

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111733.D
 Acq On : 27 Dec 2018 00:13
 Operator : JU/SJ
 Sample : J6388-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS009-1218-01

Quant Time: Dec 27 03:55:40 2018
 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

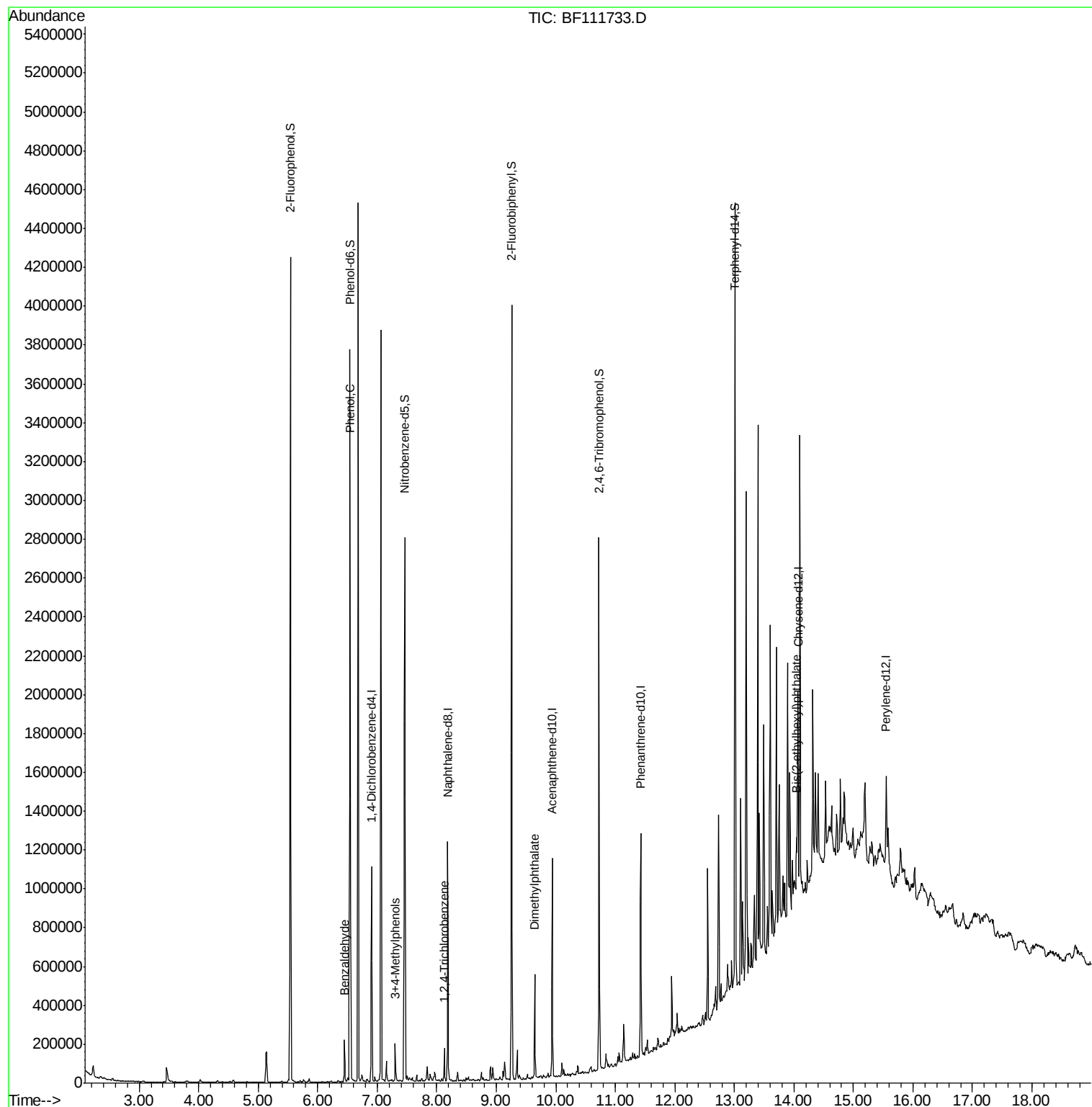
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	141302	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	477287	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	211372	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	376317	20.00	ng	0.01
76) Chrysene-d12	14.07	240	317303	20.00	ng	0.02
87) Perylene-d12	15.55	264	241663	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1082237	130.55	ng	0.03
7) Phenol-d6	6.55	99	1350781	128.04	ng	0.02
23) Nitrobenzene-d5	7.46	82	843956	102.92	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	333068	133.36	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	1302008	89.78	ng	0.00
79) Terphenyl-d14	13.01	244	1217542	72.77	ng	0.01
Target Compounds						
9) Benzaldehyde	6.45	77	36194	4.988	ng	100
10) Phenol	6.56	94	110581	9.290	ng	99
20) 3+4-Methylphenols	7.30	107	43820	4.716	ng	# 57
30) 1,2,4-Trichlorobenzene	8.13	180	25732	3.125	ng	92
50) Dimethylphthalate	9.65	163	206165	13.338	ng	97
84) Bis(2-ethylhexyl)phthalate	14.04	149	23215	2.018	ng	# 93

