

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
 Data File : BF112313.D
 Acq On : 30 Jan 2019 10:14
 Operator : JU/SJ
 Sample : K1266-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 012519-TIPC-F-D-B

Quant Time: Jan 30 10:45:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

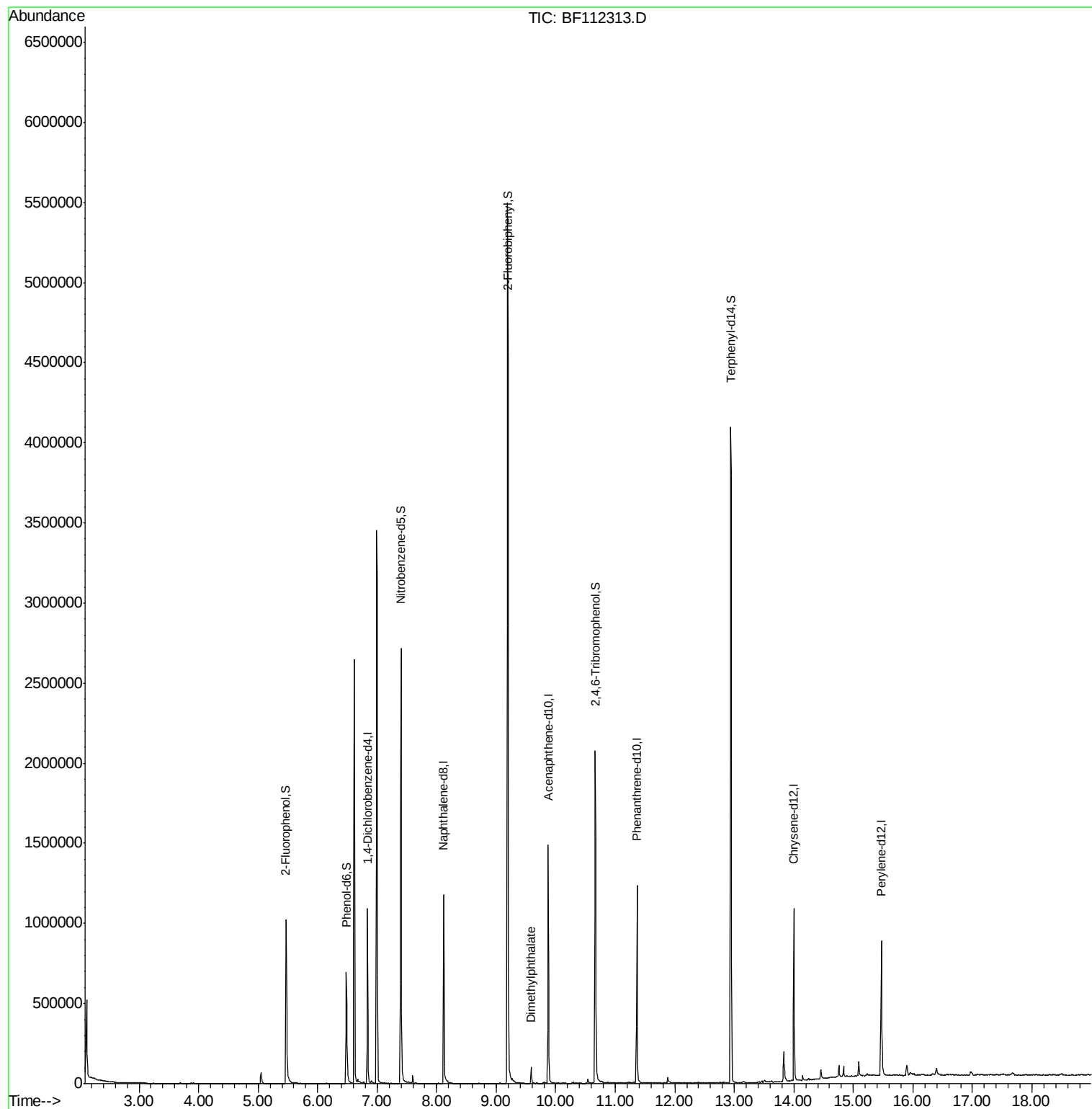
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	173995	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	654135	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	299870	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	515007	20.00	ng	0.00
76) Chrysene-d12	14.00	240	394769	20.00	ng	-0.01
87) Perylene-d12	15.47	264	379535	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	358736	43.79	ng	0.00
7) Phenol-d6	6.48	99	265118	23.29	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1010828	89.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	285453	81.78	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1878696	88.61	ng	-0.01
79) Terphenyl-d14	12.94	244	1468278	70.05	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.59	163	48030	2.062	ng	Qvalue 97

