

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
 Data File : BF114492.D
 Acq On : 22 May 2019 19:28
 Operator : JU/SJ
 Sample : K2970-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-D

Quant Time: May 23 03:57:52 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

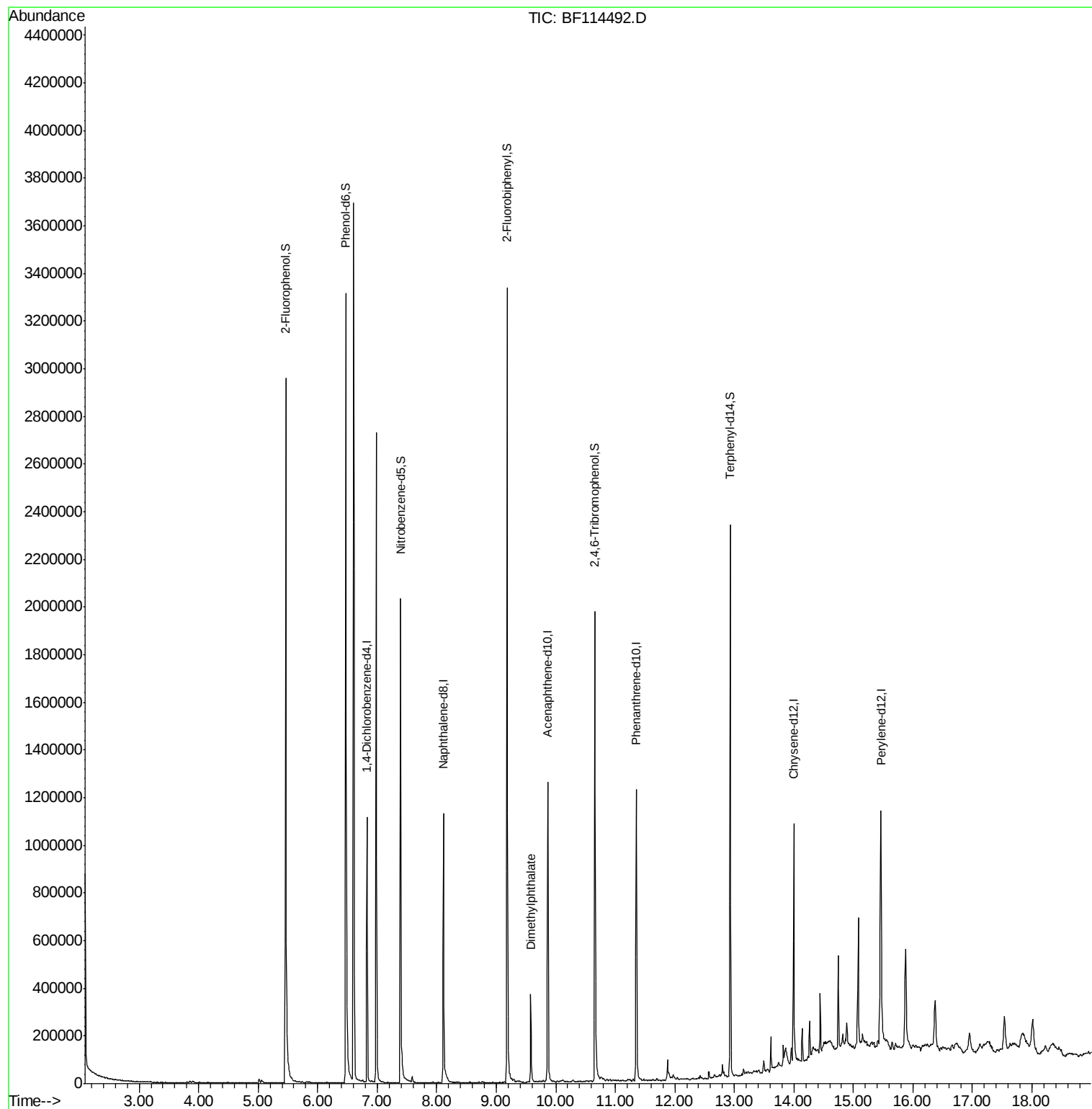
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	157256	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	605925	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	276048	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	504197	20.00	ng	0.00
76) Chrysene-d12	14.00	240	355763	20.00	ng	0.00
87) Perylene-d12	15.46	264	395219	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	919000	94.04	ng	0.00
7) Phenol-d6	6.47	99	1192343	103.17	ng	-0.01
23) Nitrobenzene-d5	7.39	82	699560	64.79	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	252327	88.42	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1105270	60.57	ng	0.00
79) Terphenyl-d14	12.93	244	811521	47.02	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	163764	8.081	ng	Qvalue 99