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

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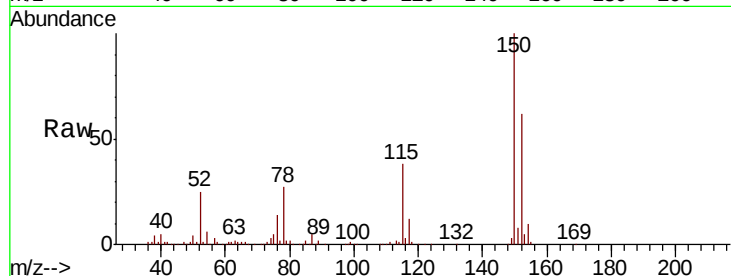


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111733.D
Acq: 27 Dec 2018 00:13

Instrument :
BNA_F
ClientSampleId :
P001-SS009-1218-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	126.6	189.8
115	60.8	50.7	76.1

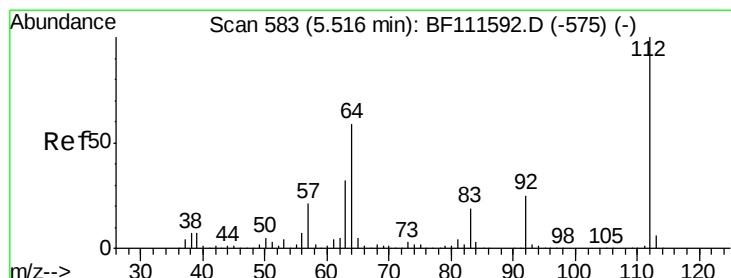
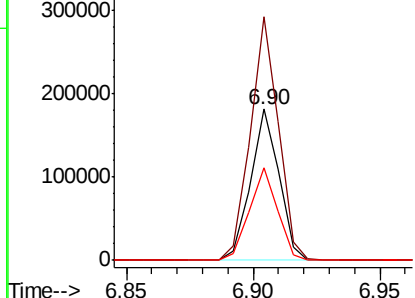
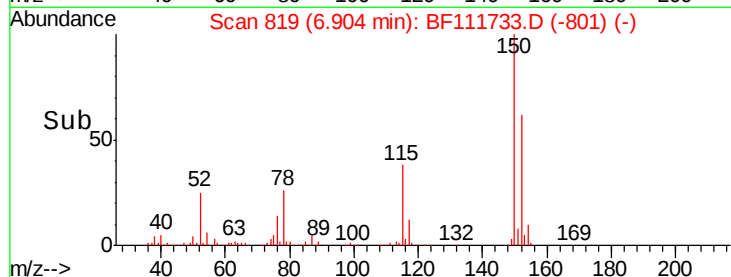


