

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082222\
 Data File : BF129944.D
 Acq On : 22 Aug 2022 17:10
 Operator : CG\JU
 Sample : N4224-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-0816

Quant Time: Aug 23 04:50:03 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	111109	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	448435	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	241699	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	413487	20.000	ng	0.00
76) Chrysene-d12	13.945	240	317039	20.000	ng	0.00
86) Perylene-d12	15.398	264	266450	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	873129	130.110	ng	0.02
7) Phenol-d6	6.434	99	995697	118.484	ng	0.00
23) Nitrobenzene-d5	7.345	82	789683	94.268	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	376118	155.048	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1463972	91.994	ng	0.00
79) Terphenyl-d14	12.886	244	1700589	89.253	ng	0.00

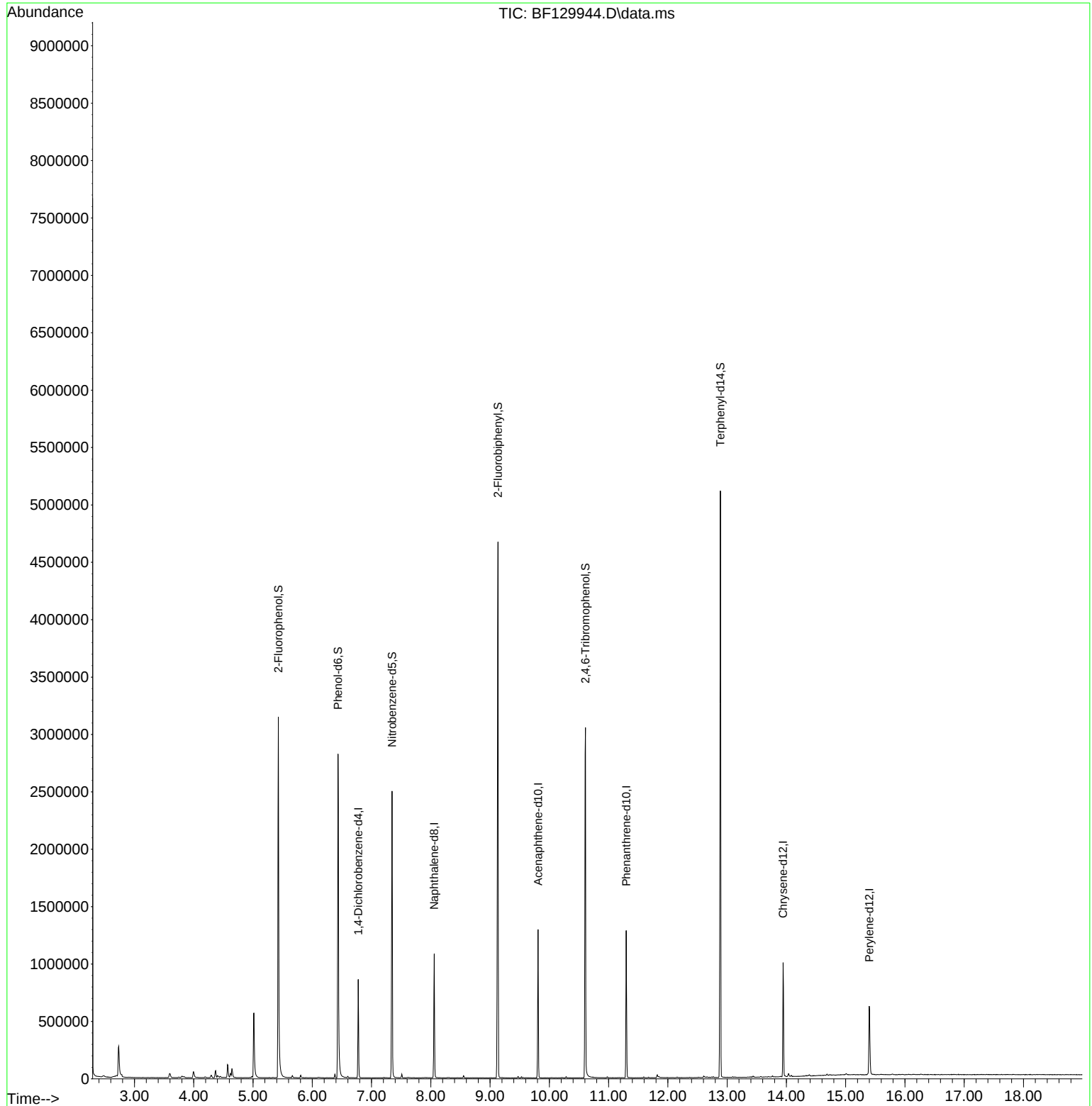
Target Compounds	Qvalue

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

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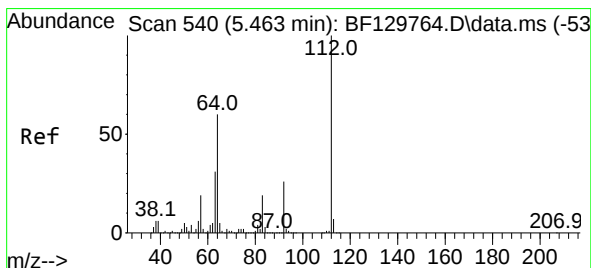
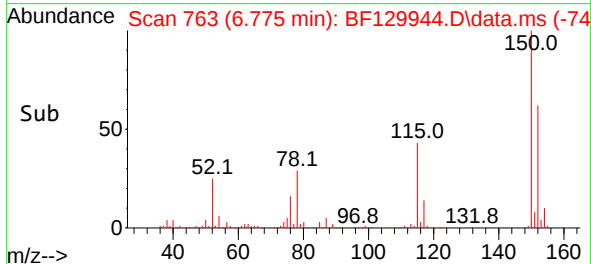
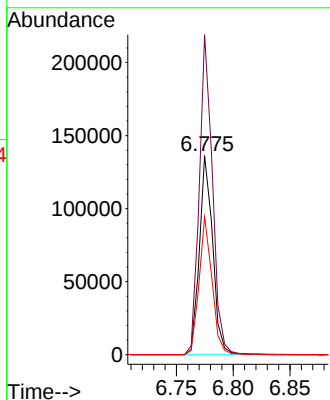
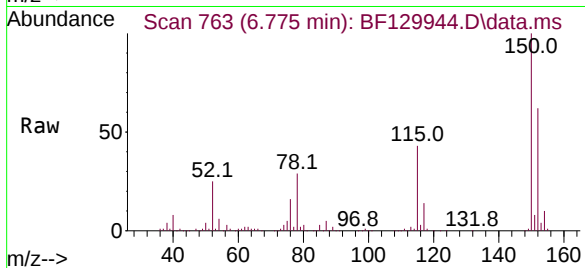




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129944.D
Acq: 22 Aug 2022 17:10

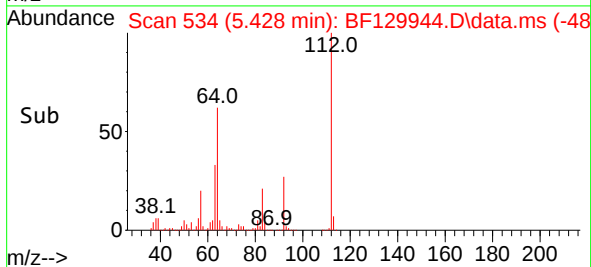
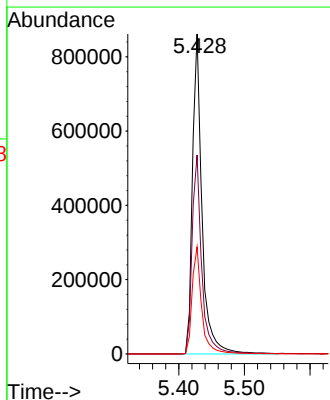
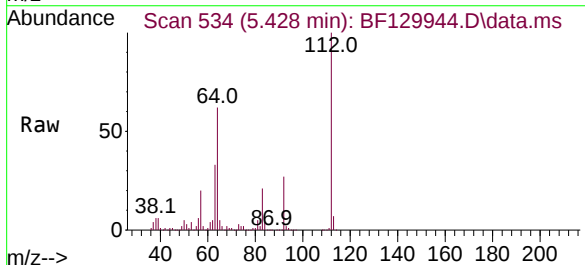
Instrument :
BNA_F
ClientSampleId :
TP1-0816

