

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082922\
 Data File : BF130044.D
 Acq On : 29 Aug 2022 20:32
 Operator : CG\JU
 Sample : N4355-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-44

Quant Time: Aug 30 01:31:54 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)

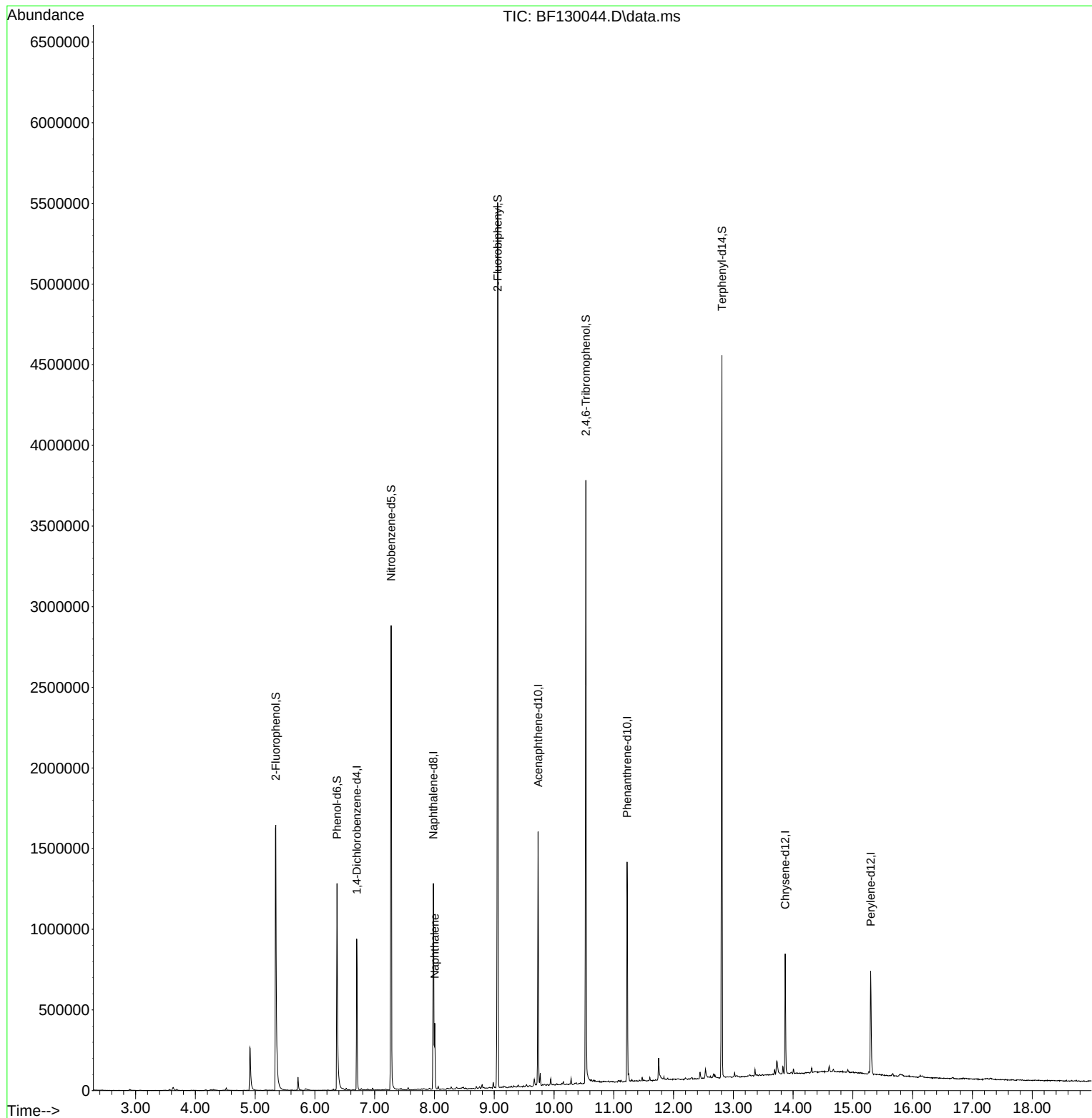
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	134125	20.000	ng	0.00
21) Naphthalene-d8	7.980	136	541447	20.000	ng	0.00
39) Acenaphthene-d10	9.733	164	287353	20.000	ng	0.00
64) Phenanthrene-d10	11.221	188	468710	20.000	ng	0.00
76) Chrysene-d12	13.868	240	235788	20.000	ng	0.00
86) Perylene-d12	15.298	264	267353	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	574142	70.875	ng	0.01
7) Phenol-d6	6.369	99	454597	44.812	ng	0.00
23) Nitrobenzene-d5	7.275	82	990915	97.970	ng	0.00
42) 2,4,6-Tribromophenol	10.533	330	433816	150.421	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	1808398	95.583	ng	0.00
79) Terphenyl-d14	12.810	244	1415554	99.894	ng	0.00
Target Compounds						
31) Naphthalene	8.004	128	177176	6.258	ng	Qvalue 99

