

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
 Data File : BF114500.D
 Acq On : 22 May 2019 23:00
 Operator : JU/SJ
 Sample : K2954-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20190334A-GLP-3

Quant Time: May 23 04:12:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

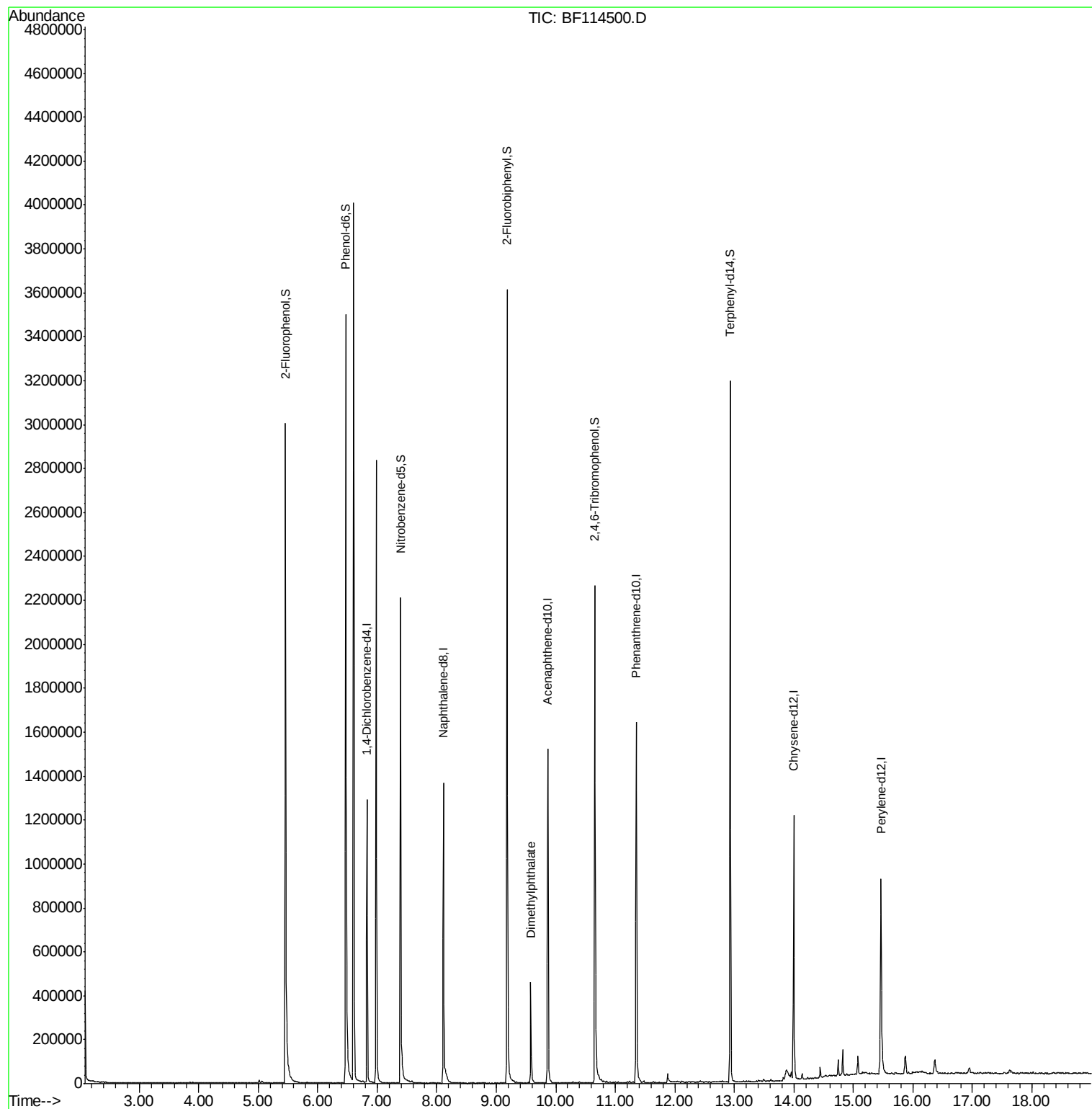
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	182227	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	723730	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	342309	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	692985	20.00	ng	0.00
76) Chrysene-d12	14.00	240	431140	20.00	ng	0.00
87) Perylene-d12	15.46	264	457849	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	990105	87.44	ng	-0.01
7) Phenol-d6	6.47	99	1270378	94.86	ng	-0.01
23) Nitrobenzene-d5	7.39	82	762214	59.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	305418	86.30	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1261002	55.72	ng	0.00
79) Terphenyl-d14	12.93	244	1116321	53.38	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	223223	8.883	ng	Qvalue 100