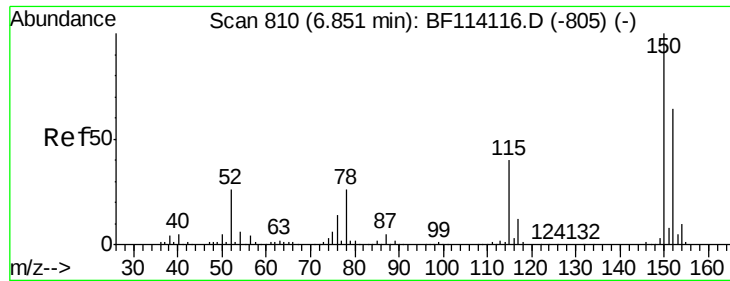
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
ClientSampleId :
TP-11-D

Quant Time: May 23 03:57:52 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



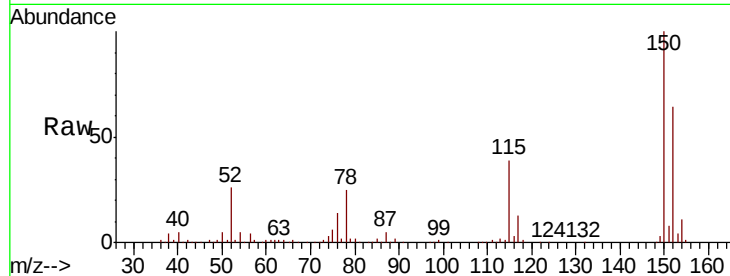


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114492.D
Acq: 22 May 2019 19:28

Instrument :
BNA_F
ClientSampleId :
TP-11-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.3	186.5
115	60.6	49.1	73.7

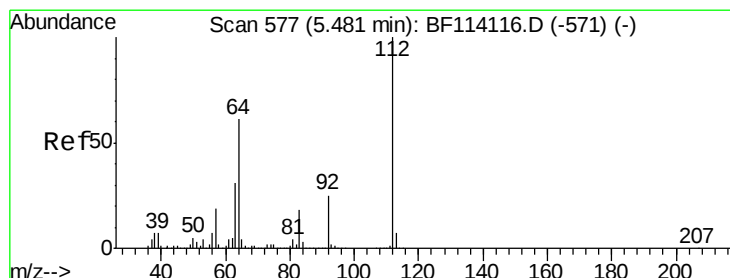
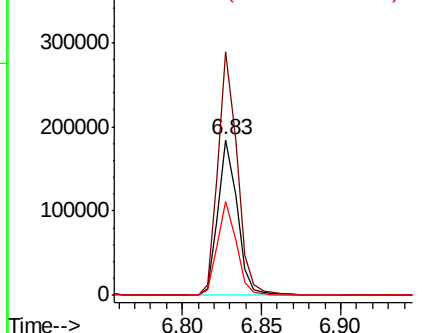
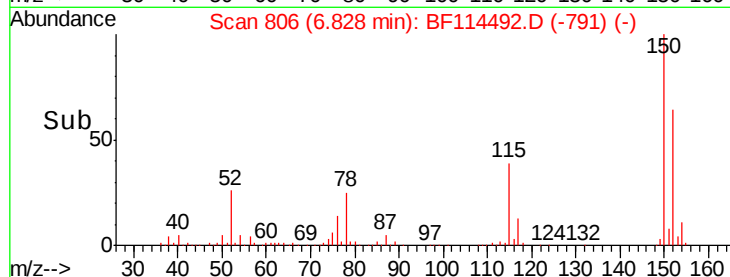


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

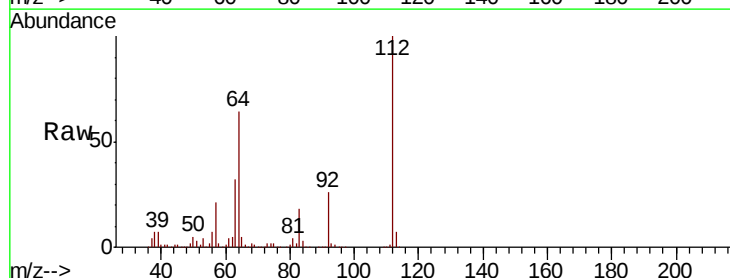
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 94.045 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF114492.D
Acq: 22 May 2019 19:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	49.0	73.6
63	32.4	24.6	37.0

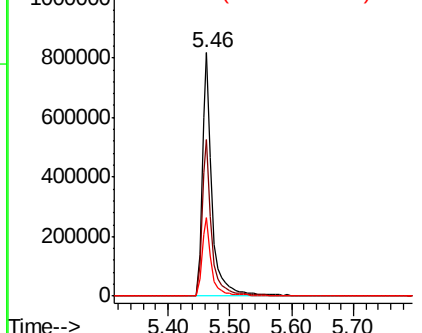
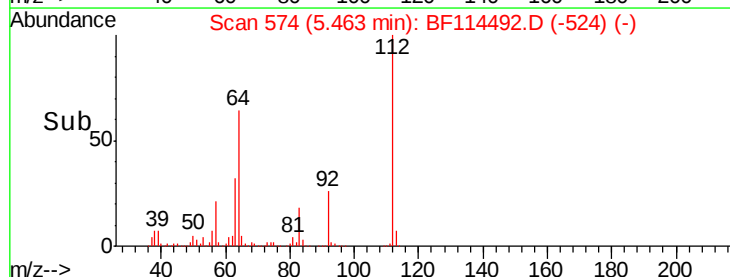


