

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
 Data File : BF112492.D
 Acq On : 11 Feb 2019 20:25
 Operator : JU/SJ
 Sample : K1452-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-2

Quant Time: Feb 12 01:28:55 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	6.83	152	88430	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	340288	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	161544	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	290925	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	194126	20.00	ng	0.00
87) Perylene-d12	15.47	264	190813	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	612605	147.15	ng	-0.01
7) Phenol-d6	6.48	99	685133	118.43	ng	-0.01
23) Nitrobenzene-d5	7.39	82	549786	93.09	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	246144	130.90	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1139909	99.80	ng	-0.02
79) Terphenyl-d14	12.94	244	1030650	100.00	ng	-0.01

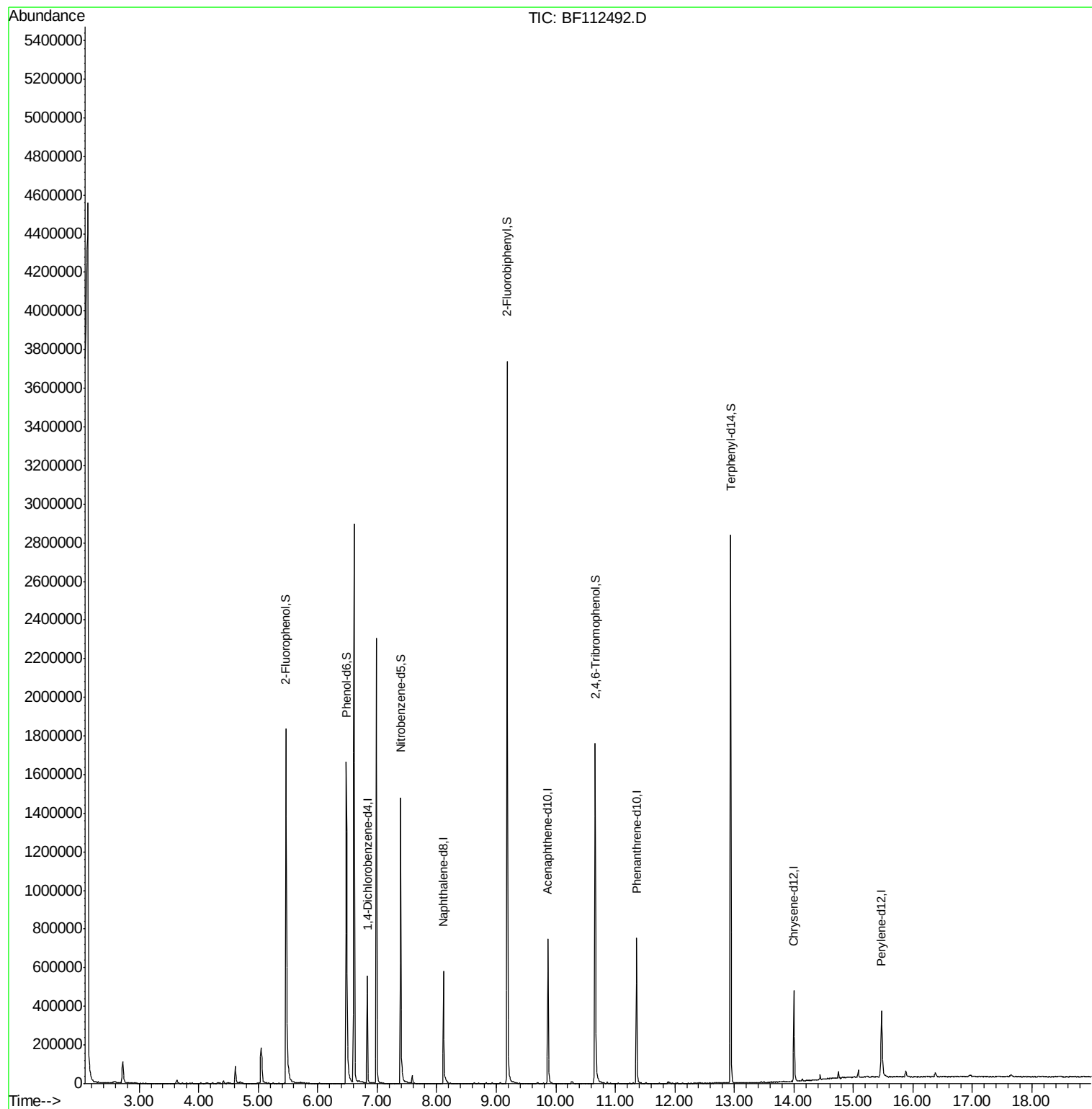
Target Compounds Qvalue

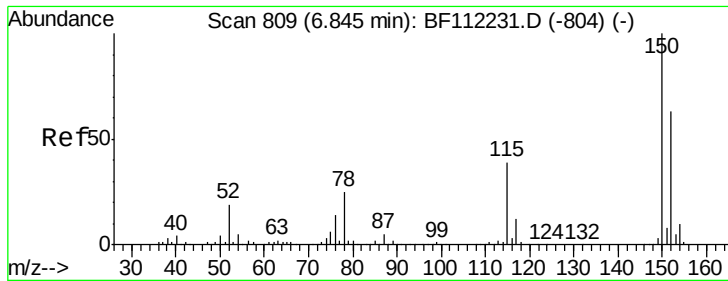
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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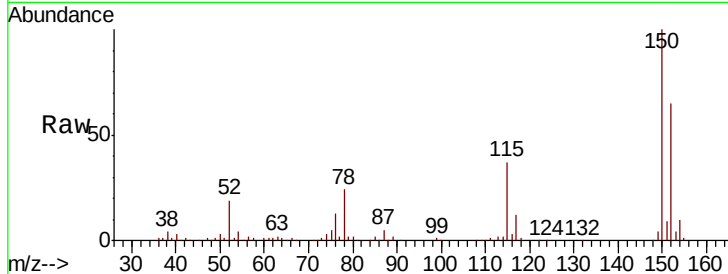


#1

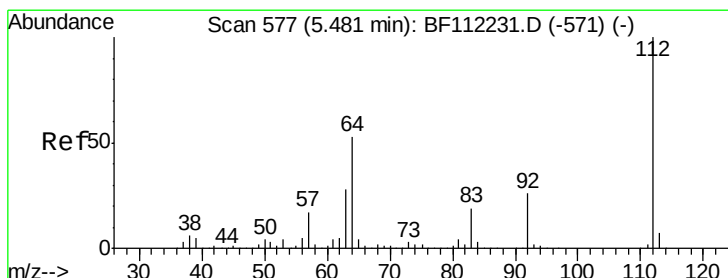
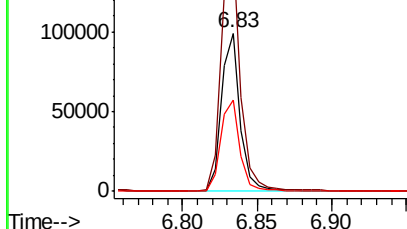
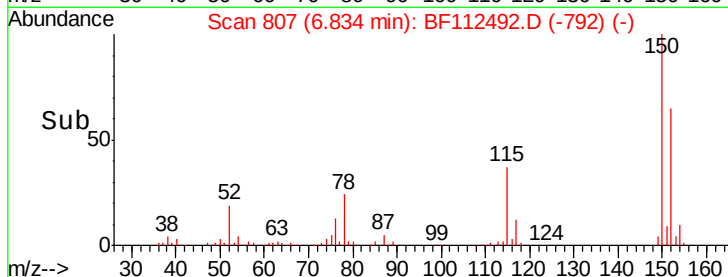
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112492.D
Acq: 11 Feb 2019 20:25

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-2

Tot Ion:152 Resp: 88430
Ion Ratio Lower Upper
152 100
150 153.7 127.4 191.0
115 57.2 45.5 68.3



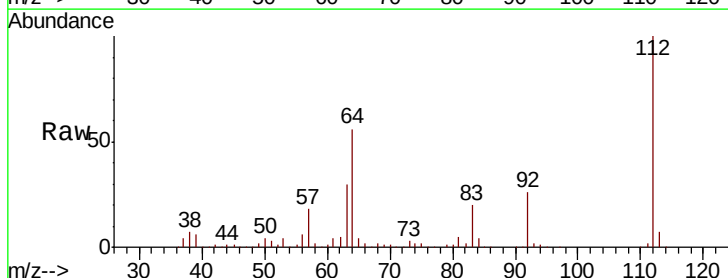
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



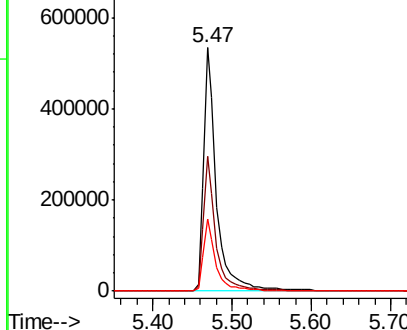
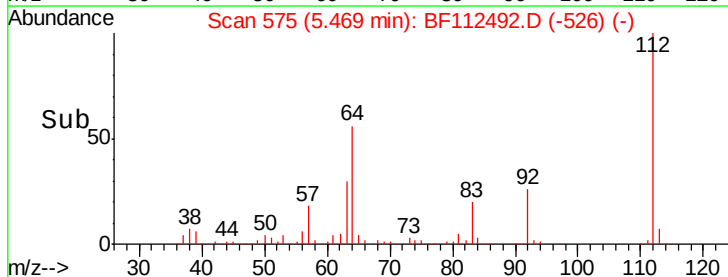
#5