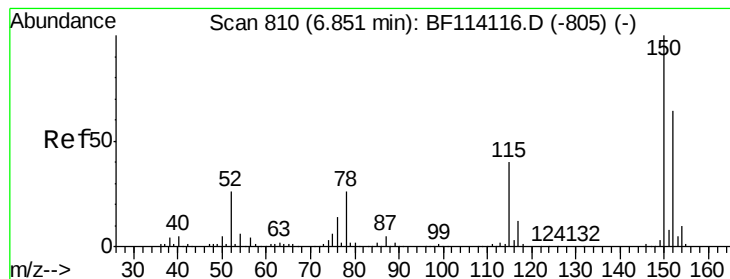
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 23 04:12:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF114500.D

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20190334A-GLP-3

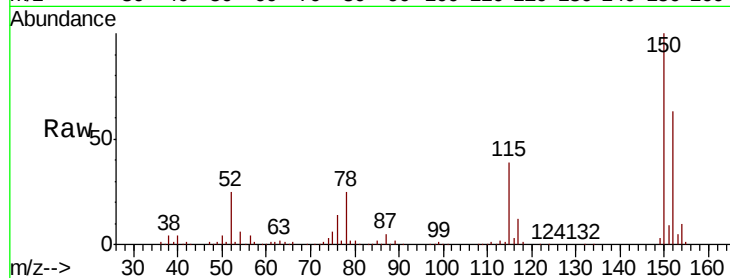
Tot Ion:152 Resp: 182227

Ion Ratio Lower Upper

152 100

150 157.8 124.3 186.5

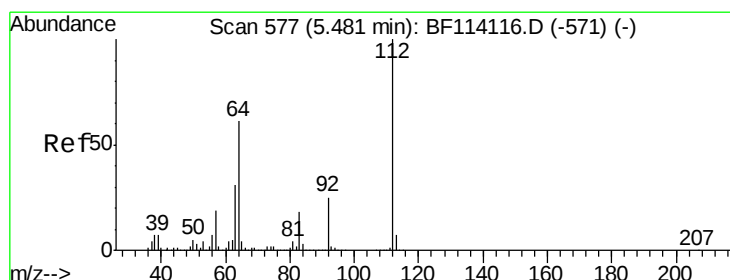
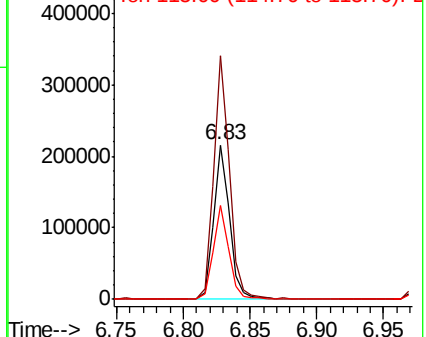
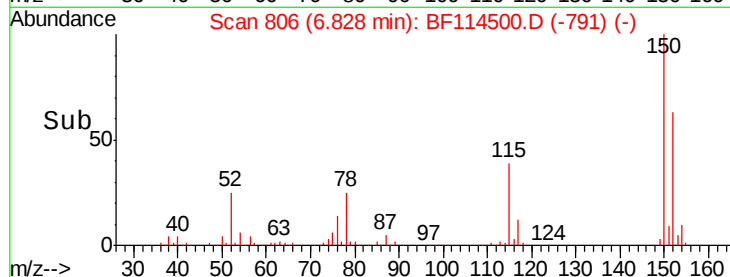
115 61.1 49.1 73.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 87.437 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF114500.D

Acq: 22 May 2019 23:00

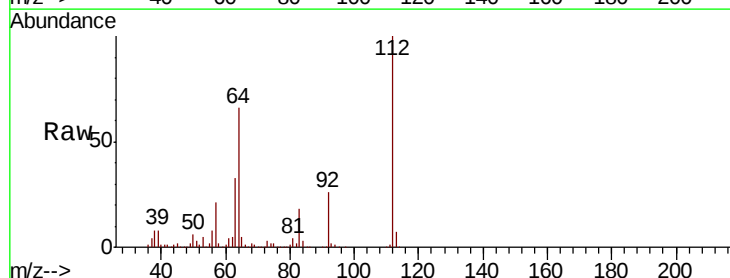
Tgt Ion:112 Resp: 990105

Ion Ratio Lower Upper

112 100

64 66.3 49.0 73.6

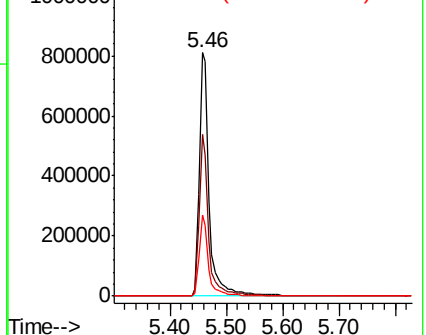
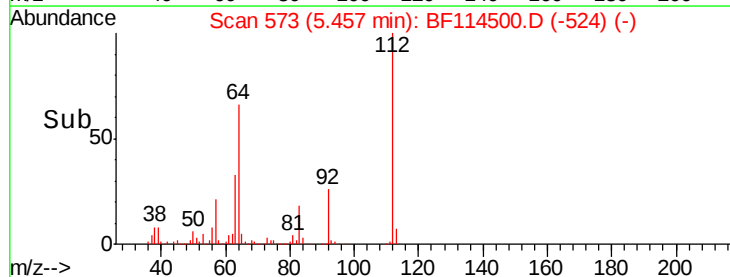
63 33.5 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 94.855 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF114500.D

