

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
 Data File : BF131160.D
 Acq On : 11 Nov 2022 18:44
 Operator : CG\JU
 Sample : N5506-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Quant Time: Nov 12 00:05:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 12 00:03:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	98316	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	370581	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	183968	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	240808	20.000	ng	0.00
76) Chrysene-d12	14.051	240	178321	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	132431	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	514708	89.031	ng	0.01
7) Phenol-d6	6.504	99	654341	86.574	ng	0.00
23) Nitrobenzene-d5	7.439	82	524961	63.915	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	148986	78.362	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	745455	56.566	ng	0.00
79) Terphenyl-d14	12.992	244	507708	49.920	ng	0.00

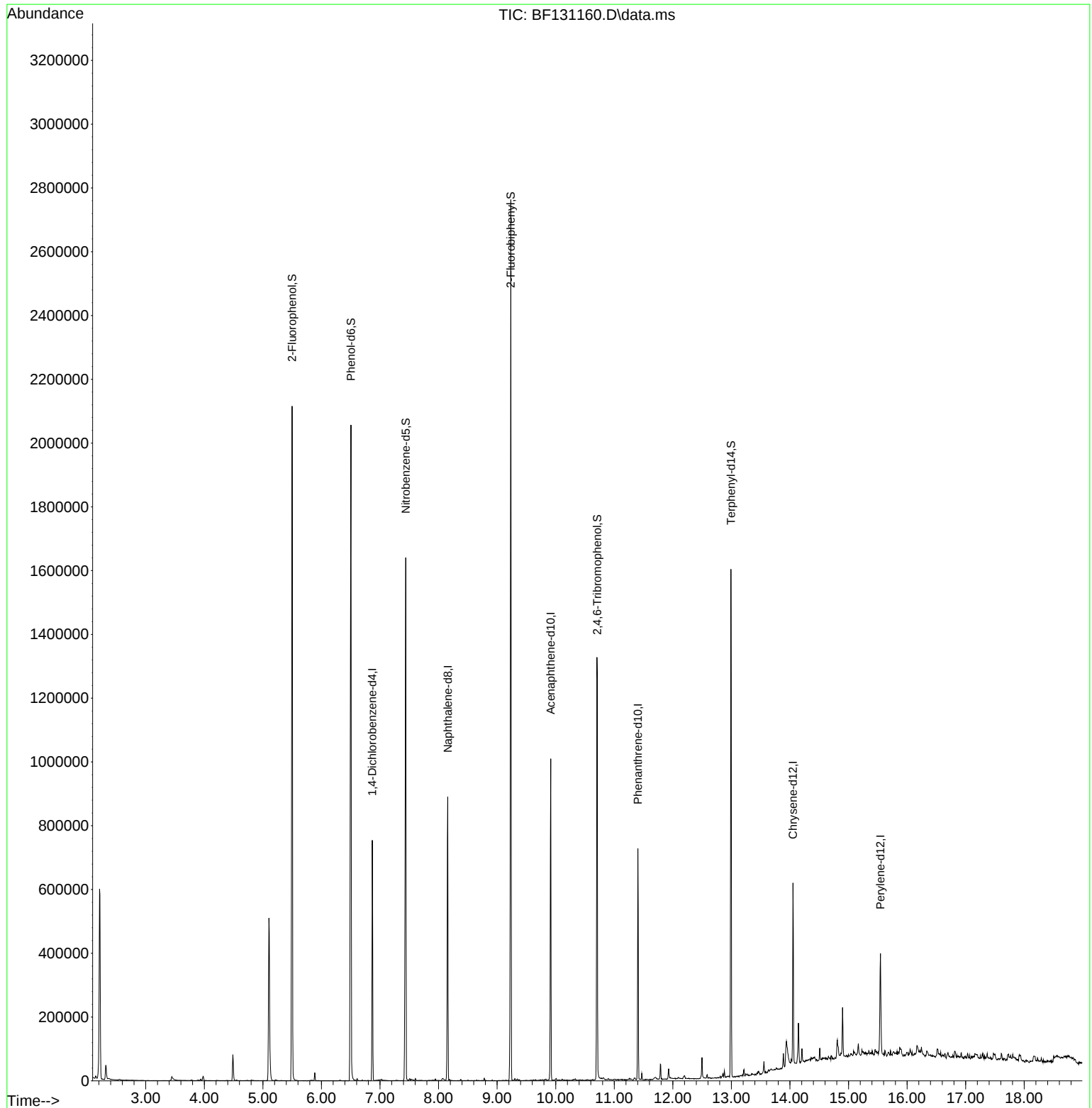
Target Compounds	Qvalue

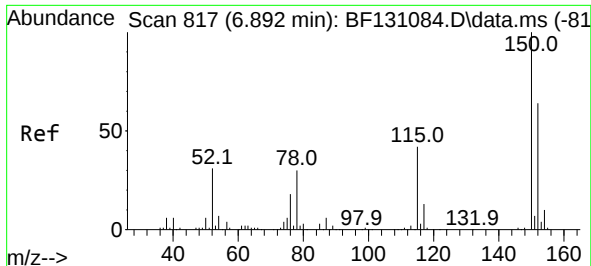
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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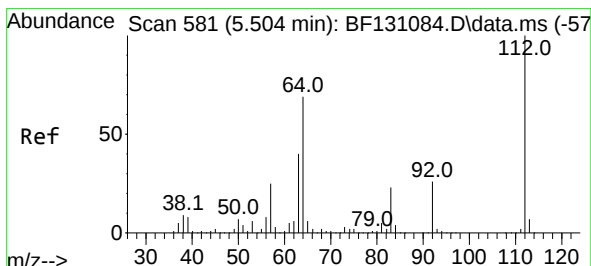
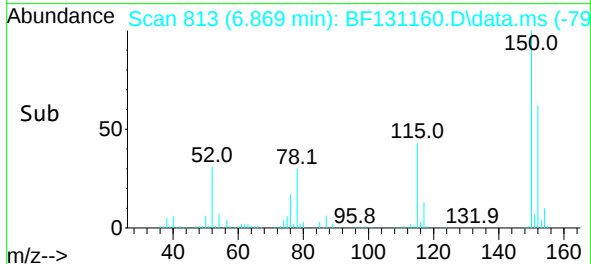
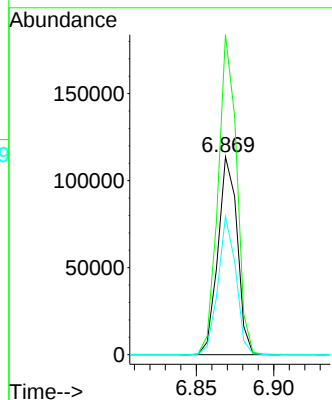
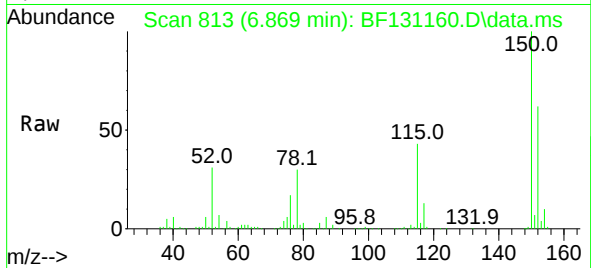




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131160.D
Acq: 11 Nov 2022 18:44

