

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
 Data File : BF130494.D
 Acq On : 03 Oct 2022 12:51
 Operator : CG\JU
 Sample : PB148034BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148034BL

Quant Time: Oct 04 03:13:38 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	104293	20.000	ng	-0.01
21) Naphthalene-d8	7.916	136	437180	20.000	ng	-0.01
39) Acenaphthene-d10	9.669	164	265059	20.000	ng	-0.01
64) Phenanthrene-d10	11.151	188	474834	20.000	ng	0.00
76) Chrysene-d12	13.780	240	284514	20.000	ng	-0.01
86) Perylene-d12	15.168	264	192635	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	915059	152.181	ng	0.00
7) Phenol-d6	6.287	99	1167951	155.238	ng	0.00
23) Nitrobenzene-d5	7.204	82	789291	92.236	ng	-0.01
42) 2,4,6-Tribromophenol	10.463	330	320640	126.248	ng	0.00
45) 2-Fluorobiphenyl	8.998	172	1370403	75.288	ng	-0.01
79) Terphenyl-d14	12.739	244	1458112	84.894	ng	0.00

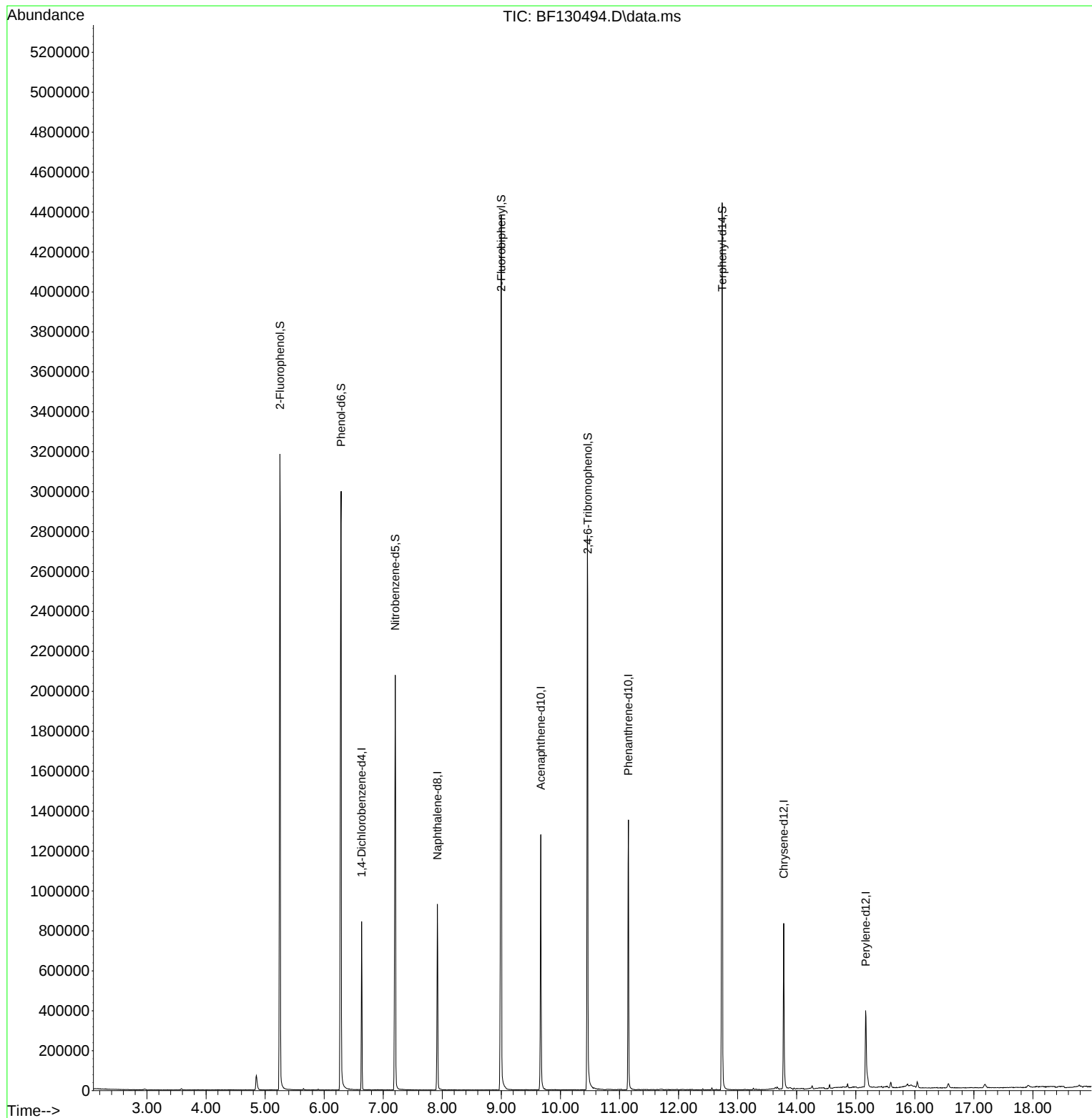
Target Compounds	Qvalue

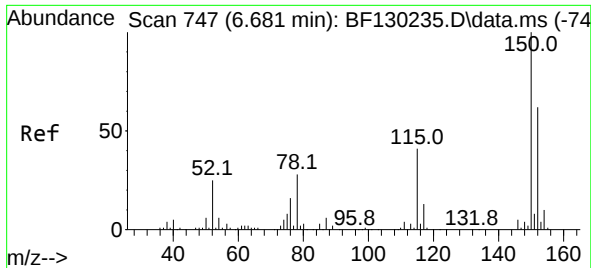
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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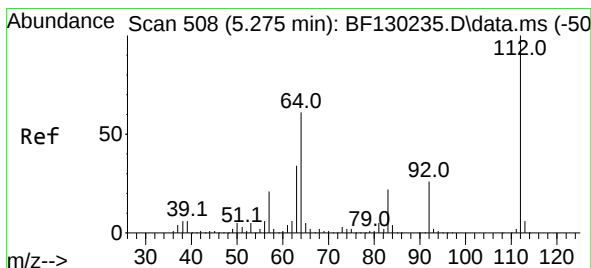
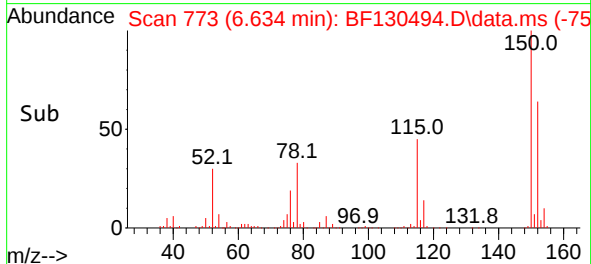
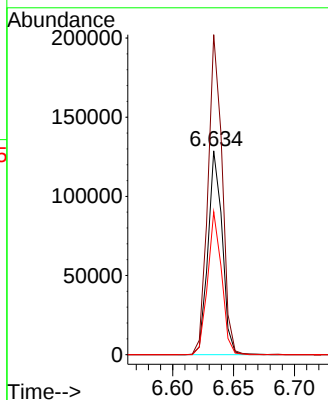
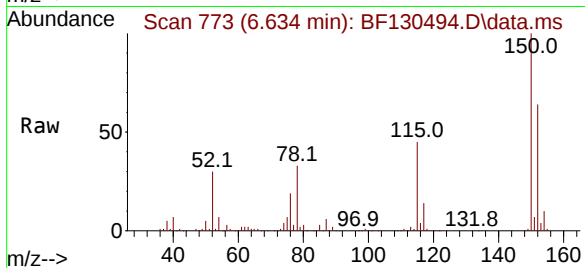




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.634 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF130494.D
Acq: 03 Oct 2022 12:51

