

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
 Data File : BF111832.D
 Acq On : 3 Jan 2019 20:21
 Operator : JU/SJ
 Sample : K1019-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-D-11-12-A

Quant Time: Jan 04 03:37:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	256637	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	948162	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	447936	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	671899	20.00	ng	0.01
76) Chrysene-d12	14.07	240	482206	20.00	ng	0.02
87) Perylene-d12	15.56	264	327866	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1710995	113.64	ng	0.04
7) Phenol-d6	6.55	99	2008313	104.81	ng	0.03
23) Nitrobenzene-d5	7.47	82	1600691	98.27	ng	0.01
42) 2,4,6-Tribromophenol	10.74	330	665786	125.79	ng	0.02
45) 2-Fluorobiphenyl	9.26	172	2805926	91.30	ng	0.00
79) Terphenyl-d14	13.02	244	2203118	86.64	ng	0.02

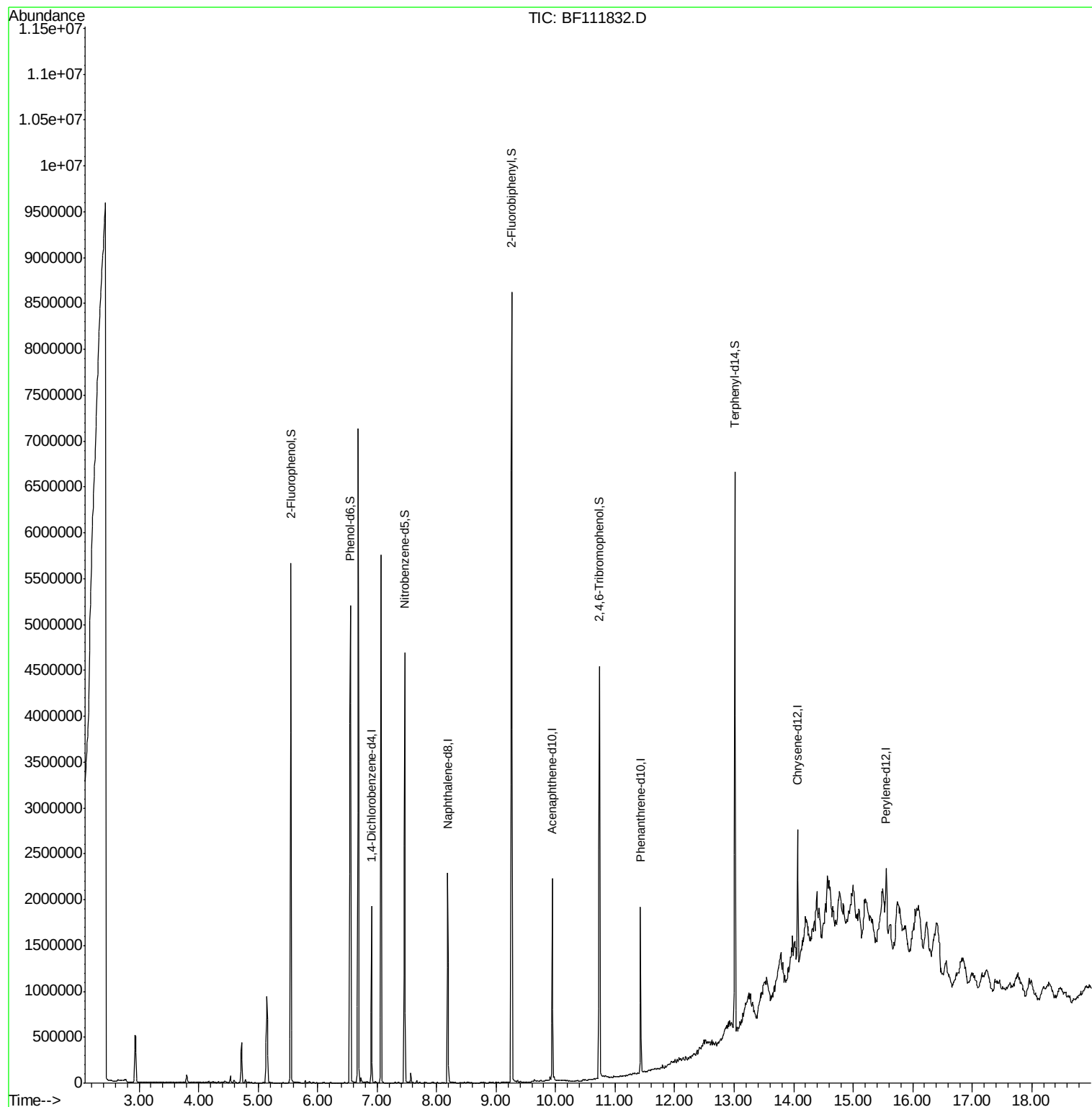
