

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
 Data File : BF130468.D
 Acq On : 29 Sep 2022 15:49
 Operator : CG\JU
 Sample : N4860-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Quant Time: Sep 30 03:08:14 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 28 02:59:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.640	152	105649	20.000	ng	0.00
21) Naphthalene-d8	7.922	136	410043	20.000	ng	# 0.00
39) Acenaphthene-d10	9.669	164	211108	20.000	ng	-0.01
64) Phenanthrene-d10	11.151	188	331692	20.000	ng	0.00
76) Chrysene-d12	13.780	240	192298	20.000	ng	-0.01
86) Perylene-d12	15.168	264	170138	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	473283	77.700	ng	0.00
7) Phenol-d6	6.281	99	485454	63.696	ng	-0.01
23) Nitrobenzene-d5	7.210	82	727220	90.607	ng	0.00
42) 2,4,6-Tribromophenol	10.463	330	350749	173.396	ng	0.00
45) 2-Fluorobiphenyl	8.998	172	1429812	98.626	ng	-0.01
79) Terphenyl-d14	12.739	244	998539	86.016	ng	0.00

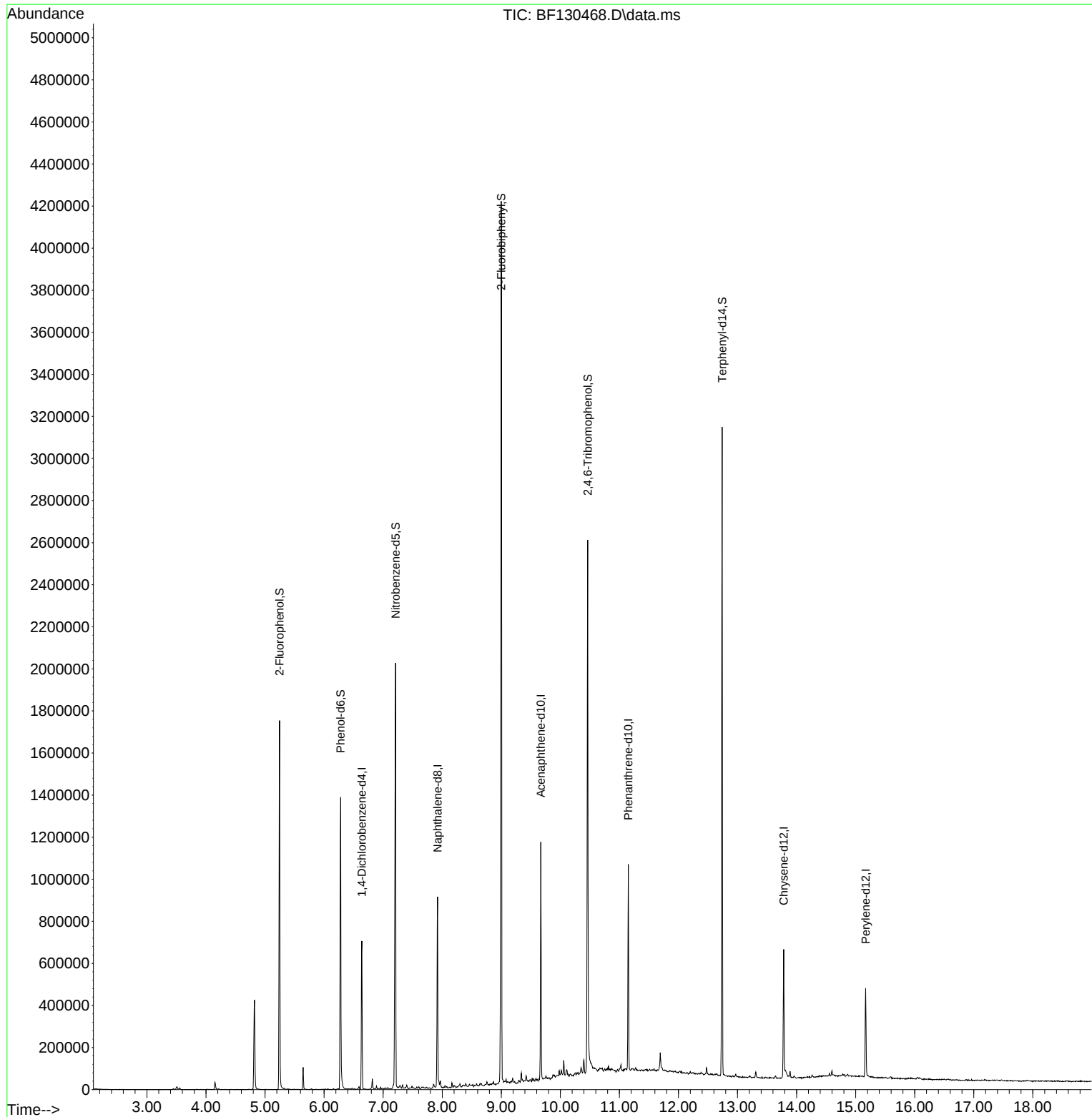
Target Compounds	Qvalue

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

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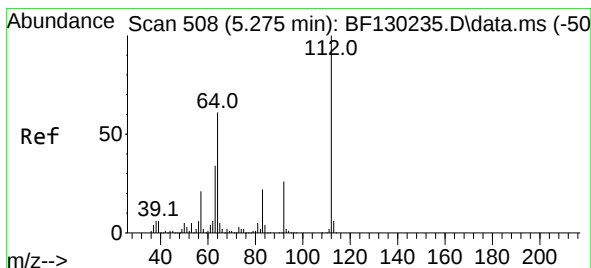
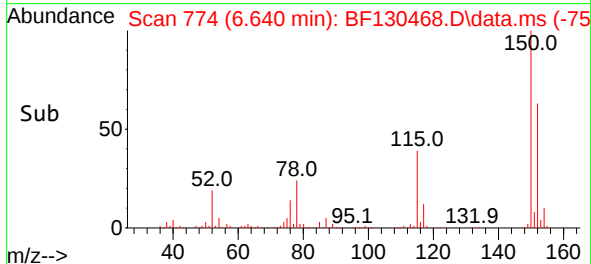
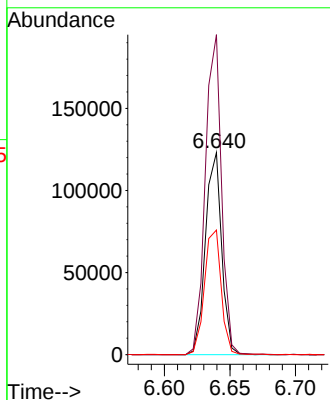
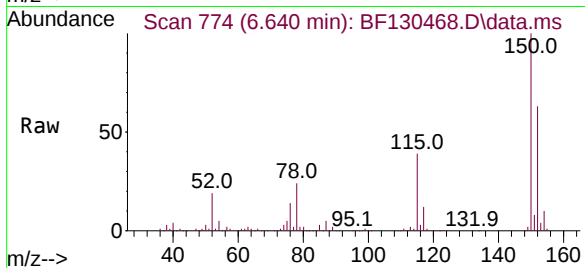




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.640 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF130468.D
 Acq: 29 Sep 2022 15:49