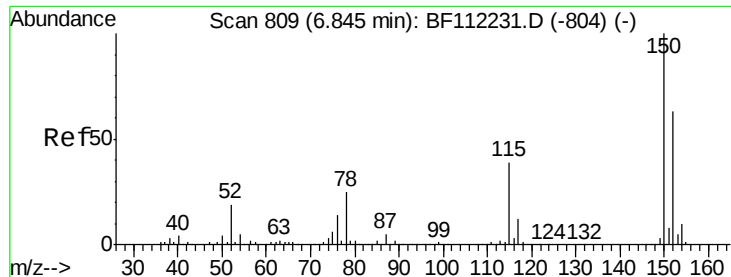
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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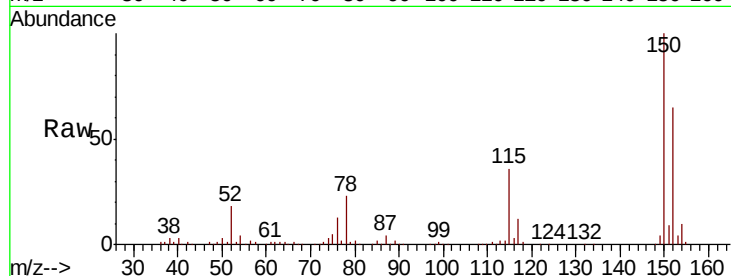


#1

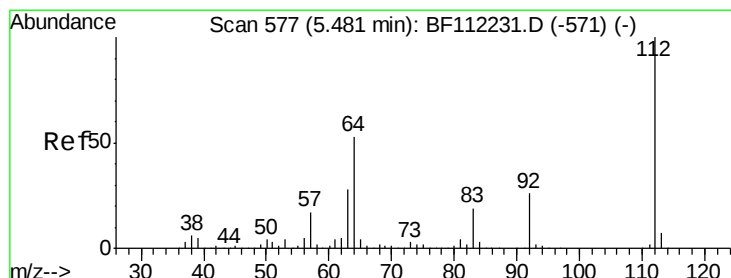
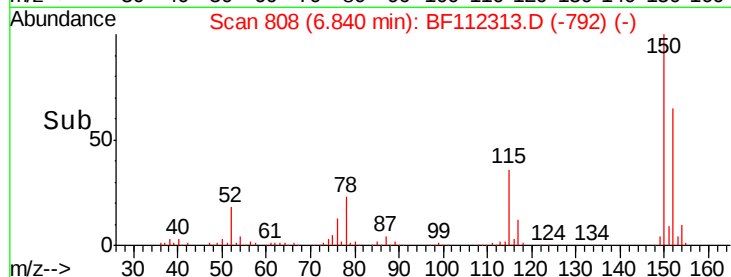
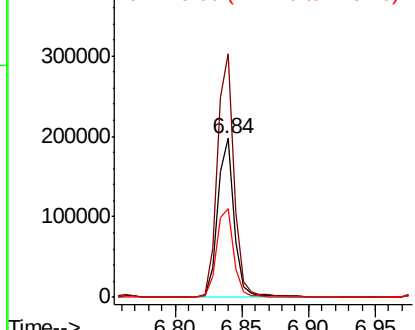
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF112313.D
 Acq: 30 Jan 2019 10:14

Instrument :
 BNA_F
 ClientSampleId :
 012519-TIPC-F-D-B

Tot Ion:152 Resp: 173995
 Ion Ratio Lower Upper
 152 100
 150 153.3 127.4 191.0
 115 55.8 45.5 68.3



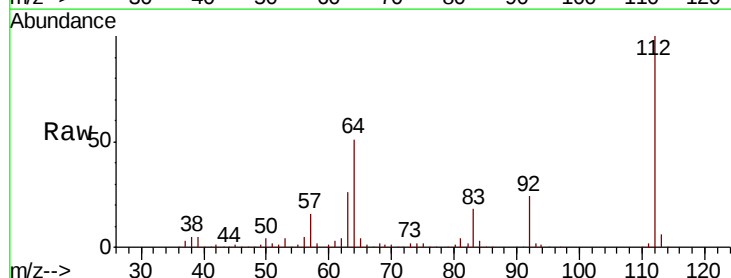
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



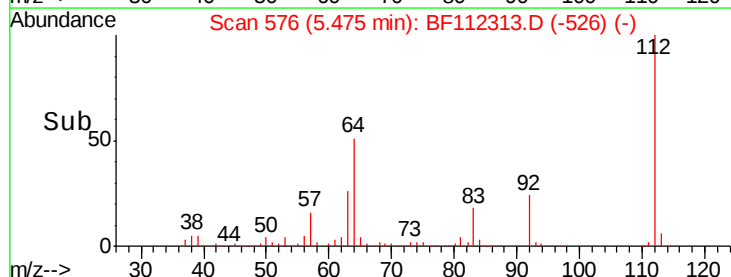
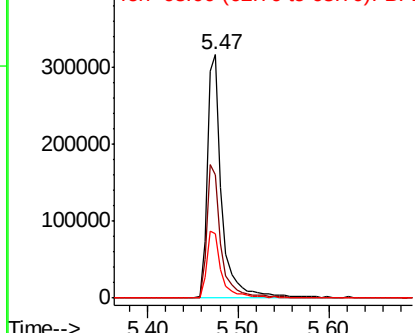
#5

