

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
 Data File : BF131097.D
 Acq On : 09 Nov 2022 20:34
 Operator : CG\JU
 Sample : N5439-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 506D-3

Quant Time: Nov 10 04:32:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 04:15:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	89481	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	336863	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	184951	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	343196	20.000	ng	0.00
76) Chrysene-d12	14.068	240	225818	20.000	ng	#-0.01
86) Perylene-d12	15.562	264	172797	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	189694	36.052	ng	0.00
7) Phenol-d6	6.510	99	174415	25.355	ng	-0.01
23) Nitrobenzene-d5	7.457	82	440703	59.027	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	128111	67.024	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	833406	62.904	ng	0.00
79) Terphenyl-d14	13.010	244	641535	49.811	ng	0.00

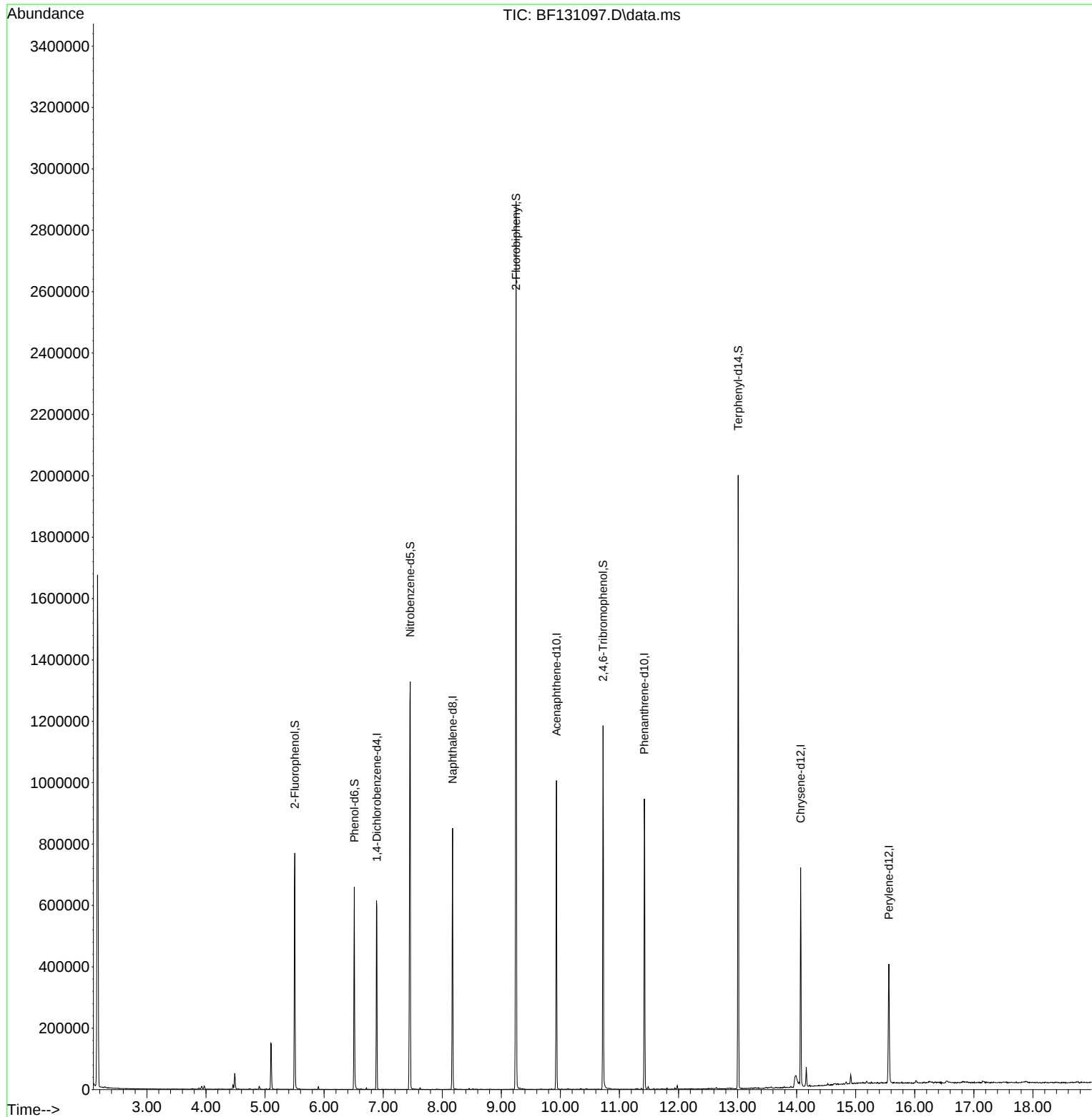
Target Compounds	Qvalue

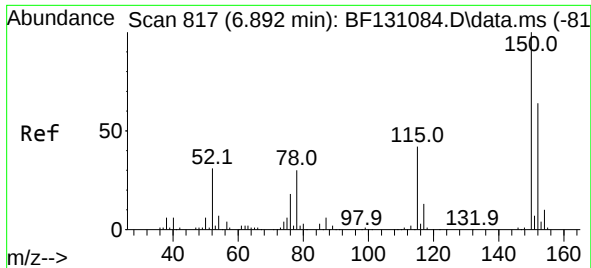
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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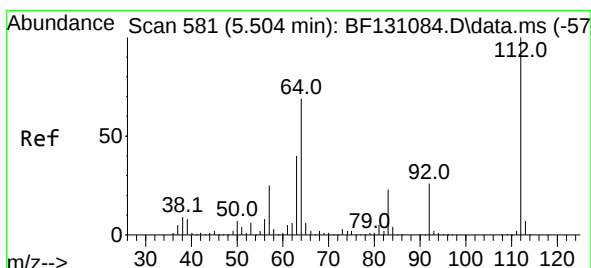
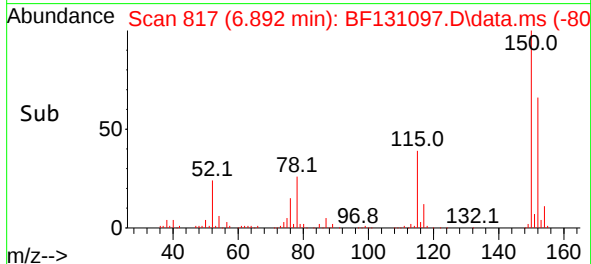
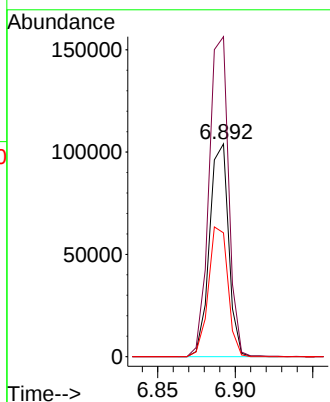
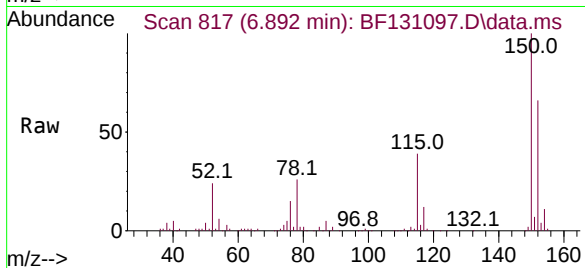




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 817
 Delta R.T. 0.000 min
 Lab File: BF131097.D
 Acq: 09 Nov 2022 20:34