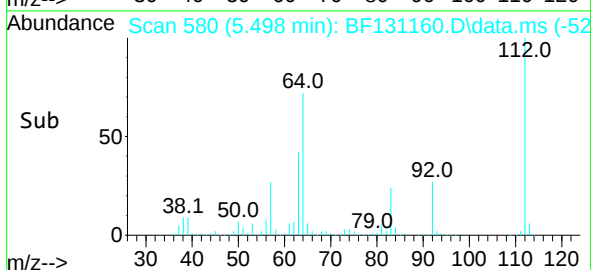
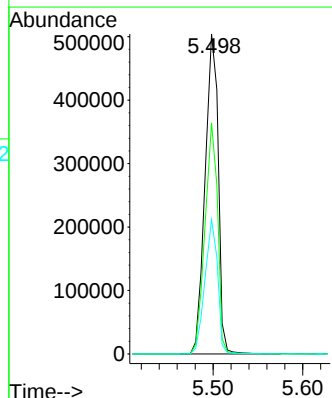
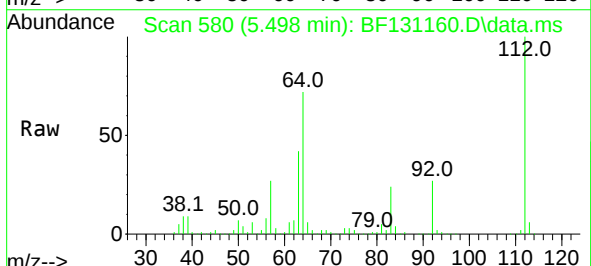
Instrument :
BNA_F
ClientSampleId :
TP-8

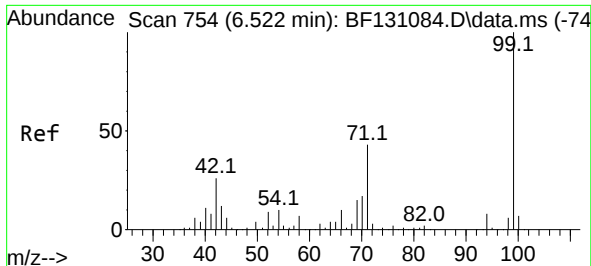
Tgt Ion:152 Resp: 98316
Ion Ratio Lower Upper
152 100
150 161.7 125.5 188.3
115 69.9 52.2 78.2



#5
2-Fluorophenol
Concen: 89.031 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF131160.D
Acq: 11 Nov 2022 18:44

Tgt Ion:112 Resp: 514708
Ion Ratio Lower Upper
112 100
64 72.2 55.1 82.7
63 41.9 32.4 48.6

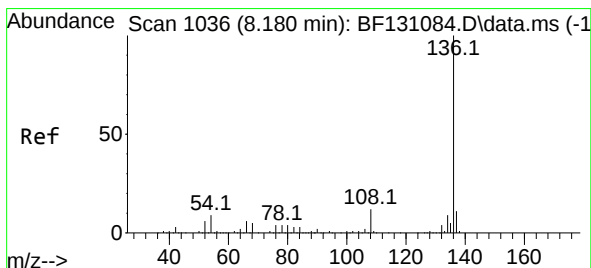
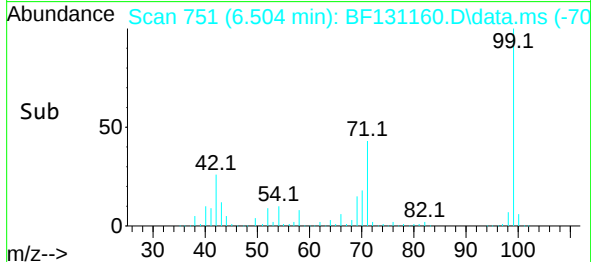
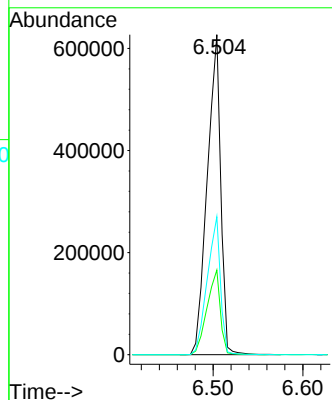
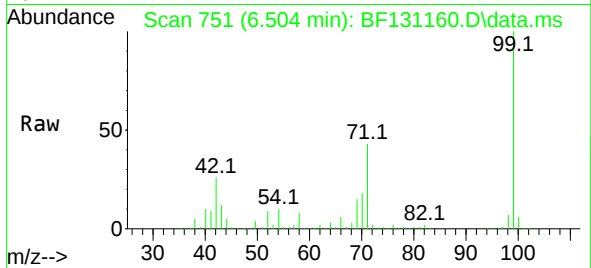