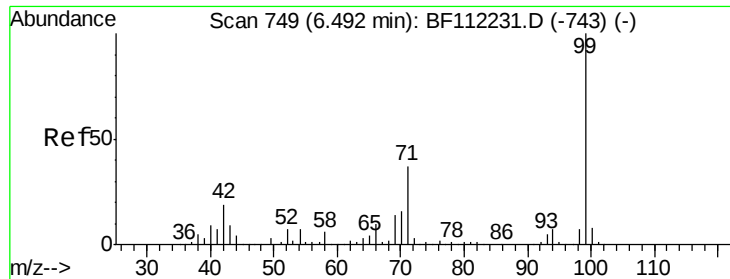
2-Fluorophenol
 Concen: 43.793 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF112313.D
 Acq: 30 Jan 2019 10:14

Tgt Ion:112 Resp: 358736
 Ion Ratio Lower Upper
 112 100
 64 50.5 45.7 68.5
 63 26.5 23.6 35.4



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: 23.291 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112313.D

Acq: 30 Jan 2019 10:14

Instrument :

BNA_F

ClientSampleId :

012519-TIPC-F-D-B

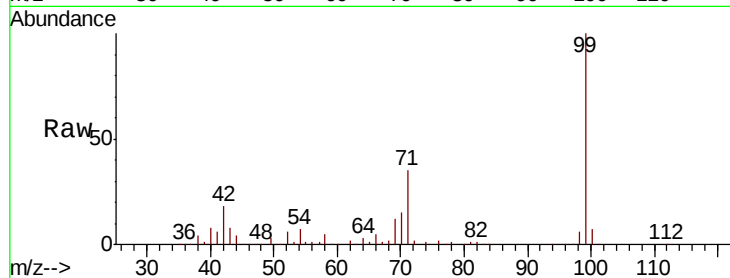
Tot Ion: 99 Resp: 265118

Ion Ratio Lower Upper

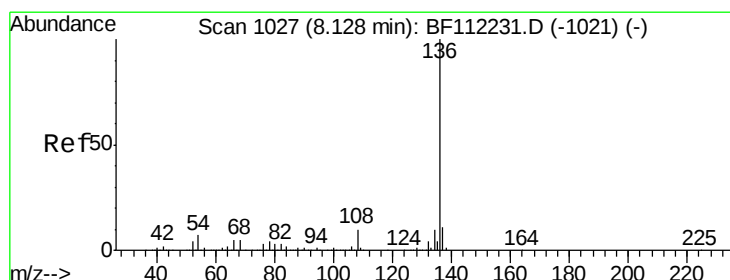
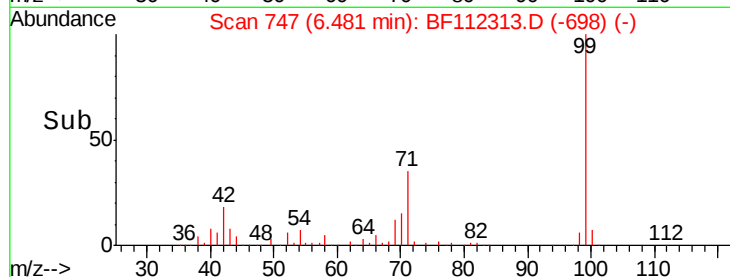
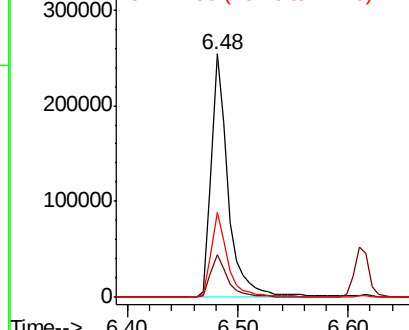
99 100

42 17.5 15.1 22.7

71 35.0 26.9 40.3



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: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF112313.D

Acq: 30 Jan 2019 10:14

Tgt Ion: 136 Resp: 654135

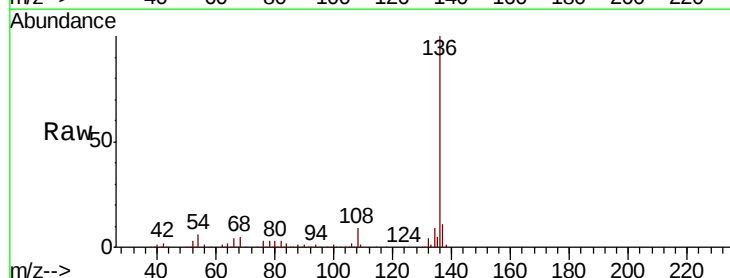
Ion Ratio Lower Upper

136 100

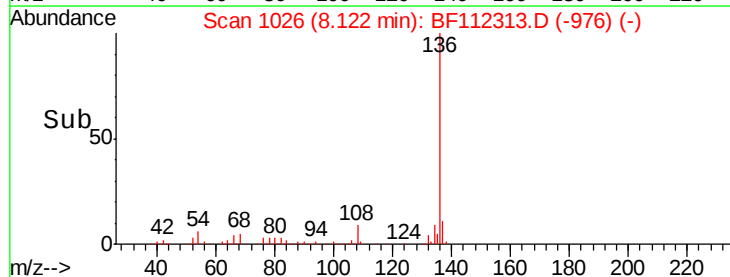
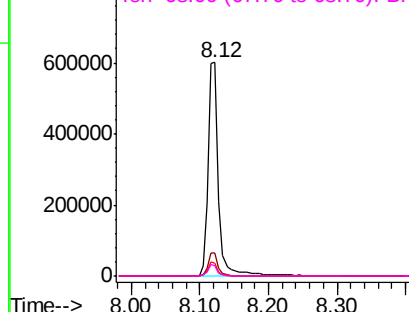
137 10.9 9.1 13.7

