

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
 Data File : BF111784.D
 Acq On : 28 Dec 2018 8:35
 Operator : JU/SJ
 Sample : J6426-05DL 50X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS002-01DL

Quant Time: Jan 04 06:00:59 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

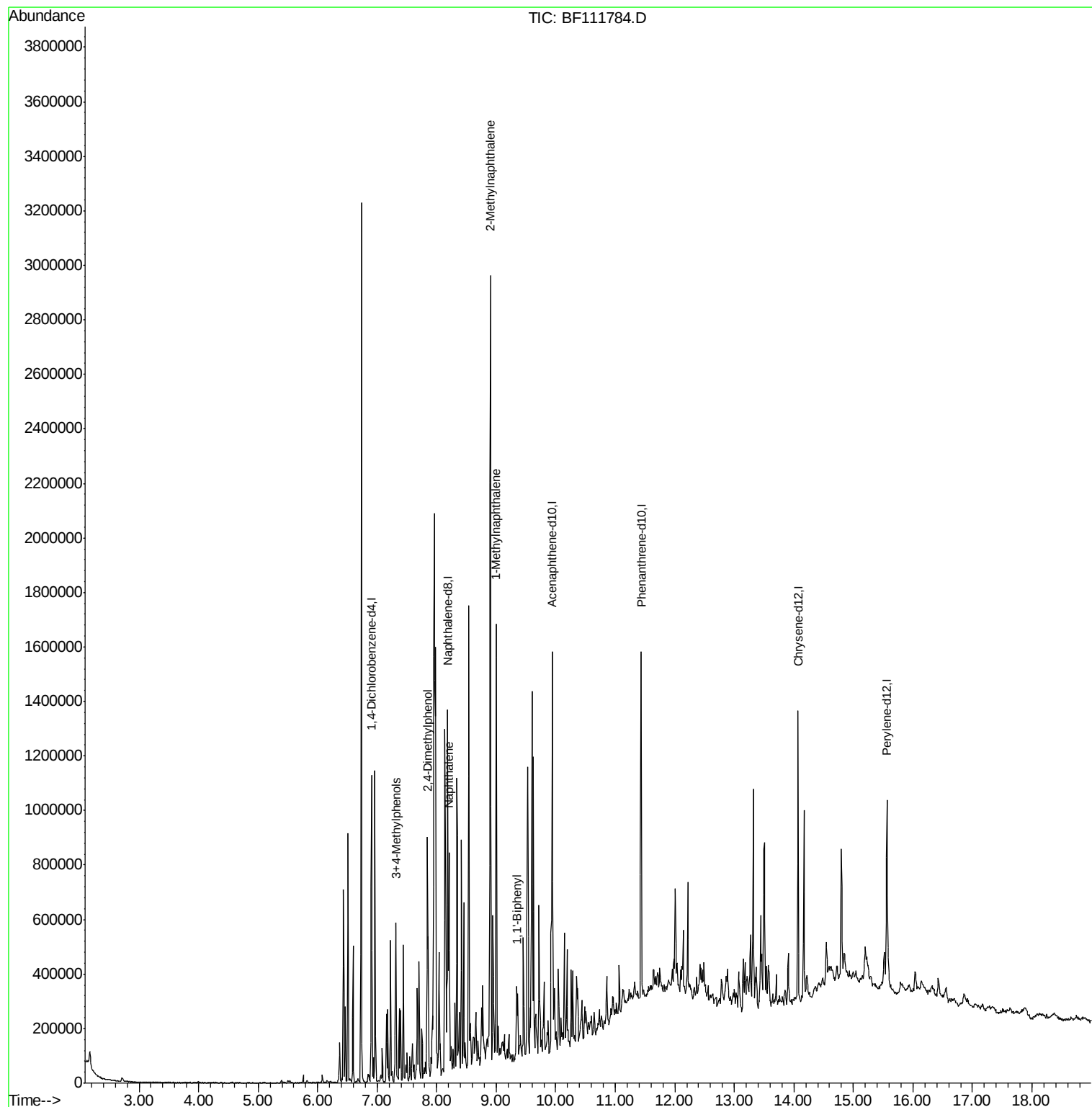
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	146368	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	571968	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	280860	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	487032	20.00	ng	0.02
76) Chrysene-d12	14.07	240	361747	20.00	ng	0.02
87) Perylene-d12	15.56	264	327524	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	2390	0.28	ng	0.02
7) Phenol-d6	6.54	99	3059	0.28	ng	0.02
23) Nitrobenzene-d5	7.46	82	2343	0.24	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	699	0.21	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	4618	0.24	ng	0.00
79) Terphenyl-d14	13.00	244	9979	0.52	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	7.32	107	142439	14.800	ng	Qvalue # 62
27) 2,4-Dimethylphenol	7.84	122	192271	23.351	ng	93
31) Naphthalene	8.21	128	275171	10.013	ng	96
37) 2-Methylnaphthalene	8.90	142	708818	39.643	ng	97
38) 1-Methylnaphthalene	9.00	142	418593	24.376	ng	97
46) 1,1'-Biphenyl	9.36	154	71389	3.011	ng	96

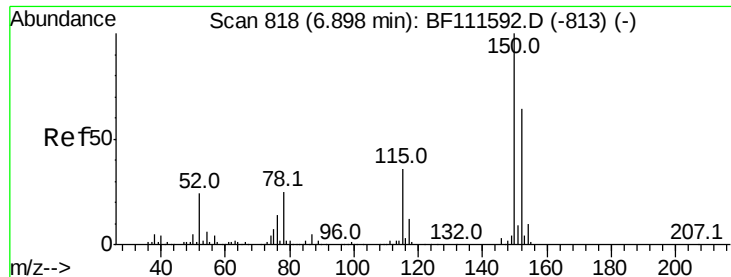
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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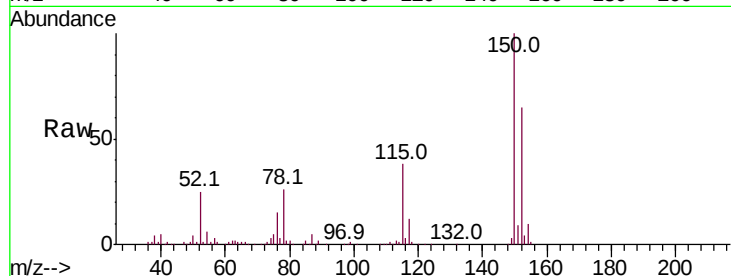


