

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082922\
 Data File : BF130043.D
 Acq On : 29 Aug 2022 19:58
 Operator : CG\JU
 Sample : N4376-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-28

Quant Time: Aug 30 01:31:22 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 30 01:22:56 2022
 Response via : Initial Calibration

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

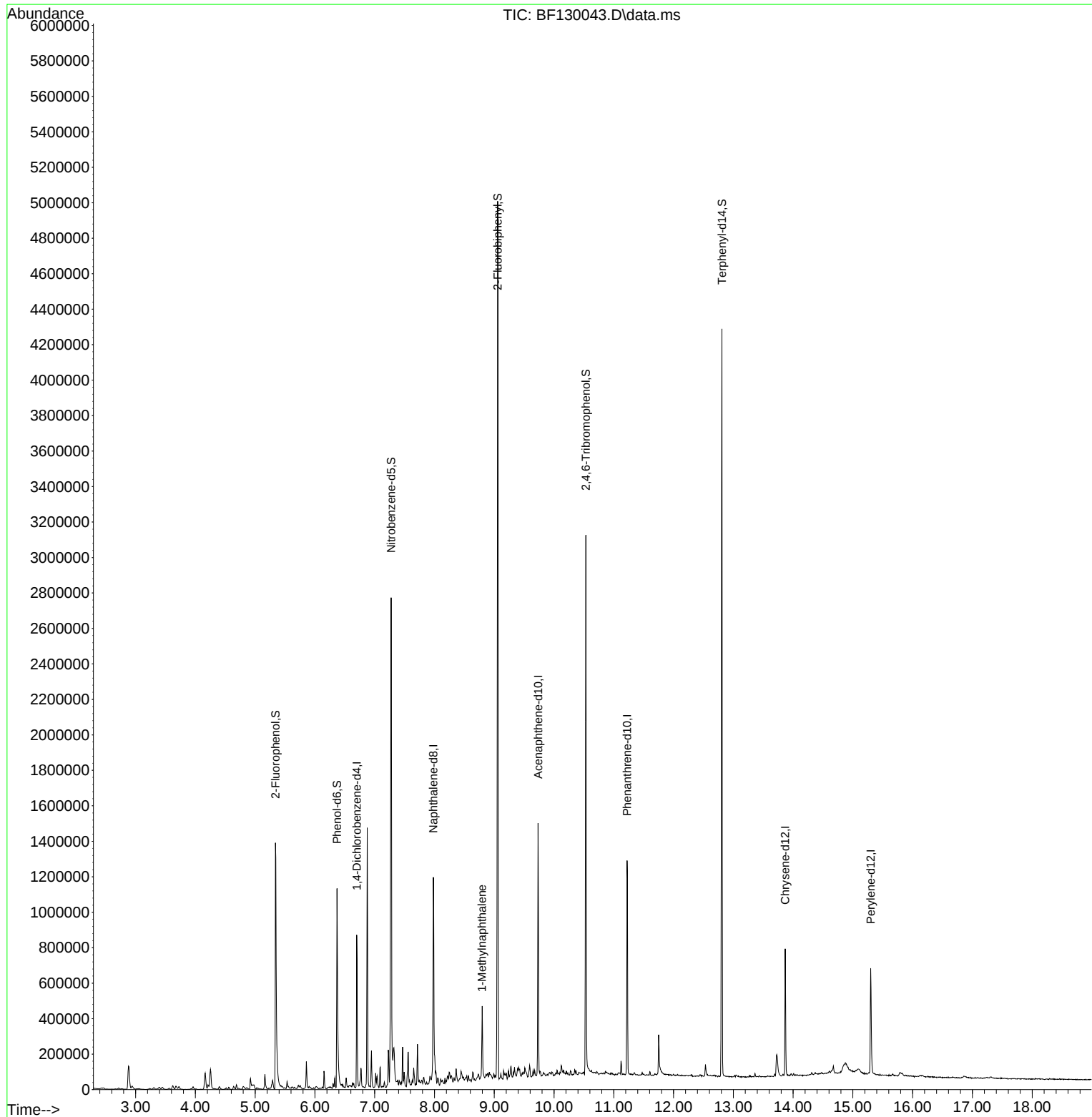
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	125664	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	502933	20.000	ng	0.00
39) Acenaphthene-d10	9.733	164	263379	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	432418	20.000	ng	0.00
76) Chrysene-d12	13.868	240	221373	20.000	ng	0.00
86) Perylene-d12	15.298	264	249433	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	484056	63.777	ng	0.00
7) Phenol-d6	6.369	99	415017	43.665	ng	0.00
23) Nitrobenzene-d5	7.275	82	899660	95.759	ng	0.00
42) 2,4,6-Tribromophenol	10.533	330	344274	130.239	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	1628244	93.895	ng	0.00
79) Terphenyl-d14	12.810	244	1355203	101.863	ng	0.00
Target Compounds						
38) 1-Methylnaphthalene	8.792	142	38425	2.291	ng	Qvalue 100

