

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
 Data File : BF131333.D
 Acq On : 22 Nov 2022 16:42
 Operator : CG\JU
 Sample : PB149242BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149242BL

Quant Time: Nov 23 04:16:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 22 01:17:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	119585	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	453116	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	269909	20.000	ng	-0.01
64) Phenanthrene-d10	11.516	188	516114	20.000	ng	0.00
76) Chrysene-d12	14.168	240	353606	20.000	ng	#-0.01
86) Perylene-d12	15.709	264	256736	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	867100	138.000	ng	0.02
7) Phenol-d6	6.581	99	1082722	135.057	ng	0.00
23) Nitrobenzene-d5	7.528	82	739466	82.265	ng	-0.01
42) 2,4,6-Tribromophenol	10.816	330	351271	154.693	ng	0.00
45) 2-Fluorobiphenyl	9.333	172	1447413	78.016	ng	0.00
79) Terphenyl-d14	13.115	244	1798546	83.174	ng	0.00

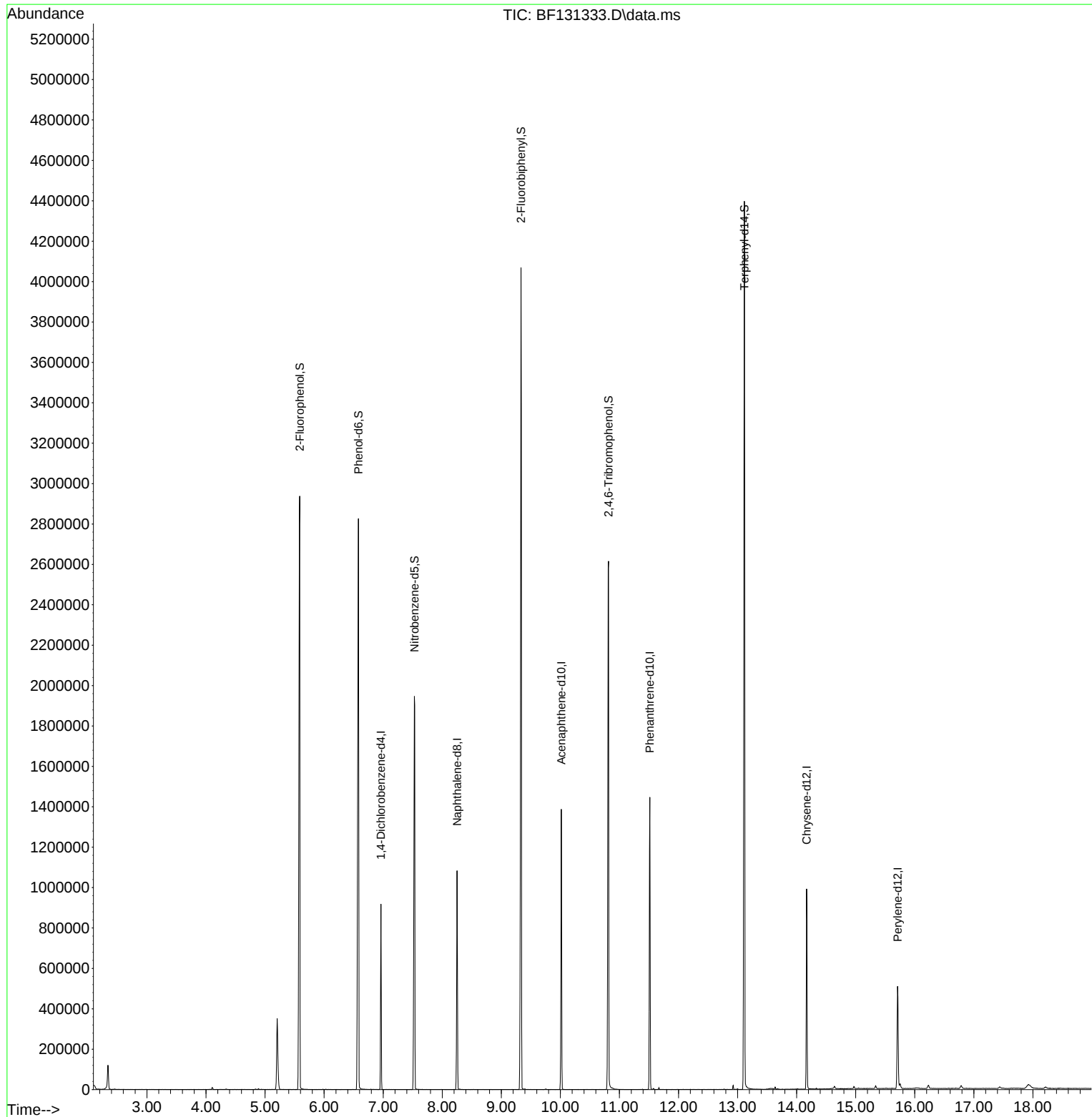
Target Compounds	Qvalue

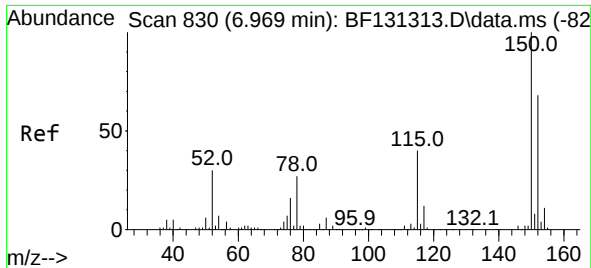
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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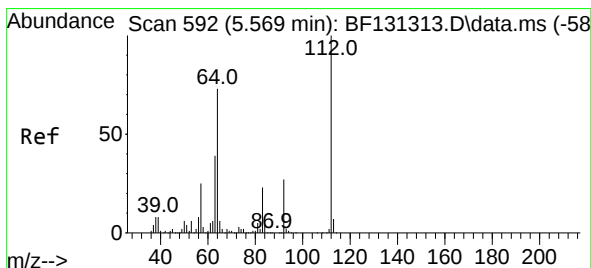
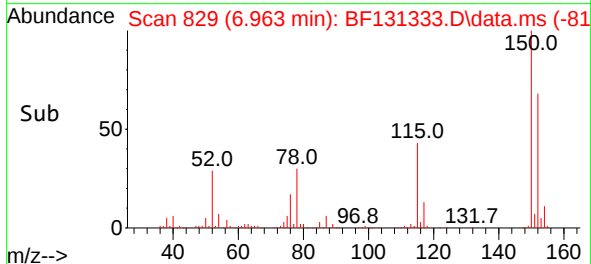
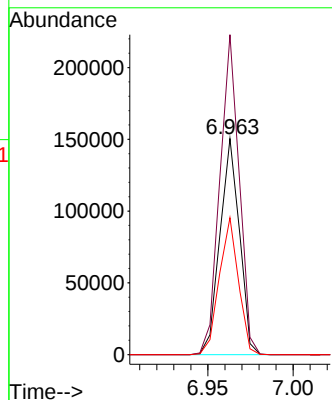
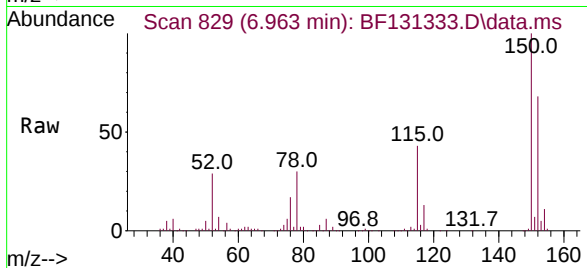




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131333.D
 Acq: 22 Nov 2022 16:42