#1

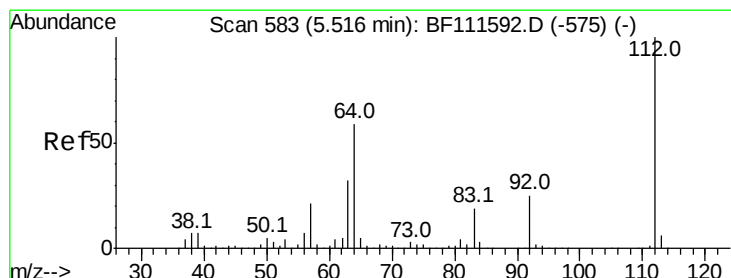
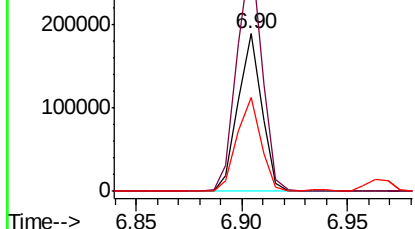
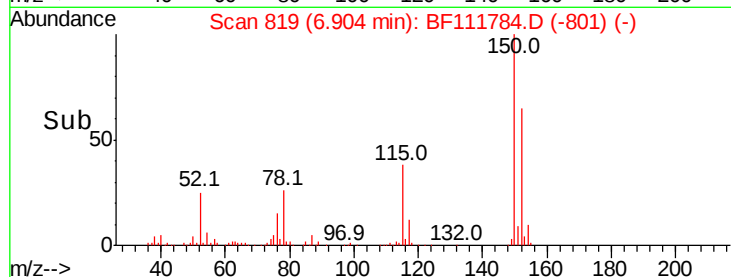
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF111784.D
 Acq: 28 Dec 2018 8:35

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS002-01DL

Tot Ion:152 Resp: 146368
 Ion Ratio Lower Upper
 152 100
 150 154.3 126.6 189.8
 115 59.3 50.7 76.1



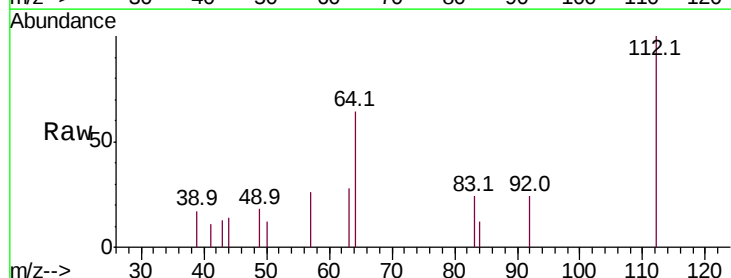
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



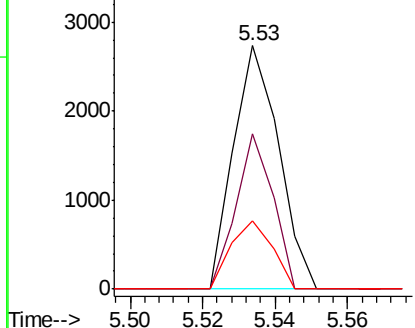
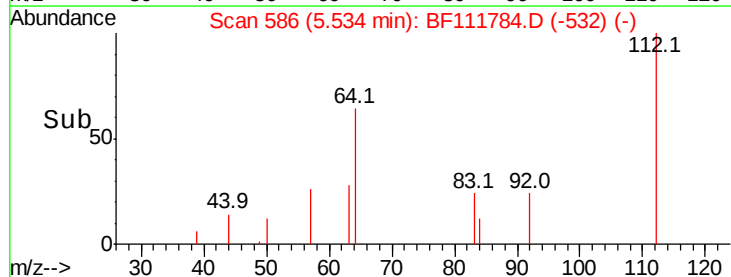
#5

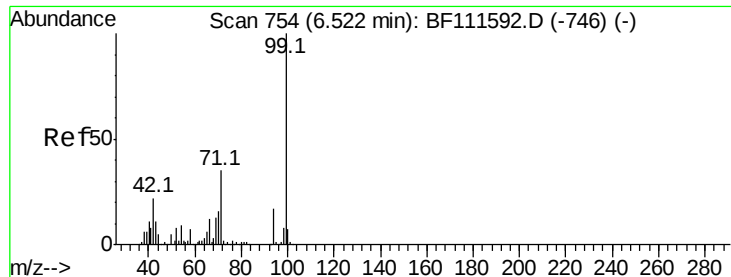
2-Fluorophenol
 Concen: 0.278 ng
 RT: 5.53 min Scan# 586
 Delta R.T. 0.02 min
 Lab File: BF111784.D
 Acq: 28 Dec 2018 8:35

Tgt Ion:112 Resp: 2390
 Ion Ratio Lower Upper
 112 100
 64 63.8 51.8 77.6
 63 28.2 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: 0.280 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111784.D

Acq: 28 Dec 2018 8:35

Instrument :

BNA_F

ClientSampleId :

P001-DS002-01DL

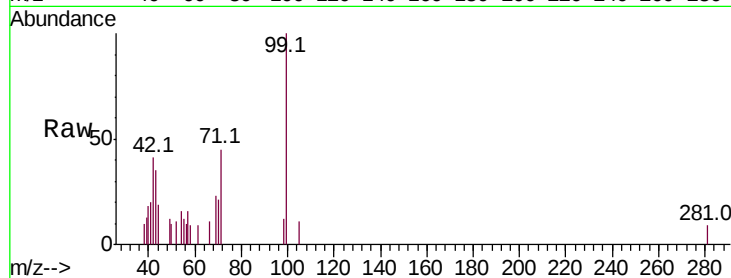
Tot Ion: 99 Resp: 3059

Ion Ratio Lower Upper

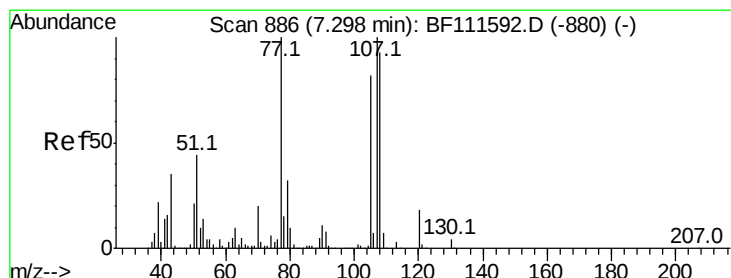
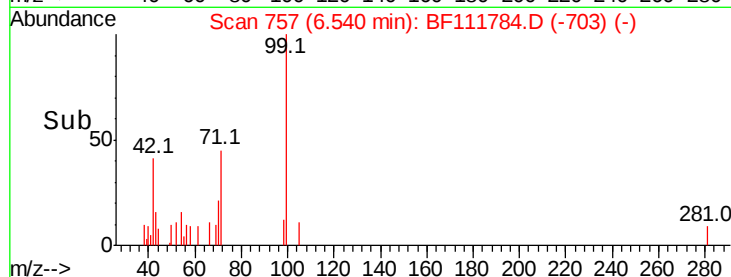
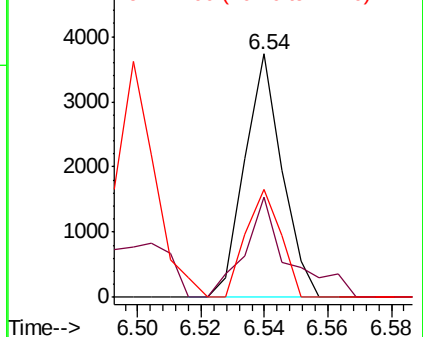
99 100