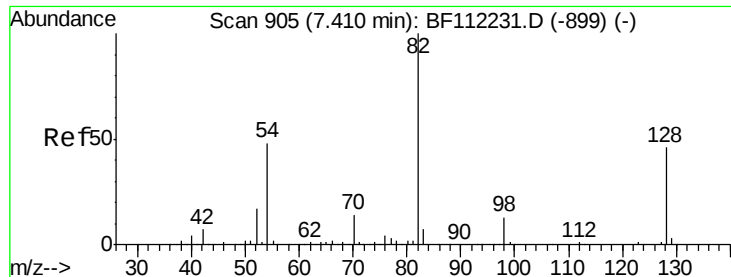
54 5.9 5.9 8.9

68 4.9 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

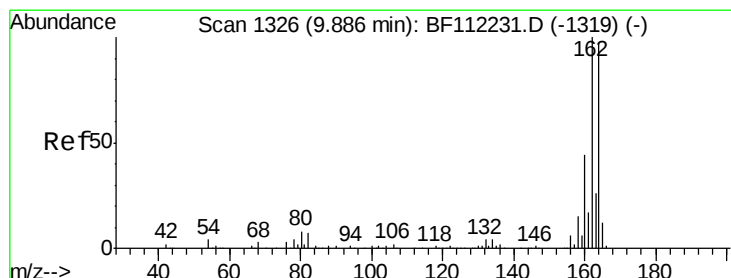
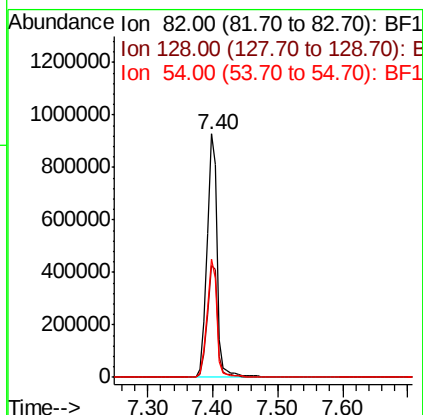
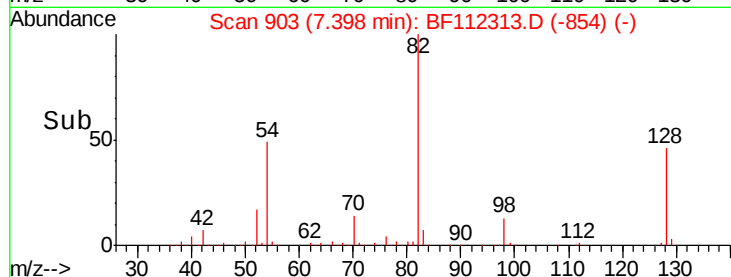
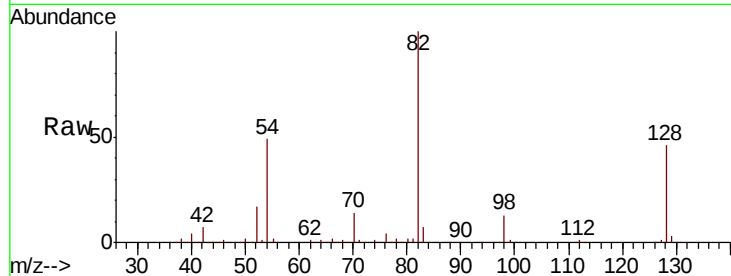




#23
 Nitrobenzene-d5
 Concen: 89.039 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112313.D
 Acq: 30 Jan 2019 10:14