Target Compounds Qvalue

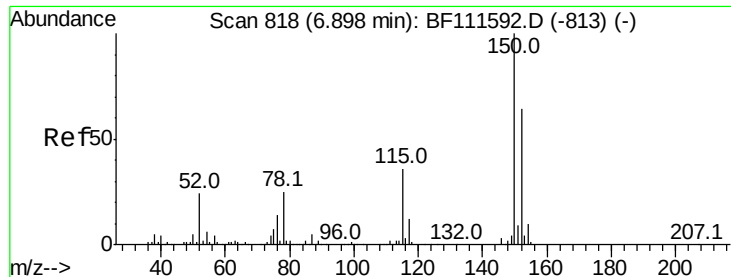
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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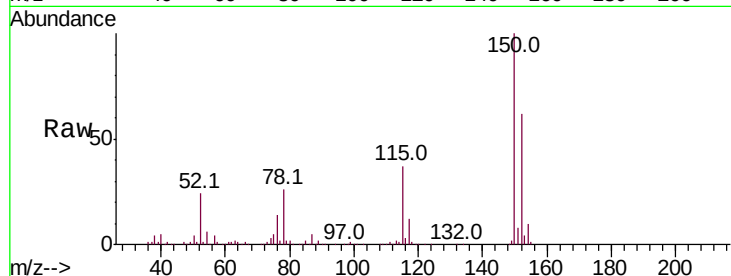


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111832.D
Acq: 3 Jan 2019 20:21

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-D-11-12-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	126.6	189.8
115	59.6	50.7	76.1

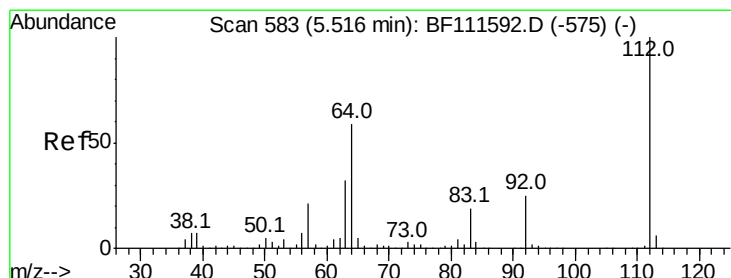
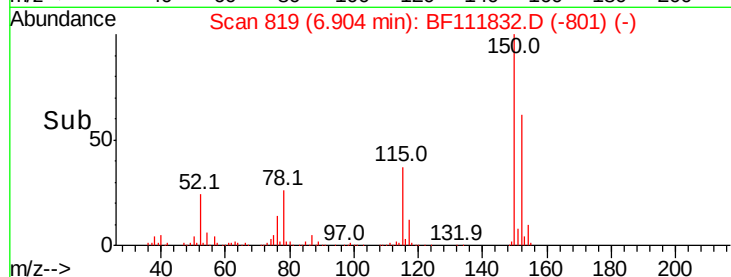
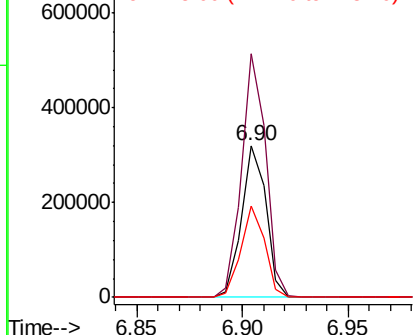


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

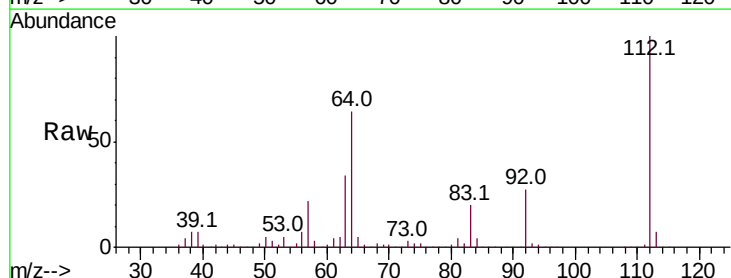
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 113.641 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.04 min
Lab File: BF111832.D
Acq: 3 Jan 2019 20:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.0	51.8	77.6
63	34.2	26.8	40.2

