgt Ion:330 Resp: 296521

Ion Ratio Lower Upper

330 100

332 104.0 82.6 124.0

141 37.0 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 87.447 ng

RT: 9.133 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF129947.D

Acq: 23 Aug 2022 10:45

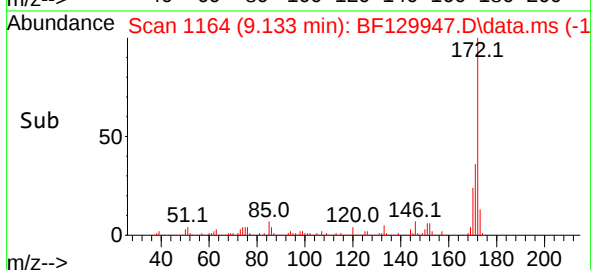
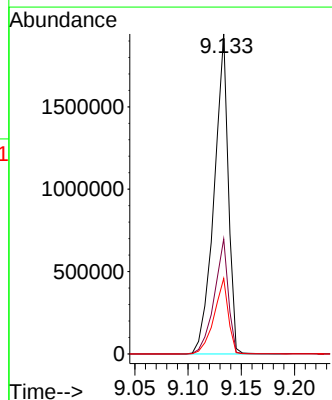
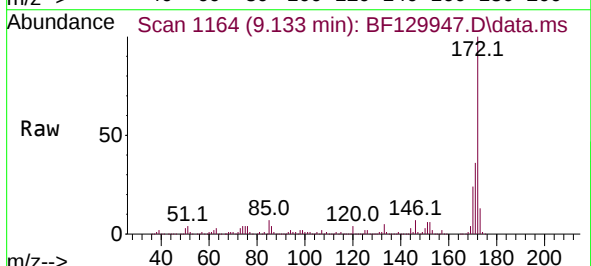
Tgt Ion:172 Resp: 1802903

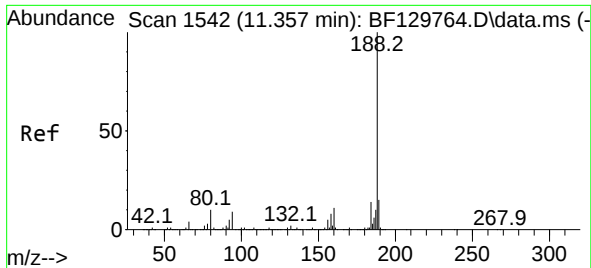
Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 23.6 19.1 28.7

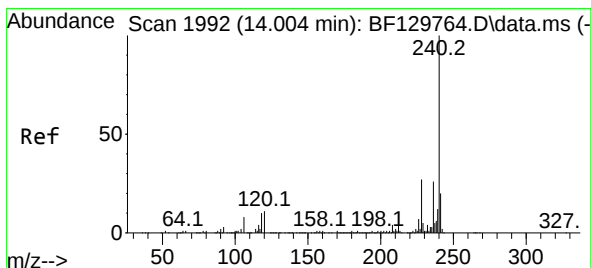
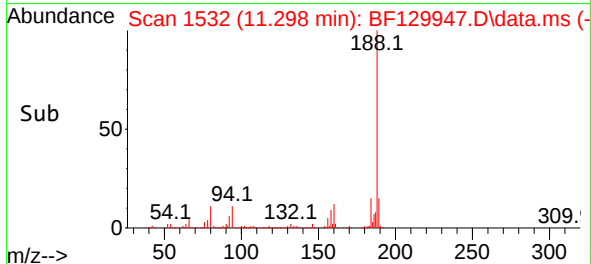
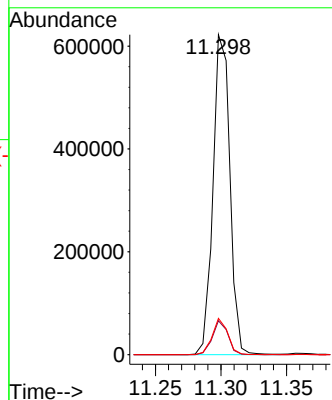
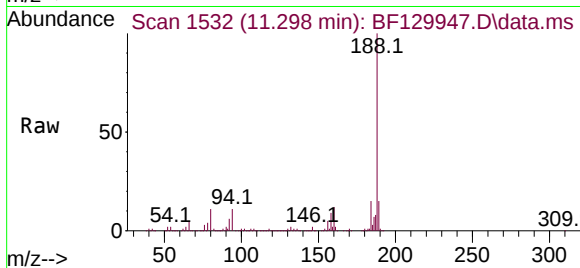




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129947.D
Acq: 23 Aug 2022 10:45

