

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091422\
 Data File : BF130254.D
 Acq On : 14 Sep 2022 22:53
 Operator : CG\JU
 Sample : N4578-37
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-9

Quant Time: Sep 15 01:28:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 14:55:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	99908	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	394049	20.000	ng	0.00
39) Acenaphthene-d10	9.704	164	212839	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	358473	20.000	ng	0.00
76) Chrysene-d12	13.810	240	202116	20.000	ng	-0.01
86) Perylene-d12	15.204	264	155616	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	795538	138.110	ng	0.02
7) Phenol-d6	6.310	99	919667	127.602	ng	0.00
23) Nitrobenzene-d5	7.245	82	719485	93.281	ng	0.00
42) 2,4,6-Tribromophenol	10.492	330	341712	167.555	ng	0.00
45) 2-Fluorobiphenyl	9.034	172	1314538	89.937	ng	0.00
79) Terphenyl-d14	12.775	244	1380965	113.180	ng	0.00

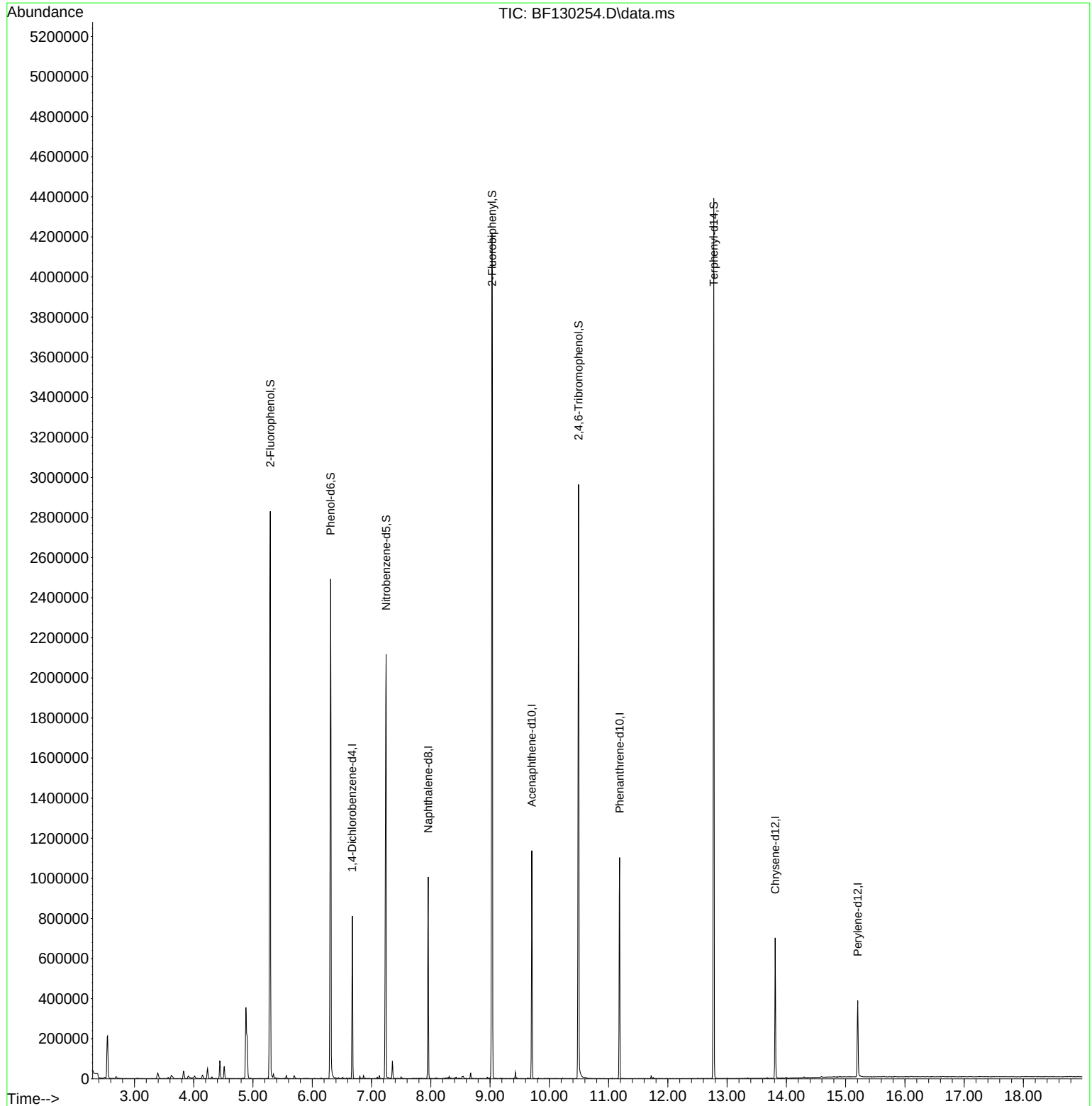
Target Compounds Qvalue

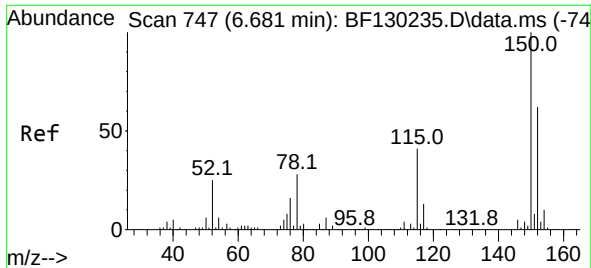
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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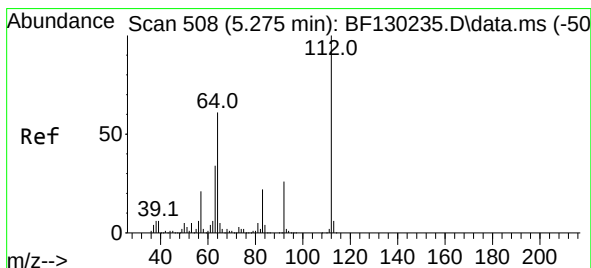
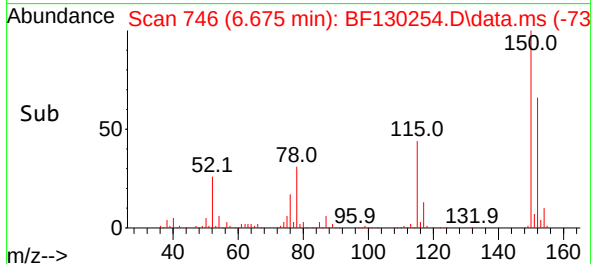
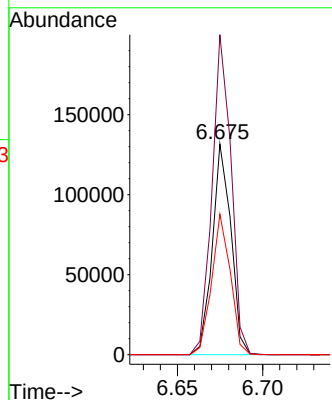
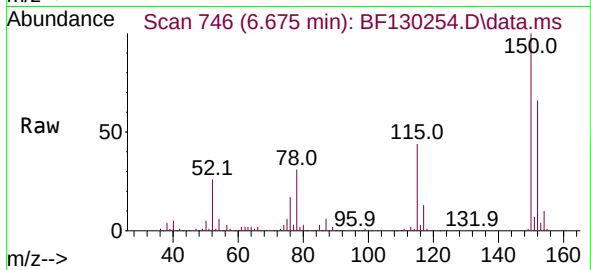




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.675 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130254.D
 Acq: 14 Sep 2022 22:53