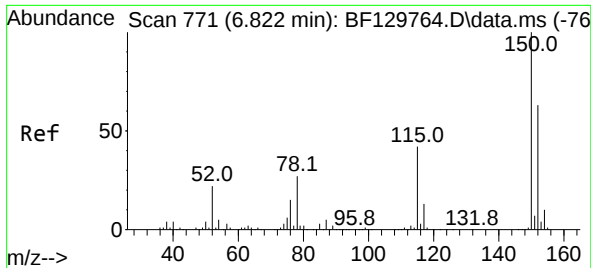
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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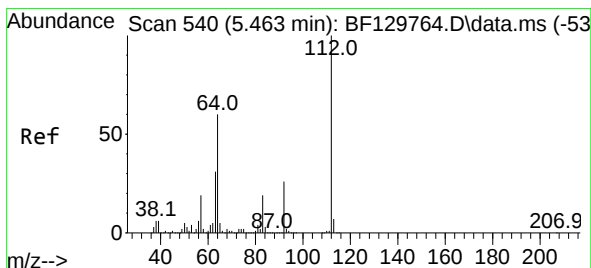
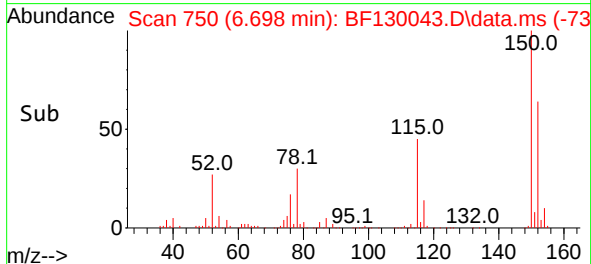
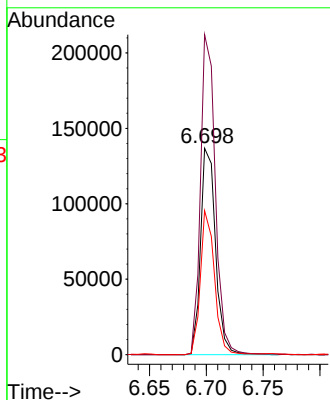
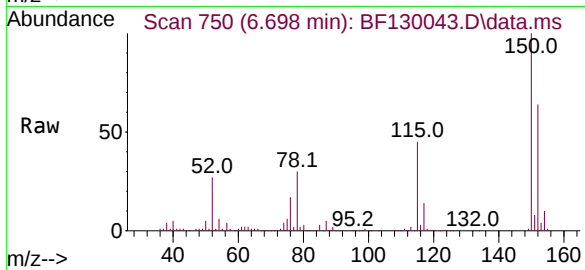




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.698 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130043.D
Acq: 29 Aug 2022 19:58

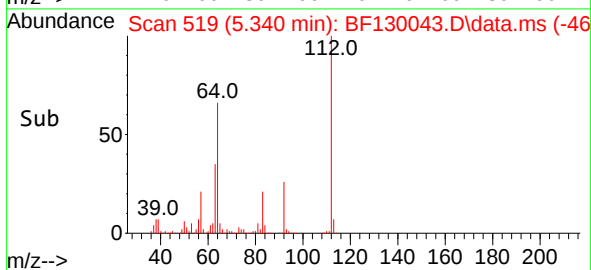
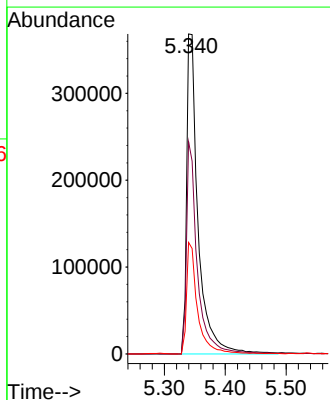
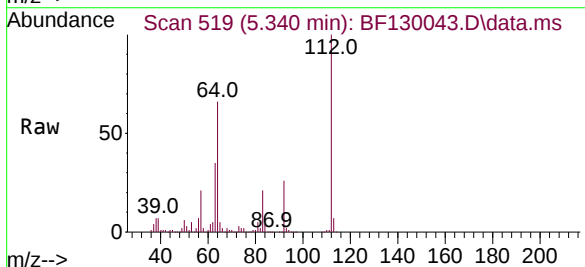
Instrument :
BNA_F
ClientSampleId :
MW-28

