

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
 Data File : BF112333.D
 Acq On : 30 Jan 2019 20:36
 Operator : JU/SJ
 Sample : K1282-20
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Jan 31 00:45:42 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	143900	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	508625	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	219453	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	368158	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	322778	20.00	ng	-0.01
87) Perylene-d12	15.47	264	355577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1019221	150.44	ng	0.00
7) Phenol-d6	6.49	99	1144367	121.56	ng	0.00
23) Nitrobenzene-d5	7.40	82	841404	95.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	346629	135.70	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1622117	104.54	ng	-0.01
79) Terphenyl-d14	12.94	244	1395221	81.41	ng	-0.01

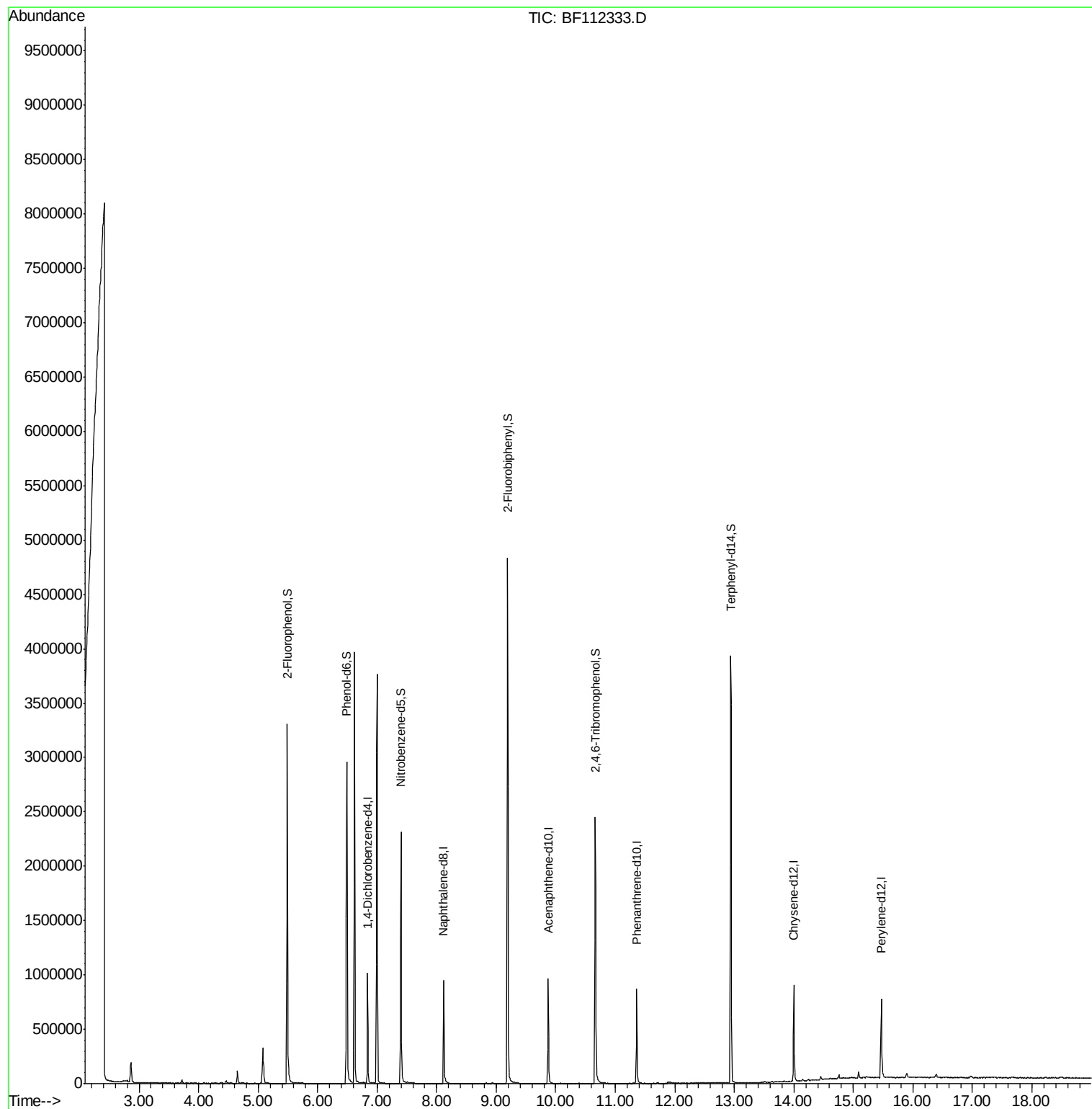
Target Compounds Qvalue

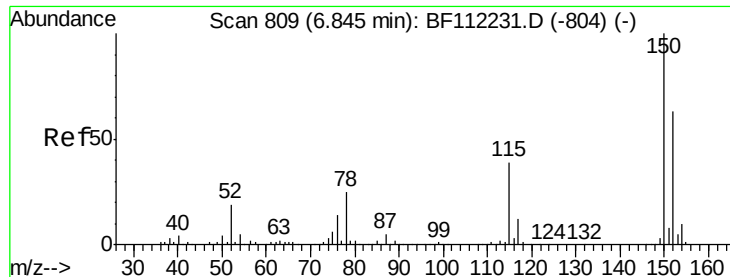
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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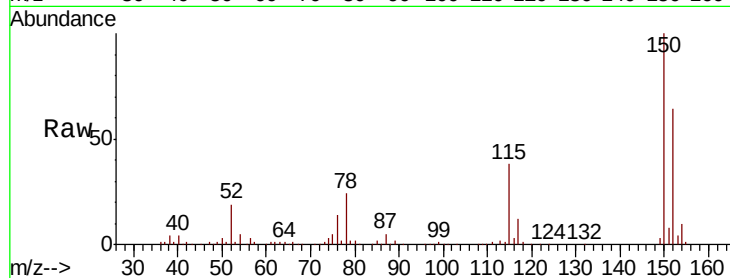


#1

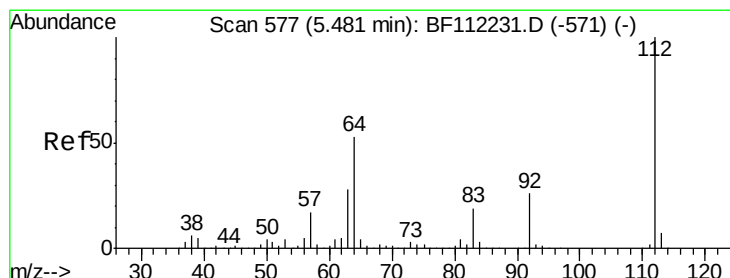
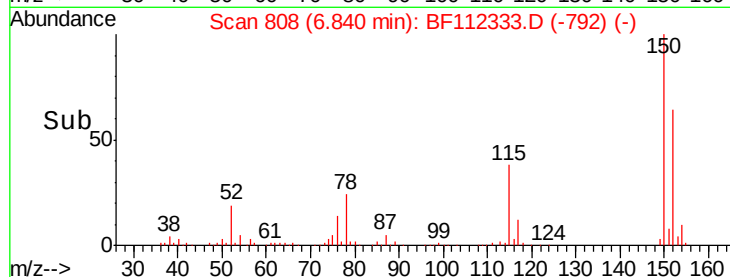
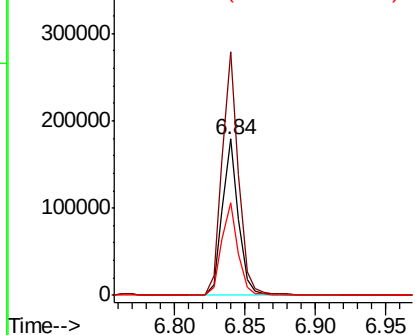
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112333.D
Acq: 30 Jan 2019 20:36

Instrument :
BNA_F
ClientSampleId :
TP-5

Tot Ion:152 Resp: 143900
Ion Ratio Lower Upper
152 100
150 155.8 127.4 191.0
115 58.9 45.5 68.3



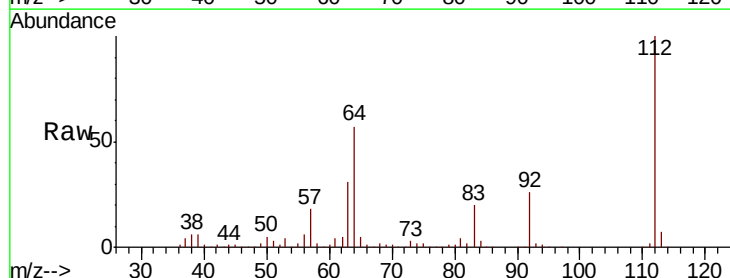
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



