

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
 Data File : BF129954.D
 Acq On : 23 Aug 2022 15:25
 Operator : CG\JU
 Sample : N4293-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON1-8-22-2022

Quant Time: Aug 24 01:54:19 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	149701	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	610187	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	327540	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	545157	20.000	ng	0.00
76) Chrysene-d12	13.951	240	330976	20.000	ng	0.00
86) Perylene-d12	15.404	264	248704	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	402085	44.471	ng	0.01
7) Phenol-d6	6.434	99	1001238	88.429	ng	0.00
23) Nitrobenzene-d5	7.345	82	782296	68.631	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	24240	7.374	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1501174	69.610	ng	0.00
79) Terphenyl-d14	12.886	244	1523974	76.616	ng	0.00

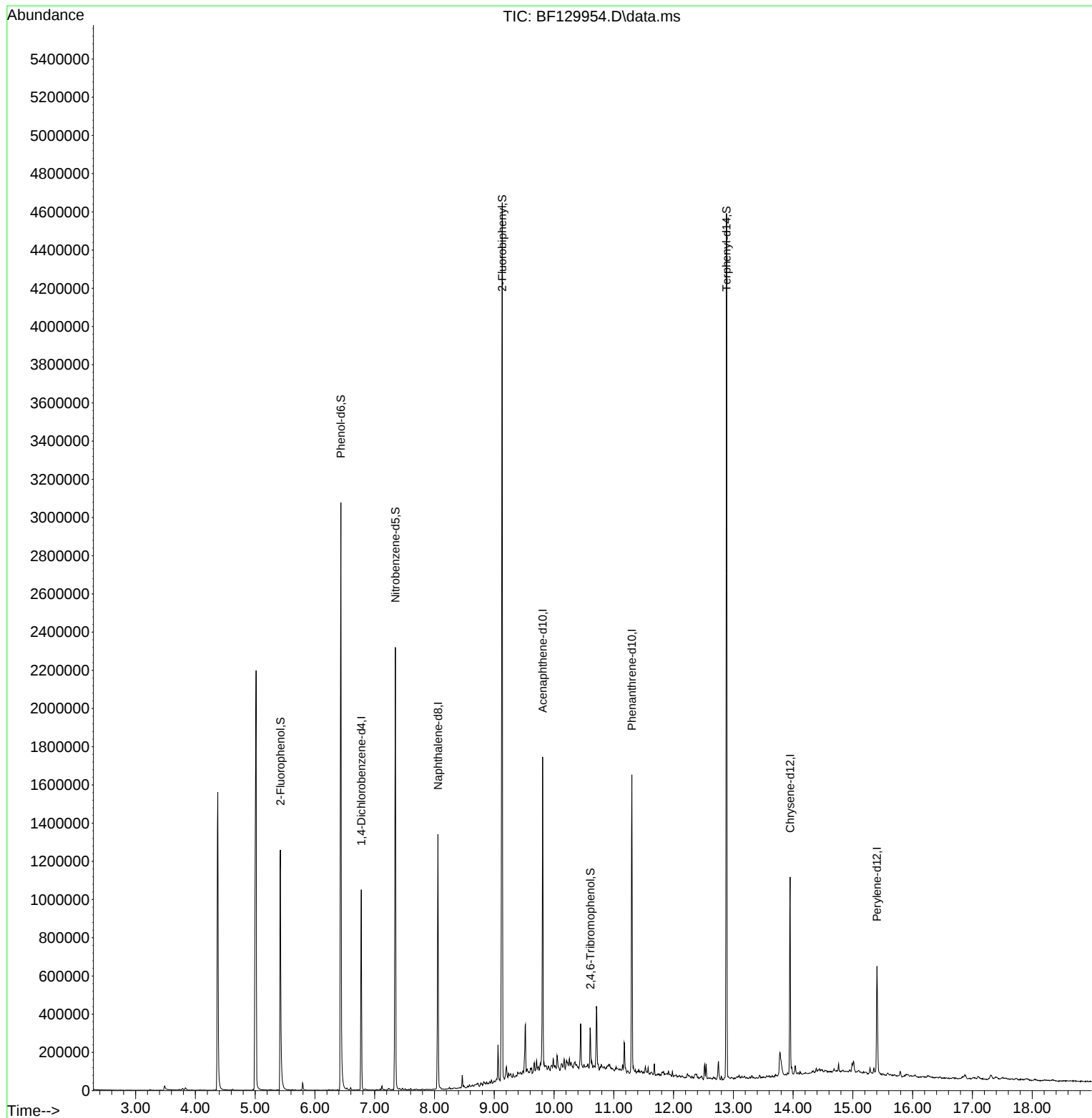
Target Compounds Qvalue

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

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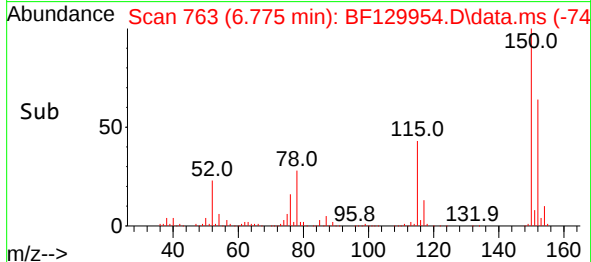
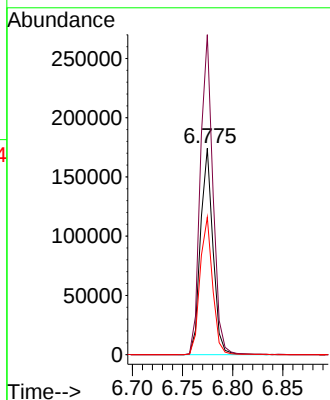
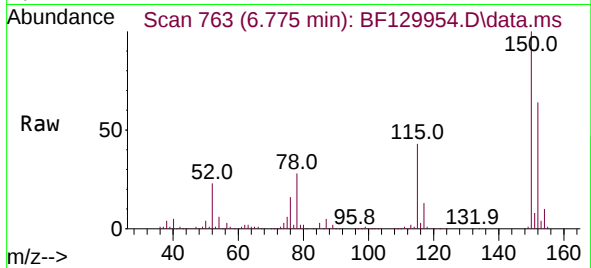




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129954.D
Acq: 23 Aug 2022 15:25

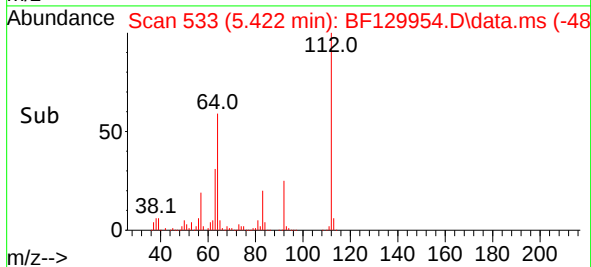
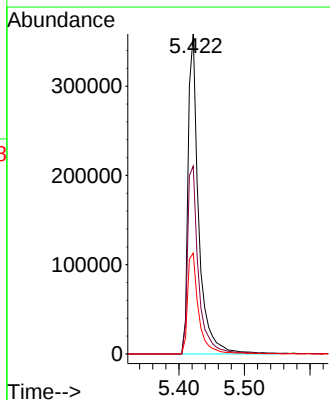
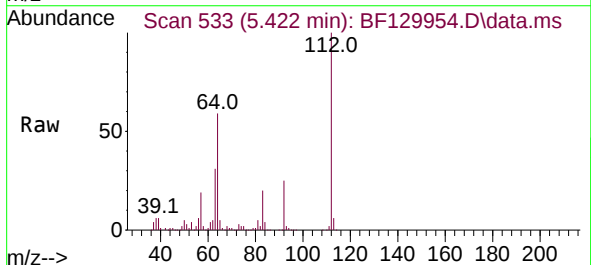
Instrument :
BNA_F
ClientSampleId :
CON1-8-22-2022

Tgt Ion:152 Resp: 149701
Ion Ratio Lower Upper
152 100
150 155.1 126.9 190.3
115 66.6 53.4 80.0



#5
2-Fluorophenol
Concen: 44.471 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.012 min
Lab File: BF129954.D
Acq: 23 Aug 2022 15:25

