

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
 Data File : BF111833.D
 Acq On : 3 Jan 2019 20:48
 Operator : JU/SJ
 Sample : K1019-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jan 04 03:38:39 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	266004	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	980367	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	475176	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	731128	20.00	ng	0.01
76) Chrysene-d12	14.07	240	506006	20.00	ng	0.02
87) Perylene-d12	15.56	264	363666	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1711409	109.67	ng	0.04
7) Phenol-d6	6.55	99	2027197	102.07	ng	0.03
23) Nitrobenzene-d5	7.46	82	1554957	92.32	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	682435	121.55	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	2755741	84.53	ng	0.00
79) Terphenyl-d14	13.02	244	2218103	83.13	ng	0.02

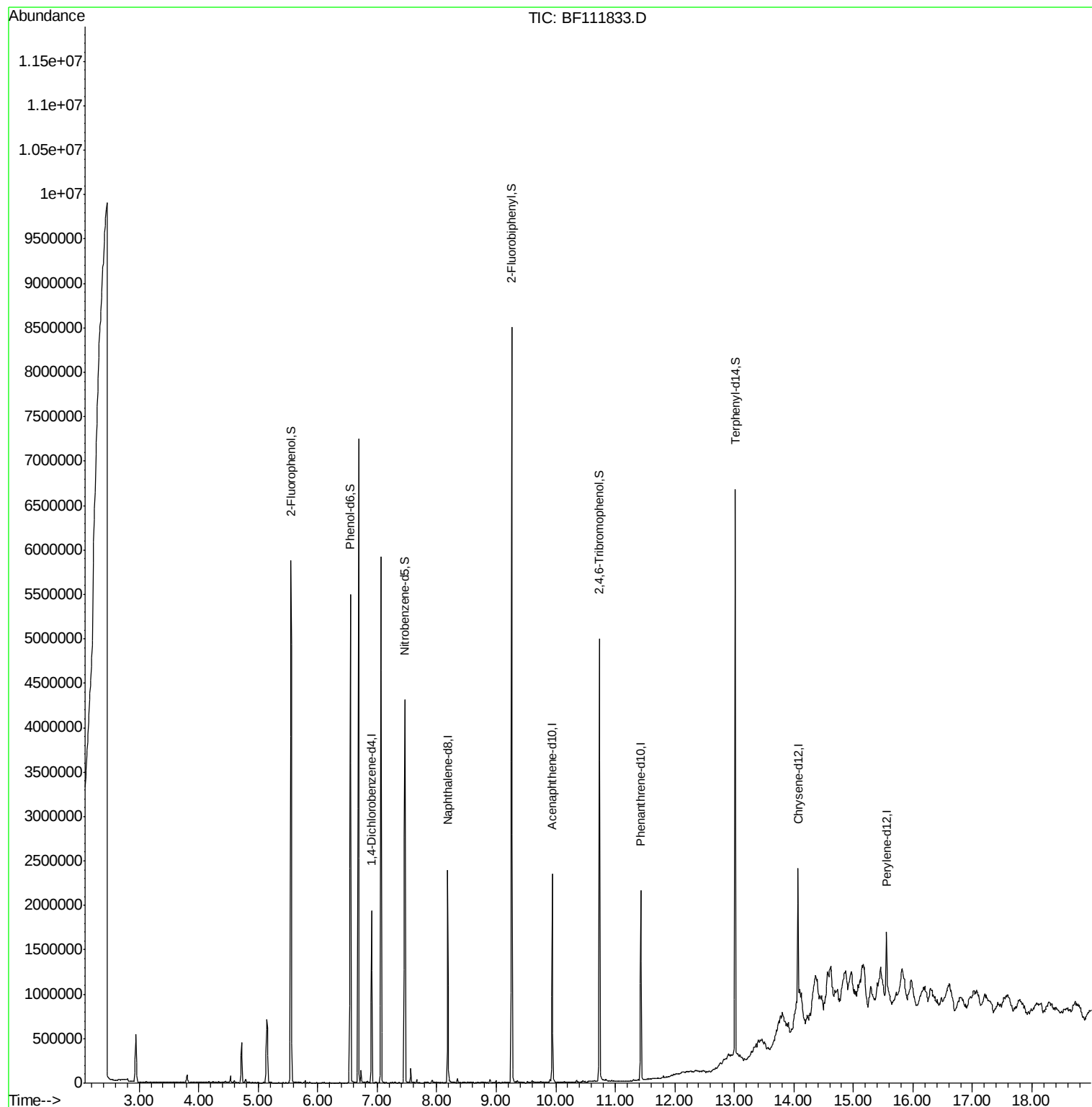
Target Compounds Qvalue

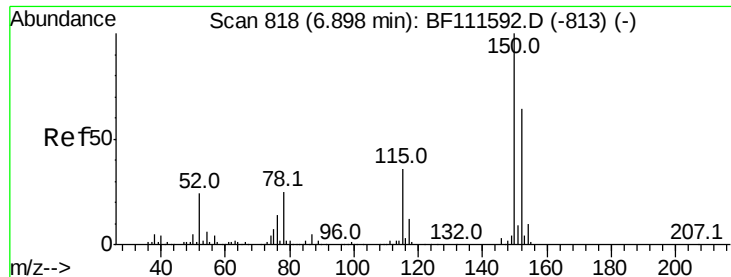
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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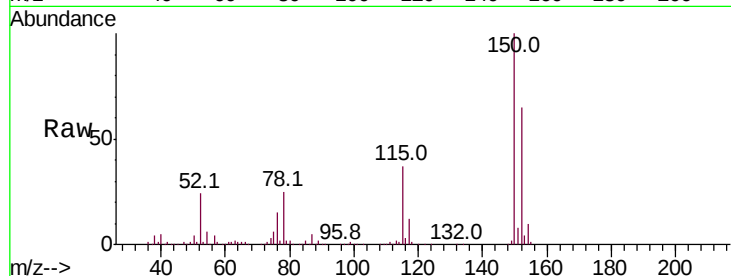


#1

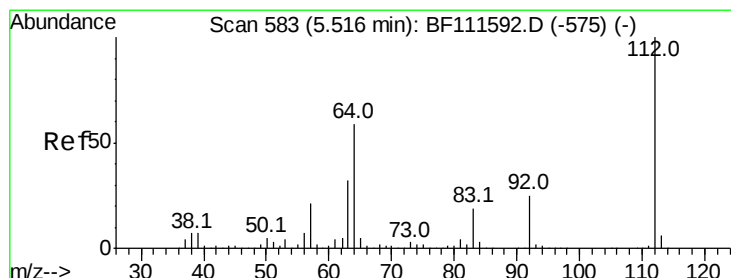
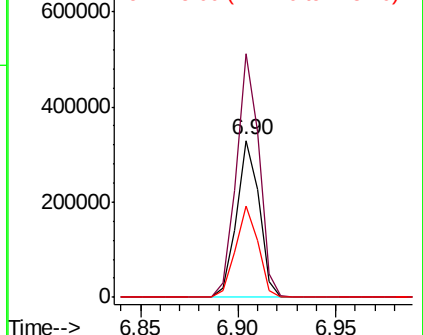
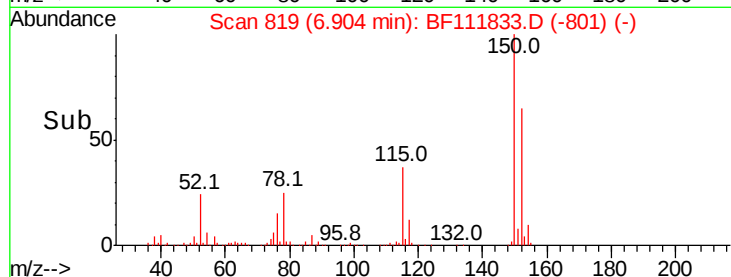
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111833.D
Acq: 3 Jan 2019 20:48

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

Tot Ion:152 Resp: 266004
Ion Ratio Lower Upper
152 100
150 155.0 126.6 189.8
115 58.1 50.7 76.1



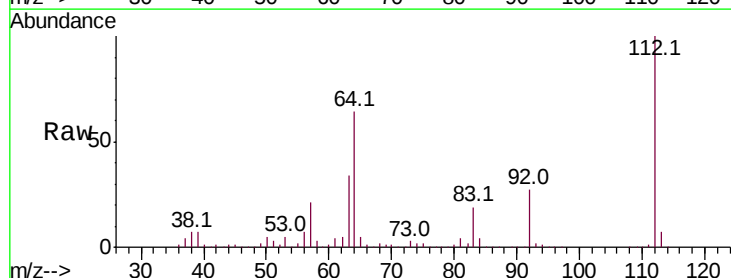
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