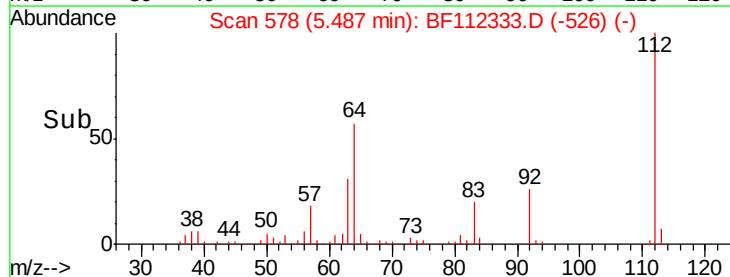
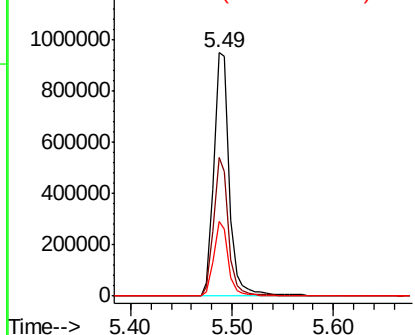
#5

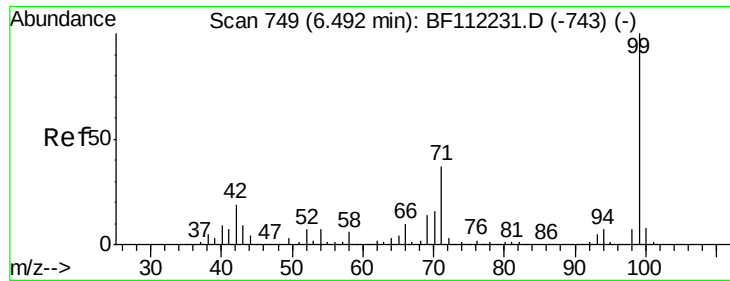
2-Fluorophenol
Concen: 150.444 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF112333.D
Acq: 30 Jan 2019 20:36

Tgt Ion:112 Resp: 1019221
Ion Ratio Lower Upper
112 100
64 57.2 45.7 68.5
63 30.8 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: 121.562 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112333.D

Acq: 30 Jan 2019 20:36

Instrument :

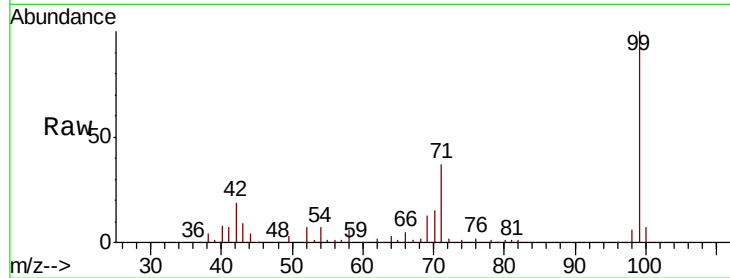
BNA_F

ClientSampleId :

TP-5

Tot Ion: 99 Resp: 1144367

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.1	22.7
71	36.8	26.9	40.3

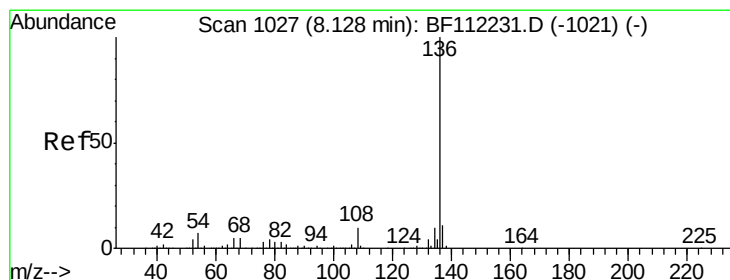
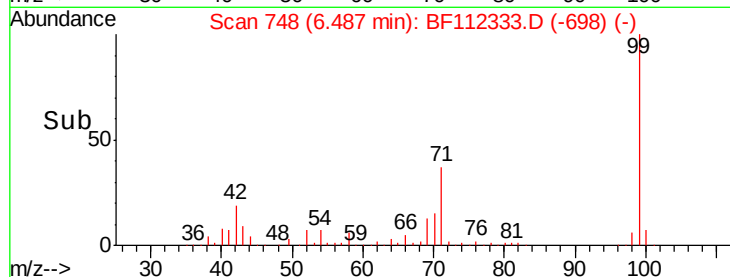
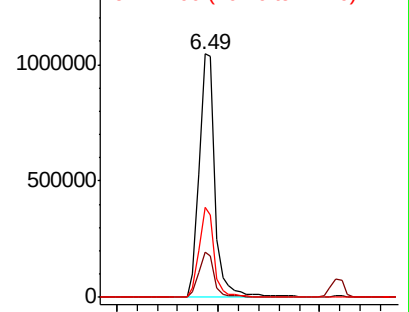