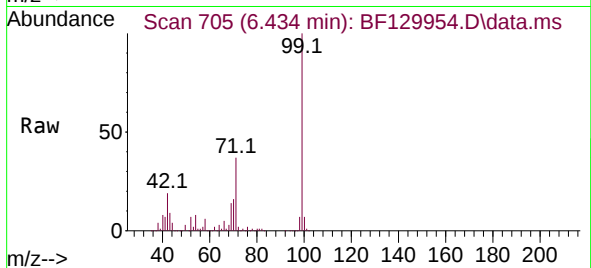
Tgt Ion:112 Resp: 402085
Ion Ratio Lower Upper
112 100
64 58.7 47.6 71.4
63 31.5 24.6 37.0



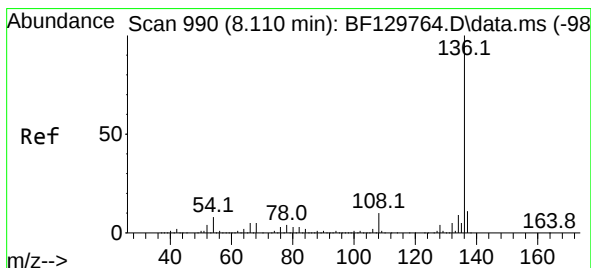
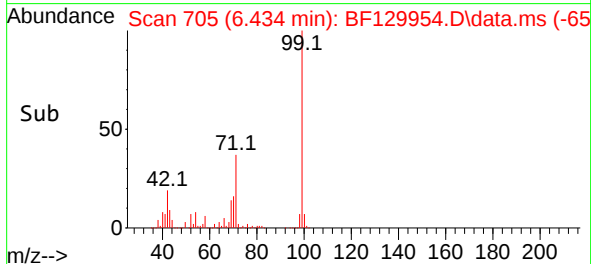
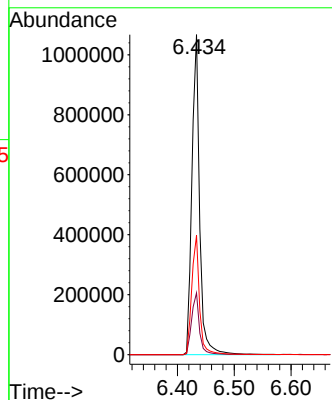


#7
Phenol-d6
Concen: 88.429 ng
RT: 6.434 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129954.D
Acq: 23 Aug 2022 15:25

Instrument :
BNA_F
ClientSampleId :
CON1-8-22-2022

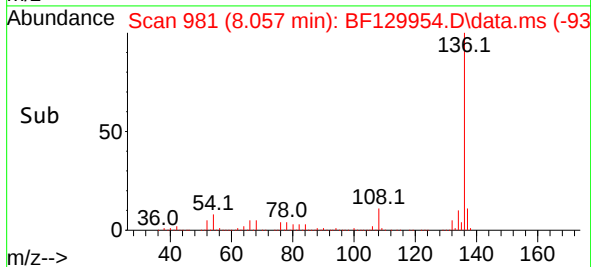
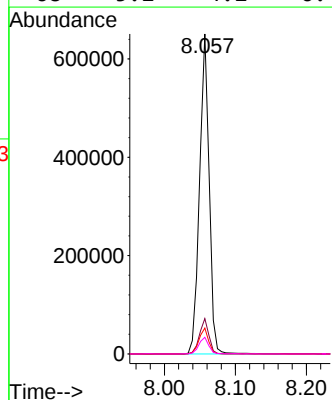
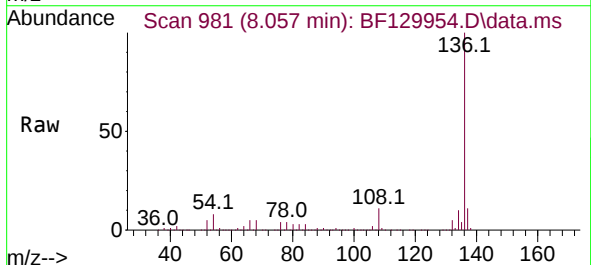


Tgt Ion: 99 Resp: 1001238
Ion Ratio Lower Upper
99 100
42 19.3 15.0 22.4
71 37.2 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF129954.D
Acq: 23 Aug 2022 15:25

