

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
 Data File : BF131108.D
 Acq On : 10 Nov 2022 02:04
 Operator : CG\JU
 Sample : N5491-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Nov 10 04:35:52 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	93316	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	364536	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	197347	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	371467	20.000	ng	0.00
76) Chrysene-d12	14.068	240	235933	20.000	ng	#-0.01
86) Perylene-d12	15.562	264	175781	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	737086	134.328	ng	0.03
7) Phenol-d6	6.528	99	891208	124.231	ng	0.00
23) Nitrobenzene-d5	7.457	82	680227	84.192	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	311817	152.887	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1210028	85.594	ng	0.00
79) Terphenyl-d14	13.016	244	1407333	104.585	ng	0.00

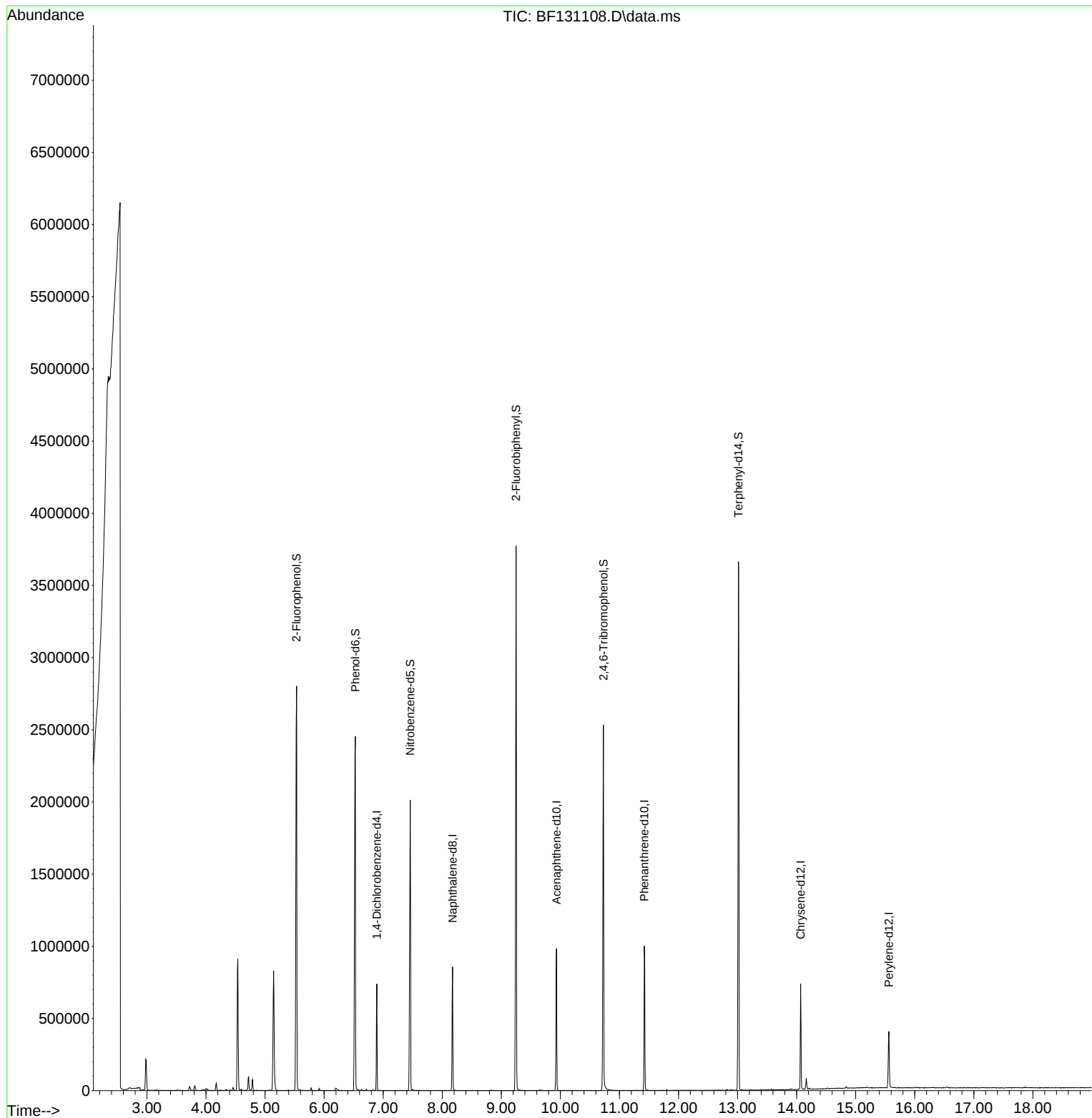
Target Compounds	Qvalue

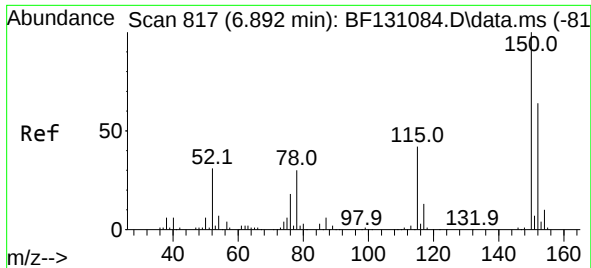
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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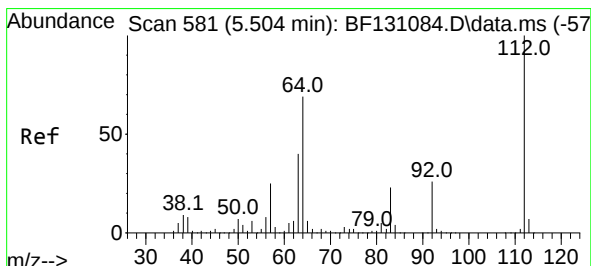
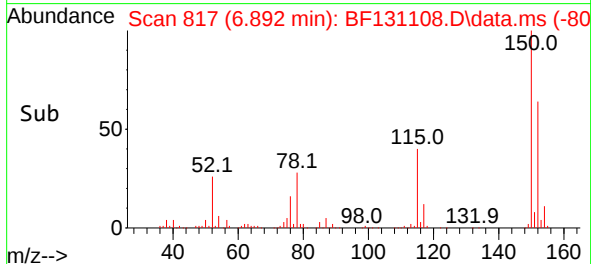
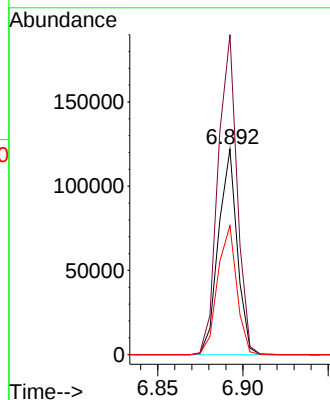
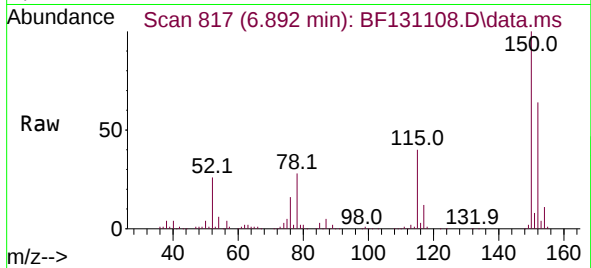




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131108.D
Acq: 10 Nov 2022 02:04