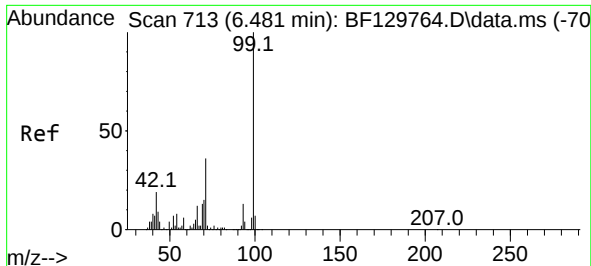
Tgt Ion:152 Resp: 111109
Ion Ratio Lower Upper
152 100
150 160.8 126.9 190.3
115 69.2 53.4 80.0



#5
2-Fluorophenol
Concen: 130.110 ng
RT: 5.428 min Scan# 534
Delta R.T. 0.018 min
Lab File: BF129944.D
Acq: 22 Aug 2022 17:10

Tgt Ion:112 Resp: 873129
Ion Ratio Lower Upper
112 100
64 62.1 47.6 71.4
63 33.4 24.6 37.0

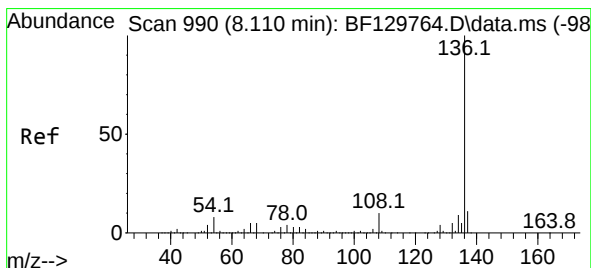
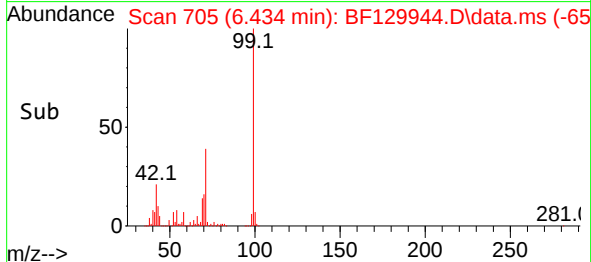
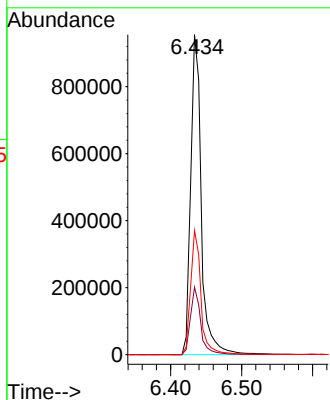
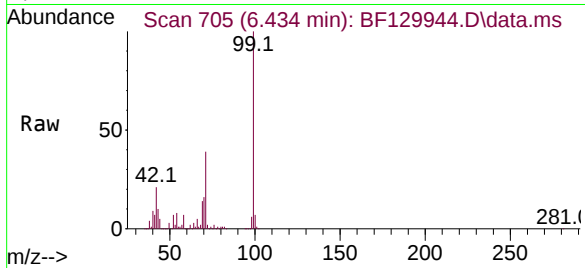




#7
Phenol-d6
Concen: 118.484 ng
RT: 6.434 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129944.D
Acq: 22 Aug 2022 17:10

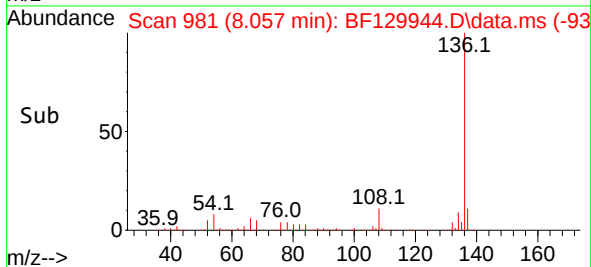
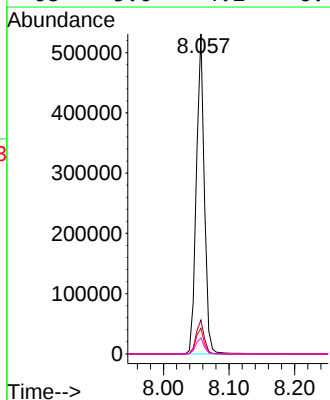
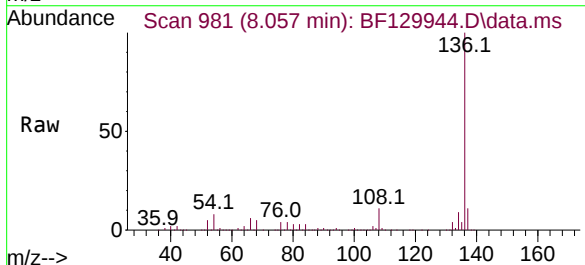
Instrument :
BNA_F
ClientSampleId :
TP1-0816