Acq: 22 May 2019 23:00

Instrument :

BNA_F

ClientSampleId :

20190334A-GLP-3

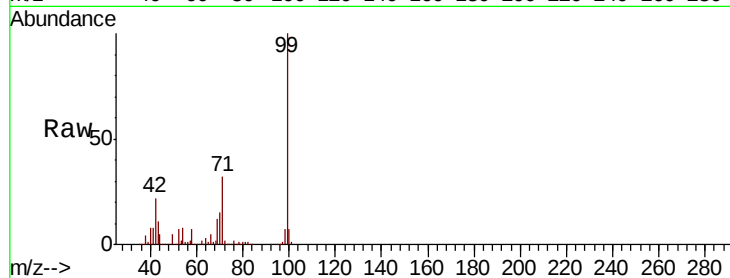
Tot Ion: 99 Resp: 1270378

Ion Ratio Lower Upper

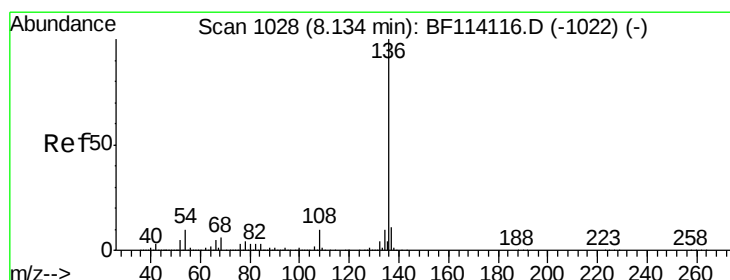
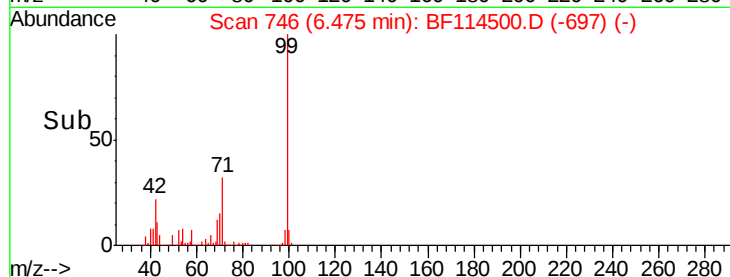
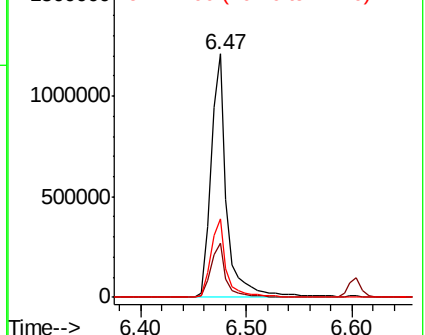
99 100

42 22.1 17.9 26.9

71 32.5 26.2 39.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF114500.D

Acq: 22 May 2019 23:00

Tgt Ion: 136 Resp: 723730

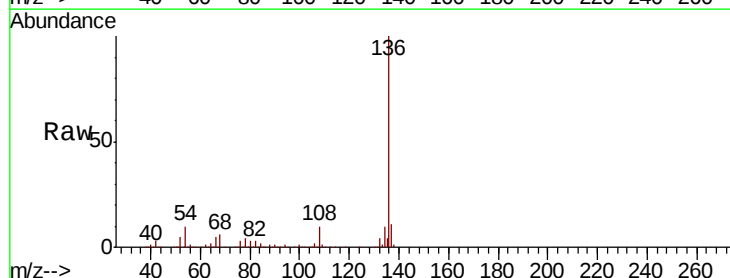
Ion Ratio Lower Upper

136 100

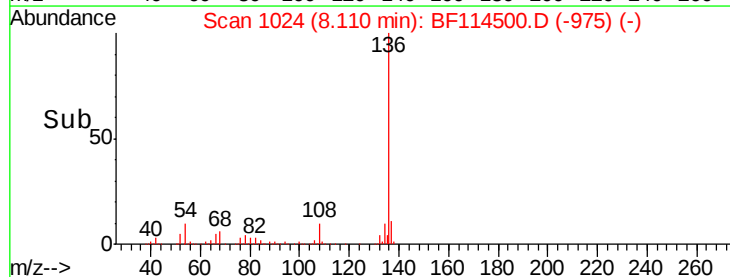
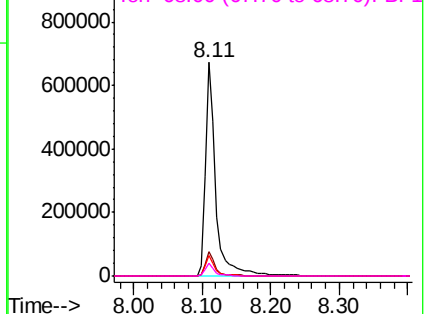
137 11.1 8.8 13.2