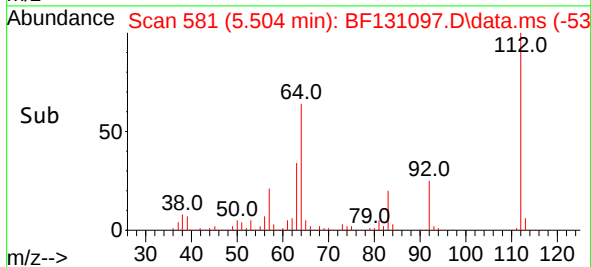
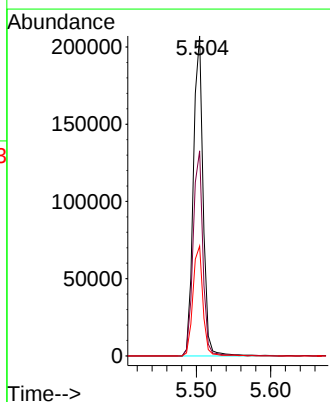
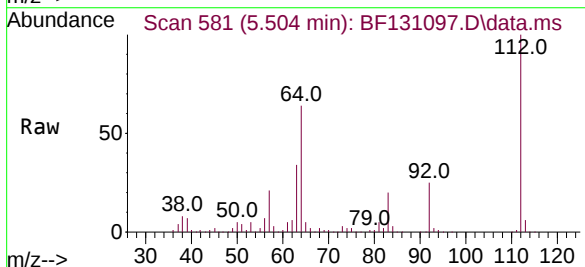
Instrument :
 BNA_F
 ClientSampleId :
 506D-3

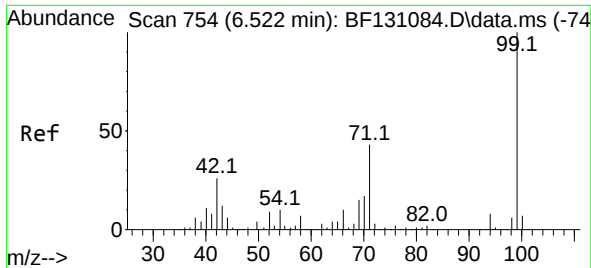
Tgt Ion:152 Resp: 89481
 Ion Ratio Lower Upper
 152 100
 150 150.4 125.5 188.3
 115 58.2 52.2 78.2



#5
 2-Fluorophenol
 Concen: 36.052 ng
 RT: 5.504 min Scan# 581
 Delta R.T. 0.000 min
 Lab File: BF131097.D
 Acq: 09 Nov 2022 20:34

Tgt Ion:112 Resp: 189694
 Ion Ratio Lower Upper
 112 100
 64 64.1 55.1 82.7
 63 34.3 32.4 48.6

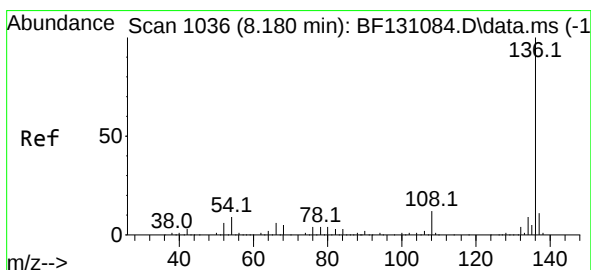
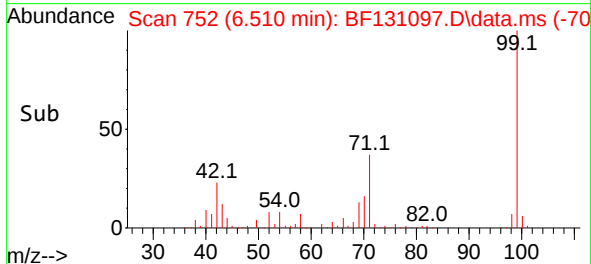
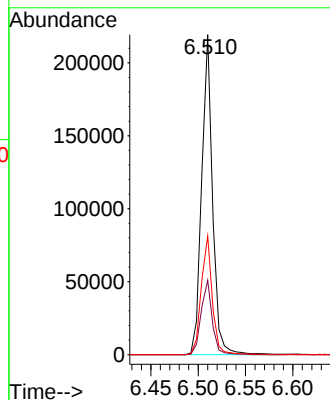
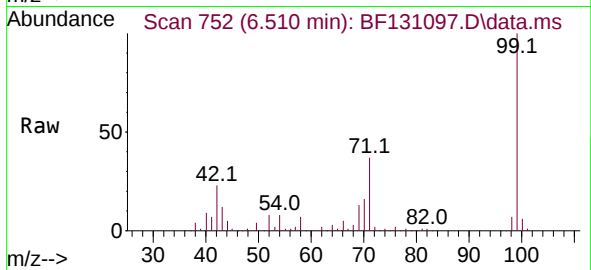




