

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051222\
 Data File : BF128222.D
 Acq On : 12 May 2022 17:04
 Operator : CG\JU
 Sample : N2792-01DL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-371DL

Quant Time: May 13 05:15:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

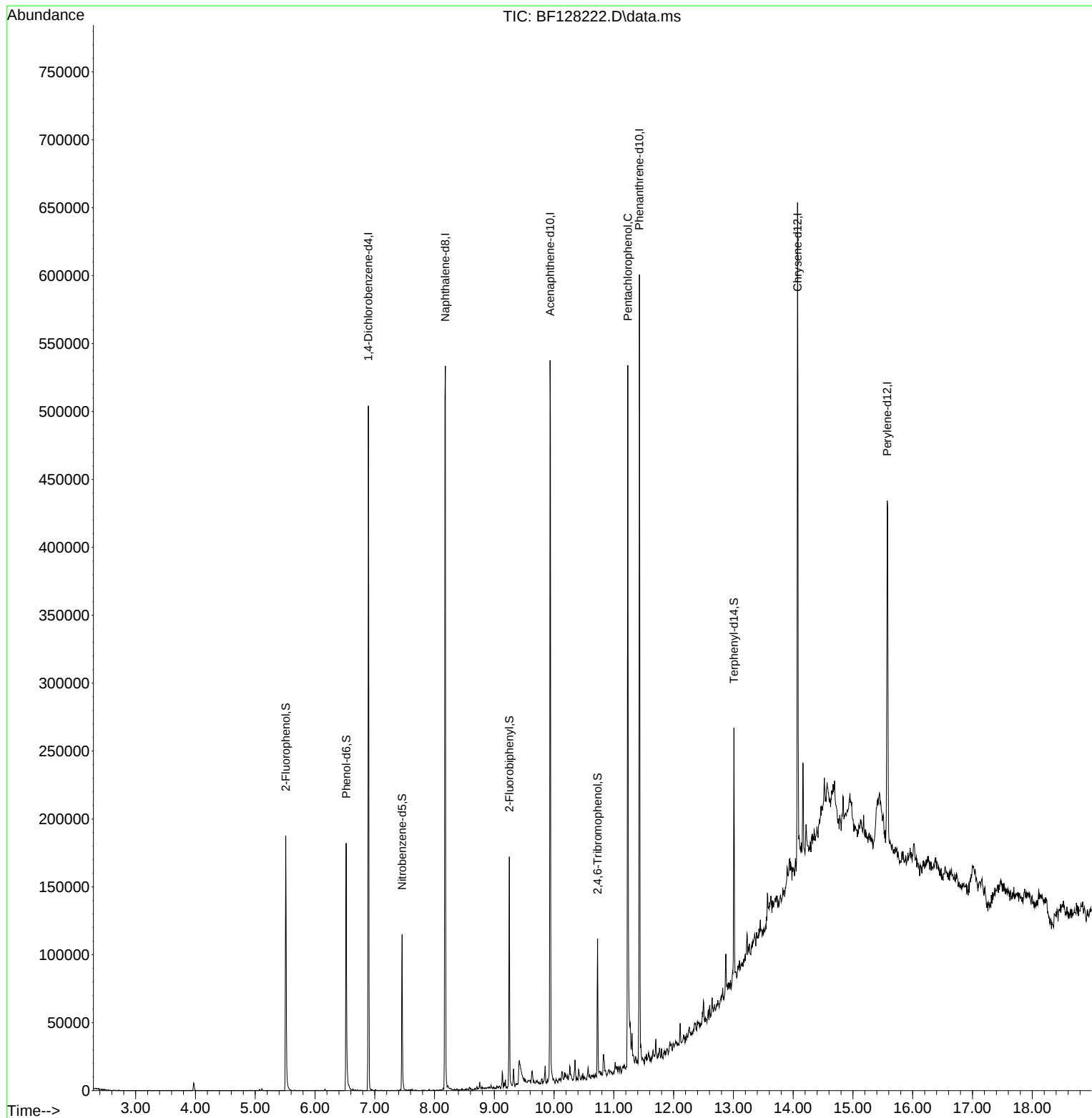
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	66410	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	229579	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	111705	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	186673	20.000	ng	0.00
76) Chrysene-d12	14.074	240	160611	20.000	ng	0.00
86) Perylene-d12	15.574	264	123699	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	47684	11.446	ng	0.00
7) Phenol-d6	6.522	99	59931	10.877	ng	0.00
23) Nitrobenzene-d5	7.457	82	37648	7.379	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	11490	8.969	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	48031	6.728	ng	0.00
79) Terphenyl-d14	13.010	244	53967	6.305	ng	0.00
Target Compounds						
70) Pentachlorophenol	11.233	266	61665	57.836	ng	Qvalue 98