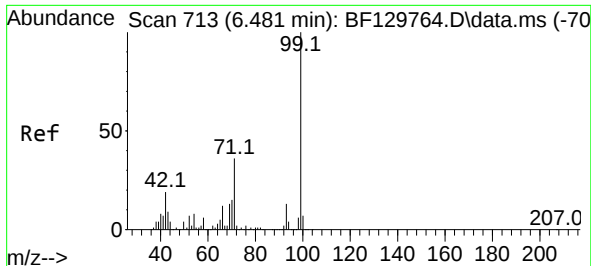
Tgt Ion:152 Resp: 125664
Ion Ratio Lower Upper
152 100
150 155.1 126.9 190.3
115 69.8 53.4 80.0



#5
2-Fluorophenol
Concen: 63.777 ng
RT: 5.340 min Scan# 519
Delta R.T. 0.006 min
Lab File: BF130043.D
Acq: 29 Aug 2022 19:58

Tgt Ion:112 Resp: 484056
Ion Ratio Lower Upper
112 100
64 66.3 47.6 71.4
63 34.8 24.6 37.0

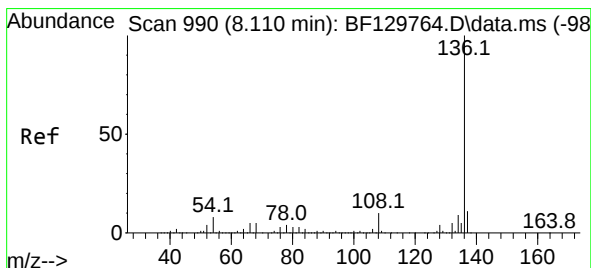
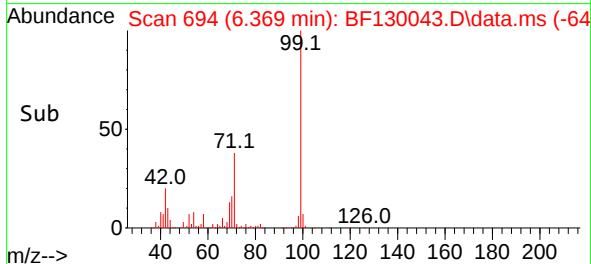
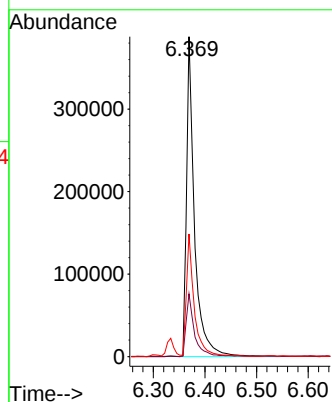
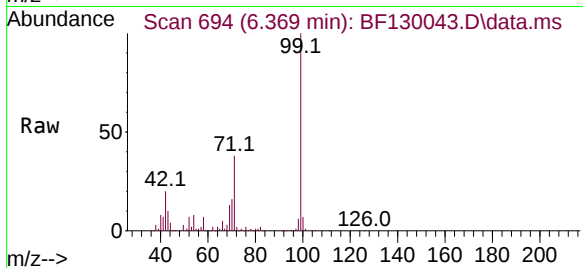




#7
Phenol-d6
Concen: 43.665 ng
RT: 6.369 min Scan# 694
Delta R.T. 0.000 min
Lab File: BF130043.D
Acq: 29 Aug 2022 19:58