42 41.2 17.4 26.0#

71 44.5 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



#20

3+4-Methylphenols

Concen: 14.800 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.02 min

Lab File: BF111784.D

Acq: 28 Dec 2018 8:35

Tgt Ion:107 Resp: 142439

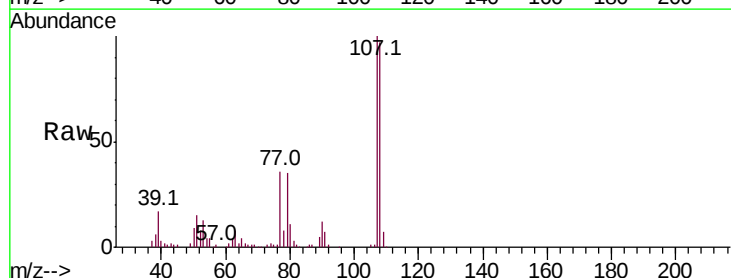
Ion Ratio Lower Upper

107 100

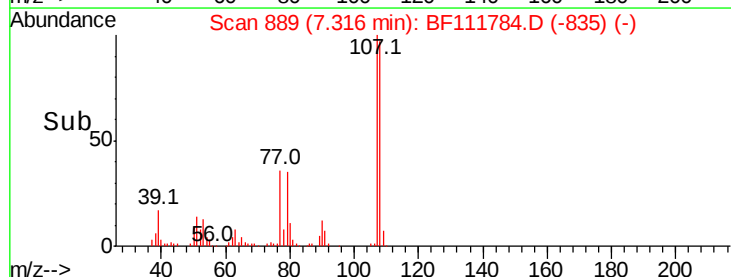
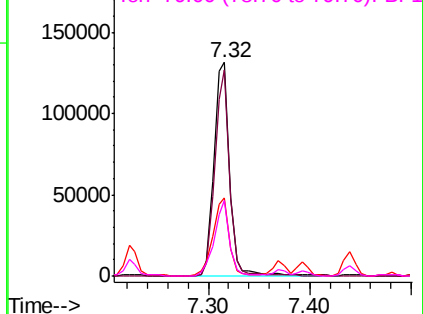
108 96.8 72.1 112.1

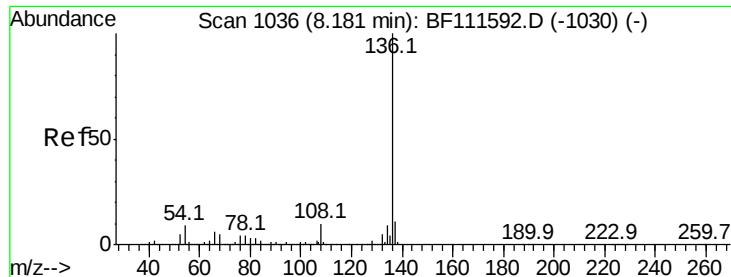
77 36.3 94.1 134.1#

79 35.3 9.8 49.8



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

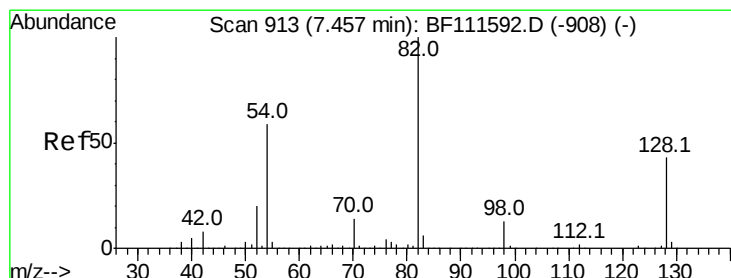
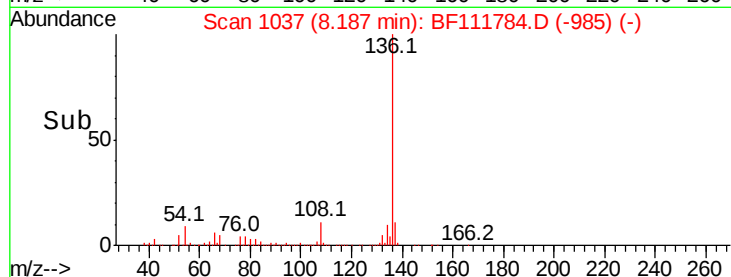
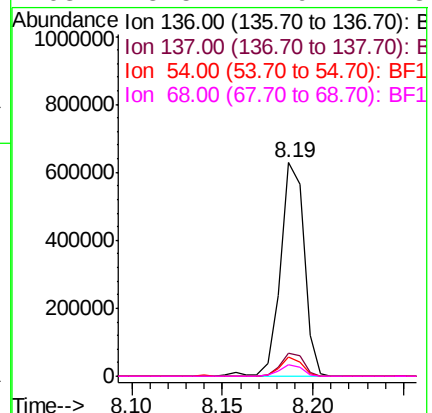
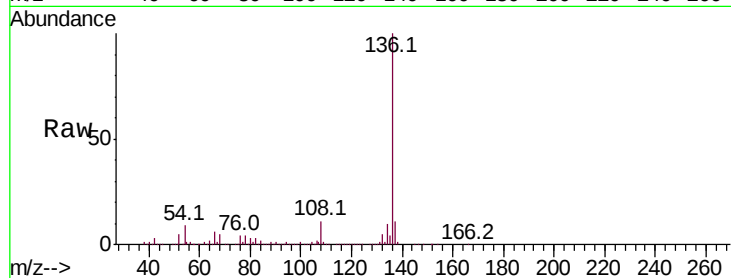




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111784.D
Acq: 28 Dec 2018 8:35