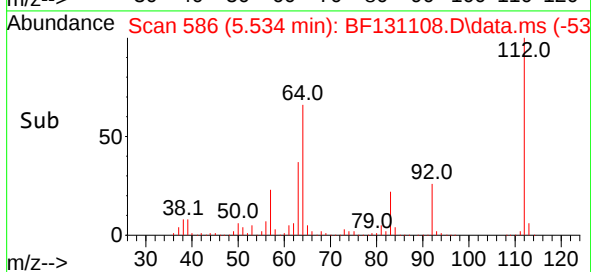
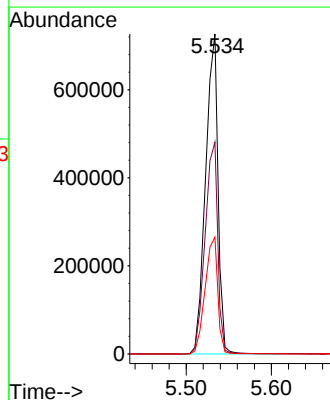
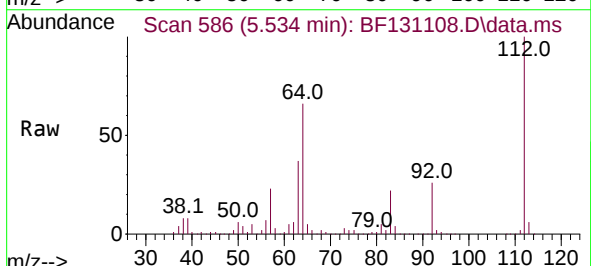
Instrument :
BNA_F
ClientSampleId :
TP-2

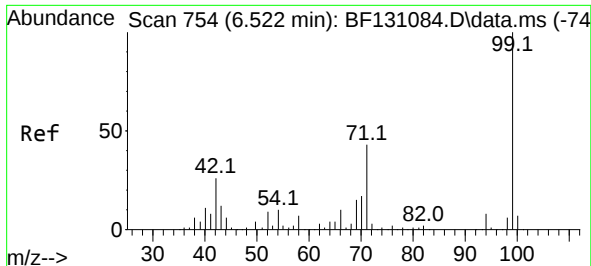
Tgt Ion:152 Resp: 93316
Ion Ratio Lower Upper
152 100
150 155.7 125.5 188.3
115 62.8 52.2 78.2



#5
2-Fluorophenol
Concen: 134.328 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.030 min
Lab File: BF131108.D
Acq: 10 Nov 2022 02:04

Tgt Ion:112 Resp: 737086
Ion Ratio Lower Upper
112 100
64 66.1 55.1 82.7
63 36.5 32.4 48.6





#7

Phenol-d6

Concen: 124.231 ng

RT: 6.528 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF131108.D

Acq: 10 Nov 2022 02:04

Instrument :

BNA_F

ClientSampleId :

TP-2

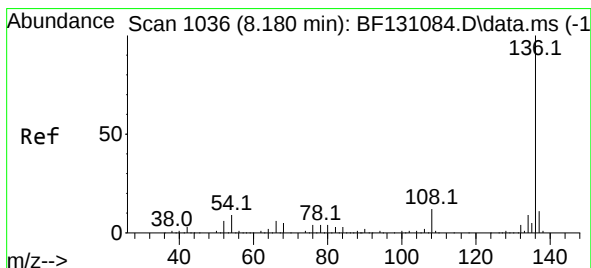
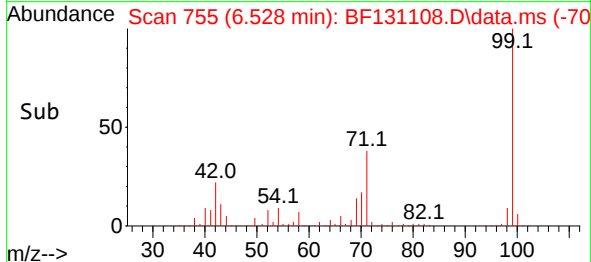
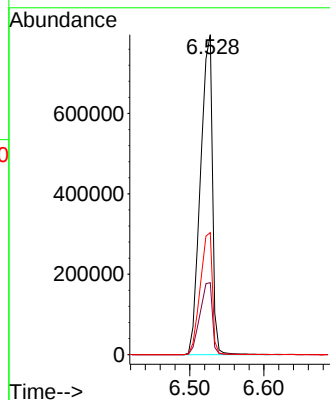
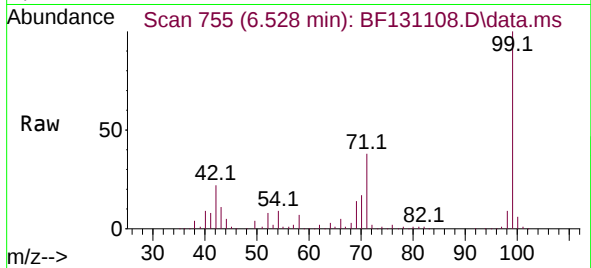
Tgt Ion: 99 Resp: 891208