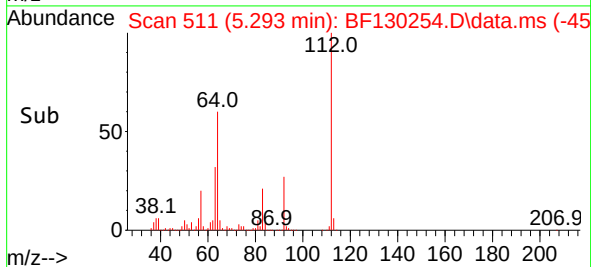
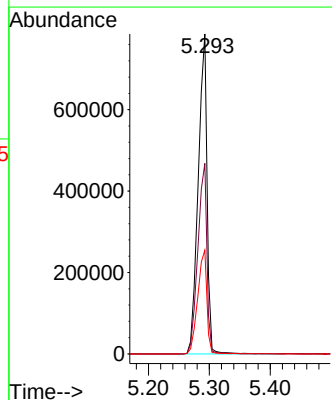
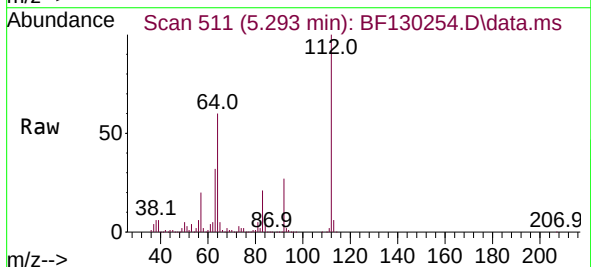
Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-9

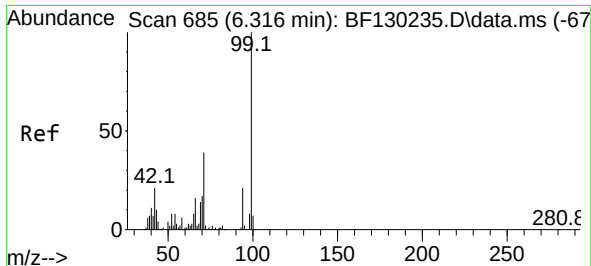
Tgt Ion:152 Resp: 99908
 Ion Ratio Lower Upper
 152 100
 150 151.9 122.8 184.2
 115 66.7 53.8 80.8



#5
 2-Fluorophenol
 Concen: 138.110 ng
 RT: 5.293 min Scan# 511
 Delta R.T. 0.018 min
 Lab File: BF130254.D
 Acq: 14 Sep 2022 22:53

Tgt Ion:112 Resp: 795538
 Ion Ratio Lower Upper
 112 100
 64 59.5 51.4 77.0
 63 32.4 28.8 43.2

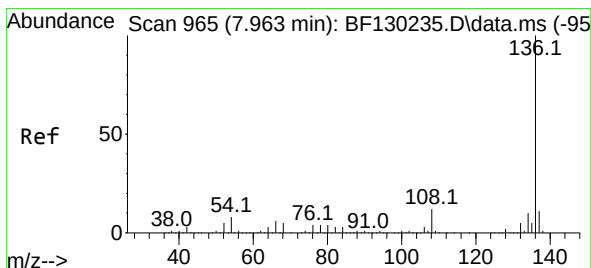
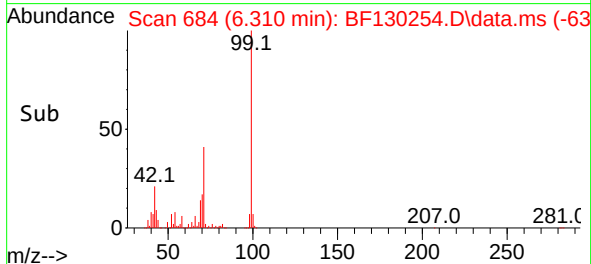
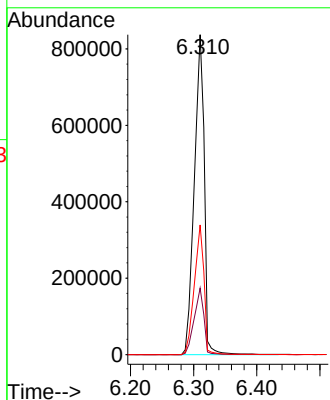
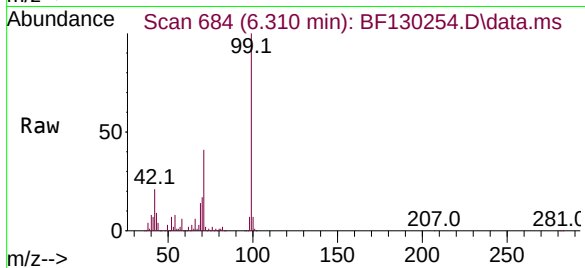