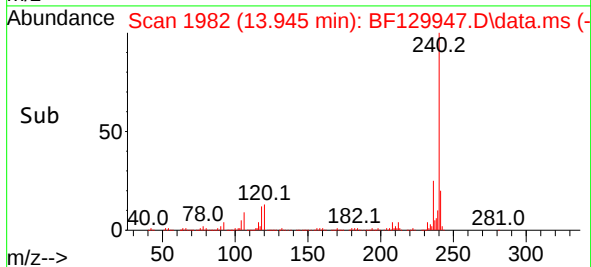
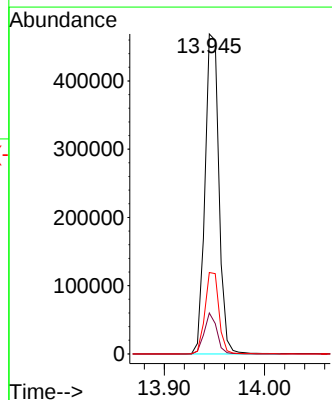
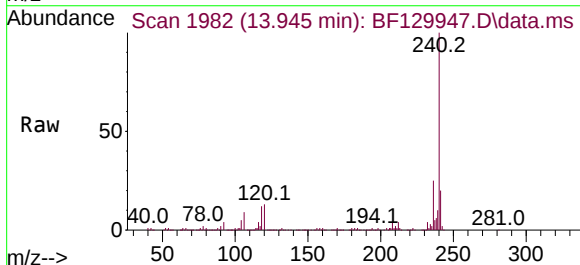
Instrument :
BNA_F
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PB147059BL

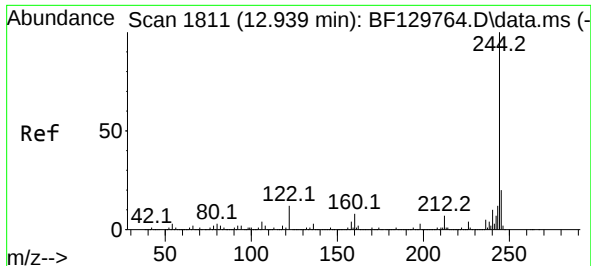
Tgt Ion:188 Resp: 558675
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.2
80 11.3 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF129947.D
Acq: 23 Aug 2022 10:45

Tgt Ion:240 Resp: 451215
Ion Ratio Lower Upper
240 100
120 12.8 9.2 13.8
236 25.4 20.7 31.1

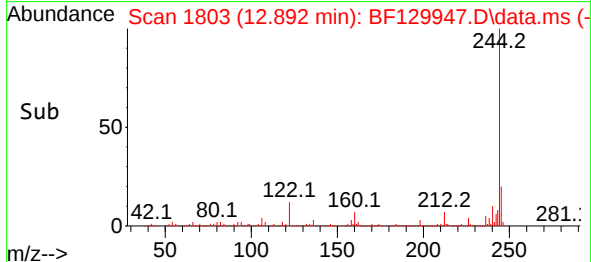
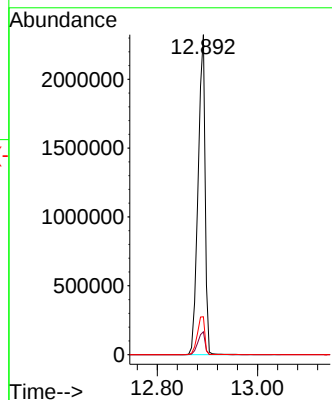
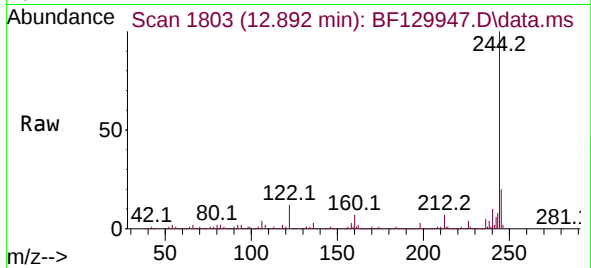




#79
 Terphenyl-d14
 Concen: 82.576 ng
 RT: 12.892 min Scan# 1811
 Delta R.T. 0.006 min
 Lab File: BF129947.D
 Acq: 23 Aug 2022 10:45

Instrument :
 BNA_F
 ClientSampleId :
 PB147059BL

Tgt Ion:244 Resp: 2239228
 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: 15.404 min Scan# 2230
 Delta R.T. 0.006 min
 Lab File: BF129947.D
 Acq: 23 Aug 2022 10:45

Tgt Ion:264 Resp: 367724
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 21.1 16.7 25.1