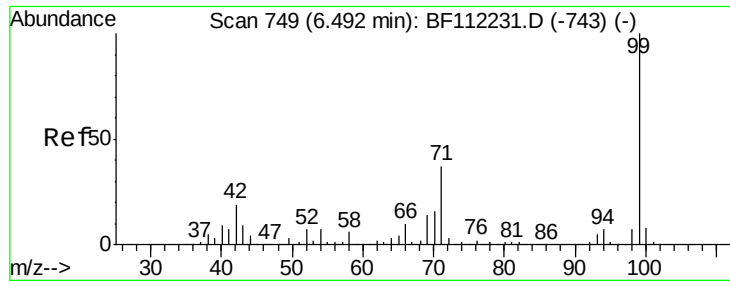
2-Fluorophenol
Concen: 147.146 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112492.D
Acq: 11 Feb 2019 20:25

Tgt Ion:112 Resp: 612605
Ion Ratio Lower Upper
112 100
64 55.5 45.7 68.5
63 29.7 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: 118.432 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112492.D

Acq: 11 Feb 2019 20:25

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-2

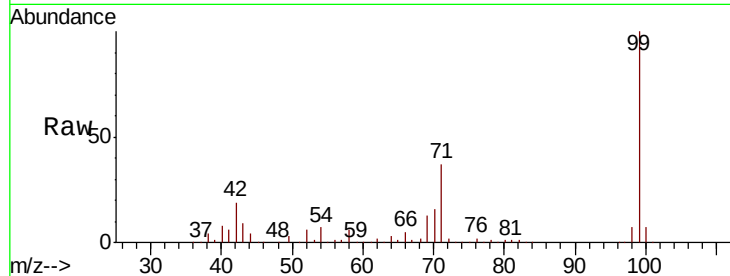
Tot Ion: 99 Resp: 685133

Ion Ratio Lower Upper

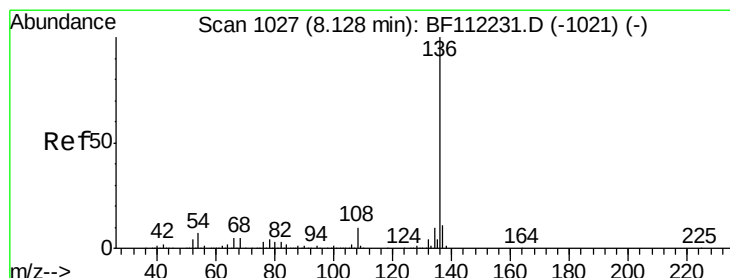
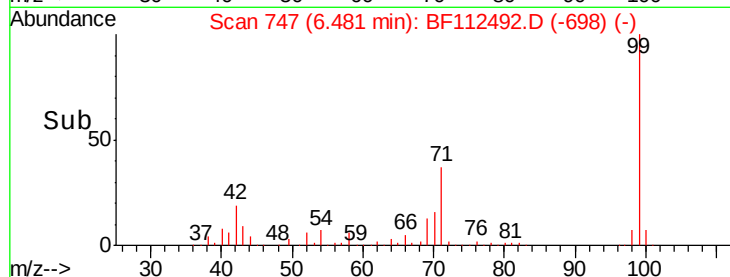
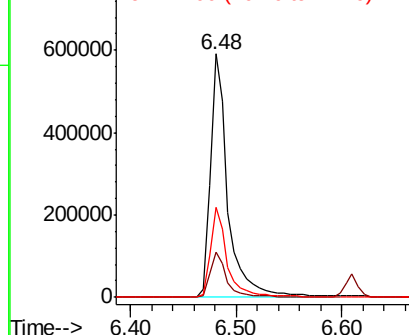
99 100

