

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
 Data File : BF131107.D
 Acq On : 10 Nov 2022 01:35
 Operator : CG\JU
 Sample : N5491-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Nov 10 05:07:30 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	6.893	152	83046	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	315972	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	172298	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	315028	20.000	ng	0.00
76) Chrysene-d12	14.069	240	203266	20.000	ng	#-0.01
86) Perylene-d12	15.563	264	174252	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	687251	140.735	ng	0.02
7) Phenol-d6	6.522	99	797735	124.953	ng	0.00
23) Nitrobenzene-d5	7.457	82	615124	87.836	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	273745	153.733	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1114222	90.275	ng	0.00
79) Terphenyl-d14	13.016	244	1205212	103.959	ng	0.00

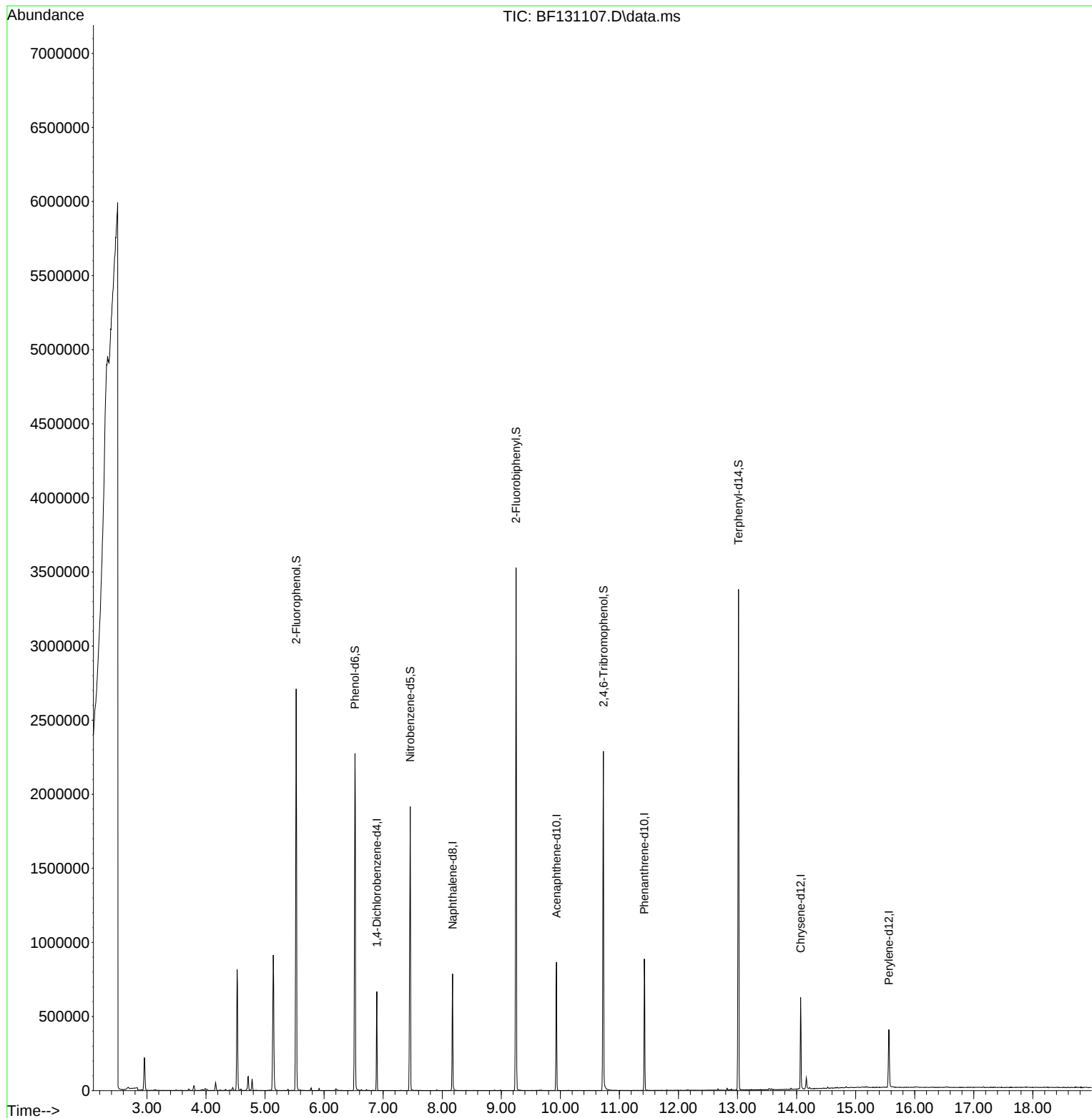
Target Compounds	Qvalue

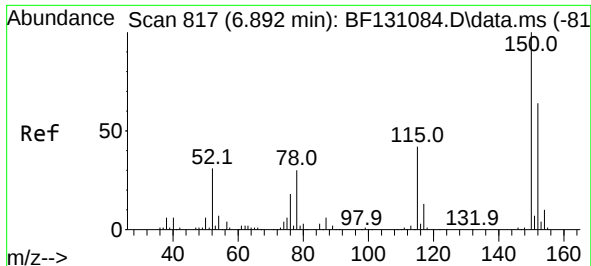
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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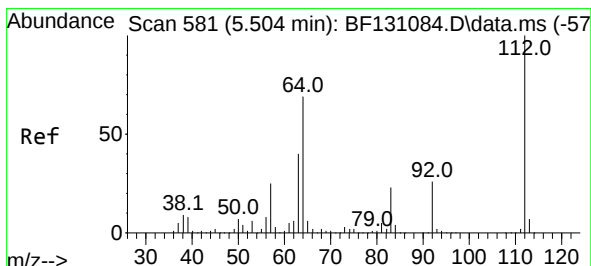
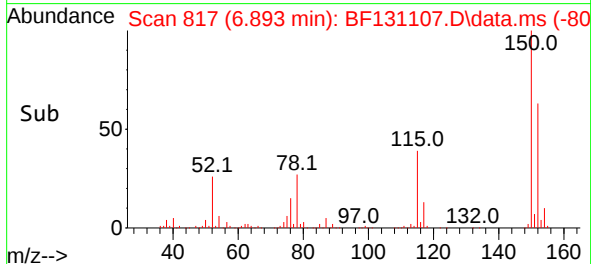
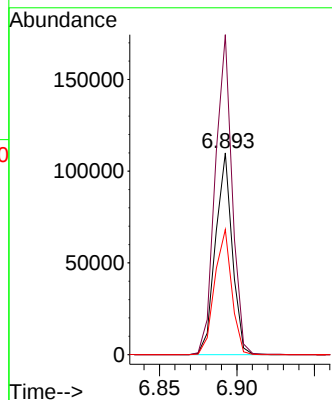
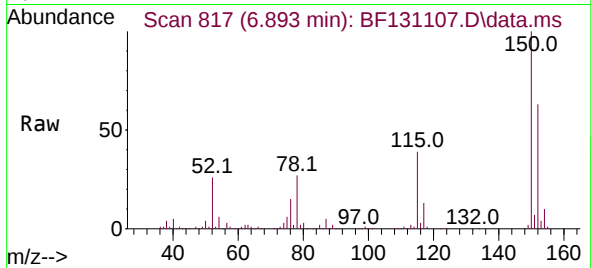




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 81
Delta R.T. 0.001 min
Lab File: BF131107.D
Acq: 10 Nov 2022 01:35