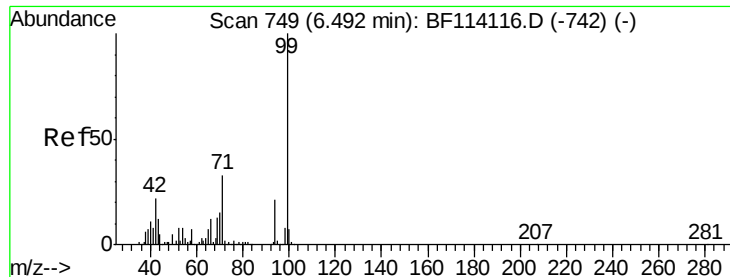
Abundance

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: 103.165 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF114492.D

Acq: 22 May 2019 19:28

Instrument :

BNA_F

ClientSampleId :

TP-11-D

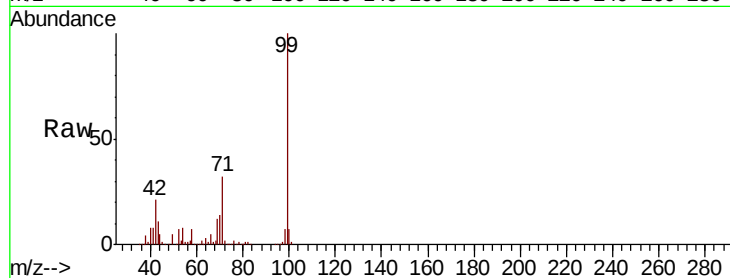
Tot Ion: 99 Resp: 1192343

Ion Ratio Lower Upper

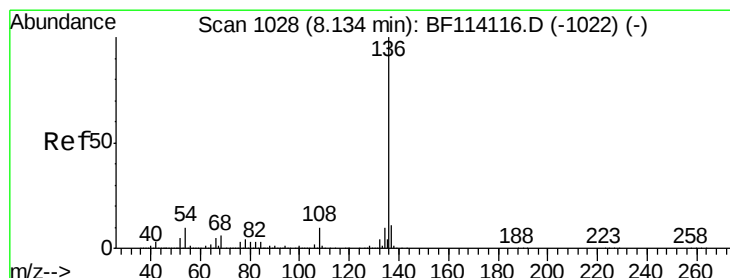
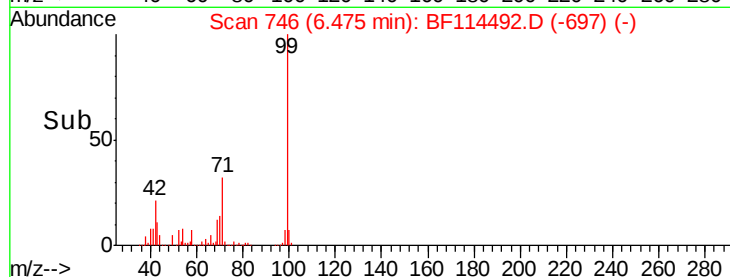
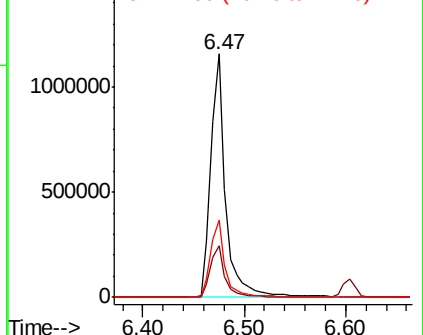
99 100

