

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082222\
 Data File : BF129937.D
 Acq On : 22 Aug 2022 12:52
 Operator : CG\JU
 Sample : PB146994BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146994BL

Quant Time: Aug 23 04:45:06 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	133722	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	552223	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	305782	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	558219	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	462818	20.000	ng	0.00
86) Perylene-d12	15.404	264	408893	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1105515	136.881	ng	0.01
7) Phenol-d6	6.434	99	1403733	138.791	ng	0.00
23) Nitrobenzene-d5	7.345	82	916856	88.879	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	428718	139.694	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1699019	84.389	ng	0.00
79) Terphenyl-d14	12.892	244	2087750	75.059	ng	0.00

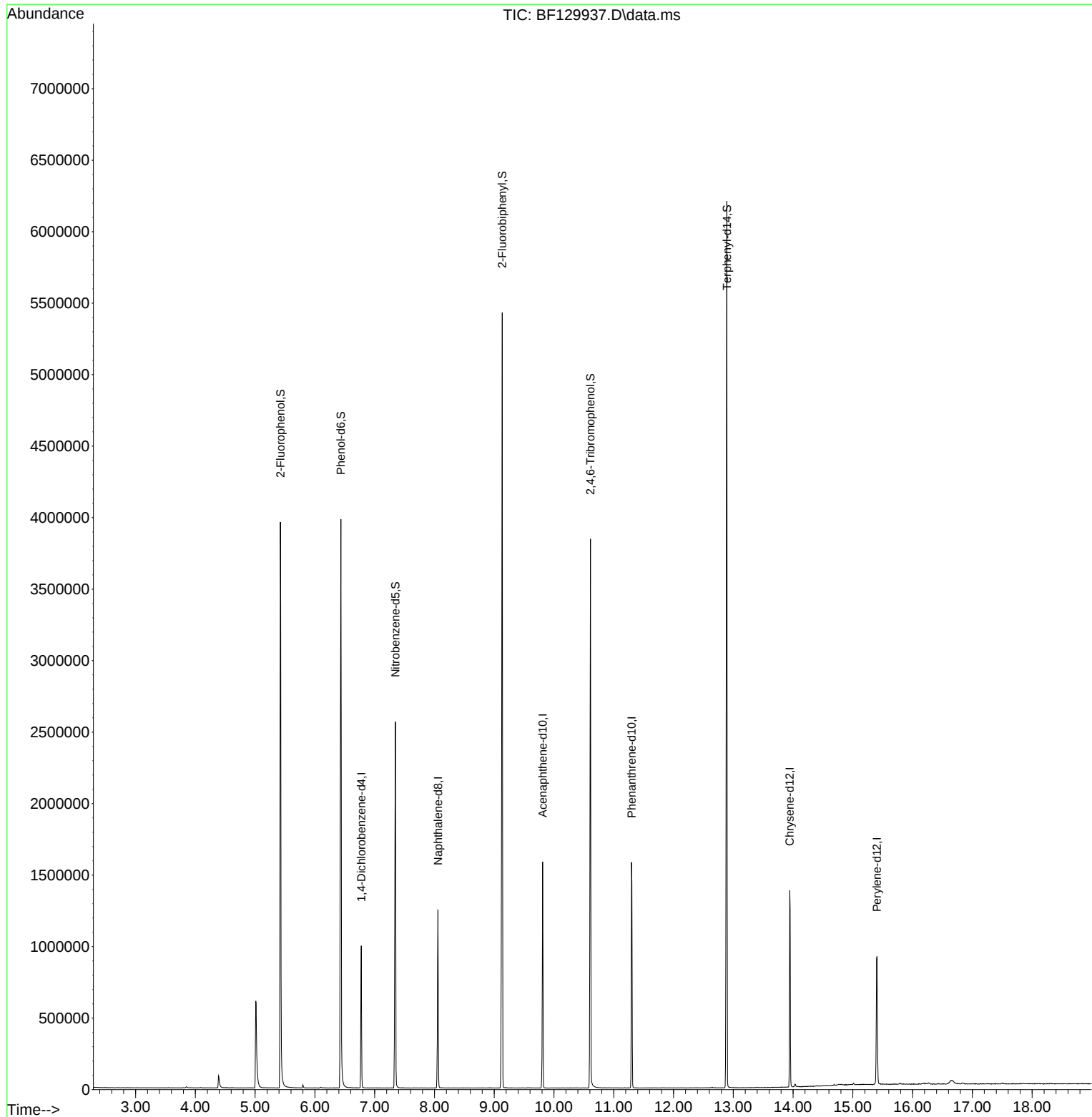
Target Compounds	Qvalue

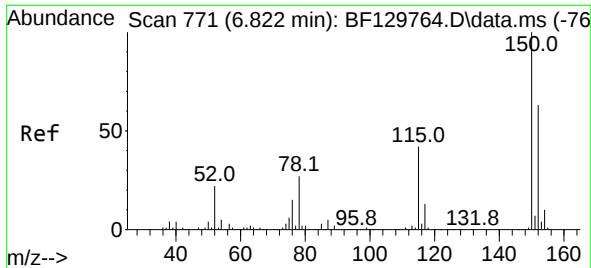
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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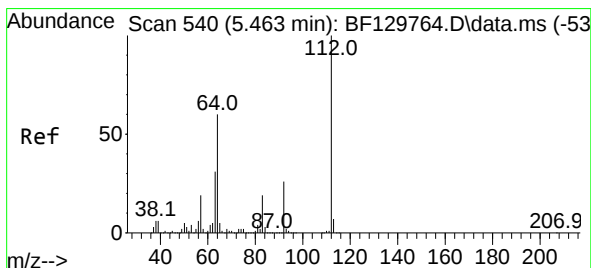
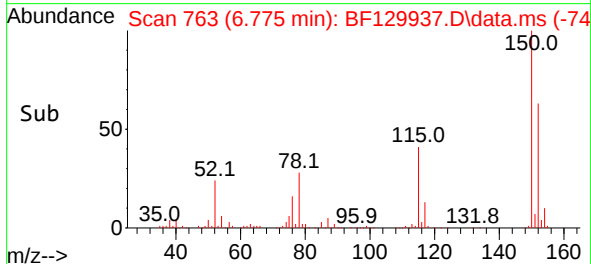
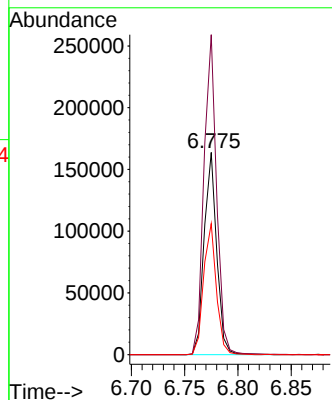
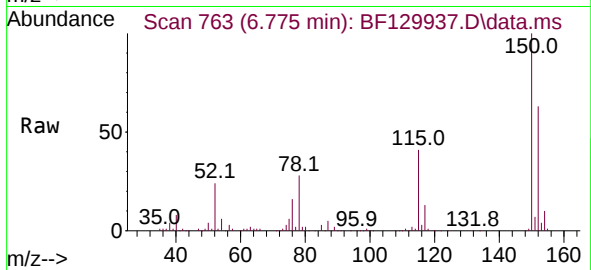




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129937.D
Acq: 22 Aug 2022 12:52

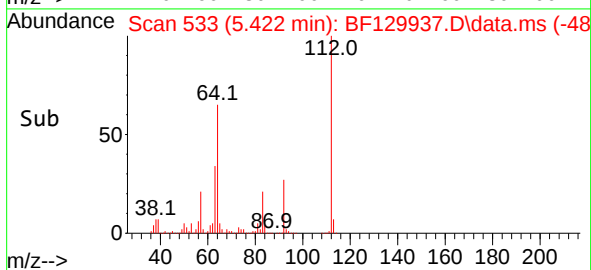
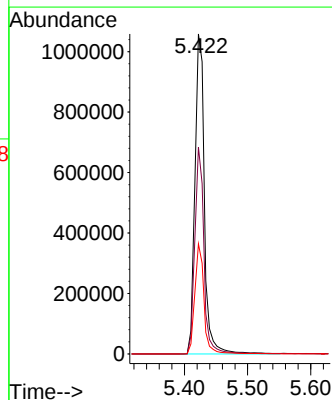
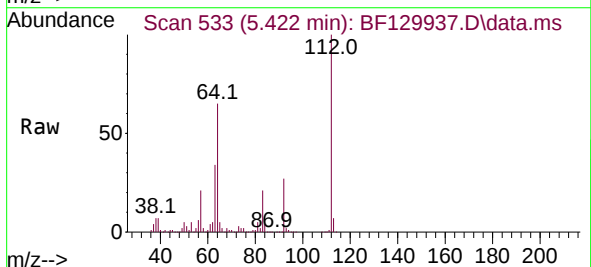
Instrument :
BNA_F
ClientSampleId :
PB146994BL