#7
Phenol-d6
Concen: 86.574 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131160.D
Acq: 11 Nov 2022 18:44

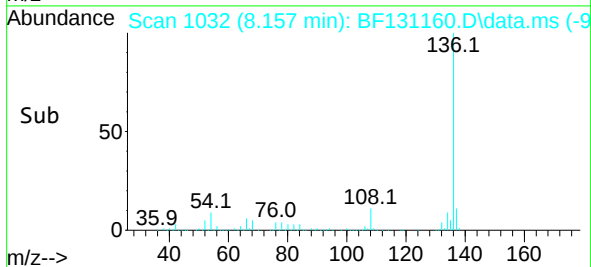
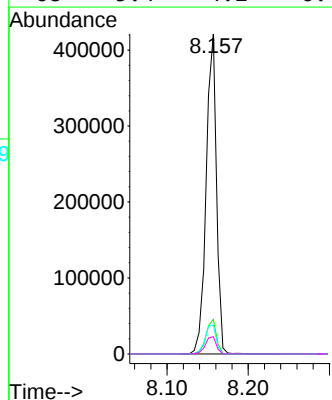
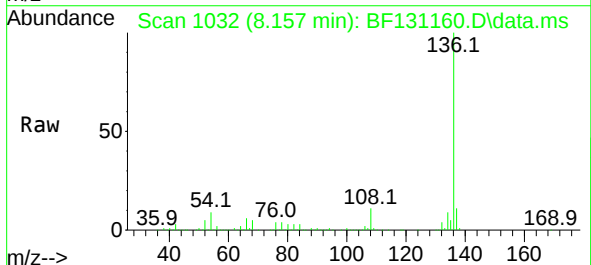
Instrument :
BNA_F
ClientSampleId :
TP-8

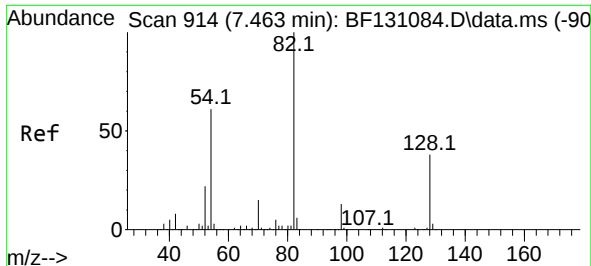
Tgt Ion: 99 Resp: 654341
Ion Ratio Lower Upper
99 100
42 26.5 20.8 31.2
71 43.1 34.2 51.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF131160.D
Acq: 11 Nov 2022 18:44

Tgt Ion: 136 Resp: 370581
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.1 7.2 10.8
68 5.4 4.2 6.4