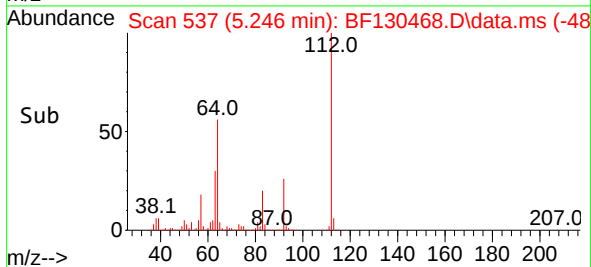
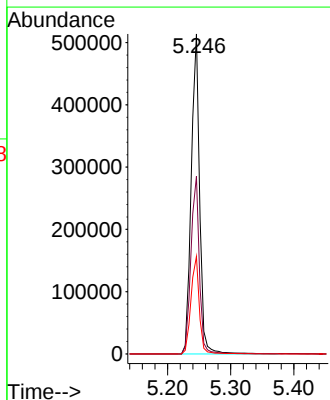
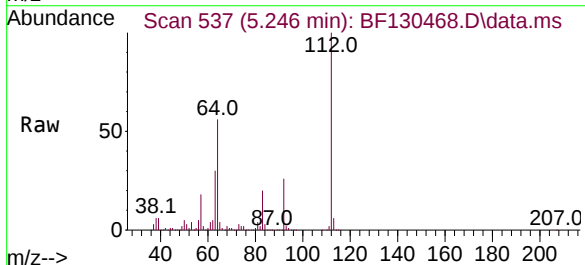
Instrument :
 BNA_F
 ClientSampleId :
 MW-06

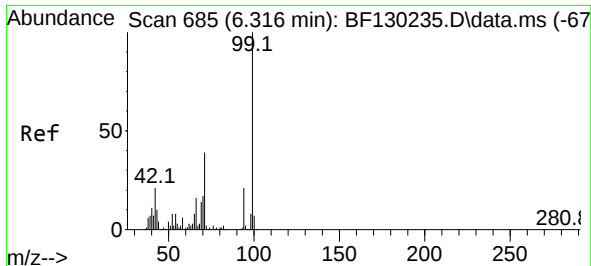
Tgt Ion:152 Resp: 105649
 Ion Ratio Lower Upper
 152 100
 150 158.5 122.8 184.2
 115 61.7 53.8 80.8



#5
 2-Fluorophenol
 Concen: 77.700 ng
 RT: 5.246 min Scan# 537
 Delta R.T. 0.000 min
 Lab File: BF130468.D
 Acq: 29 Sep 2022 15:49

Tgt Ion:112 Resp: 473283
 Ion Ratio Lower Upper
 112 100
 64 55.5 51.4 77.0
 63 30.4 28.8 43.2

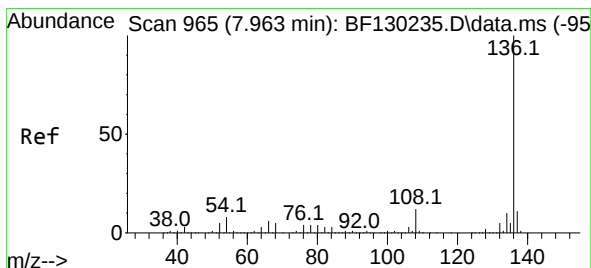
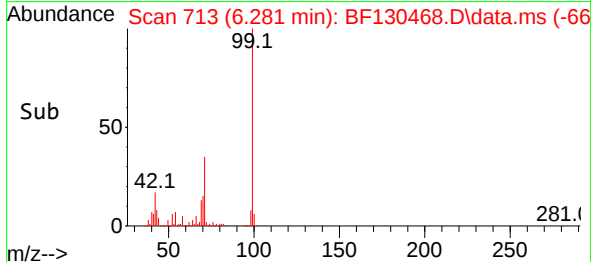
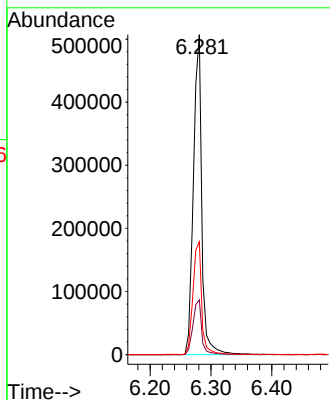
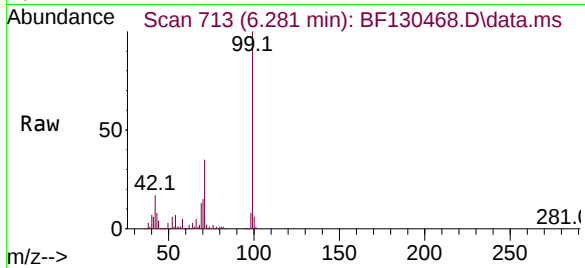