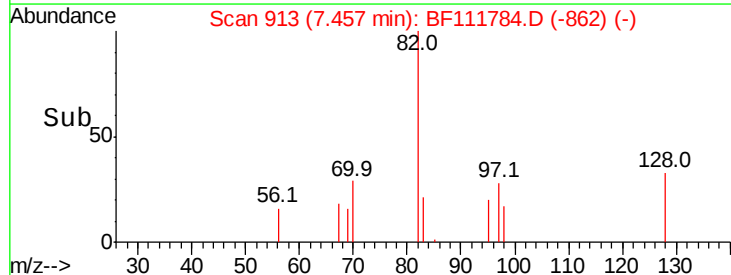
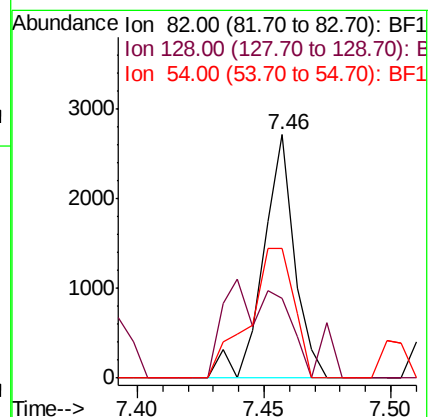
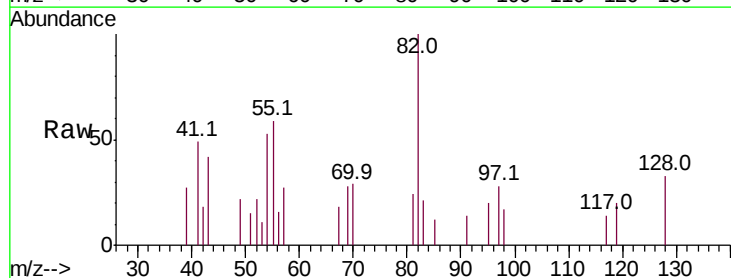
Instrument :
BNA_F
ClientSampleId :
P001-DS002-01DL

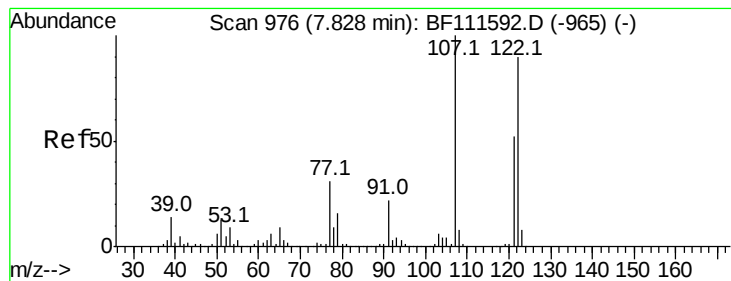
Tot Ion:	136	Resp:	571968
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.2	7.7	11.5
68	5.5	4.9	7.3



#23
Nitrobenzene-d5
Concen: 0.238 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF111784.D
Acq: 28 Dec 2018 8:35

Tgt Ion:	82	Resp:	2343
Ion	Ratio	Lower	Upper
82	100		
128	32.6	37.4	56.2#
54	53.4	47.6	71.4





#27

2,4-Dimethylphenol

Concen: 23.351 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.01 min

Lab File: BF111784.D

Acq: 28 Dec 2018 8:35

Instrument :

BNA_F

ClientSampleId :

P001-DS002-01DL

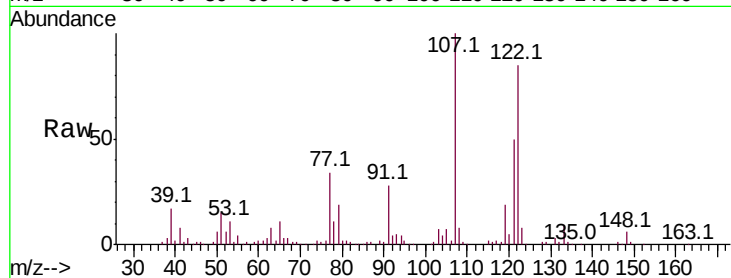
Tot Ion:122 Resp: 192271

Ion Ratio Lower Upper

122 100

107 117.3 85.5 128.3

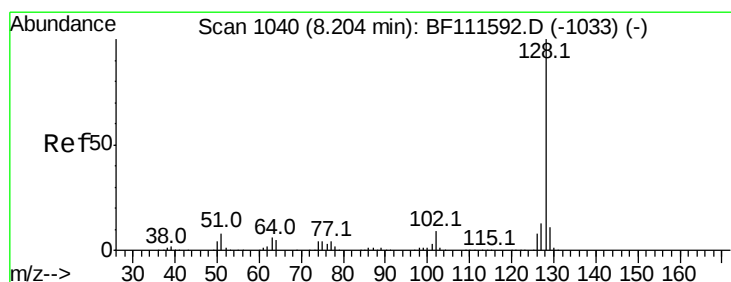
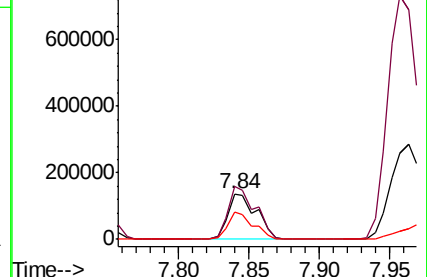
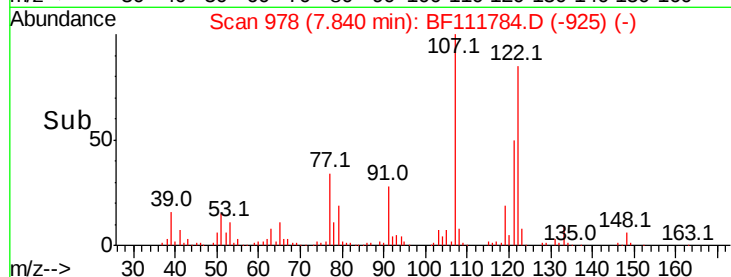
121 58.8 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#31

Naphthalene

Concen: 10.013 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF111784.D

Acq: 28 Dec 2018 8:35

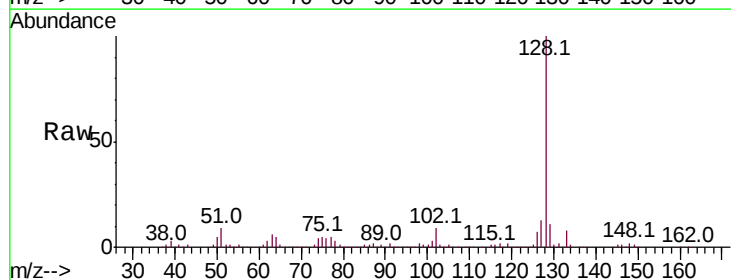
Tgt Ion:128 Resp: 275171

Ion Ratio Lower Upper

128 100

129 11.1 9.8 14.8

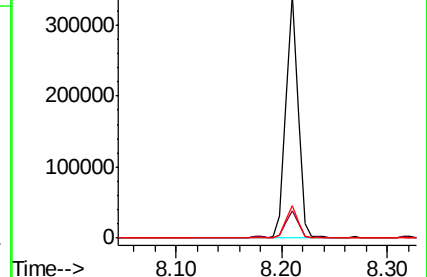
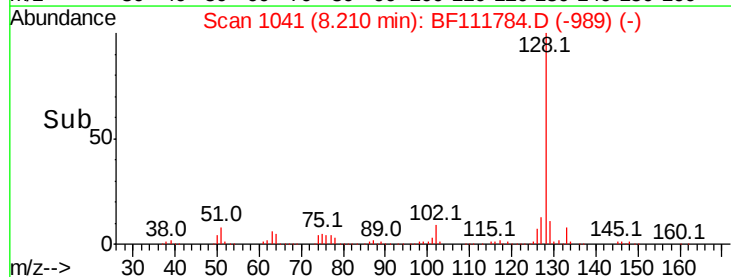
127 13.1 12.0 18.0

