

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092122\
 Data File : BF130366.D
 Acq On : 21 Sep 2022 17:40
 Operator : CG\JU
 Sample : N4723-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP

Quant Time: Sep 22 05:57:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	118189	20.000	ng	0.00
21) Naphthalene-d8	7.940	136	453108	20.000	ng	# 0.00
39) Acenaphthene-d10	9.686	164	222651	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	309569	20.000	ng	0.00
76) Chrysene-d12	13.798	240	222538	20.000	ng	0.00
86) Perylene-d12	15.192	264	241953	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	760980	111.676	ng	0.00
7) Phenol-d6	6.298	99	938867	110.117	ng	0.00
23) Nitrobenzene-d5	7.222	82	594956	67.082	ng	-0.01
42) 2,4,6-Tribromophenol	10.475	330	213143	99.907	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	1081020	70.701	ng	0.00
79) Terphenyl-d14	12.757	244	766811	57.079	ng	0.00

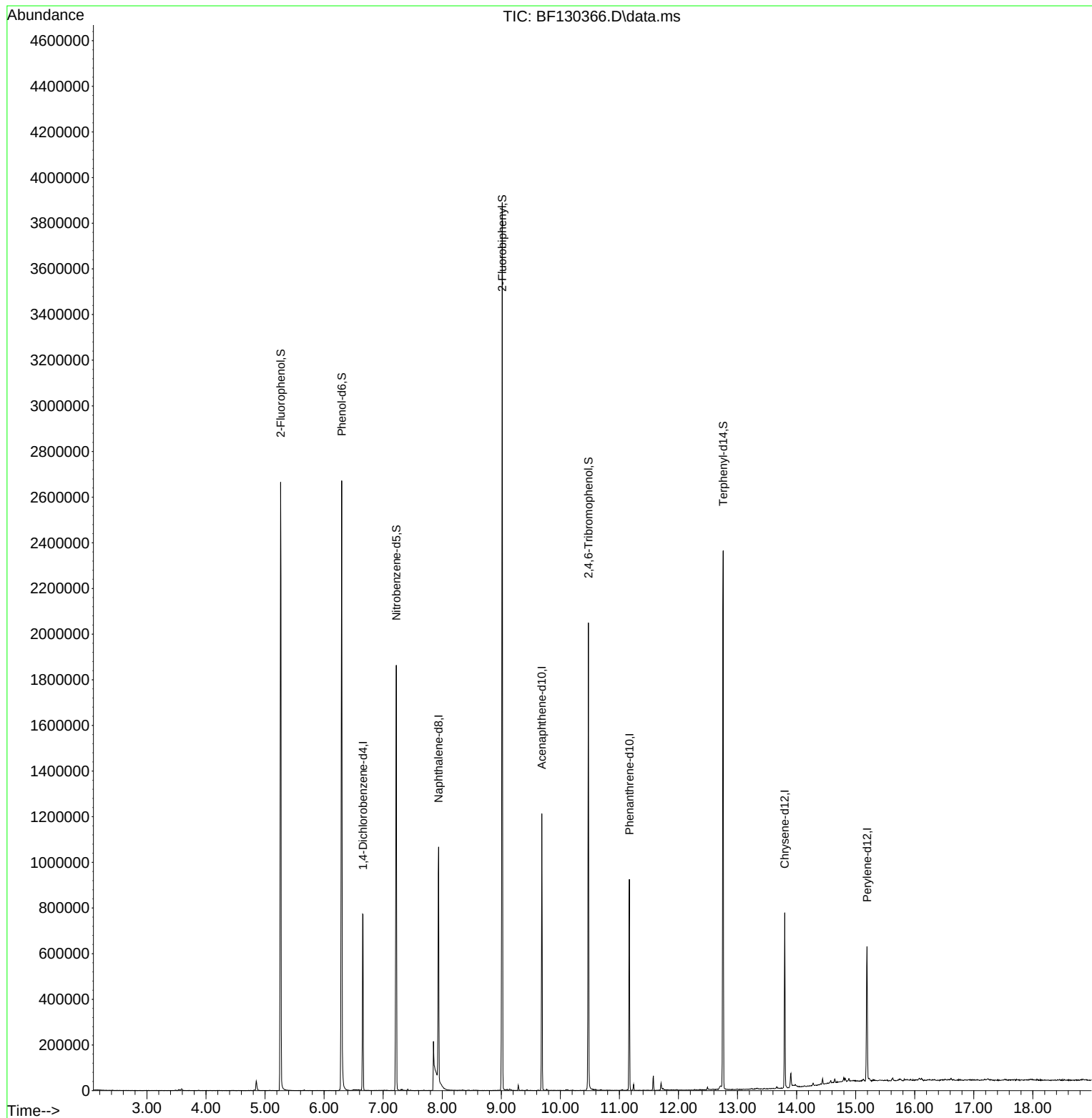
Target Compounds	Qvalue

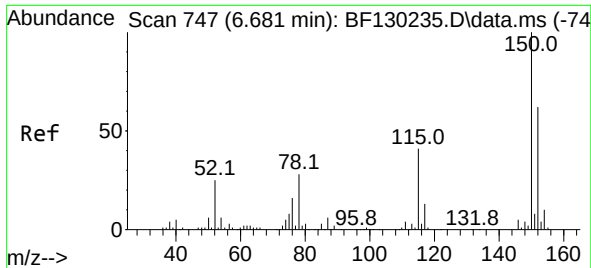
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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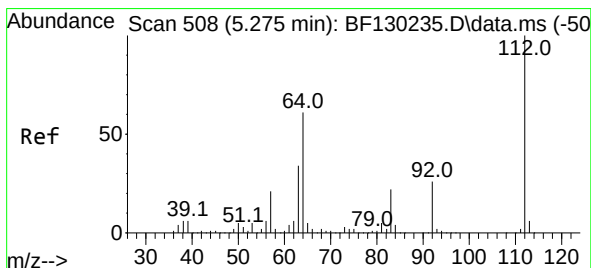
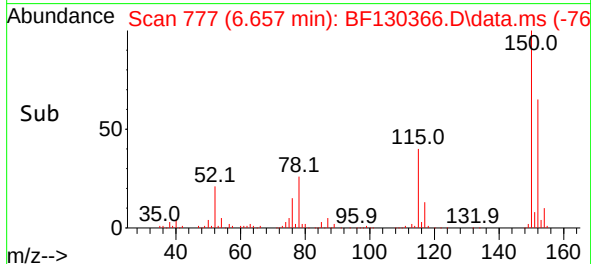
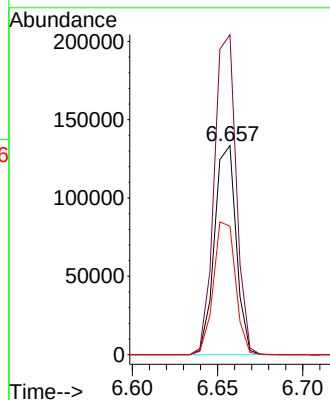
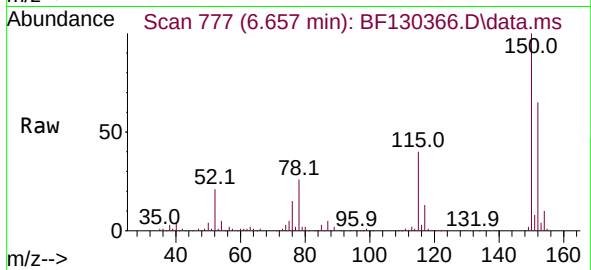




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130366.D
Acq: 21 Sep 2022 17:40