42 18.8 15.1 22.7

71 37.0 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# 1025

Delta R.T. -0.01 min

Lab File: BF112492.D

Acq: 11 Feb 2019 20:25

Tgt Ion:136 Resp: 340288

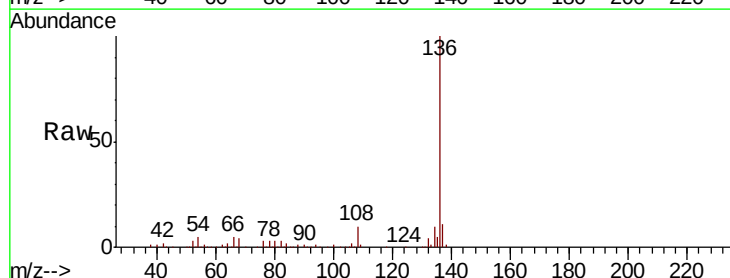
Ion Ratio Lower Upper

136 100

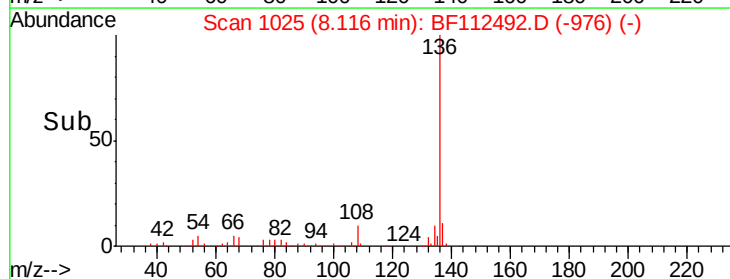
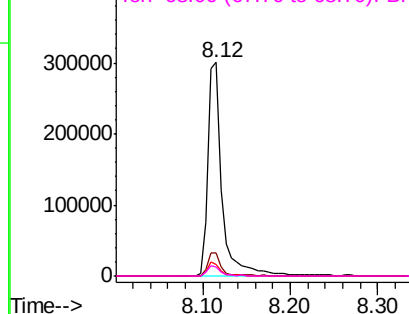
137 10.5 9.1 13.7

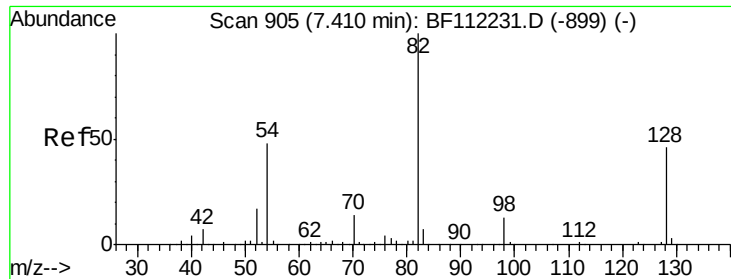
54 5.3 5.9 8.9#

68 4.3 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

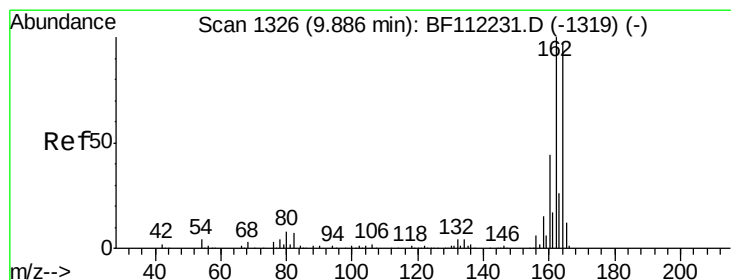
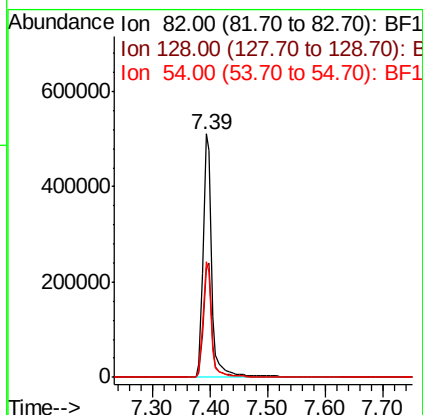
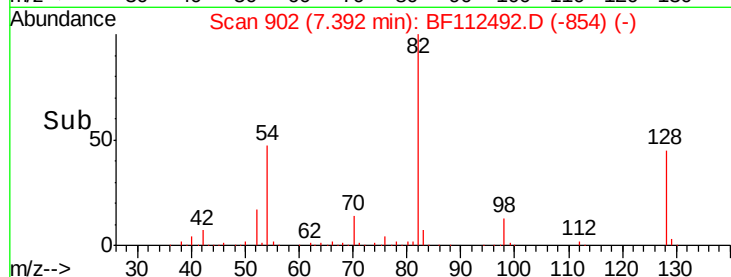
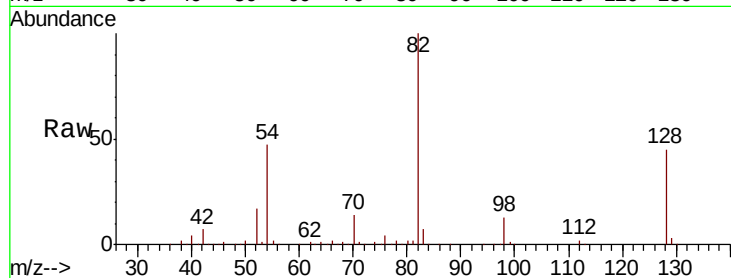