Abundance

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# 1025

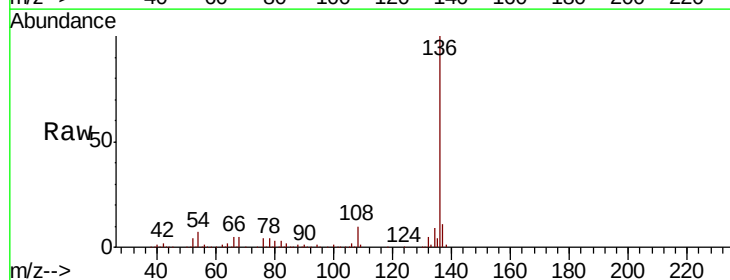
Delta R.T. -0.01 min

Lab File: BF112333.D

Acq: 30 Jan 2019 20:36

Tgt Ion: 136 Resp: 508625

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.1	5.9	8.9
68	5.1	5.1	7.7#



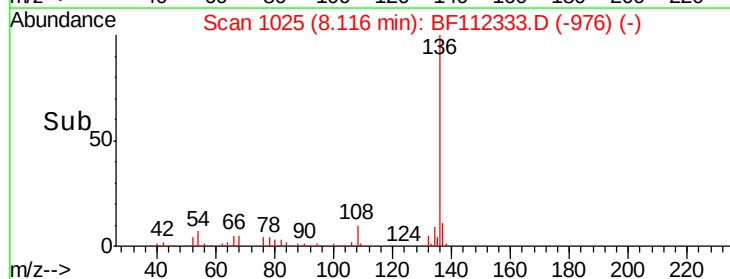
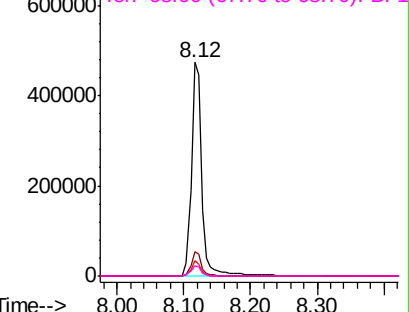
Abundance

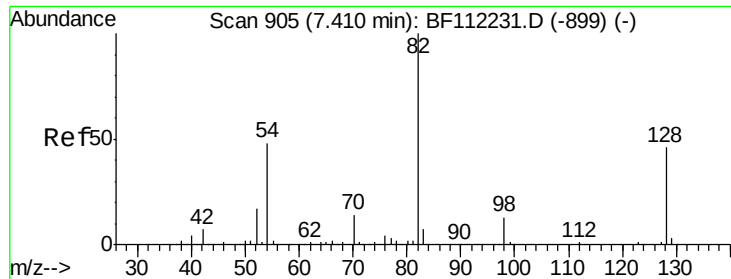
Ion 136.00 (135.70 to 136.70): E

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

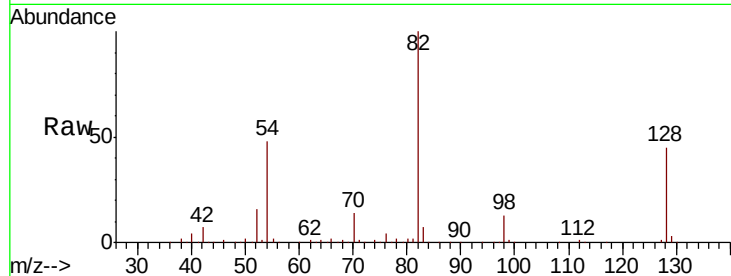




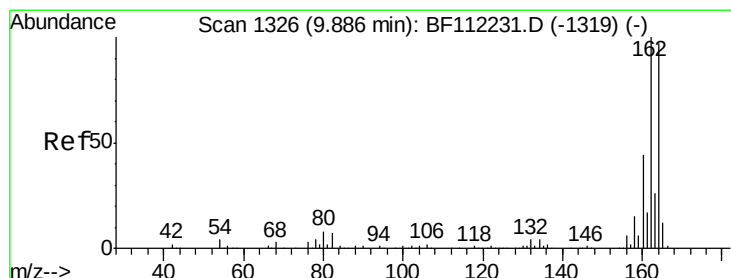
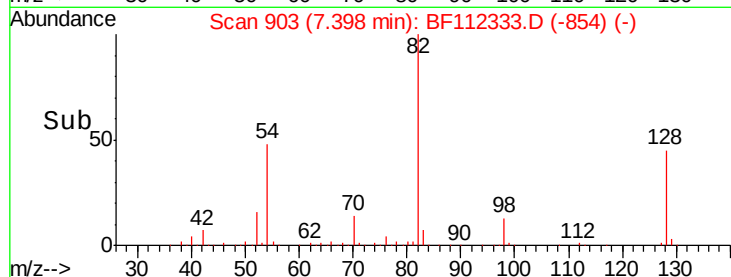
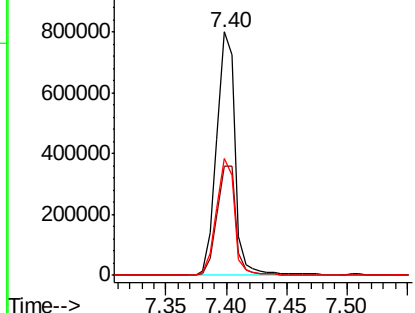
#23
 Nitrobenzene-d5
 Concen: 95.319 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112333.D
 Acq: 30 Jan 2019 20:36