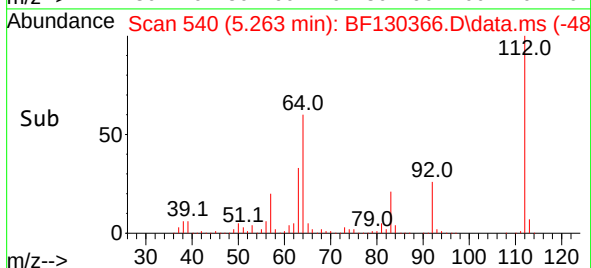
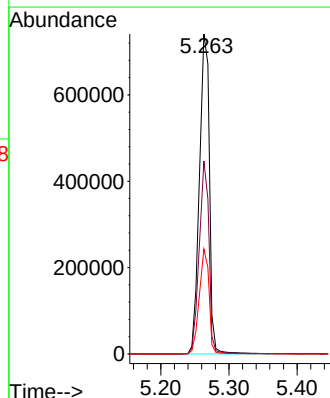
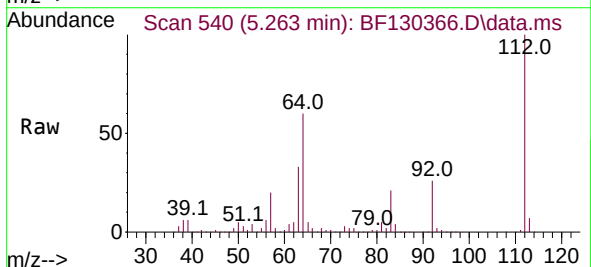
Instrument :
BNA_F
ClientSampleId :
SB-12-COMP

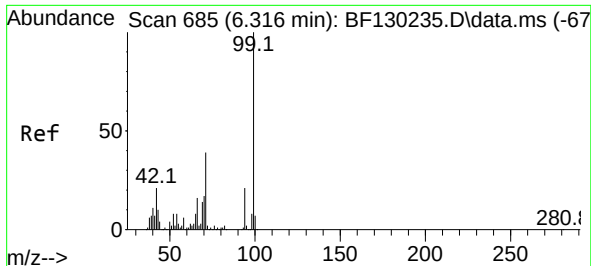
Tgt Ion:152 Resp: 118189
Ion Ratio Lower Upper
152 100
150 153.1 122.8 184.2
115 61.4 53.8 80.8



#5
2-Fluorophenol
Concen: 111.676 ng
RT: 5.263 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF130366.D
Acq: 21 Sep 2022 17:40

Tgt Ion:112 Resp: 760980
Ion Ratio Lower Upper
112 100
64 60.3 51.4 77.0
63 32.8 28.8 43.2

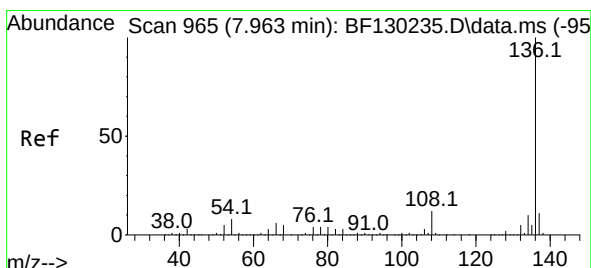
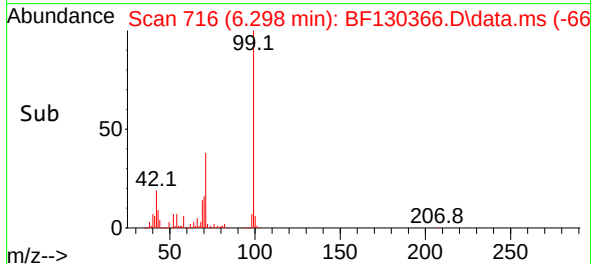
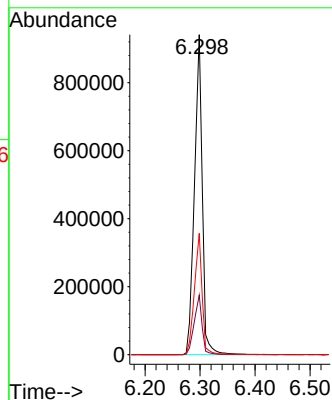
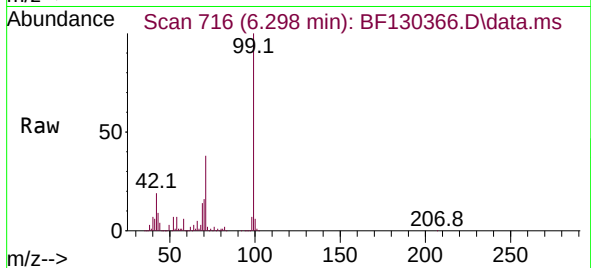