Ion Ratio Lower Upper

99 100

42 22.5 20.8 31.2

71 38.1 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: BF131108.D

Acq: 10 Nov 2022 02:04

Tgt Ion: 136 Resp: 364536

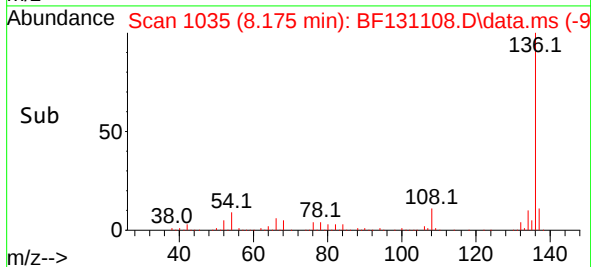
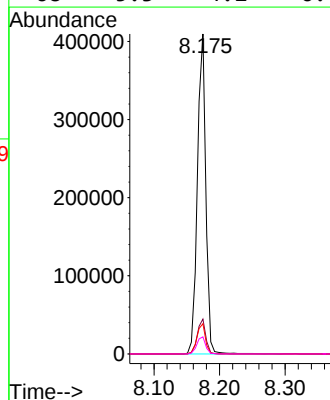
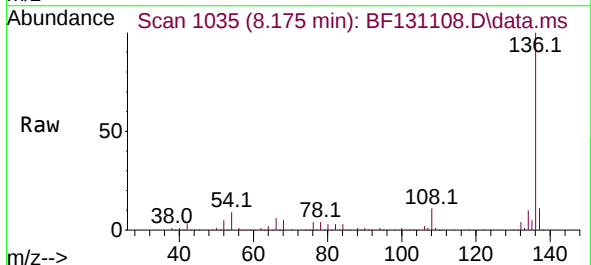
Ion Ratio Lower Upper

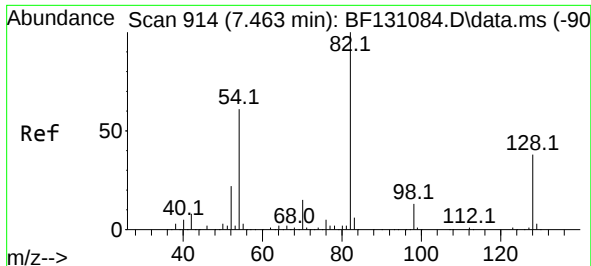
136 100

137 10.9 8.6 12.8

54 9.4 7.2 10.8

68 5.3 4.2 6.4





#23

Nitrobenzene-d5

Concen: 84.192 ng

RT: 7.457 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF131108.D

Acq: 10 Nov 2022 02:04

Instrument :

BNA_F

ClientSampleId :