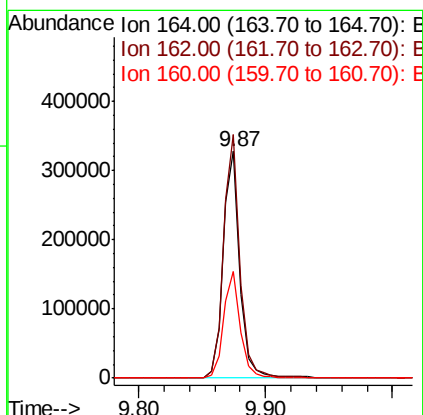
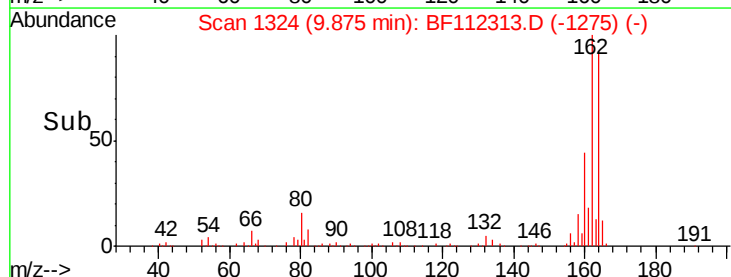
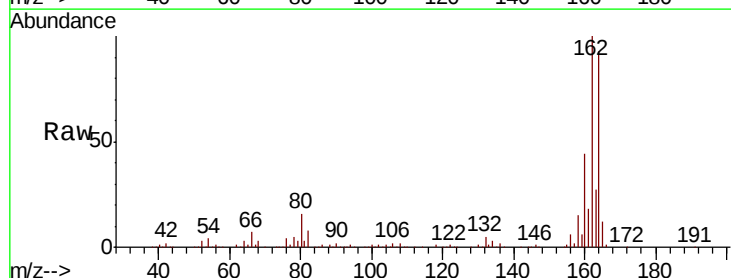
Instrument :
 BNA_F
 ClientSampleId :
 012519-TIPC-F-D-B

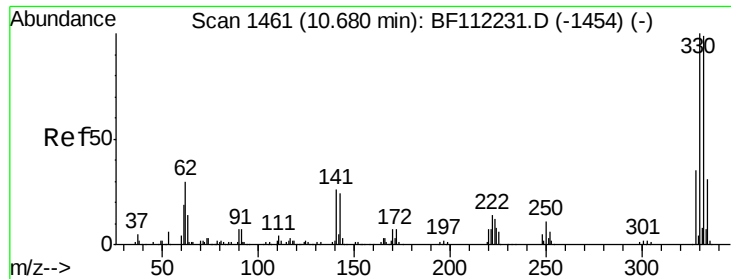
Tot Ion: 82 Resp: 1010828
 Ion Ratio Lower Upper
 82 100
 128 46.0 37.8 56.8
 54 48.6 39.7 59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112313.D
 Acq: 30 Jan 2019 10:14

Tgt Ion: 164 Resp: 299870
 Ion Ratio Lower Upper
 164 100
 162 107.4 82.2 123.4
 160 46.9 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 81.782 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112313.D

Acq: 30 Jan 2019 10:14

Instrument :

BNA_F

ClientSampleId :

012519-TIPC-F-D-B

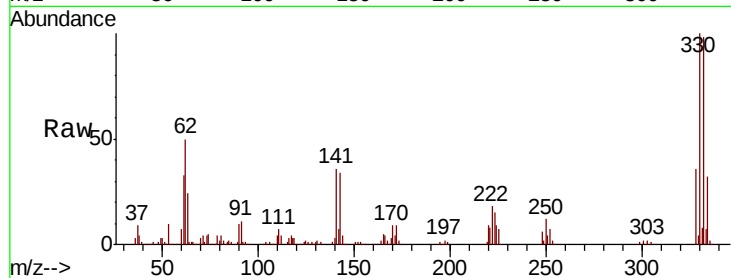
Tot Ion:330 Resp: 285453

Ion Ratio Lower Upper

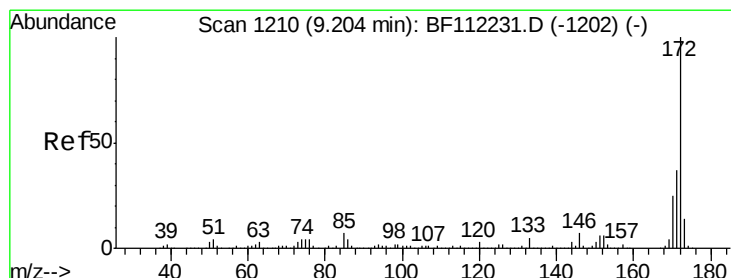
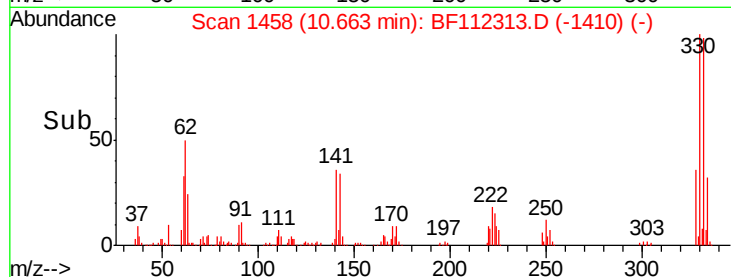
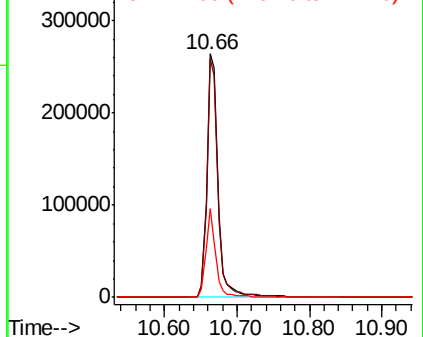
330 100