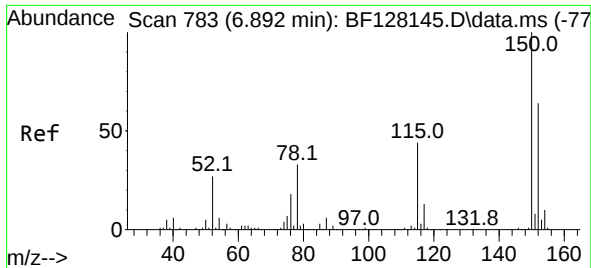
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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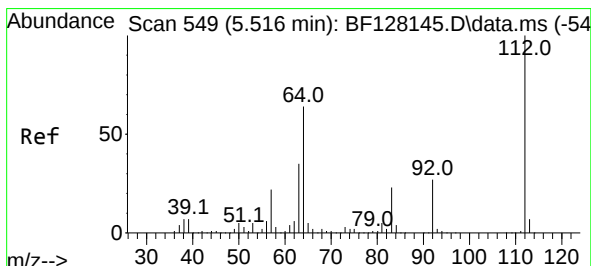
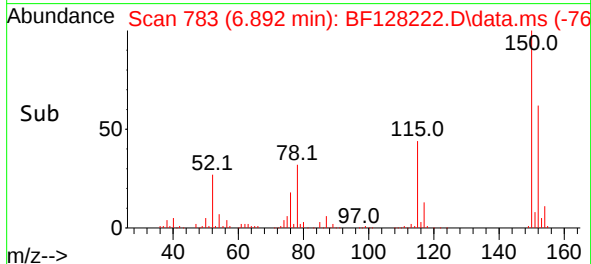
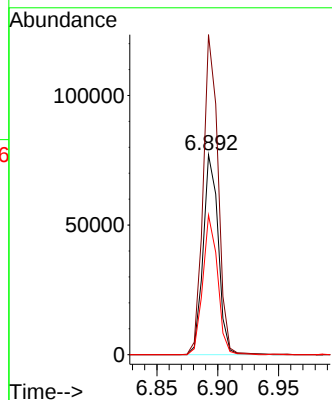
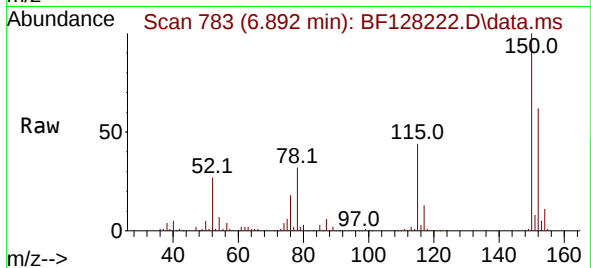




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128222.D
Acq: 12 May 2022 17:04

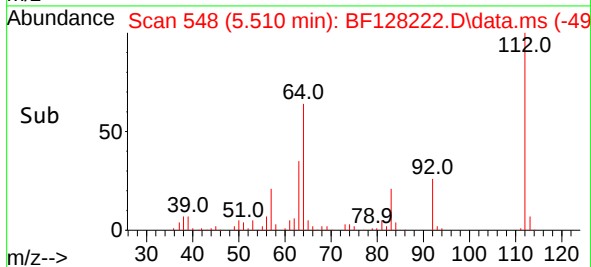
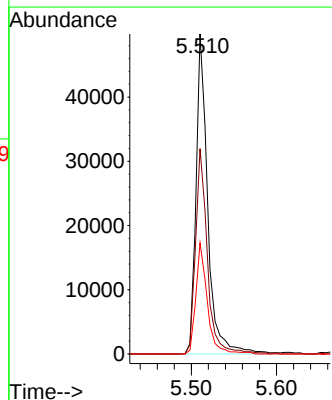
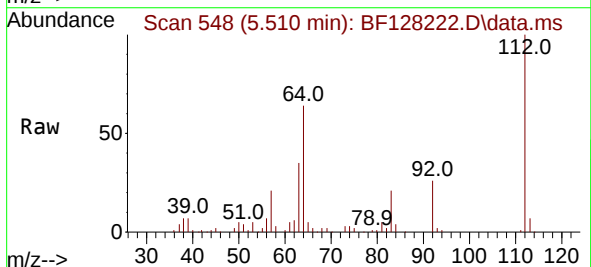
Instrument :
BNA_F
ClientSampleId :
RO-371DL