42 21.3 17.9 26.9

71 31.7 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: BF114492.D

Acq: 22 May 2019 19:28

Tgt Ion: 136 Resp: 605925

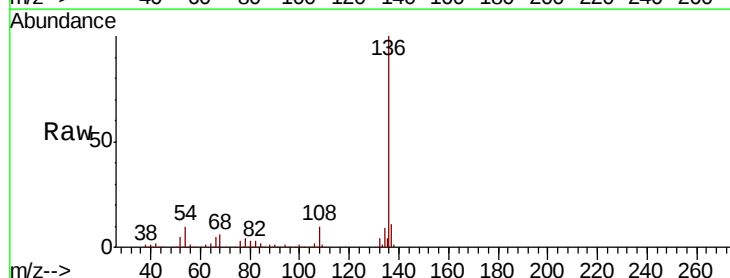
Ion Ratio Lower Upper

136 100

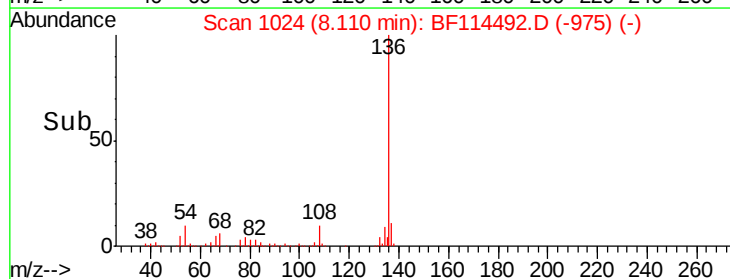
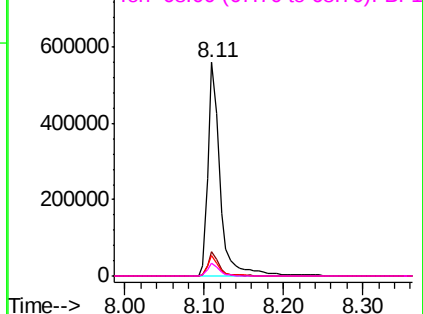
137 11.4 8.8 13.2

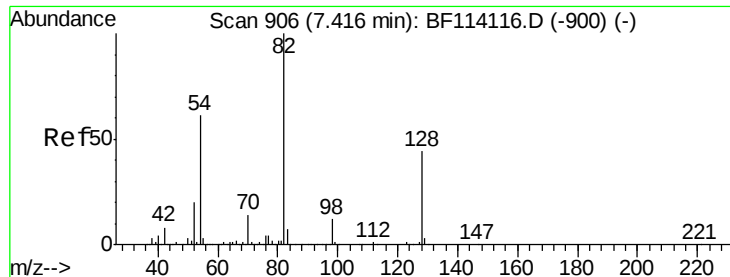
54 9.6 7.8 11.8

68 5.9 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

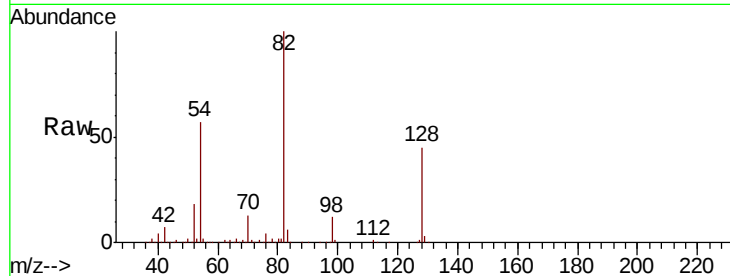




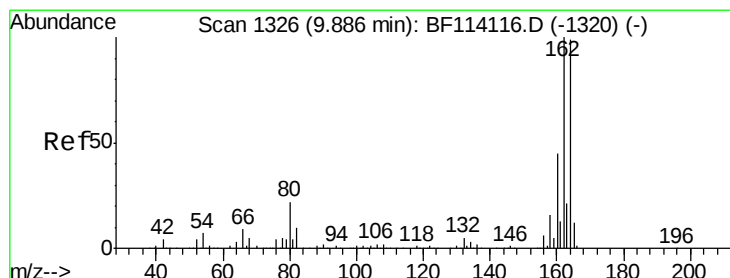
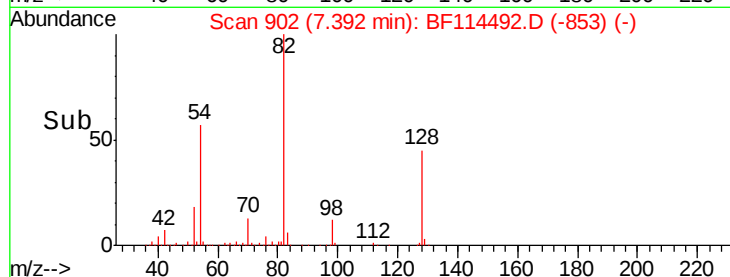
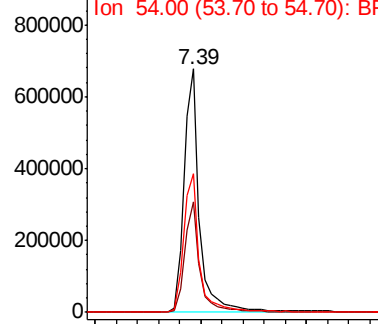
#23
Nitrobenzene-d5
Concen: 64.792 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF114492.D
Acq: 22 May 2019 19:28

Instrument :
BNA_F
ClientSampled :
TP-11-D

Tot Ion	82	Resp	699560
Ion Ratio	100	Lower	Upper
128	45.4	35.5	53.3
54	57.1	48.5	72.7