Tgt Ion:152 Resp: 133722
Ion Ratio Lower Upper
152 100
150 158.3 126.9 190.3
115 64.8 53.4 80.0



#5
2-Fluorophenol
Concen: 136.881 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.012 min
Lab File: BF129937.D
Acq: 22 Aug 2022 12:52

Tgt Ion:112 Resp: 1105515
Ion Ratio Lower Upper
112 100
64 64.6 47.6 71.4
63 34.4 24.6 37.0

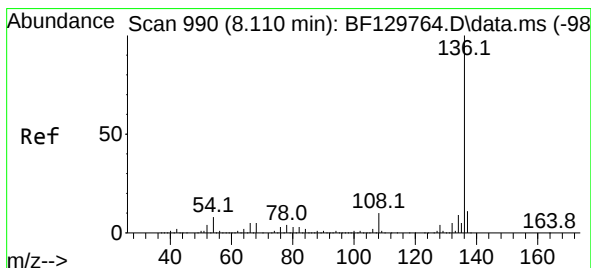
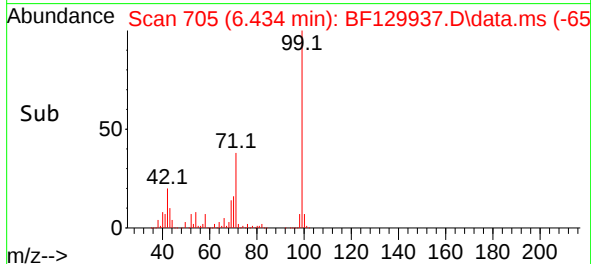
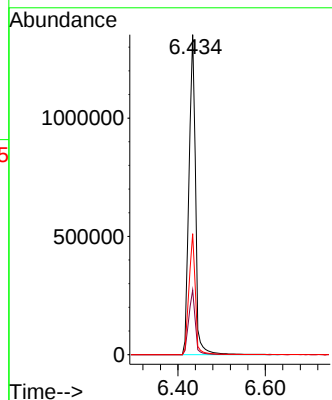
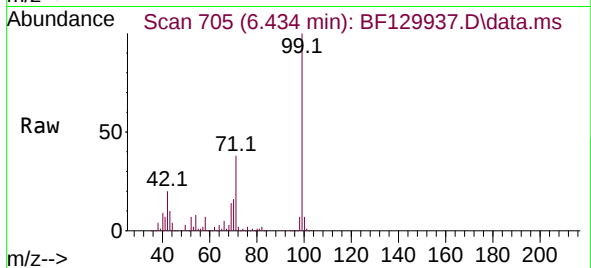




#7
Phenol-d6
Concen: 138.791 ng
RT: 6.434 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129937.D
Acq: 22 Aug 2022 12:52

