

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115917.D
 Acq On : 1 Aug 2019 20:09
 Operator : HP/JU
 Sample : K4066-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

Quant Time: Aug 02 06:45:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

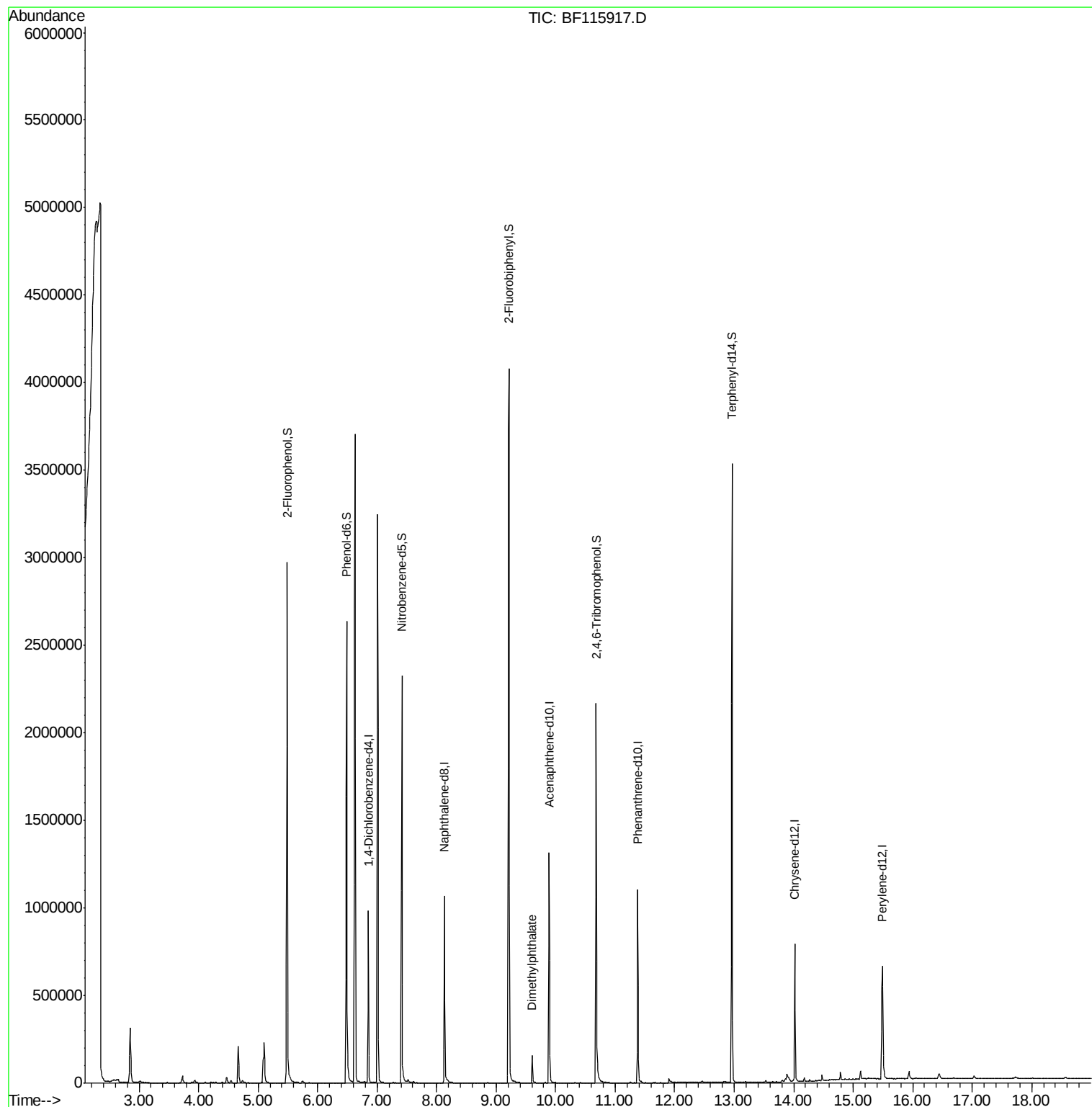
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	137387	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	515577	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	259417	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	414552	20.00	ng	0.00
76) Chrysene-d12	14.02	240	269388	20.00	ng	0.00
87) Perylene-d12	15.49	264	336857	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	911146	111.02	ng	0.02
7) Phenol-d6	6.49	99	1050537	101.46	ng	0.00
23) Nitrobenzene-d5	7.42	82	832966	93.26	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	319733	127.12	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1402220	101.24	ng	0.00
79) Terphenyl-d14	12.96	244	1242170	97.16	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	76940	4.356	ng	Qvalue 99