Tgt Ion: 99 Resp: 995697
Ion Ratio Lower Upper
99 100
42 21.1 15.0 22.4
71 38.8 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: BF129944.D
Acq: 22 Aug 2022 17:10

Tgt Ion: 136 Resp: 448435
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 8.1 6.2 9.2
68 5.0 4.2 6.4

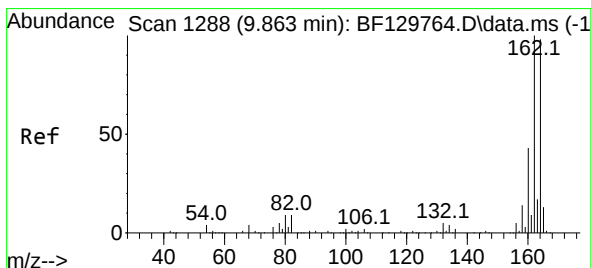
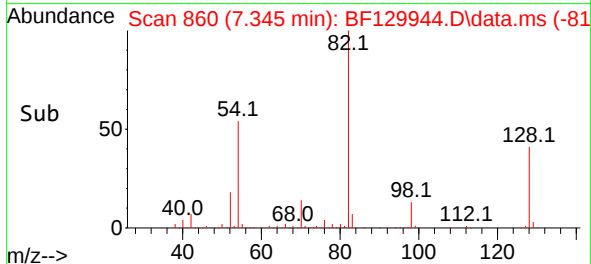
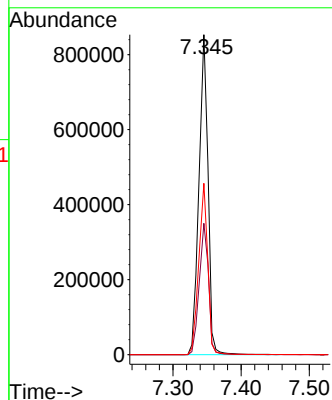
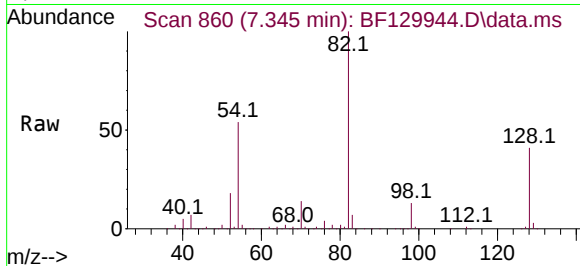




#23
 Nitrobenzene-d5
 Concen: 94.268 ng
 RT: 7.345 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF129944.D
 Acq: 22 Aug 2022 17:10

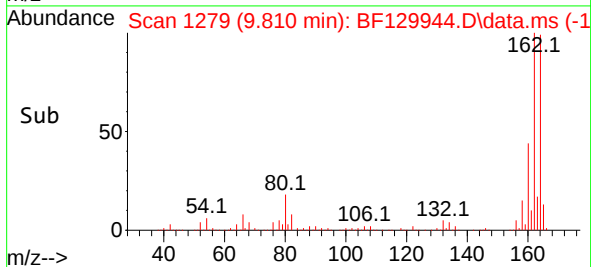
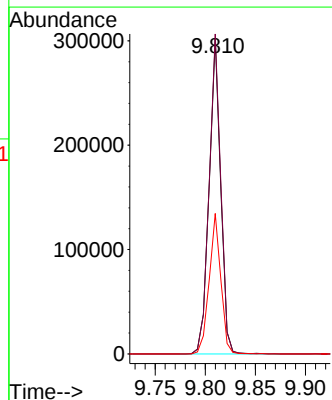
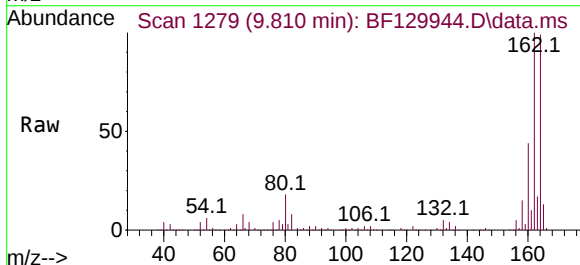
Instrument :
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 ClientSampleId :
 TP1-0816