Instrument :
 BNA_F
 ClientSampled :
 TP-5

Tot Ion: 82 Resp: 841404
 Ion Ratio Lower Upper
 82 100
 128 44.9 37.8 56.8
 54 47.9 39.7 59.5

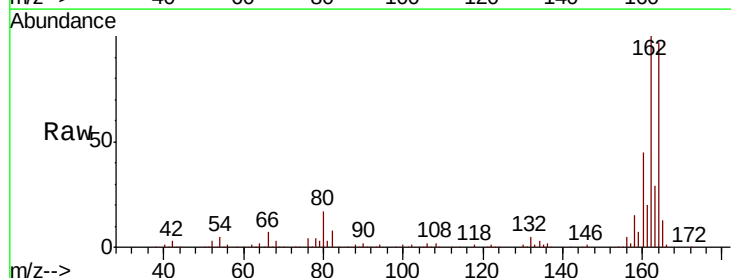


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

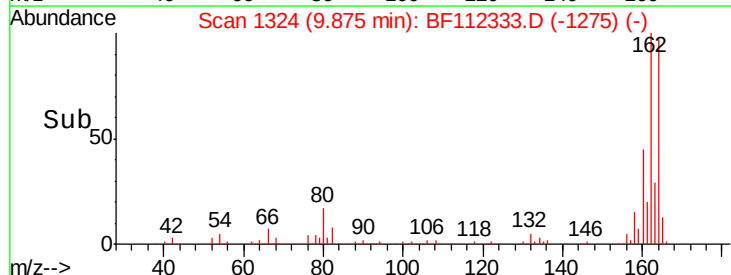
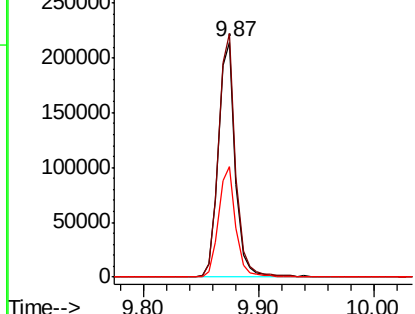


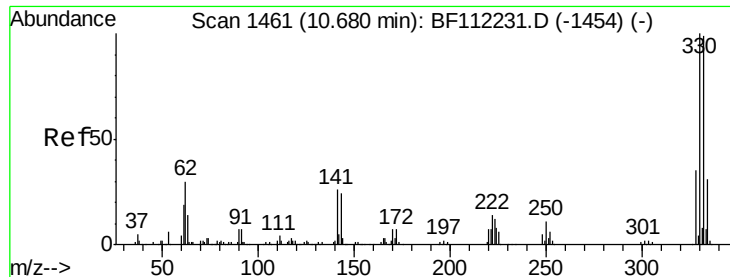
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112333.D
 Acq: 30 Jan 2019 20:36

Tgt Ion:164 Resp: 219453
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.2 123.4
 160 47.0 36.2 54.4



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: 135.700 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112333.D

Acq: 30 Jan 2019 20:36

Instrument :

BNA_F

ClientSampleId :