#7
Phenol-d6
Concen: 127.602 ng
RT: 6.310 min Scan# 684
Delta R.T. -0.006 min
Lab File: BF130254.D
Acq: 14 Sep 2022 22:53

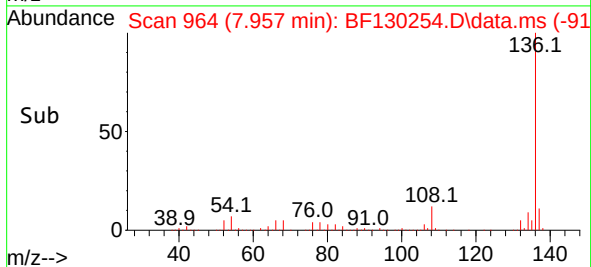
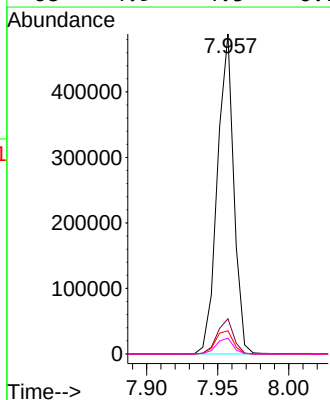
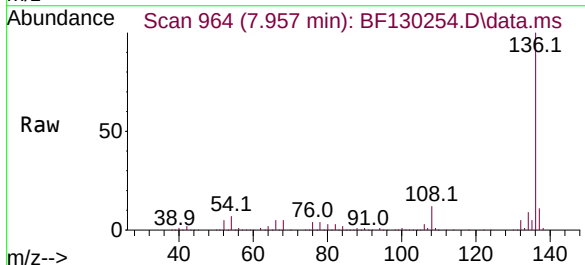
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-9

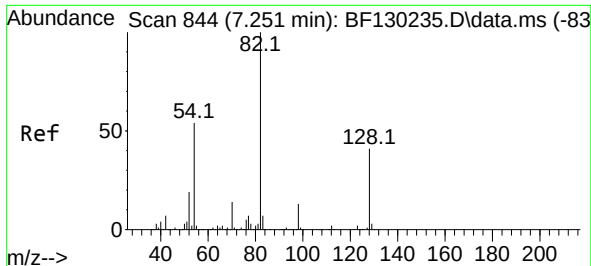
Tgt Ion: 99 Resp: 919667
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.6
71 40.5 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF130254.D
Acq: 14 Sep 2022 22:53

Tgt Ion: 136 Resp: 394049
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.2 7.1 10.7
68 4.9 4.5 6.7





#23

Nitrobenzene-d5

Concen: 93.281 ng

RT: 7.245 min Scan# 844

Delta R.T. -0.006 min

Lab File: BF130254.D

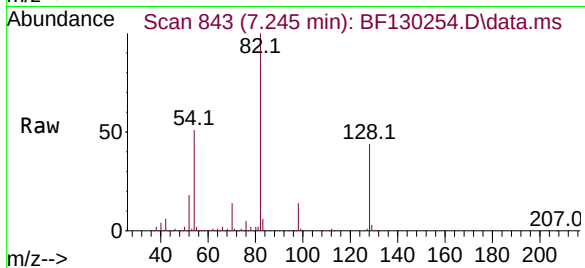
Acq: 14 Sep 2022 22:53

Instrument :

BNA_F

ClientSampleId :