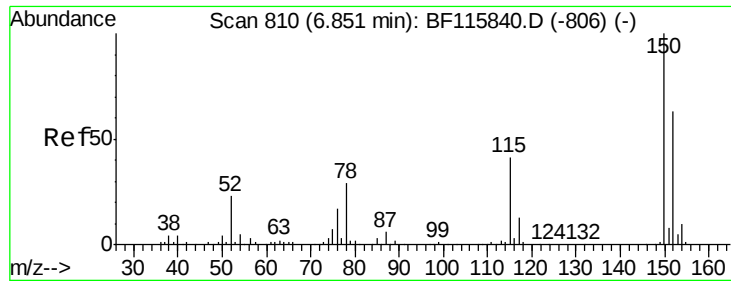
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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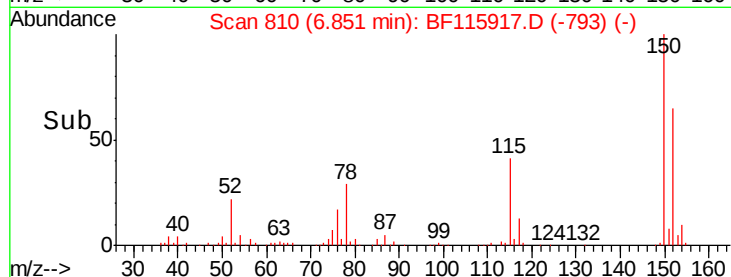
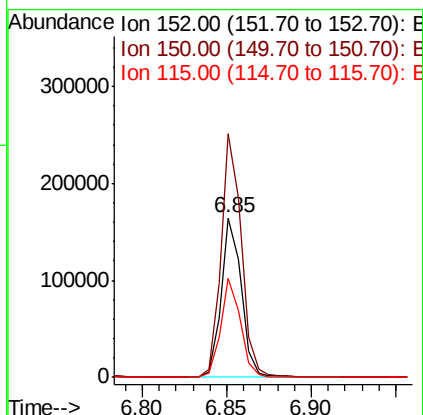
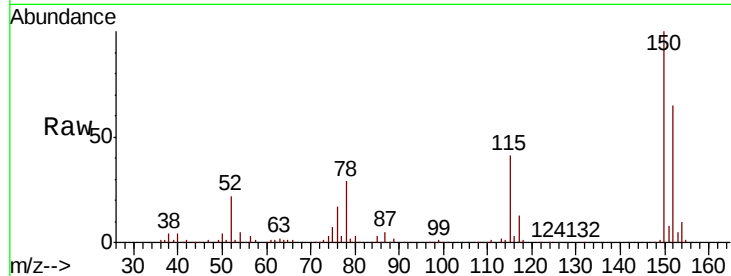


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF115917.D
Acq: 1 Aug 2019 20:09

Instrument :
BNA_F
ClientSampleId :
TP-13

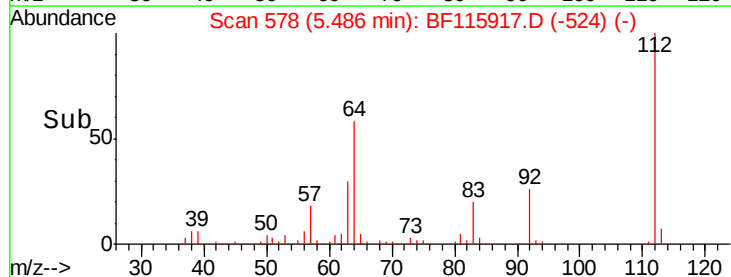
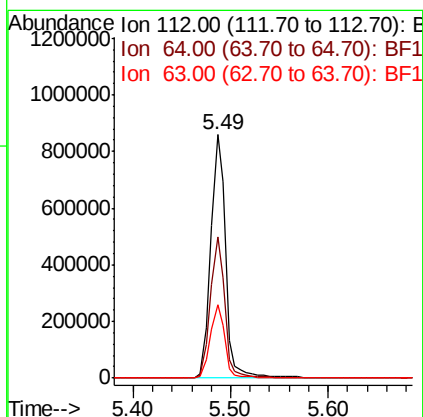
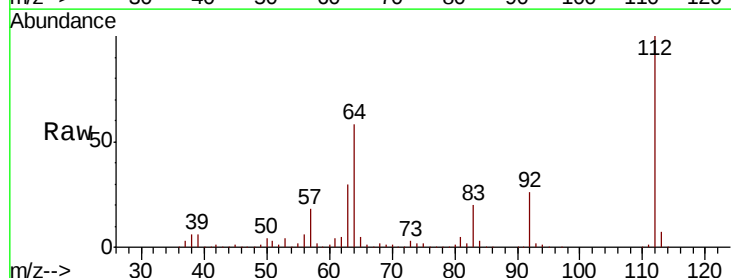
Tot Ion:152 Resp: 137387
Ion Ratio Lower Upper
152 100
150 152.8 127.4 191.0
115 62.0 51.8 77.8