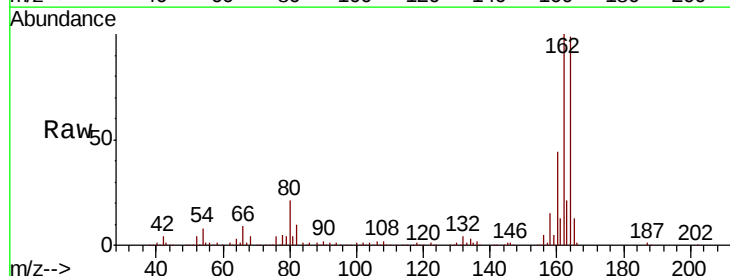


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

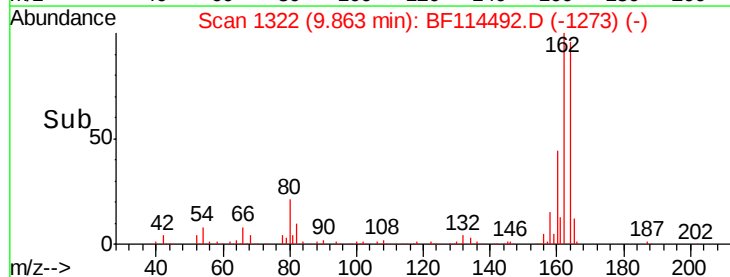
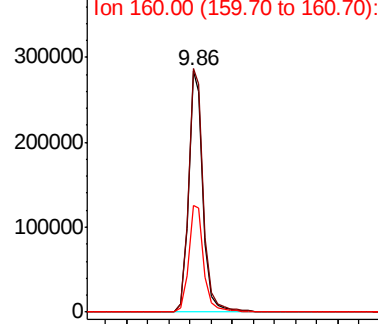


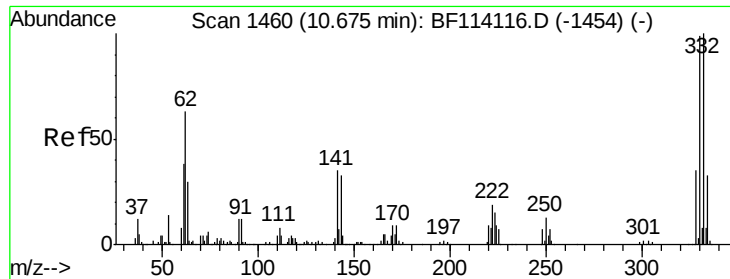
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF114492.D
Acq: 22 May 2019 19:28

Tgt Ion	164	Resp	276048
Ion Ratio	100	Lower	Upper
162	100.9	80.6	120.8
160	44.3	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: 88.416 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF114492.D

Acq: 22 May 2019 19:28

Instrument :

BNA_F

ClientSampleId :

TP-11-D

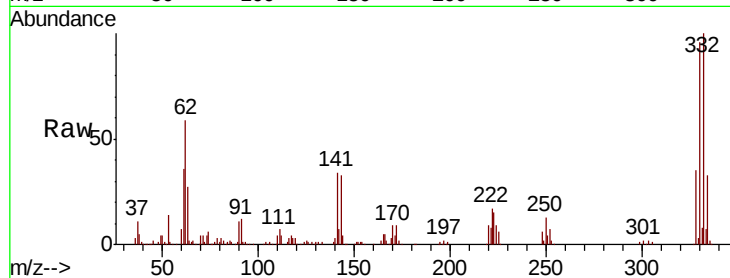
Tot Ion:330 Resp: 252327

Ion Ratio Lower Upper

330 100

332 103.4 81.4 122.2

141 32.9 26.6 40.0

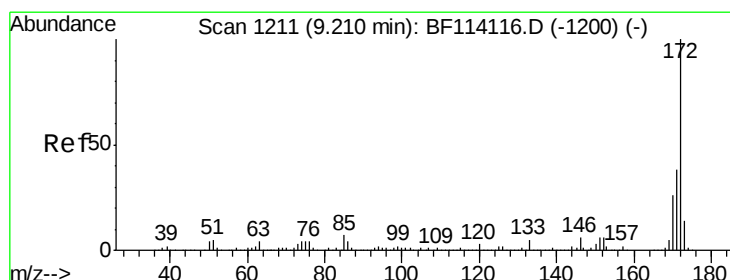
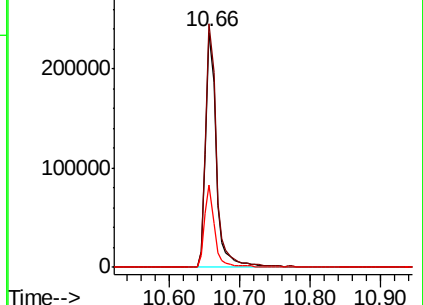
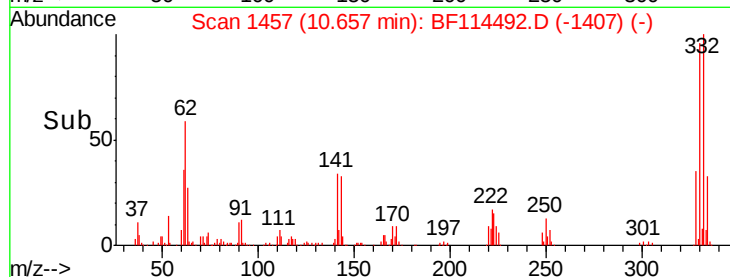