#7
Phenol-d6
Concen: 110.117 ng
RT: 6.298 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130366.D
Acq: 21 Sep 2022 17:40

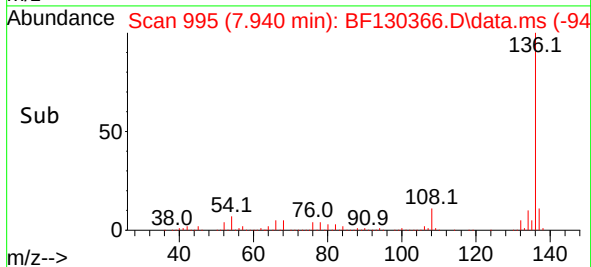
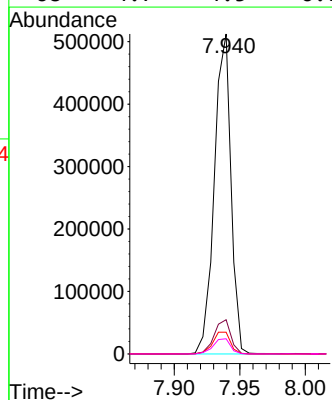
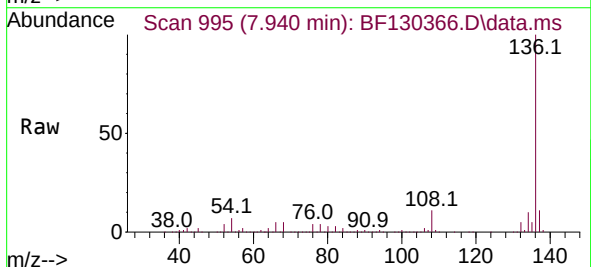
Instrument :
BNA_F
ClientSampleId :
SB-12-COMP

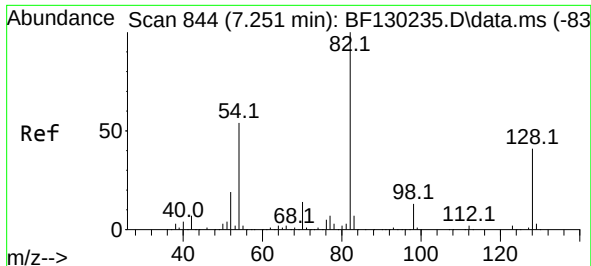
Tgt Ion: 99 Resp: 938867
Ion Ratio Lower Upper
99 100
42 18.6 17.0 25.6
71 37.9 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.940 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF130366.D
Acq: 21 Sep 2022 17:40

Tgt Ion: 136 Resp: 453108
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 6.8 7.1 10.7#
68 4.7 4.5 6.7





#23

Nitrobenzene-d5

Concen: 67.082 ng

RT: 7.222 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF130366.D

Acq: 21 Sep 2022 17:40

Instrument :

BNA_F

ClientSampleId :