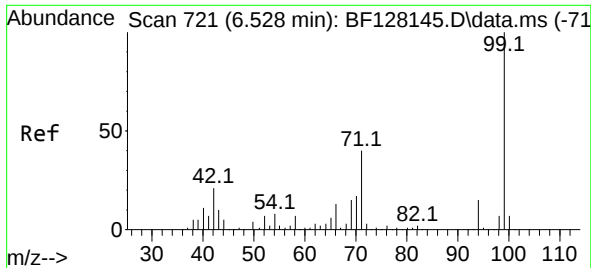
Tgt Ion:152 Resp: 66410
Ion Ratio Lower Upper
152 100
150 160.1 125.3 187.9
115 69.8 48.8 73.2



#5
2-Fluorophenol
Concen: 11.446 ng
RT: 5.510 min Scan# 548
Delta R.T. -0.006 min
Lab File: BF128222.D
Acq: 12 May 2022 17:04

Tgt Ion:112 Resp: 47684
Ion Ratio Lower Upper
112 100
64 64.2 49.5 74.3
63 34.7 26.3 39.5





#7

Phenol-d6

Concen: 10.877 ng

RT: 6.522 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF128222.D

Acq: 12 May 2022 17:04

Instrument :

BNA_F

ClientSampleId :

RO-371DL

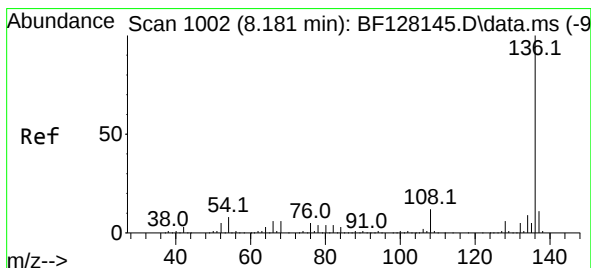
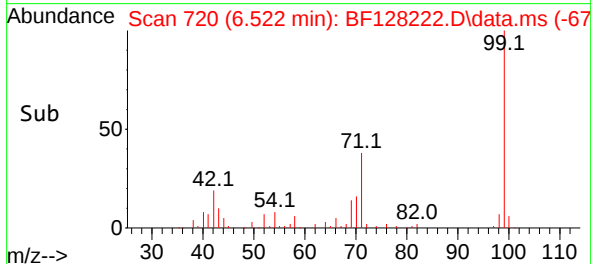
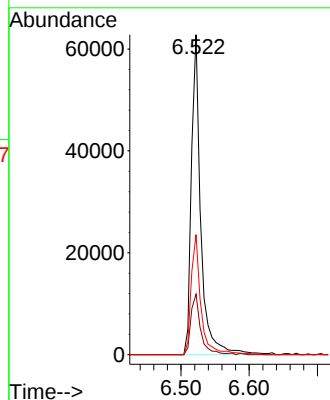
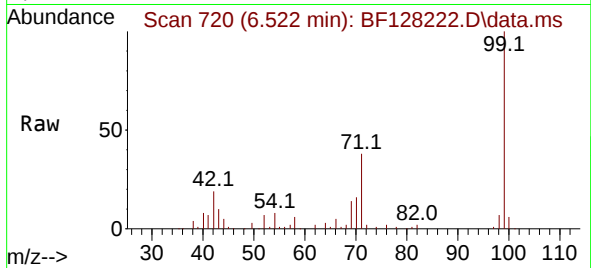
Tgt Ion: 99 Resp: 59931