CHERRY-HILL-COMP-9



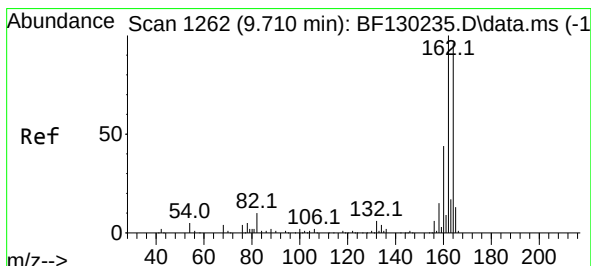
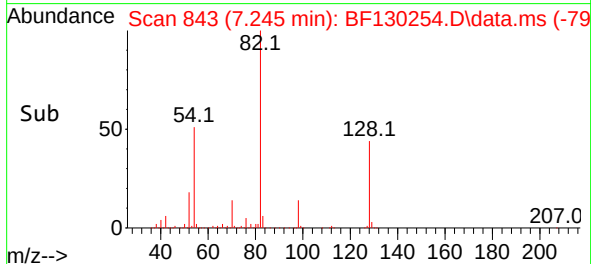
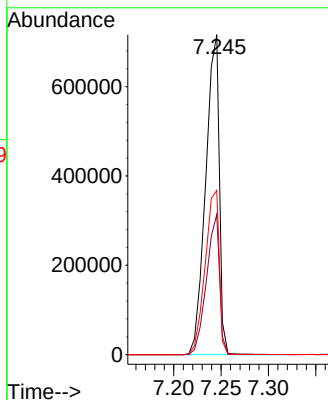
Tgt Ion: 82 Resp: 719485

Ion Ratio Lower Upper

82 100

128 43.8 32.6 49.0

54 51.3 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.704 min Scan# 1261

Delta R.T. -0.006 min

Lab File: BF130254.D

Acq: 14 Sep 2022 22:53

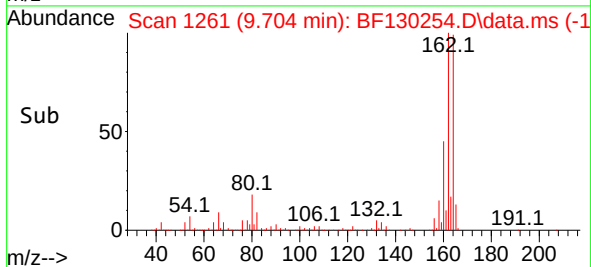
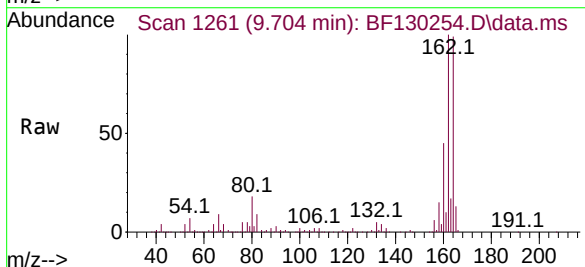
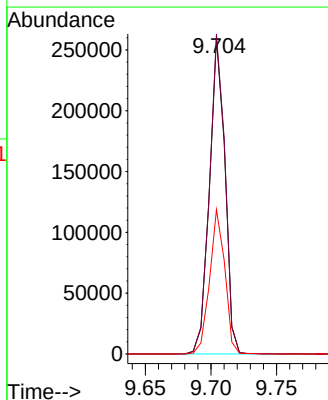
Tgt Ion: 164 Resp: 212839