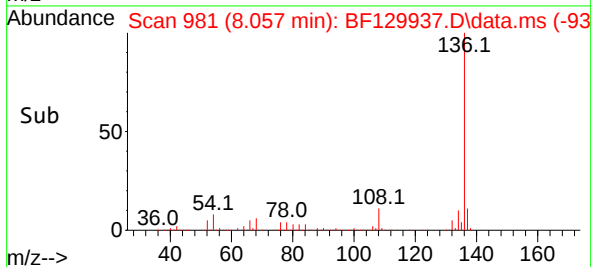
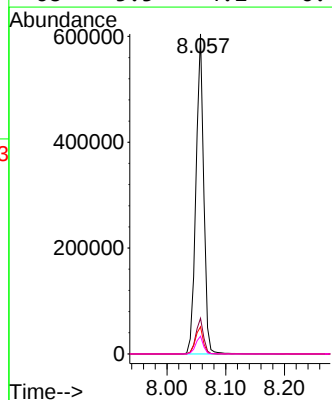
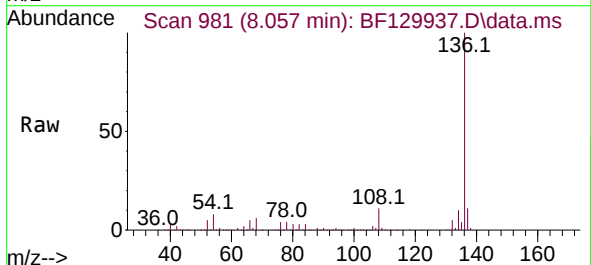
Instrument :
BNA_F
ClientSampleId :
PB146994BL

Tgt Ion: 99 Resp: 1403733
Ion Ratio Lower Upper
99 100
42 20.2 15.0 22.4
71 37.8 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: BF129937.D
Acq: 22 Aug 2022 12:52

Tgt Ion: 136 Resp: 552223
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.5 6.2 9.2
68 5.5 4.2 6.4

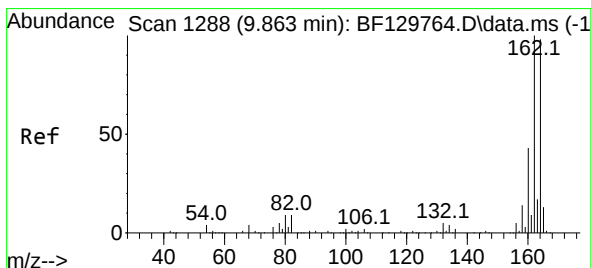
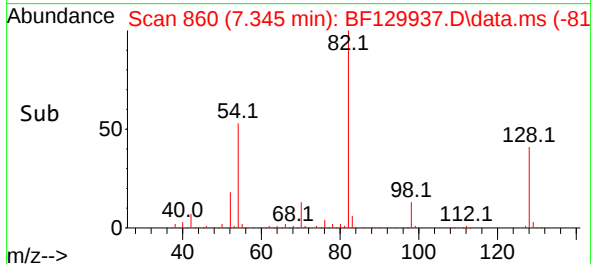
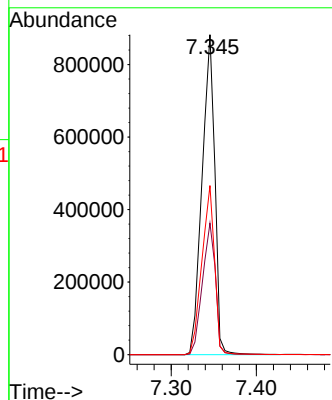
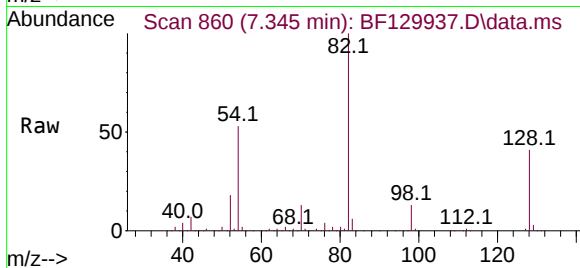




#23
Nitrobenzene-d5
Concen: 88.879 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129937.D
Acq: 22 Aug 2022 12:52