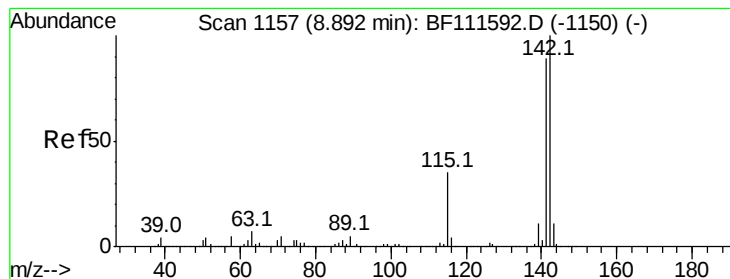


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 39.643 ng

RT: 8.90 min Scan# 1159

Delta R.T. 0.01 min

Lab File: BF111784.D

Acq: 28 Dec 2018 8:35

Instrument :

BNA_F

ClientSampleId :

P001-DS002-01DL

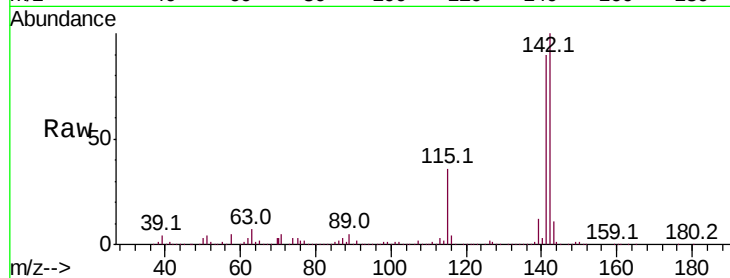
Tot Ion:142 Resp: 708818

Ion Ratio Lower Upper

142 100

141 90.0 70.6 105.8

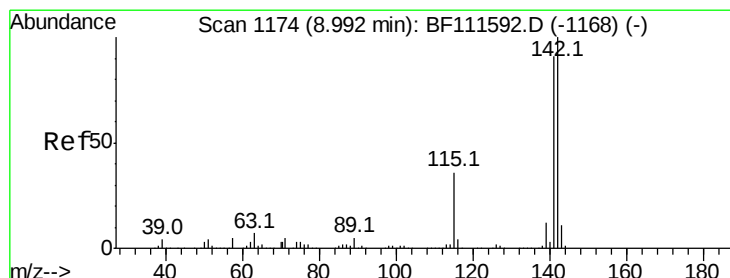
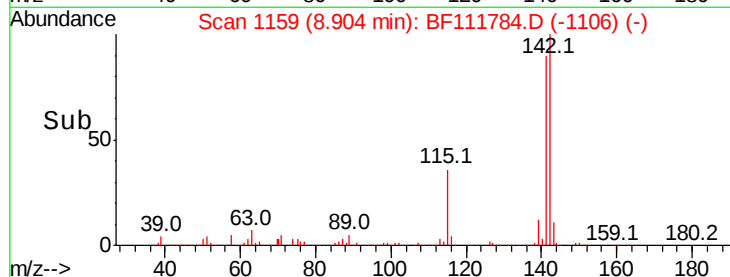
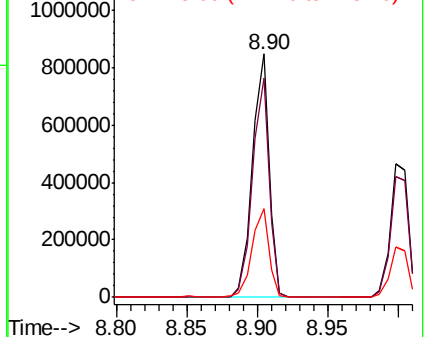
115 36.5 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 24.376 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BF111784.D

Acq: 28 Dec 2018 8:35

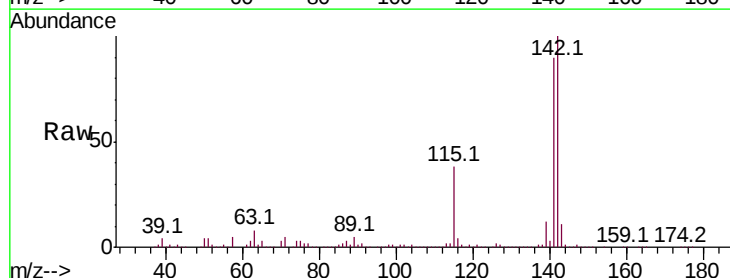
Tgt Ion:142 Resp: 418593

Ion Ratio Lower Upper

142 100

141 89.9 74.2 111.4

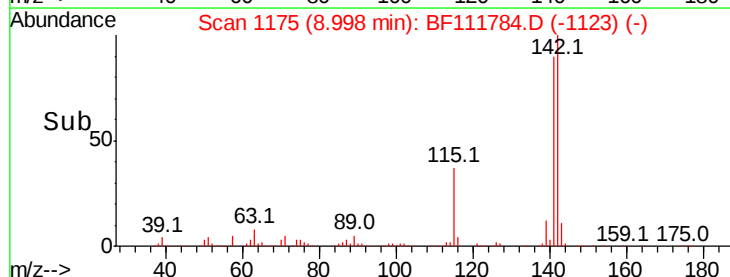
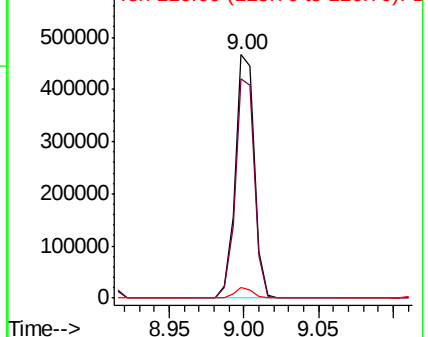
116 4.1 2.9 4.3