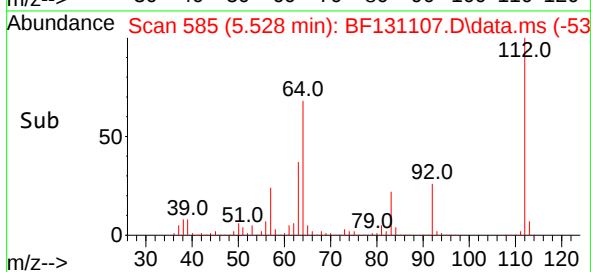
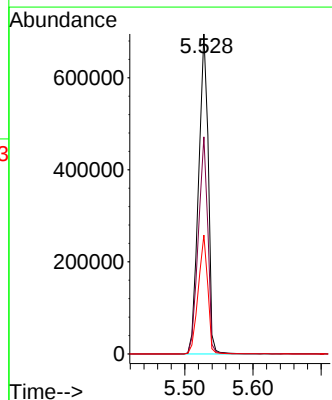
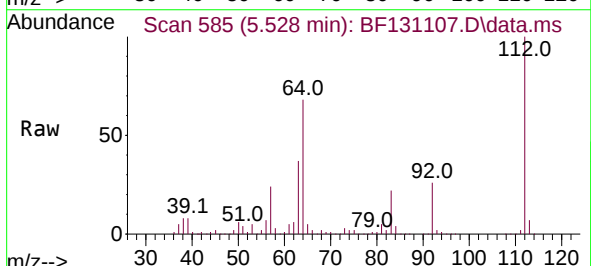
Instrument :
BNA_F
ClientSampleId :
TP-1

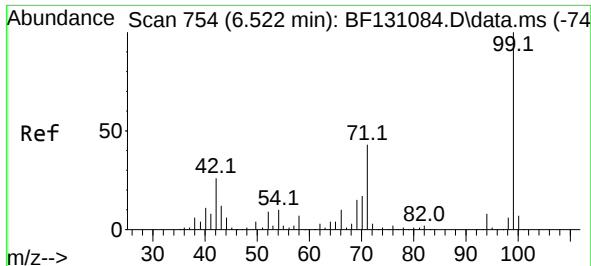
Tgt Ion:152 Resp: 83046
Ion Ratio Lower Upper
152 100
150 158.7 125.5 188.3
115 62.0 52.2 78.2



#5
2-Fluorophenol
Concen: 140.735 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.024 min
Lab File: BF131107.D
Acq: 10 Nov 2022 01:35

Tgt Ion:112 Resp: 687251
Ion Ratio Lower Upper
112 100
64 67.8 55.1 82.7
63 37.1 32.4 48.6

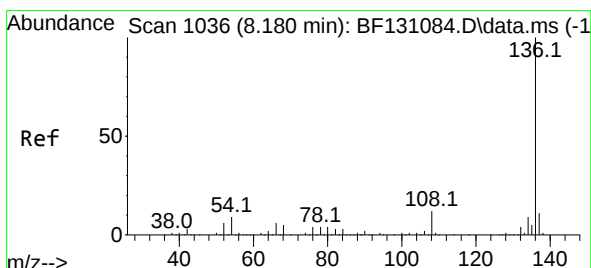
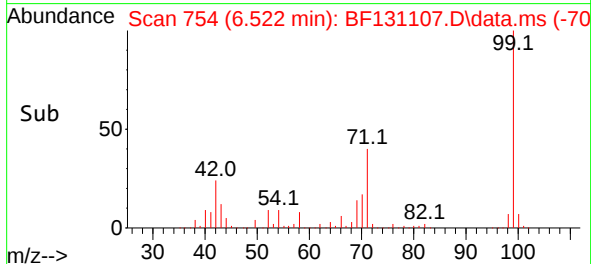
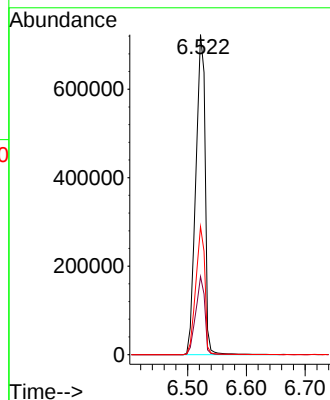
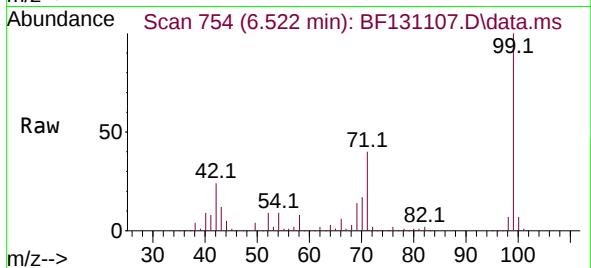