#23
 Nitrobenzene-d5
 Concen: 93.093 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF112492.D
 Acq: 11 Feb 2019 20:25

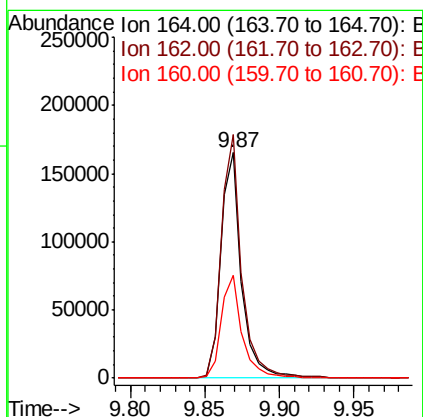
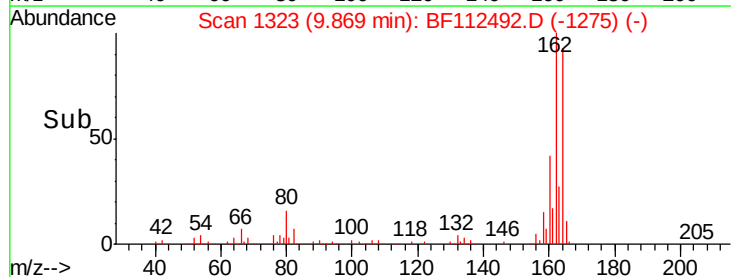
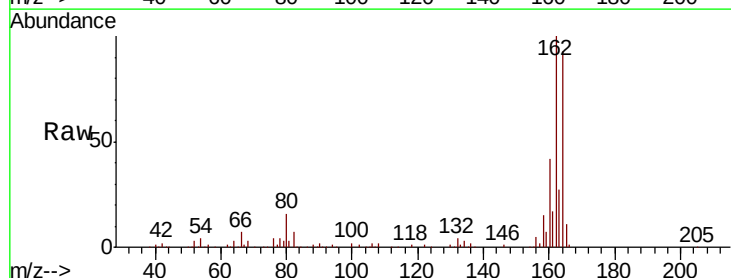
Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-2

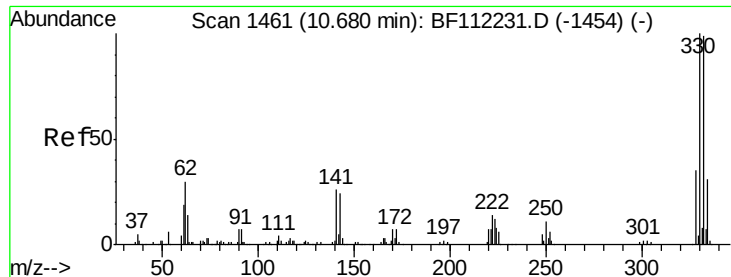
Tot Ion	82	Resp	549786
Ion Ratio	100	Lower	Upper
128	44.9	37.8	56.8
54	47.4	39.7	59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112492.D
 Acq: 11 Feb 2019 20:25

Tgt Ion	164	Resp	161544
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	107.9	82.2	123.4
160	45.4	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 130.905 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112492.D