TP-2

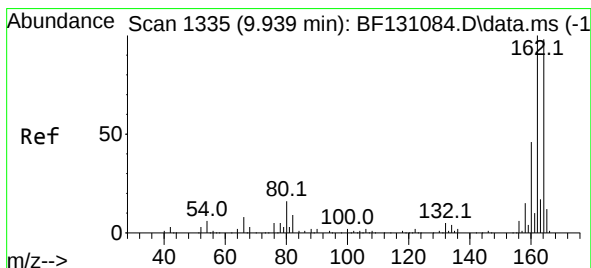
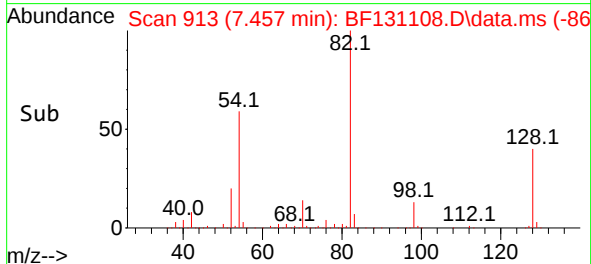
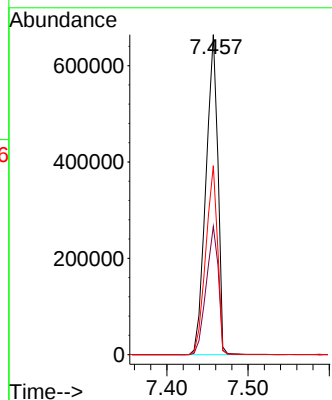
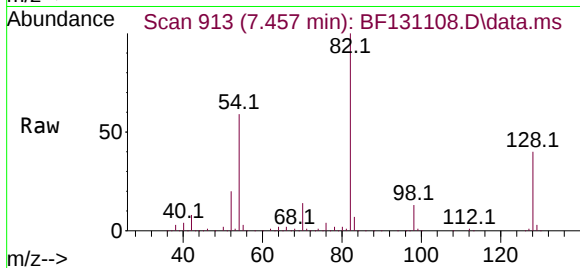
Tgt Ion: 82 Resp: 680227

Ion Ratio Lower Upper

82 100

128 40.1 30.5 45.7

54 59.0 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: BF131108.D

Acq: 10 Nov 2022 02:04

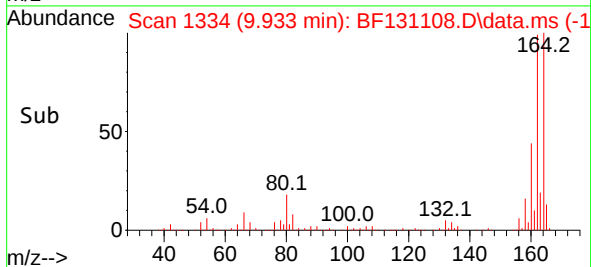
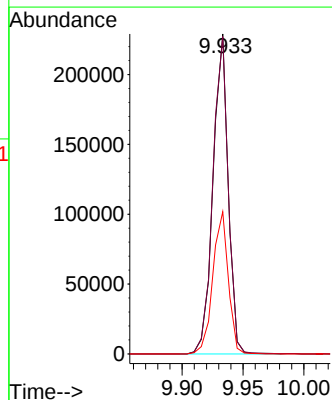
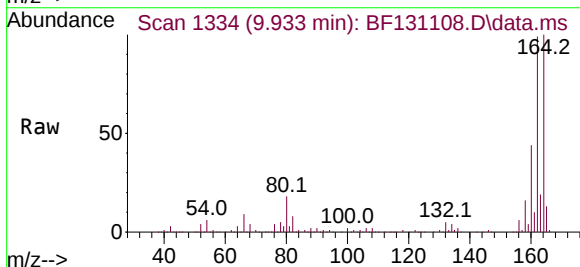
Tgt Ion:164 Resp: 197347

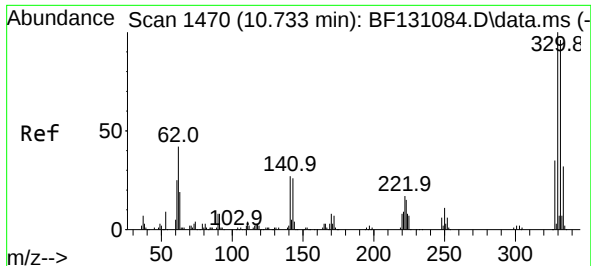
Ion Ratio Lower Upper

164 100

162 99.2 81.7 122.5

160 44.4 37.4 56.2





#42

2,4,6-Tribromophenol

Concen: 152.887 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131108.D

Acq: 10 Nov 2022 02:04

Instrument :