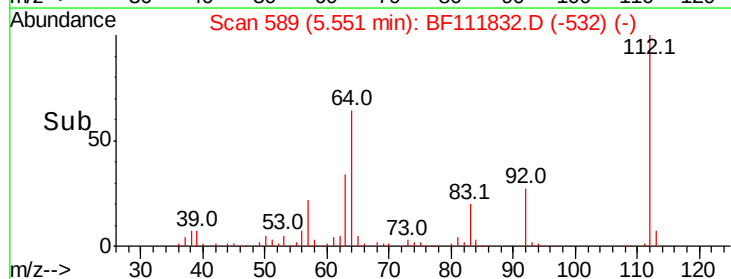
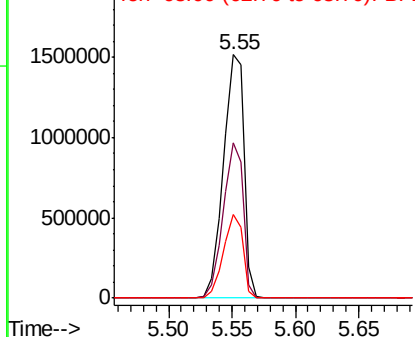


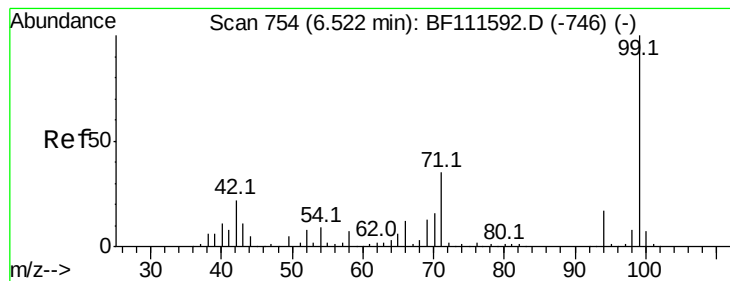
Abundance

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: 104.811 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.03 min

Lab File: BF111832.D

Acq: 3 Jan 2019 20:21

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-D-11-12-A

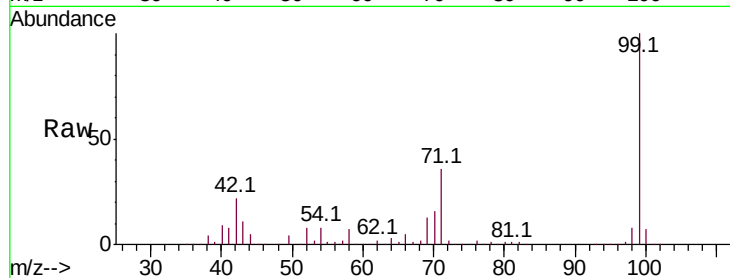
Tot Ion: 99 Resp: 2008313

Ion Ratio Lower Upper

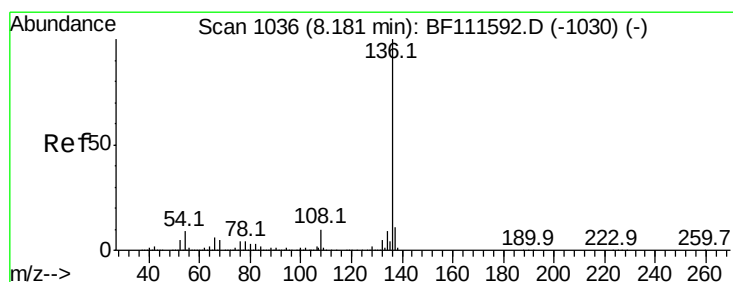
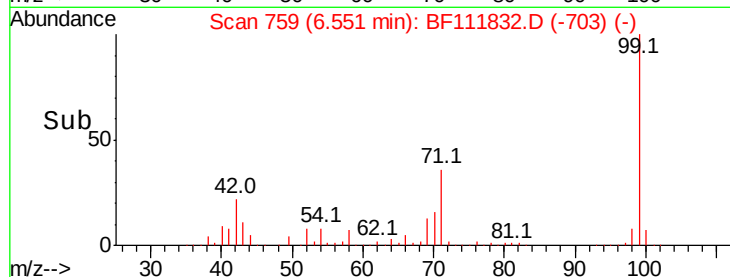
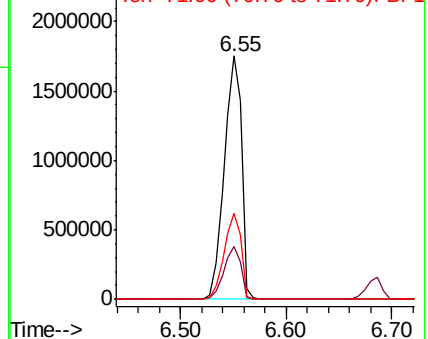
99 100

42 21.9 17.4 26.0

71 35.6 26.1 39.1



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: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111832.D