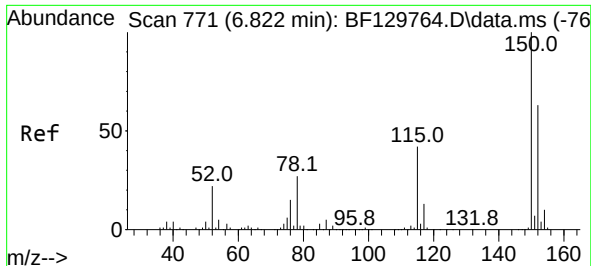
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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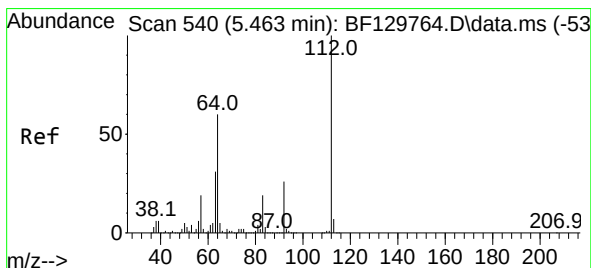
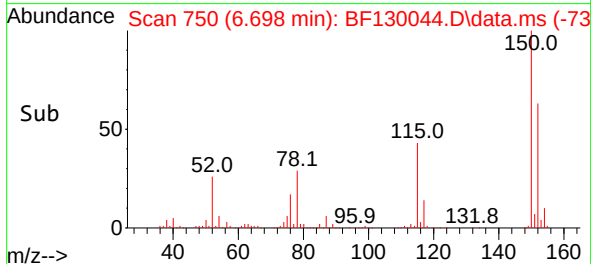
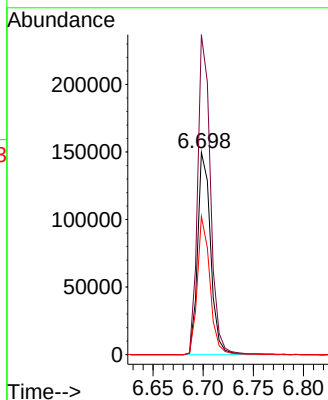
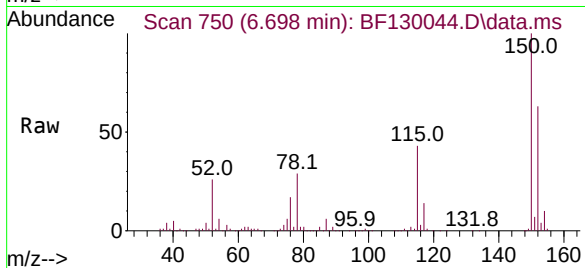




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.698 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130044.D
Acq: 29 Aug 2022 20:32

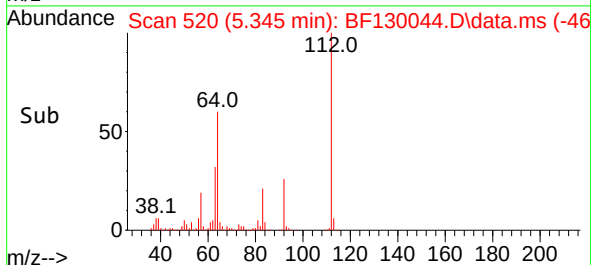
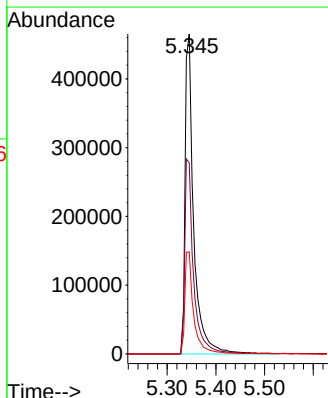
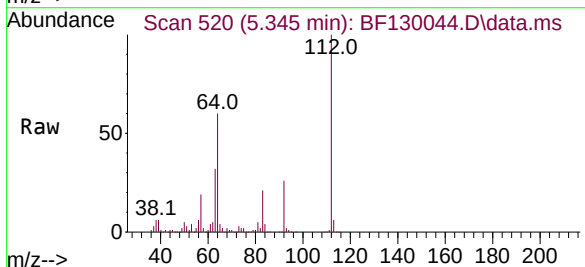
Instrument :
BNA_F
ClientSampleId :
MW-44