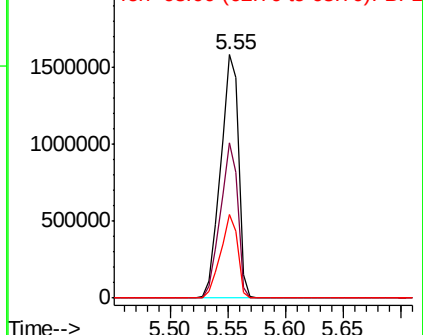
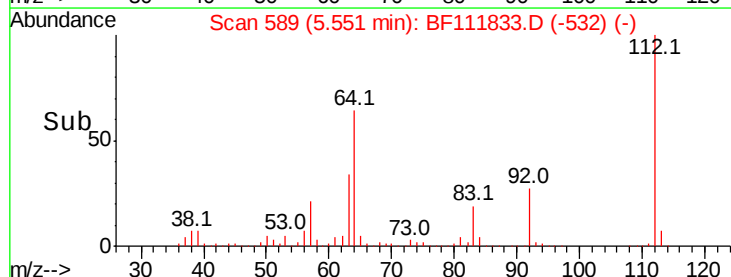
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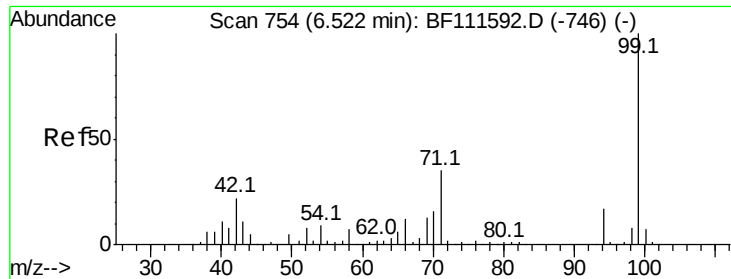
2-Fluorophenol
Concen: 109.666 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.04 min
Lab File: BF111833.D
Acq: 3 Jan 2019 20:48

Tgt Ion:112 Resp: 1711409
Ion Ratio Lower Upper
112 100
64 63.6 51.8 77.6
63 34.3 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: 102.071 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.03 min

Lab File: BF111833.D

Acq: 3 Jan 2019 20:48

Instrument :

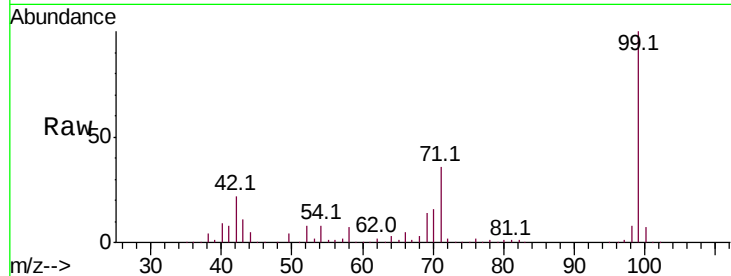
BNA_F

ClientSampleId :

TEST-PIT-D-11-12-B

Tot Ion: 99 Resp: 2027197

Ion	Ratio	Lower	Upper
99	100		
42	22.2	17.4	26.0
71	36.1	26.1	39.1

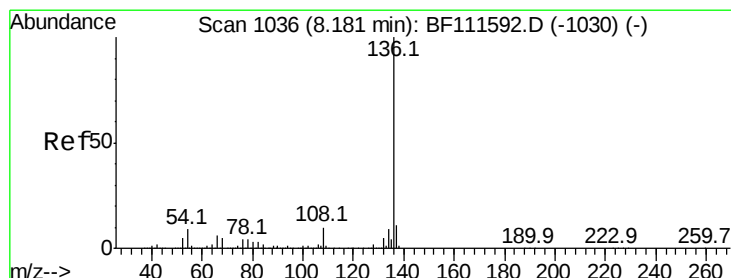
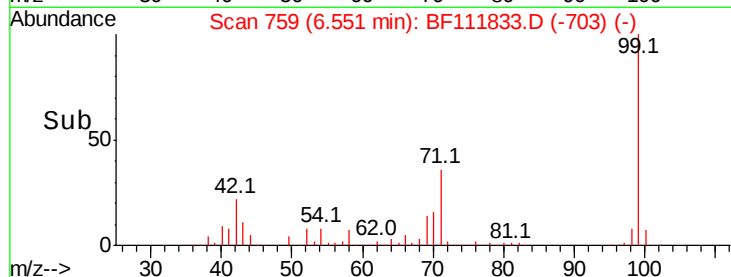
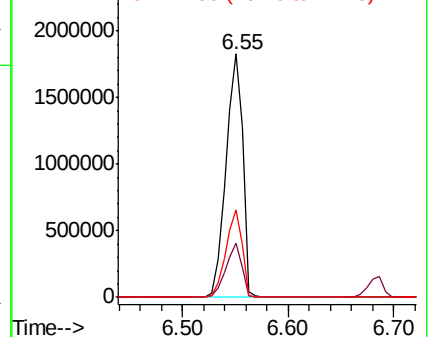


Abundance

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: BF111833.D

Acq: 3 Jan 2019 20:48

Tgt Ion: 136 Resp: 980367

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	8.9	7.7	11.5
68	5.8	4.9	7.3