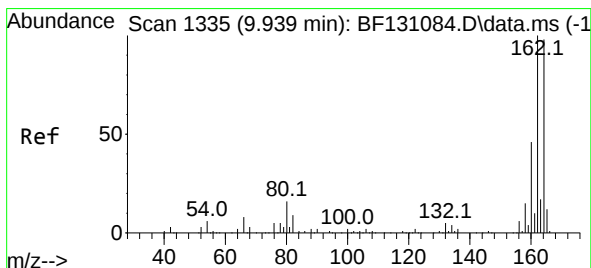
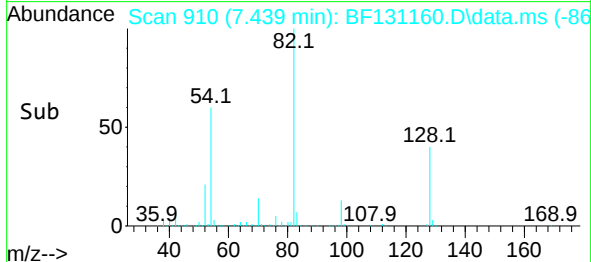
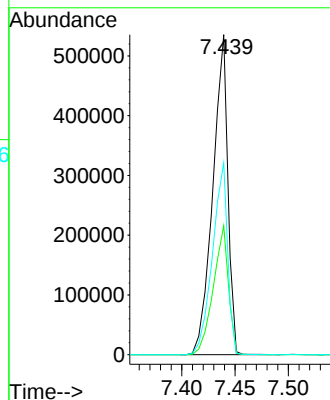
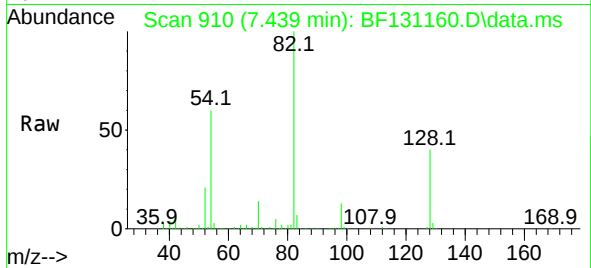




#23
Nitrobenzene-d5
Concen: 63.915 ng
RT: 7.439 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF131160.D
Acq: 11 Nov 2022 18:44

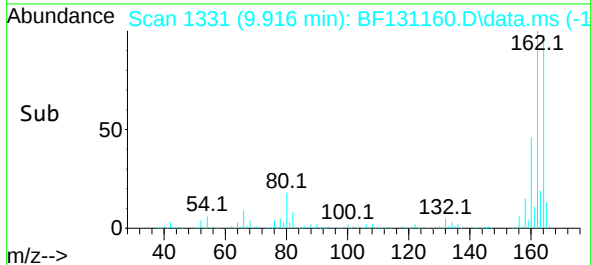
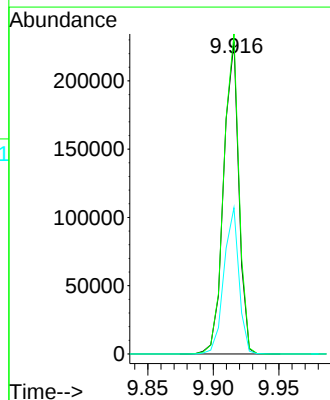
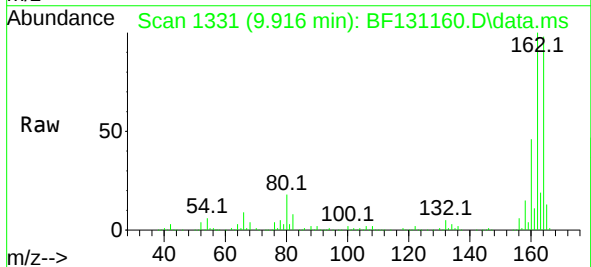
Instrument :
BNA_F
ClientSampleId :
TP-8

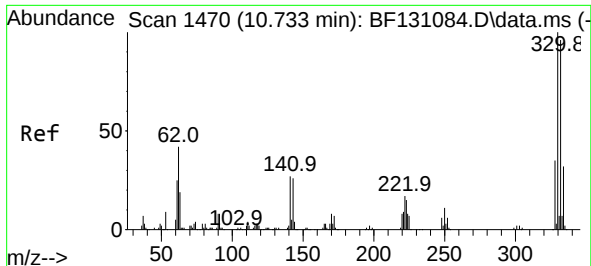
Tgt Ion: 82 Resp: 524961
Ion Ratio Lower Upper
82 100
128 40.3 30.5 45.7
54 60.0 49.1 73.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF131160.D
Acq: 11 Nov 2022 18:44

Tgt Ion:164 Resp: 183968
Ion Ratio Lower Upper
164 100
162 102.5 81.7 122.5
160 46.8 37.4 56.2





#42

2,4,6-Tribromophenol

Concen: 78.362 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.000 min

Lab File: BF131160.D

Acq: 11 Nov 2022 18:44

Instrument :