Ion Ratio Lower Upper

99 100

42 18.9 16.6 24.8

71 37.5 30.0 45.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1002

Delta R.T. -0.000 min

Lab File: BF128222.D

Acq: 12 May 2022 17:04

Tgt Ion:136 Resp: 229579

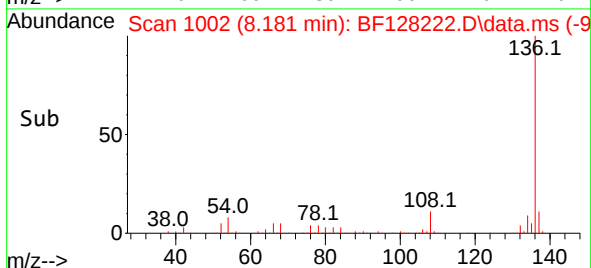
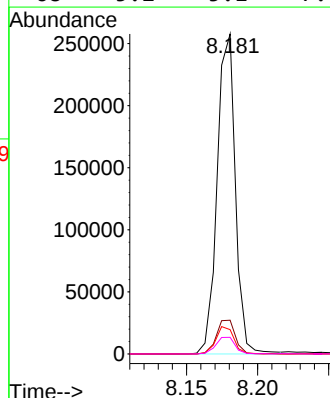
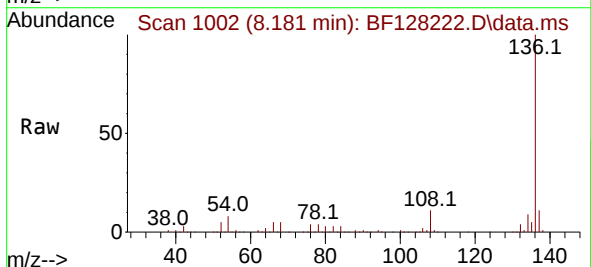
Ion Ratio Lower Upper

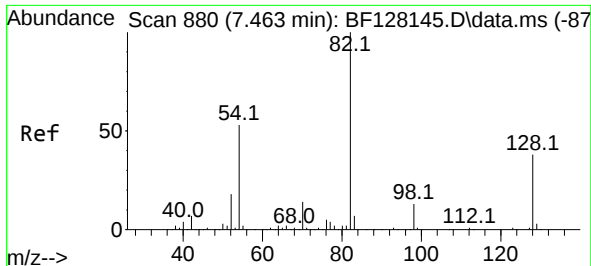
136 100

137 10.6 8.6 13.0

54 7.6 6.8 10.2

68 5.2 5.1 7.7

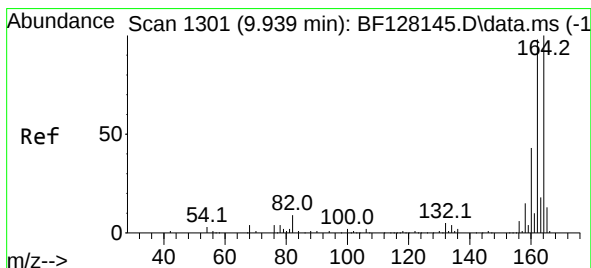
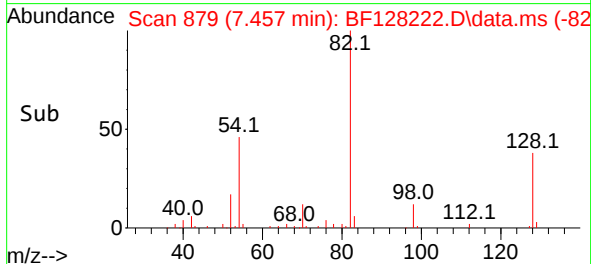
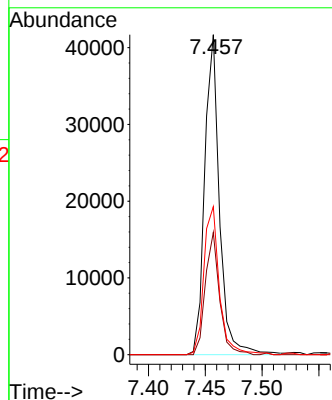
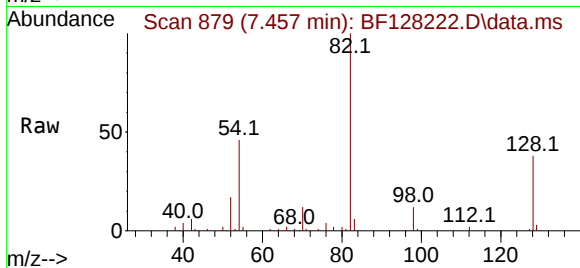




#23
Nitrobenzene-d5
Concen: 7.379 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128222.D
Acq: 12 May 2022 17:04

