

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111722\
 Data File : BF131288.D
 Acq On : 17 Nov 2022 16:47
 Operator : CG\JU
 Sample : PB149128BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149128BL

Quant Time: Nov 18 05:04:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 18 01:41:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	80904	20.000	ng	0.00
21) Naphthalene-d8	8.257	136	314280	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	185080	20.000	ng	0.00
64) Phenanthrene-d10	11.522	188	346690	20.000	ng	0.00
76) Chrysene-d12	14.174	240	223002	20.000	ng	0.00
86) Perylene-d12	15.715	264	156174	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	632319	143.053	ng	0.01
7) Phenol-d6	6.587	99	786469	140.352	ng	0.00
23) Nitrobenzene-d5	7.534	82	517694	87.991	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	239345	145.271	ng	0.00
45) 2-Fluorobiphenyl	9.339	172	1056097	81.499	ng	0.00
79) Terphenyl-d14	13.122	244	1278160	85.674	ng	0.00

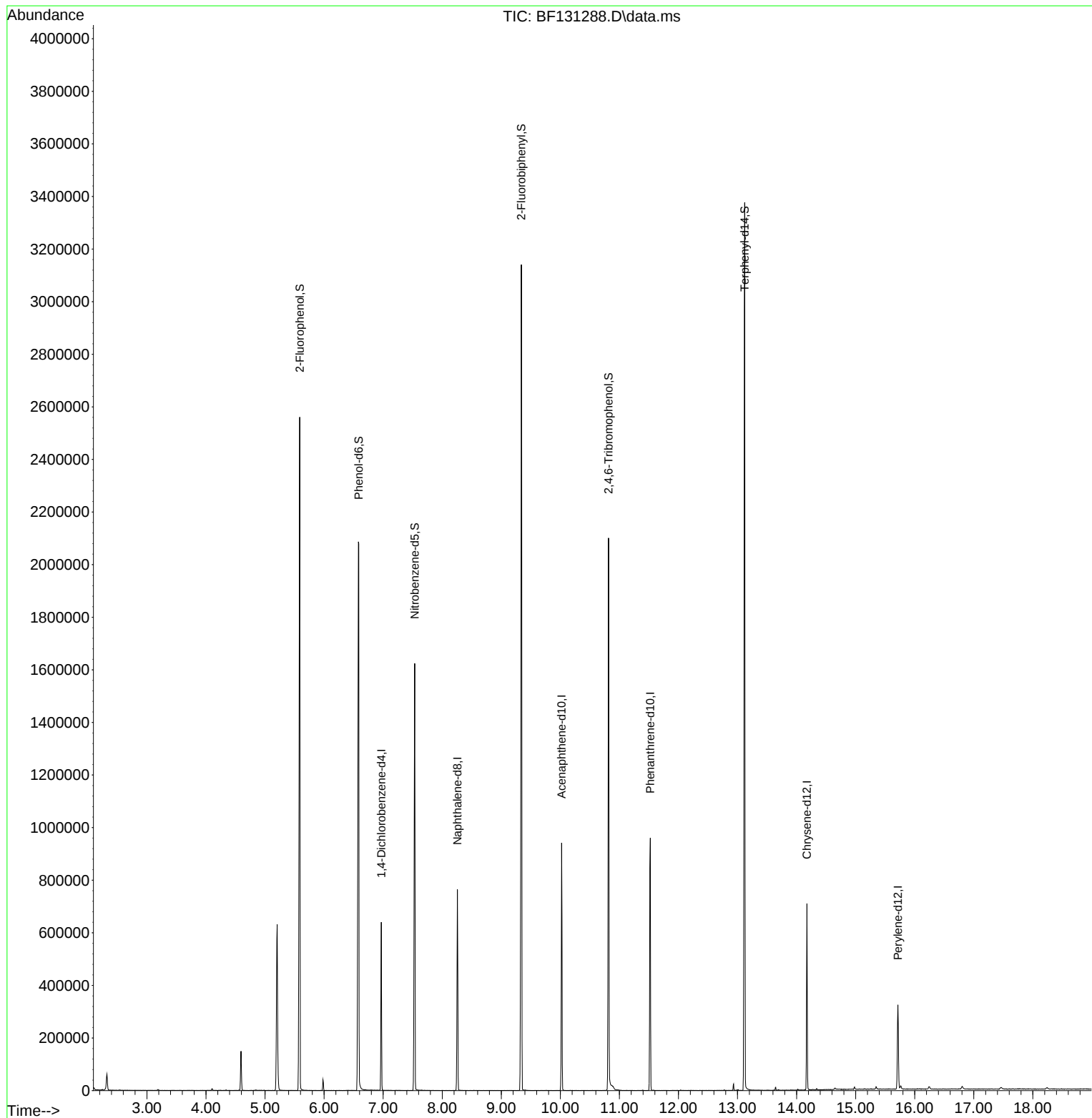
Target Compounds	Qvalue

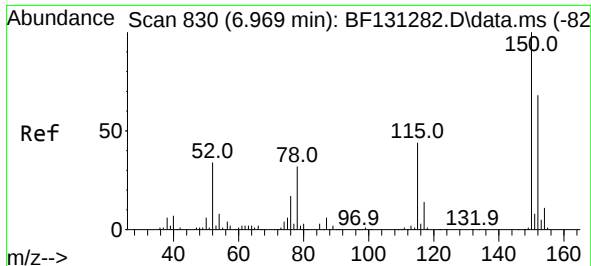
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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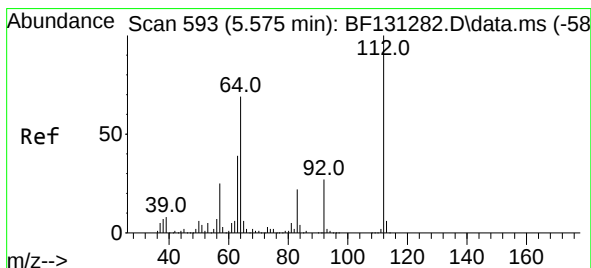
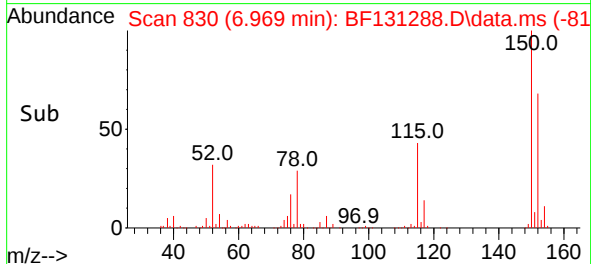
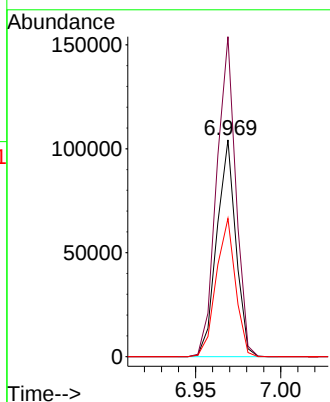
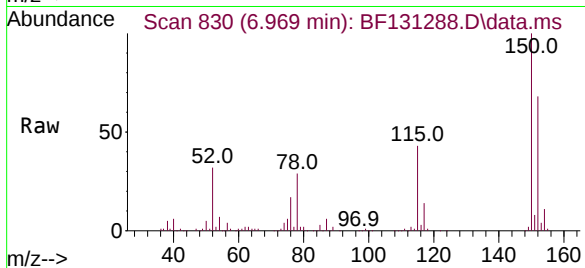




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF131288.D
Acq: 17 Nov 2022 16:47