SB-12-COMP

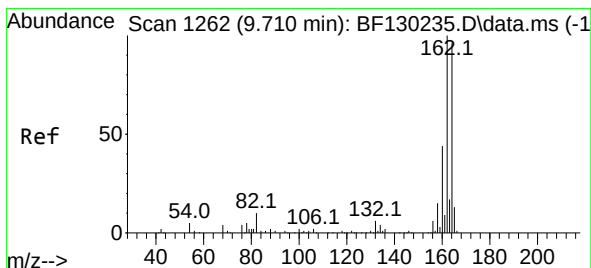
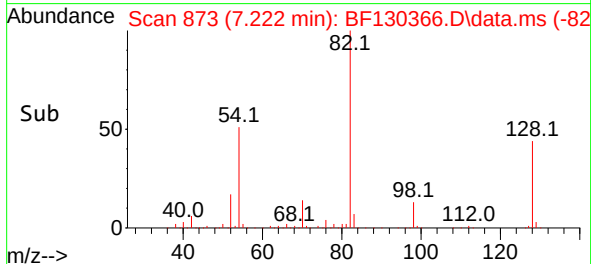
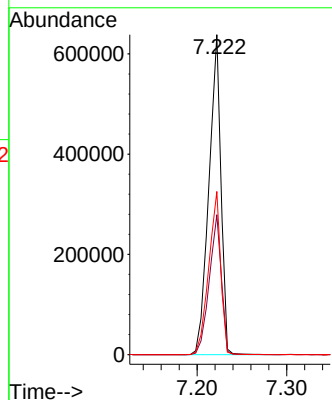
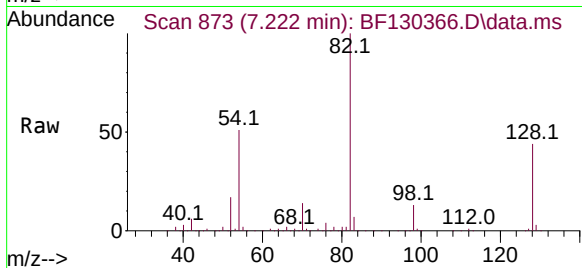
Tgt Ion: 82 Resp: 594956

Ion Ratio Lower Upper

82 100

128 43.7 32.6 49.0

54 51.0 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF130366.D

Acq: 21 Sep 2022 17:40

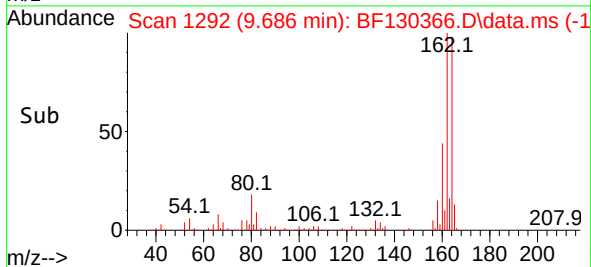
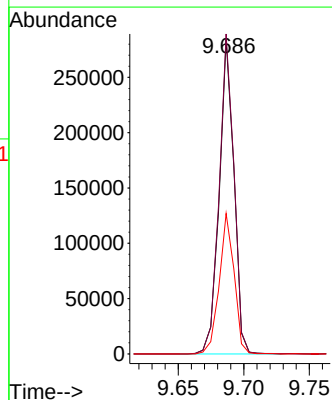
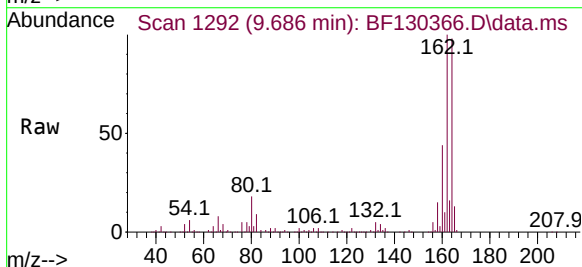
Tgt Ion:164 Resp: 222651

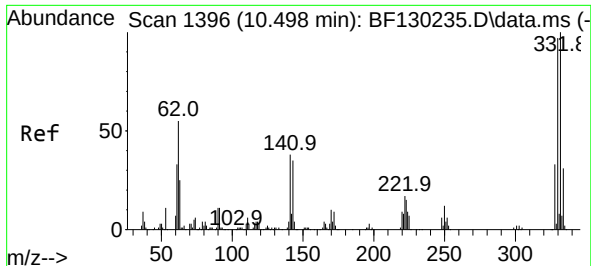
Ion Ratio Lower Upper

164 100

162 101.7 81.4 122.0

160 44.6 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 99.907 ng

RT: 10.475 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF130366.D

Acq: 21 Sep 2022 17:40

Instrument :