#7
Phenol-d6
Concen: 124.953 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131107.D
Acq: 10 Nov 2022 01:35

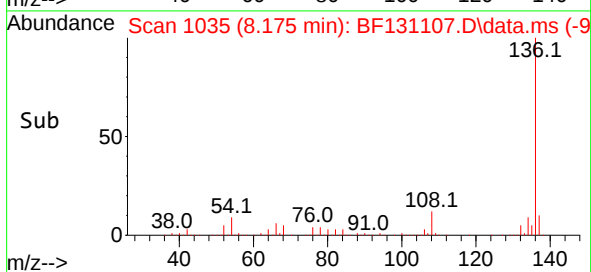
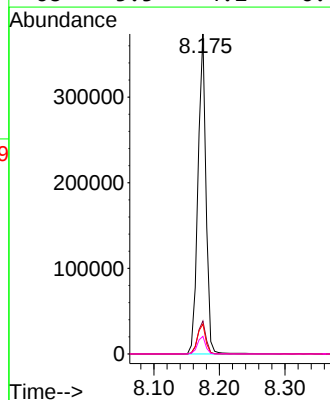
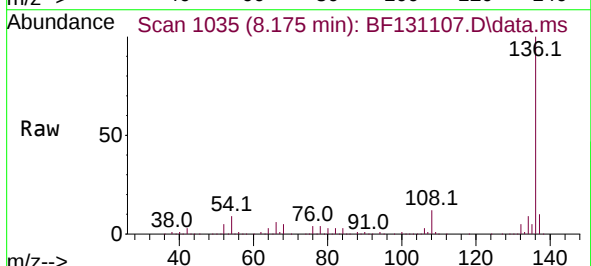
Instrument :
BNA_F
ClientSampleId :
TP-1

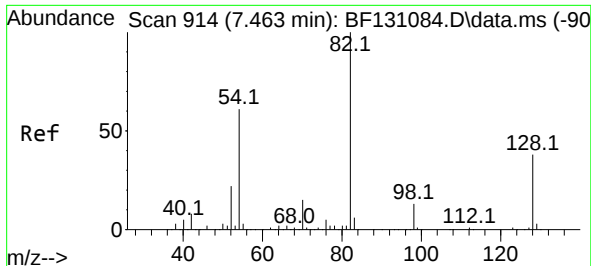
Tgt Ion: 99 Resp: 797735
Ion Ratio Lower Upper
99 100
42 24.4 20.8 31.2
71 40.0 34.2 51.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.005 min
Lab File: BF131107.D
Acq: 10 Nov 2022 01:35

Tgt Ion: 136 Resp: 315972
Ion Ratio Lower Upper
136 100
137 10.3 8.6 12.8
54 9.3 7.2 10.8
68 5.5 4.2 6.4





#23

Nitrobenzene-d5

Concen: 87.836 ng

RT: 7.457 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF131107.D

Acq: 10 Nov 2022 01:35

Instrument :

BNA_F

ClientSampleId :