#7
Phenol-d6
Concen: 25.355 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131097.D
Acq: 09 Nov 2022 20:34

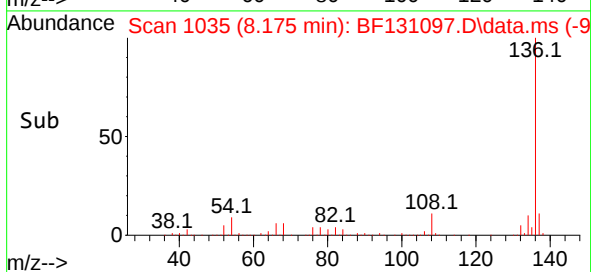
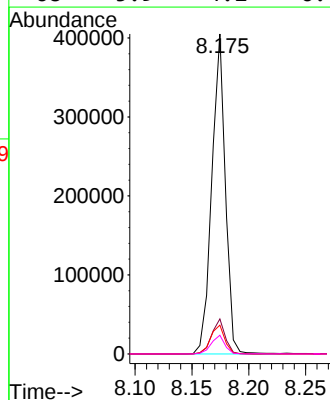
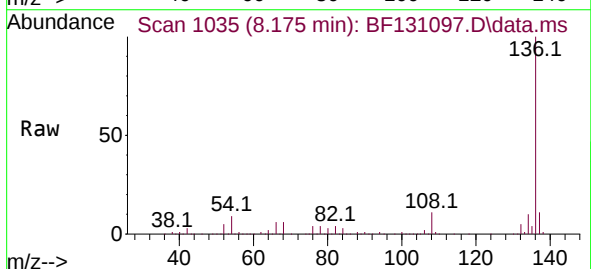
Instrument :
BNA_F
ClientSampleId :
506D-3

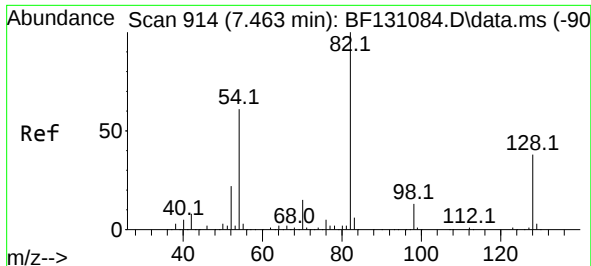
Tgt Ion: 99 Resp: 174415
Ion Ratio Lower Upper
99 100
42 23.2 20.8 31.2
71 37.1 34.2 51.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.005 min
Lab File: BF131097.D
Acq: 09 Nov 2022 20:34

Tgt Ion: 136 Resp: 336863
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.0 7.2 10.8
68 5.9 4.2 6.4





#23

Nitrobenzene-d5

Concen: 59.027 ng

RT: 7.457 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF131097.D

Acq: 09 Nov 2022 20:34

Instrument :

BNA_F

ClientSampleId :