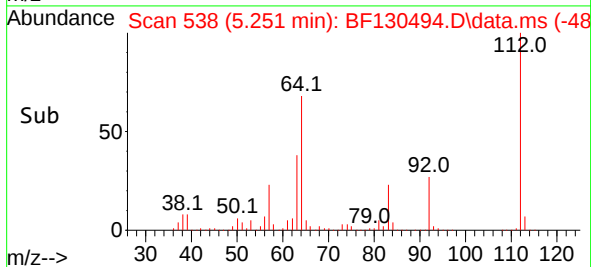
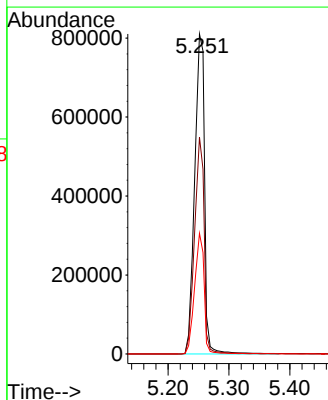
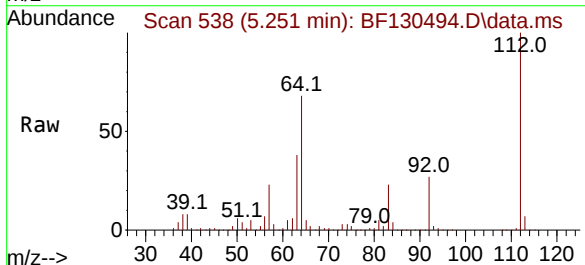
Instrument :
BNA_F
ClientSampleId :
PB148034BL

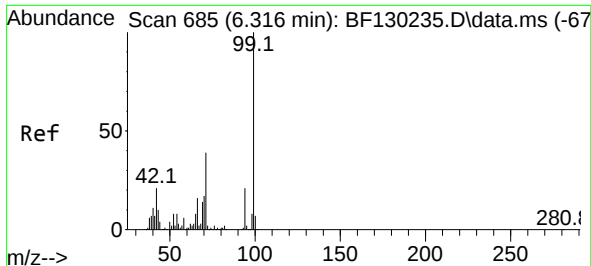
Tgt Ion:152 Resp: 104293
Ion Ratio Lower Upper
152 100
150 157.0 122.8 184.2
115 70.1 53.8 80.8



#5
2-Fluorophenol
Concen: 152.181 ng
RT: 5.251 min Scan# 538
Delta R.T. 0.006 min
Lab File: BF130494.D
Acq: 03 Oct 2022 12:51

Tgt Ion:112 Resp: 915059
Ion Ratio Lower Upper
112 100
64 67.8 51.4 77.0
63 37.7 28.8 43.2

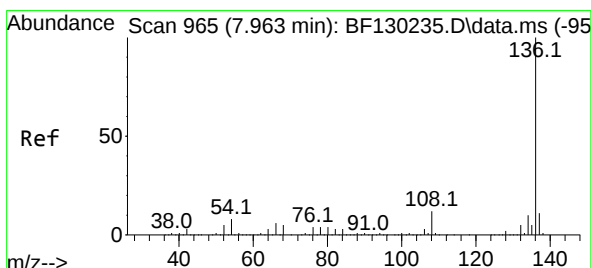
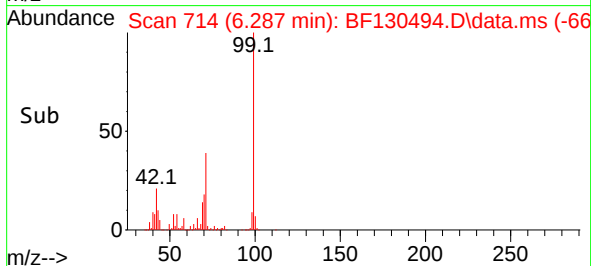
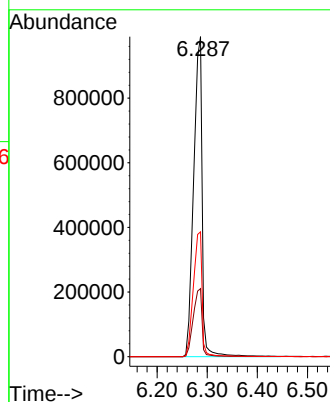
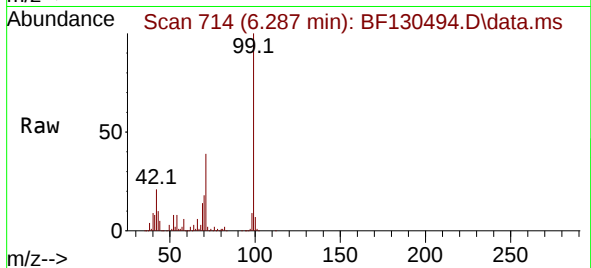