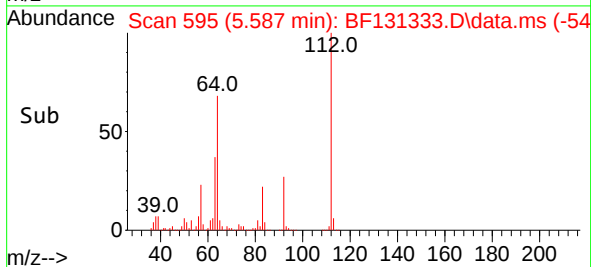
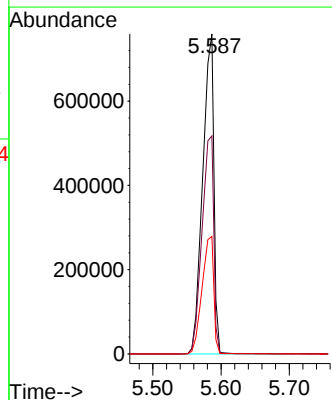
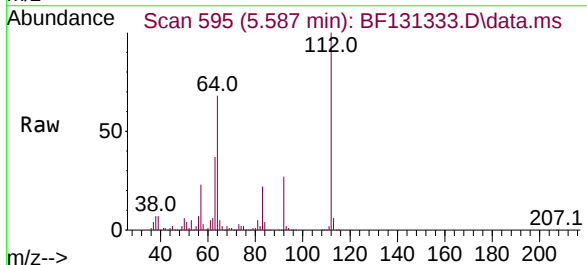
Instrument :
 BNA_F
 ClientSampleId :
 PB149242BL

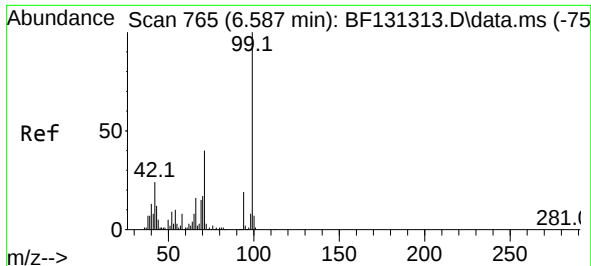
Tgt Ion:152 Resp: 119585
 Ion Ratio Lower Upper
 152 100
 150 148.1 117.8 176.8
 115 63.4 47.1 70.7



#5
 2-Fluorophenol
 Concen: 138.000 ng
 RT: 5.587 min Scan# 595
 Delta R.T. 0.018 min
 Lab File: BF131333.D
 Acq: 22 Nov 2022 16:42

Tgt Ion:112 Resp: 867100
 Ion Ratio Lower Upper
 112 100
 64 68.1 58.6 88.0
 63 36.7 31.4 47.0



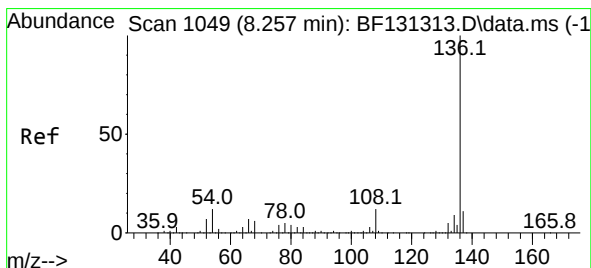
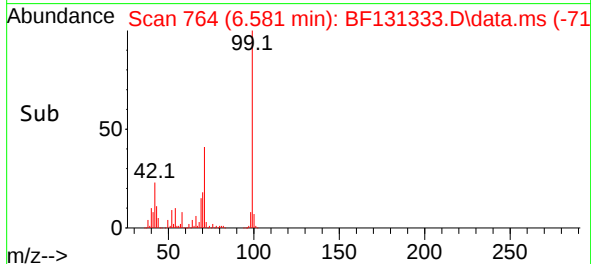
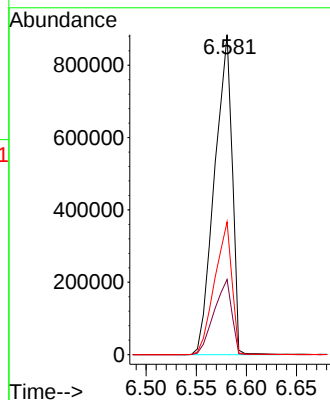
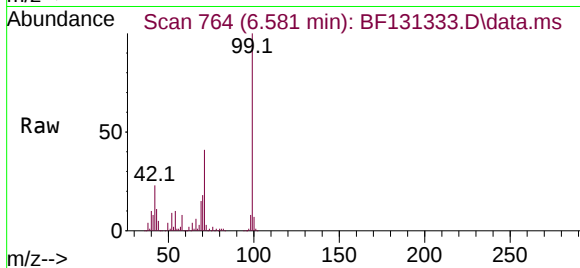