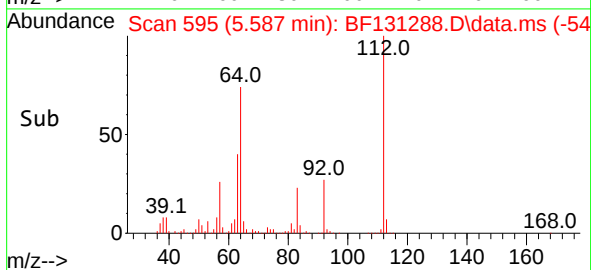
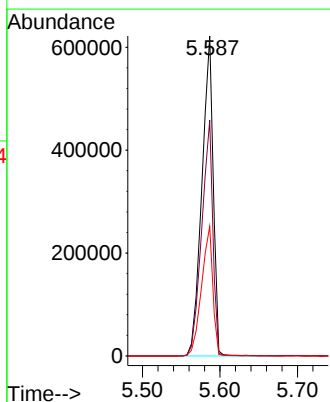
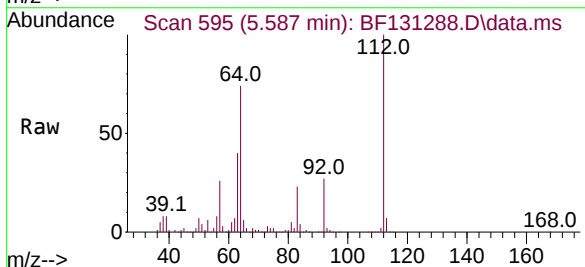
Instrument :
BNA_F
ClientSampleId :
PB149128BL

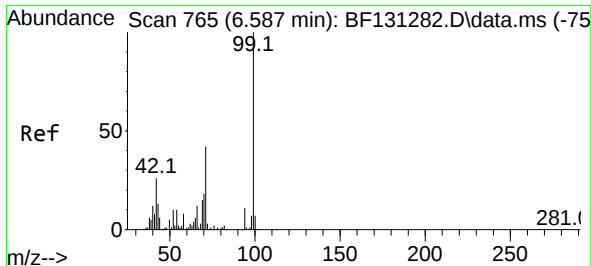
Tgt Ion:152 Resp: 80904
Ion Ratio Lower Upper
152 100
150 147.7 117.8 176.6
115 63.7 52.2 78.4



#5
2-Fluorophenol
Concen: 143.053 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.012 min
Lab File: BF131288.D
Acq: 17 Nov 2022 16:47

Tgt Ion:112 Resp: 632319
Ion Ratio Lower Upper
112 100
64 73.7 55.5 83.3
63 40.5 31.0 46.6

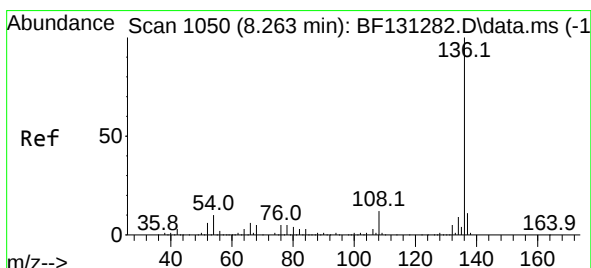
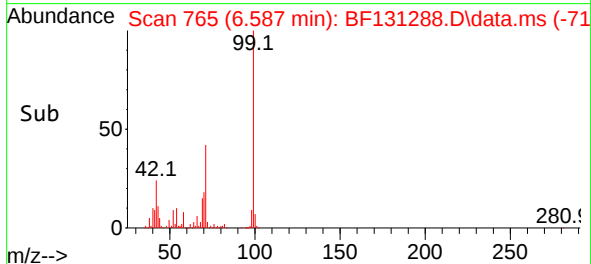
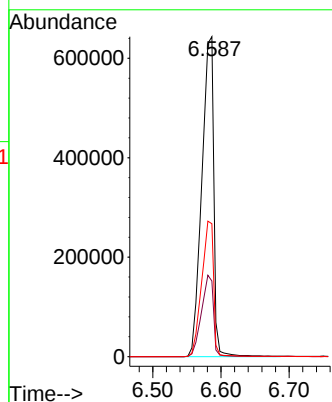
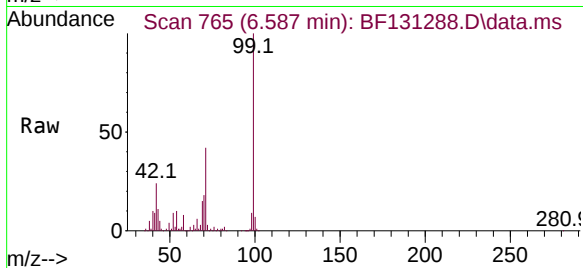




