

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
 Data File : BF130496.D
 Acq On : 03 Oct 2022 13:55
 Operator : CG\JU
 Sample : N4888-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-3

Quant Time: Oct 04 03:14:45 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	6.634	152	82017	20.000	ng	-0.01
21) Naphthalene-d8	7.916	136	326026	20.000	ng	-0.01
39) Acenaphthene-d10	9.669	164	166235	20.000	ng	-0.01
64) Phenanthrene-d10	11.145	188	259250	20.000	ng	#-0.01
76) Chrysene-d12	13.780	240	141634	20.000	ng	-0.01
86) Perylene-d12	15.169	264	153802	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	544835	115.220	ng	0.00
7) Phenol-d6	6.281	99	694705	117.415	ng	-0.01
23) Nitrobenzene-d5	7.204	82	491024	76.944	ng	-0.01
42) 2,4,6-Tribromophenol	10.457	330	148247	93.070	ng	-0.01
45) 2-Fluorobiphenyl	8.998	172	836330	73.261	ng	-0.01
79) Terphenyl-d14	12.733	244	676742	79.149	ng	-0.01

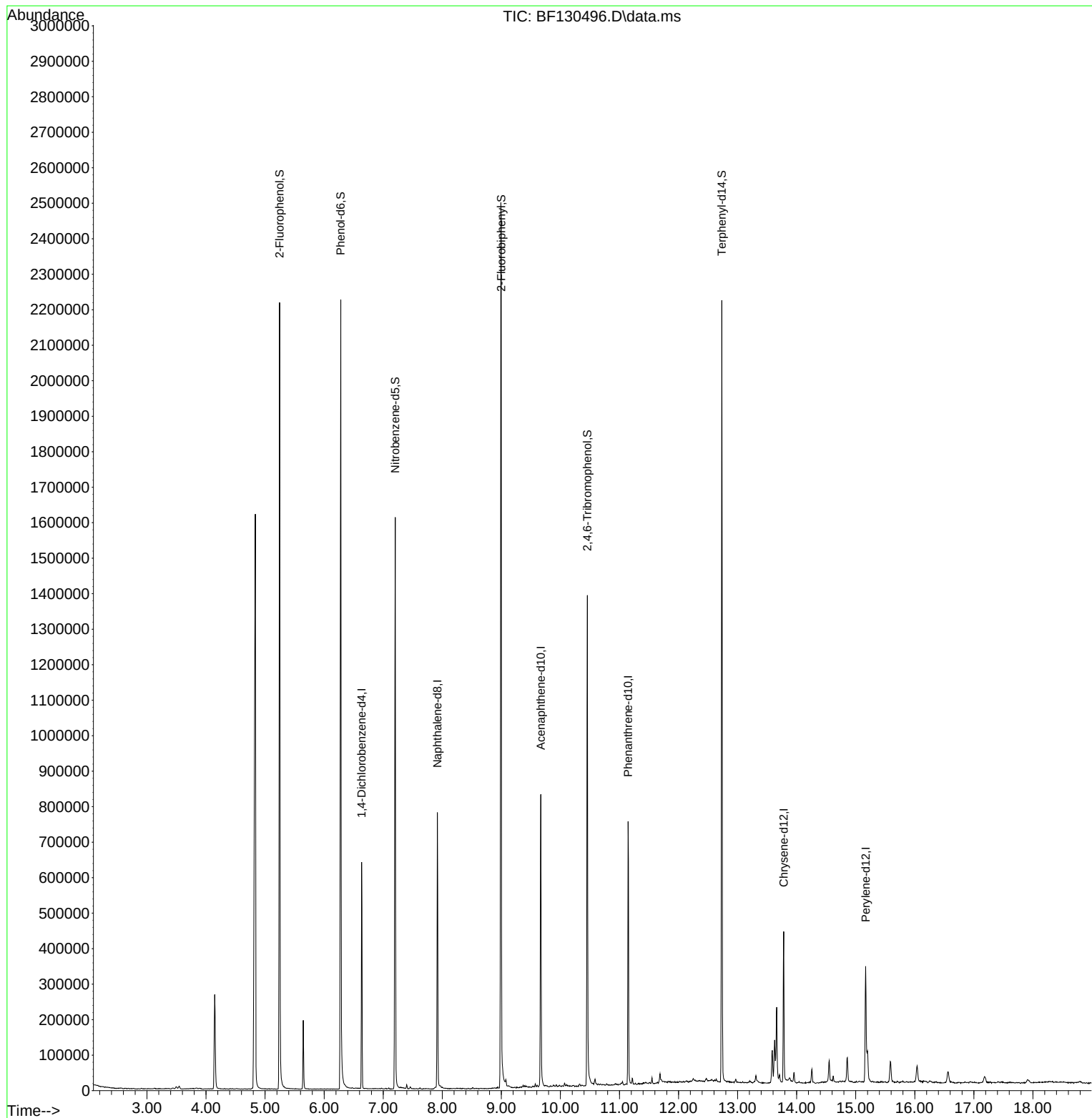
Target Compounds	Qvalue

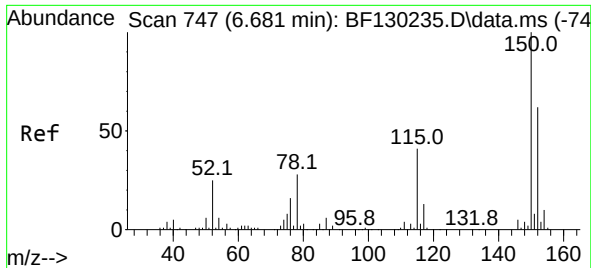
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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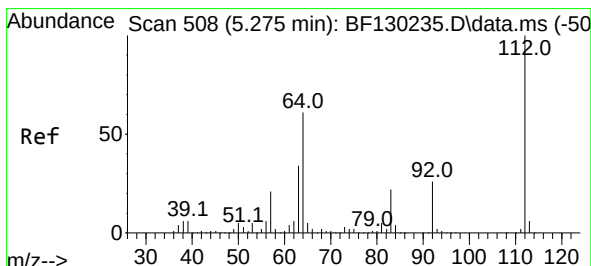
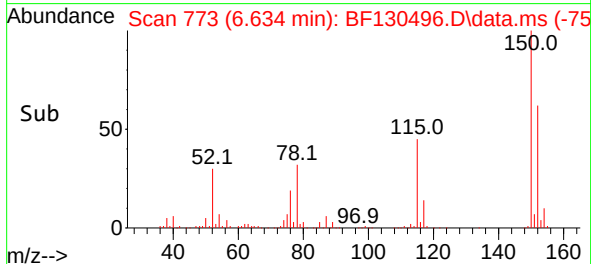
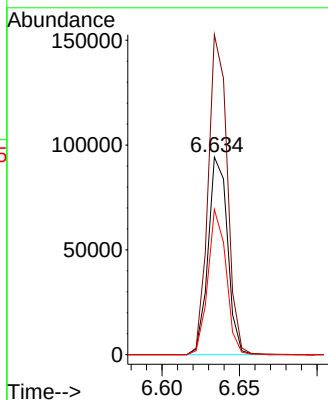
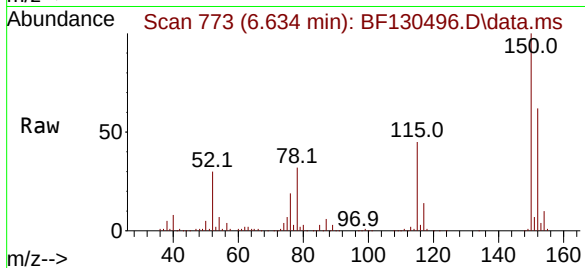




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.634 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF130496.D
Acq: 03 Oct 2022 13:55