Abundance

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: 60.566 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF114492.D

Acq: 22 May 2019 19:28

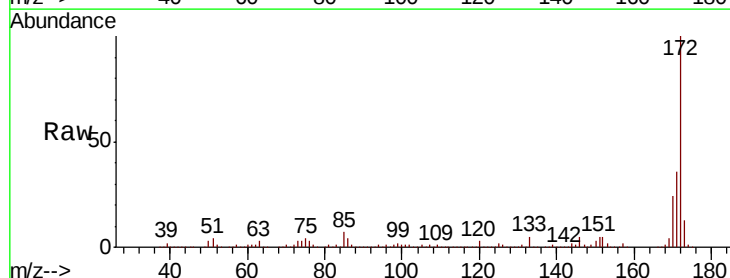
Tgt Ion:172 Resp: 1105270

Ion Ratio Lower Upper

172 100

171 35.9 30.7 46.1

170 23.8 20.5 30.7

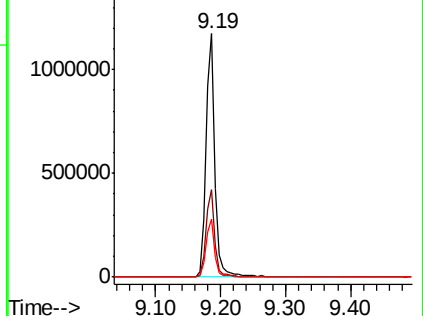
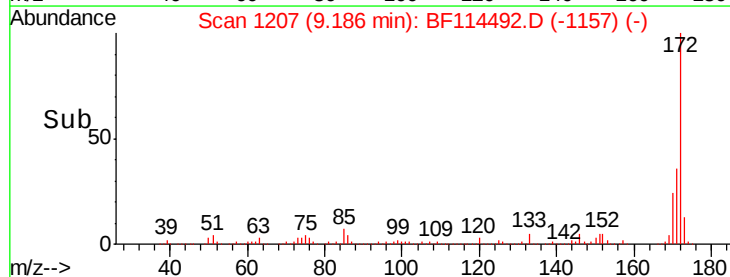


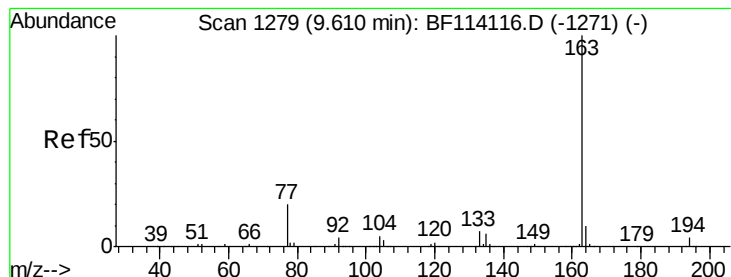
Abundance

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: 8.081 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF114492.D

Acq: 22 May 2019 19:28

Instrument :

BNA_F

ClientSampleId :