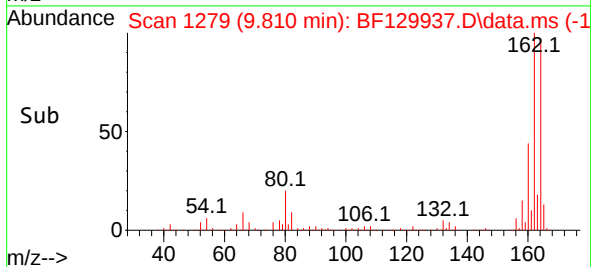
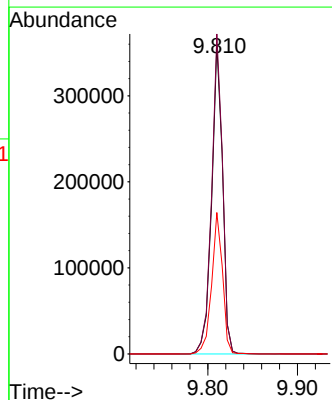
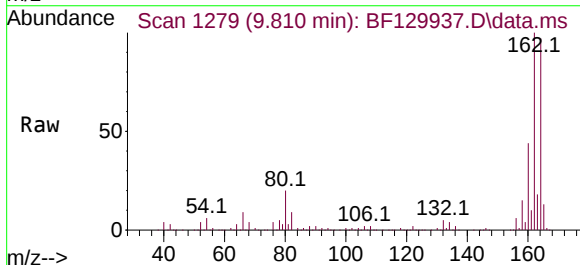
Instrument :
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ClientSampleId :
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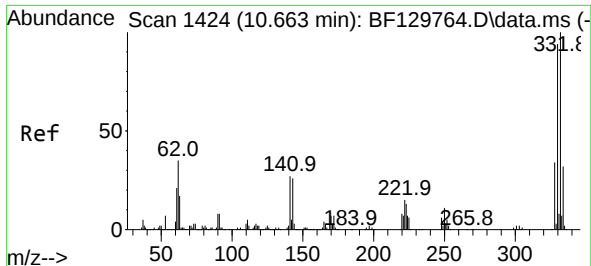
Tgt Ion: 82 Resp: 916856
Ion Ratio Lower Upper
82 100
128 41.1 36.1 54.1
54 52.8 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF129937.D
Acq: 22 Aug 2022 12:52

Tgt Ion: 164 Resp: 305782
Ion Ratio Lower Upper
164 100
162 103.4 82.0 123.0
160 45.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 139.694 ng

RT: 10.610 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF129937.D

Acq: 22 Aug 2022 12:52

Instrument :

BNA_F

ClientSampleId :

PB146994BL

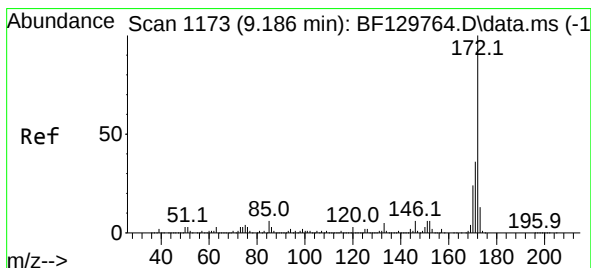
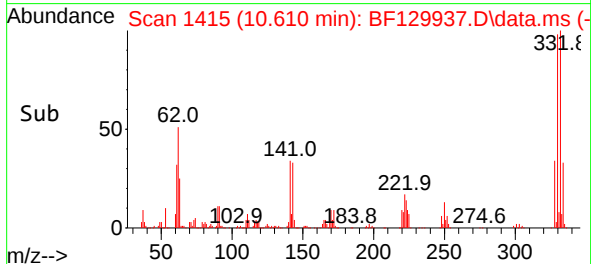
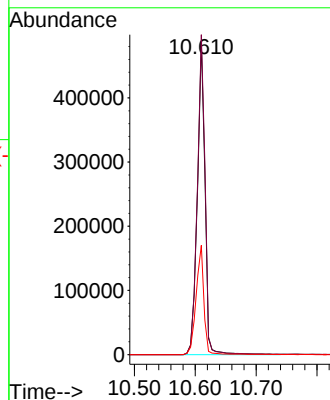
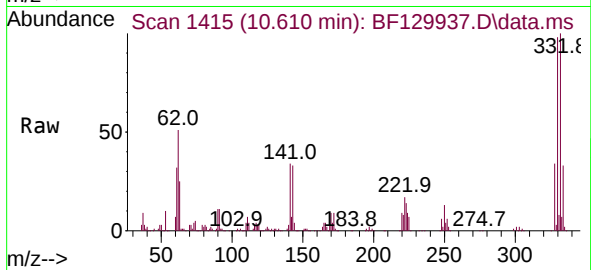
Tgt Ion:330 Resp: 428718