#5

2-Fluorophenol
Concen: 111.023 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF115917.D
Acq: 1 Aug 2019 20:09

Tgt Ion:112 Resp: 911146
Ion Ratio Lower Upper
112 100
64 58.0 46.8 70.2
63 30.2 24.2 36.2





#7

Phenol-d6

Concen: 101.459 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF115917.D

Acq: 1 Aug 2019 20:09

Instrument :

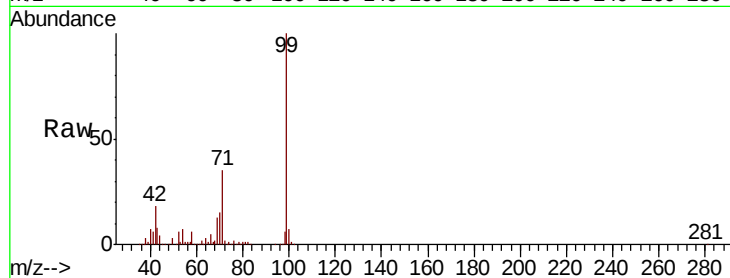
BNA_F

ClientSampleId :

TP-13

Tot Ion: 99 Resp: 1050537

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.8	20.6
71	34.6	27.1	40.7

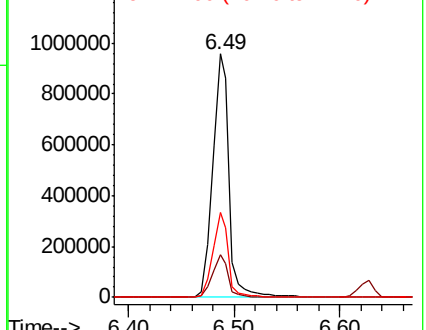
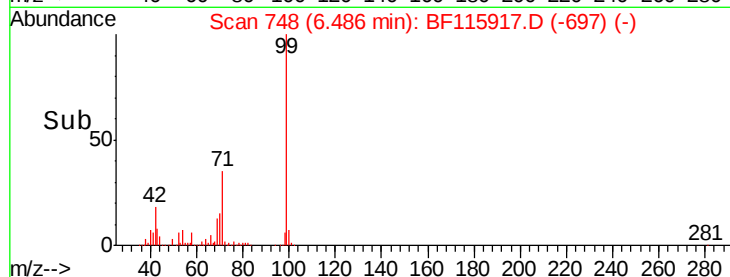


Abundance

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: 8.13 min Scan# 1028

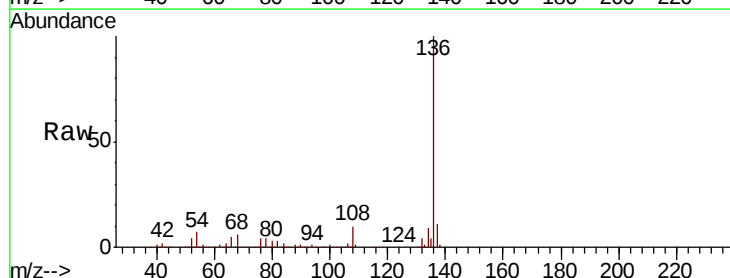
Delta R.T. -0.00 min

Lab File: BF115917.D

Acq: 1 Aug 2019 20:09

Tgt Ion: 136 Resp: 515577

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.9	6.1	9.1
68	5.8	5.4	8.2



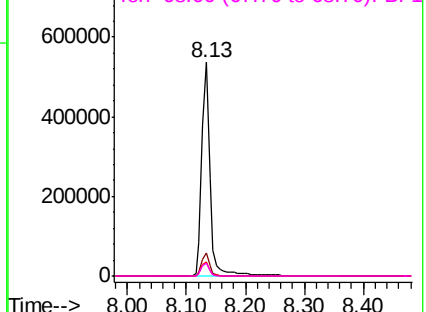
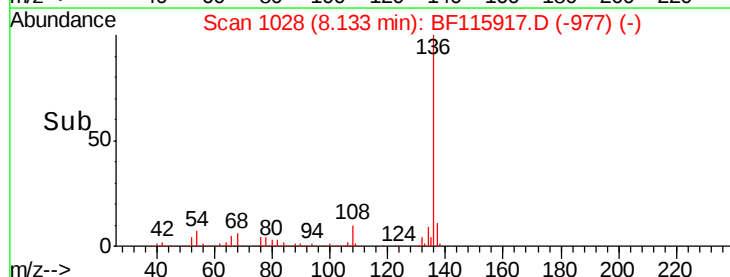
Abundance

Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

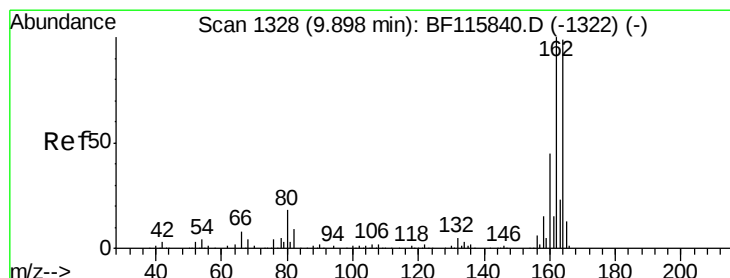
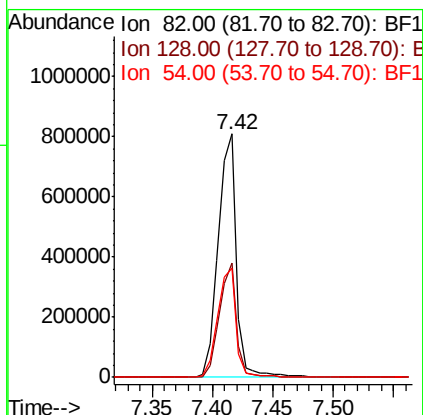
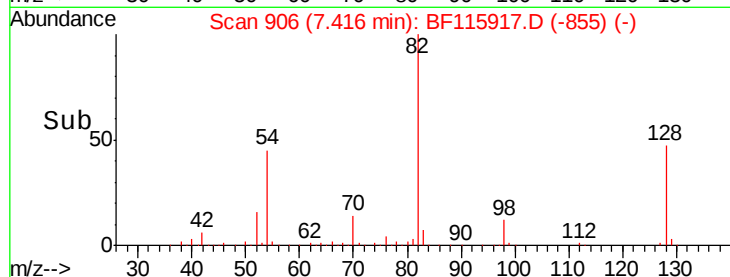
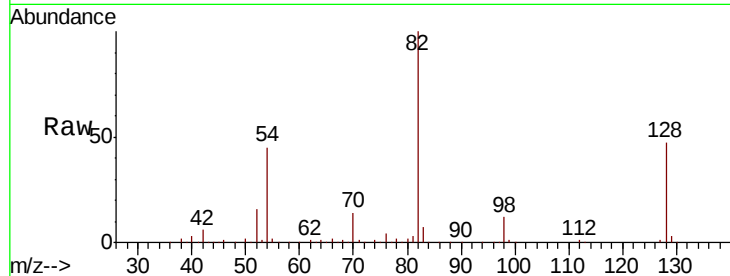




#23
 Nitrobenzene-d5
 Concen: 93.257 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF115917.D
 Acq: 1 Aug 2019 20:09

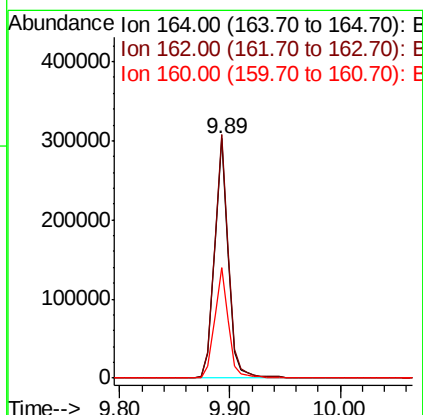
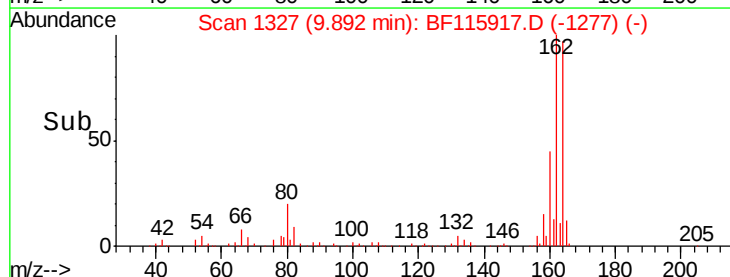
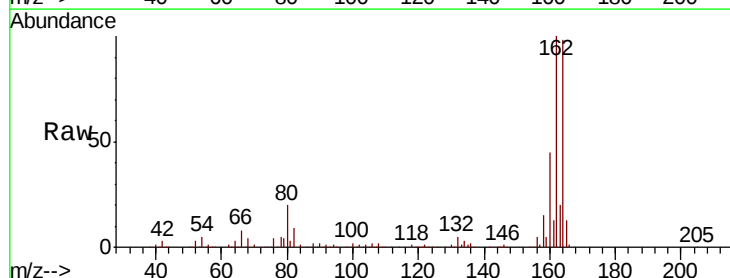
Instrument :
 BNA_F
 ClientSampleId :
 TP-13