506D-3

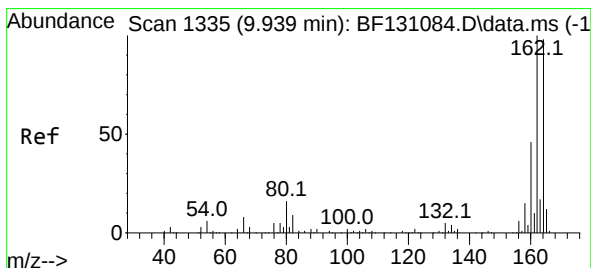
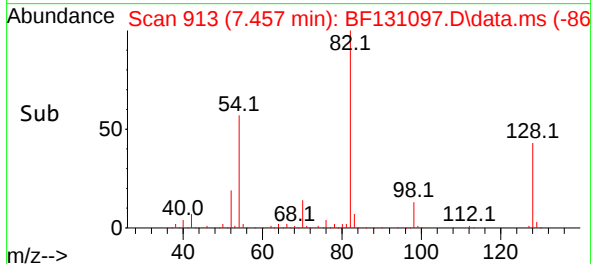
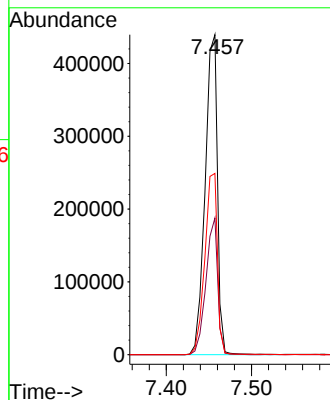
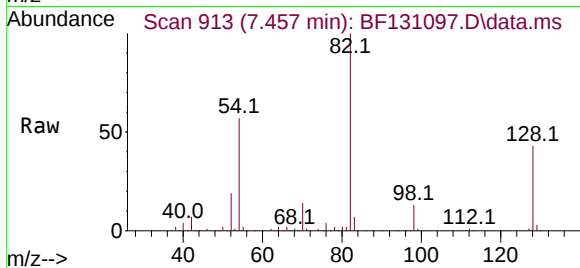
Tgt Ion: 82 Resp: 440703

Ion Ratio Lower Upper

82 100

128 42.7 30.5 45.7

54 56.7 49.1 73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF131097.D

Acq: 09 Nov 2022 20:34

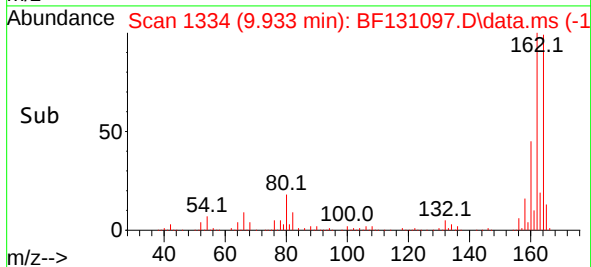
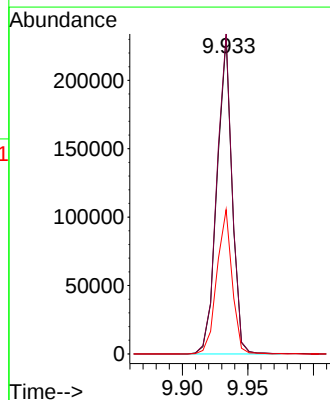
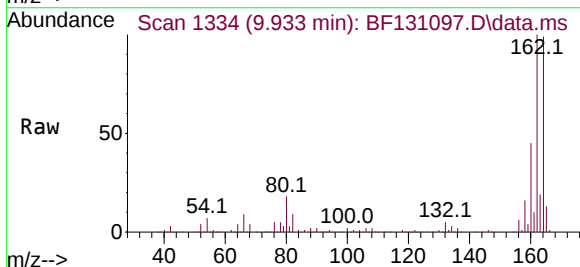
Tgt Ion:164 Resp: 184951

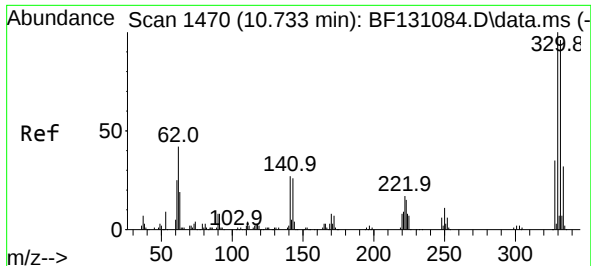
Ion Ratio Lower Upper

164 100

162 101.0 81.7 122.5

160 45.5 37.4 56.2





#42

2,4,6-Tribromophenol

Concen: 67.024 ng

RT: 10.722 min Scan# 1468

Delta R.T. -0.012 min

Lab File: BF131097.D

Acq: 09 Nov 2022 20:34

Instrument :