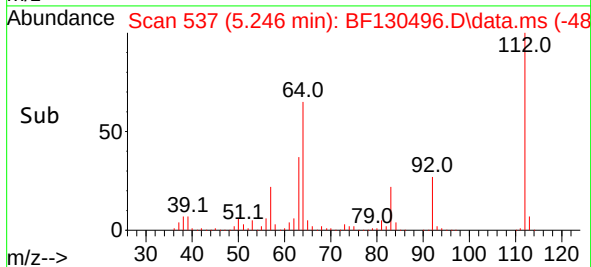
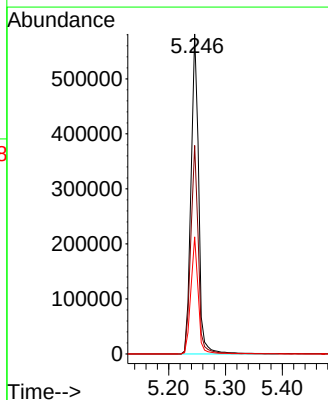
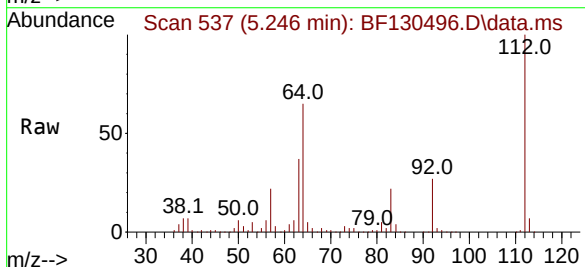
Instrument :
BNA_F
ClientSampleId :
T-3

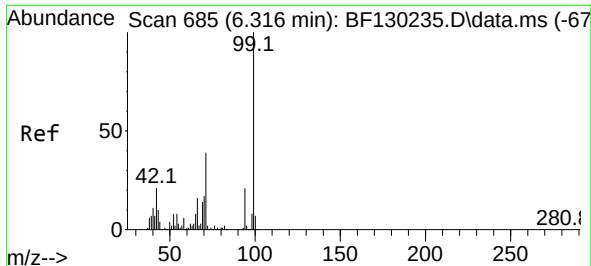
Tgt Ion:152 Resp: 82017
Ion Ratio Lower Upper
152 100
150 162.0 122.8 184.2
115 73.6 53.8 80.8



#5
2-Fluorophenol
Concen: 115.220 ng
RT: 5.246 min Scan# 537
Delta R.T. 0.000 min
Lab File: BF130496.D
Acq: 03 Oct 2022 13:55

Tgt Ion:112 Resp: 544835
Ion Ratio Lower Upper
112 100
64 65.1 51.4 77.0
63 36.6 28.8 43.2

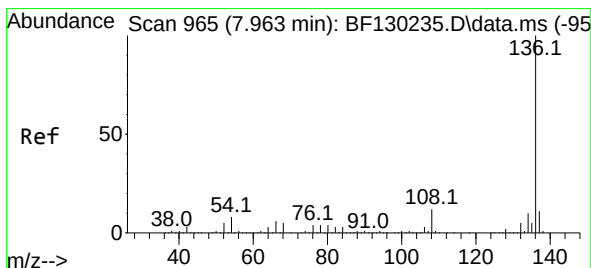
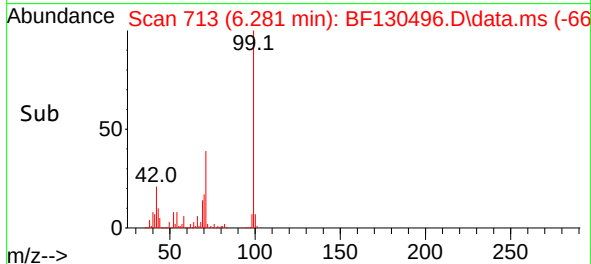
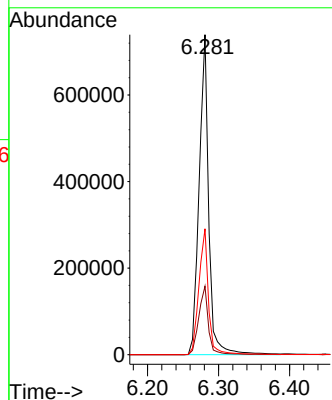
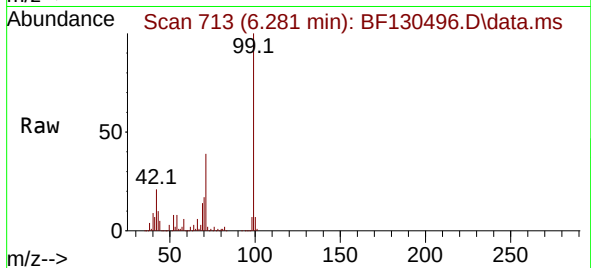