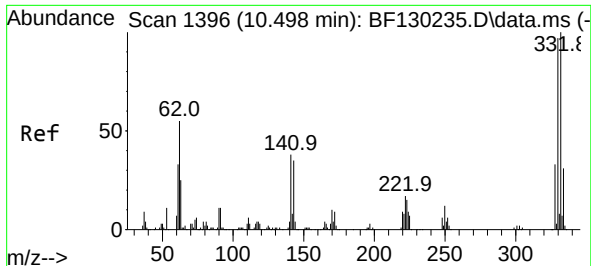
Ion Ratio Lower Upper

164 100

162 101.4 81.4 122.0

160 45.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 167.555 ng

RT: 10.492 min Scan# 1395

Delta R.T. -0.006 min

Lab File: BF130254.D

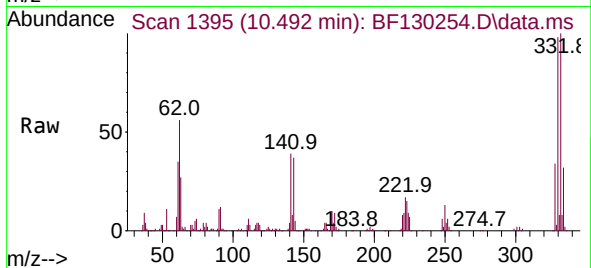
Acq: 14 Sep 2022 22:53

Instrument :

BNA_F

ClientSampleId :

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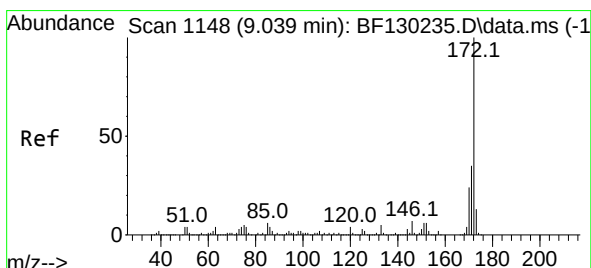
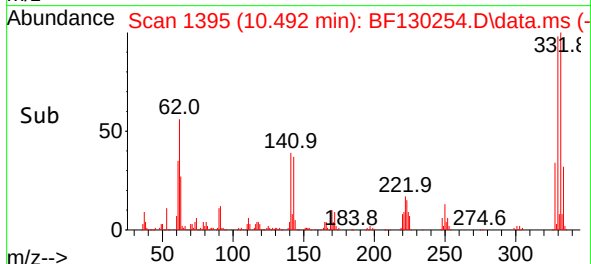
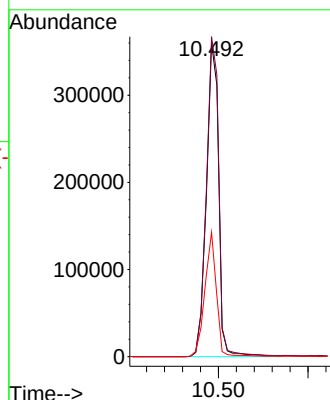
Tgt Ion:330 Resp: 341712

Ion Ratio Lower Upper

330 100

332 103.6 83.4 125.2

141 37.4 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 89.937 ng

RT: 9.034 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF130254.D

Acq: 14 Sep 2022 22:53

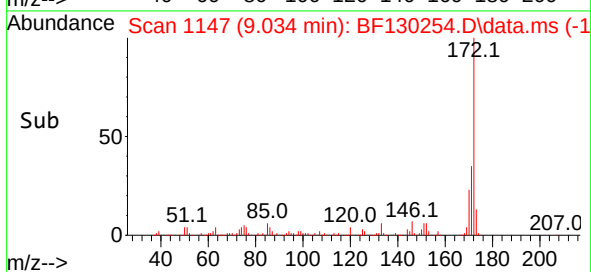
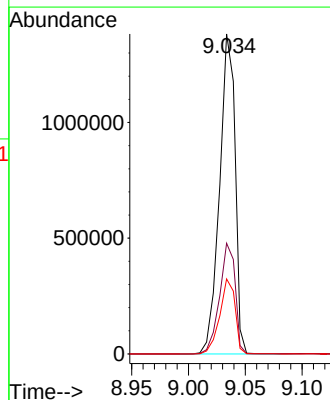
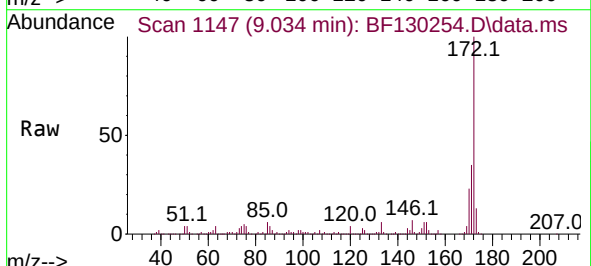
Tgt Ion:172 Resp: 1314538