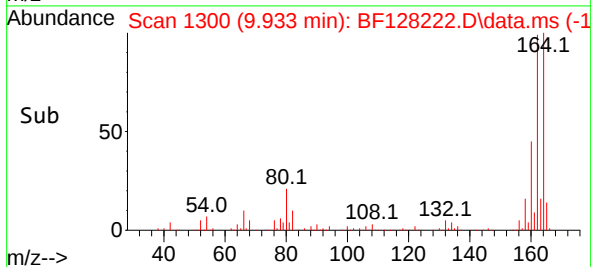
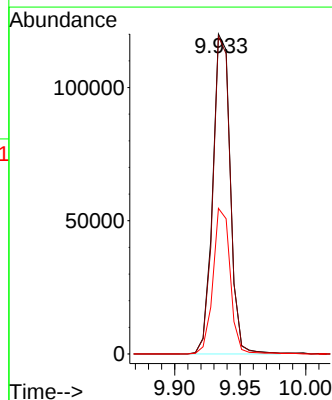
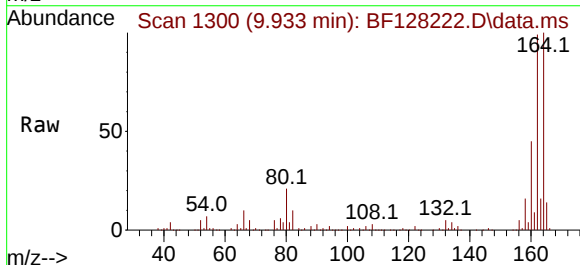
Instrument :
BNA_F
ClientSampleId :
RO-371DL

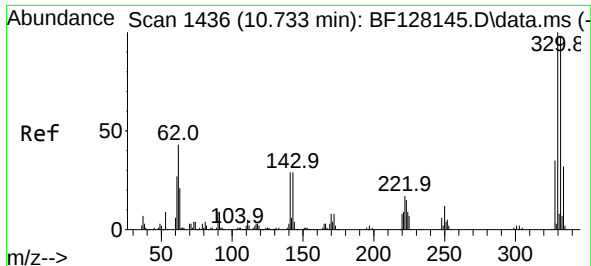
Tgt Ion: 82 Resp: 37648
Ion Ratio Lower Upper
82 100
128 38.2 30.0 45.0
54 46.3 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128222.D
Acq: 12 May 2022 17:04

Tgt Ion:164 Resp: 111705
Ion Ratio Lower Upper
164 100
162 99.3 76.0 114.0
160 45.5 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 8.969 ng

RT: 10.727 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF128222.D

Acq: 12 May 2022 17:04

Instrument :

BNA_F

ClientSampleId :

RO-371DL

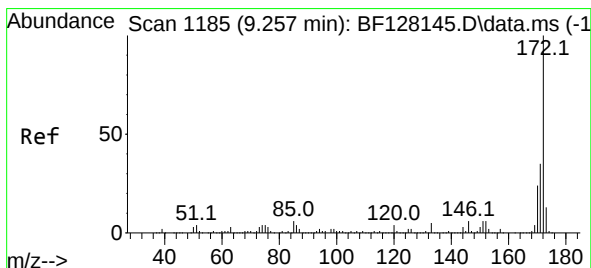
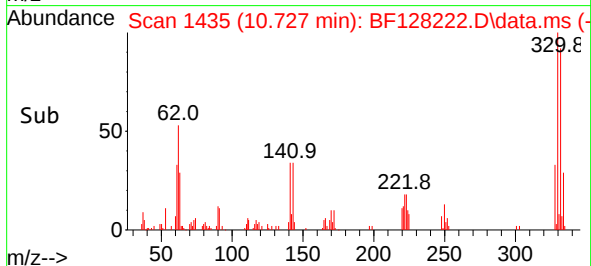
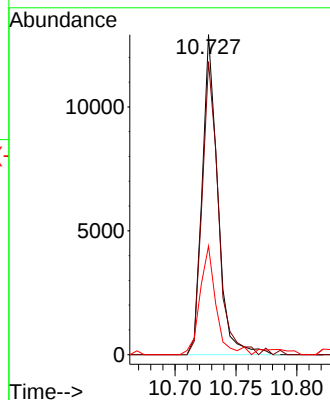
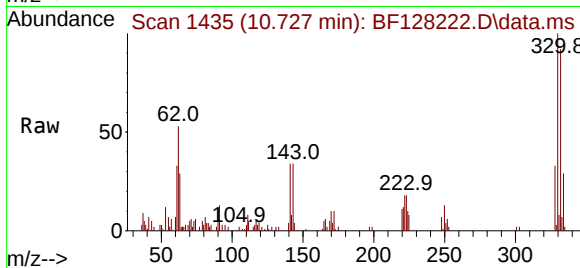
Tgt Ion:330 Resp: 11490