TP-1

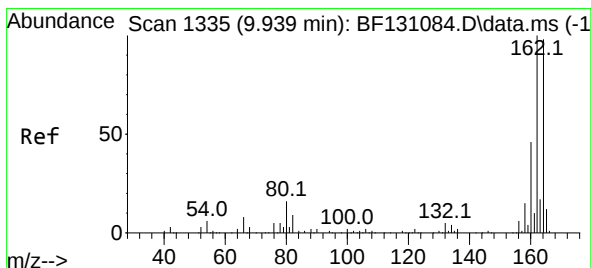
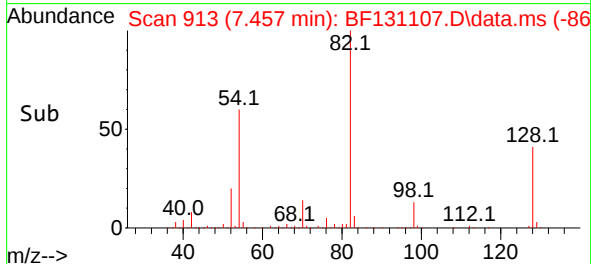
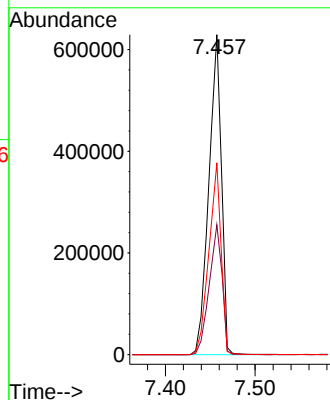
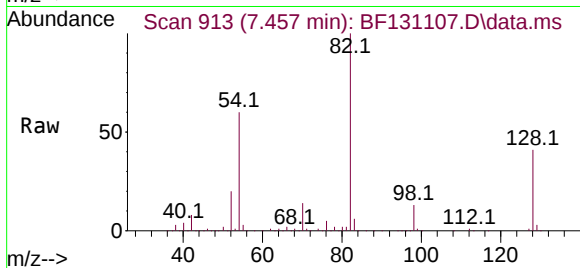
Tgt Ion: 82 Resp: 615124

Ion Ratio Lower Upper

82 100

128 40.6 30.5 45.7

54 59.9 49.1 73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1334

Delta R.T. -0.005 min

Lab File: BF131107.D

Acq: 10 Nov 2022 01:35

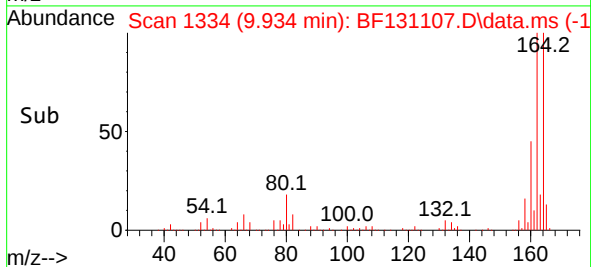
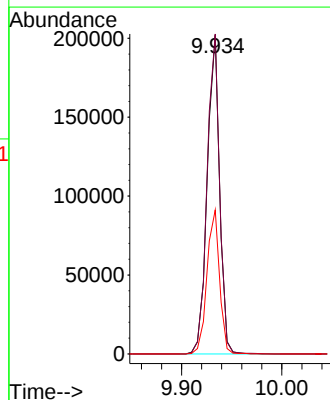
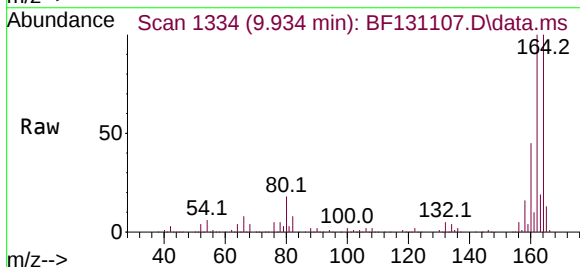
Tgt Ion:164 Resp: 172298

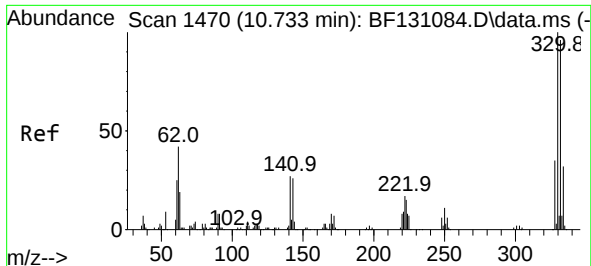
Ion Ratio Lower Upper

164 100

162 100.4 81.7 122.5

160 45.2 37.4 56.2





#42

2,4,6-Tribromophenol

Concen: 153.733 ng

RT: 10.728 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131107.D

Acq: 10 Nov 2022 01:35

Instrument :