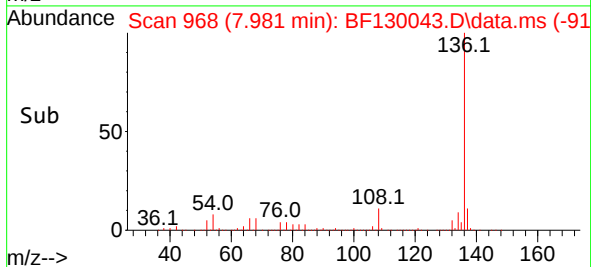
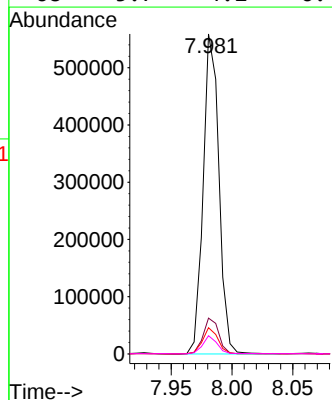
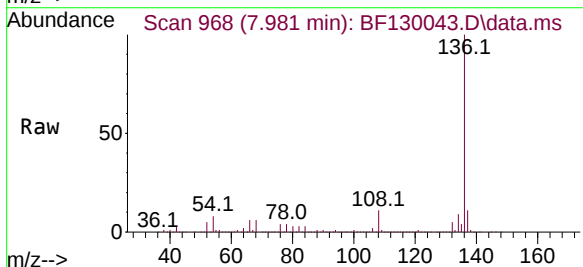
Instrument :
BNA_F
ClientSampleId :
MW-28

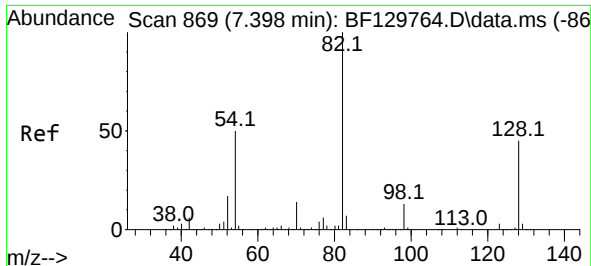
Tgt Ion: 99 Resp: 415017
Ion Ratio Lower Upper
99 100
42 19.6 15.0 22.4
71 38.3 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 968
Delta R.T. -0.006 min
Lab File: BF130043.D
Acq: 29 Aug 2022 19:58

Tgt Ion: 136 Resp: 502933
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.2 6.2 9.2
68 5.7 4.2 6.4

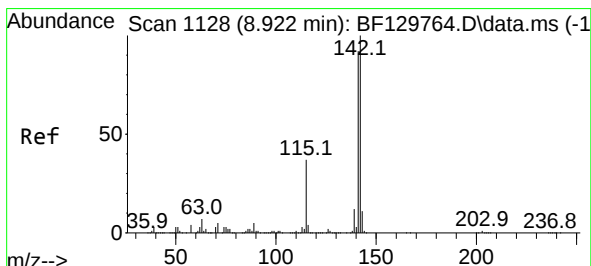
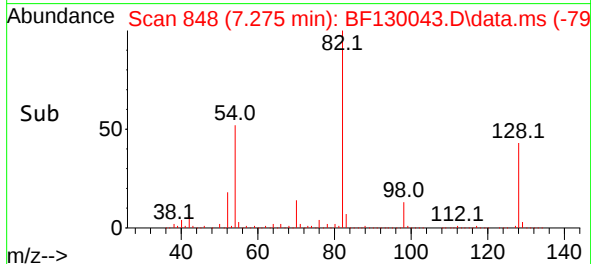
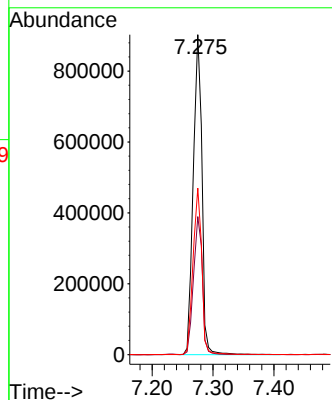
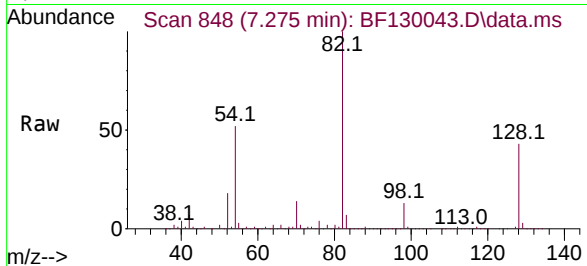