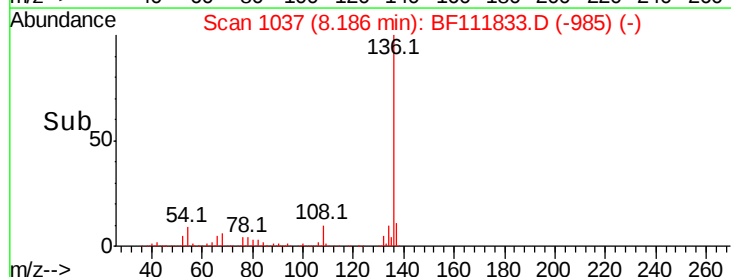
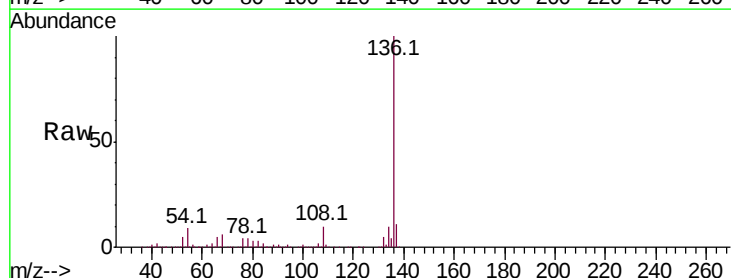
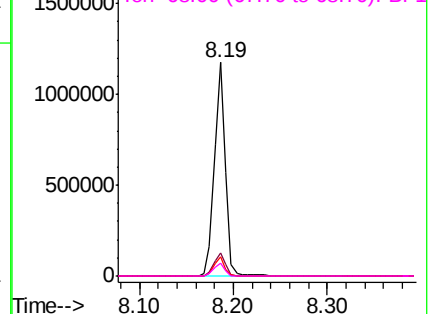
Abundance

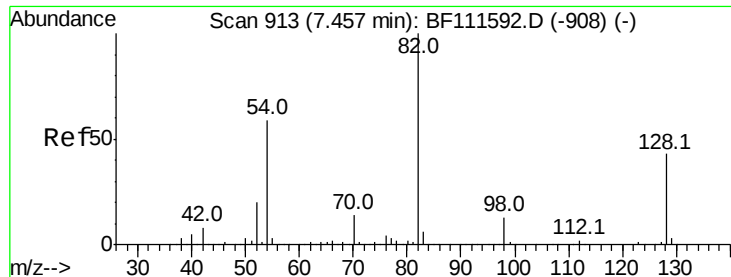
Ion 136.00 (135.70 to 136.70): E

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

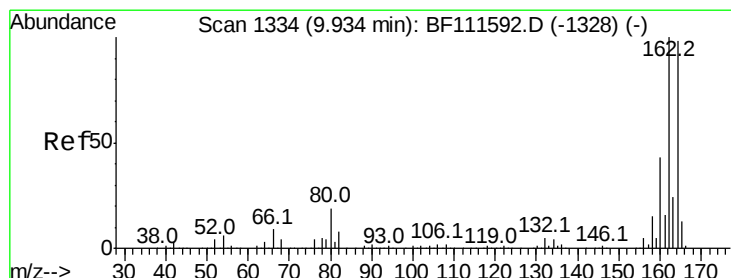
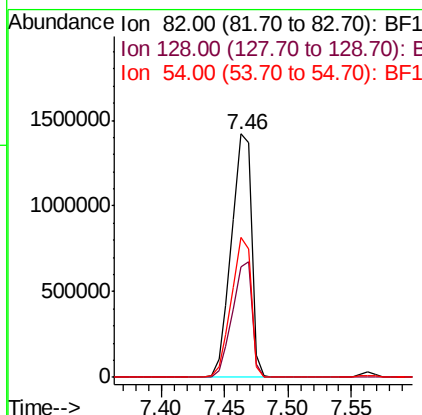
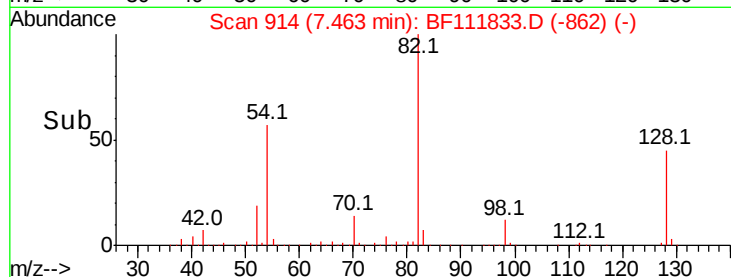
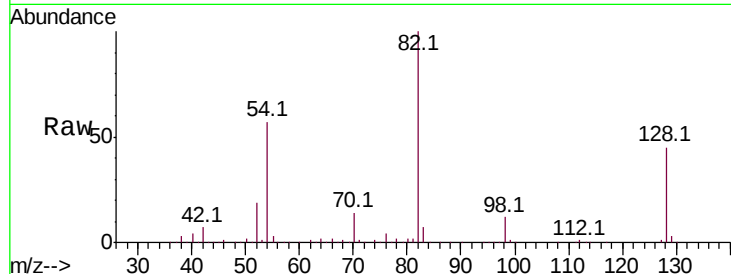