TP-11-D

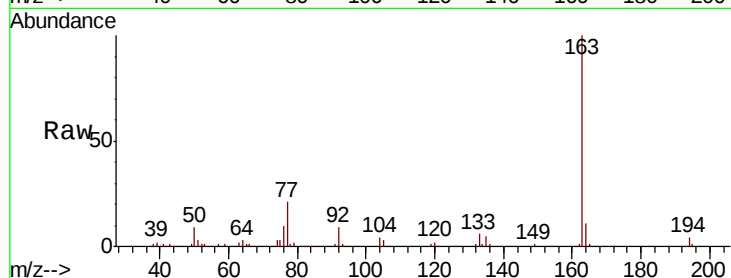
Tot Ion:163 Resp: 163764

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

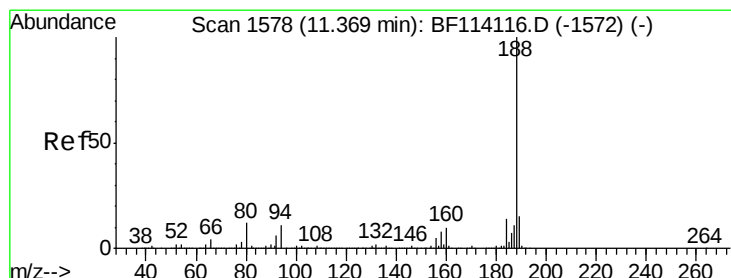
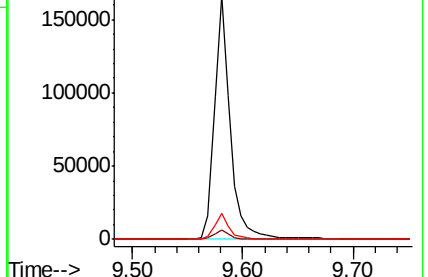
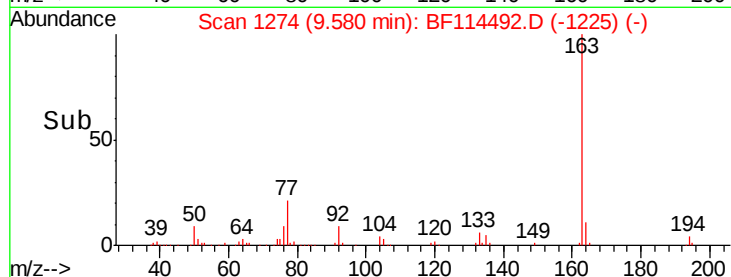
164 10.7 8.2 12.2



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: BF114492.D

Acq: 22 May 2019 19:28

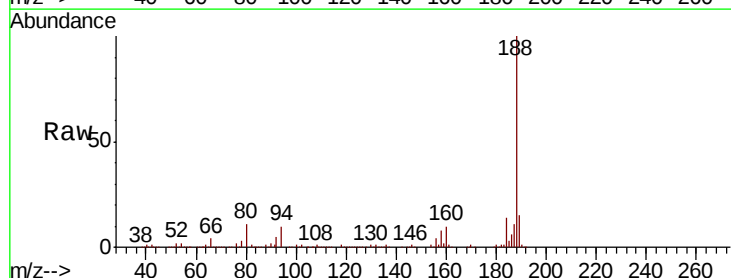
Tgt Ion:188 Resp: 504197

Ion Ratio Lower Upper

188 100

94 10.1 8.4 12.6

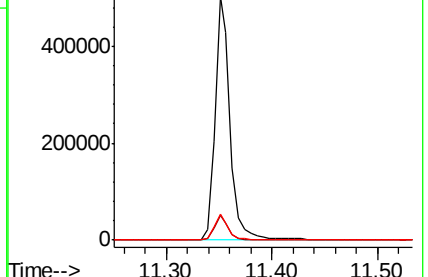
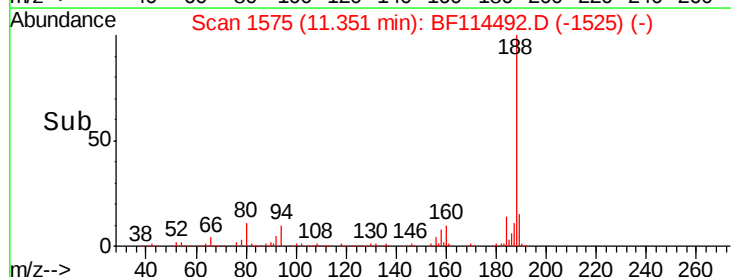
80 10.7 9.2 13.8