#23
Nitrobenzene-d5
Concen: 95.759 ng
RT: 7.275 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF130043.D
Acq: 29 Aug 2022 19:58

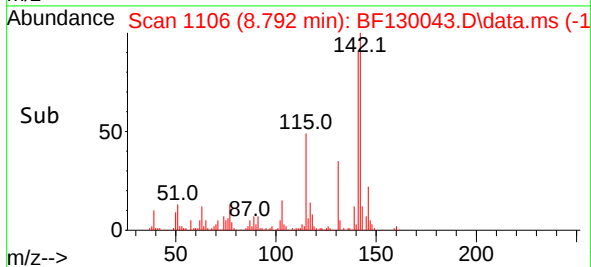
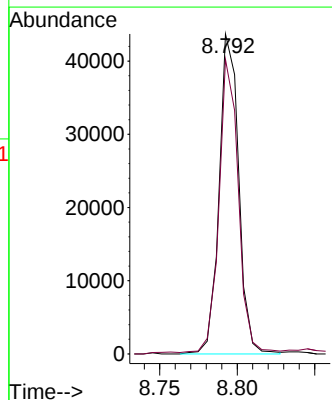
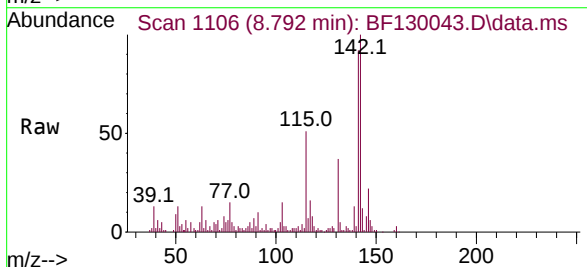
Instrument :
BNA_F
ClientSampleId :
MW-28

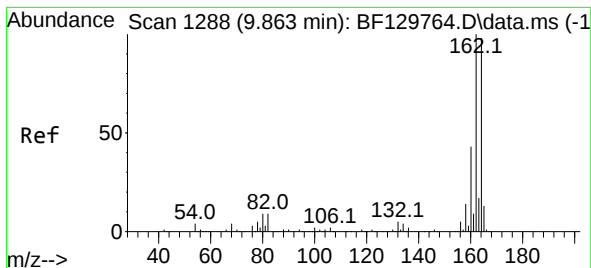
Tgt Ion: 82 Resp: 899660
Ion Ratio Lower Upper
82 100
128 43.1 36.1 54.1
54 52.0 40.0 60.0



#38
1-Methylnaphthalene
Concen: 2.291 ng
RT: 8.792 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF130043.D
Acq: 29 Aug 2022 19:58

Tgt Ion: 142 Resp: 38425
Ion Ratio Lower Upper
142 100
141 92.0 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.733 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130043.D

Acq: 29 Aug 2022 19:58

Instrument :

BNA_F

ClientSampleId :

MW-28

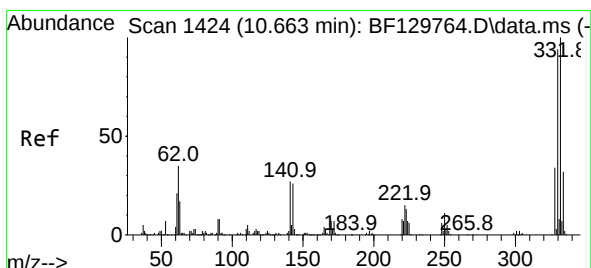
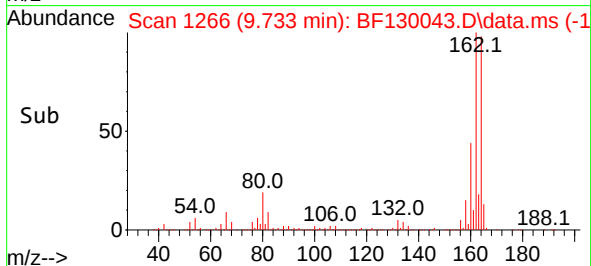
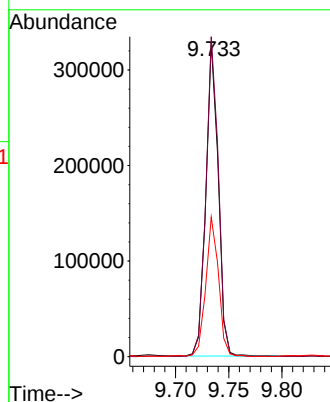
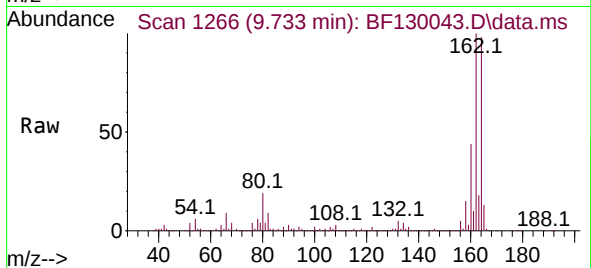
Tgt Ion:164 Resp: 263379