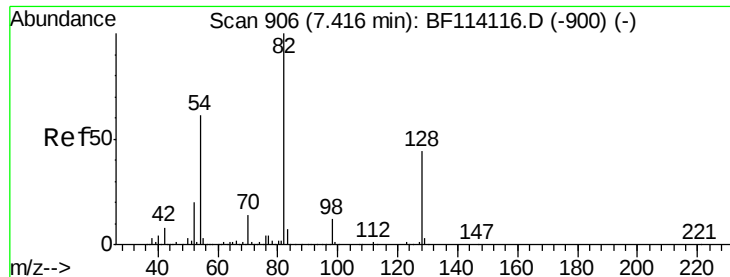
54 9.9 7.8 11.8

68 6.3 5.1 7.7



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

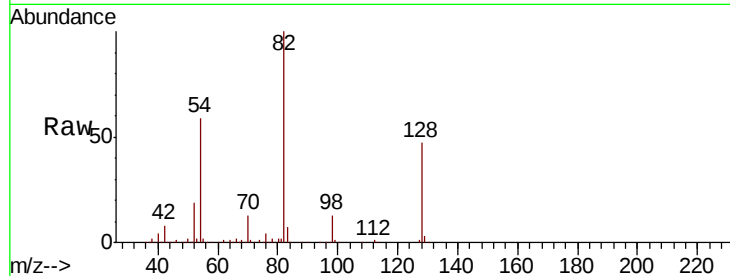




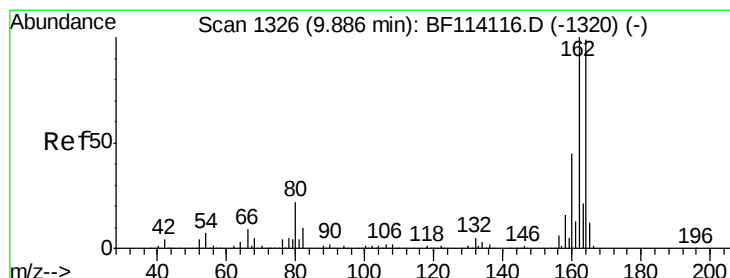
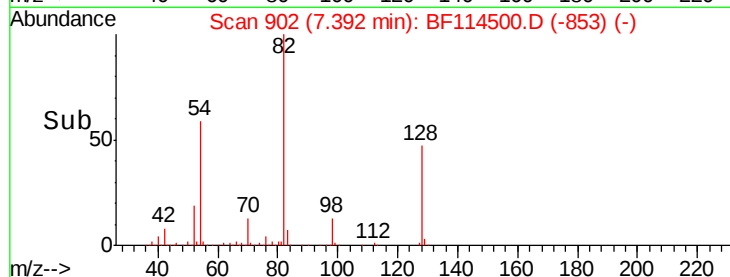
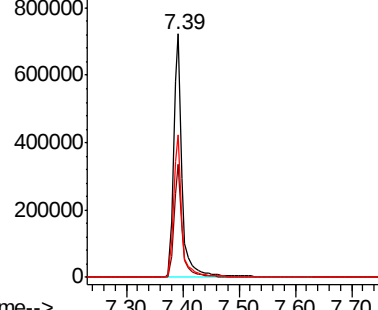
#23
Nitrobenzene-d5
Concen: 59.104 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF114500.D
Acq: 22 May 2019 23:00

Instrument :
BNA_F
ClientSampleId :
20190334A-GLP-3

Tot Ion	82	Resp	762214
Ion Ratio	100	Lower	Upper
128	46.5	35.5	53.3
54	58.5	48.5	72.7