BNA_F

ClientSampleId :

TP-8

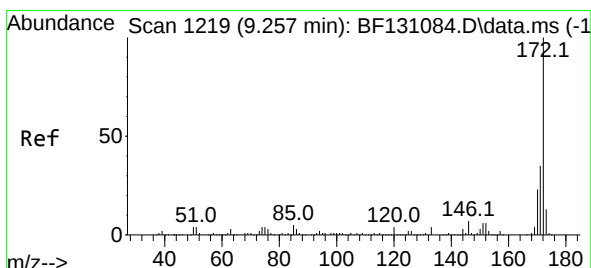
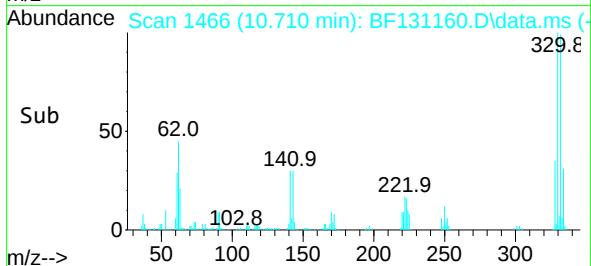
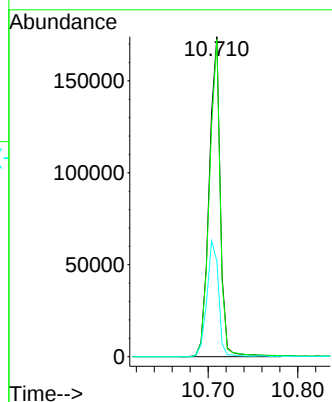
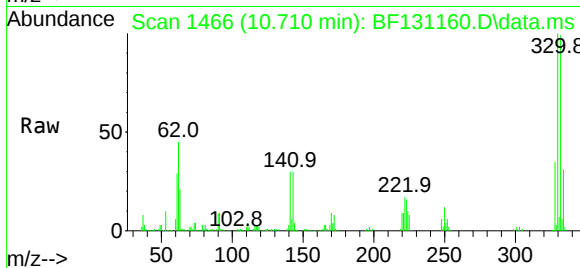
Tgt Ion:330 Resp: 148986

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.4

141 38.1 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 56.566 ng

RT: 9.233 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF131160.D

Acq: 11 Nov 2022 18:44

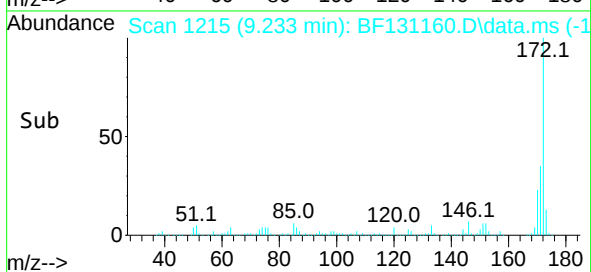
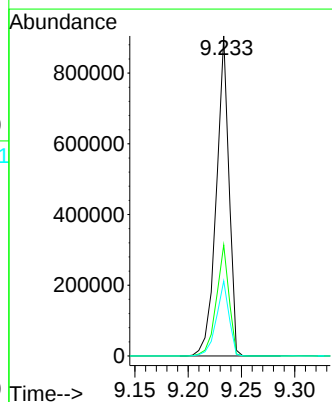
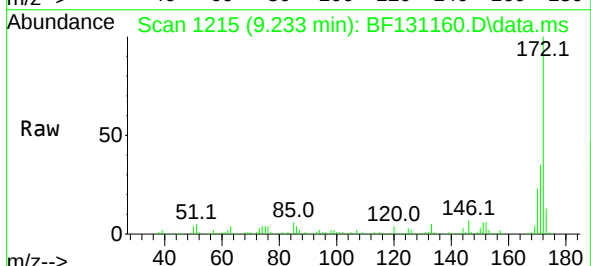
Tgt Ion:172 Resp: 745455