Acq: 3 Jan 2019 20:21

Tgt Ion: 136 Resp: 948162

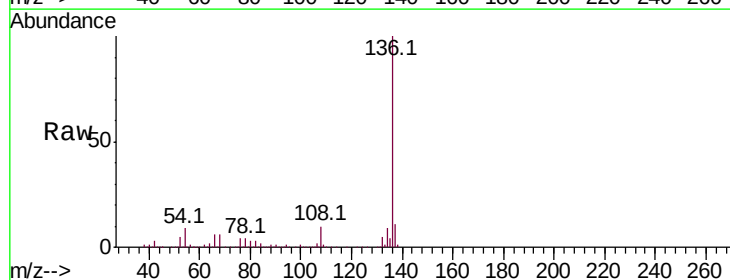
Ion Ratio Lower Upper

136 100

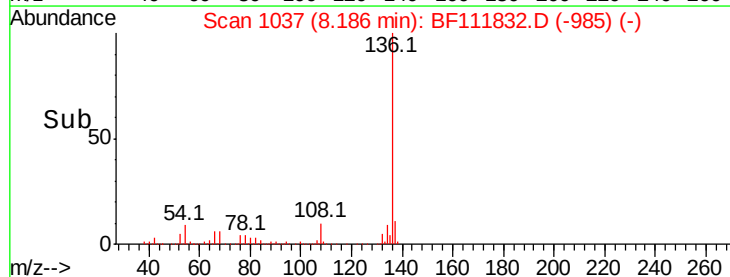
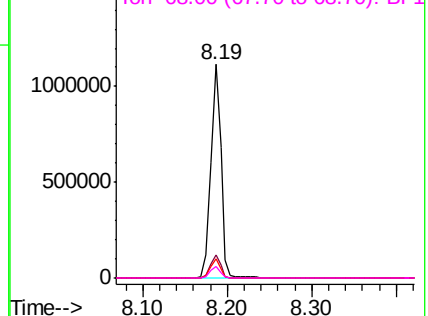
137 10.8 9.1 13.7

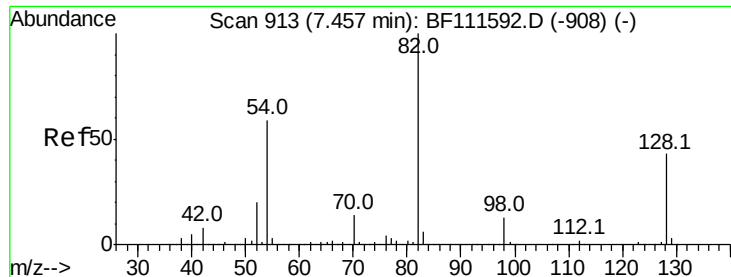
54 9.2 7.7 11.5

68 5.5 4.9 7.3



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

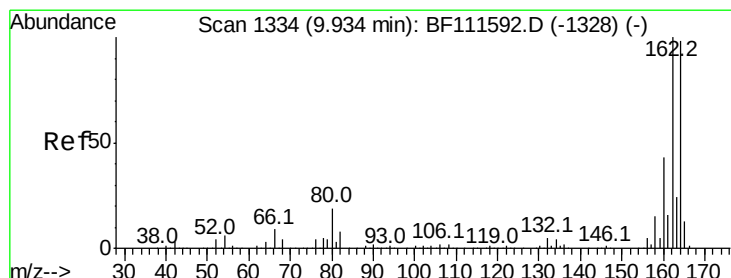
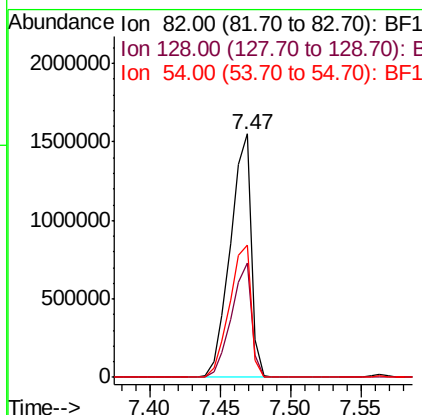
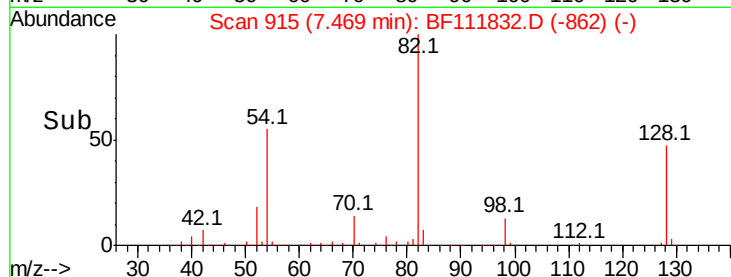
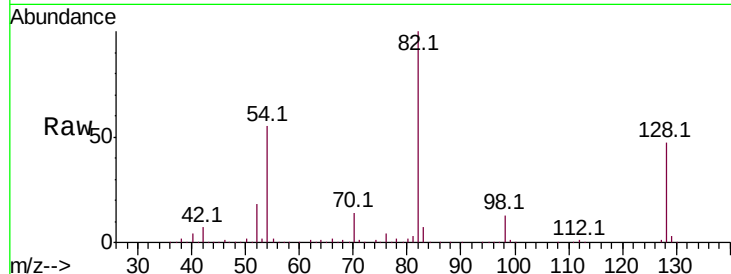