#7
Phenol-d6
Concen: 155.238 ng
RT: 6.287 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130494.D
Acq: 03 Oct 2022 12:51

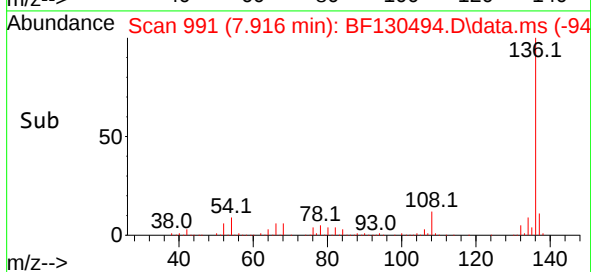
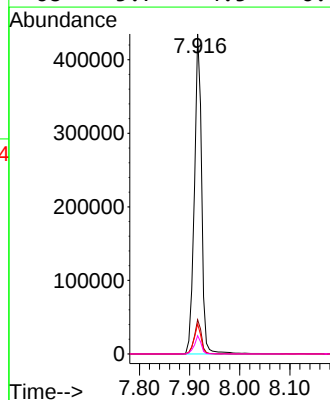
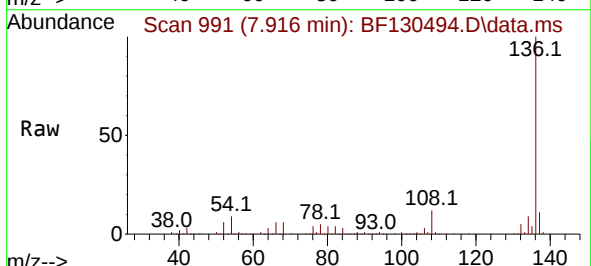
Instrument :
BNA_F
ClientSampleId :
PB148034BL

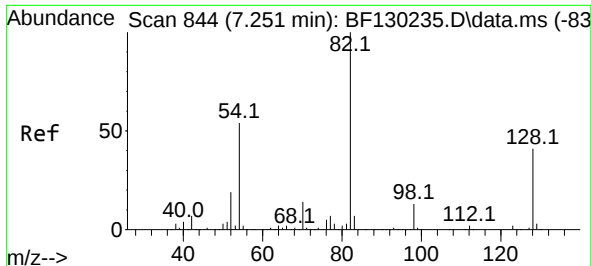
Tgt Ion: 99 Resp: 1167951
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.6
71 39.0 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF130494.D
Acq: 03 Oct 2022 12:51

Tgt Ion:136 Resp: 437180
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 9.3 7.1 10.7
68 5.7 4.5 6.7