#23
Nitrobenzene-d5
Concen: 92.323 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111833.D
Acq: 3 Jan 2019 20:48

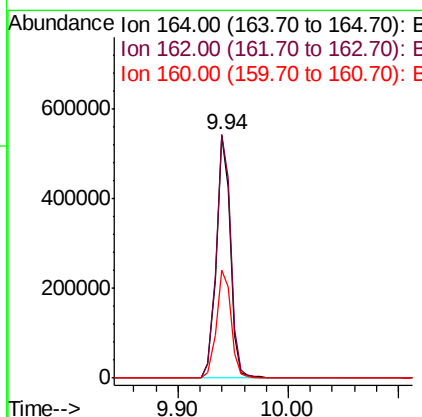
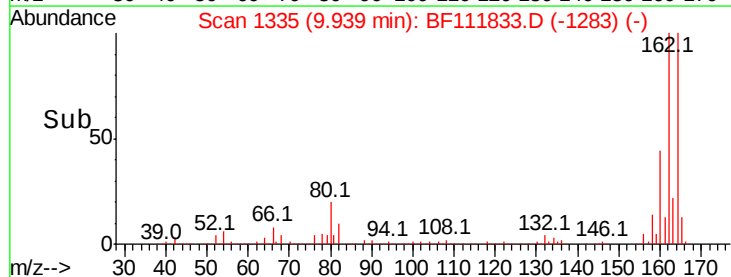
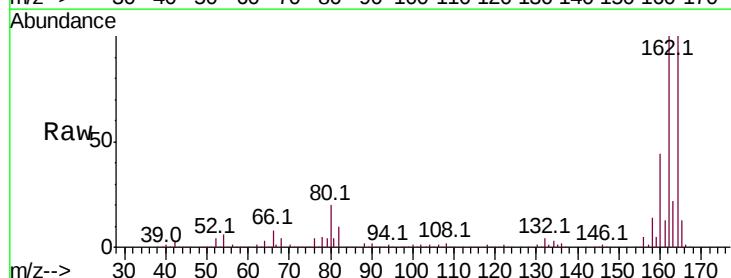
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-D-11-12-B

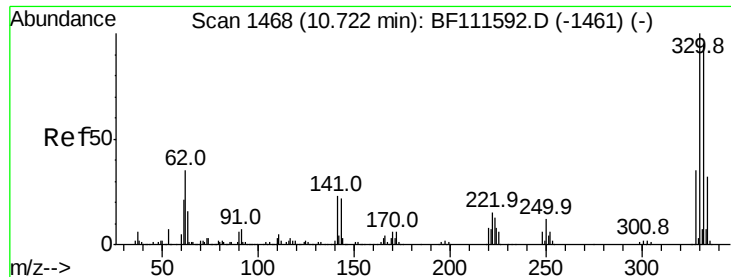
Tot Ion: 82 Resp: 1554957
Ion Ratio Lower Upper
82 100
128 45.2 37.4 56.2
54 57.2 47.6 71.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111833.D
Acq: 3 Jan 2019 20:48

Tgt Ion:164 Resp: 475176
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 44.3 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 121.547 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BF111833.D