#7
Phenol-d6
Concen: 140.352 ng
RT: 6.587 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF131288.D
Acq: 17 Nov 2022 16:47

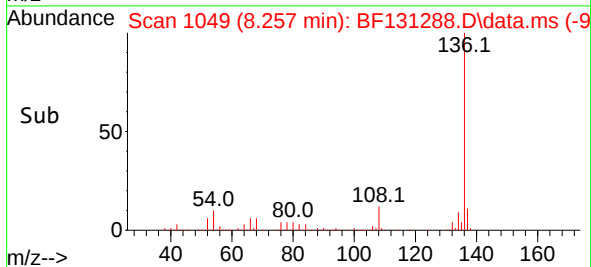
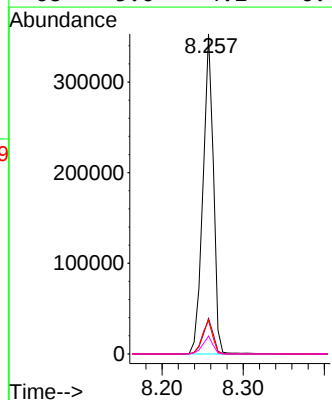
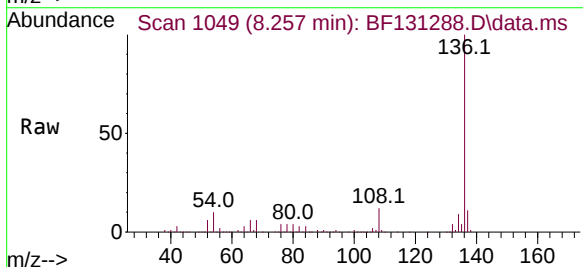
Instrument :
BNA_F
ClientSampleId :
PB149128BL

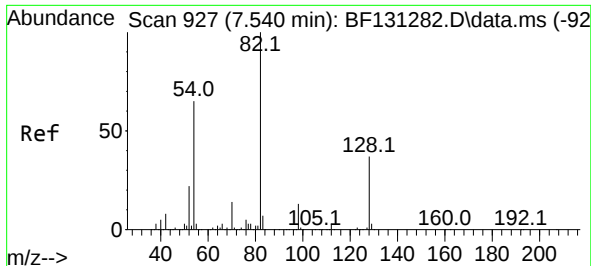
Tgt Ion: 99 Resp: 786469
Ion Ratio Lower Upper
99 100
42 23.6 21.2 31.8
71 41.5 33.8 50.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF131288.D
Acq: 17 Nov 2022 16:47

Tgt Ion: 136 Resp: 314280
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 10.4 8.2 12.2
68 5.6 4.2 6.4





#23

Nitrobenzene-d5

Concen: 87.991 ng

RT: 7.534 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF131288.D

Acq: 17 Nov 2022 16:47

Instrument :

BNA_F

ClientSampleId :