BNA_F

ClientSampleId :

506D-3

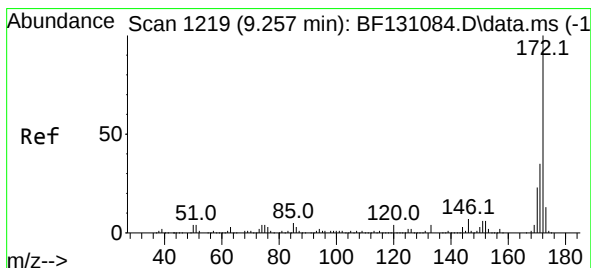
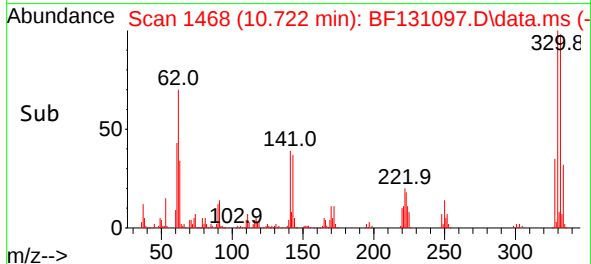
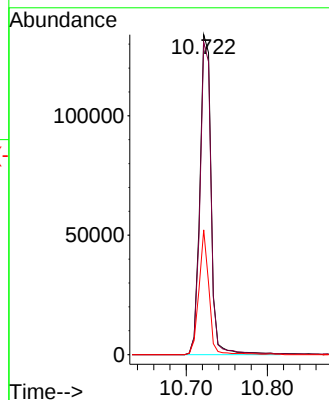
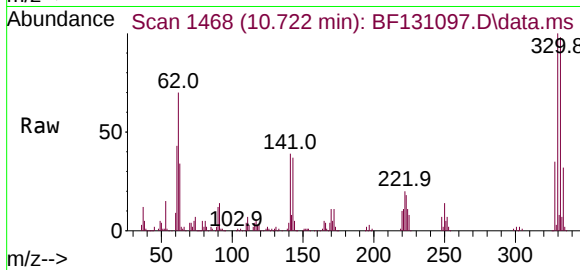
Tgt Ion:330 Resp: 128111

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.4

141 34.6 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 62.904 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131097.D

Acq: 09 Nov 2022 20:34

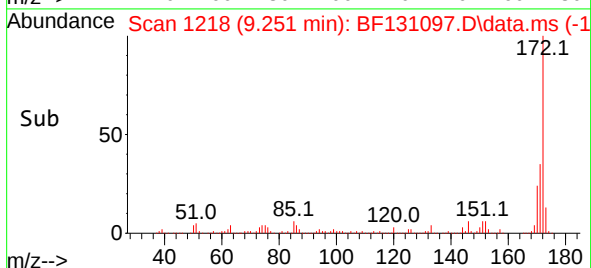
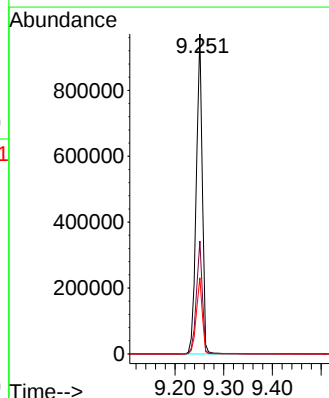
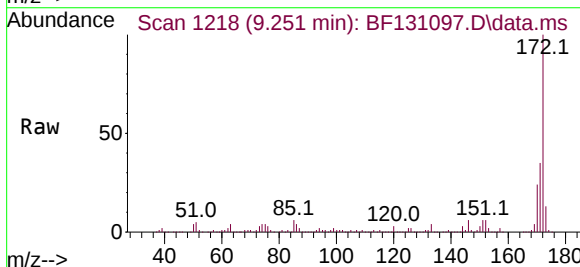
Tgt Ion:172 Resp: 833406