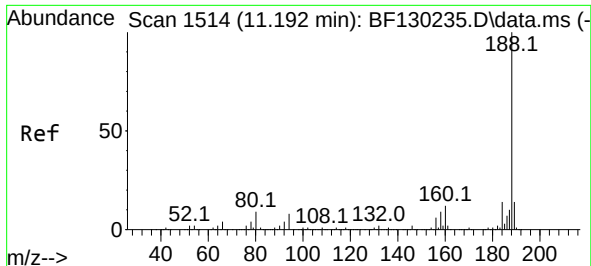
Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.4 18.7 28.1

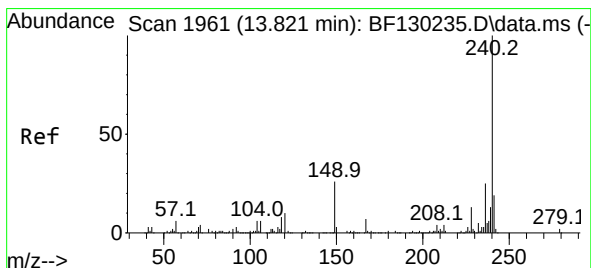
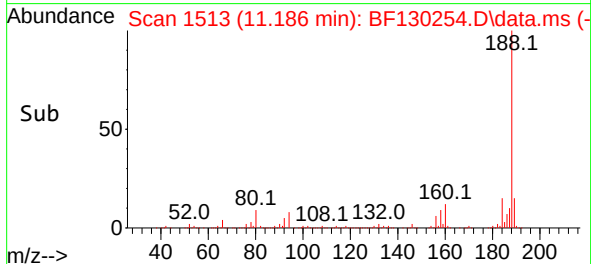
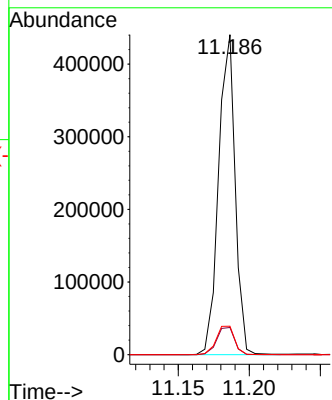
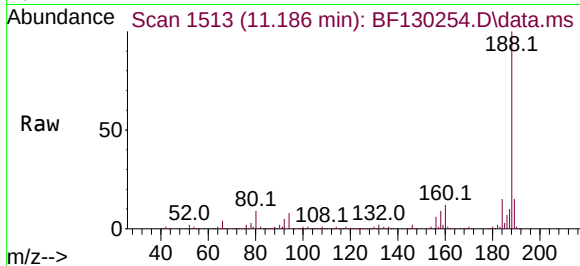




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.186 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130254.D
Acq: 14 Sep 2022 22:53