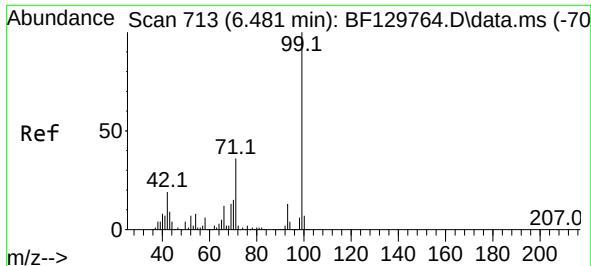
Tgt Ion:152 Resp: 134125
Ion Ratio Lower Upper
152 100
150 158.3 126.9 190.3
115 68.4 53.4 80.0



#5
2-Fluorophenol
Concen: 70.875 ng
RT: 5.345 min Scan# 520
Delta R.T. 0.012 min
Lab File: BF130044.D
Acq: 29 Aug 2022 20:32

Tgt Ion:112 Resp: 574142
Ion Ratio Lower Upper
112 100
64 59.7 47.6 71.4
63 31.9 24.6 37.0

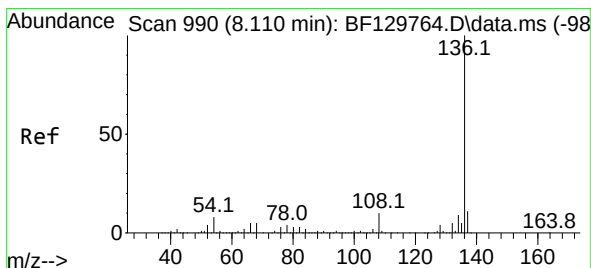
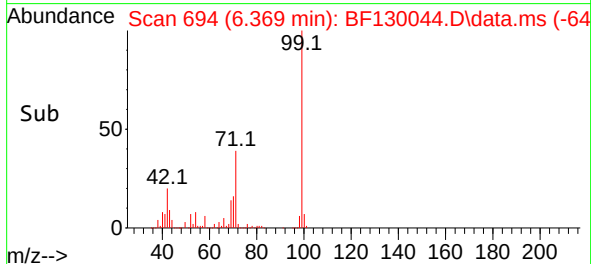
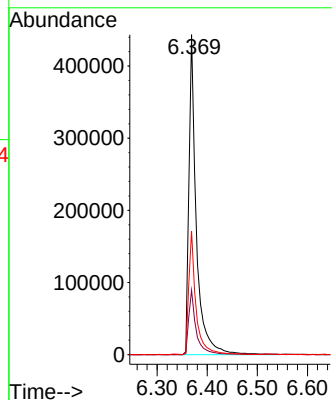
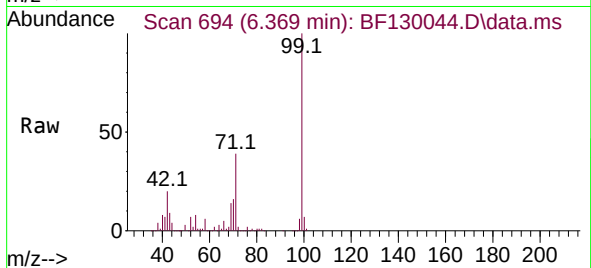




#7
Phenol-d6
Concen: 44.812 ng
RT: 6.369 min Scan# 694
Delta R.T. 0.000 min
Lab File: BF130044.D
Acq: 29 Aug 2022 20:32