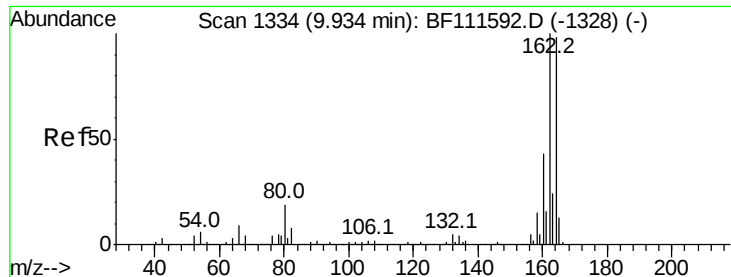


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

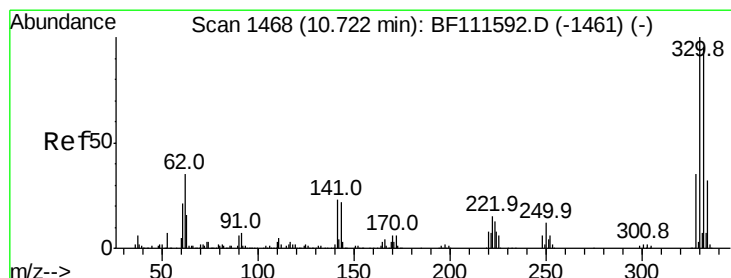
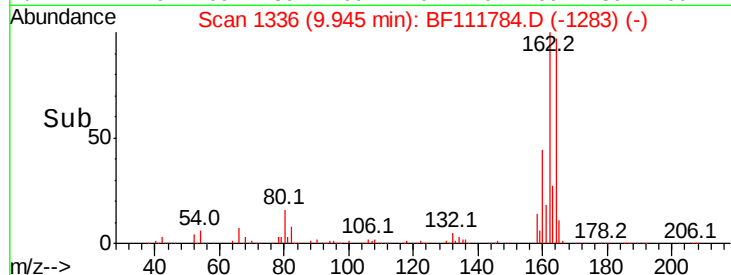
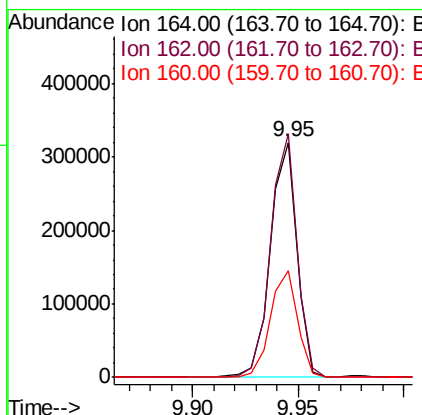
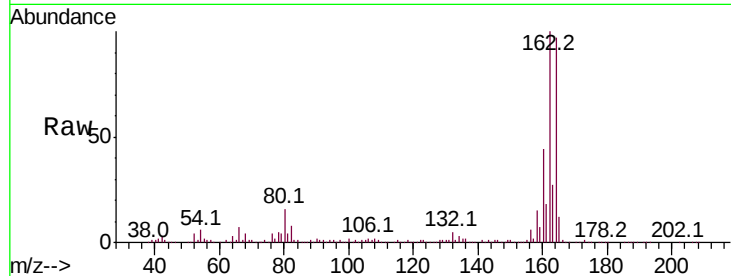




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.01 min
 Lab File: BF111784.D
 Acq: 28 Dec 2018 8:35

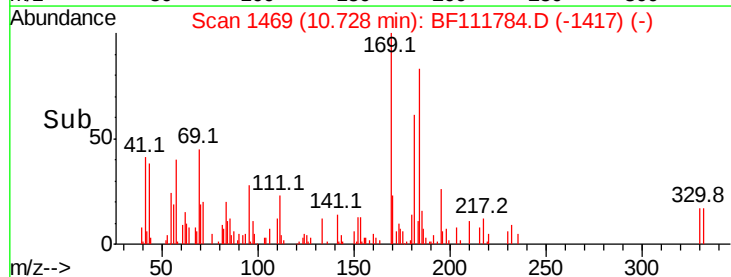
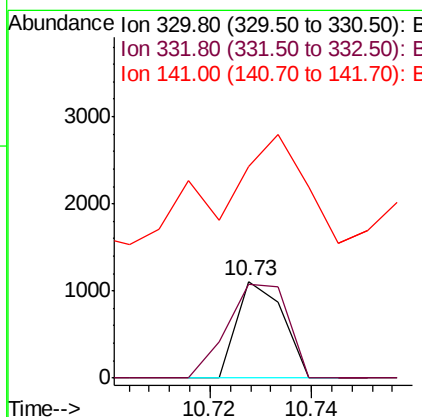
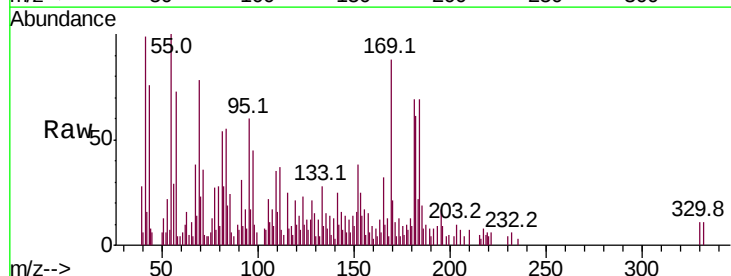
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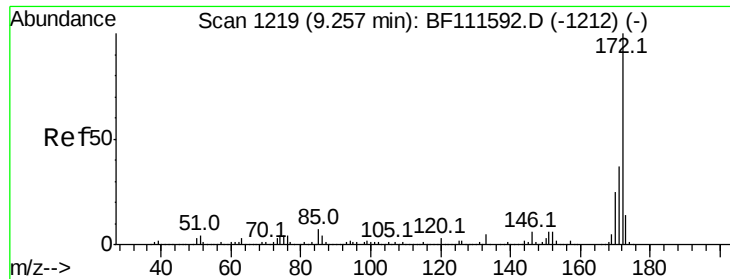
Tot Ion:164 Resp: 280860
 Ion Ratio Lower Upper
 164 100
 162 103.6 81.4 122.0
 160 45.4 35.7 53.5



#42
 2,4,6-Tribromophenol
 Concen: 0.211 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.01 min
 Lab File: BF111784.D
 Acq: 28 Dec 2018 8:35

Tgt Ion:330 Resp: 699
 Ion Ratio Lower Upper
 330 100
 332 128.5 76.0 114.0#
 141 323.6 31.0 46.6#