#23
Nitrobenzene-d5
Concen: 98.267 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.01 min
Lab File: BF111832.D
Acq: 3 Jan 2019 20:21

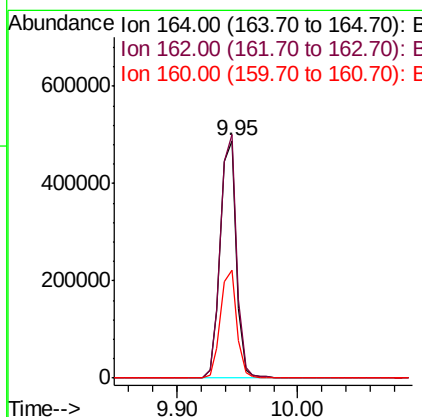
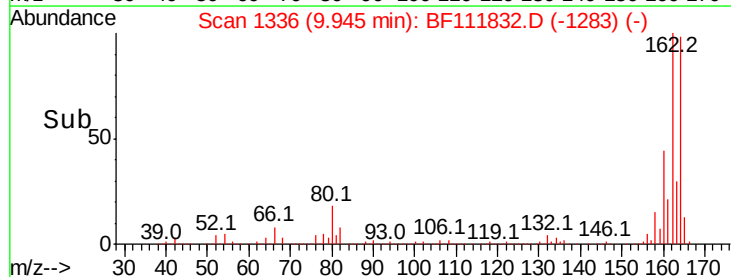
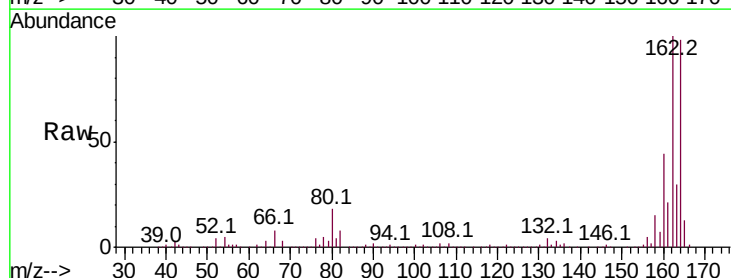
Instrument :
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TEST-PIT-D-11-12-A

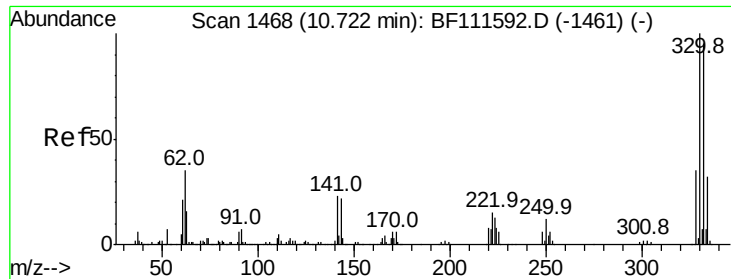
Tot Ion: 82 Resp: 1600691
Ion Ratio Lower Upper
82 100
128 46.7 37.4 56.2
54 54.5 47.6 71.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF111832.D
Acq: 3 Jan 2019 20:21

Tgt Ion:164 Resp: 447936
Ion Ratio Lower Upper
164 100
162 102.4 81.4 122.0
160 45.4 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 125.793 ng