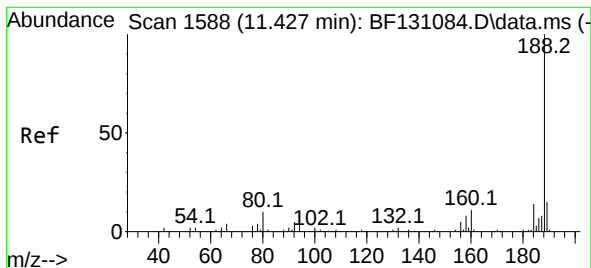
Ion Ratio Lower Upper

172 100

171 34.7 27.7 41.5

170 23.5 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131160.D

Acq: 11 Nov 2022 18:44

Instrument :

BNA_F

ClientSampleId :

TP-8

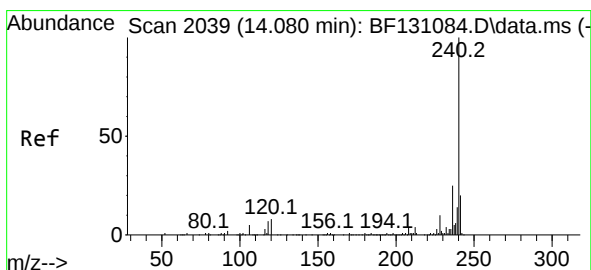
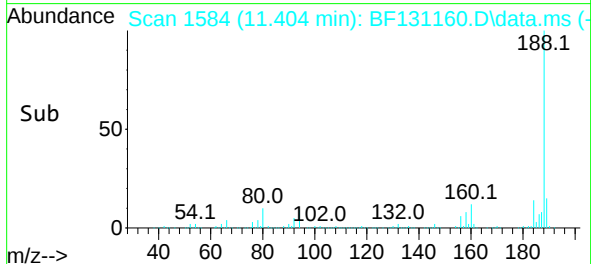
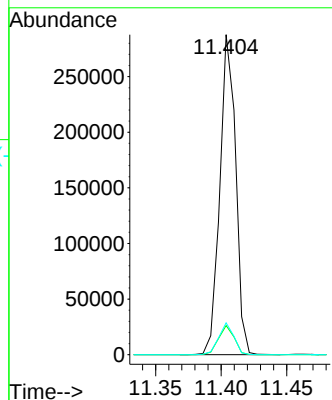
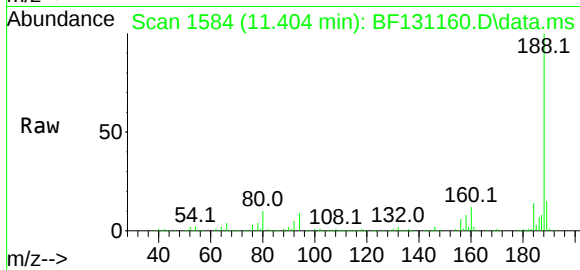
Tgt Ion:188 Resp: 240808

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.6

80 9.9 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF131160.D

Acq: 11 Nov 2022 18:44

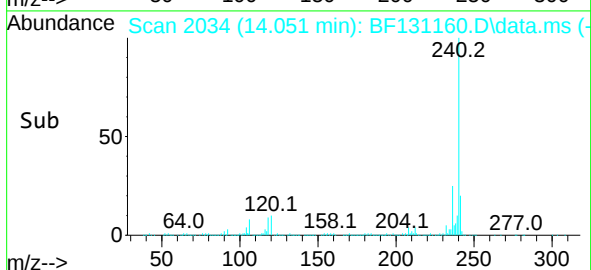
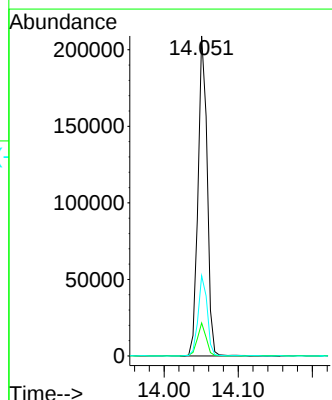
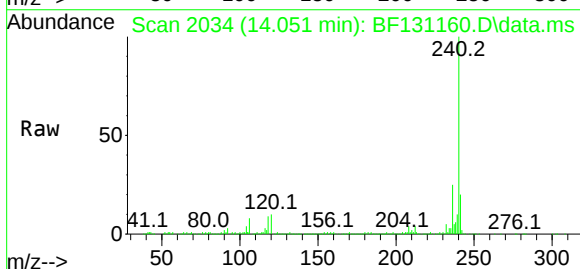
Tgt Ion:240 Resp: 178321