BNA_F

ClientSampleId :

TP-2

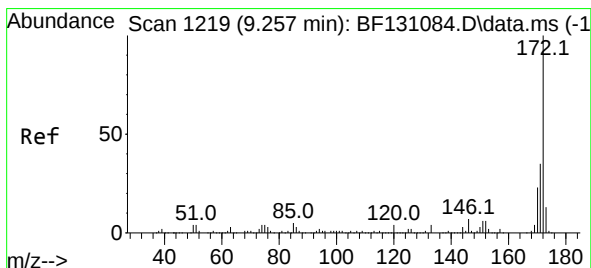
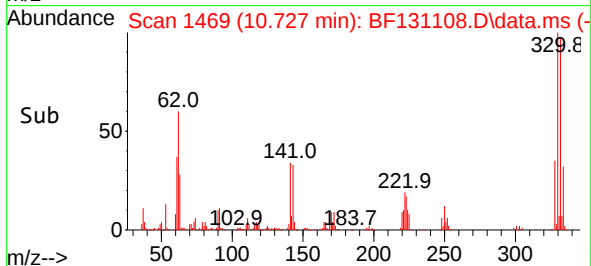
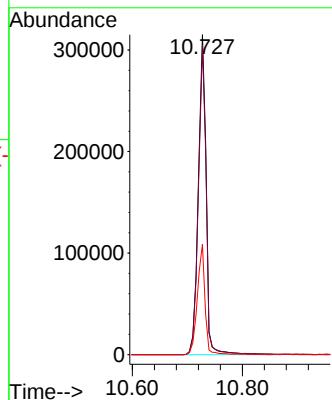
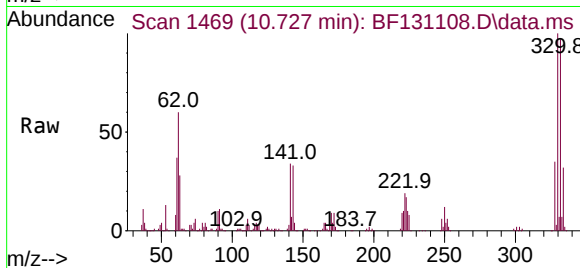
Tgt Ion:330 Resp: 311817

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.4

141 33.9 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 85.594 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131108.D

Acq: 10 Nov 2022 02:04

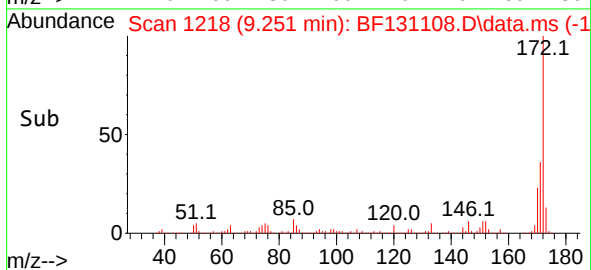
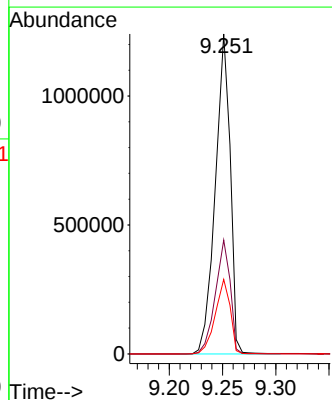
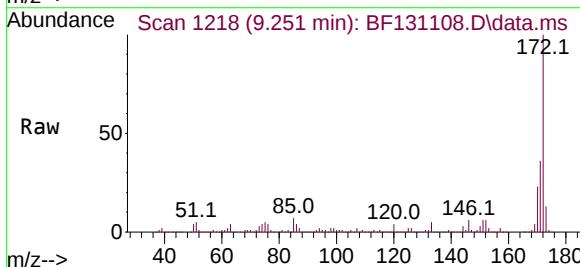
Tgt Ion:172 Resp: 1210028