RT: 10.74 min Scan# 1471

Delta R.T. 0.02 min

Lab File: BF111832.D

Acq: 3 Jan 2019 20:21

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-D-11-12-A

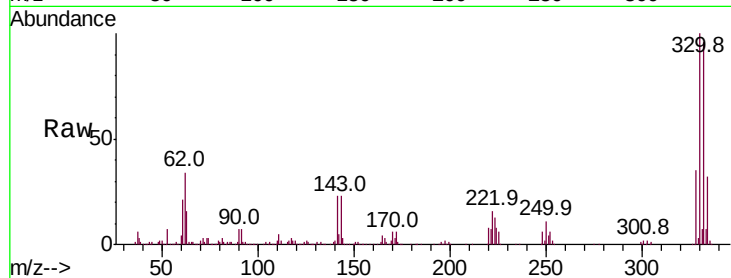
Tot Ion:330 Resp: 665786

Ion Ratio Lower Upper

330 100

332 95.3 76.0 114.0

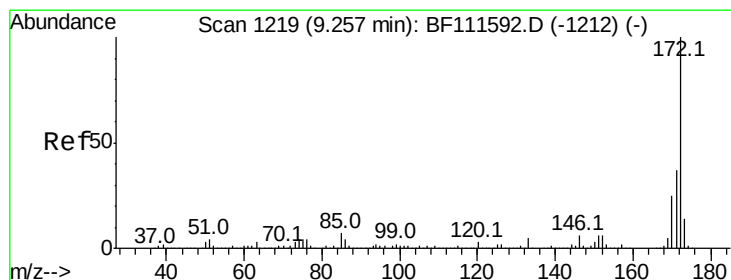
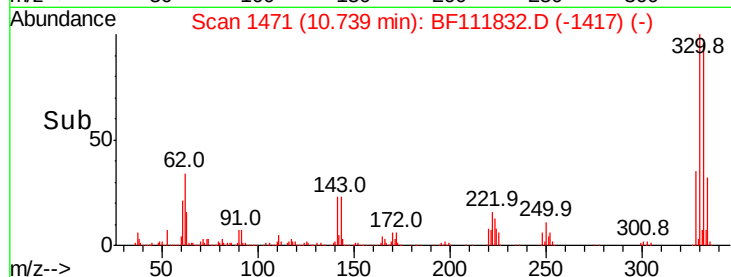
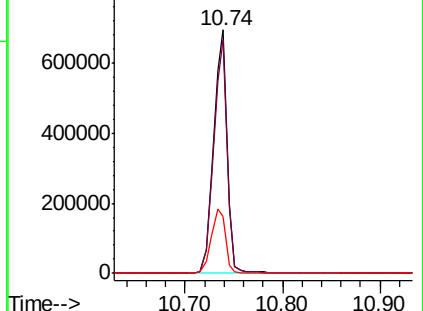
141 28.0 31.0 46.6#



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: 91.304 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.01 min

Lab File: BF111832.D

Acq: 3 Jan 2019 20:21

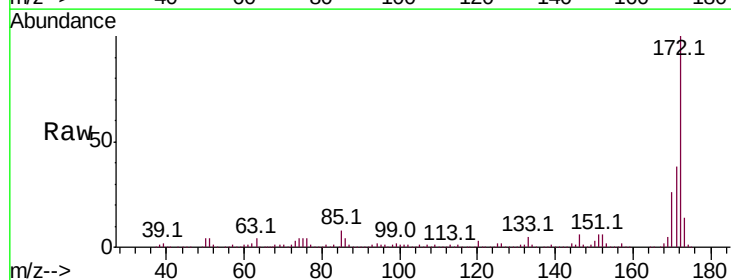
Tgt Ion:172 Resp: 2805926

Ion Ratio Lower Upper

172 100

171 38.0 33.0 49.4

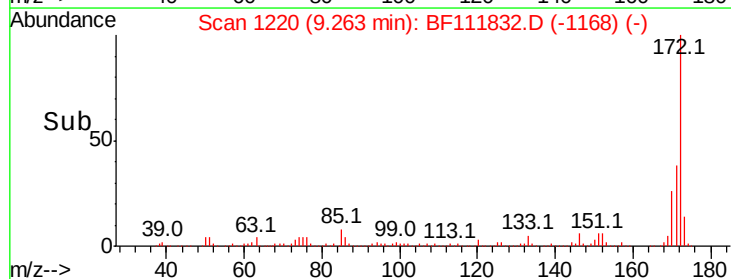
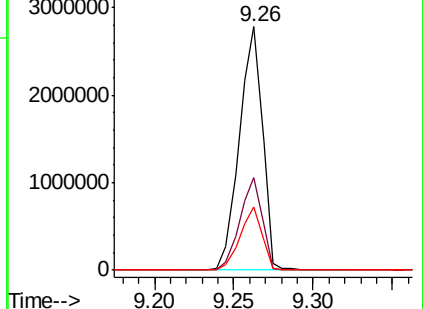
170 26.0 22.3 33.5