Acq: 11 Feb 2019 20:25

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-2

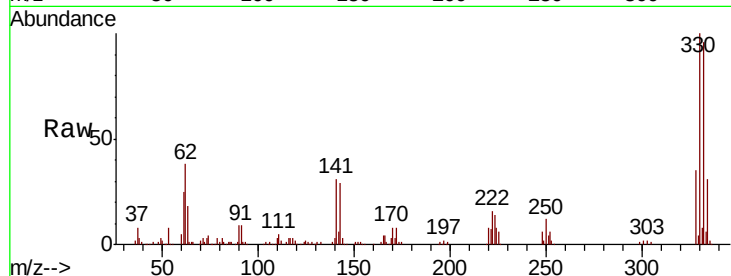
Tot Ion:330 Resp: 246144

Ion Ratio Lower Upper

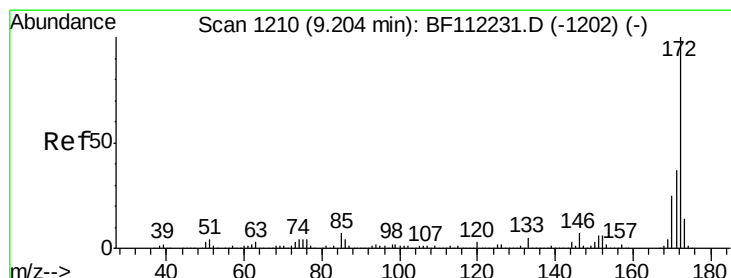
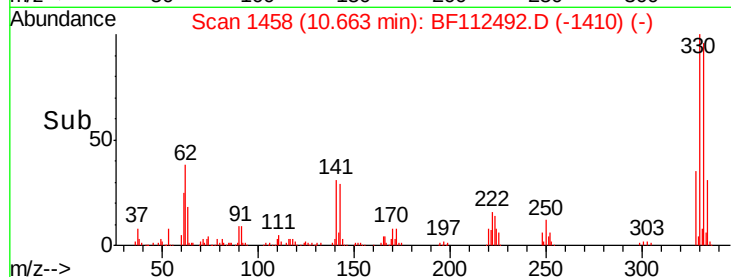
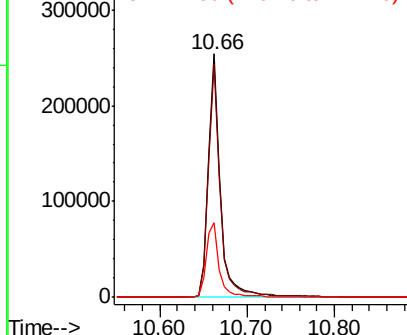
330 100

332 95.9 76.6 114.8

141 32.8 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: 99.800 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF112492.D

Acq: 11 Feb 2019 20:25

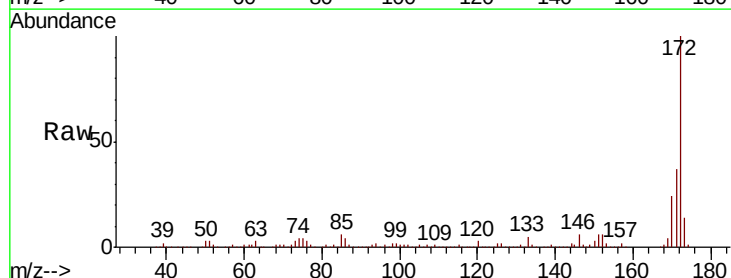
Tgt Ion:172 Resp: 1139909

Ion Ratio Lower Upper

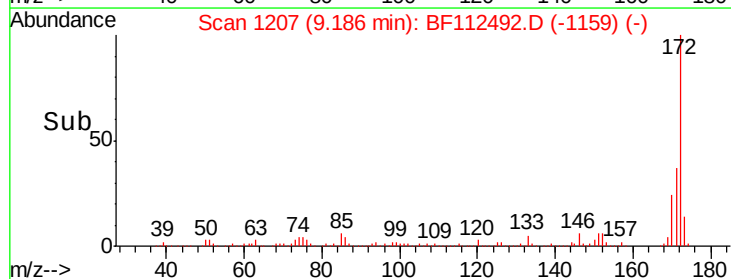
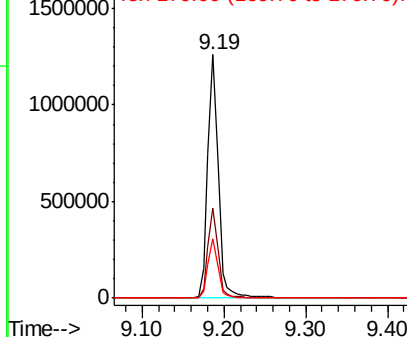
172 100