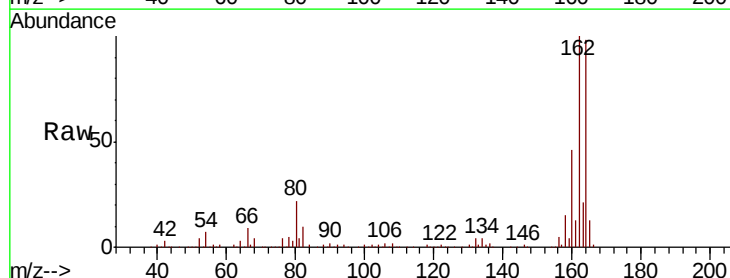


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

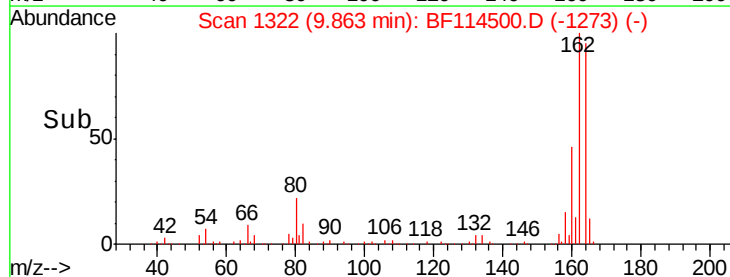
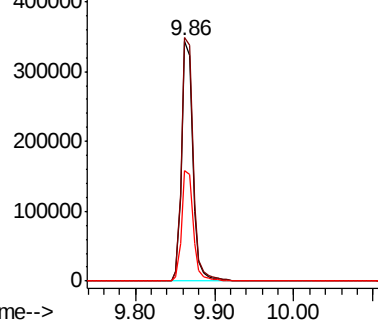


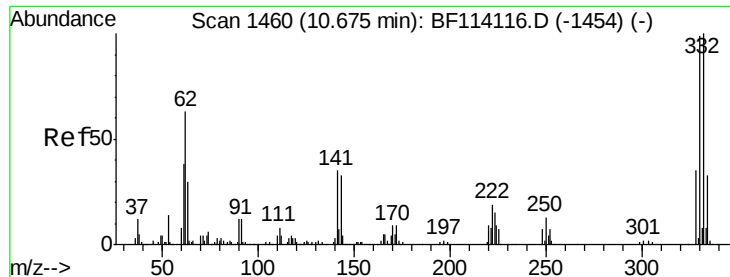
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF114500.D
Acq: 22 May 2019 23:00

Tgt Ion	164	Resp	342309
Ion Ratio	100	Lower	Upper
162	101.5	80.6	120.8
160	46.2	36.5	54.7



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 86.303 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF114500.D

Acq: 22 May 2019 23:00

Instrument :

BNA_F

ClientSampleId :

20190334A-GLP-3

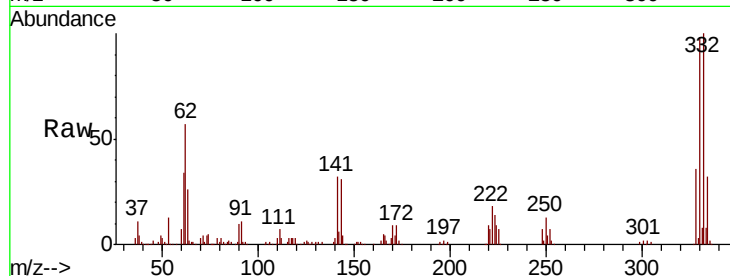
Tot Ion:330 Resp: 305418

Ion Ratio Lower Upper

330 100

332 102.0 81.4 122.2

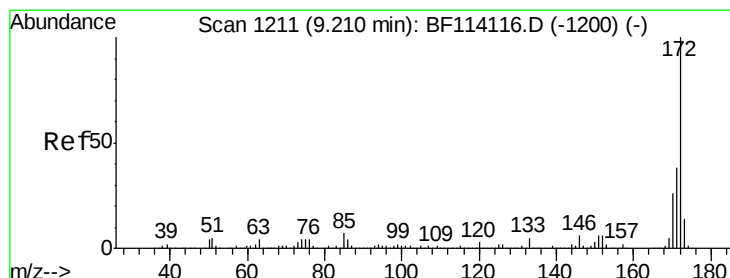
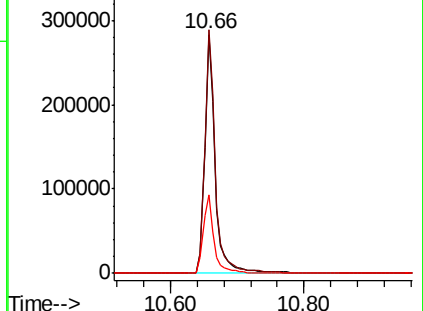
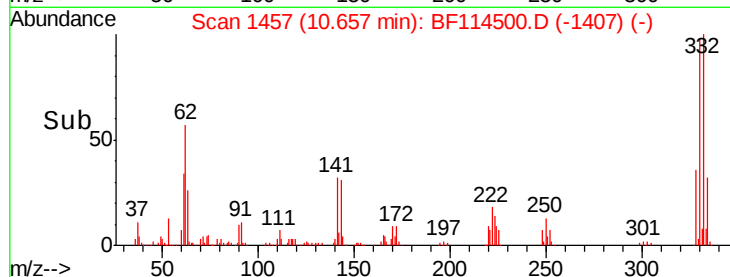
141 32.9 26.6 40.0