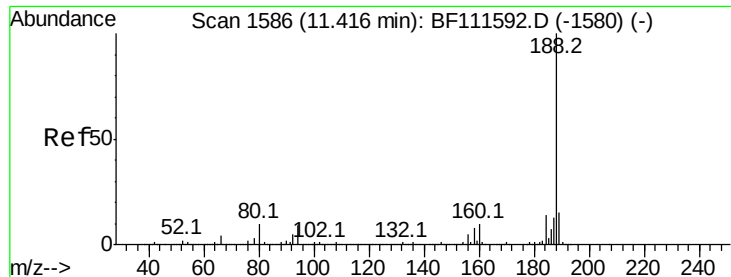


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF111832.D

Acq: 3 Jan 2019 20:21

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-D-11-12-A

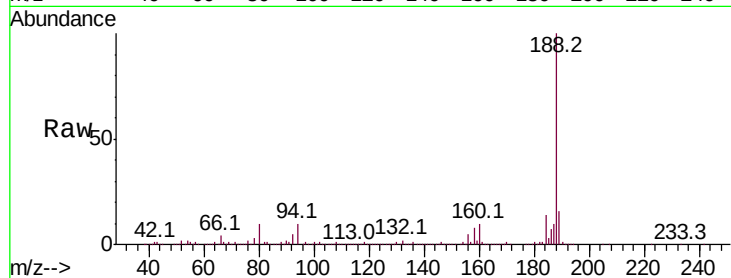
Tot Ion:188 Resp: 671899

Ion Ratio Lower Upper

188 100

94 9.8 9.6 14.4

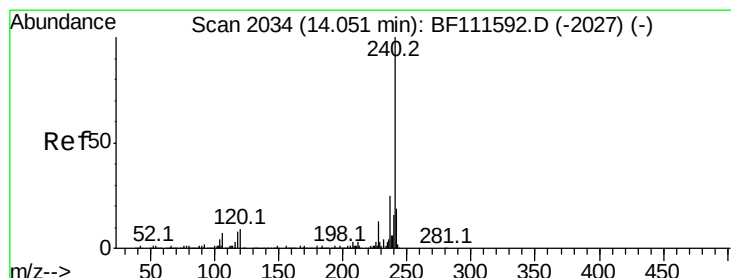
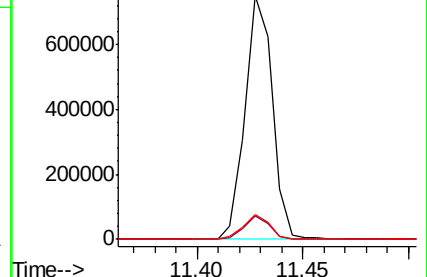
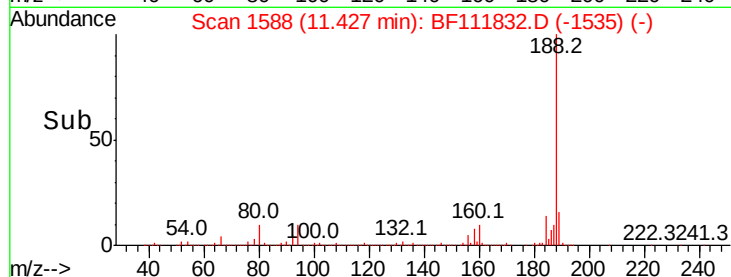
80 10.3 9.8 14.6