Ion Ratio Lower Upper

164 100

162 101.8 82.0 123.0

160 44.4 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 130.239 ng

RT: 10.533 min Scan# 1402

Delta R.T. 0.000 min

Lab File: BF130043.D

Acq: 29 Aug 2022 19:58

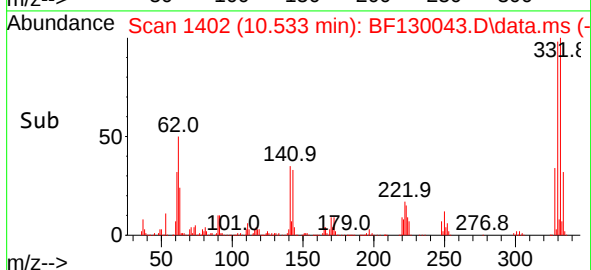
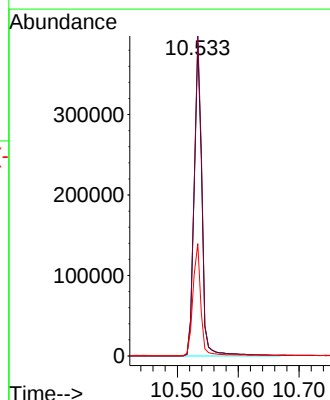
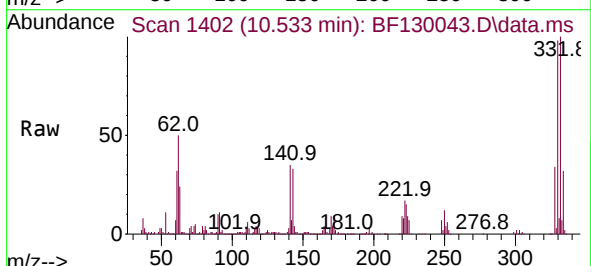
Tgt Ion:330 Resp: 344274

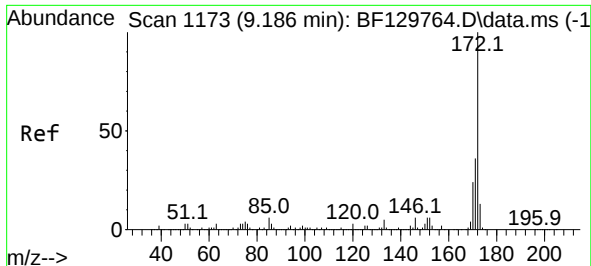
Ion Ratio Lower Upper

330 100

332 102.8 82.6 124.0

141 36.2 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 93.895 ng

RT: 9.057 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF130043.D

Acq: 29 Aug 2022 19:58

Instrument :

BNA_F

ClientSampleId :