332 96.5 76.6 114.8

141 32.4 24.3 36.5



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: 88.609 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112313.D

Acq: 30 Jan 2019 10:14

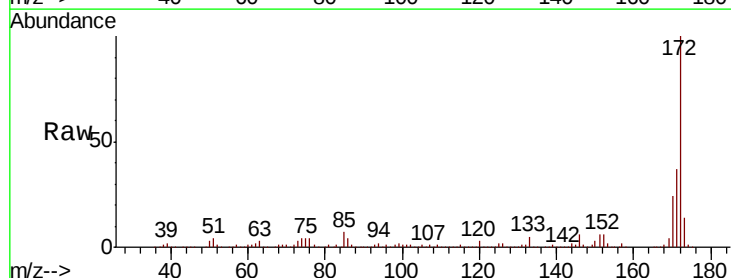
Tgt Ion:172 Resp: 1878696

Ion Ratio Lower Upper

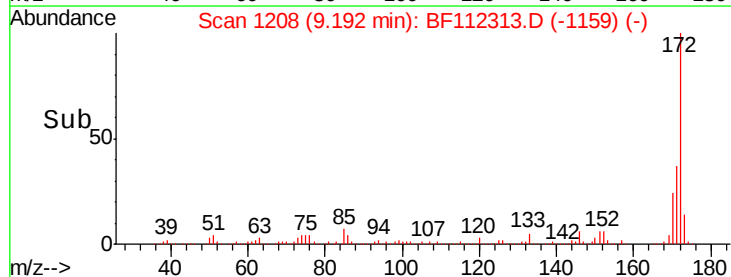
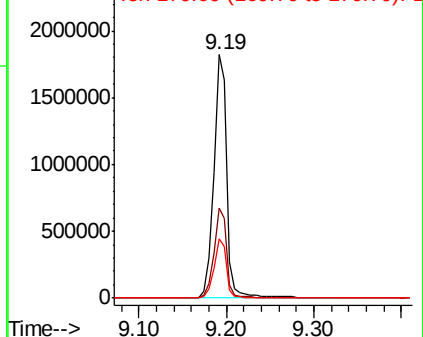
172 100

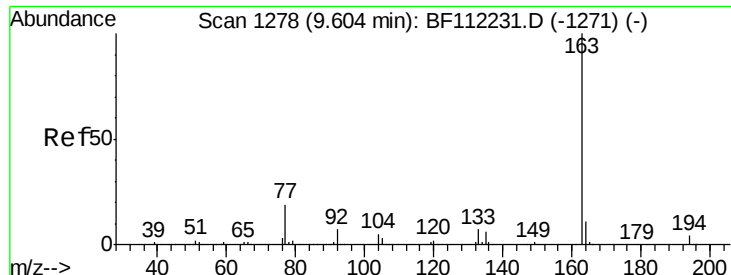
171 36.8 30.5 45.7

170 24.3 20.2 30.4



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: 2.062 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF112313.D

Acq: 30 Jan 2019 10:14

Instrument :

BNA_F

ClientSampleId :

012519-TIPC-F-D-B

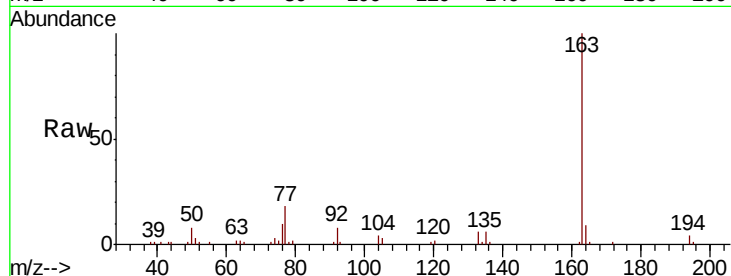
Tot Ion:163 Resp: 48030

Ion Ratio Lower Upper

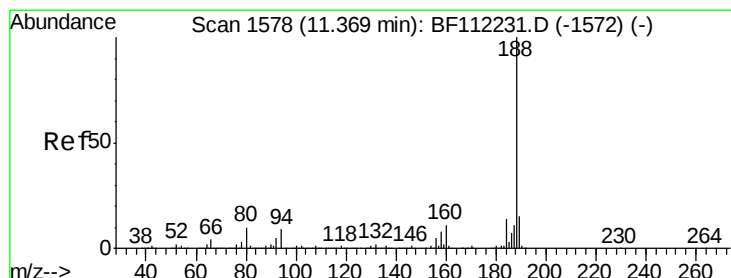
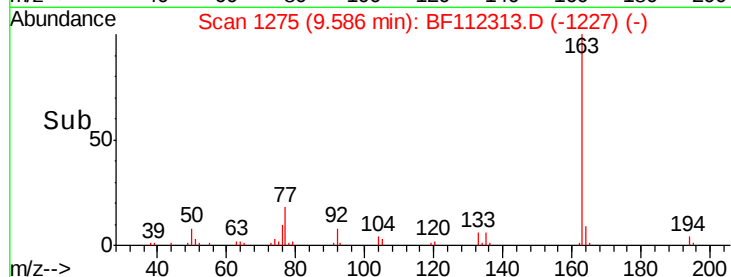
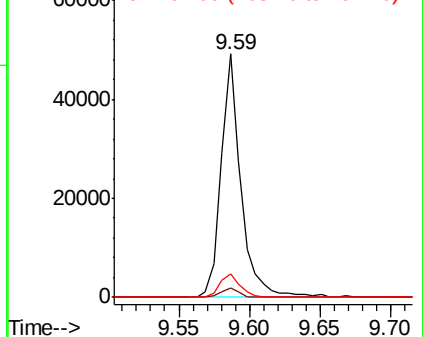
163 100