Tot Ion: 82 Resp: 832966
 Ion Ratio Lower Upper
 82 100
 128 47.1 36.6 55.0
 54 45.0 36.6 55.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF115917.D
 Acq: 1 Aug 2019 20:09

Tgt Ion:164 Resp: 259417
 Ion Ratio Lower Upper
 164 100
 162 101.7 80.8 121.2
 160 46.0 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 127.124 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BF115917.D

Acq: 1 Aug 2019 20:09

Instrument :

BNA_F

ClientSampleId :

TP-13

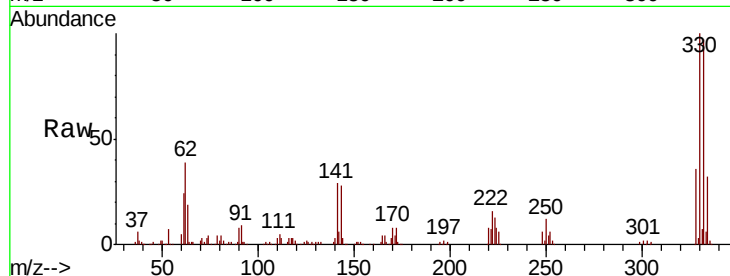
Tot Ion:330 Resp: 319733

Ion Ratio Lower Upper

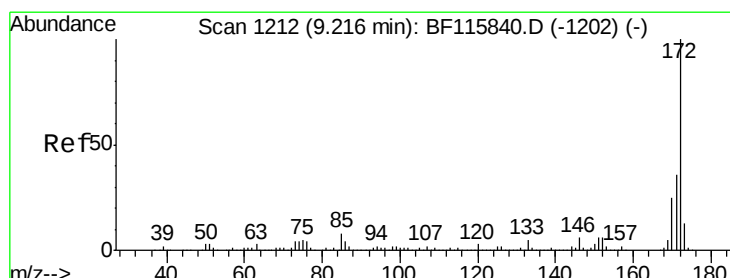
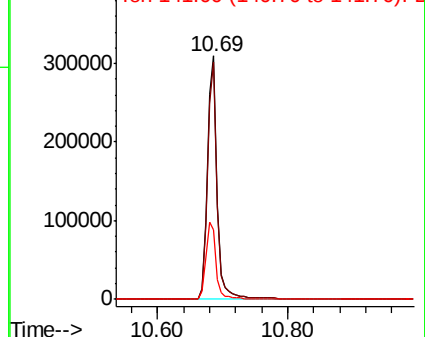
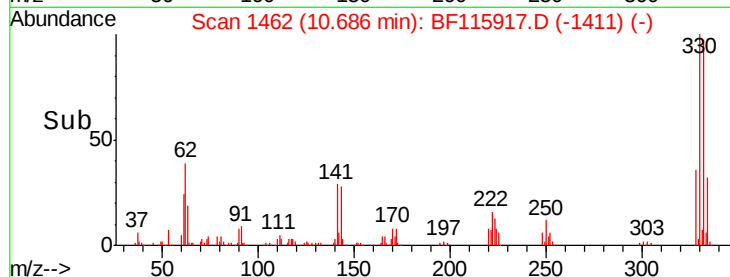
330 100

332 96.1 77.7 116.5

141 33.6 28.1 42.1



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: 101.245 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BF115917.D