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 55.724 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF114500.D

Acq: 22 May 2019 23:00

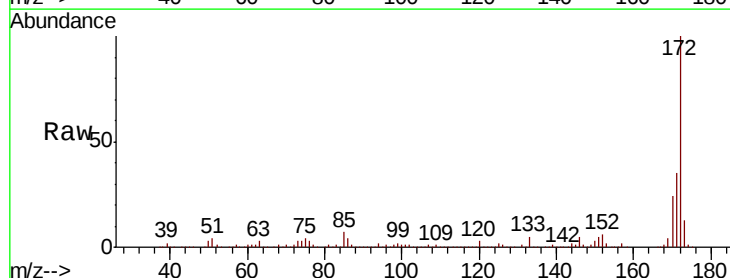
Tgt Ion:172 Resp: 1261002

Ion Ratio Lower Upper

172 100

171 35.5 30.7 46.1

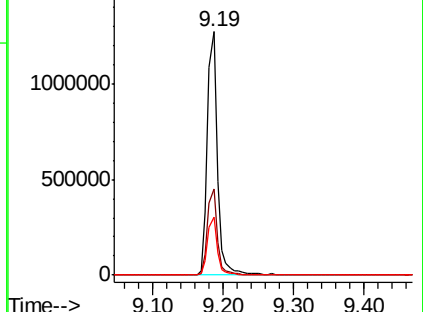
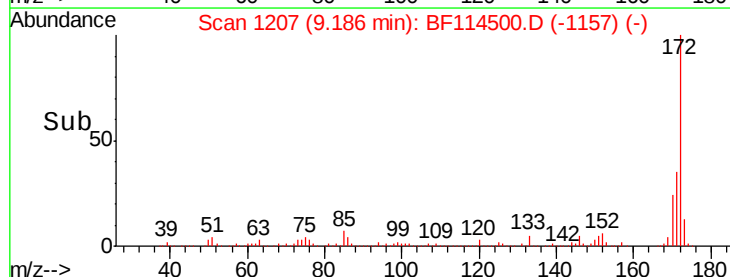
170 23.6 20.5 30.7

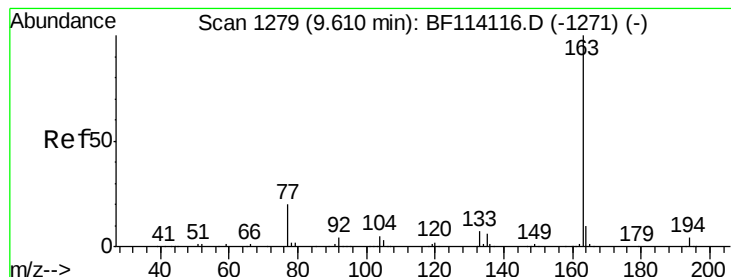


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 8.883 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF114500.D

Acq: 22 May 2019 23:00

Instrument :

BNA_F

ClientSampleId :

20190334A-GLP-3

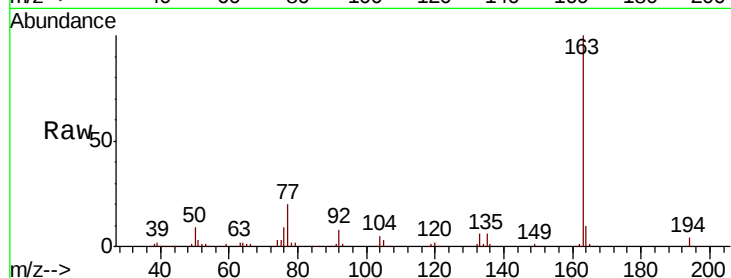
Tot Ion:163 Resp: 223223

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

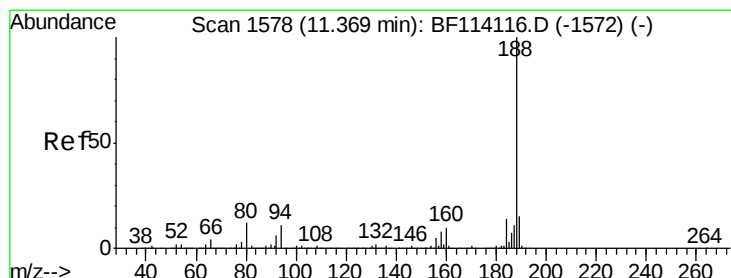
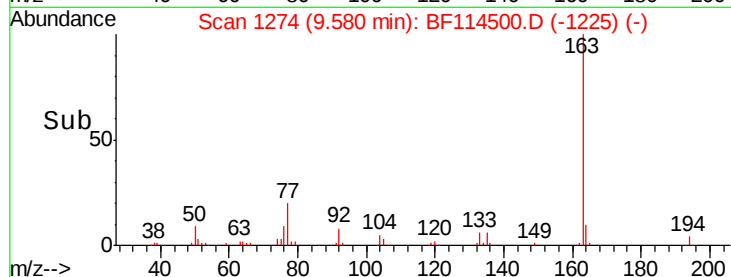
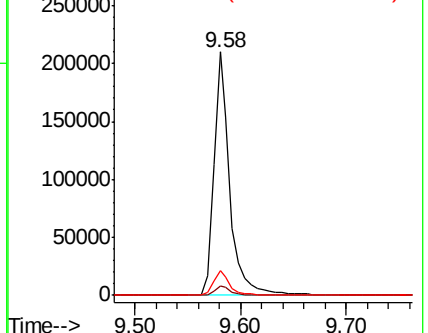
164 10.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF114500.D