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: 14.07 min Scan# 2037

Delta R.T. 0.02 min

Lab File: BF111832.D

Acq: 3 Jan 2019 20:21

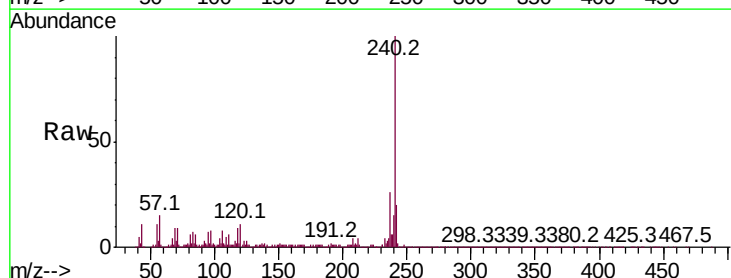
Tgt Ion:240 Resp: 482206

Ion Ratio Lower Upper

240 100

120 10.6 12.2 18.2#

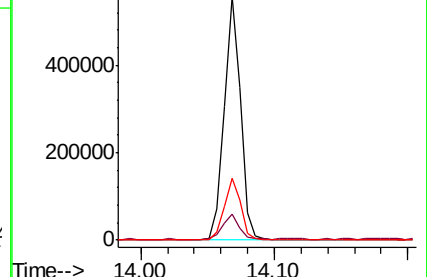
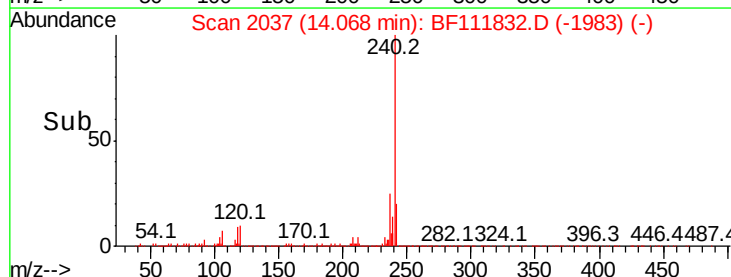
236 25.6 20.2 30.2

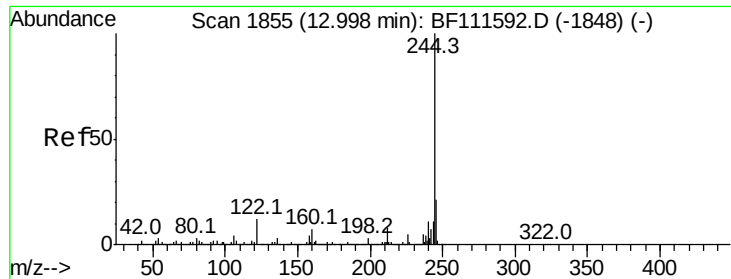


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

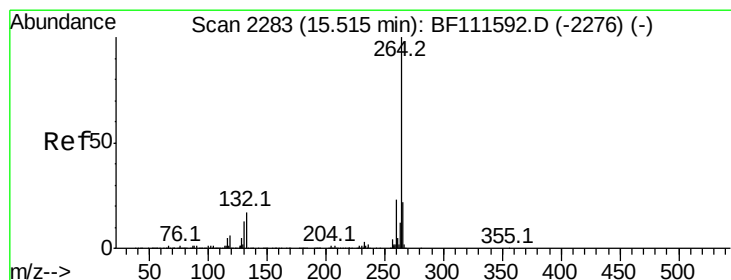
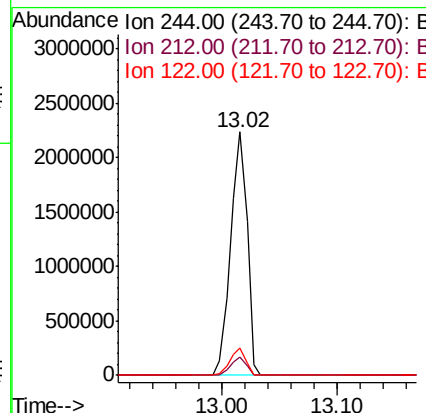
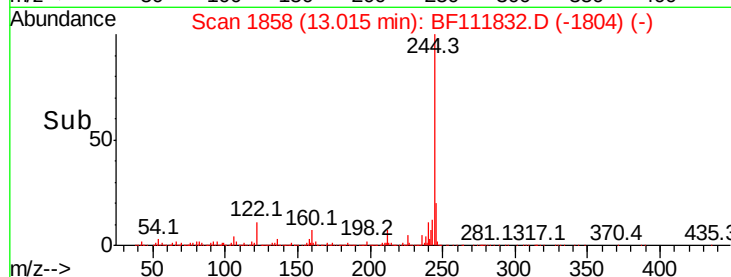
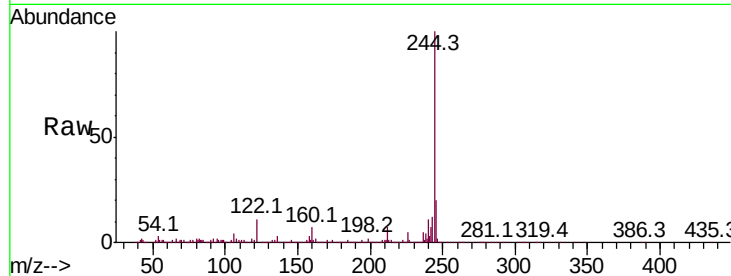




#79
 Terphenyl-d14
 Concen: 86.644 ng
 RT: 13.02 min Scan# 1858
 Delta R.T. 0.02 min
 Lab File: BF111832.D
 Acq: 3 Jan 2019 20:21

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Tot Ion:244 Resp: 2203118
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 11.4 13.1 19.7#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. 0.04 min
 Lab File: BF111832.D
 Acq: 3 Jan 2019 20:21

Tgt Ion:264 Resp: 327866
 Ion Ratio Lower Upper
 264 100
 260 26.2 18.3 27.5
 265 21.9 17.7 26.5