Ion Ratio Lower Upper

330 100

332 94.3 79.0 118.4

141 34.9 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 6.728 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF128222.D

Acq: 12 May 2022 17:04

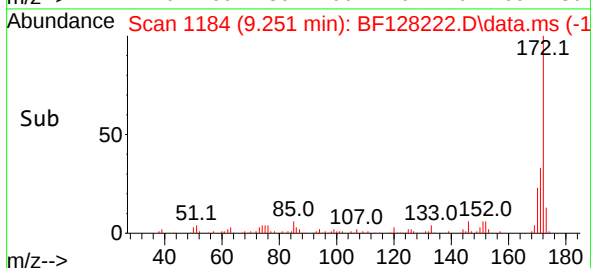
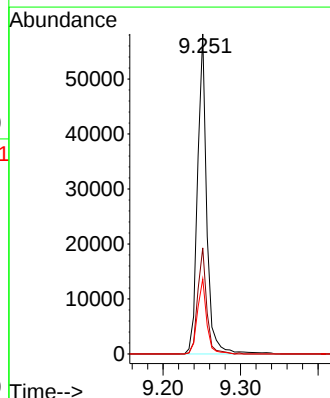
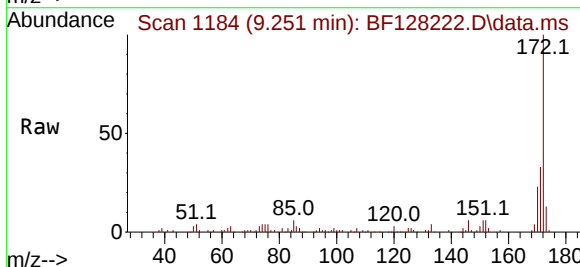
Tgt Ion:172 Resp: 48031

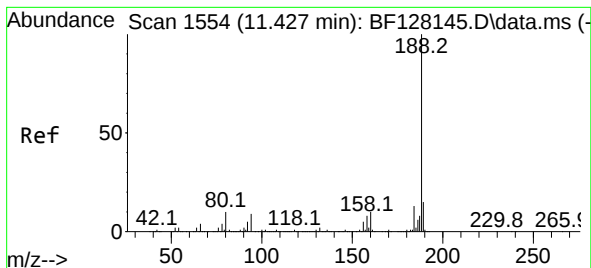
Ion Ratio Lower Upper

172 100

171 33.1 28.6 42.8

170 23.5 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1554

Delta R.T. -0.000 min

Lab File: BF128222.D

Acq: 12 May 2022 17:04

Instrument :

BNA_F

ClientSampleId :

RO-371DL

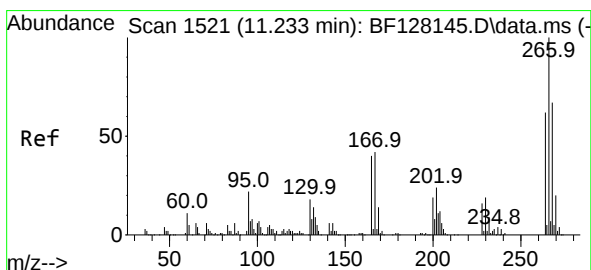
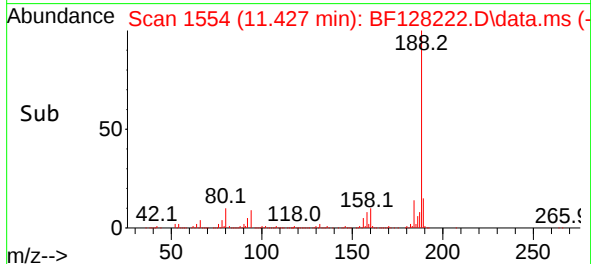
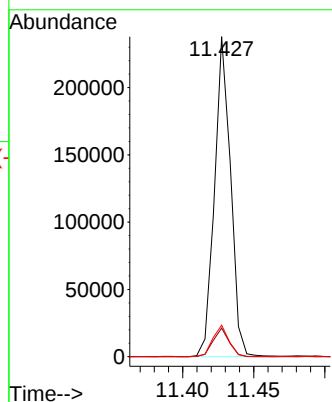
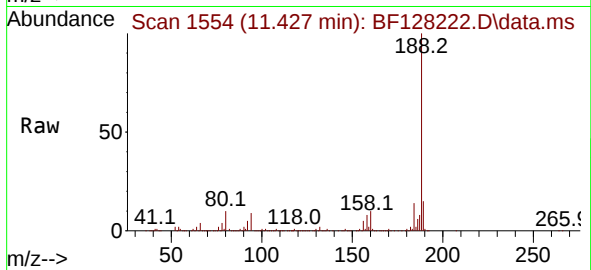
Tgt Ion:188 Resp: 186673