Acq: 22 May 2019 23:00

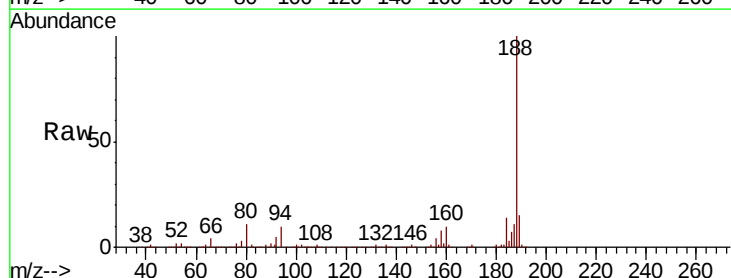
Tgt Ion:188 Resp: 692985

Ion Ratio Lower Upper

188 100

94 10.2 8.4 12.6

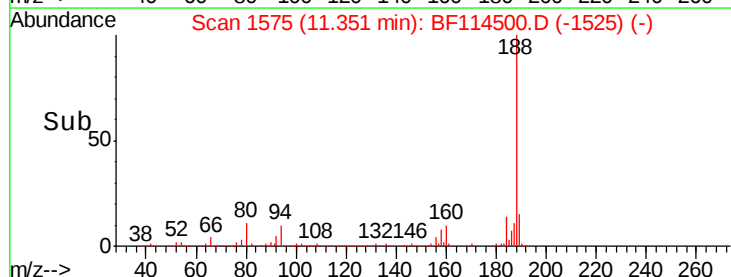
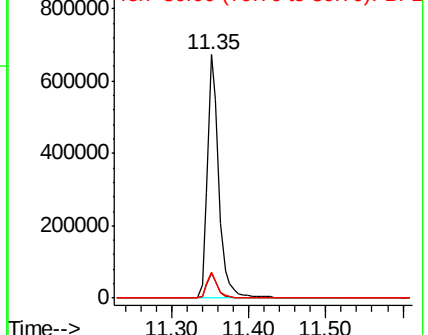
80 10.6 9.2 13.8