Acq: 1 Aug 2019 20:09

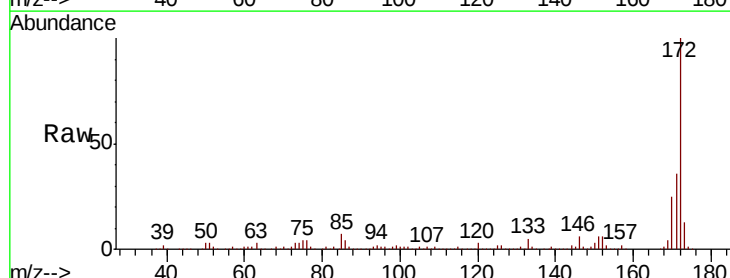
Tgt Ion:172 Resp: 1402220

Ion Ratio Lower Upper

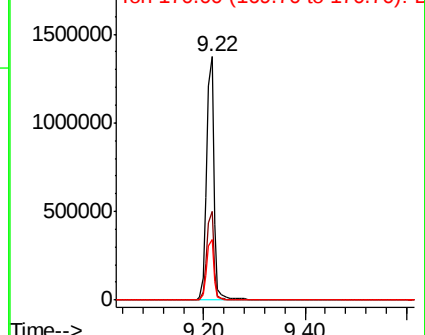
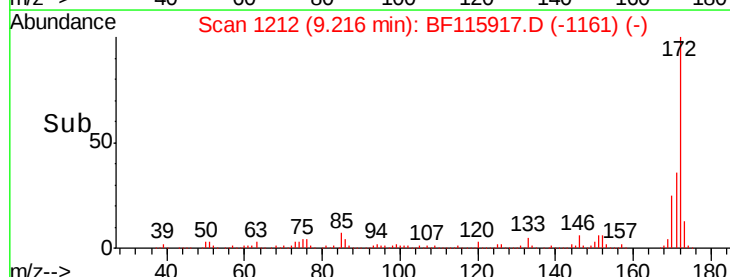
172 100

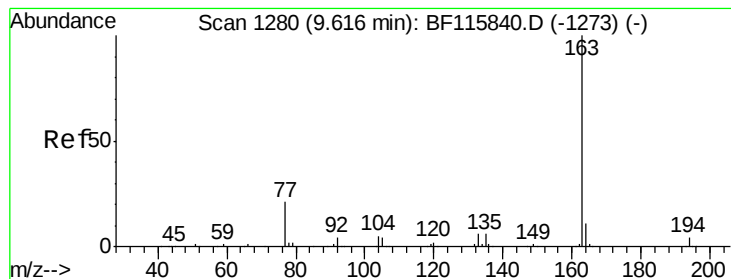
171 36.5 29.1 43.7

170 25.1 20.1 30.1



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: 4.356 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF115917.D

Acq: 1 Aug 2019 20:09

Instrument :

BNA_F

ClientSampled :

TP-13

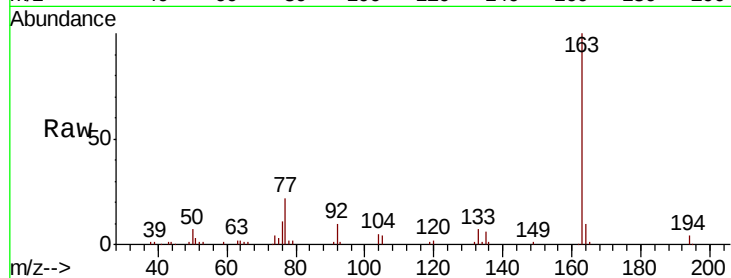
Tot Ion:163 Resp: 76940

Ion Ratio Lower Upper

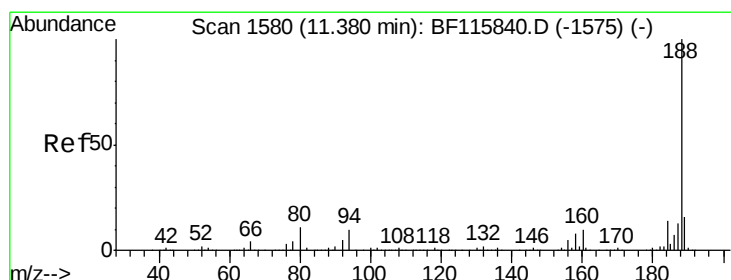
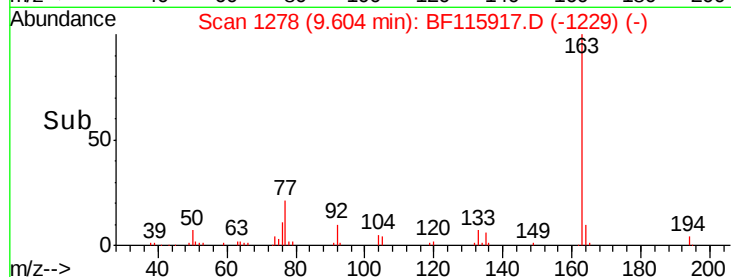
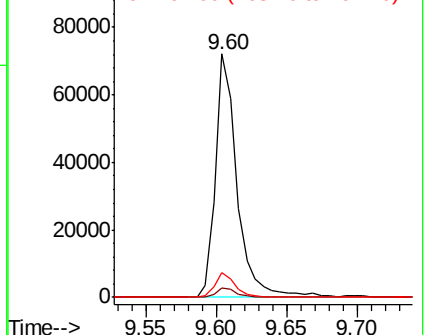
163 100