#7
Phenol-d6
Concen: 135.057 ng
RT: 6.581 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF131333.D
Acq: 22 Nov 2022 16:42

Instrument :
BNA_F
ClientSampleId :
PB149242BL

Tgt Ion: 99 Resp: 1082722

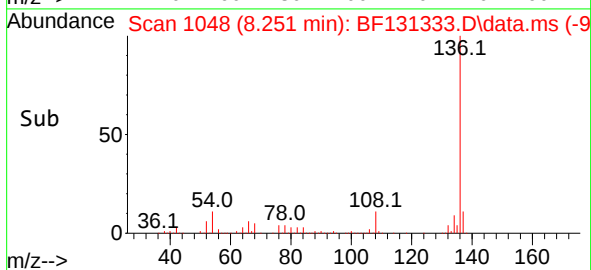
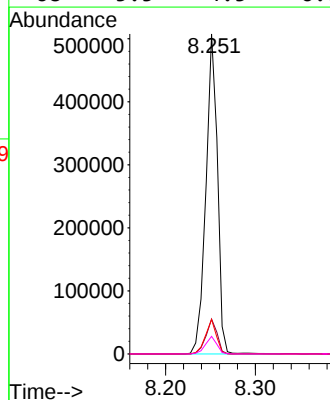
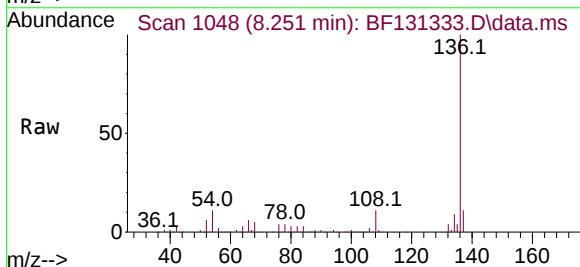
Ion	Ratio	Lower	Upper
99	100		
42	23.5	19.4	29.2
71	41.5	32.3	48.5

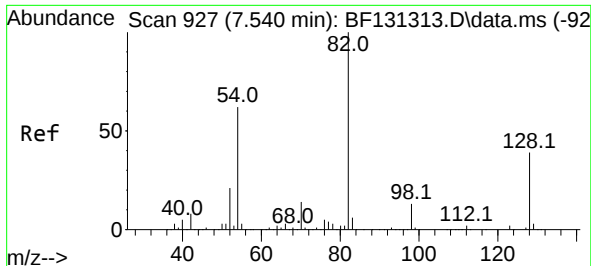


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF131333.D
Acq: 22 Nov 2022 16:42

Tgt Ion: 136 Resp: 453116

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	10.8	9.4	14.0
68	5.5	4.5	6.7





#23

Nitrobenzene-d5

Concen: 82.265 ng

RT: 7.528 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF131333.D

Acq: 22 Nov 2022 16:42

Instrument :

BNA_F

ClientSampleId :