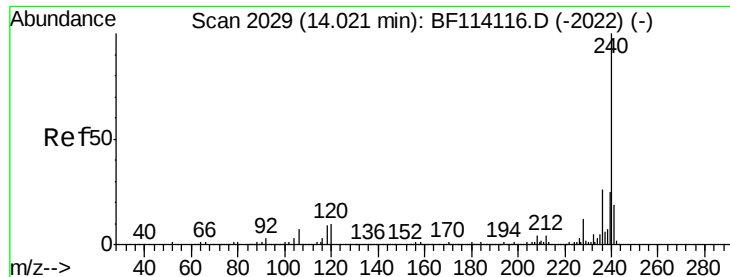


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

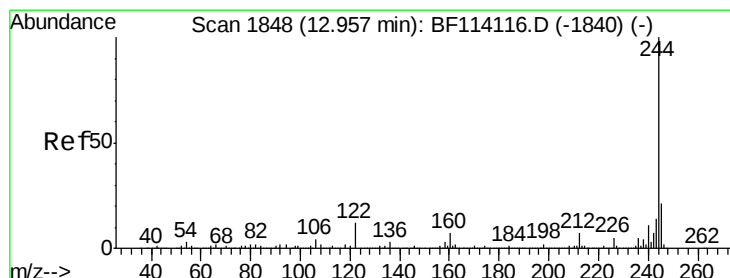
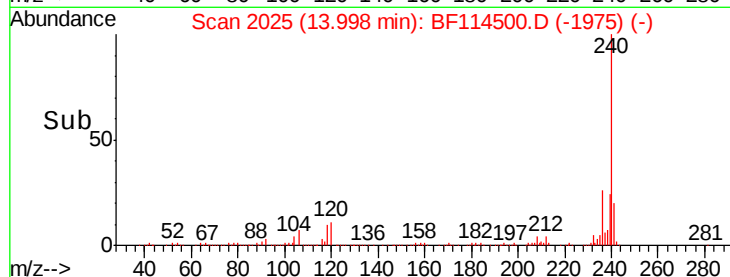
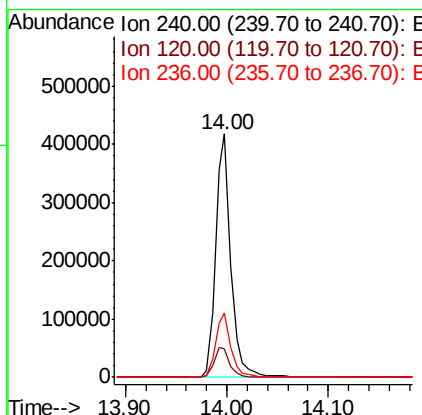
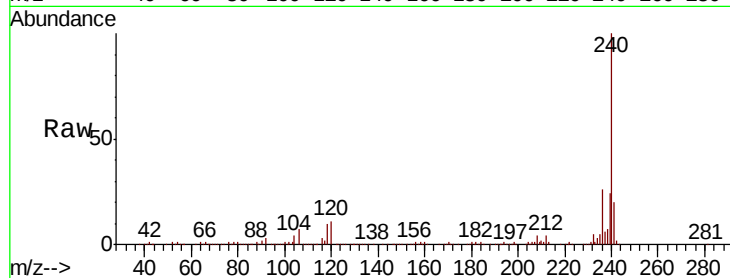




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF114500.D
Acq: 22 May 2019 23:00

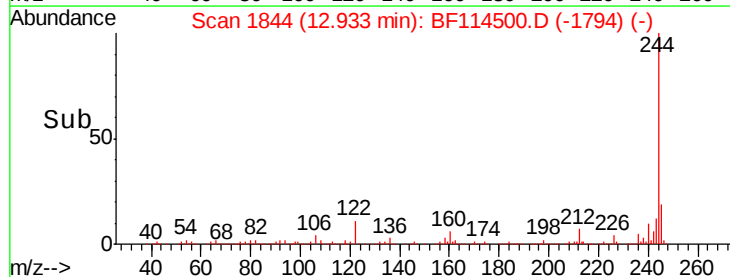
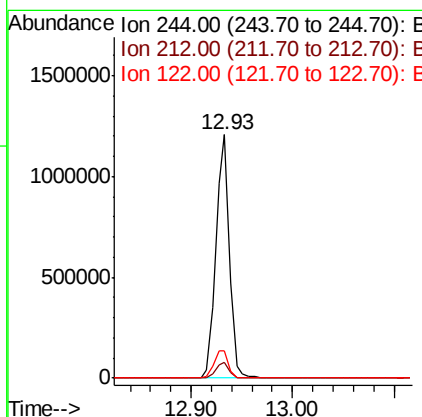
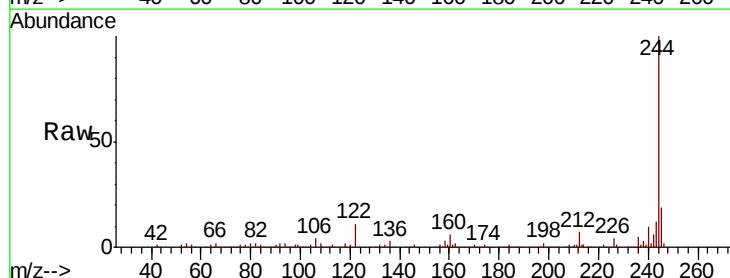
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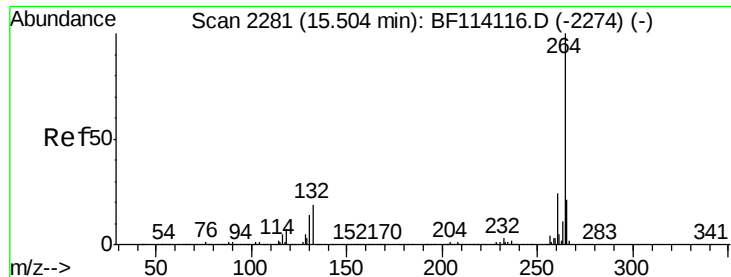
Tot Ion:240 Resp: 431140
Ion Ratio Lower Upper
240 100
120 11.5 8.3 12.5
236 26.3 20.8 31.2



#79
Terphenyl-d14
Concen: 53.375 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF114500.D
Acq: 22 May 2019 23:00

Tgt Ion:244 Resp: 1116321
Ion Ratio Lower Upper
244 100
212 6.5 5.8 8.6
122 11.1 9.4 14.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: BF114500.D
 Acq: 22 May 2019 23:00

Instrument :
 BNA_F
 ClientSampleId :
 20190334A-GLP-3

Tot Ion: 264 Resp: 457849
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.0
 265 22.1 16.9 25.3