Tgt Ion: 136 Resp: 610187
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.1 6.2 9.2
68 5.2 4.2 6.4

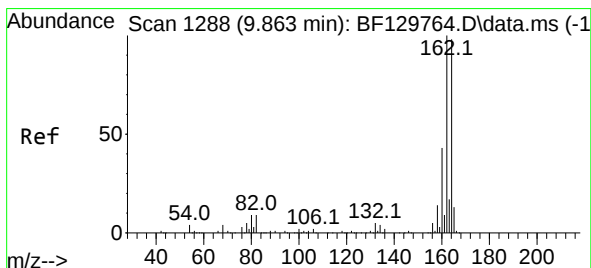
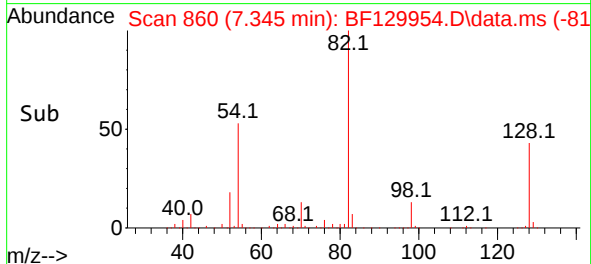
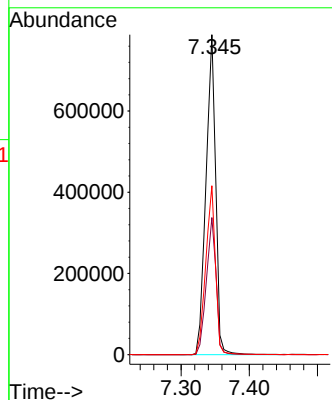
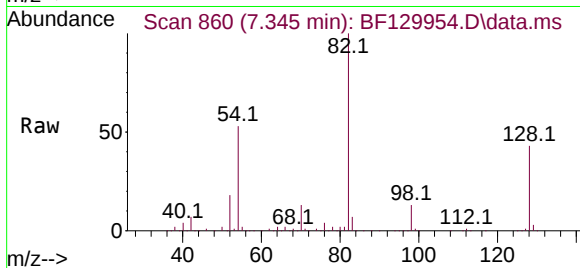




#23
Nitrobenzene-d5
Concen: 68.631 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129954.D
Acq: 23 Aug 2022 15:25

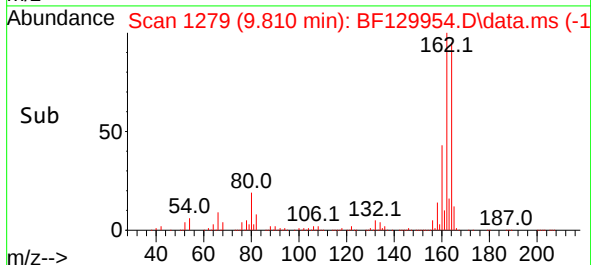
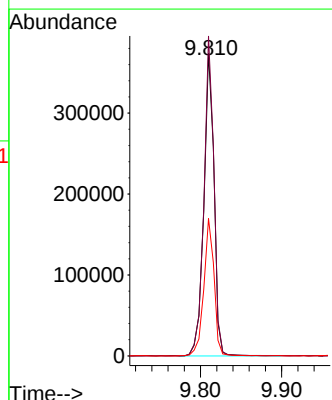
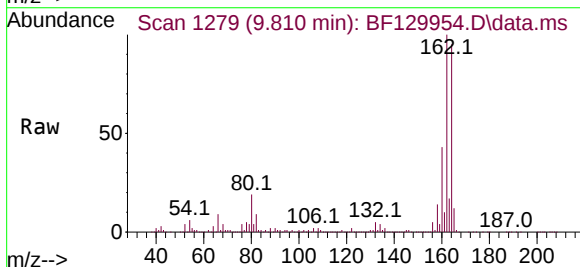
Instrument :
BNA_F
ClientSampleId :
CON1-8-22-2022