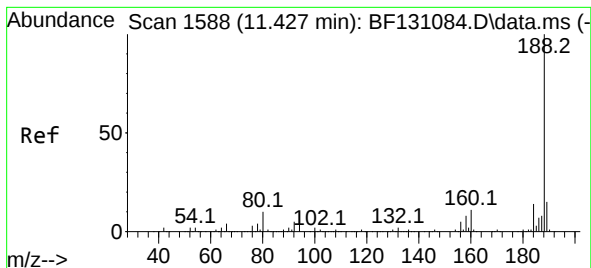
Ion Ratio Lower Upper

172 100

171 35.3 27.7 41.5

170 23.8 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.421 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131097.D

Acq: 09 Nov 2022 20:34

Instrument :

BNA_F

ClientSampleId :

506D-3

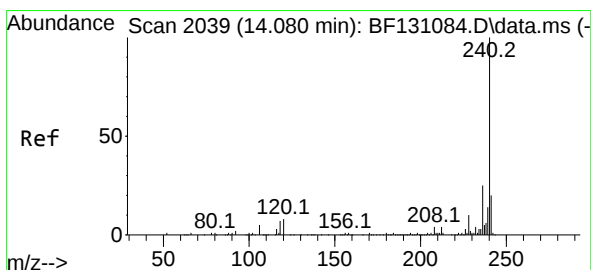
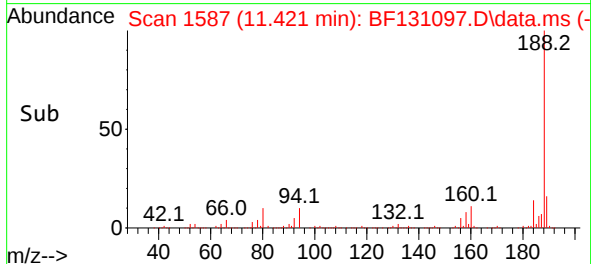
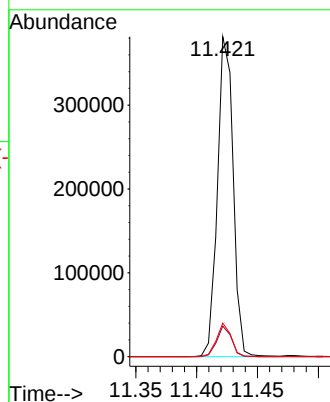
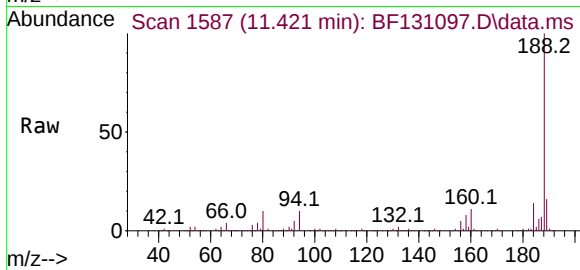
Tgt Ion:188 Resp: 343196

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.6

80 10.5 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2037

Delta R.T. -0.012 min

Lab File: BF131097.D

Acq: 09 Nov 2022 20:34

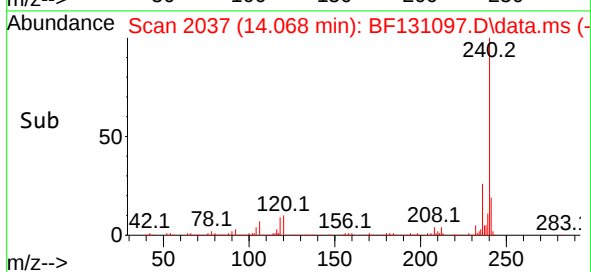
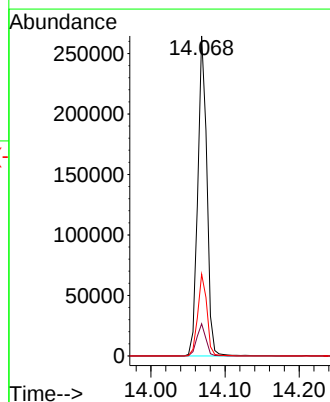
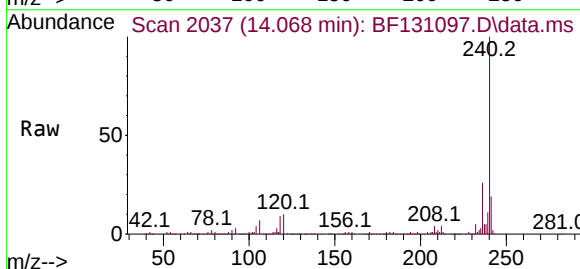
Tgt Ion:240 Resp: 225818