Acq: 3 Jan 2019 20:48

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-D-11-12-B

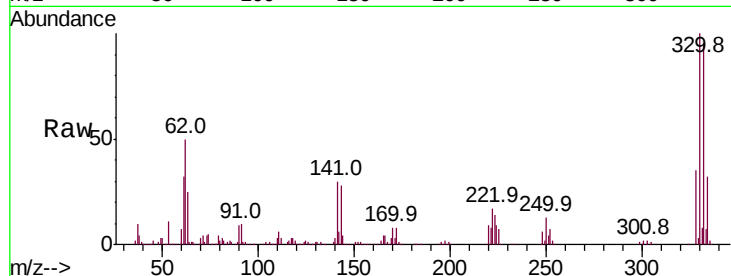
Tot Ion:330 Resp: 682435

Ion Ratio Lower Upper

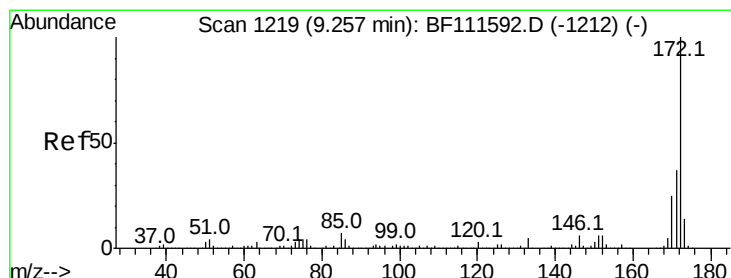
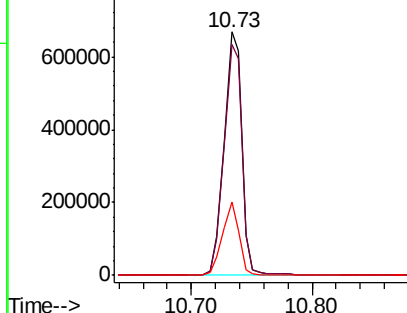
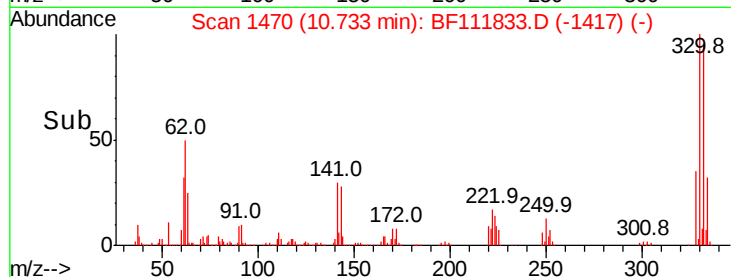
330 100

332 96.7 76.0 114.0

141 28.1 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: 84.531 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.01 min

Lab File: BF111833.D

Acq: 3 Jan 2019 20:48

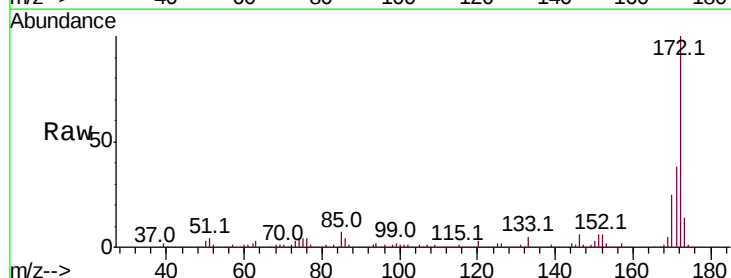
Tgt Ion:172 Resp: 2755741

Ion Ratio Lower Upper

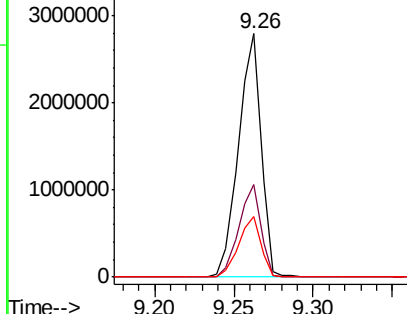
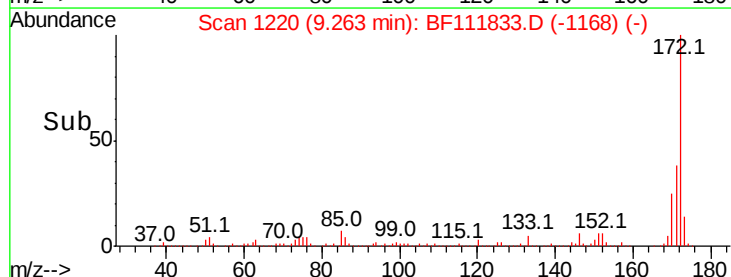
172 100