BNA_F

ClientSampleId :

TP-1

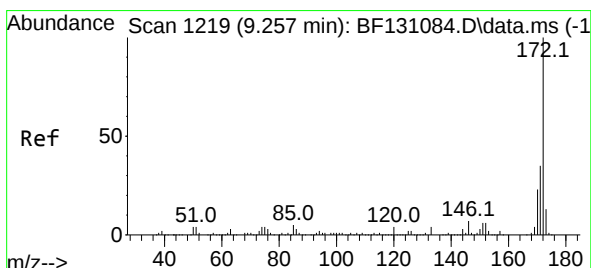
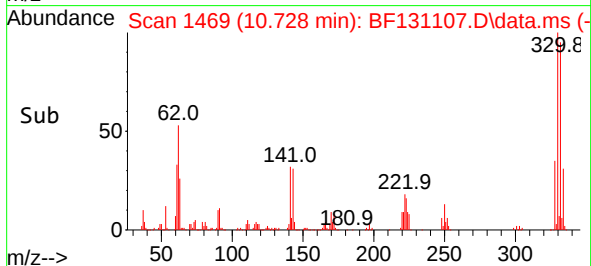
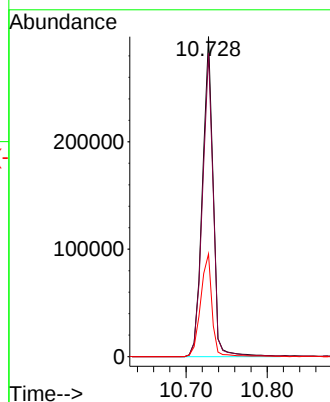
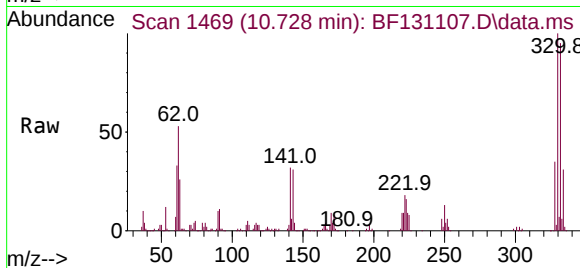
Tgt Ion:330 Resp: 273745

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.4

141 34.0 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 90.275 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131107.D

Acq: 10 Nov 2022 01:35

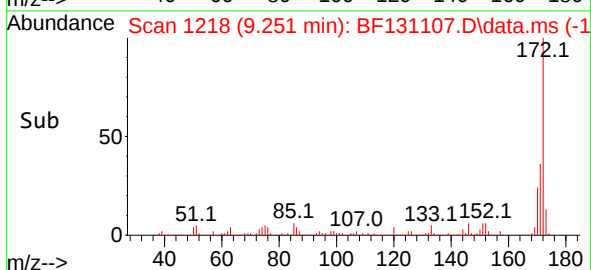
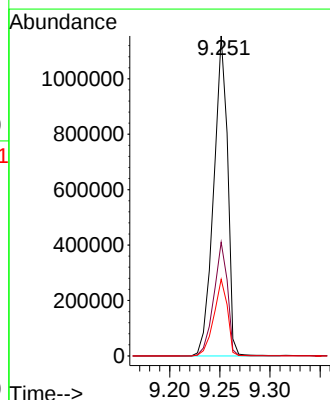
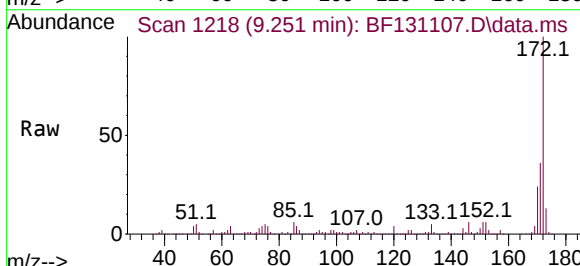
Tgt Ion:172 Resp: 1114222