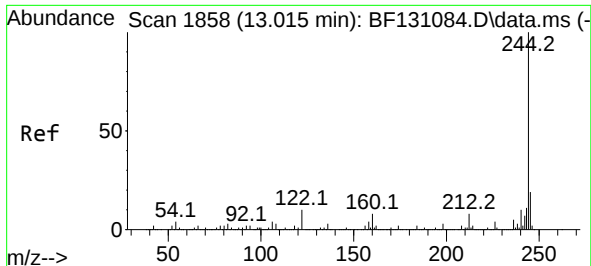
Ion Ratio Lower Upper

240 100

120 10.0 6.5 9.7#

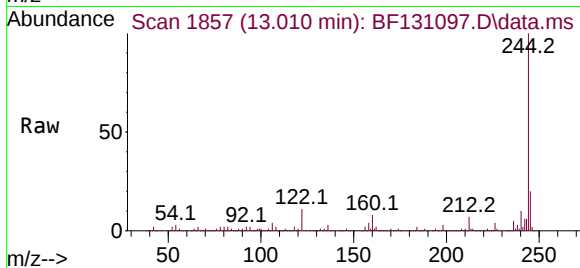
236 25.5 19.7 29.5



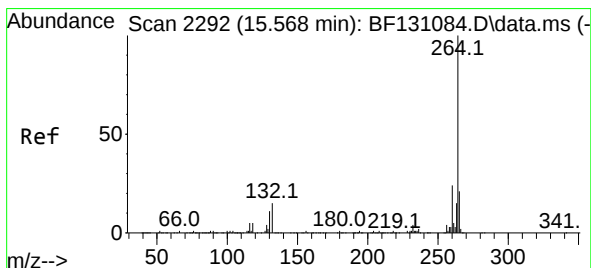
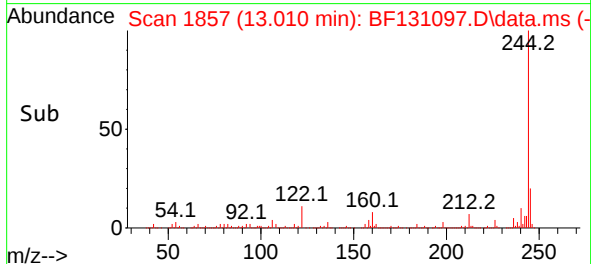
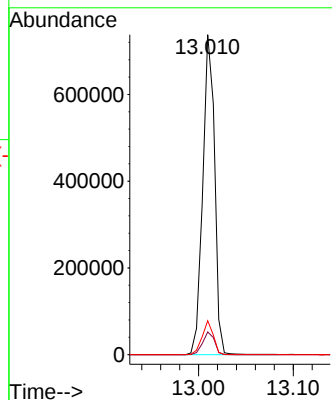


#79
 Terphenyl-d14
 Concen: 49.811 ng
 RT: 13.010 min Scan# 1858
 Delta R.T. -0.005 min
 Lab File: BF131097.D
 Acq: 09 Nov 2022 20:34

Instrument :
 BNA_F
 ClientSampleId :
 506D-3



Tgt Ion:244 Resp: 641535
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 10.6 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF131097.D
 Acq: 09 Nov 2022 20:34

Tgt Ion:264 Resp: 172797
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.1 28.7
 265 21.4 16.7 25.1