194 3.7 3.3 4.9

164 9.4 8.5 12.7



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: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF112313.D

Acq: 30 Jan 2019 10:14

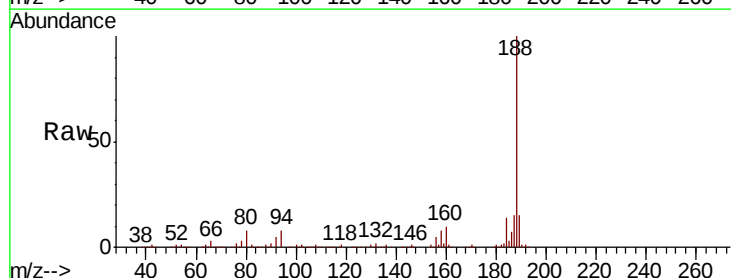
Tgt Ion:188 Resp: 515007

Ion Ratio Lower Upper

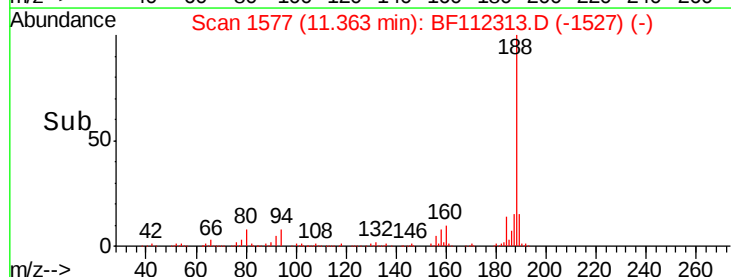
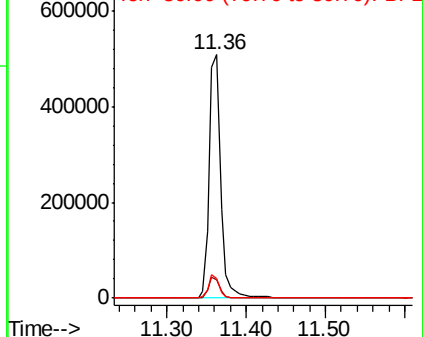
188 100

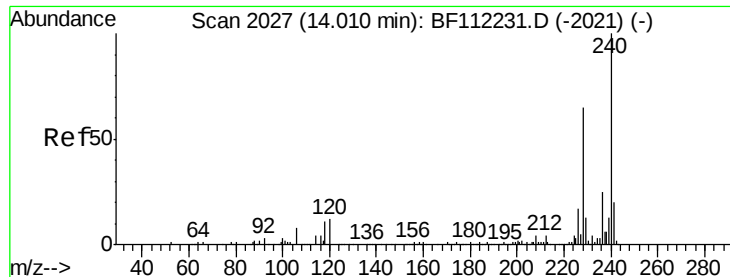
94 7.6 8.2 12.2#

80 8.3 8.9 13.3#



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: BF112313.D

Acq: 30 Jan 2019 10:14

Instrument :

BNA_F

ClientSampleId :