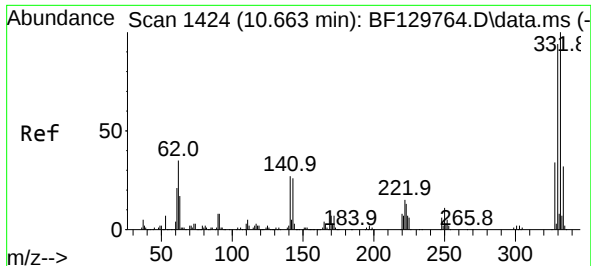
Tgt Ion: 82 Resp: 782296
Ion Ratio Lower Upper
82 100
128 42.8 36.1 54.1
54 52.8 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF129954.D
Acq: 23 Aug 2022 15:25

Tgt Ion: 164 Resp: 327540
Ion Ratio Lower Upper
164 100
162 105.7 82.0 123.0
160 45.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 7.374 ng

RT: 10.610 min Scan# 1424

Delta R.T. -0.000 min

Lab File: BF129954.D

Acq: 23 Aug 2022 15:25

Instrument :

BNA_F

ClientSampleId :

CON1-8-22-2022

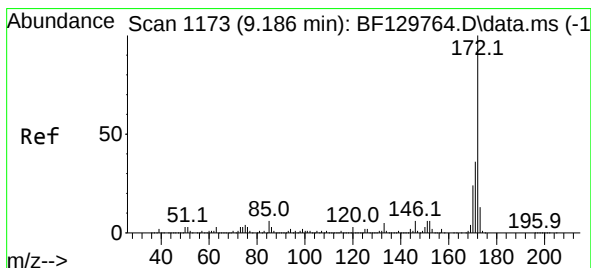
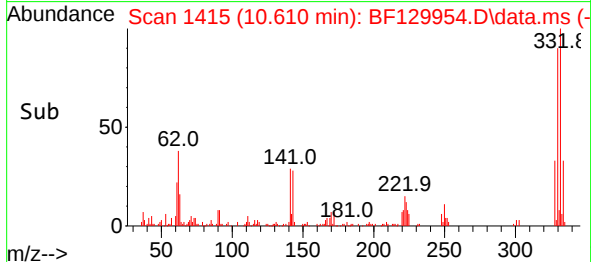
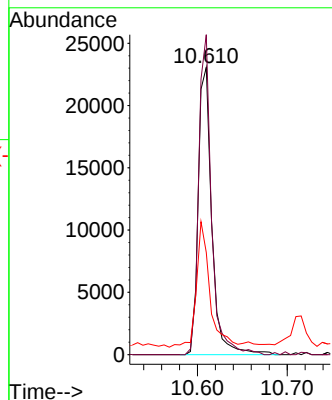
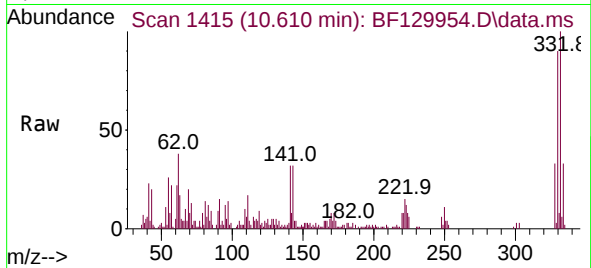
Tgt Ion:330 Resp: 24240