#7
Phenol-d6
Concen: 63.696 ng
RT: 6.281 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130468.D
Acq: 29 Sep 2022 15:49

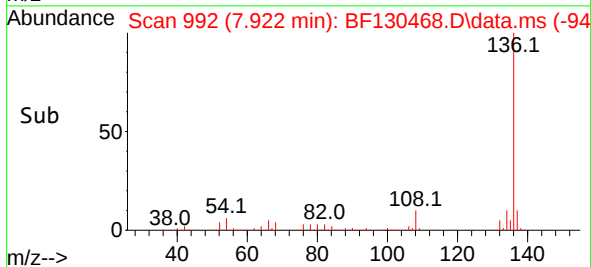
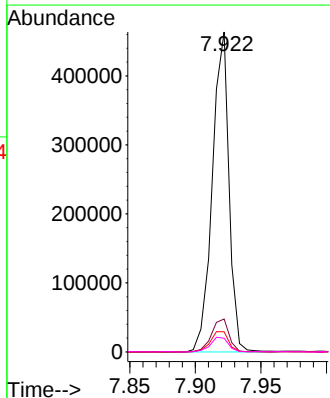
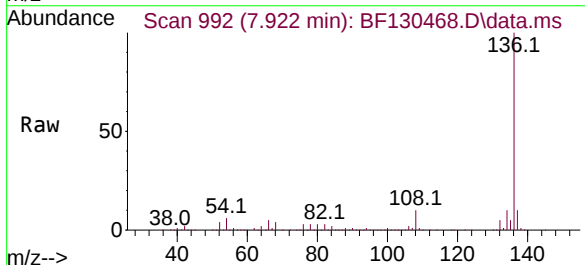
Instrument :
BNA_F
ClientSampleId :
MW-06

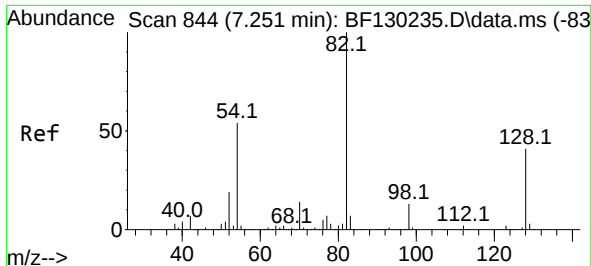
Tgt Ion: 99 Resp: 485454
Ion Ratio Lower Upper
99 100
42 17.1 17.0 25.6
71 35.3 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.922 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF130468.D
Acq: 29 Sep 2022 15:49

Tgt Ion: 136 Resp: 410043
Ion Ratio Lower Upper
136 100
137 10.3 9.1 13.7
54 6.3 7.1 10.7#
68 4.3 4.5 6.7#





#23

Nitrobenzene-d5

Concen: 90.607 ng

RT: 7.210 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130468.D

Acq: 29 Sep 2022 15:49

Instrument :

BNA_F

ClientSampleId :