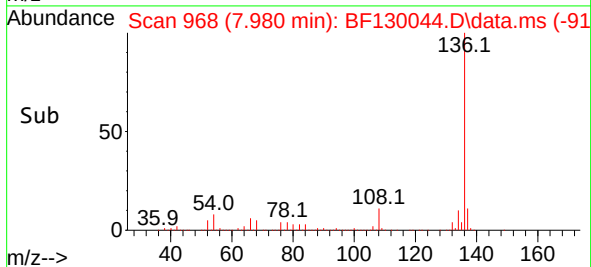
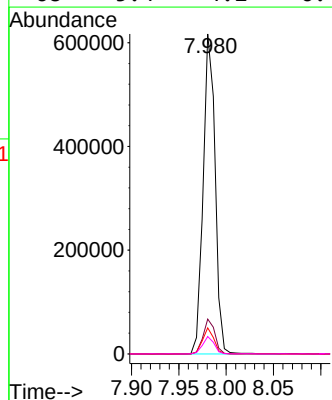
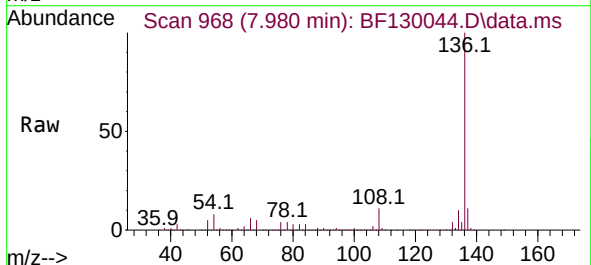
Instrument :
BNA_F
ClientSampleId :
MW-44

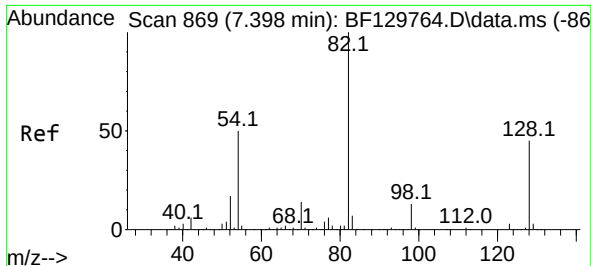
Tgt Ion: 99 Resp: 454597
Ion Ratio Lower Upper
99 100
42 20.1 15.0 22.4
71 38.7 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.980 min Scan# 968
Delta R.T. -0.006 min
Lab File: BF130044.D
Acq: 29 Aug 2022 20:32

Tgt Ion: 136 Resp: 541447
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.1 6.2 9.2
68 5.4 4.2 6.4





#23

Nitrobenzene-d5

Concen: 97.970 ng

RT: 7.275 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF130044.D

Acq: 29 Aug 2022 20:32

Instrument :

BNA_F

ClientSampleId :

MW-44

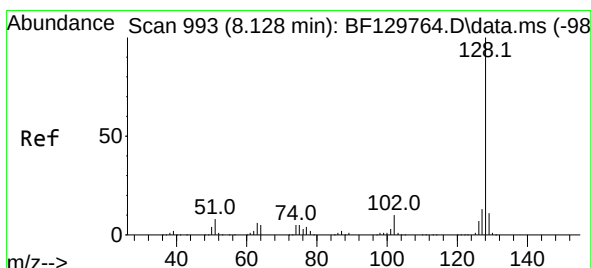
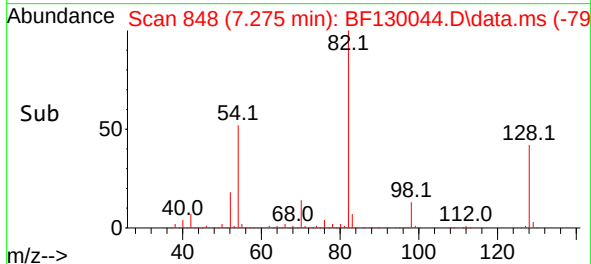
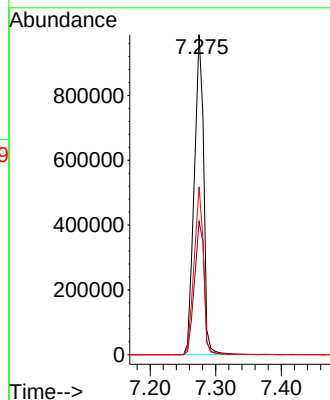
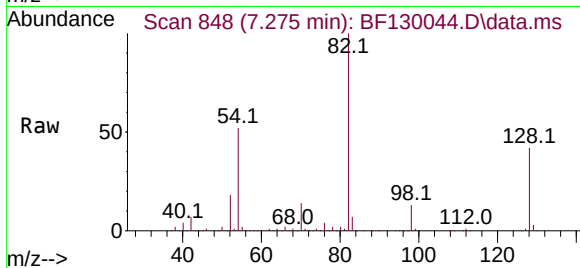
Tgt Ion: 82 Resp: 990915