Ion Ratio Lower Upper

330 100

332 104.8 82.6 124.0

141 42.8 27.6 41.4#



#45

2-Fluorobiphenyl

Concen: 69.610 ng

RT: 9.133 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF129954.D

Acq: 23 Aug 2022 15:25

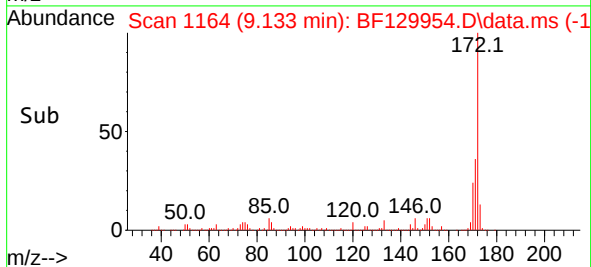
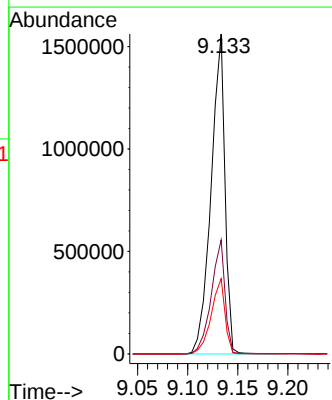
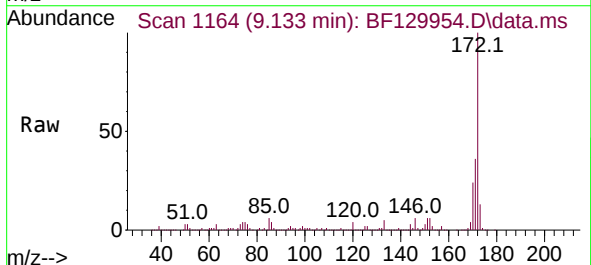
Tgt Ion:172 Resp: 1501174

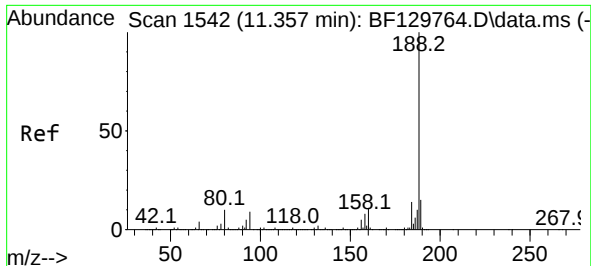
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.5 19.1 28.7

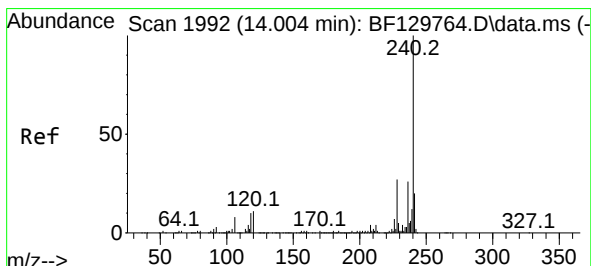
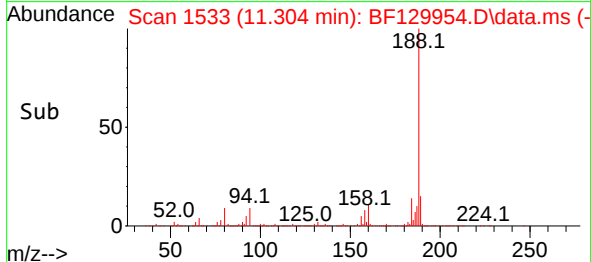
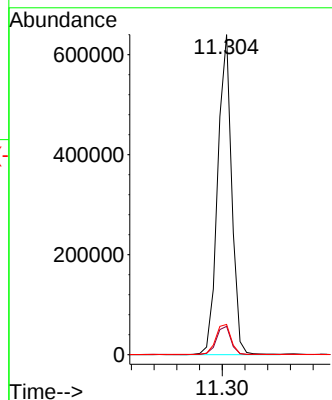
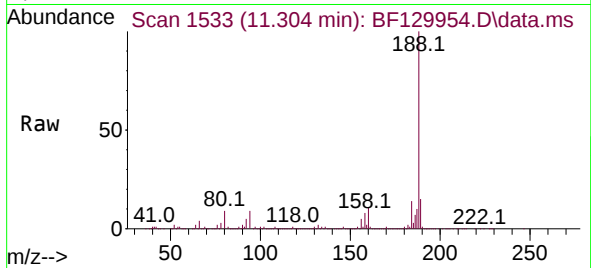




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129954.D
Acq: 23 Aug 2022 15:25