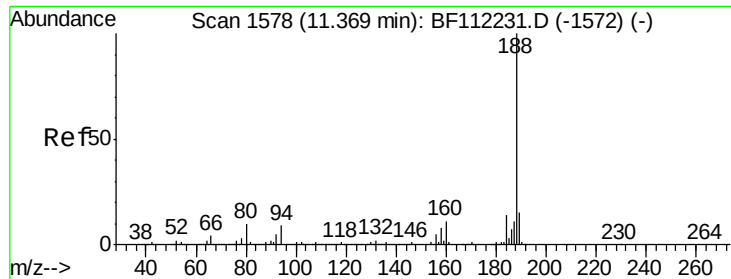
171 37.0 30.5 45.7

170 24.2 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

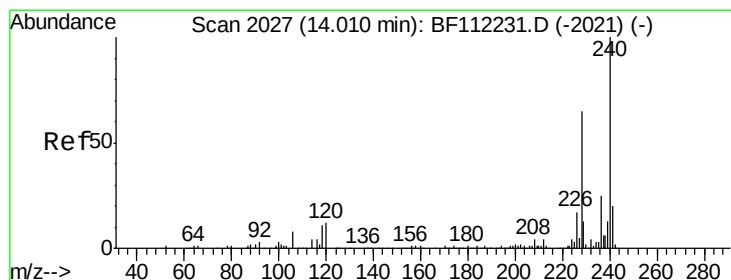
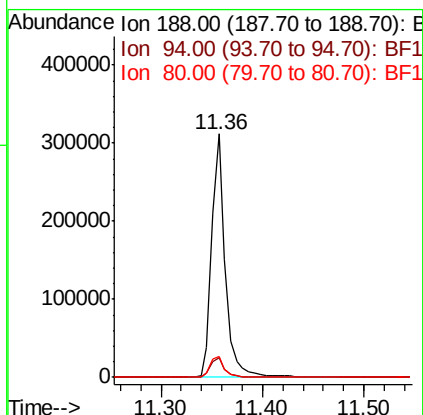
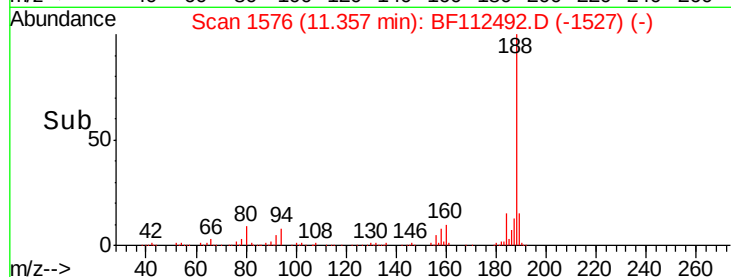
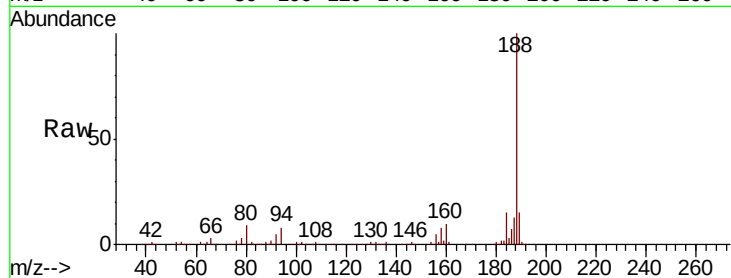




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112492.D
Acq: 11 Feb 2019 20:25

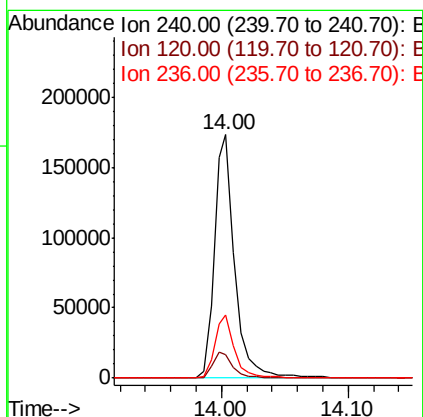
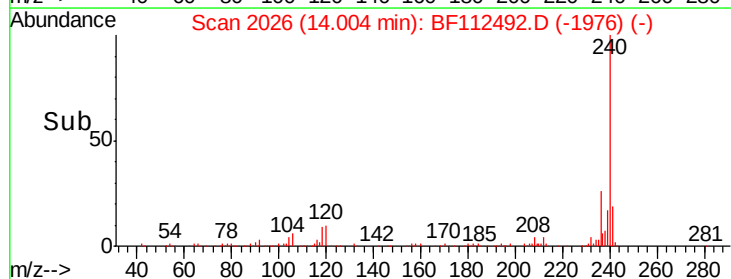
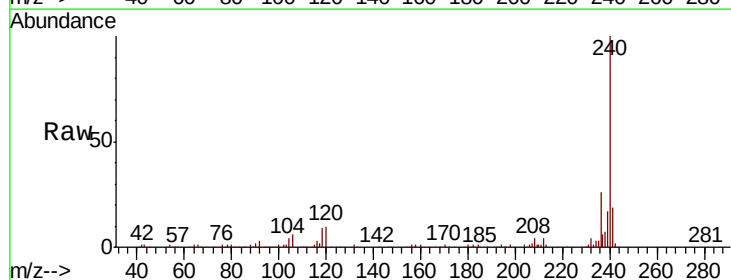
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-2