TP-5

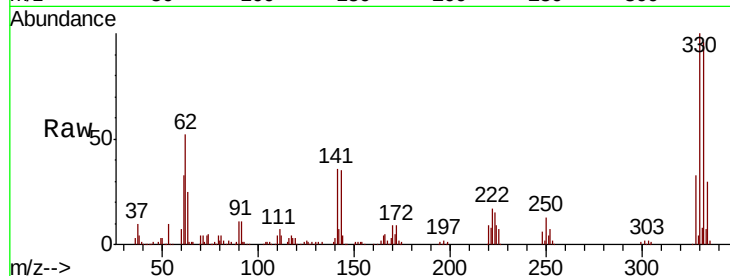
Tot Ion:330 Resp: 346629

Ion Ratio Lower Upper

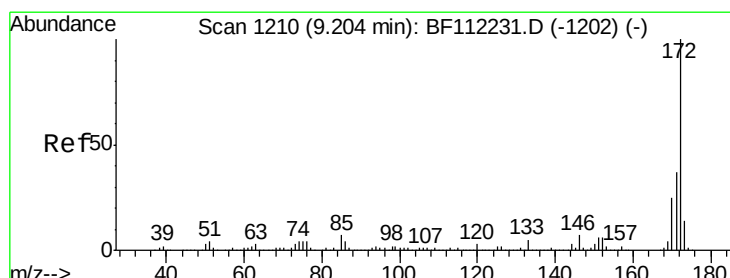
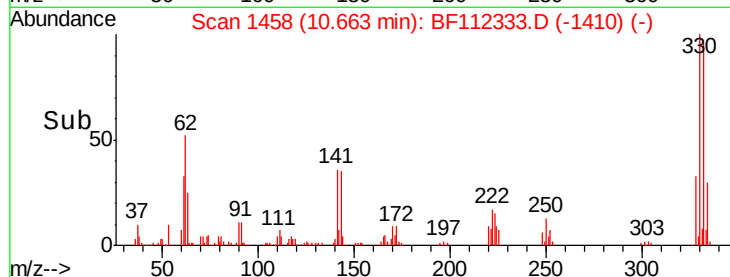
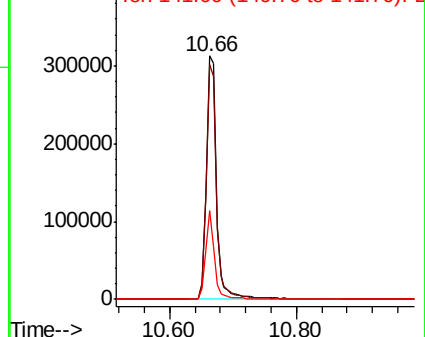
330 100

332 94.9 76.6 114.8

141 31.8 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: 104.543 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112333.D

Acq: 30 Jan 2019 20:36

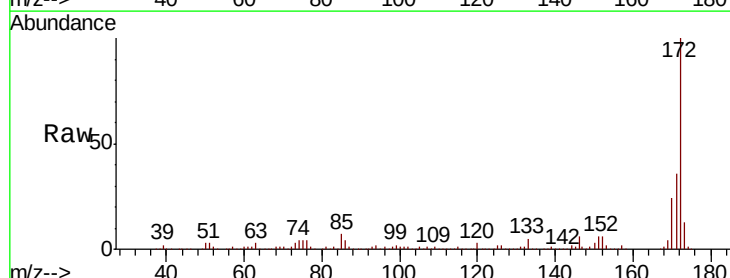
Tgt Ion:172 Resp: 1622117

Ion Ratio Lower Upper

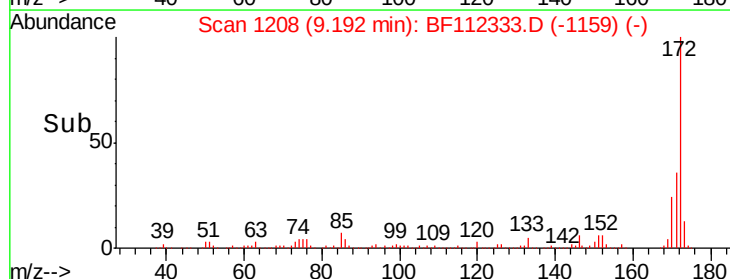
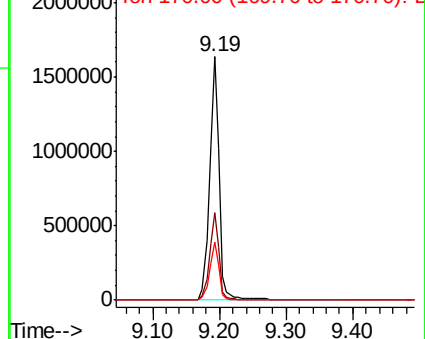
172 100