#7
Phenol-d6
Concen: 117.415 ng
RT: 6.281 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130496.D
Acq: 03 Oct 2022 13:55

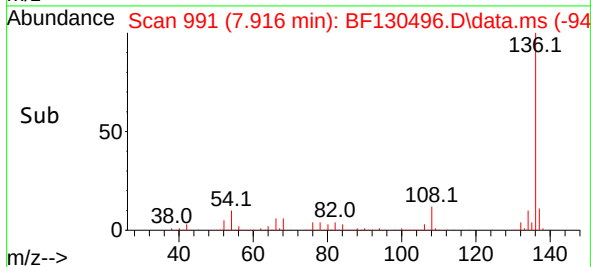
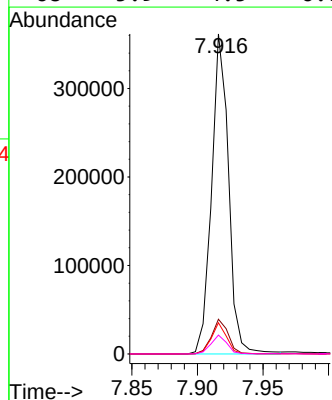
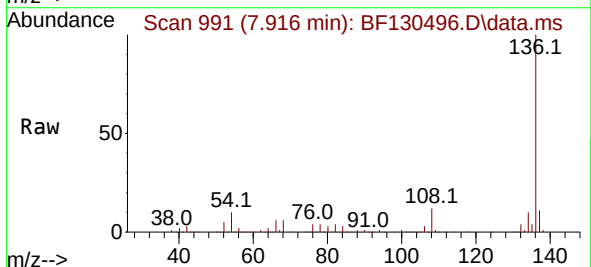
Instrument :
BNA_F
ClientSampleId :
T-3

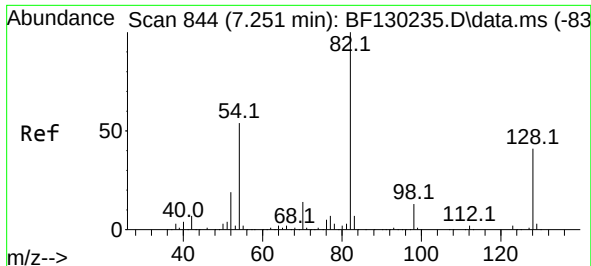
Tgt Ion: 99 Resp: 694705
Ion Ratio Lower Upper
99 100
42 21.4 17.0 25.6
71 39.3 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF130496.D
Acq: 03 Oct 2022 13:55

Tgt Ion: 136 Resp: 326026
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 9.7 7.1 10.7
68 5.9 4.5 6.7





#23

Nitrobenzene-d5

Concen: 76.944 ng

RT: 7.204 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF130496.D

Acq: 03 Oct 2022 13:55

Instrument :

BNA_F

ClientSampleId :