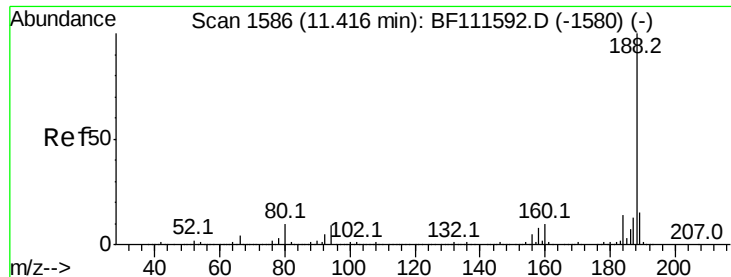
171 37.9 33.0 49.4

170 25.1 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

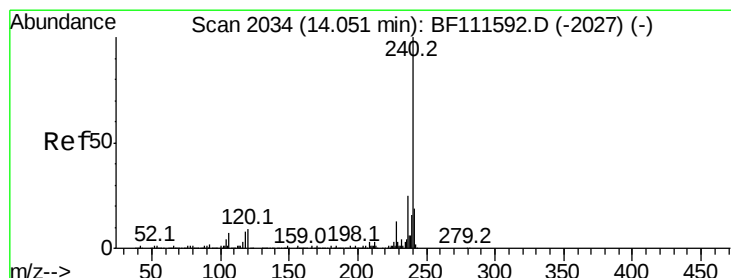
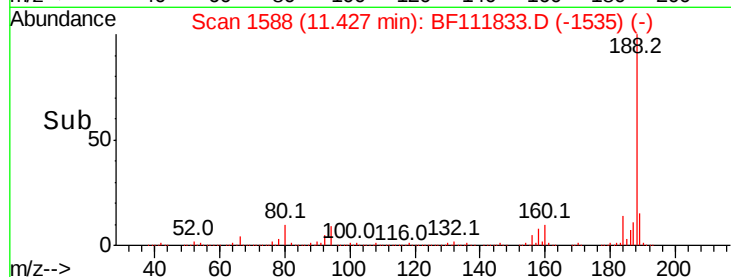
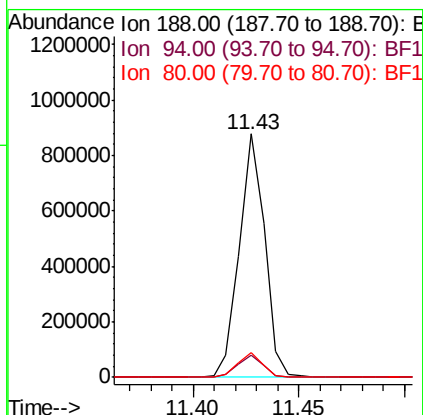
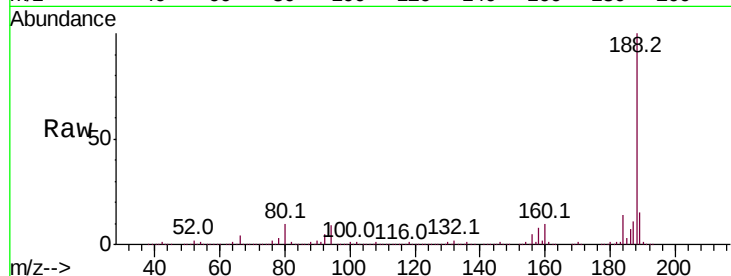




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111833.D
Acq: 3 Jan 2019 20:48

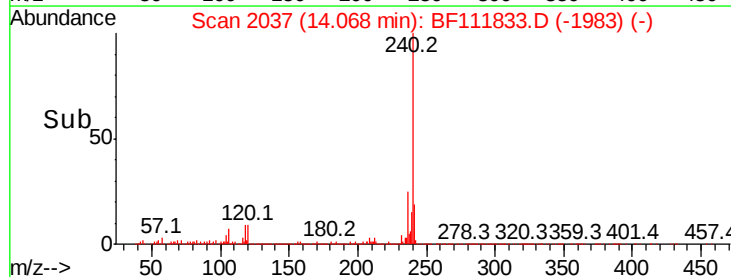
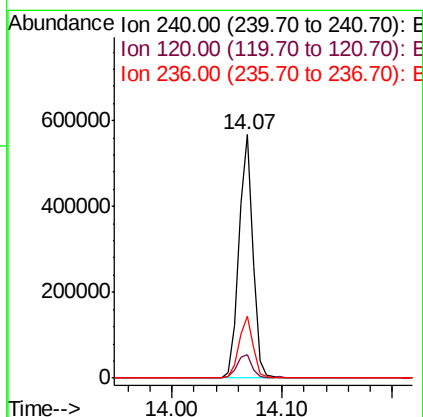
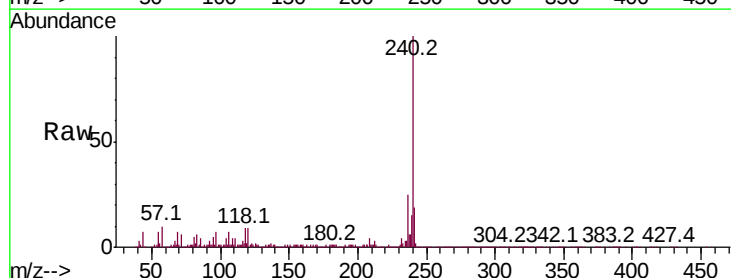
Instrument :
BNA_F
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TEST-PIT-D-11-12-B