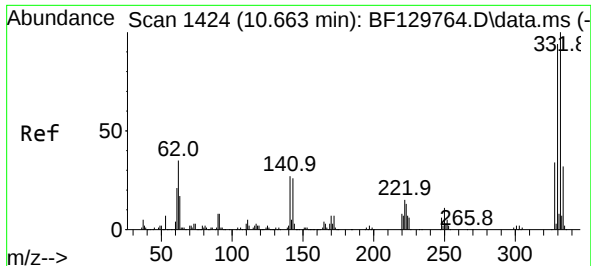
Tgt Ion: 82 Resp: 789683
 Ion Ratio Lower Upper
 82 100
 128 41.0 36.1 54.1
 54 53.5 40.0 60.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.810 min Scan# 1279
 Delta R.T. -0.006 min
 Lab File: BF129944.D
 Acq: 22 Aug 2022 17:10

Tgt Ion: 164 Resp: 241699
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.0 123.0
 160 44.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 155.048 ng

RT: 10.610 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF129944.D

Acq: 22 Aug 2022 17:10

Instrument :

BNA_F

ClientSampleId :

TP1-0816

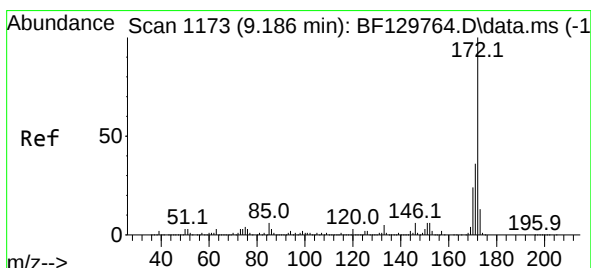
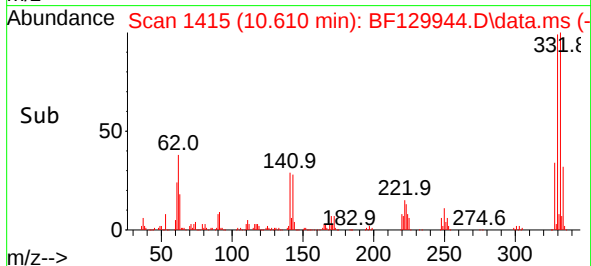
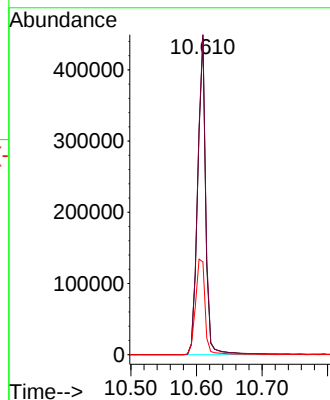
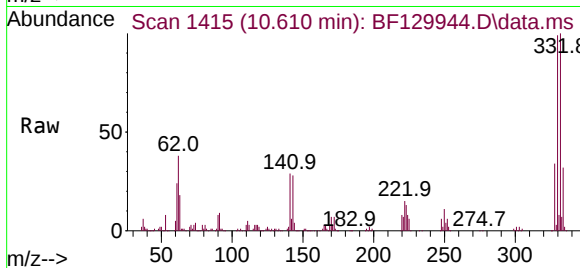
Tgt Ion:330 Resp: 376118