PB149242BL

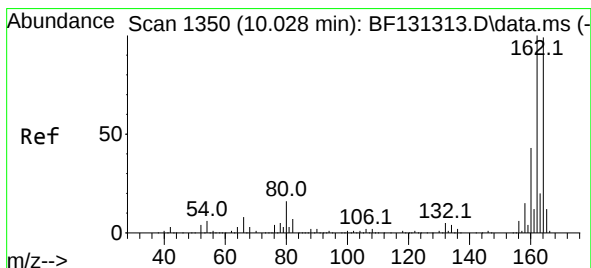
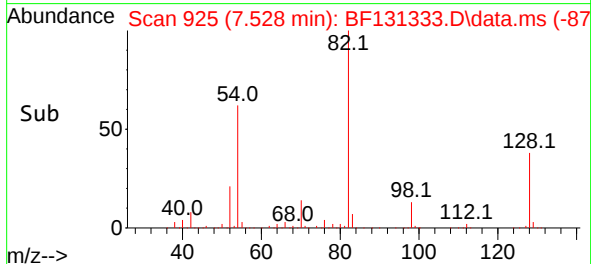
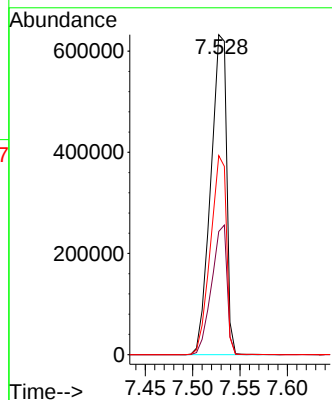
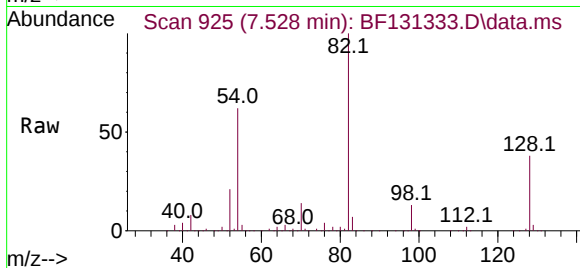
Tgt Ion: 82 Resp: 739466

Ion Ratio Lower Upper

82 100

128 38.5 31.4 47.0

54 62.2 49.8 74.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.016 min Scan# 1348

Delta R.T. -0.012 min

Lab File: BF131333.D

Acq: 22 Nov 2022 16:42

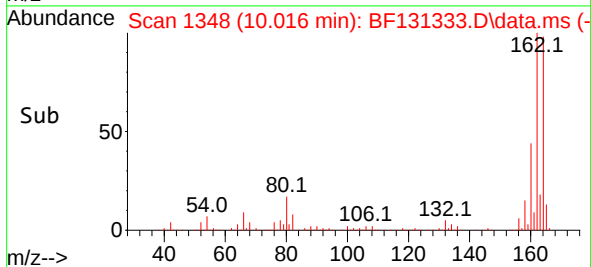
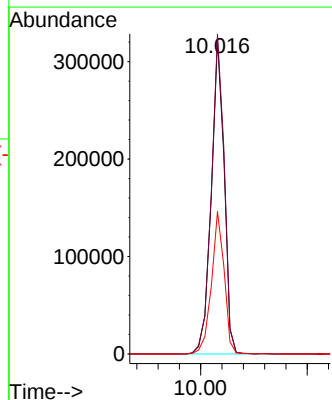
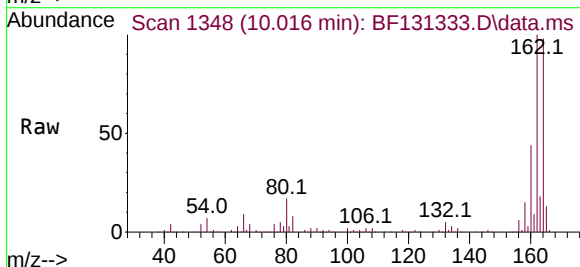
Tgt Ion:164 Resp: 269909

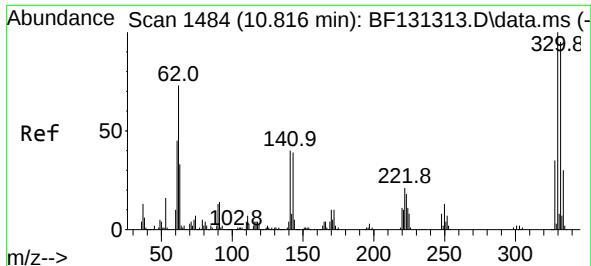
Ion Ratio Lower Upper

164 100

162 101.9 80.6 120.8

160 45.3 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 154.693 ng

RT: 10.816 min Scan# 1484

Delta R.T. -0.000 min

Lab File: BF131333.D

Acq: 22 Nov 2022 16:42

Instrument :