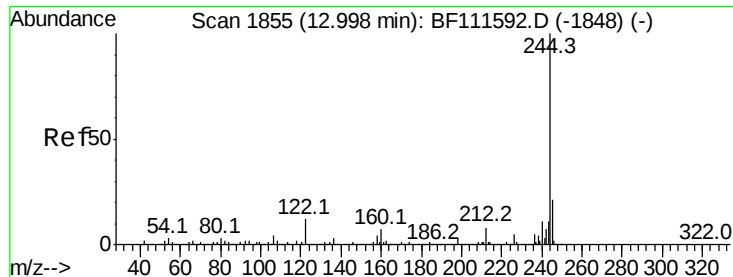
Tot Ion:188 Resp: 731128
Ion Ratio Lower Upper
188 100
94 9.1 9.6 14.4#
80 10.0 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF111833.D
Acq: 3 Jan 2019 20:48

Tgt Ion:240 Resp: 506006
Ion Ratio Lower Upper
240 100
120 9.5 12.2 18.2#
236 25.2 20.2 30.2





#79

Terphenyl-d14

Concen: 83.130 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.02 min

Lab File: BF111833.D

Acq: 3 Jan 2019 20:48

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-D-11-12-B

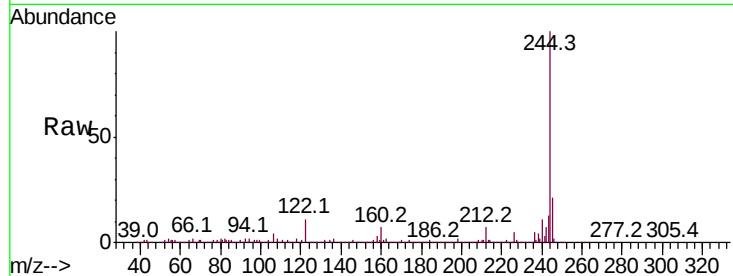
Tot Ion:244 Resp: 2218103

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

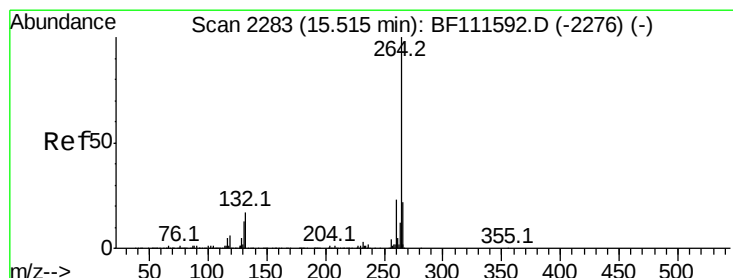
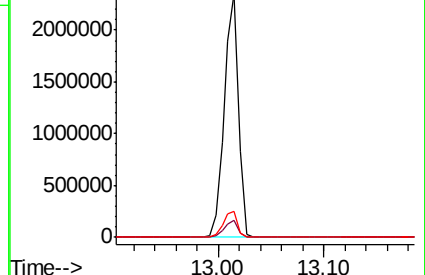
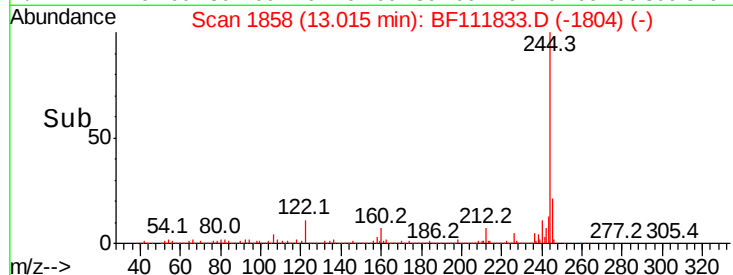
122 10.6 13.1 19.7#



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: 15.56 min Scan# 2290

Delta R.T. 0.04 min

Lab File: BF111833.D

Acq: 3 Jan 2019 20:48

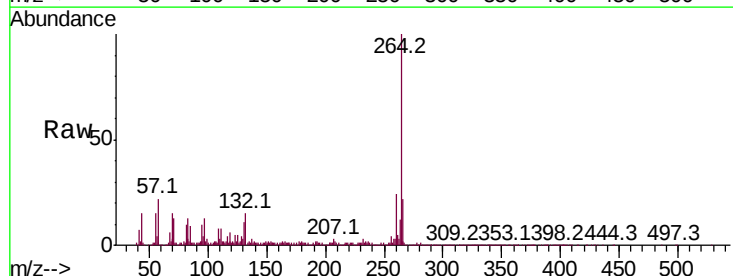
Tgt Ion:264 Resp: 363666

Ion Ratio Lower Upper

264 100

260 23.6 18.3 27.5

265 21.8 17.7 26.5



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