MW-28

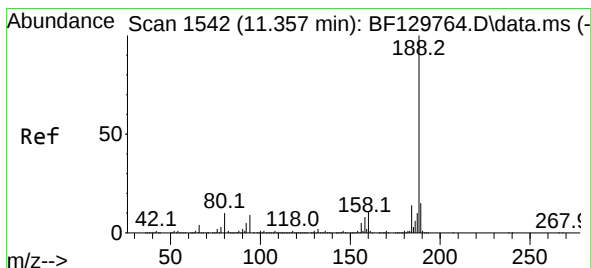
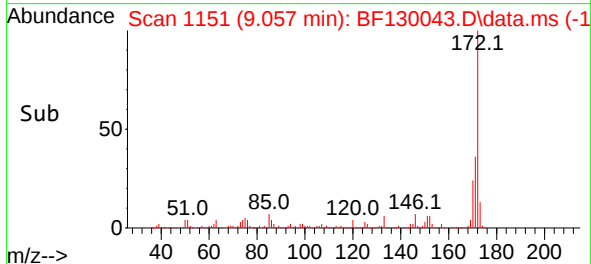
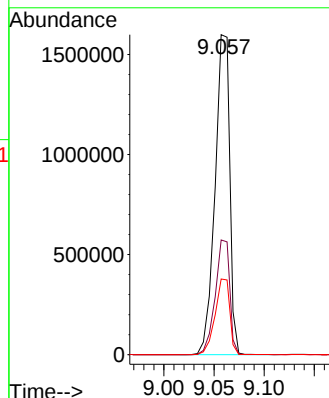
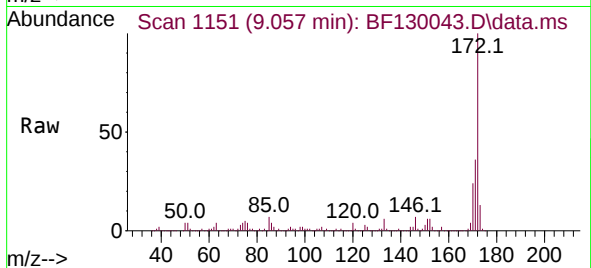
Tgt Ion:172 Resp: 1628244

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.6 19.1 28.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.222 min Scan# 1519

Delta R.T. -0.006 min

Lab File: BF130043.D

Acq: 29 Aug 2022 19:58

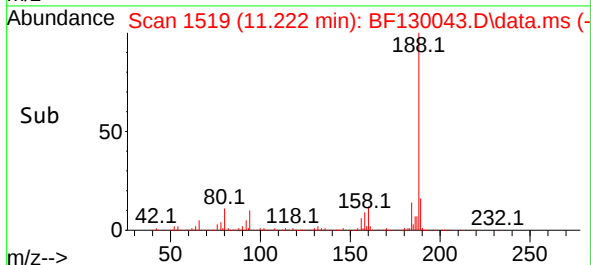
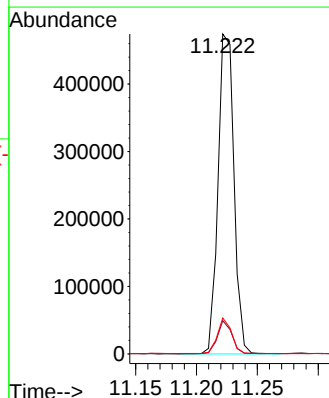
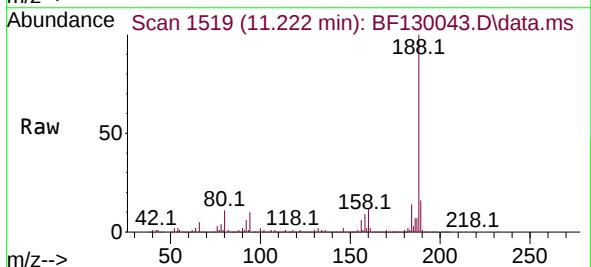
Tgt Ion:188 Resp: 432418

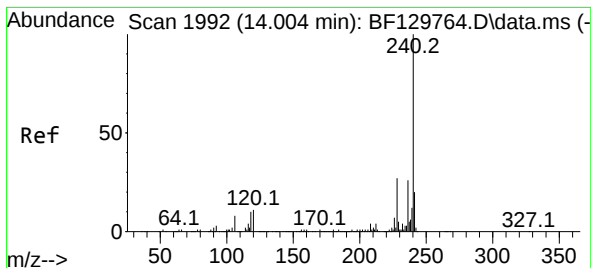
Ion Ratio Lower Upper

188 100

94 10.4 7.4 11.2

80 11.2 7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.868 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BF130043.D

Acq: 29 Aug 2022 19:58

Instrument :

BNA_F

ClientSampleId :