MW-06

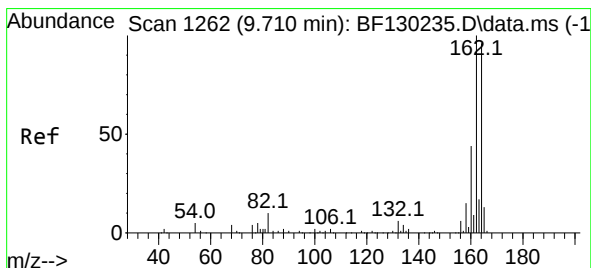
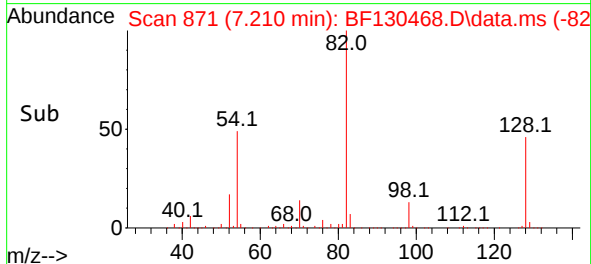
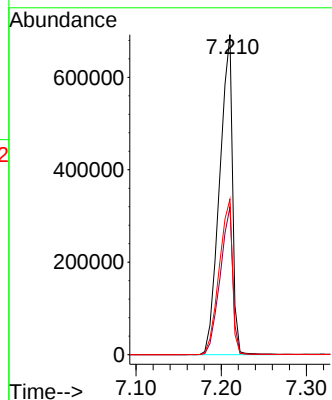
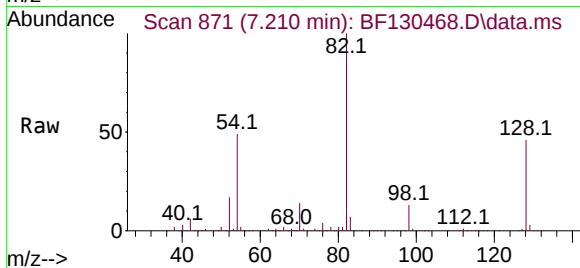
Tgt Ion: 82 Resp: 727220

Ion Ratio Lower Upper

82 100

128 46.2 32.6 49.0

54 48.6 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.669 min Scan# 1289

Delta R.T. -0.012 min

Lab File: BF130468.D

Acq: 29 Sep 2022 15:49

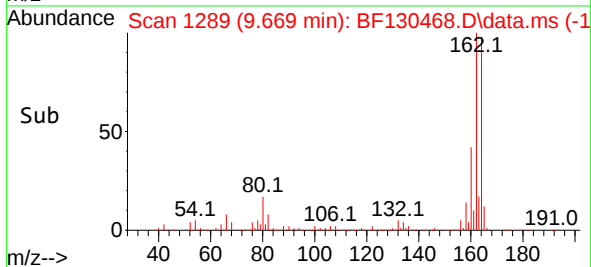
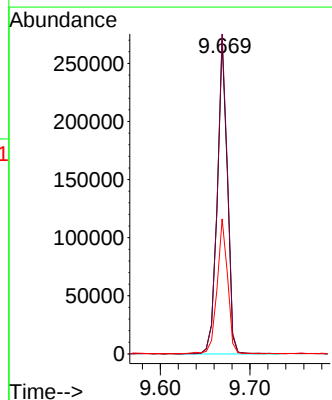
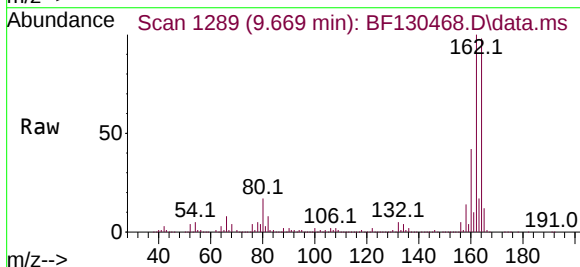
Tgt Ion: 164 Resp: 211108

Ion Ratio Lower Upper

164 100

162 102.1 81.4 122.0

160 43.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 173.396 ng

RT: 10.463 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130468.D

Acq: 29 Sep 2022 15:49

Instrument :

BNA_F

ClientSampleId :