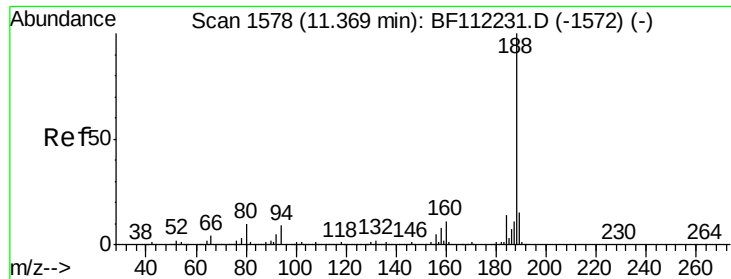
171 36.2 30.5 45.7

170 23.7 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

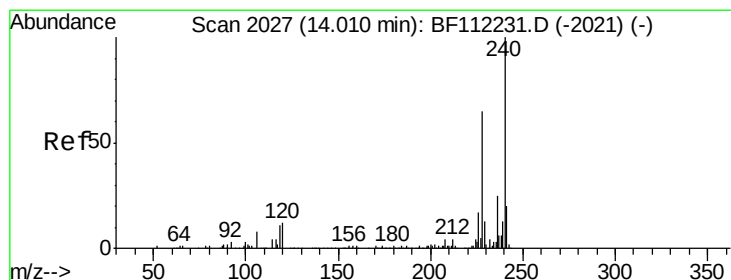
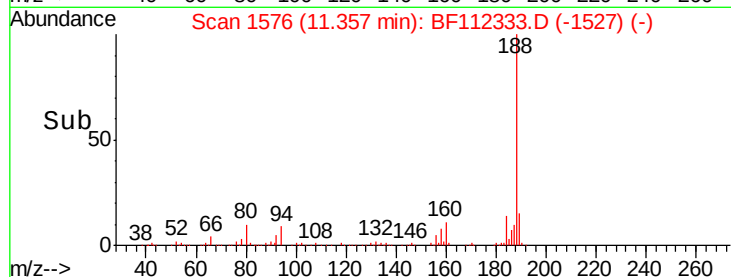
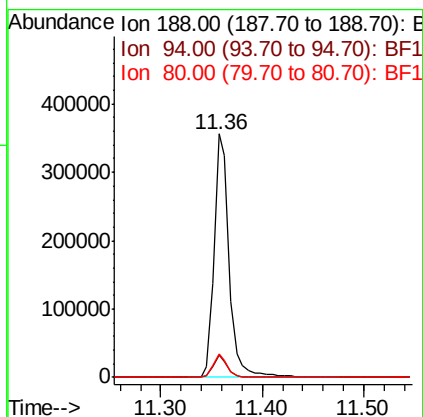
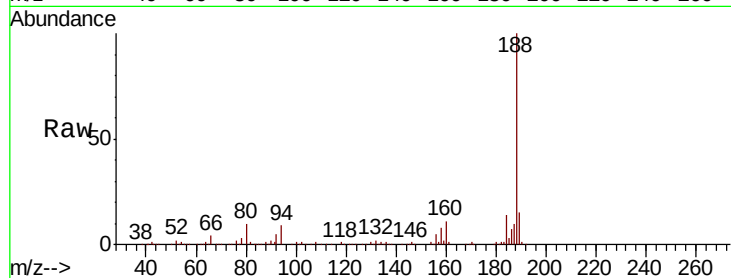




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112333.D
Acq: 30 Jan 2019 20:36

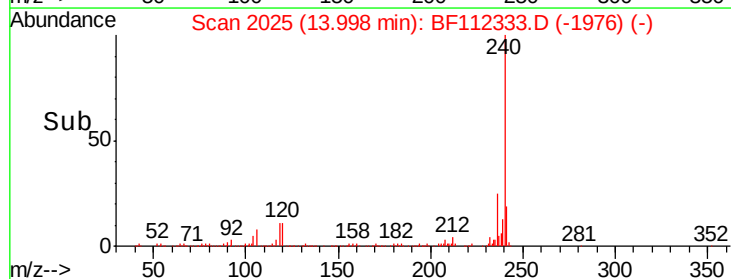
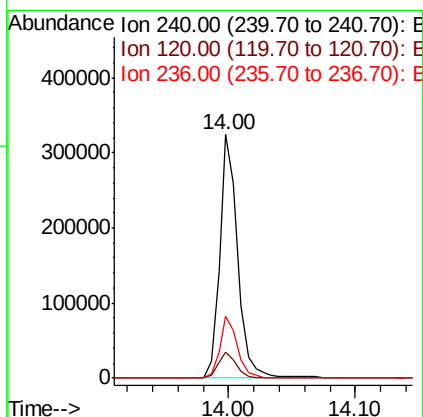
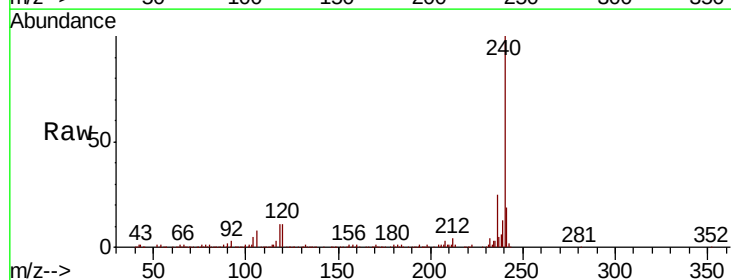
Instrument :
BNA_F
ClientSampleId :
TP-5