012519-TIPC-F-D-B

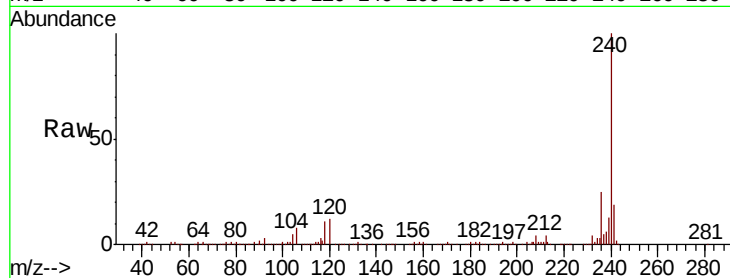
Tot Ion:240 Resp: 394769

Ion Ratio Lower Upper

240 100

120 12.2 9.0 13.6

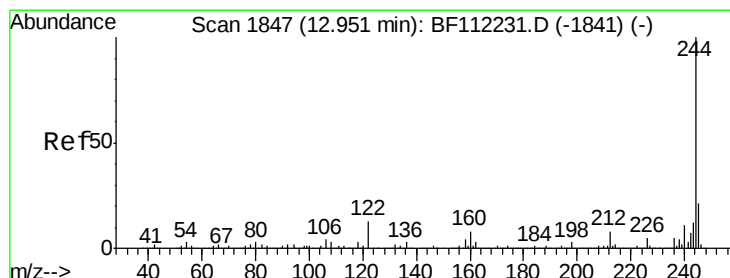
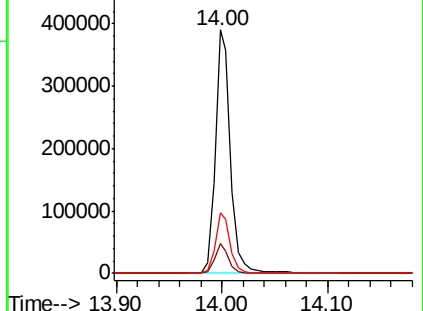
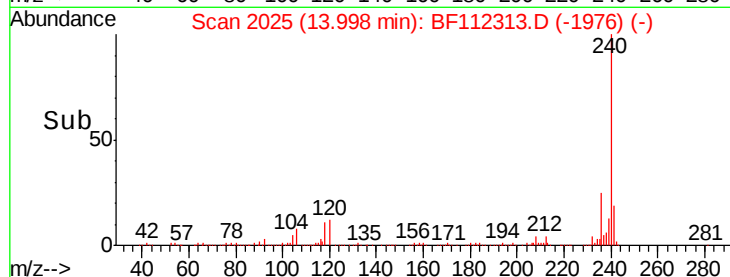
236 25.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 70.052 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112313.D

Acq: 30 Jan 2019 10:14

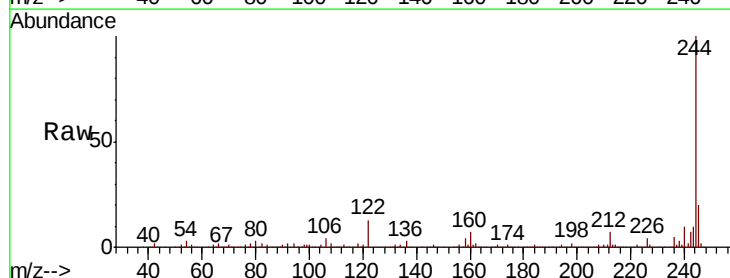
Tgt Ion:244 Resp: 1468278

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

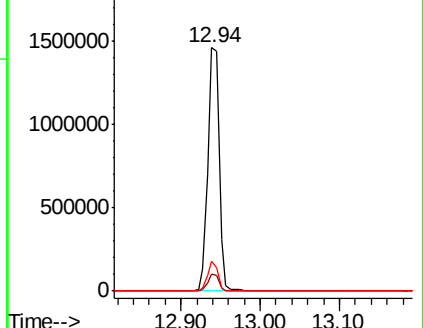
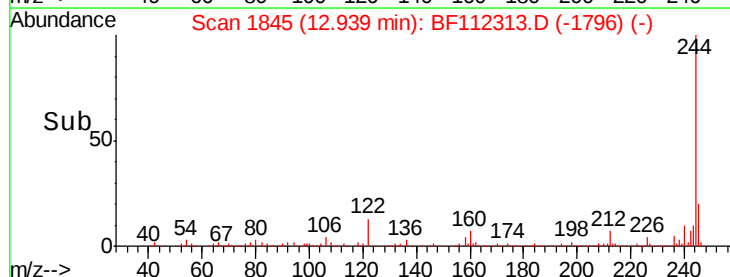
122 12.5 9.8 14.6

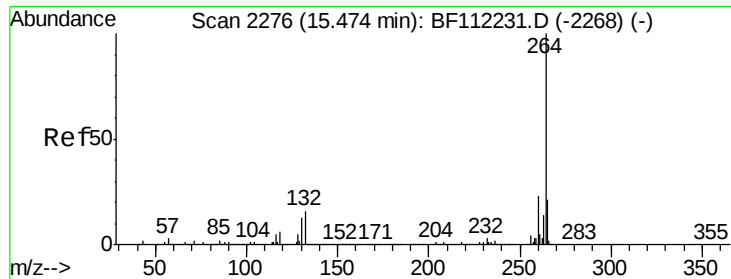


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

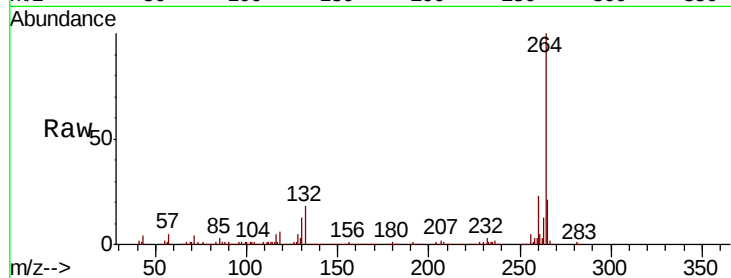




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112313.D
 Acq: 30 Jan 2019 10:14

Instrument :
 BNA_F
 ClientSampleId :
 012519-TIPC-F-D-B

Tot Ion:	264	Resp:	379535
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.2
265	21.5	17.0	25.4



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