MW-28

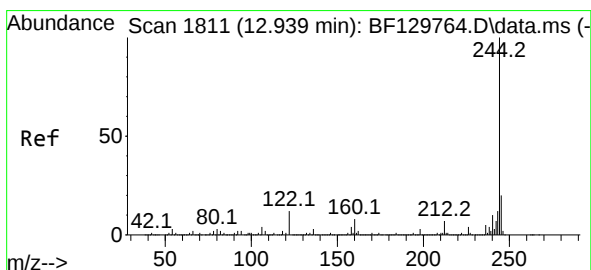
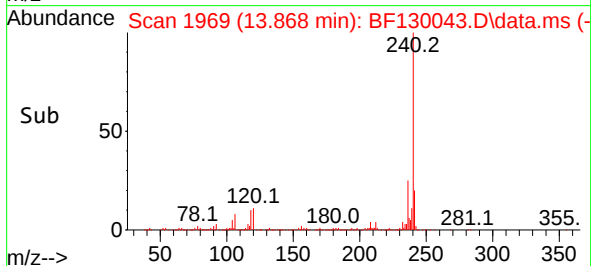
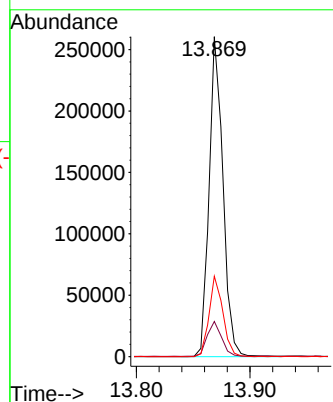
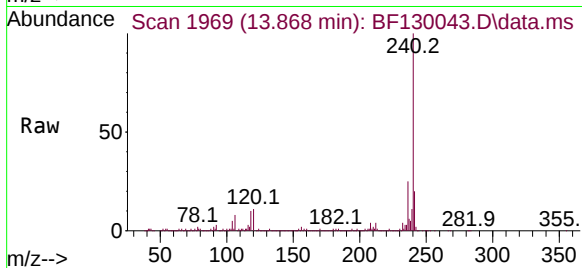
Tgt Ion:240 Resp: 221373

Ion Ratio Lower Upper

240 100

120 11.0 9.2 13.8

236 25.1 20.7 31.1



#79

Terphenyl-d14

Concen: 101.863 ng

RT: 12.810 min Scan# 1789

Delta R.T. 0.000 min

Lab File: BF130043.D

Acq: 29 Aug 2022 19:58

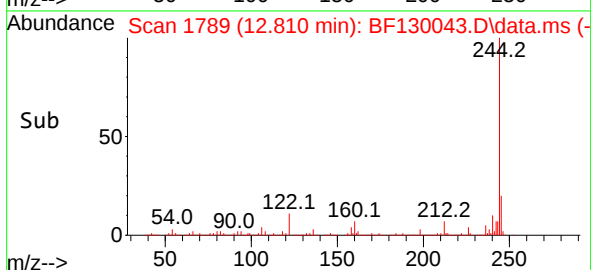
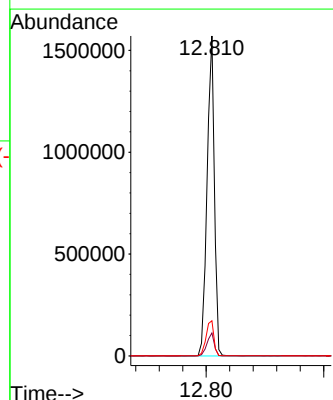
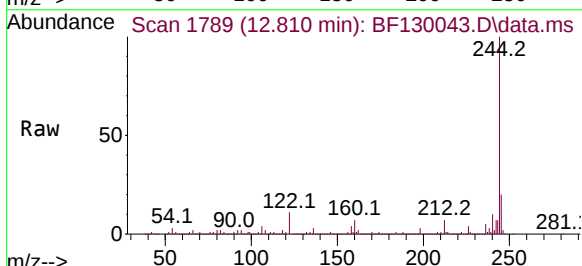
Tgt Ion:244 Resp: 1355203

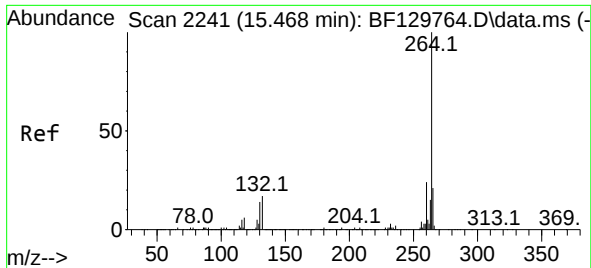
Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 11.0 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF130043.D
 Acq: 29 Aug 2022 19:58

Instrument :
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Tgt Ion:264 Resp: 249433
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.1 28.7
 265 20.9 16.7 25.1