Ion Ratio Lower Upper

330 100

332 102.5 82.6 124.0

141 36.4 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 91.994 ng

RT: 9.133 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF129944.D

Acq: 22 Aug 2022 17:10

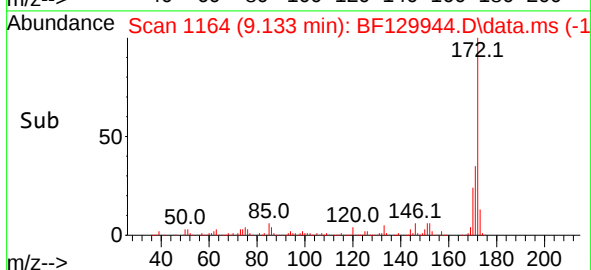
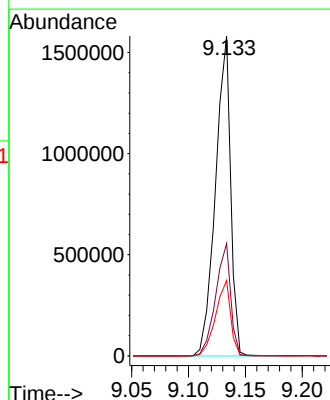
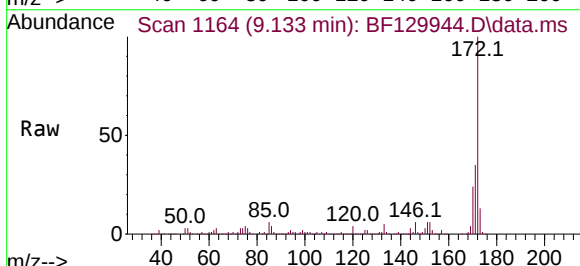
Tgt Ion:172 Resp: 1463972

Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.6 19.1 28.7

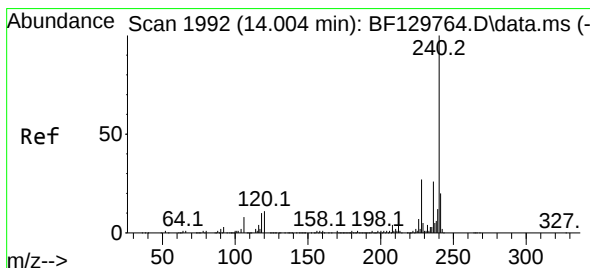
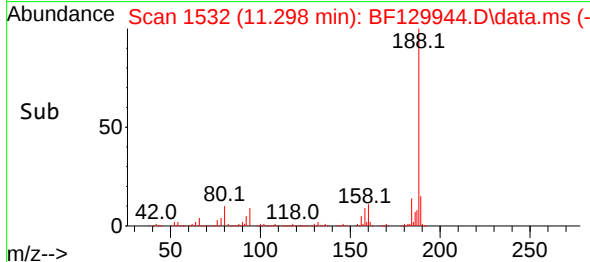
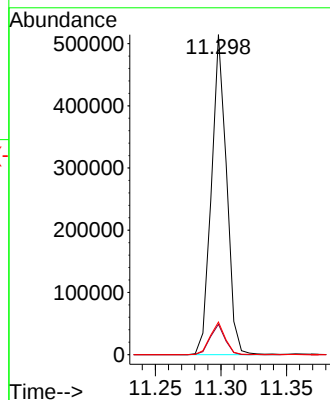
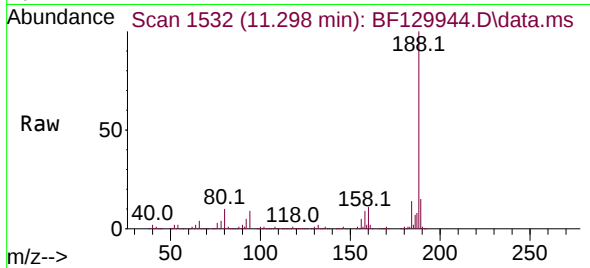




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129944.D
Acq: 22 Aug 2022 17:10