Ion Ratio Lower Upper

82 100

128 41.6 36.1 54.1

54 52.4 40.0 60.0



#31

Naphthalene

Concen: 6.258 ng

RT: 8.004 min Scan# 972

Delta R.T. -0.006 min

Lab File: BF130044.D

Acq: 29 Aug 2022 20:32

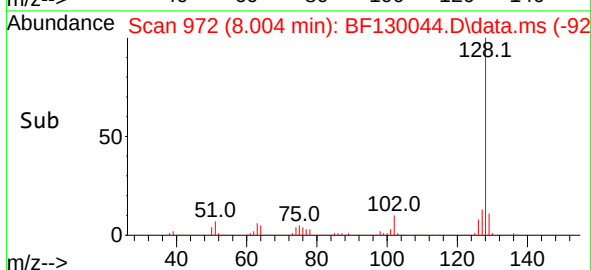
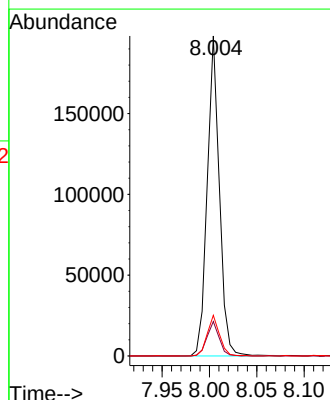
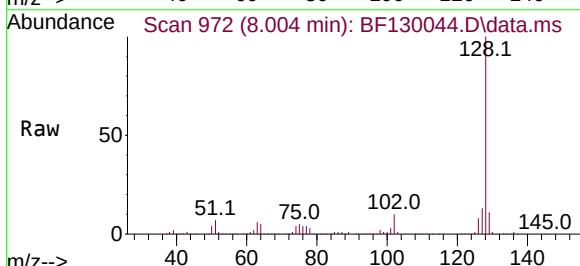
Tgt Ion: 128 Resp: 177176

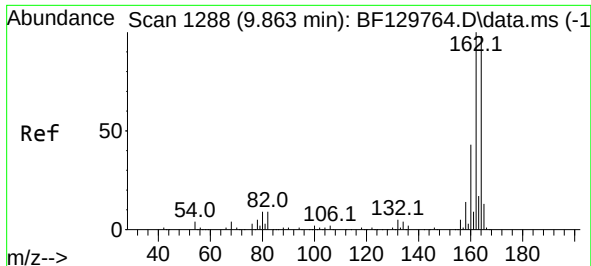
Ion Ratio Lower Upper

128 100

129 10.7 8.9 13.3

127 12.7 10.7 16.1

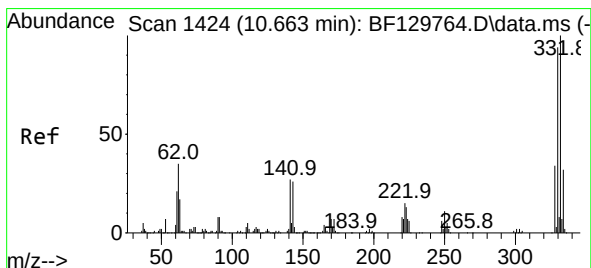
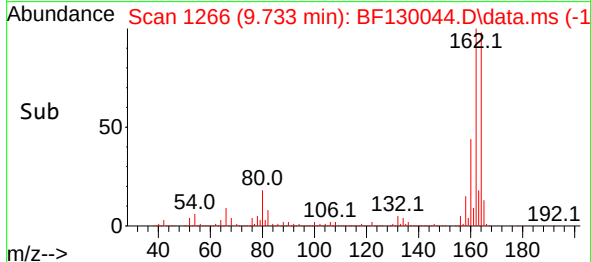
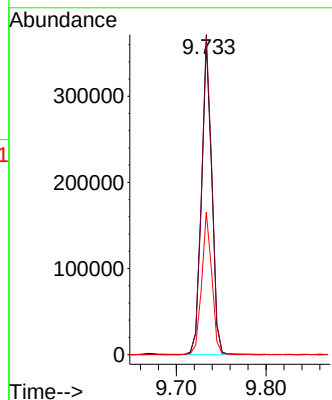
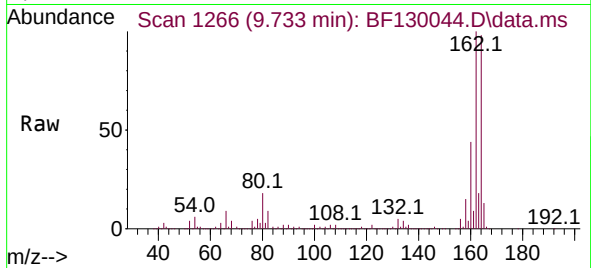