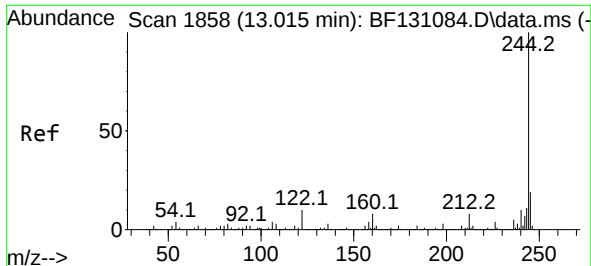
Ion Ratio Lower Upper

240 100

120 10.3 6.5 9.7#

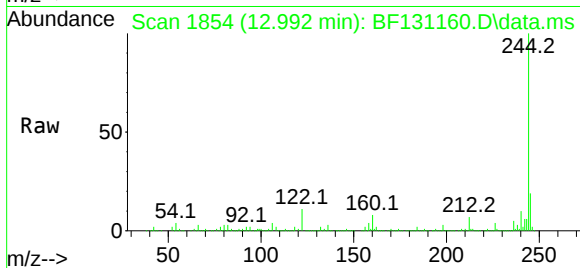
236 25.0 19.7 29.5



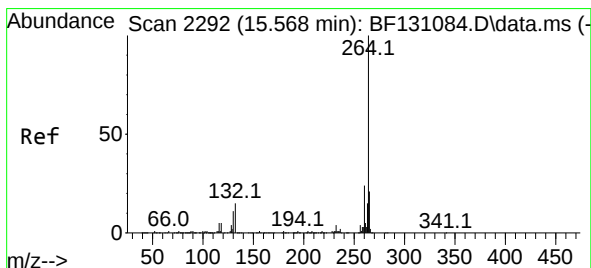
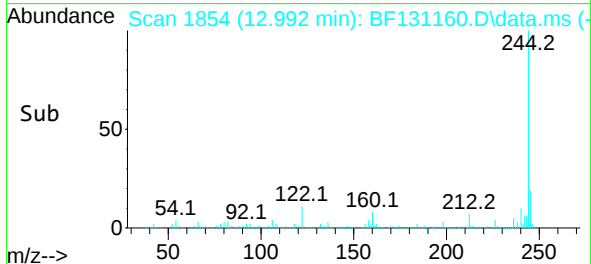
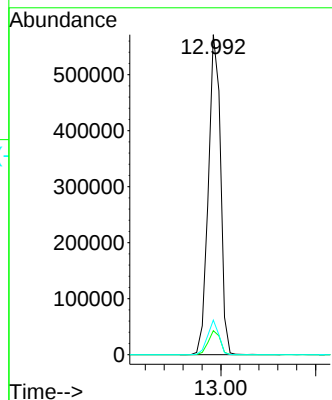


#79
 Terphenyl-d14
 Concen: 49.920 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.006 min
 Lab File: BF131160.D
 Acq: 11 Nov 2022 18:44

Instrument :
 BNA_F
 ClientSampleId :
 TP-8



Tgt Ion:244 Resp: 507708
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 10.8 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. -0.000 min
 Lab File: BF131160.D
 Acq: 11 Nov 2022 18:44

Tgt Ion:264 Resp: 132431
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 20.5 16.7 25.1