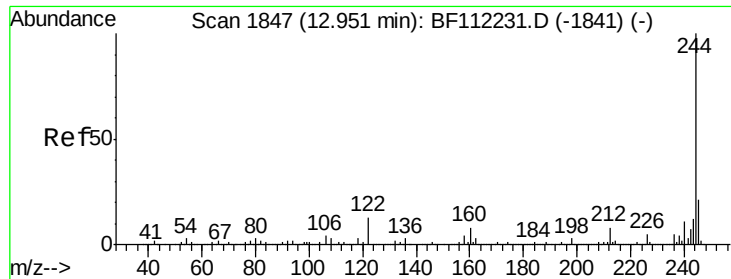
Tot Ion:188 Resp: 290925
Ion Ratio Lower Upper
188 100
94 8.0 8.2 12.2#
80 8.8 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112492.D
Acq: 11 Feb 2019 20:25

Tgt Ion:240 Resp: 194126
Ion Ratio Lower Upper
240 100
120 9.5 9.0 13.6
236 26.1 20.7 31.1

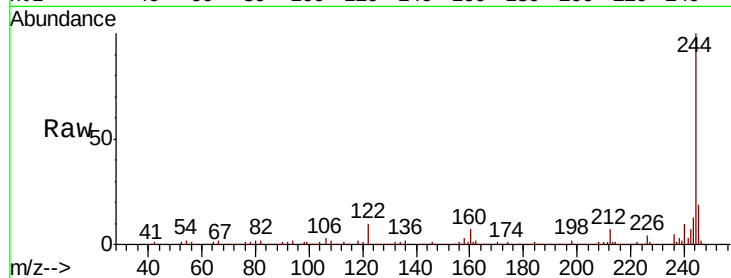




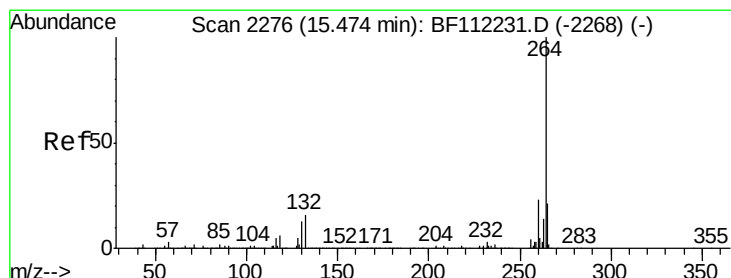
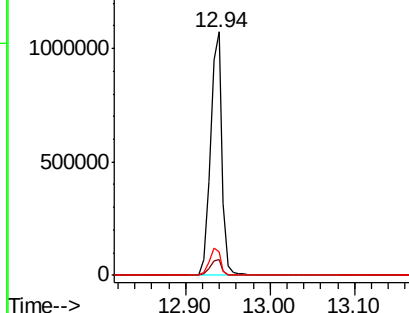
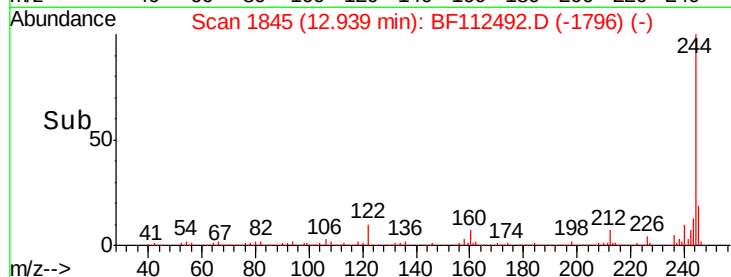
#79
 Terphenyl-d14
 Concen: 99.996 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112492.D
 Acq: 11 Feb 2019 20:25

Instrument :
 BNA_F
 ClientSampled :
 TEST-PIT-2

Tot Ion:244 Resp: 1030650
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 9.7 9.8 14.6#

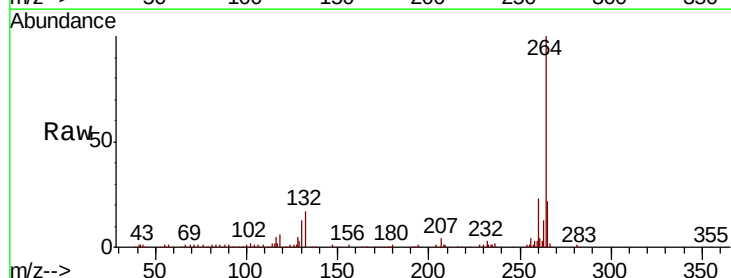


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. 0.00 min
 Lab File: BF112492.D
 Acq: 11 Feb 2019 20:25

Tgt Ion:264 Resp: 190813
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.2
 265 21.7 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