Ion Ratio Lower Upper

330 100

332 103.2 82.6 124.0

141 35.7 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 84.389 ng

RT: 9.134 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF129937.D

Acq: 22 Aug 2022 12:52

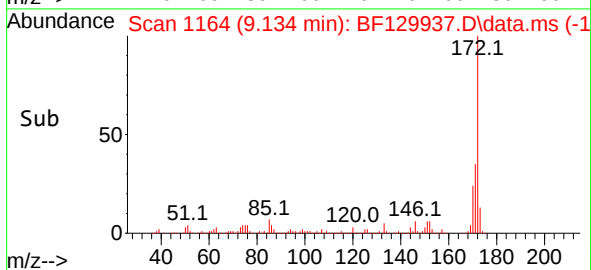
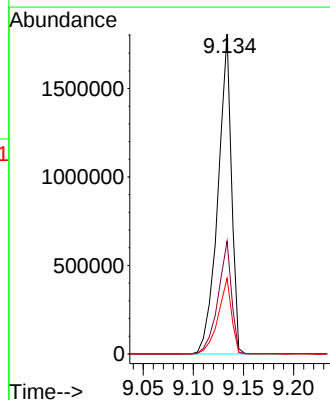
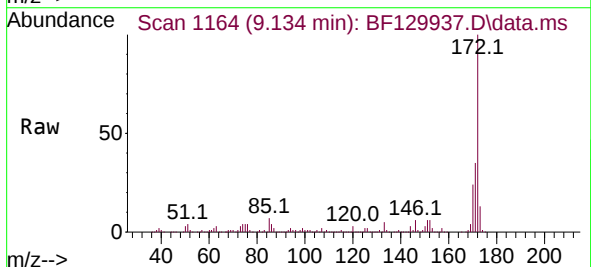
Tgt Ion:172 Resp: 1699019

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.6 19.1 28.7

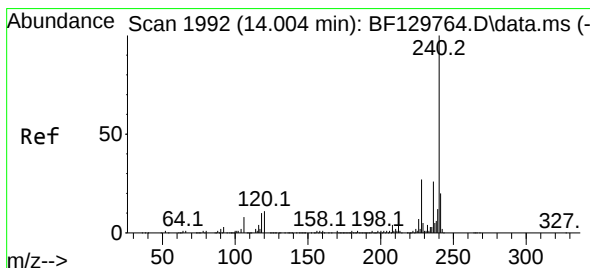
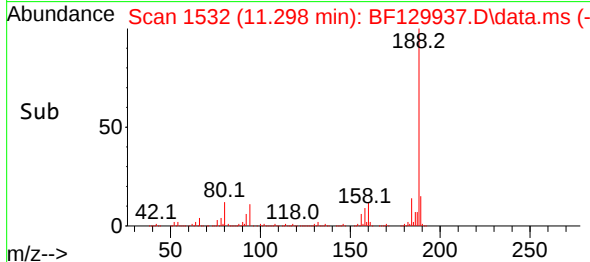
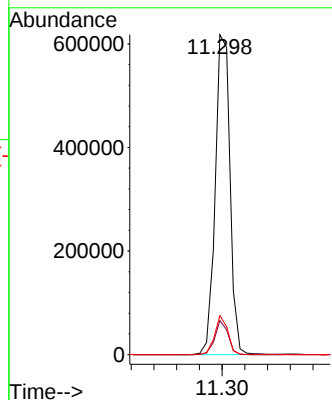
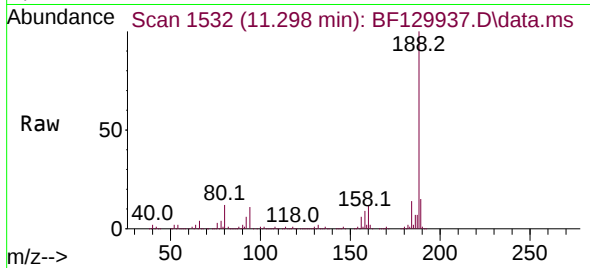




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129937.D
Acq: 22 Aug 2022 12:52