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130044.D
Acq: 29 Aug 2022 20:32

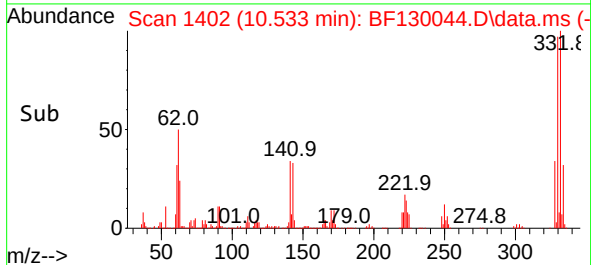
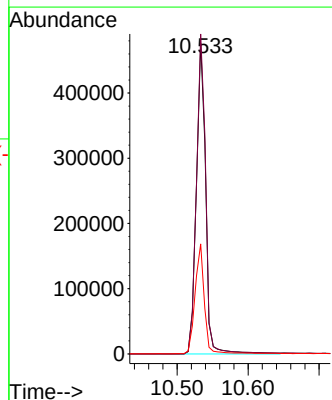
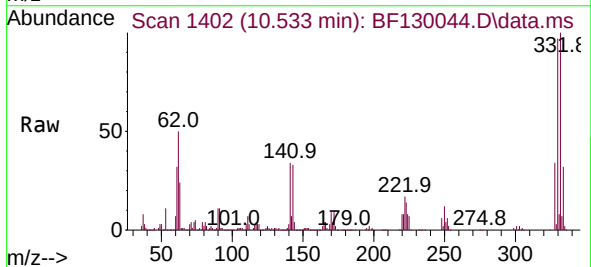
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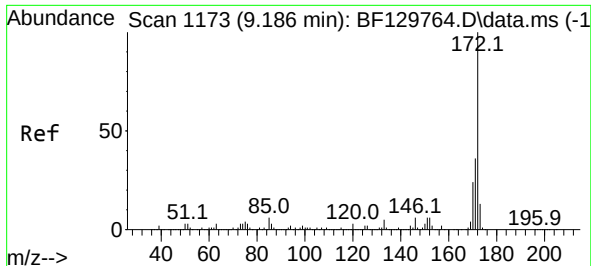
Tgt Ion:164 Resp: 287353
Ion Ratio Lower Upper
164 100
162 102.5 82.0 123.0
160 45.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 150.421 ng
RT: 10.533 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF130044.D
Acq: 29 Aug 2022 20:32

Tgt Ion:330 Resp: 433816
Ion Ratio Lower Upper
330 100
332 103.4 82.6 124.0
141 35.3 27.6 41.4