MW-06

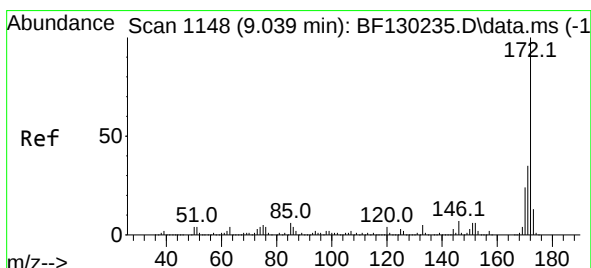
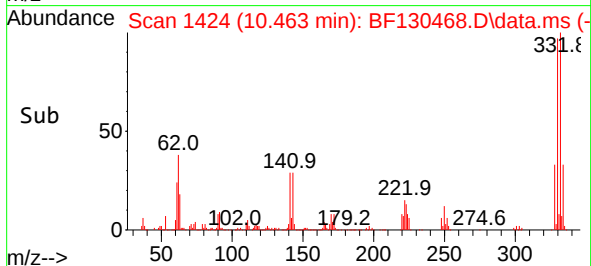
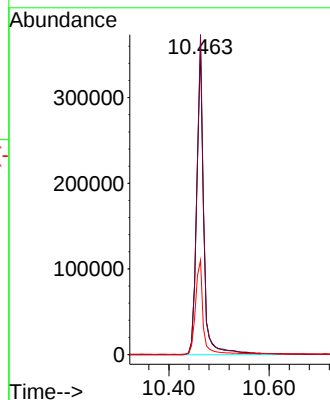
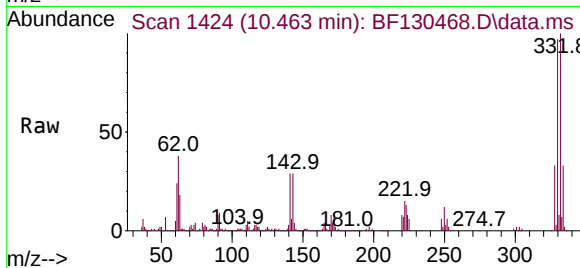
Tgt Ion:330 Resp: 350749

Ion Ratio Lower Upper

330 100

332 103.3 83.4 125.2

141 33.3 34.0 51.0#



#45

2-Fluorobiphenyl

Concen: 98.626 ng

RT: 8.998 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF130468.D

Acq: 29 Sep 2022 15:49

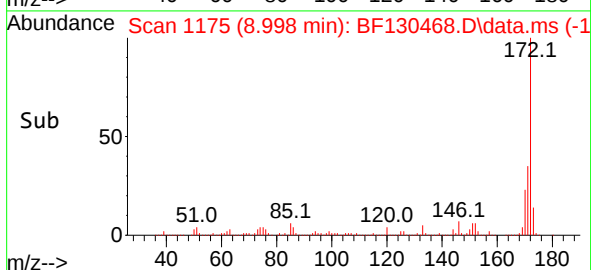
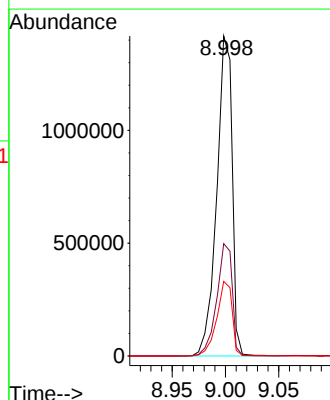
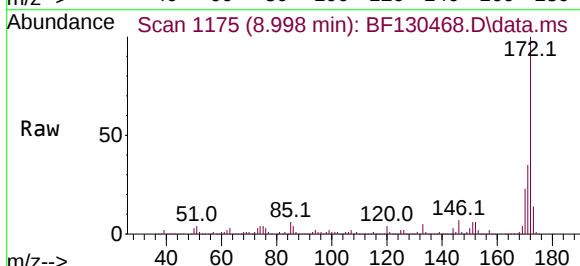
Tgt Ion:172 Resp: 1429812