BNA_F

ClientSampleId :

PB149242BL

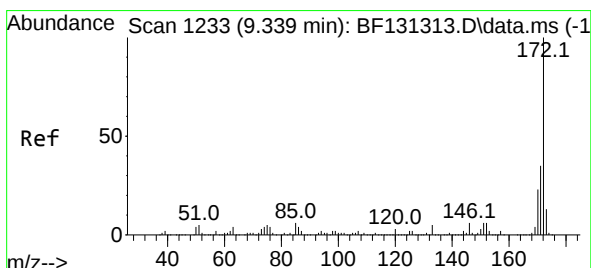
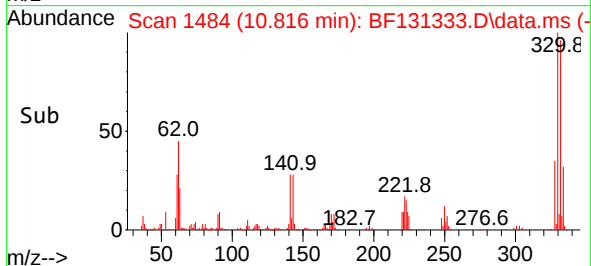
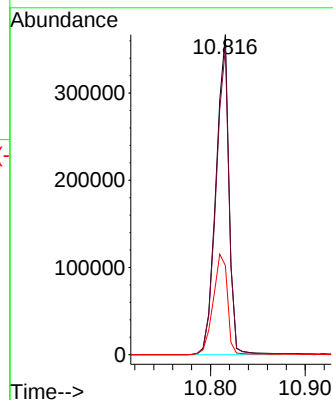
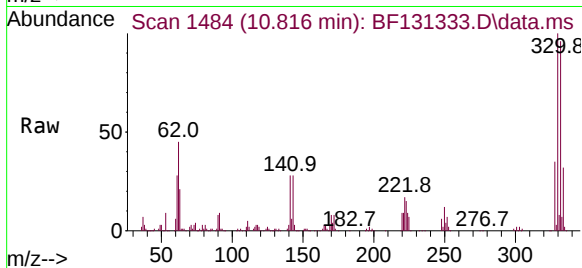
Tgt Ion:330 Resp: 351271

Ion Ratio Lower Upper

330 100

332 97.2 77.5 116.3

141 34.7 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 78.016 ng

RT: 9.333 min Scan# 1232

Delta R.T. -0.006 min

Lab File: BF131333.D

Acq: 22 Nov 2022 16:42

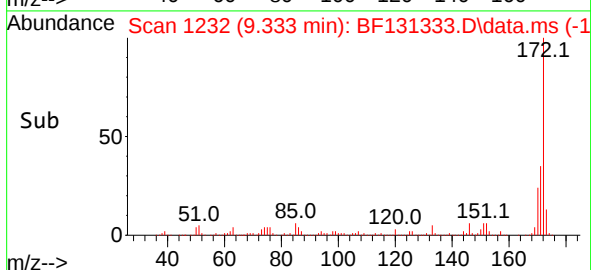
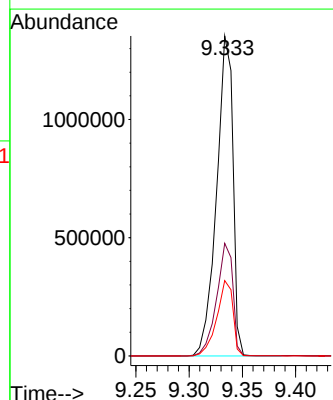
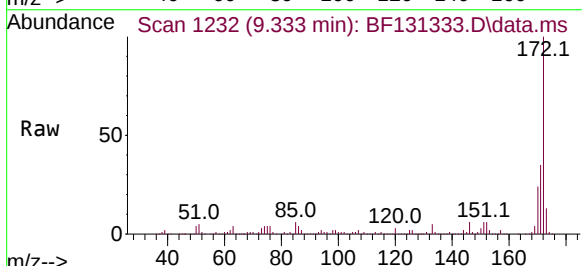
Tgt Ion:172 Resp: 1447413