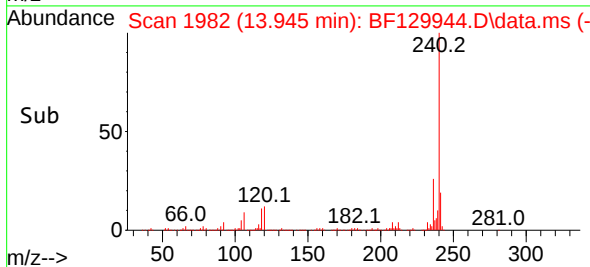
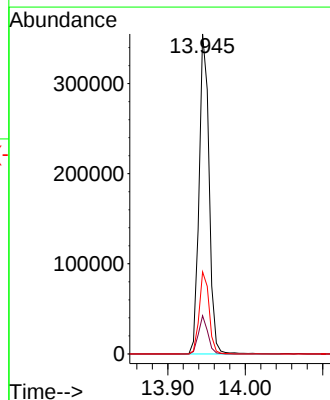
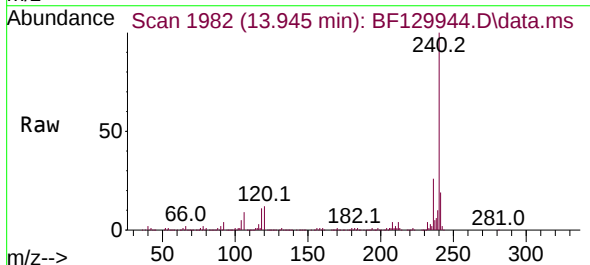
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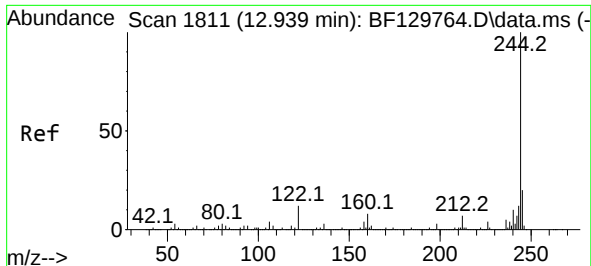
Tgt Ion:188 Resp: 413487
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF129944.D
Acq: 22 Aug 2022 17:10

Tgt Ion:240 Resp: 317039
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 25.6 20.7 31.1

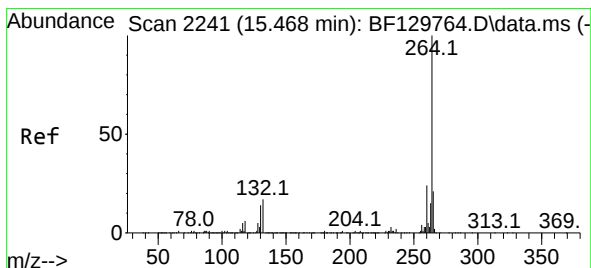
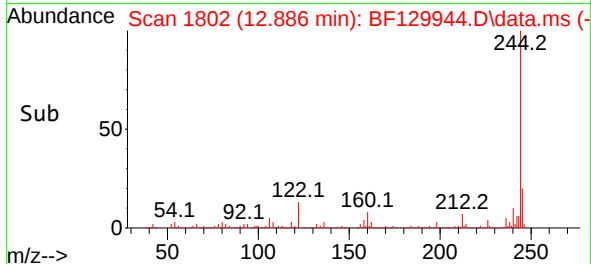
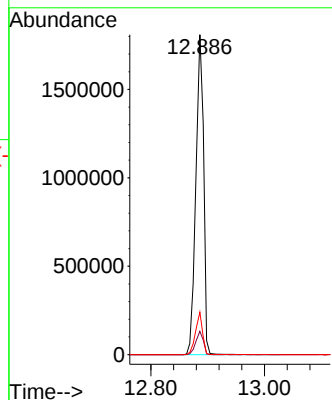
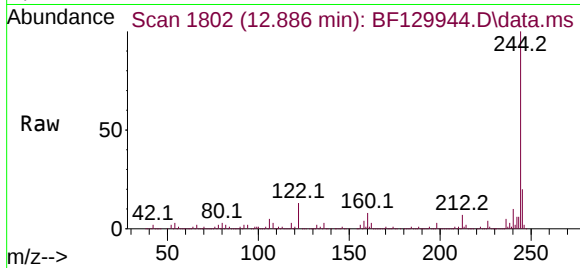




#79
 Terphenyl-d14
 Concen: 89.253 ng
 RT: 12.886 min Scan# 1811
 Delta R.T. 0.000 min
 Lab File: BF129944.D
 Acq: 22 Aug 2022 17:10

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1700589
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 13.3 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.398 min Scan# 2229
 Delta R.T. 0.000 min
 Lab File: BF129944.D
 Acq: 22 Aug 2022 17:10

Tgt Ion:264 Resp: 266450
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.9 16.7 25.1