Ion Ratio Lower Upper

188 100

94 9.0 8.0 12.0

80 9.8 8.9 13.3



#70

Pentachlorophenol

Concen: 57.836 ng

RT: 11.233 min Scan# 1521

Delta R.T. -0.000 min

Lab File: BF128222.D

Acq: 12 May 2022 17:04

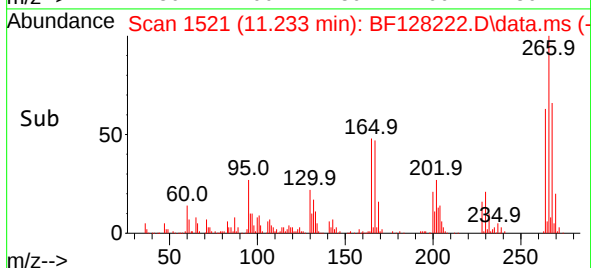
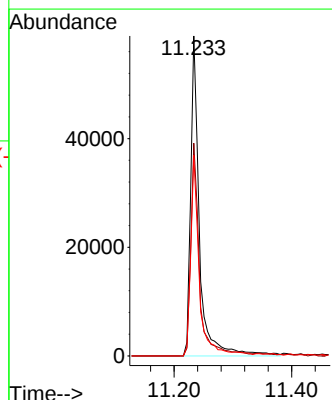
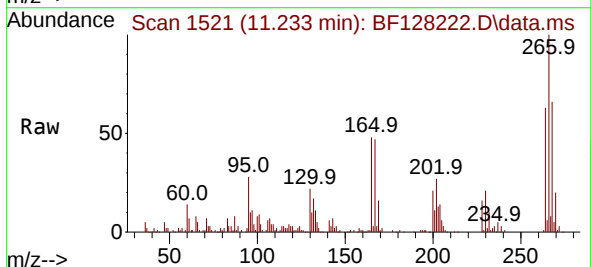
Tgt Ion:266 Resp: 61665

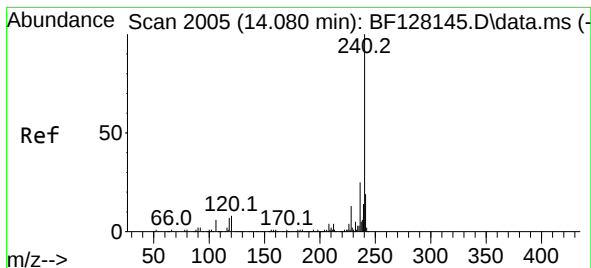
Ion Ratio Lower Upper

266 100

268 66.5 53.0 79.6

264 62.7 53.1 79.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 2005

Delta R.T. -0.006 min

Lab File: BF128222.D

Acq: 12 May 2022 17:04

Instrument :

BNA_F

ClientSampleId :