194 3.6 3.0 4.6

164 10.1 8.4 12.6



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: 11.38 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BF115917.D

Acq: 1 Aug 2019 20:09

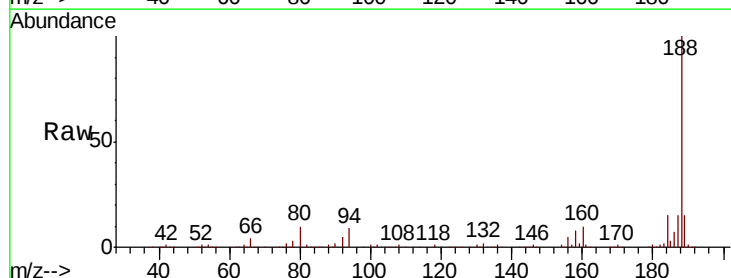
Tgt Ion:188 Resp: 414552

Ion Ratio Lower Upper

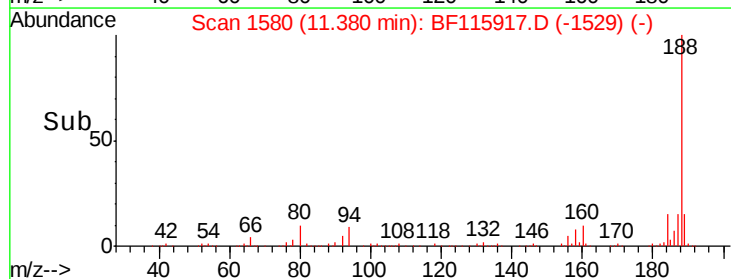
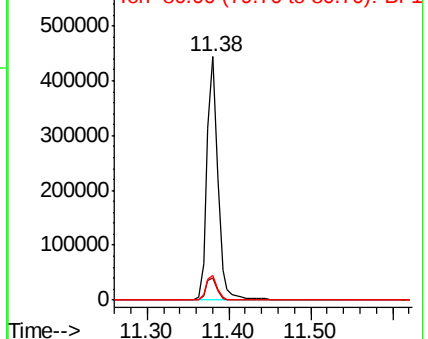
188 100