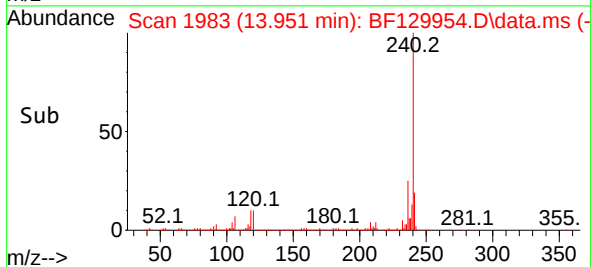
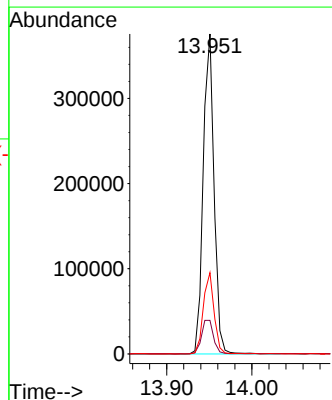
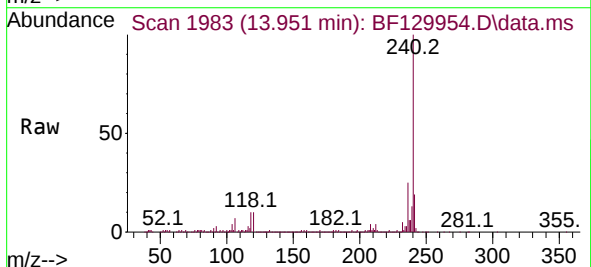
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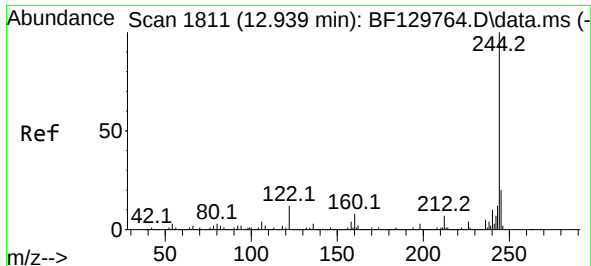
Tgt Ion:188 Resp: 545157
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.4 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 1983
Delta R.T. -0.000 min
Lab File: BF129954.D
Acq: 23 Aug 2022 15:25

Tgt Ion:240 Resp: 330976
Ion Ratio Lower Upper
240 100
120 10.5 9.2 13.8
236 25.4 20.7 31.1

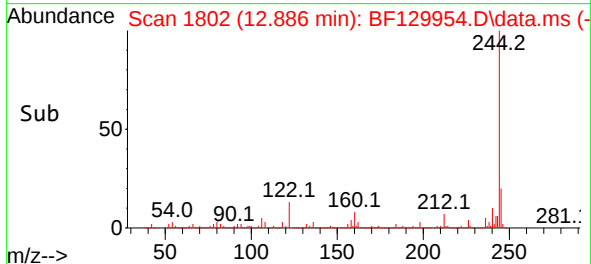
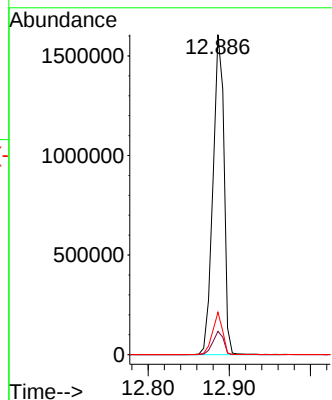
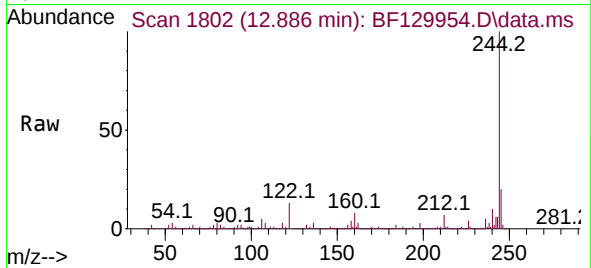




#79
 Terphenyl-d14
 Concen: 76.616 ng
 RT: 12.886 min Scan# 1811
 Delta R.T. -0.000 min
 Lab File: BF129954.D
 Acq: 23 Aug 2022 15:25

Instrument :
 BNA_F
 ClientSampleId :
 CON1-8-22-2022

Tgt Ion:244 Resp: 1523974
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 13.2 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: BF129954.D
 Acq: 23 Aug 2022 15:25

Tgt Ion:264 Resp: 248704
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.1 28.7
 265 21.7 16.7 25.1