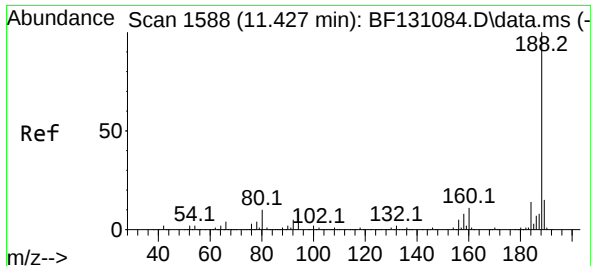
Ion Ratio Lower Upper

172 100

171 35.5 27.7 41.5

170 23.9 18.8 28.2

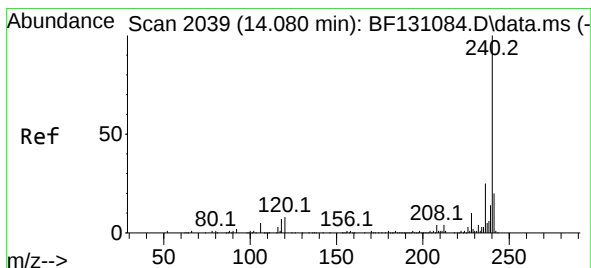
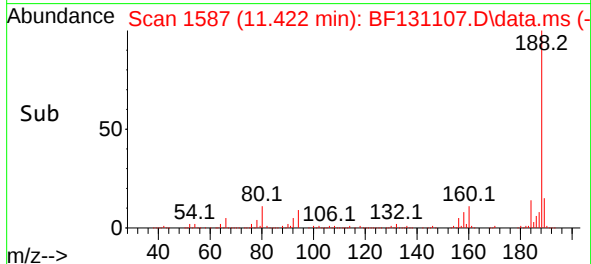
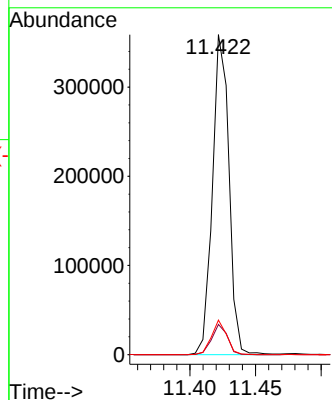
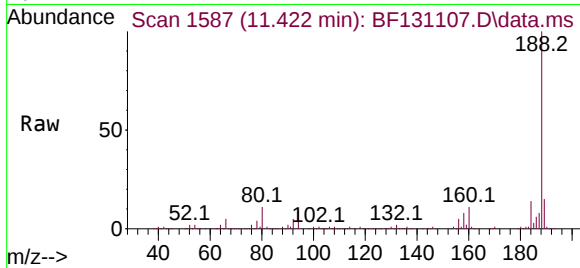




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF131107.D
Acq: 10 Nov 2022 01:35