RO-371DL

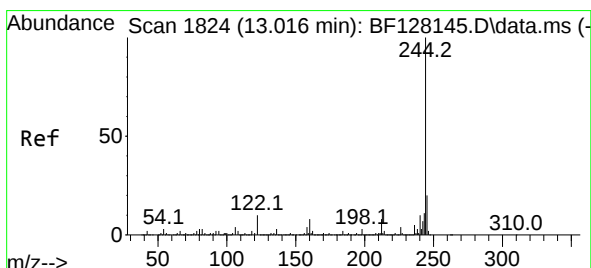
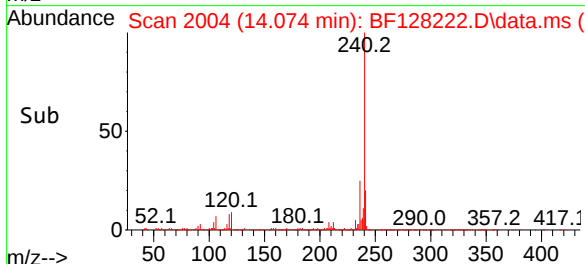
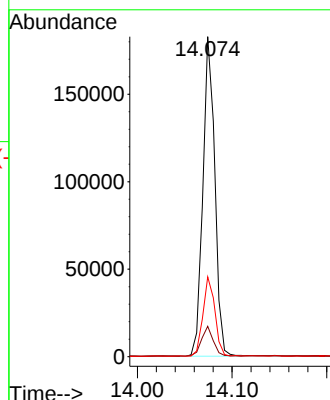
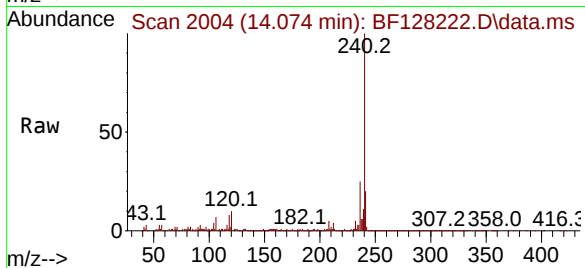
Tgt Ion:240 Resp: 160611

Ion Ratio Lower Upper

240 100

120 9.5 7.0 10.6

236 25.0 20.3 30.5



#79

Terphenyl-d14

Concen: 6.305 ng

RT: 13.010 min Scan# 1823

Delta R.T. -0.006 min

Lab File: BF128222.D

Acq: 12 May 2022 17:04

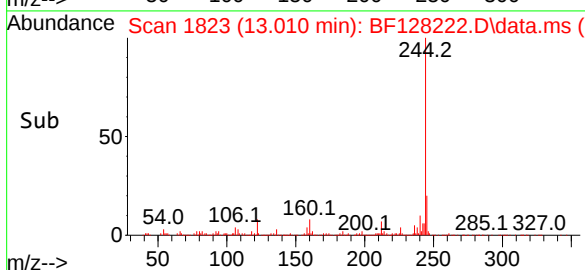
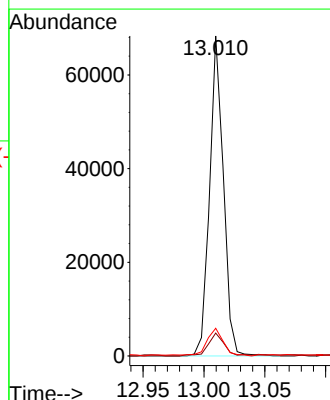
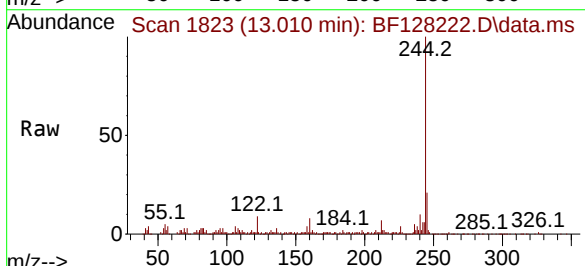
Tgt Ion:244 Resp: 53967

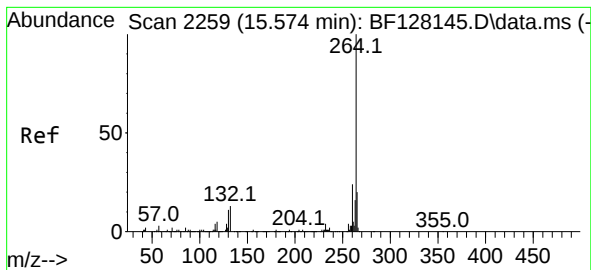
Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.4

122 8.6 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF128222.D
Acq: 12 May 2022 17:04

Instrument :
BNA_F
ClientSampleId :
RO-371DL

Tgt Ion:264 Resp: 123699

Ion	Ratio	Lower	Upper
264	100		
260	23.1	20.1	30.1
265	21.0	17.5	26.3