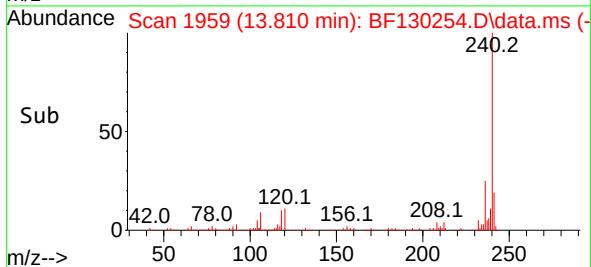
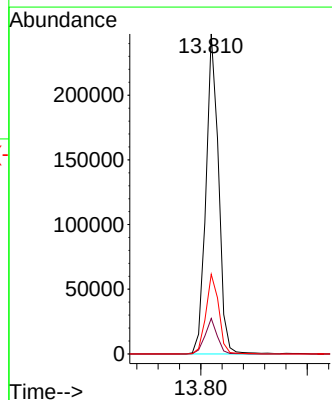
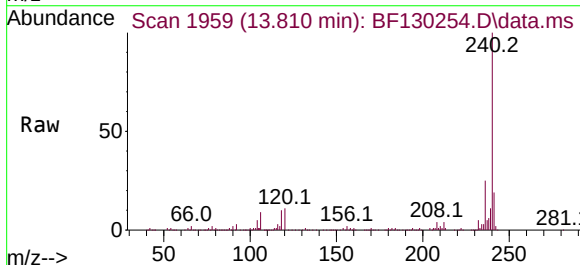
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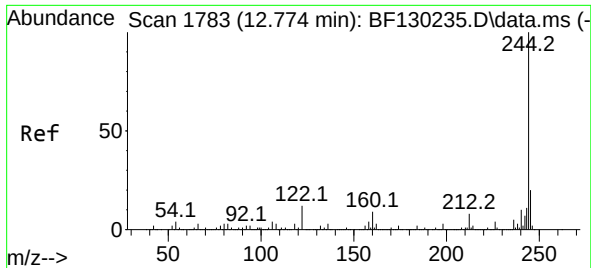
Tgt Ion:188 Resp: 358473
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 8.9 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.810 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BF130254.D
Acq: 14 Sep 2022 22:53

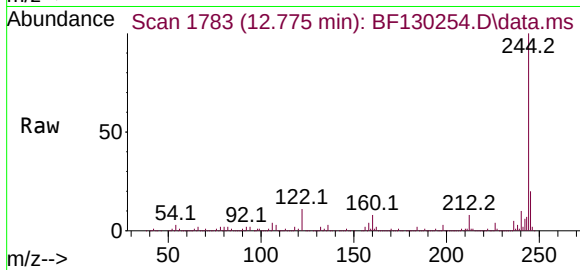
Tgt Ion:240 Resp: 202116
Ion Ratio Lower Upper
240 100
120 11.1 8.7 13.1
236 24.9 20.9 31.3





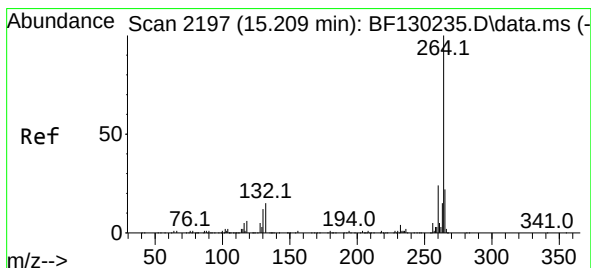
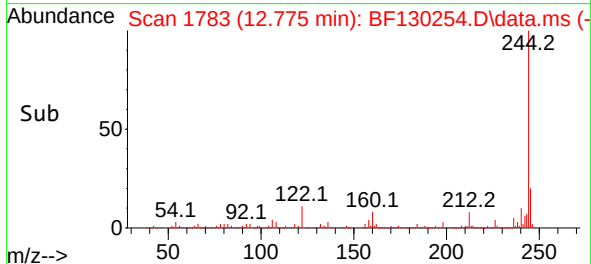
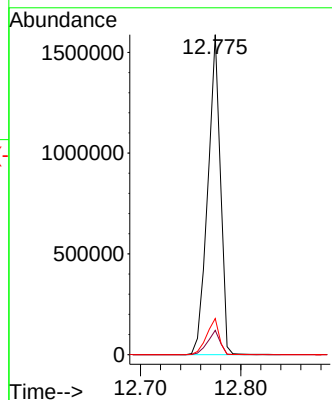
#79
 Terphenyl-d14
 Concen: 113.180 ng
 RT: 12.775 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130254.D
 Acq: 14 Sep 2022 22:53

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 1380965

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	11.3	8.5	12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.204 min Scan# 2196
 Delta R.T. -0.006 min
 Lab File: BF130254.D
 Acq: 14 Sep 2022 22:53

Tgt Ion:264 Resp: 155616

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.3	28.9
265	20.9	17.0	25.4