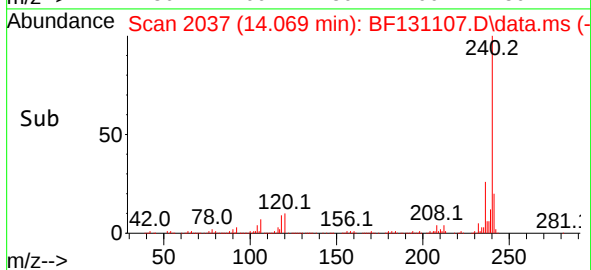
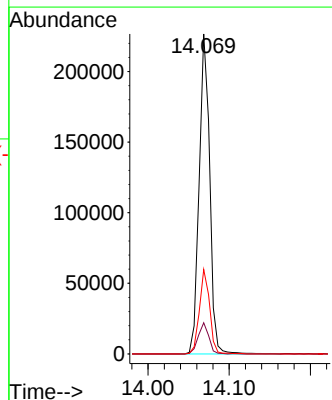
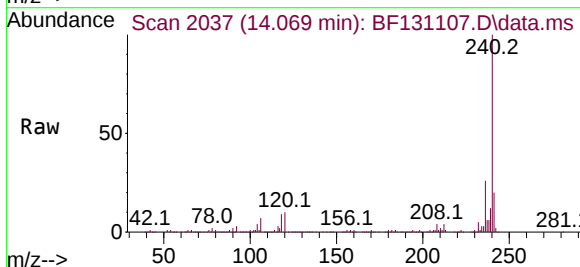
Instrument :
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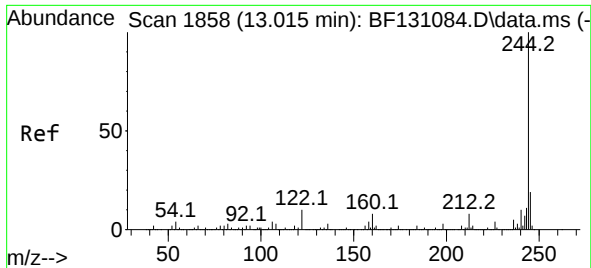
Tgt Ion:188 Resp: 315028
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 10.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2037
Delta R.T. -0.011 min
Lab File: BF131107.D
Acq: 10 Nov 2022 01:35

Tgt Ion:240 Resp: 203266
Ion Ratio Lower Upper
240 100
120 9.7 6.5 9.7#
236 26.4 19.7 29.5

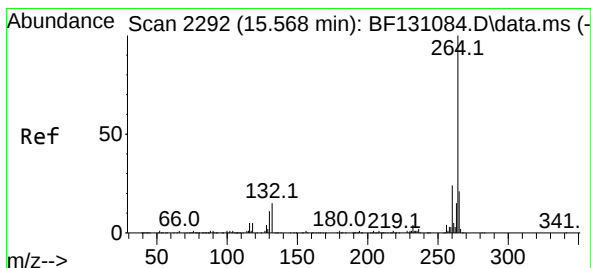
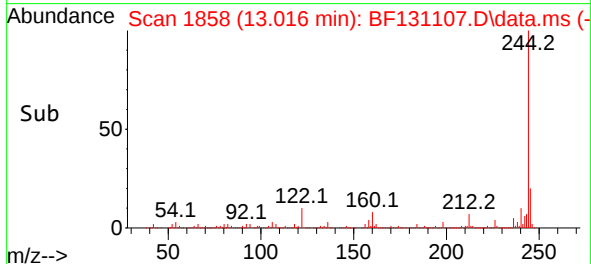
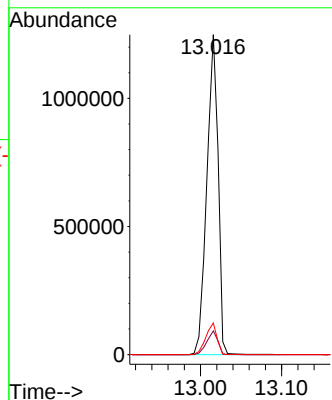
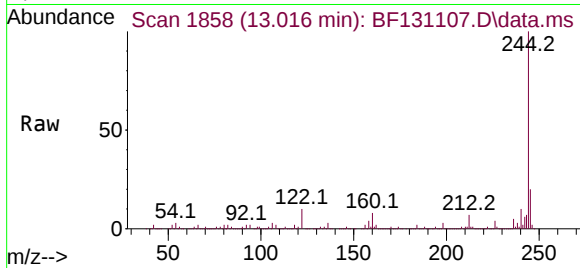




#79
 Terphenyl-d14
 Concen: 103.959 ng
 RT: 13.016 min Scan# 1858
 Delta R.T. 0.001 min
 Lab File: BF131107.D
 Acq: 10 Nov 2022 01:35

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 1205212
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 9.9 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF131107.D
 Acq: 10 Nov 2022 01:35

Tgt Ion:264 Resp: 174252
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 20.5 16.7 25.1