PB149128BL

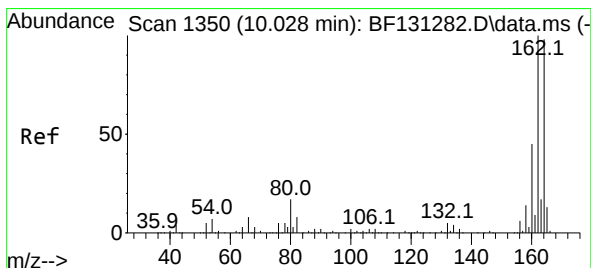
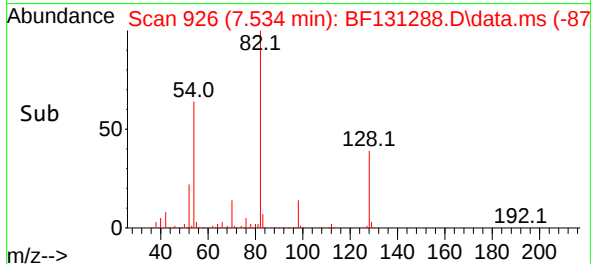
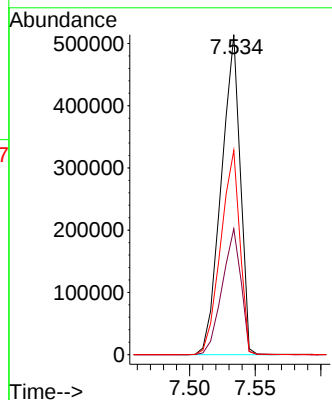
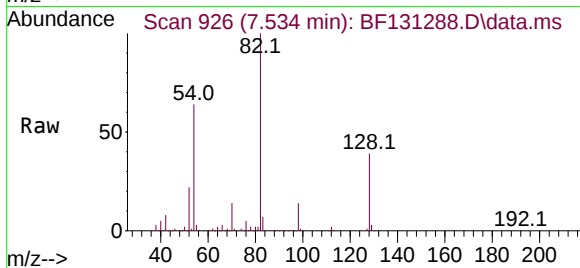
Tgt Ion: 82 Resp: 517694

Ion Ratio Lower Upper

82 100

128 39.3 29.2 43.8

54 63.8 52.2 78.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.022 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF131288.D

Acq: 17 Nov 2022 16:47

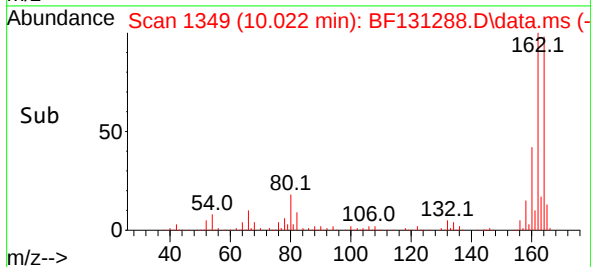
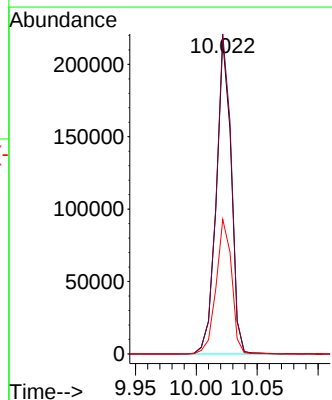
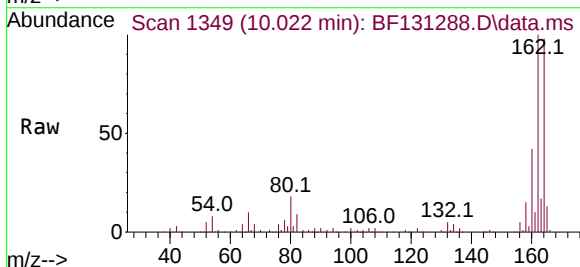
Tgt Ion:164 Resp: 185080

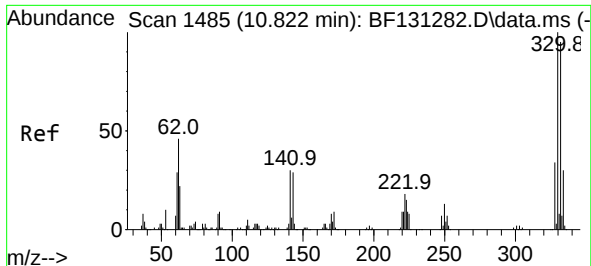
Ion Ratio Lower Upper

164 100

162 102.1 81.8 122.6

160 42.9 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 145.271 ng

RT: 10.816 min Scan# 1484

Delta R.T. -0.006 min

Lab File: BF131288.D

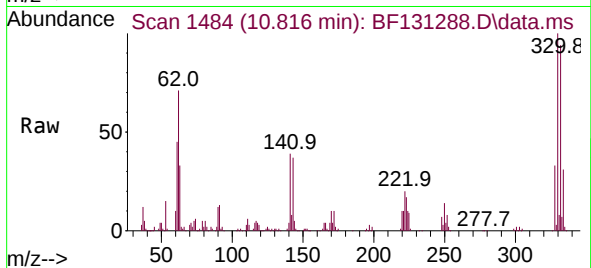
Acq: 17 Nov 2022 16:47

Instrument :