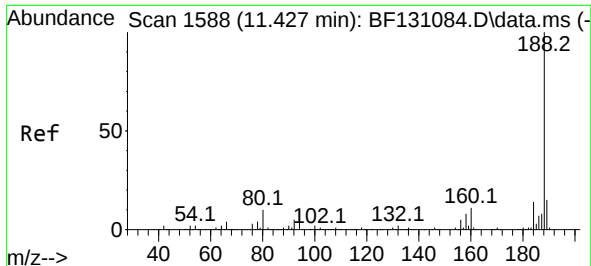
Ion Ratio Lower Upper

172 100

171 35.6 27.7 41.5

170 23.3 18.8 28.2

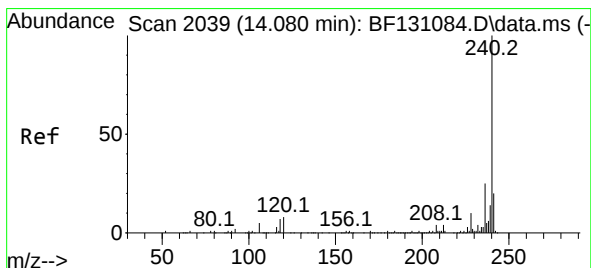
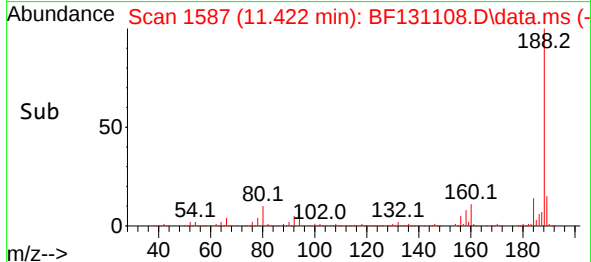
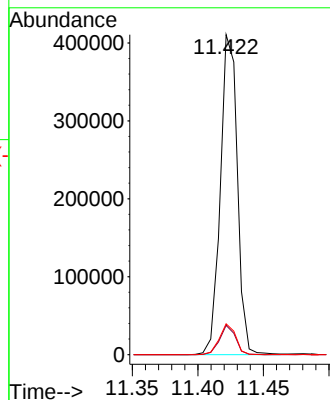
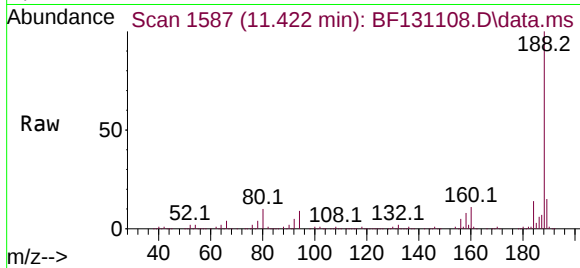




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF131108.D
Acq: 10 Nov 2022 02:04