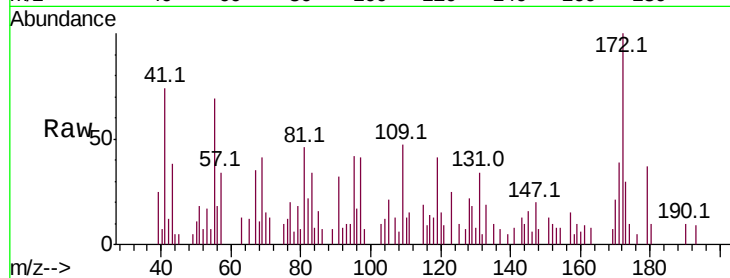




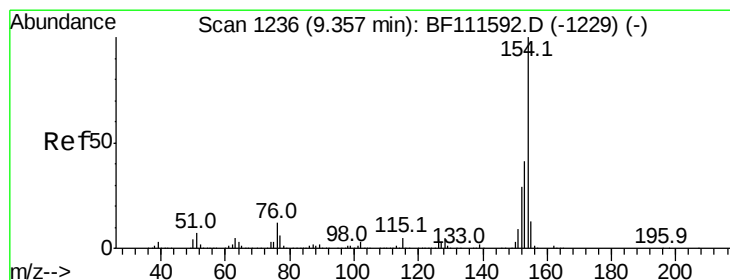
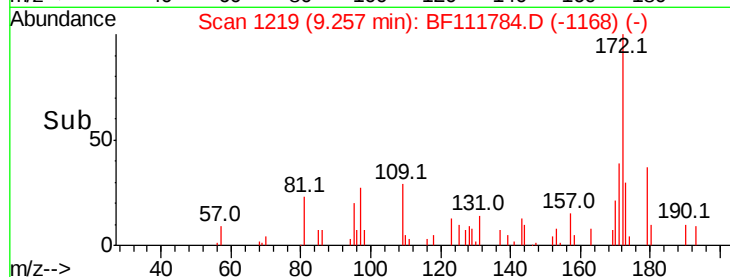
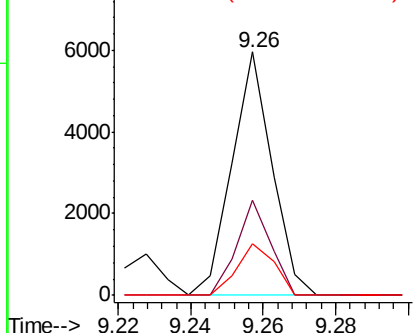
#45
2-Fluorobiphenyl
Concen: 0.240 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF111784.D
Acq: 28 Dec 2018 8:35

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01DL

Tot Ion:172 Resp: 4618
Ion Ratio Lower Upper
172 100
171 39.2 33.0 49.4
170 21.0 22.3 33.5#

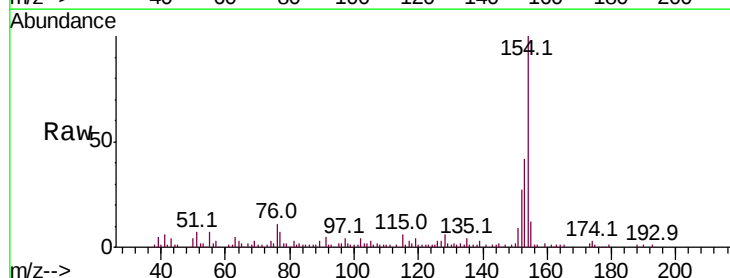


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

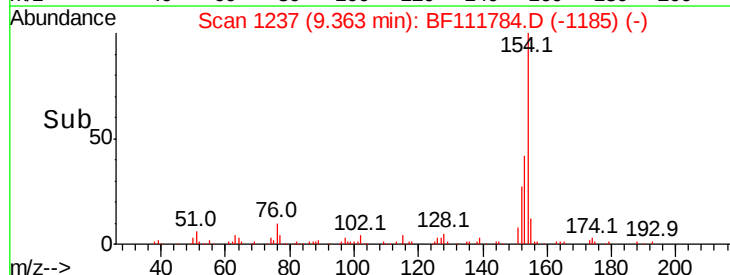
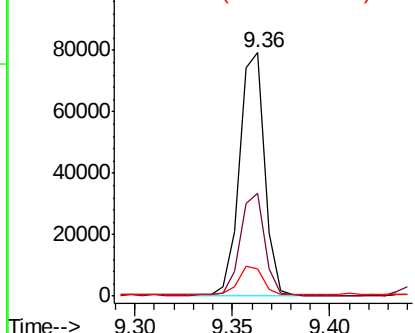


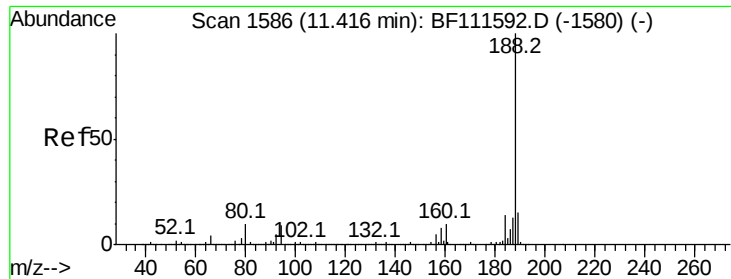
#46
1,1'-Biphenyl
Concen: 3.011 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111784.D
Acq: 28 Dec 2018 8:35

Tgt Ion:154 Resp: 71389
Ion Ratio Lower Upper
154 100
153 42.3 23.7 63.7
76 11.1 0.0 35.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.02 min

Lab File: BF111784.D

Acq: 28 Dec 2018 8:35

Instrument :

BNA_F

ClientSampleId :

P001-DS002-01DL

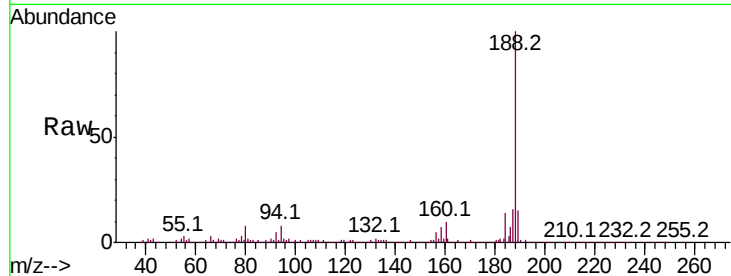
Tot Ion:188 Resp: 487032

Ion Ratio Lower Upper

188 100

94 7.6 9.6 14.4#

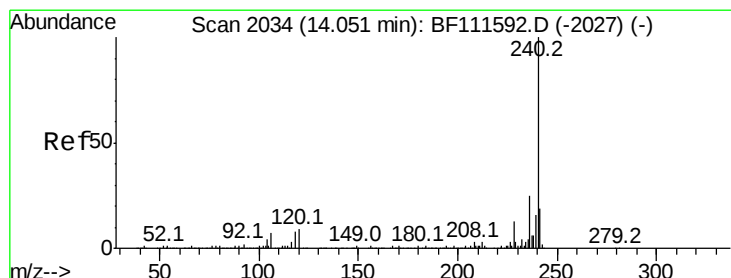
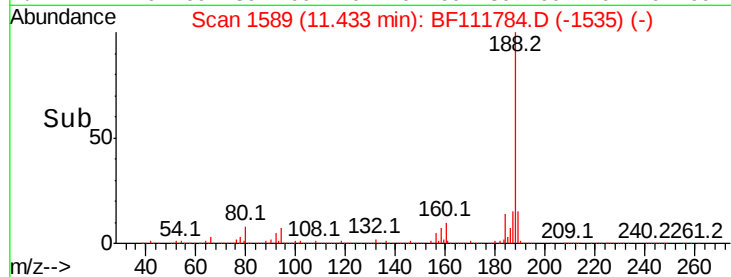
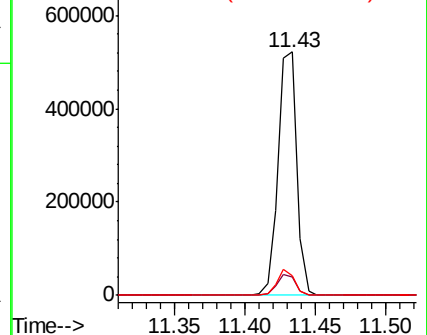
80 8.2 9.8 14.6#