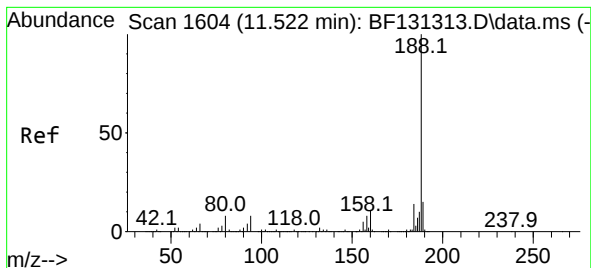
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.516 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF131333.D

Acq: 22 Nov 2022 16:42

Instrument :

BNA_F

ClientSampleId :

PB149242BL

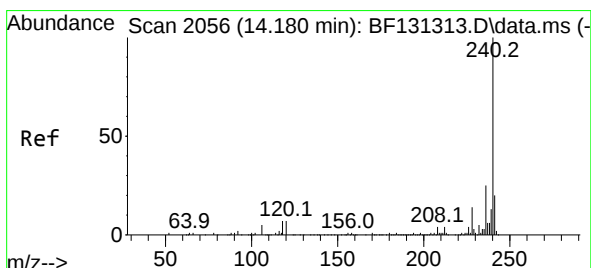
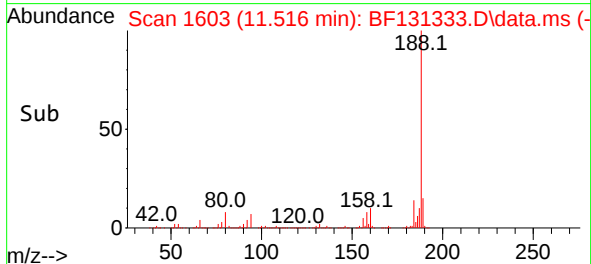
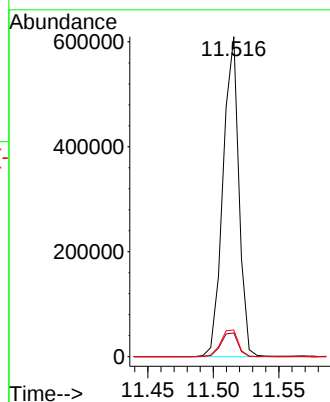
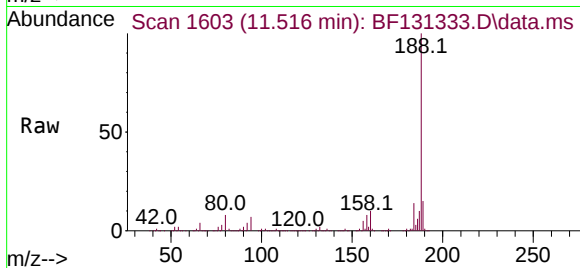
Tgt Ion:188 Resp: 516114

Ion Ratio Lower Upper

188 100

94 7.4 6.3 9.5

80 8.3 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.168 min Scan# 2054

Delta R.T. -0.012 min

Lab File: BF131333.D

Acq: 22 Nov 2022 16:42

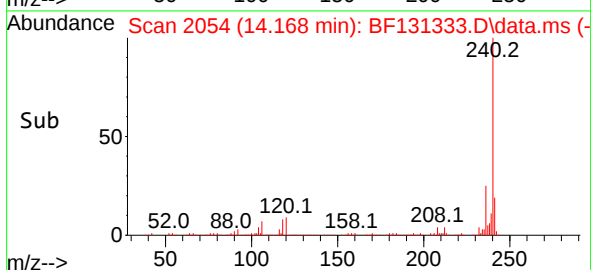
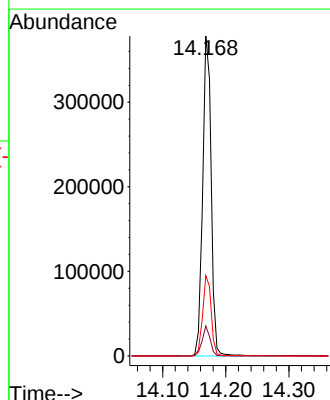
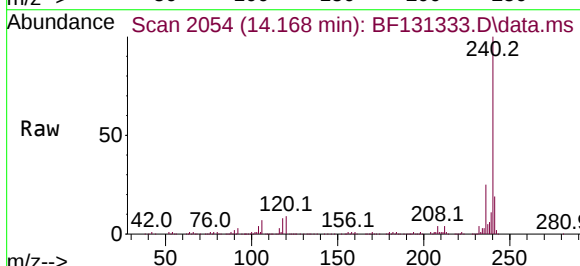
Tgt Ion:240 Resp: 353606