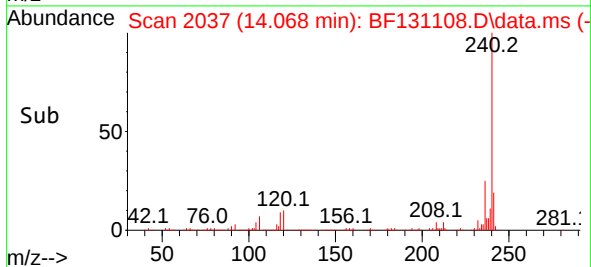
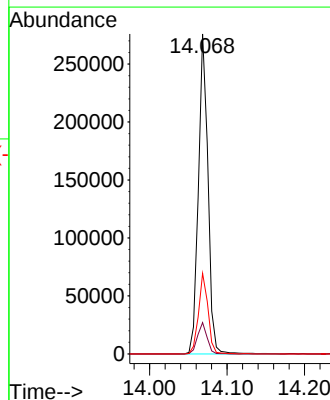
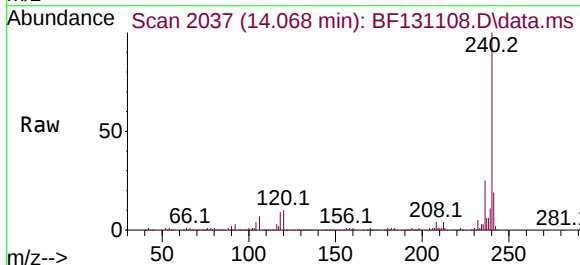
Instrument :
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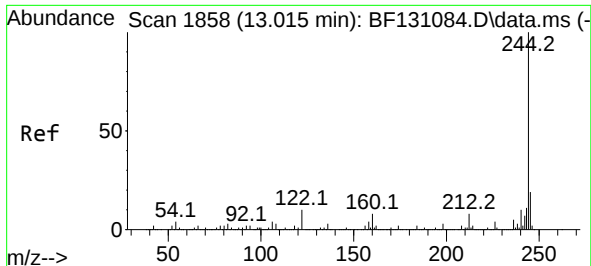
Tgt Ion:188 Resp: 371467
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.6
80 9.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.012 min
Lab File: BF131108.D
Acq: 10 Nov 2022 02:04

Tgt Ion:240 Resp: 235933
Ion Ratio Lower Upper
240 100
120 9.8 6.5 9.7#
236 25.2 19.7 29.5

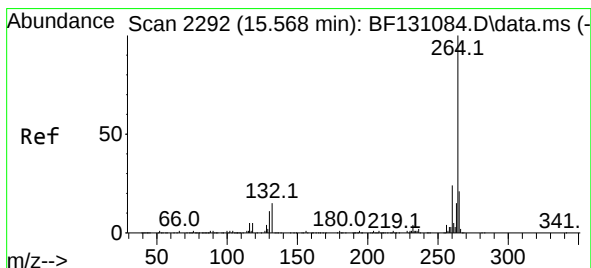
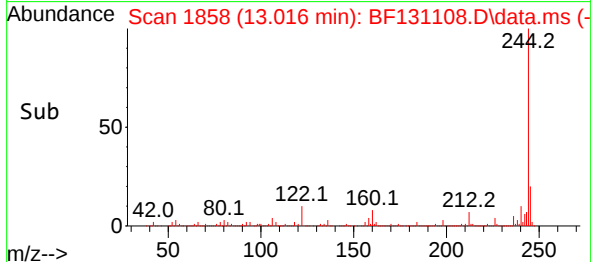
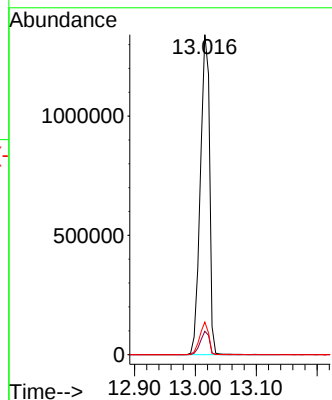
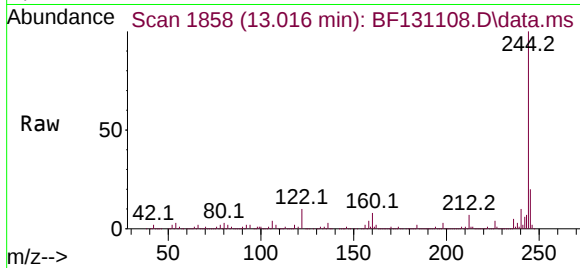




#79
 Terphenyl-d14
 Concen: 104.585 ng
 RT: 13.016 min Scan# 1858
 Delta R.T. 0.001 min
 Lab File: BF131108.D
 Acq: 10 Nov 2022 02:04

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 1407333
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 10.2 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: BF131108.D
 Acq: 10 Nov 2022 02:04

Tgt Ion:264 Resp: 175781
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.1 28.7
 265 21.2 16.7 25.1