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: BF111784.D

Acq: 28 Dec 2018 8:35

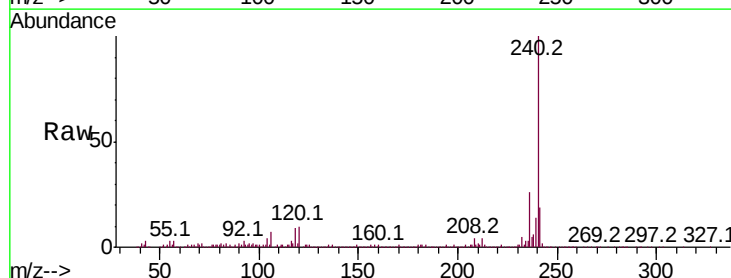
Tgt Ion:240 Resp: 361747

Ion Ratio Lower Upper

240 100

120 10.5 12.2 18.2#

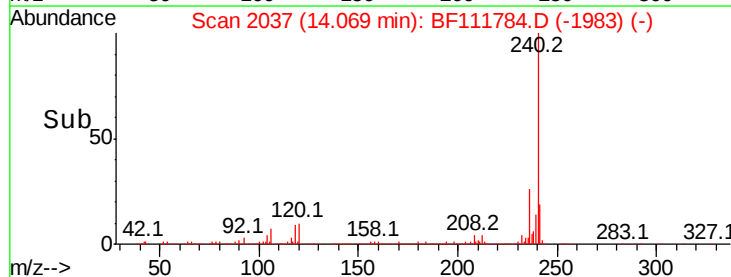
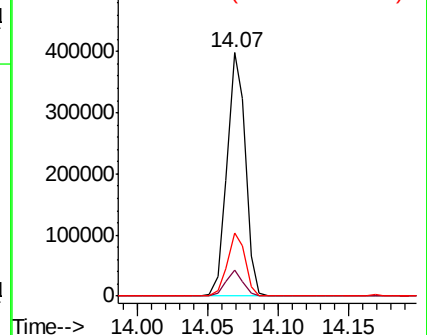
236 26.0 20.2 30.2

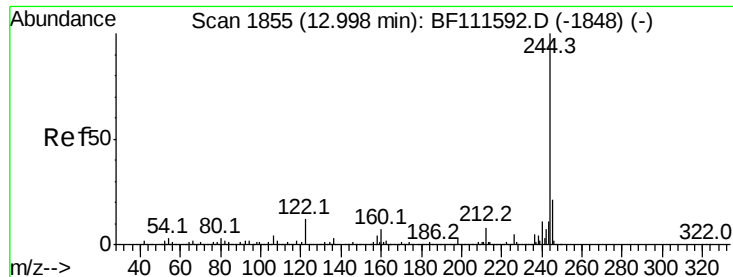


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 0.523 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF111784.D

Acq: 28 Dec 2018 8:35

Instrument :

BNA_F

ClientSampleId :

P001-DS002-01DL

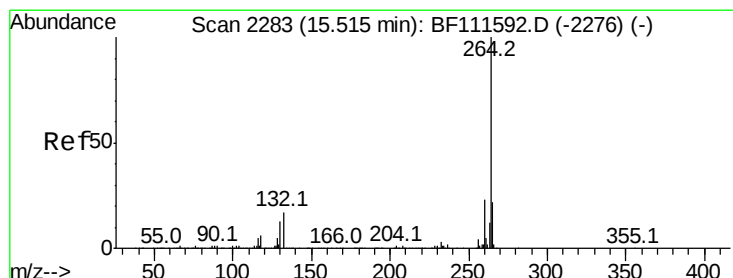
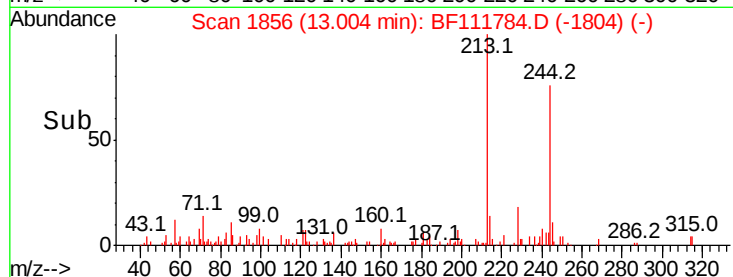
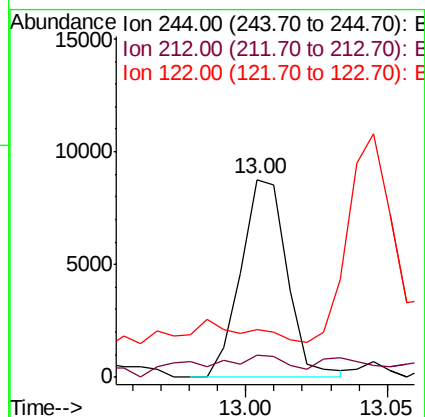
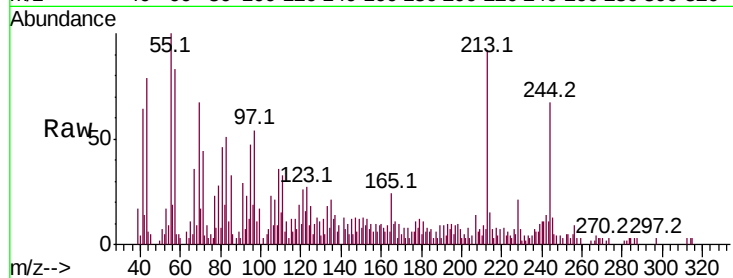
Tot Ion:244 Resp: 9979

Ion Ratio Lower Upper

244 100

212 11.1 5.7 8.5#

122 24.3 13.1 19.7#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. 0.05 min

Lab File: BF111784.D

Acq: 28 Dec 2018 8:35

Tgt Ion:264 Resp: 327524

Ion Ratio Lower Upper

264 100

260 23.2 18.3 27.5

265 20.9 17.7 26.5