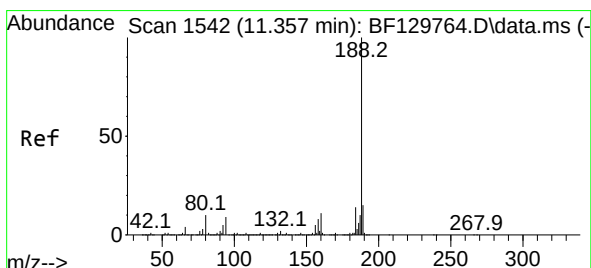
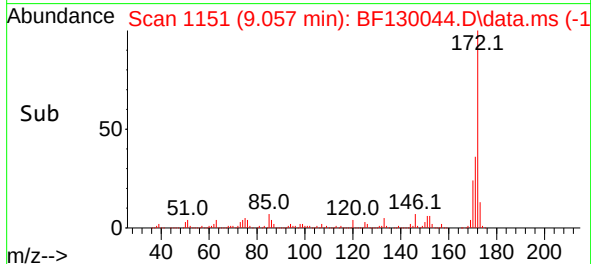
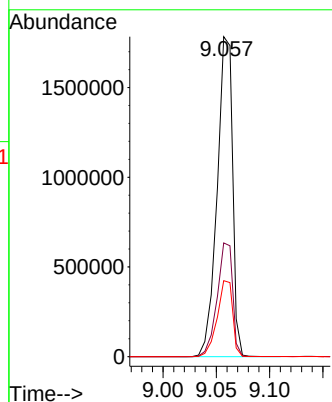
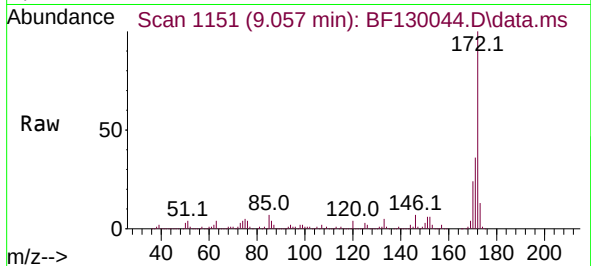




#45
2-Fluorobiphenyl
Concen: 95.583 ng
RT: 9.057 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF130044.D
Acq: 29 Aug 2022 20:32

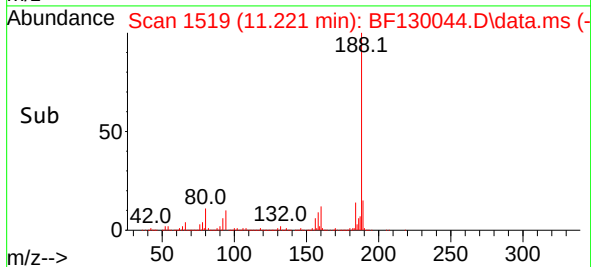
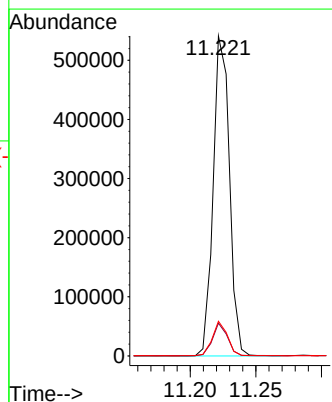
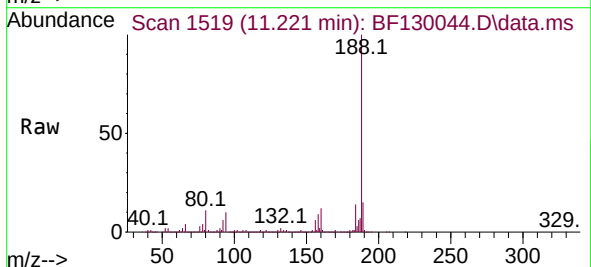
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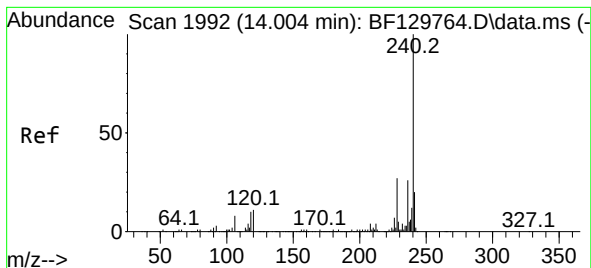
Tgt Ion:172 Resp: 1808398
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.7 19.1 28.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.221 min Scan# 1519
Delta R.T. -0.006 min
Lab File: BF130044.D
Acq: 29 Aug 2022 20:32

Tgt Ion:188 Resp: 468710
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.2
80 10.8 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: BF130044.D

Acq: 29 Aug 2022 20:32

Instrument :

BNA_F

ClientSampleId :