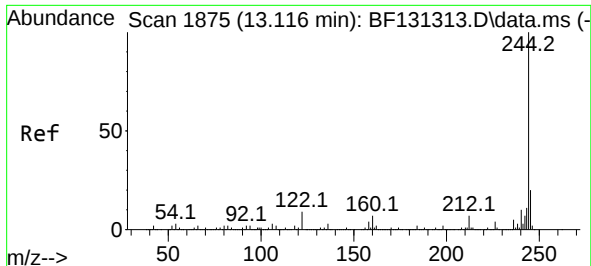
Ion Ratio Lower Upper

240 100

120 9.3 5.8 8.8#

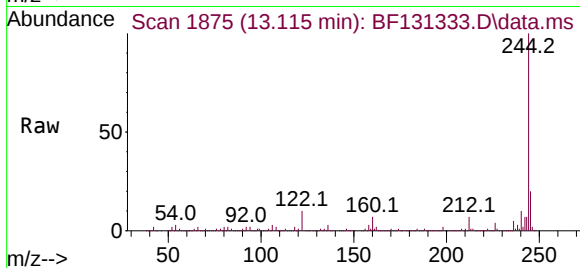
236 25.1 20.3 30.5



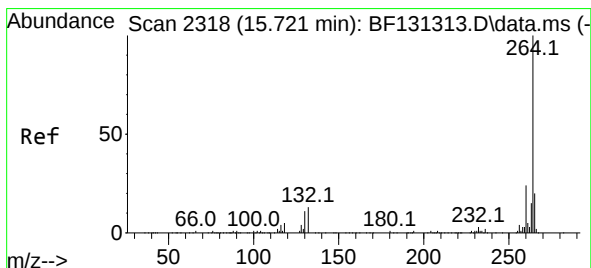
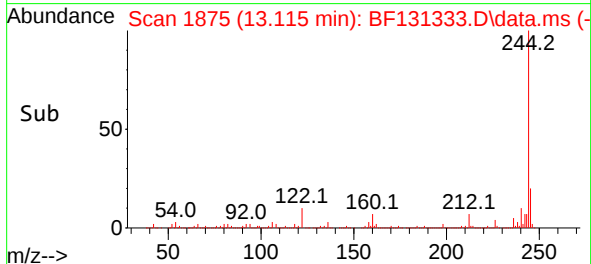
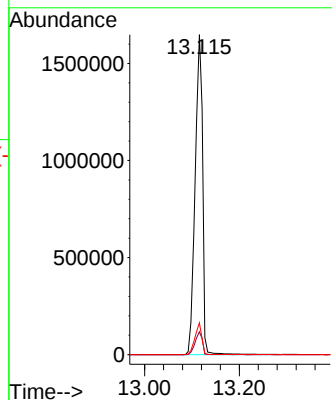


#79
 Terphenyl-d14
 Concen: 83.174 ng
 RT: 13.115 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: BF131333.D
 Acq: 22 Nov 2022 16:42

Instrument :
 BNA_F
 ClientSampleId :
 PB149242BL



Tgt Ion:244 Resp: 1798546
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 9.9 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.709 min Scan# 2316
 Delta R.T. -0.012 min
 Lab File: BF131333.D
 Acq: 22 Nov 2022 16:42

Tgt Ion:264 Resp: 256736
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.4
 265 22.0 16.4 24.6