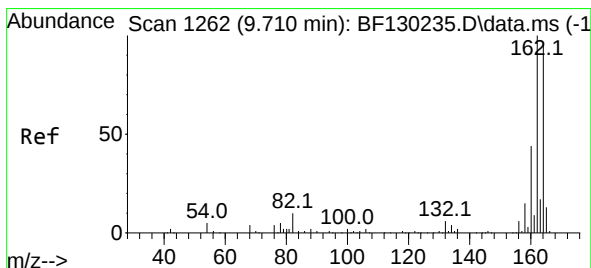
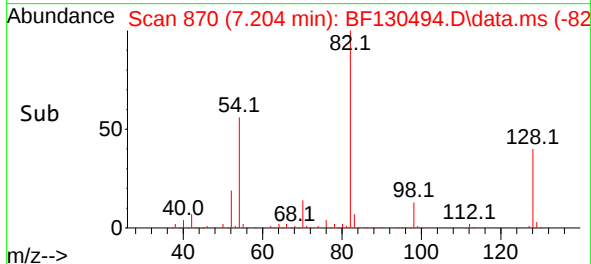
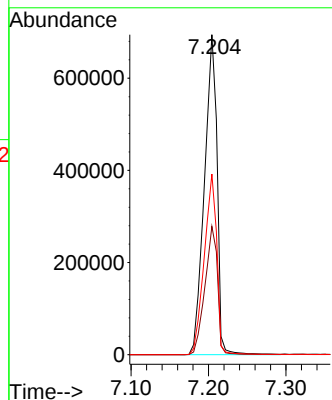
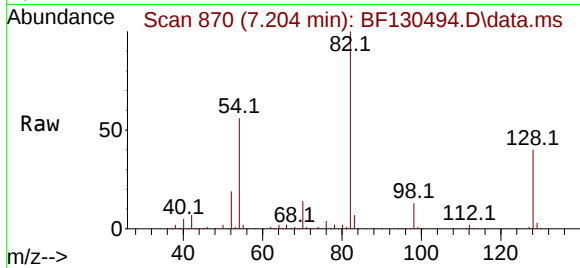




#23
Nitrobenzene-d5
Concen: 92.236 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF130494.D
Acq: 03 Oct 2022 12:51

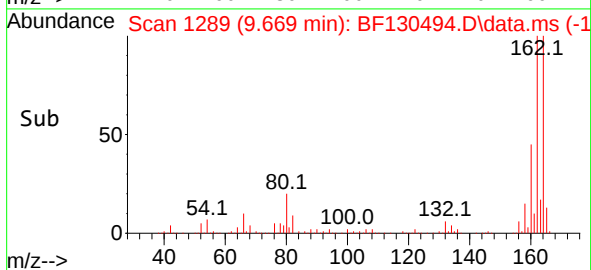
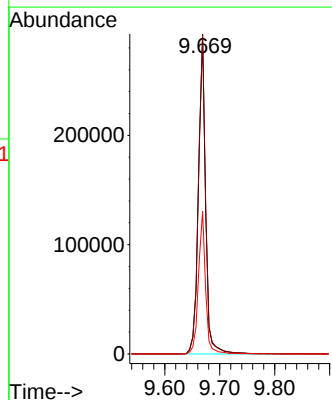
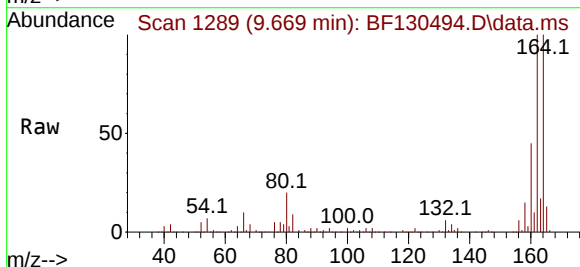
Instrument :
BNA_F
ClientSampleId :
PB148034BL

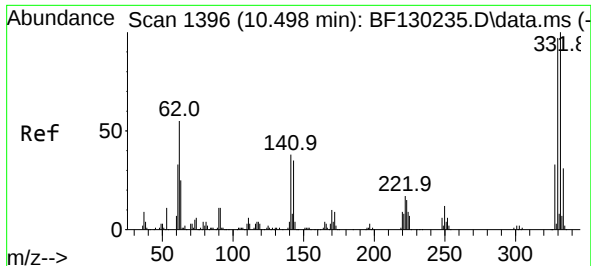
Tgt Ion: 82 Resp: 789291
Ion Ratio Lower Upper
82 100
128 40.1 32.6 49.0
54 56.5 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF130494.D
Acq: 03 Oct 2022 12:51