T-3

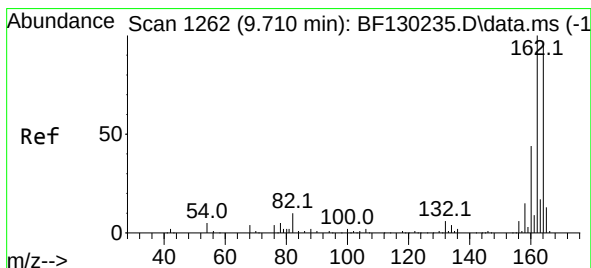
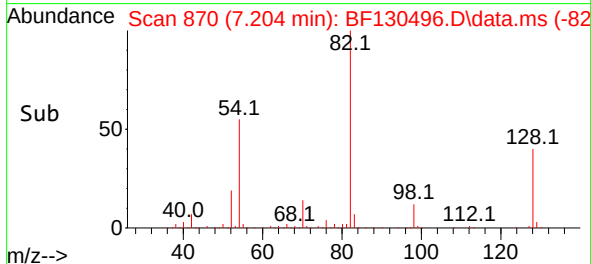
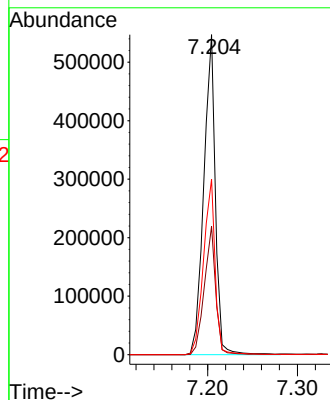
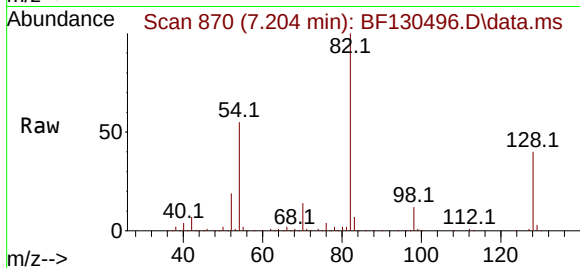
Tgt Ion: 82 Resp: 491024

Ion Ratio Lower Upper

82 100

128 40.1 32.6 49.0

54 54.9 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: BF130496.D

Acq: 03 Oct 2022 13:55

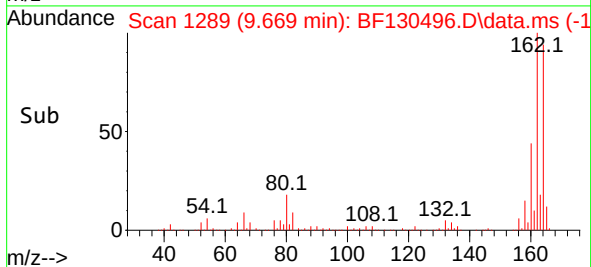
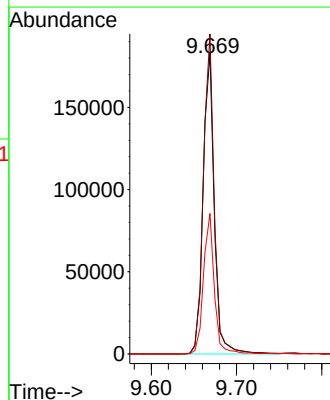
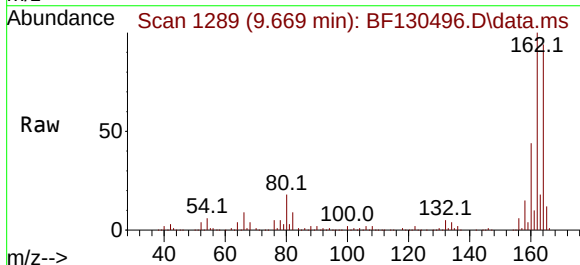
Tgt Ion:164 Resp: 166235

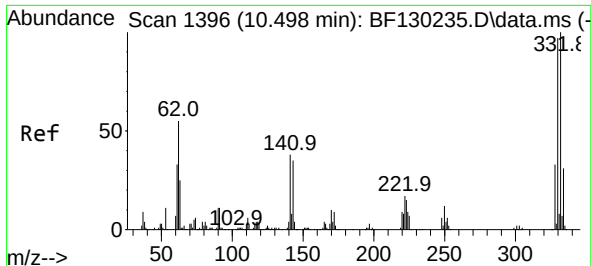
Ion Ratio Lower Upper

164 100

162 106.4 81.4 122.0

160 46.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 93.070 ng

RT: 10.457 min Scan# 1423

Delta R.T. -0.012 min

Lab File: BF130496.D

Acq: 03 Oct 2022 13:55

Instrument :