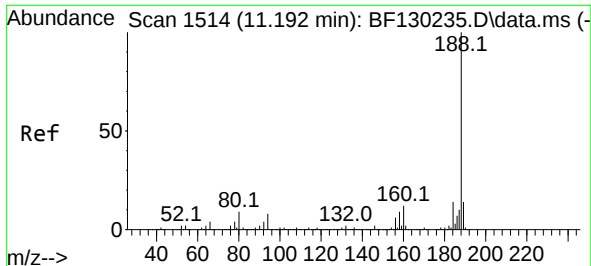
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.3 18.7 28.1

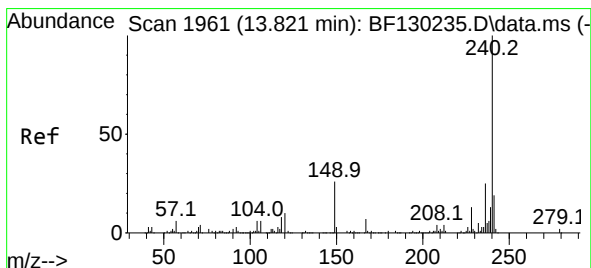
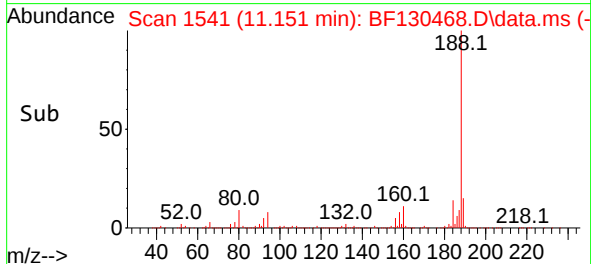
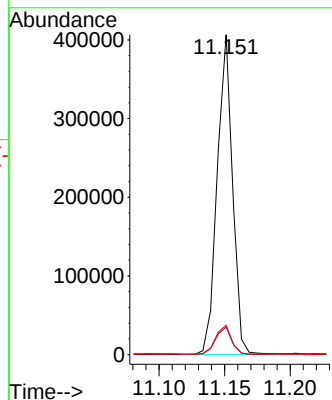
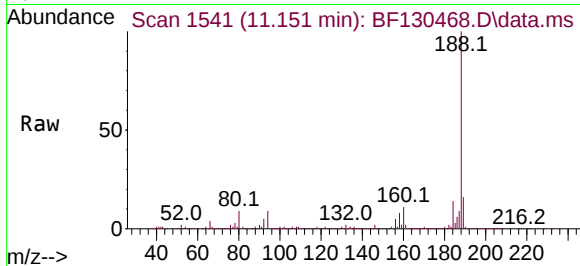




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130468.D
Acq: 29 Sep 2022 15:49