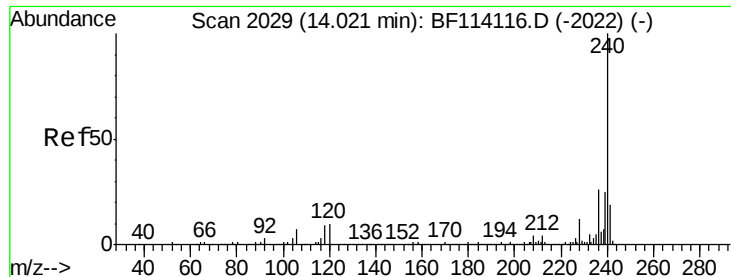


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

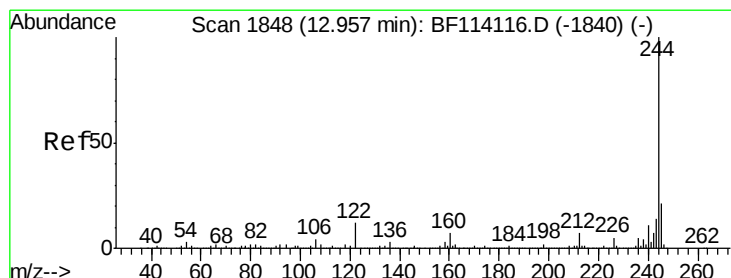
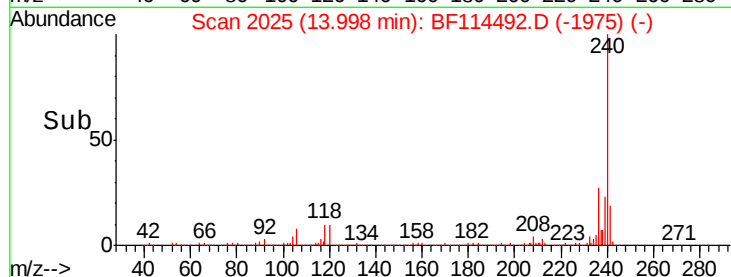
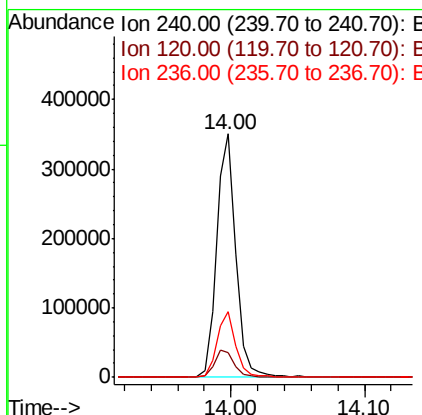
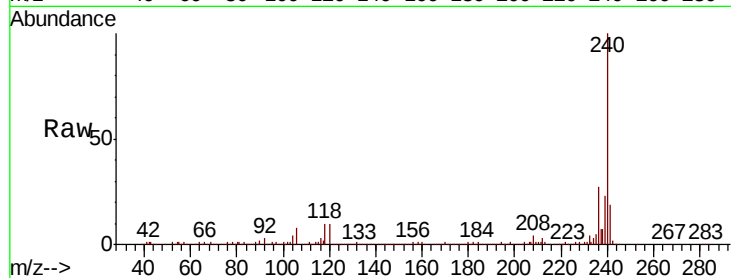




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF114492.D
 Acq: 22 May 2019 19:28

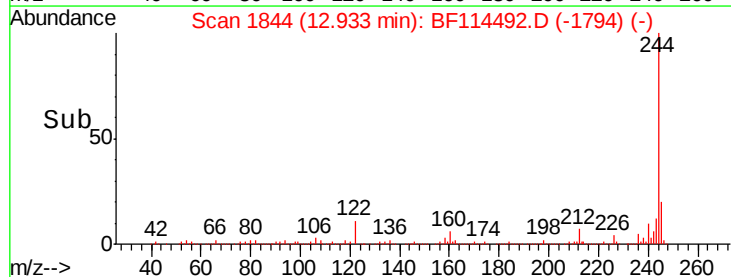
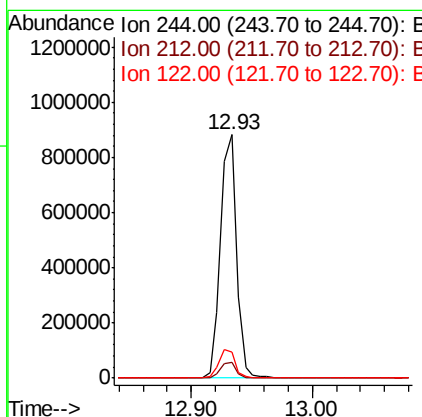
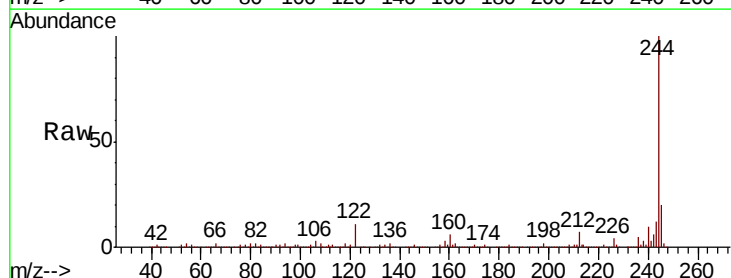
Instrument :
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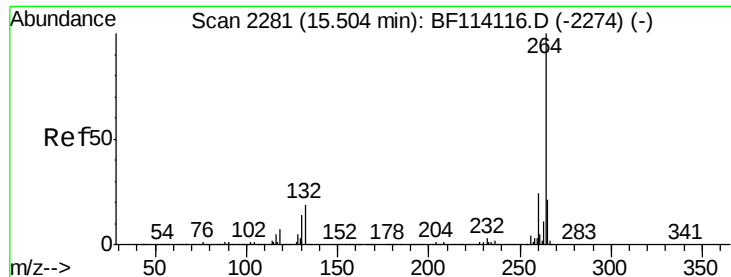
Tot Ion:240 Resp: 355763
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.3 12.5
 236 27.0 20.8 31.2



#79
 Terphenyl-d14
 Concen: 47.023 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF114492.D
 Acq: 22 May 2019 19:28

Tgt Ion:244 Resp: 811521
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.6
 122 10.8 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: BF114492.D
 Acq: 22 May 2019 19:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.0
265	21.3	16.9	25.3