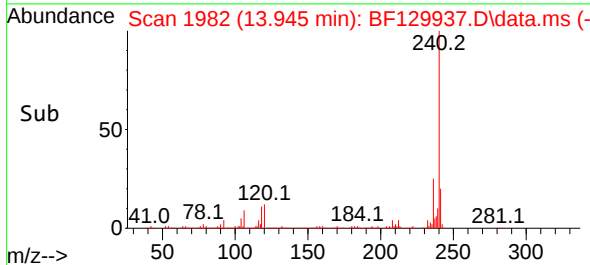
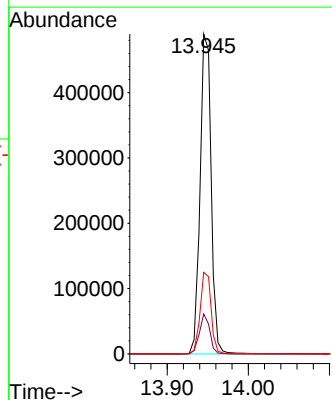
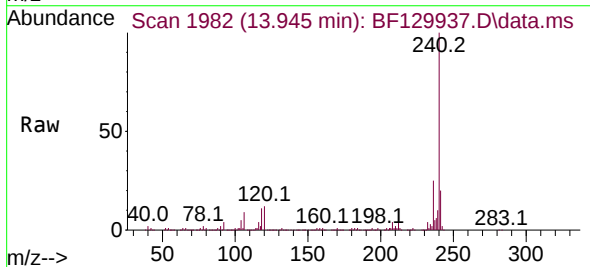
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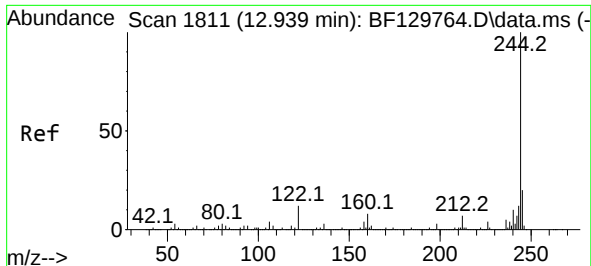
Tgt Ion:188 Resp: 558219
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.2
80 12.2 7.9 11.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF129937.D
Acq: 22 Aug 2022 12:52

Tgt Ion:240 Resp: 462818
Ion Ratio Lower Upper
240 100
120 12.5 9.2 13.8
236 25.5 20.7 31.1

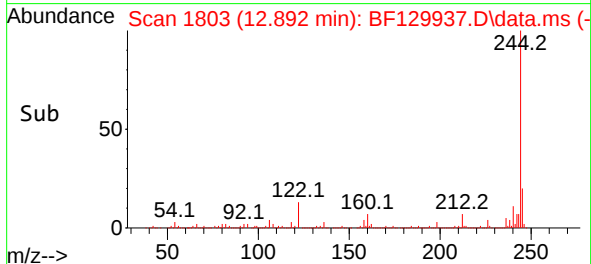
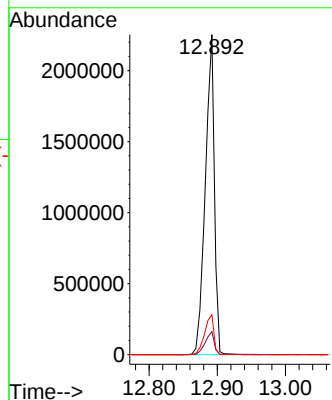
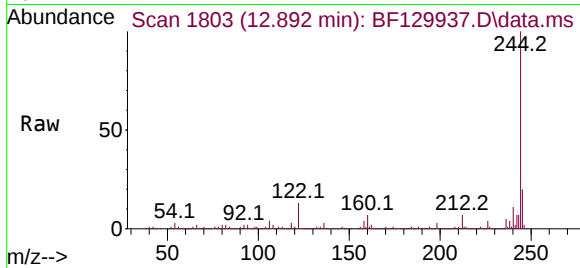




#79
 Terphenyl-d14
 Concen: 75.059 ng
 RT: 12.892 min Scan# 1811
 Delta R.T. 0.006 min
 Lab File: BF129937.D
 Acq: 22 Aug 2022 12:52

Instrument :
 BNA_F
 ClientSampleId :
 PB146994BL

Tgt Ion:244 Resp: 2087750
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.5 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: BF129937.D
 Acq: 22 Aug 2022 12:52

Tgt Ion:264 Resp: 408893
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.2 16.7 25.1