BNA_F

ClientSampleId :

PB149128BL



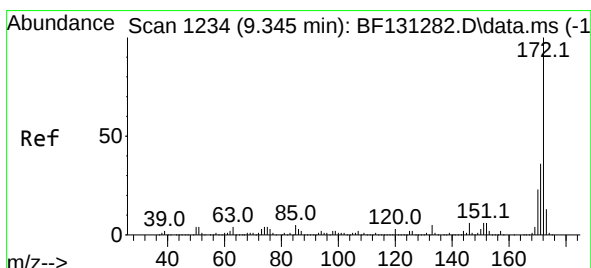
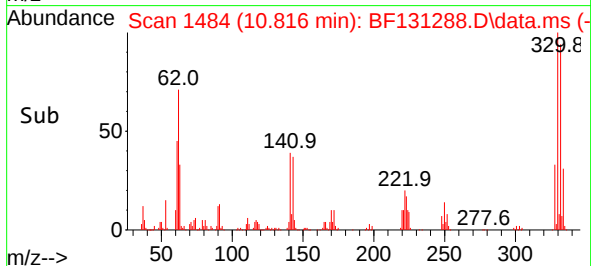
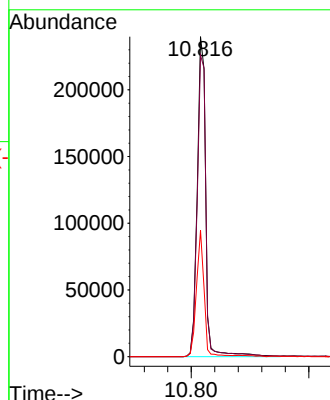
Tgt Ion:330 Resp: 239345

Ion Ratio Lower Upper

330 100

332 96.6 75.4 113.0

141 35.6 30.0 45.0



#45

2-Fluorobiphenyl

Concen: 81.499 ng

RT: 9.339 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF131288.D

Acq: 17 Nov 2022 16:47

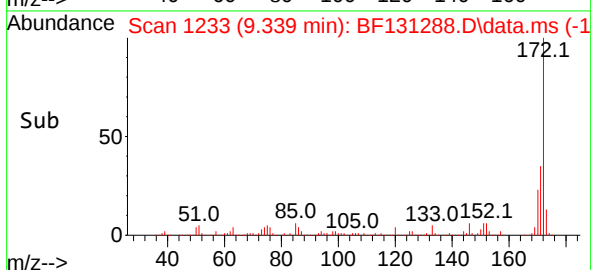
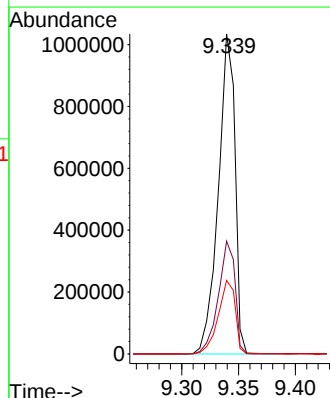
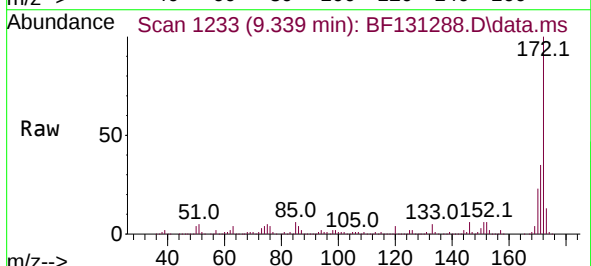
Tgt Ion:172 Resp: 1056097