Tgt Ion:164 Resp: 265059
Ion Ratio Lower Upper
164 100
162 100.3 81.4 122.0
160 44.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 126.248 ng

RT: 10.463 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130494.D

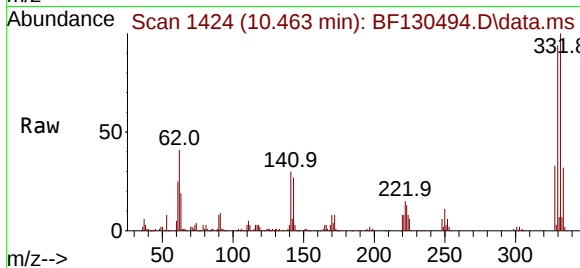
Acq: 03 Oct 2022 12:51

Instrument :

BNA_F

ClientSampleId :

PB148034BL



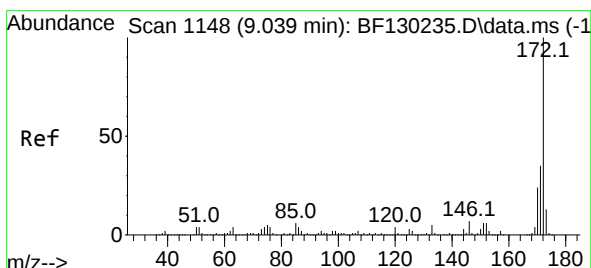
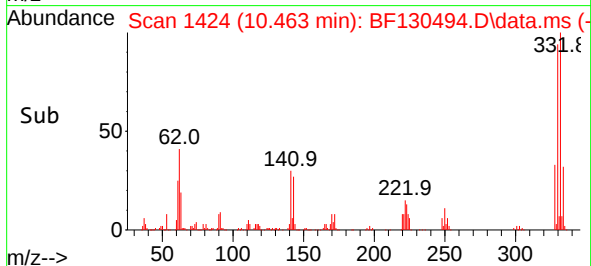
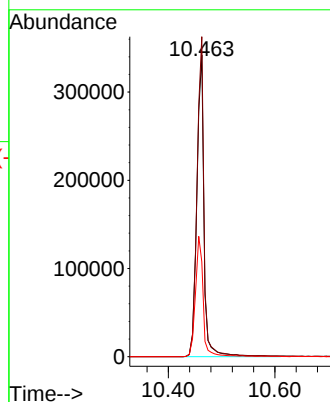
Tgt Ion:330 Resp: 320640

Ion Ratio Lower Upper

330 100

332 104.5 83.4 125.2

141 42.7 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 75.288 ng

RT: 8.998 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF130494.D

Acq: 03 Oct 2022 12:51

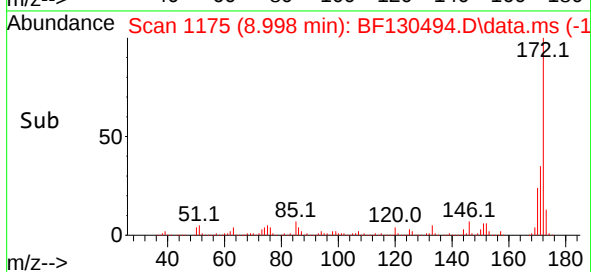
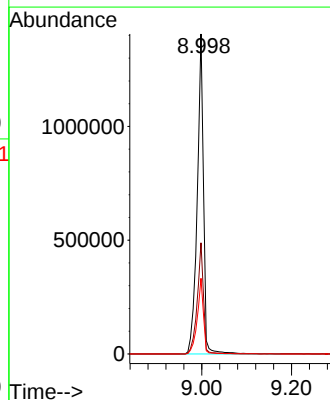
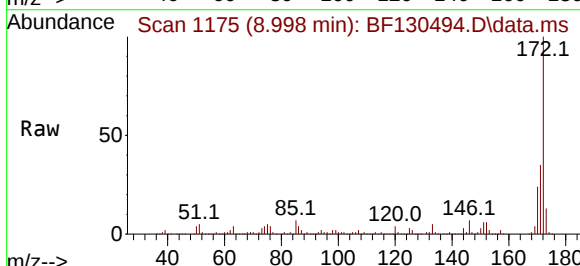
Tgt Ion:172 Resp: 1370403