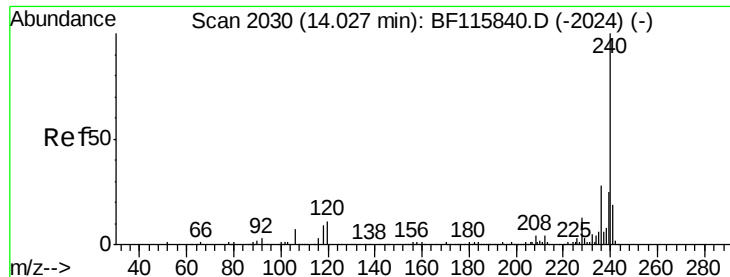
94 9.3 8.0 12.0

80 9.9 8.6 12.8



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

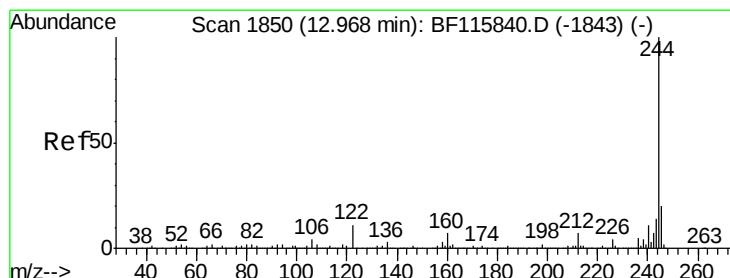
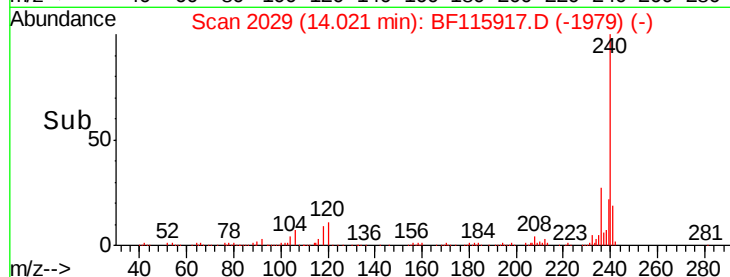
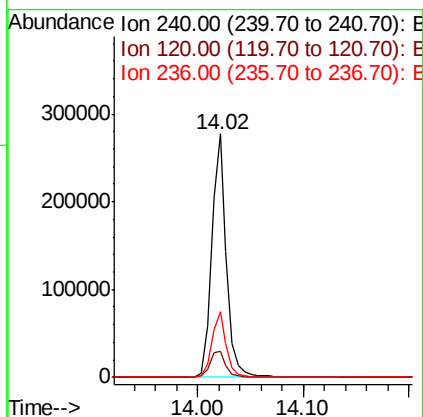
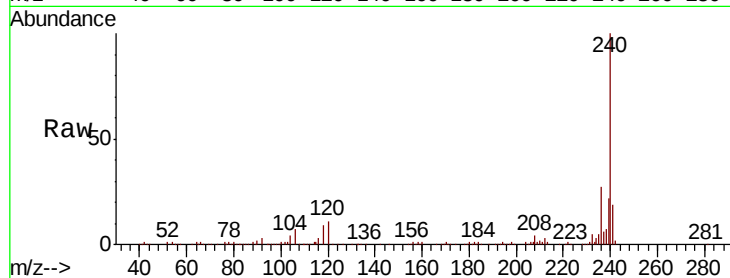




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF115917.D
 Acq: 1 Aug 2019 20:09

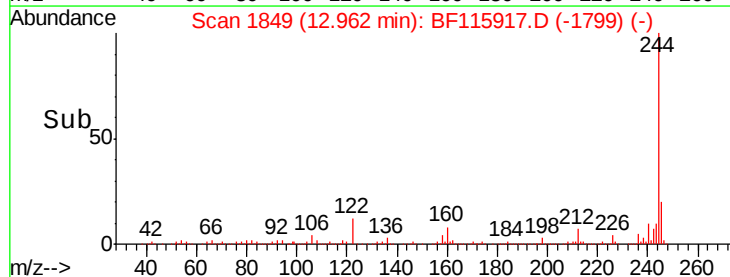
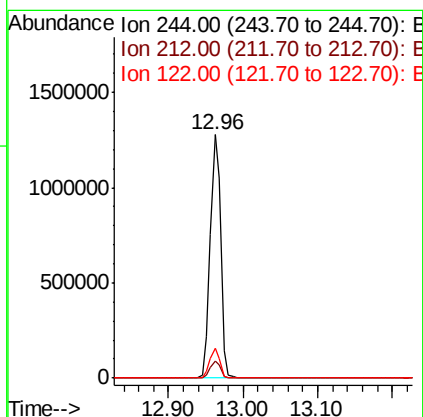
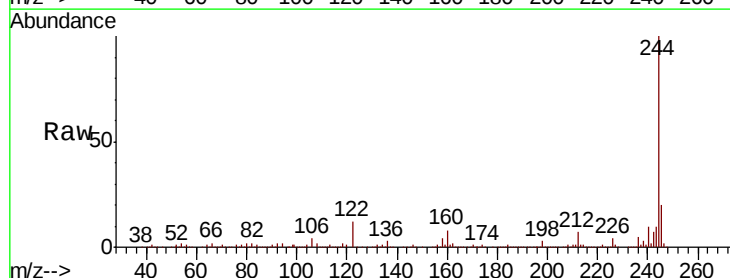
Instrument :
 BNA_F
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 TP-13

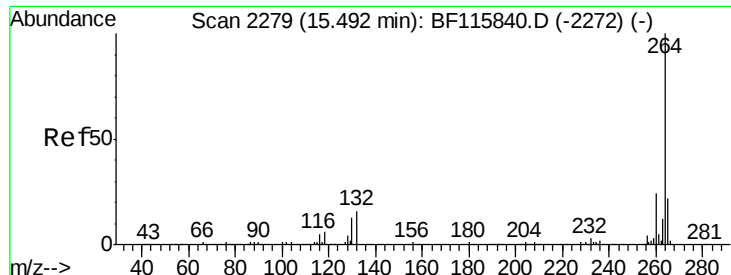
Tot Ion:240 Resp: 269388
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.5 12.7
 236 27.1 22.2 33.2



#79
 Terphenyl-d14
 Concen: 97.163 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF115917.D
 Acq: 1 Aug 2019 20:09

Tgt Ion:244 Resp: 1242170
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 12.1 8.6 13.0





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BF115917.D
 Acq: 1 Aug 2019 20:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

Tot Ion:	264	Resp:	336857
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	20.9	17.5	26.3