MW-44

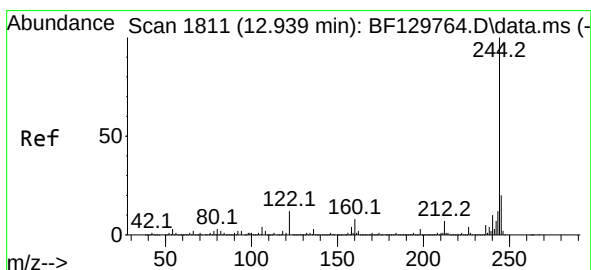
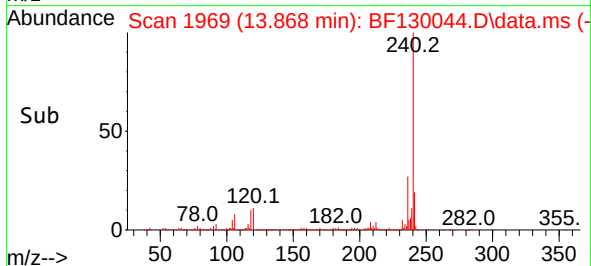
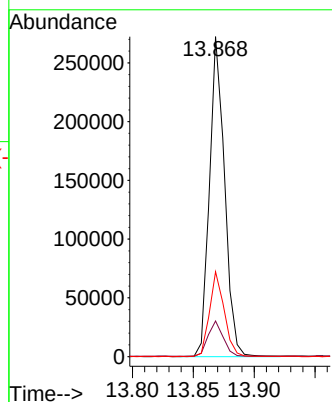
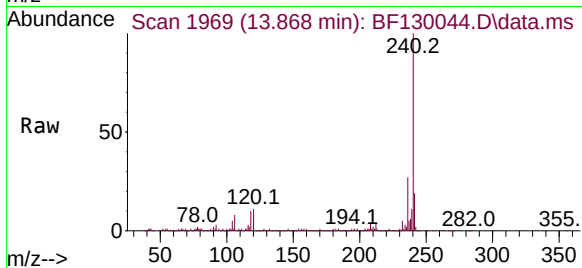
Tgt Ion:240 Resp: 235788

Ion Ratio Lower Upper

240 100

120 11.1 9.2 13.8

236 26.5 20.7 31.1



#79

Terphenyl-d14

Concen: 99.894 ng

RT: 12.810 min Scan# 1789

Delta R.T. 0.000 min

Lab File: BF130044.D

Acq: 29 Aug 2022 20:32

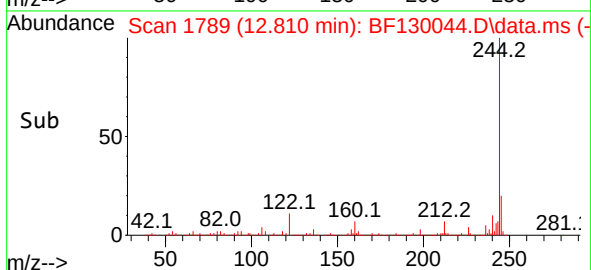
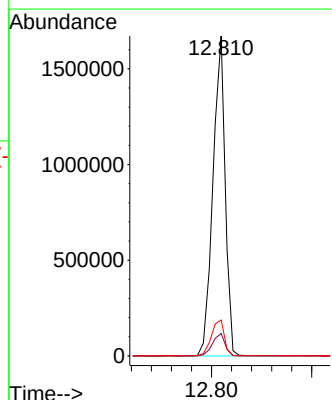
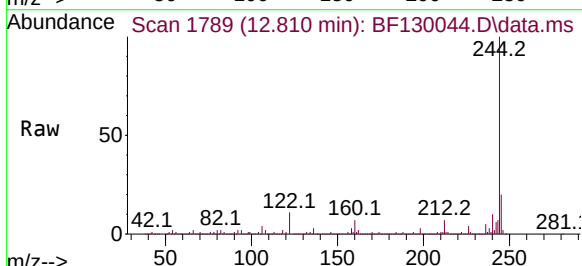
Tgt Ion:244 Resp: 1415554

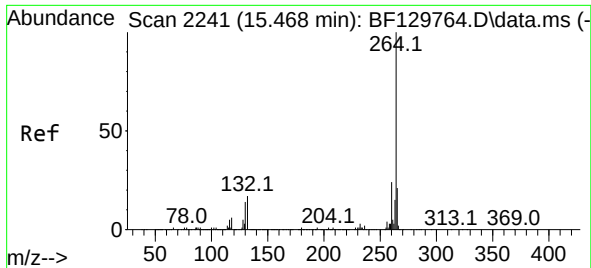
Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 11.2 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: BF130044.D
 Acq: 29 Aug 2022 20:32

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:264 Resp: 267353
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 21.7 16.7 25.1