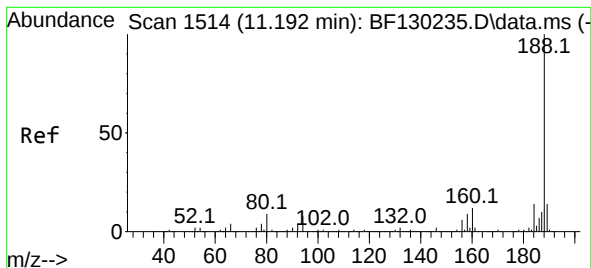
Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130494.D

Acq: 03 Oct 2022 12:51

Instrument :

BNA_F

ClientSampleId :

PB148034BL

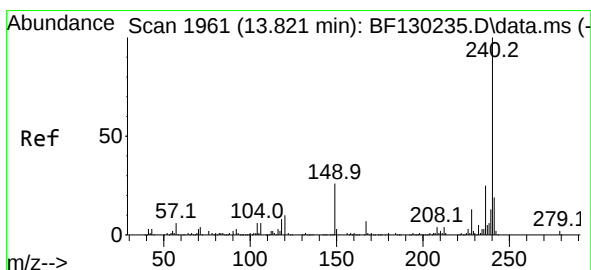
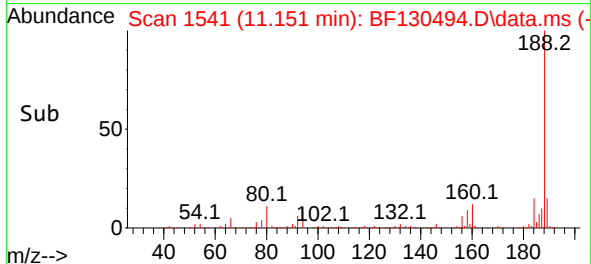
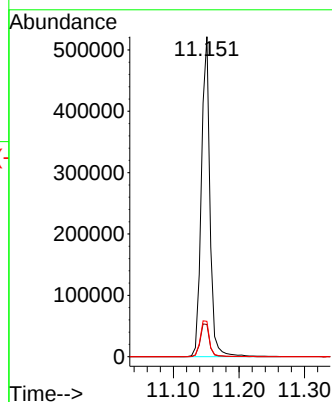
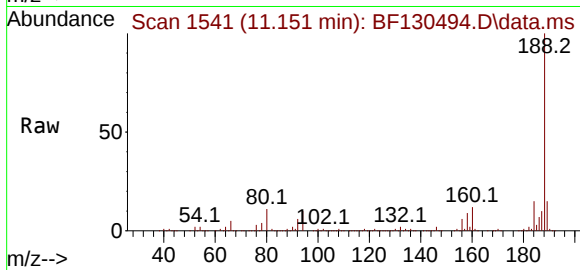
Tgt Ion:188 Resp: 474834