BNA_F

ClientSampleId :

SB-12-COMP

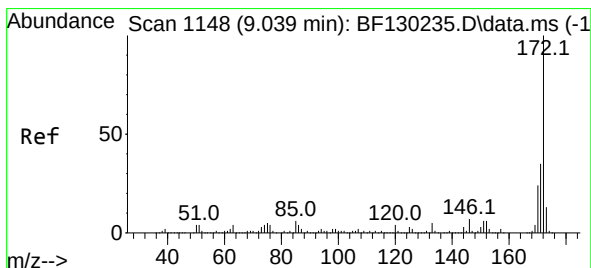
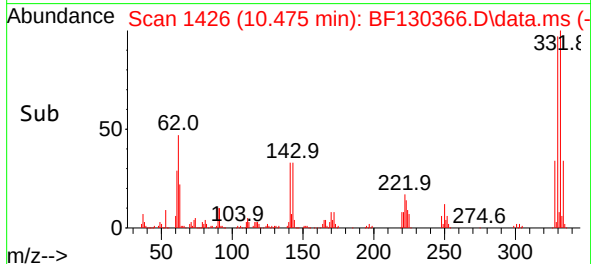
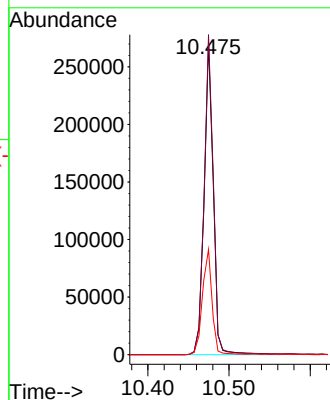
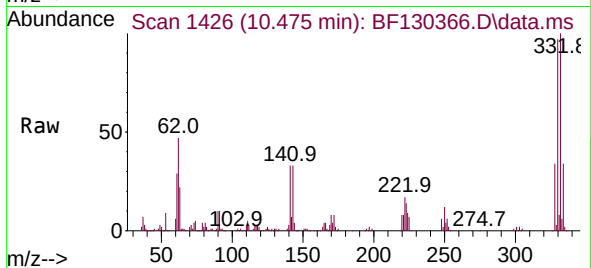
Tgt Ion:330 Resp: 213143

Ion Ratio Lower Upper

330 100

332 102.9 83.4 125.2

141 35.5 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 70.701 ng

RT: 9.016 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF130366.D

Acq: 21 Sep 2022 17:40

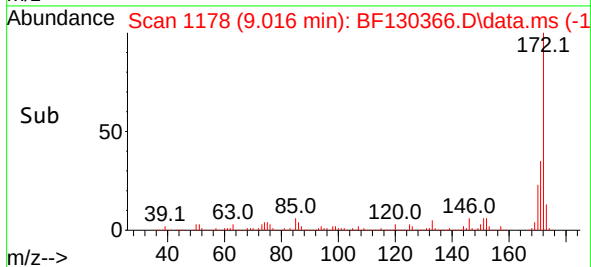
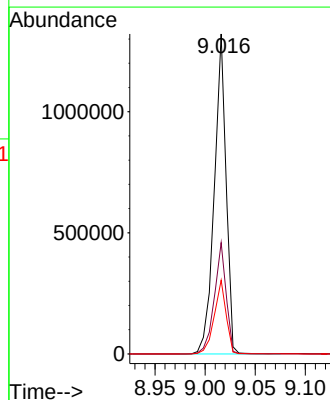
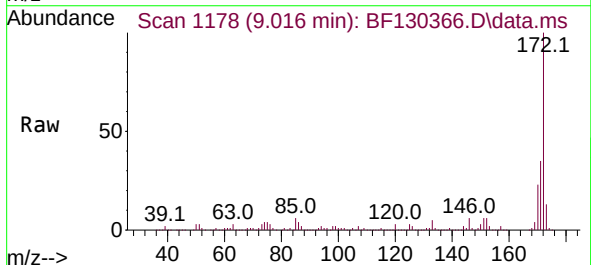
Tgt Ion:172 Resp: 1081020