BNA_F

ClientSampleId :

T-3

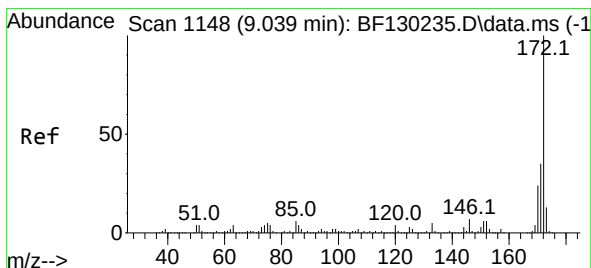
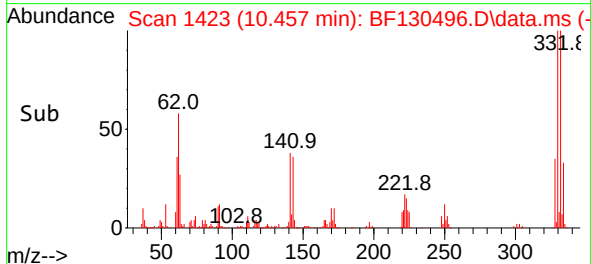
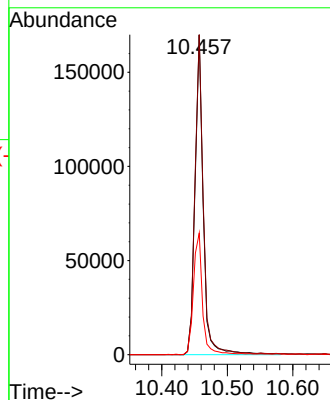
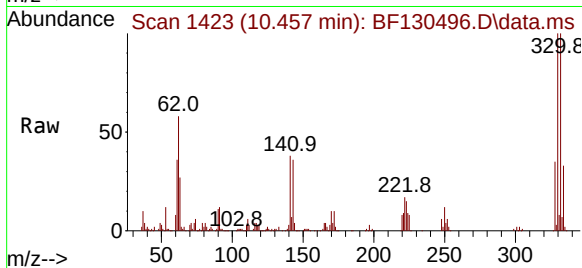
Tgt Ion:330 Resp: 148247

Ion Ratio Lower Upper

330 100

332 101.6 83.4 125.2

141 42.1 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 73.261 ng

RT: 8.998 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF130496.D

Acq: 03 Oct 2022 13:55

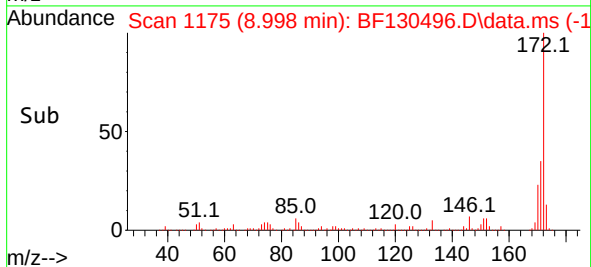
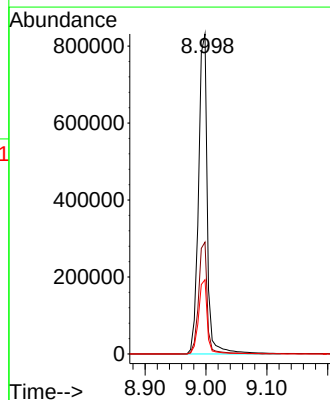
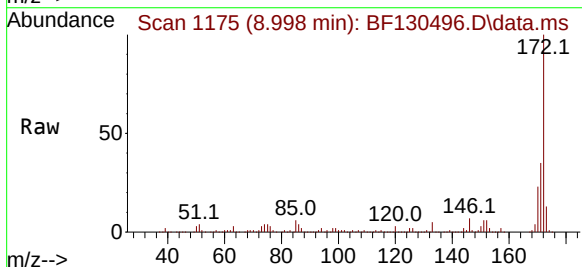
Tgt Ion:172 Resp: 836330