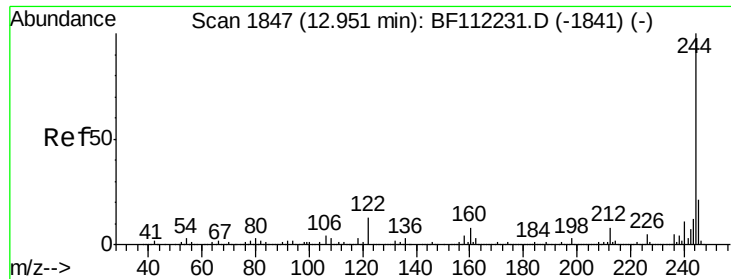
Tot Ion:188 Resp: 368158
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.2
80 9.8 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112333.D
Acq: 30 Jan 2019 20:36

Tgt Ion:240 Resp: 322778
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.6
236 25.4 20.7 31.1

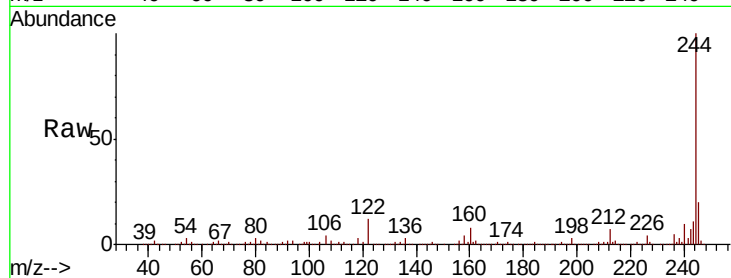




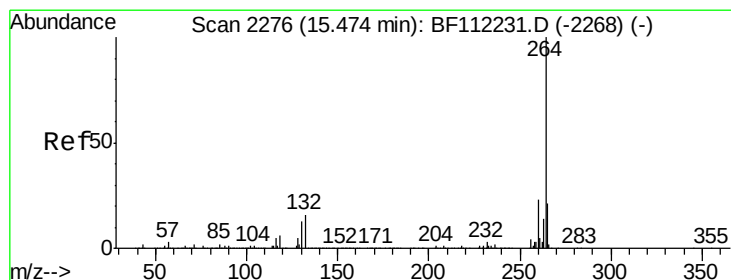
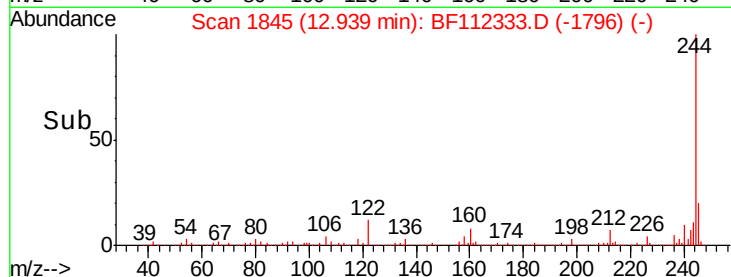
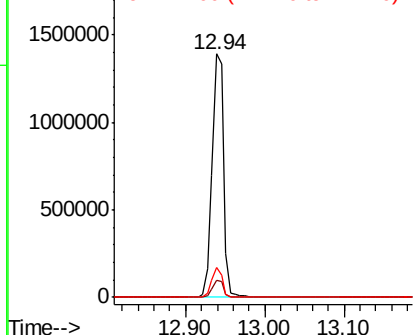
#79
 Terphenyl-d14
 Concen: 81.413 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112333.D
 Acq: 30 Jan 2019 20:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tot Ion:244 Resp: 1395221
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.4 9.8 14.6

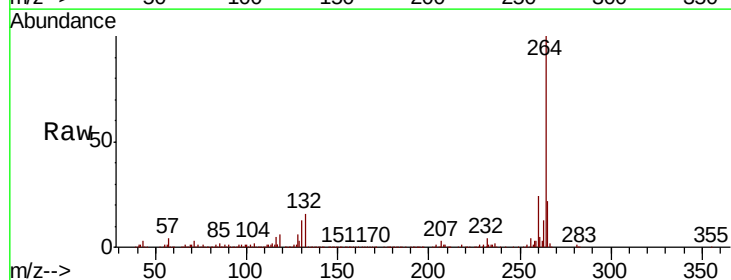


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112333.D
 Acq: 30 Jan 2019 20:36

Tgt Ion:264 Resp: 355577
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.2 27.2
 265 22.4 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