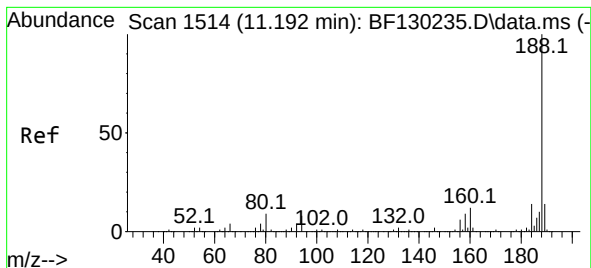
Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.0 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.169 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130366.D

Acq: 21 Sep 2022 17:40

Instrument :

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ClientSampleId :

SB-12-COMP

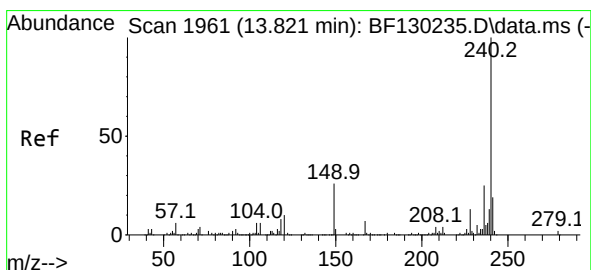
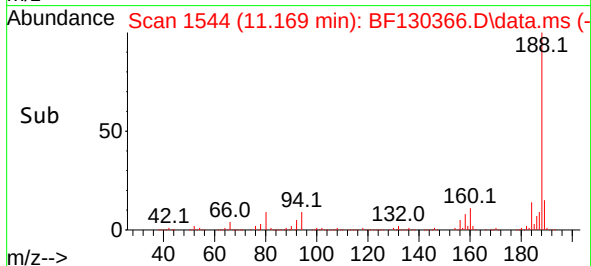
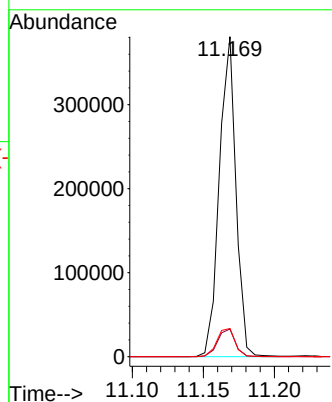
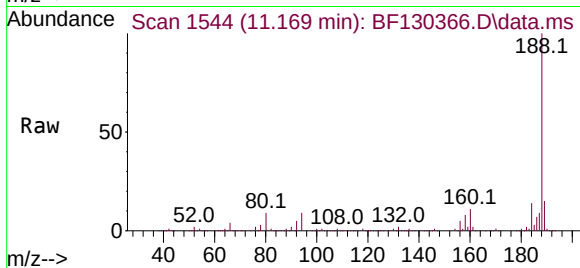
Tgt Ion:188 Resp: 309569

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

80 8.8 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.798 min Scan# 1991

Delta R.T. -0.006 min

Lab File: BF130366.D

Acq: 21 Sep 2022 17:40

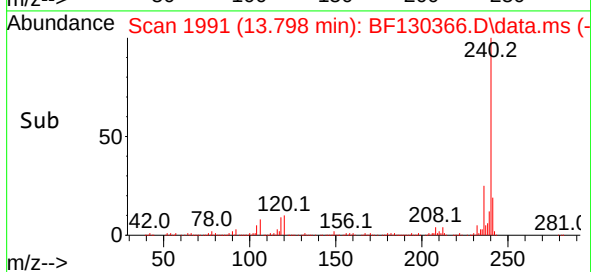
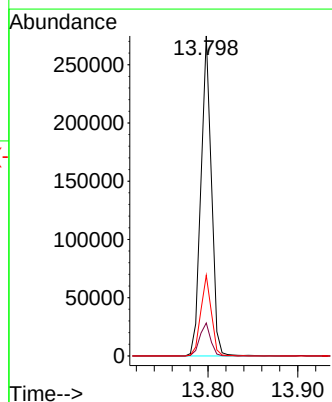
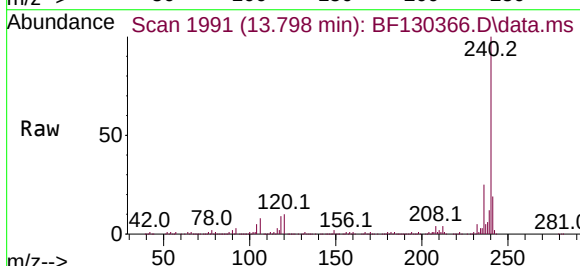
Tgt Ion:240 Resp: 222538