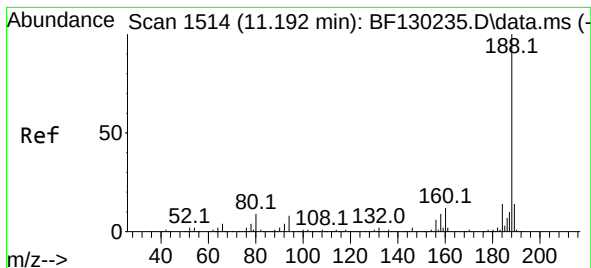
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.2 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.145 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF130496.D

Acq: 03 Oct 2022 13:55

Instrument :

BNA_F

ClientSampleId :

T-3

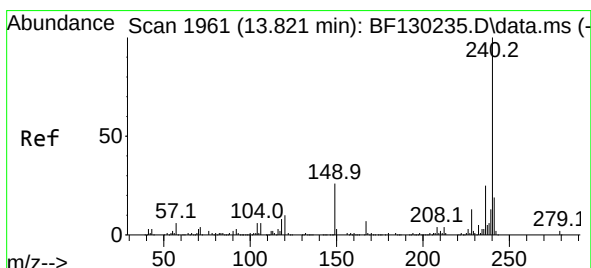
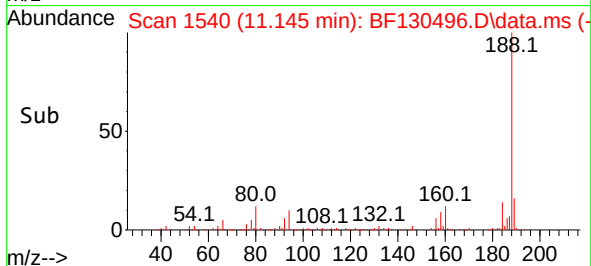
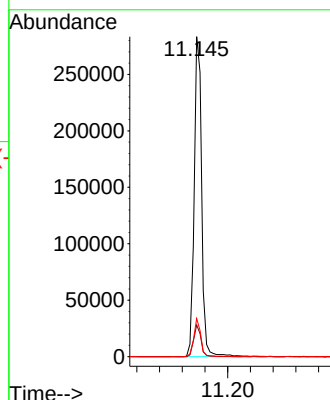
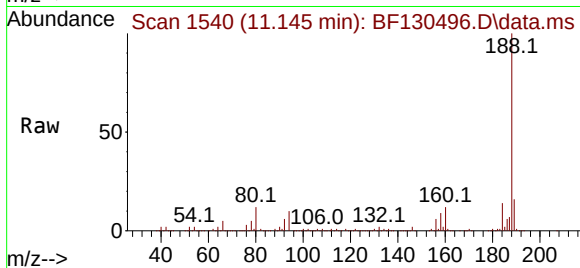
Tgt Ion:188 Resp: 259250

Ion Ratio Lower Upper

188 100

94 9.9 7.4 11.2

80 11.9 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: BF130496.D

Acq: 03 Oct 2022 13:55

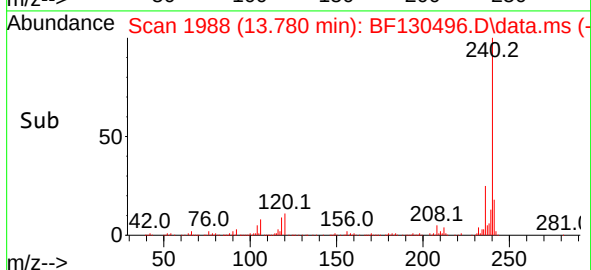
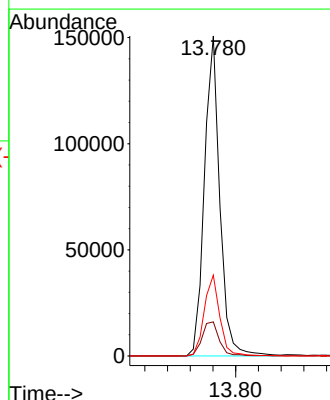
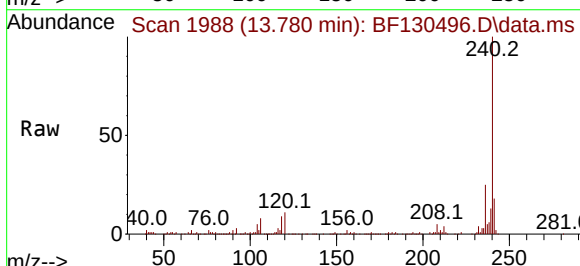
Tgt Ion:240 Resp: 141634