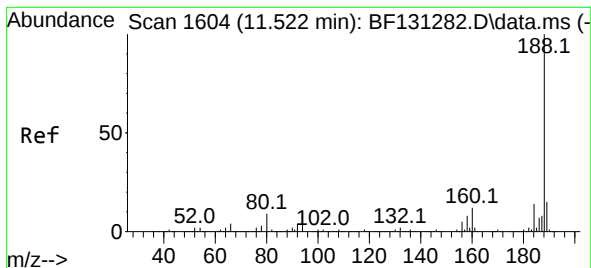
Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

170 23.0 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.522 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF131288.D

Acq: 17 Nov 2022 16:47

Instrument :

BNA_F

ClientSampleId :

PB149128BL

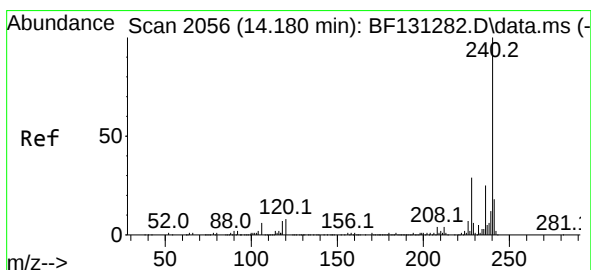
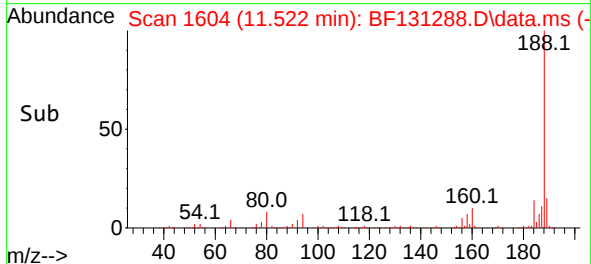
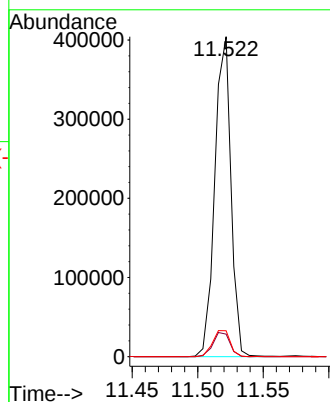
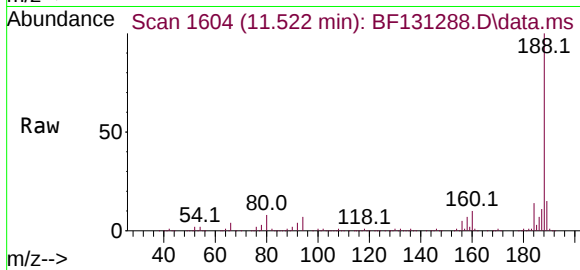
Tgt Ion:188 Resp: 346690

Ion Ratio Lower Upper

188 100

94 7.0 6.5 9.7

80 8.1 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.174 min Scan# 2055

Delta R.T. -0.006 min

Lab File: BF131288.D

Acq: 17 Nov 2022 16:47

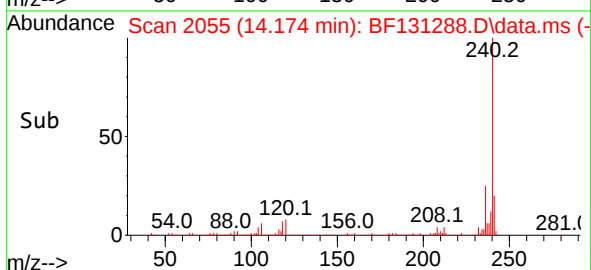
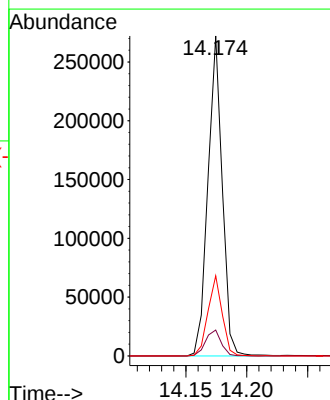
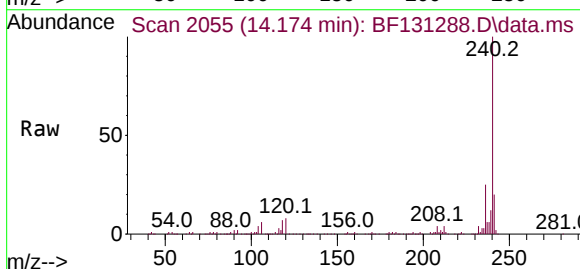
Tgt Ion:240 Resp: 223002