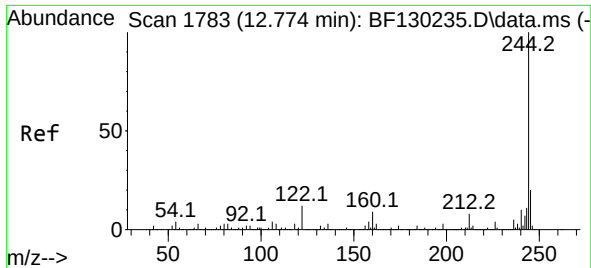
Ion Ratio Lower Upper

240 100

120 10.3 8.7 13.1

236 25.2 20.9 31.3

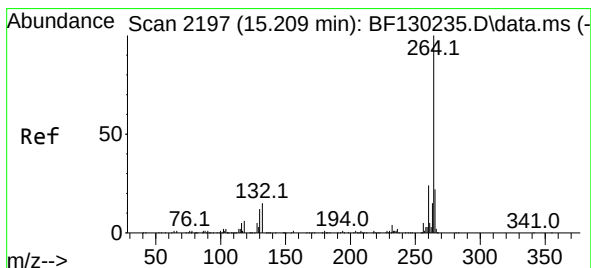
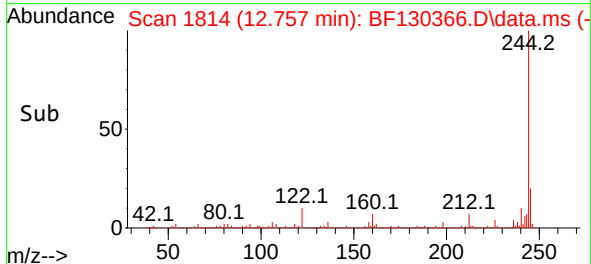
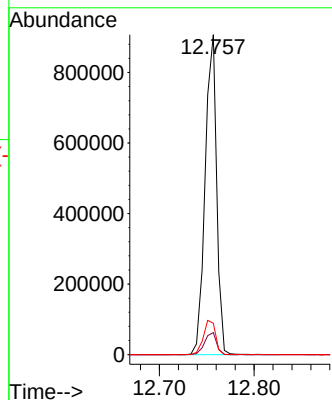
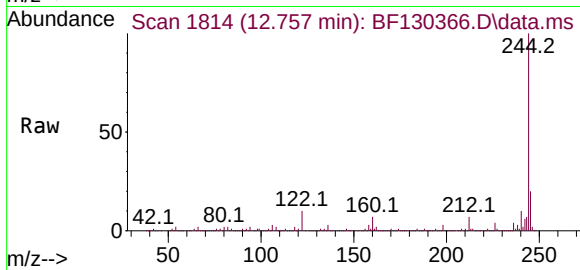




#79
 Terphenyl-d14
 Concen: 57.079 ng
 RT: 12.757 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: BF130366.D
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 ClientSampleId :
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Tgt Ion:244 Resp: 766811
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 9.9 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.192 min Scan# 2228
 Delta R.T. 0.006 min
 Lab File: BF130366.D
 Acq: 21 Sep 2022 17:40

Tgt Ion:264 Resp: 241953
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.3 28.9
 265 21.9 17.0 25.4