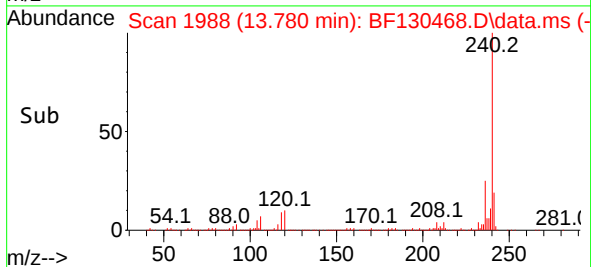
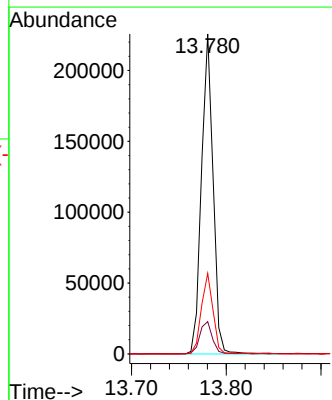
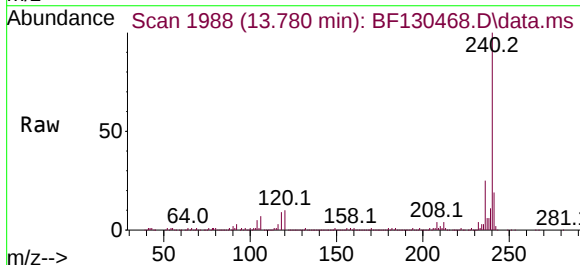
Instrument :
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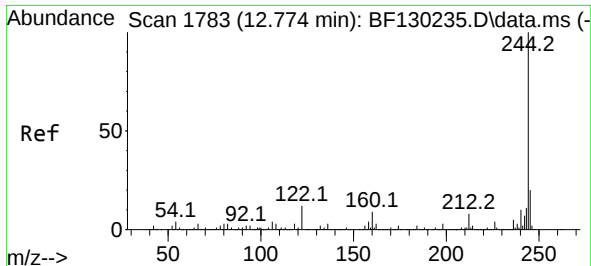
Tgt Ion:188 Resp: 331692
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BF130468.D
Acq: 29 Sep 2022 15:49

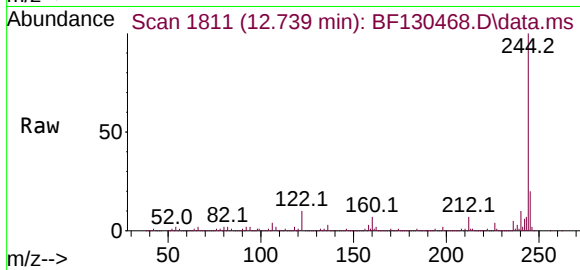
Tgt Ion:240 Resp: 192298
Ion Ratio Lower Upper
240 100
120 10.1 8.7 13.1
236 25.2 20.9 31.3



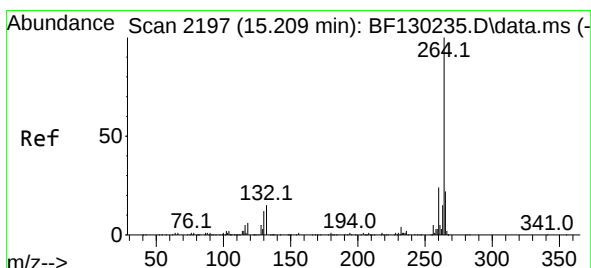
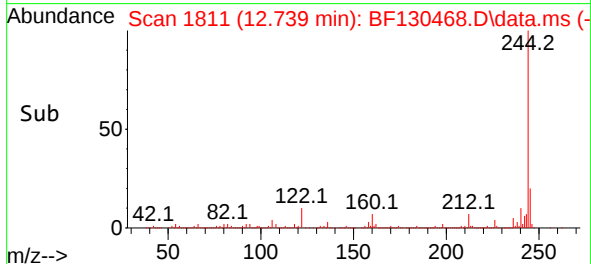
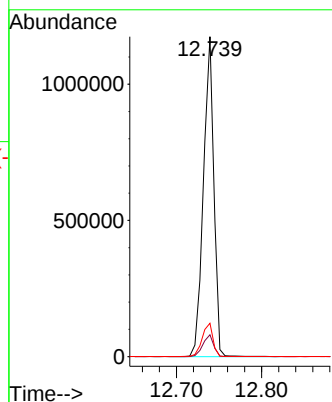


#79
 Terphenyl-d14
 Concen: 86.016 ng
 RT: 12.739 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF130468.D
 Acq: 29 Sep 2022 15:49

Instrument :
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Tgt Ion:244 Resp: 998539
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 10.4 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.168 min Scan# 2224
 Delta R.T. -0.006 min
 Lab File: BF130468.D
 Acq: 29 Sep 2022 15:49

Tgt Ion:264 Resp: 170138
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.3 28.9
 265 21.0 17.0 25.4