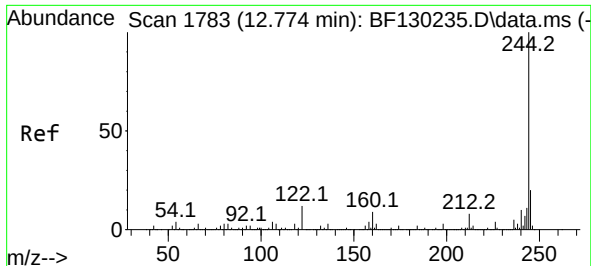
Ion Ratio Lower Upper

240 100

120 10.6 8.7 13.1

236 25.2 20.9 31.3

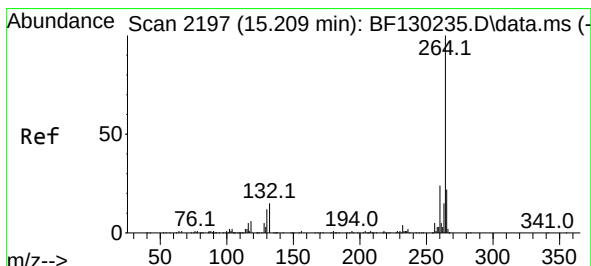
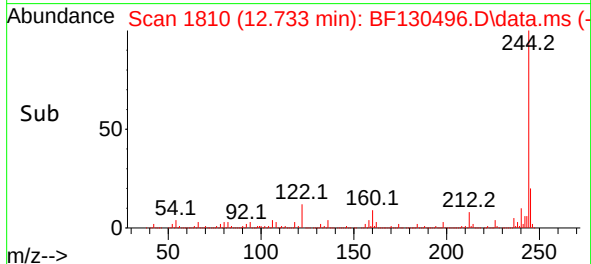
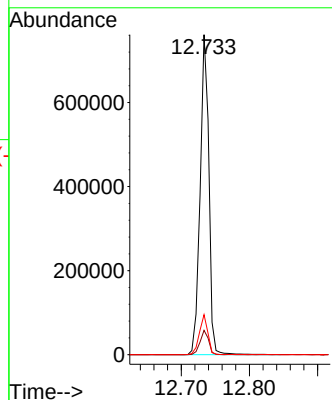
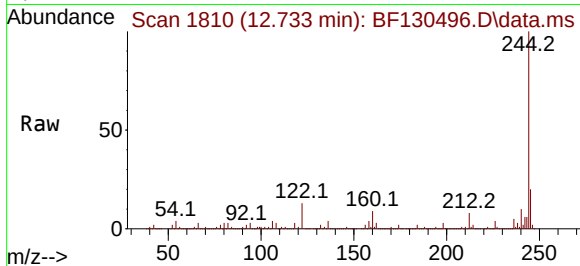




#79
 Terphenyl-d14
 Concen: 79.149 ng
 RT: 12.733 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF130496.D
 Acq: 03 Oct 2022 13:55

Instrument :
 BNA_F
 ClientSampleId :
 T-3

Tgt Ion:244 Resp: 676742
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 12.5 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.169 min Scan# 2224
 Delta R.T. -0.006 min
 Lab File: BF130496.D
 Acq: 03 Oct 2022 13:55

Tgt Ion:264 Resp: 153802
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.3 28.9
 265 22.8 17.0 25.4