Ion Ratio Lower Upper

188 100

94 10.0 7.4 11.2

80 11.1 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: BF130494.D

Acq: 03 Oct 2022 12:51

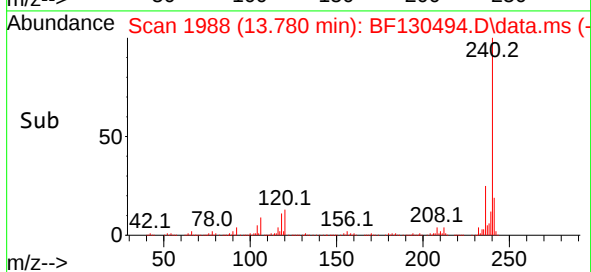
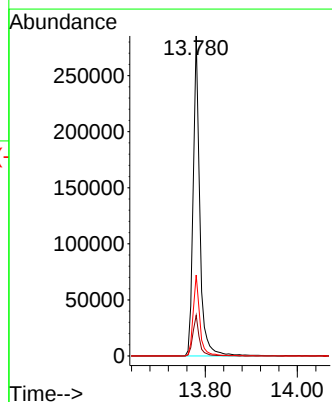
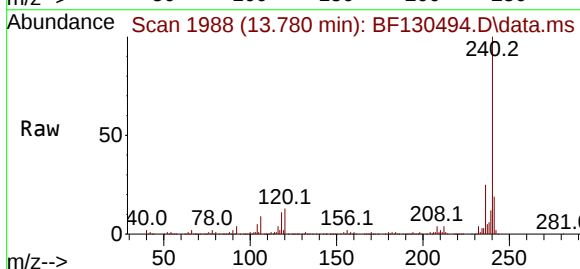
Tgt Ion:240 Resp: 284514

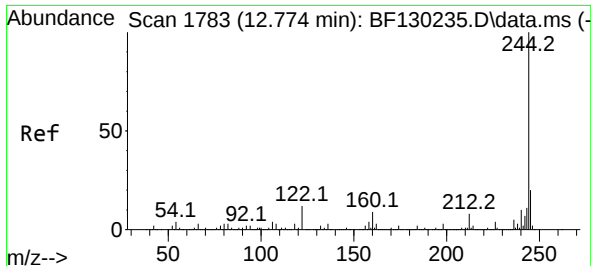
Ion Ratio Lower Upper

240 100

120 12.7 8.7 13.1

236 25.3 20.9 31.3

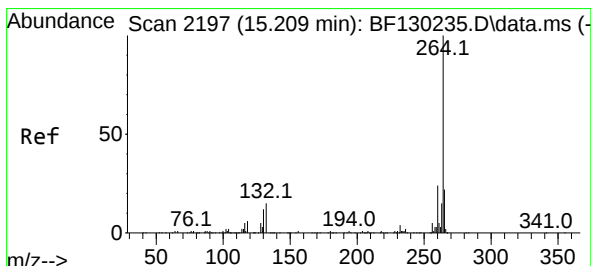
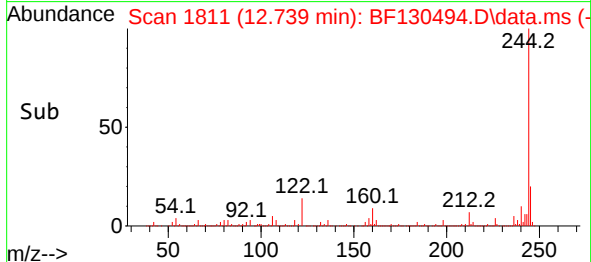
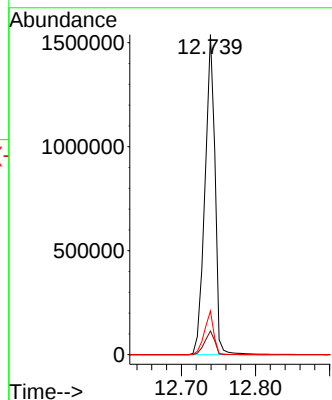
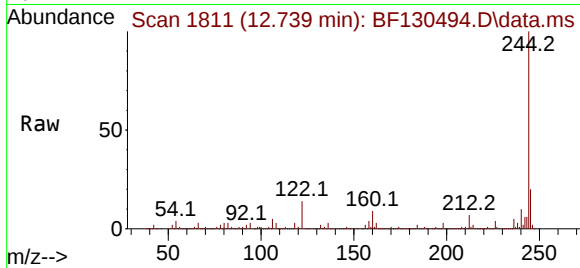




#79
 Terphenyl-d14
 Concen: 84.894 ng
 RT: 12.739 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130494.D
 Acq: 03 Oct 2022 12:51

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Tgt Ion:244 Resp: 1458112
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 13.6 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: BF130494.D
 Acq: 03 Oct 2022 12:51

Tgt Ion:264 Resp: 192635
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 20.8 17.0 25.4