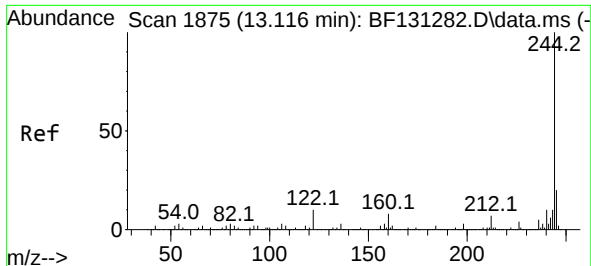
Ion Ratio Lower Upper

240 100

120 8.1 6.2 9.2

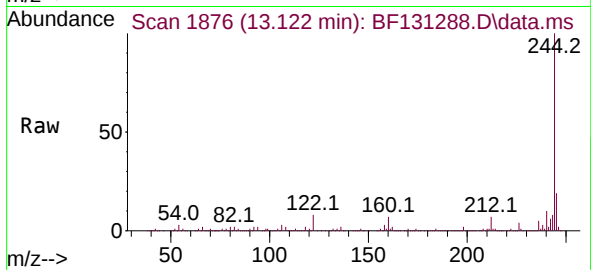
236 25.0 19.8 29.6



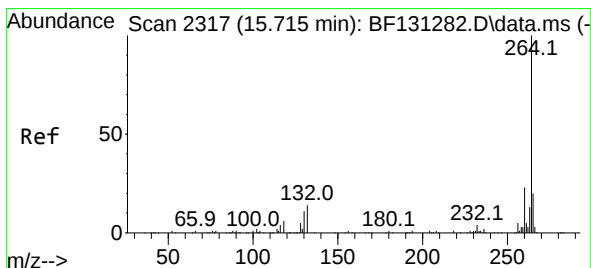
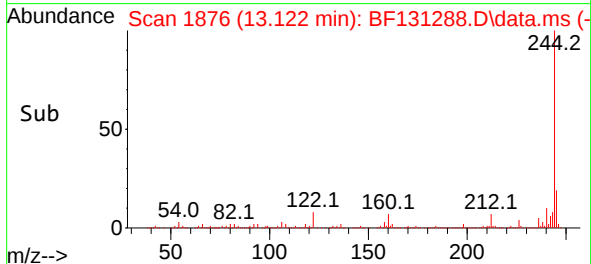
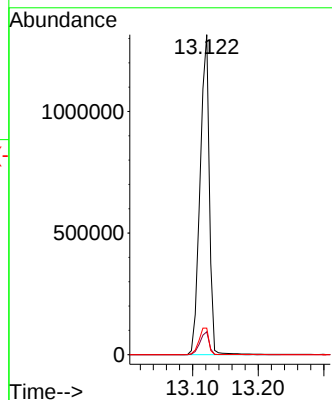


#79
 Terphenyl-d14
 Concen: 85.674 ng
 RT: 13.122 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: BF131288.D
 Acq: 17 Nov 2022 16:47

Instrument :
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 ClientSampleId :
 PB149128BL



Tgt Ion:244 Resp: 1278160
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 8.3 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.715 min Scan# 2317
 Delta R.T. -0.000 min
 Lab File: BF131288.D
 Acq: 17 Nov 2022 16:47

Tgt Ion:264 Resp: 156174
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.7 28.1
 265 21.2 16.2 24.4