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

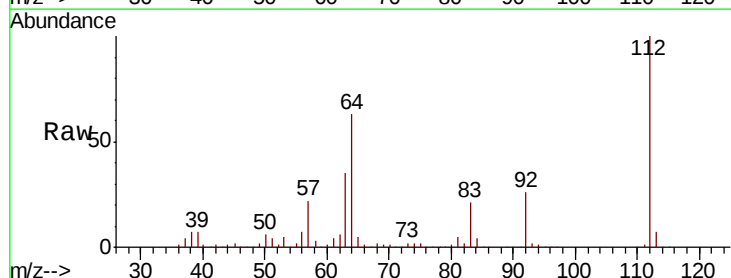
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 130.551 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.03 min
Lab File: BF111733.D
Acq: 27 Dec 2018 00:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.8	51.8	77.6
63	34.9	26.8	40.2

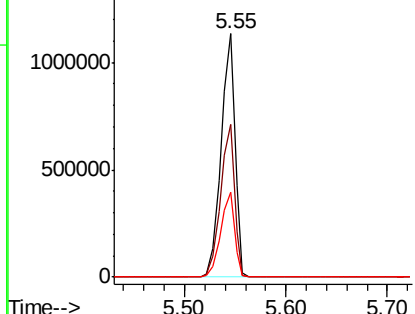
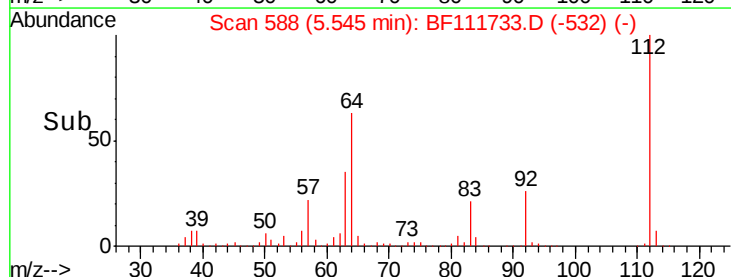


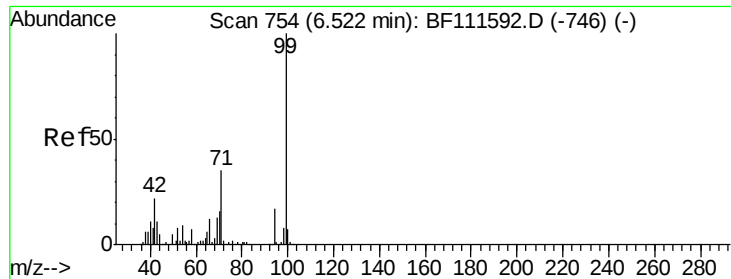
Abundance

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: 128.036 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF111733.D

Acq: 27 Dec 2018 00:13

Instrument :

BNA_F

ClientSampleId :

P001-SS009-1218-01

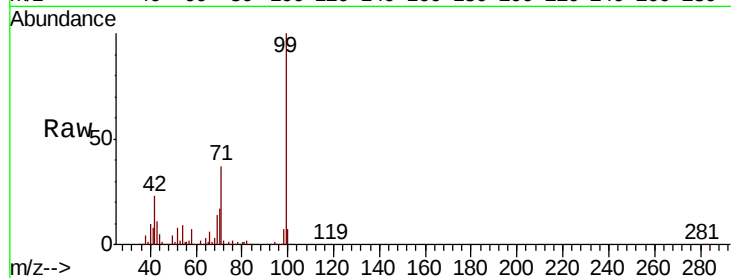
Tot Ion: 99 Resp: 1350781

Ion Ratio Lower Upper

99 100

42 23.0 17.4 26.0

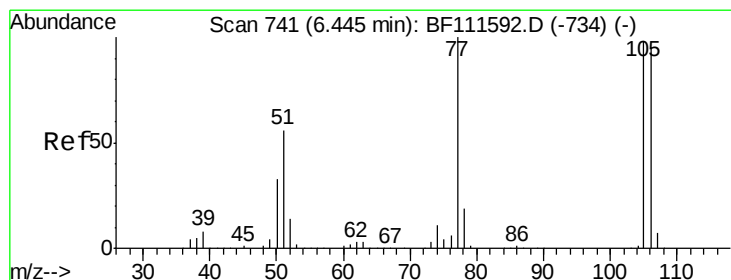
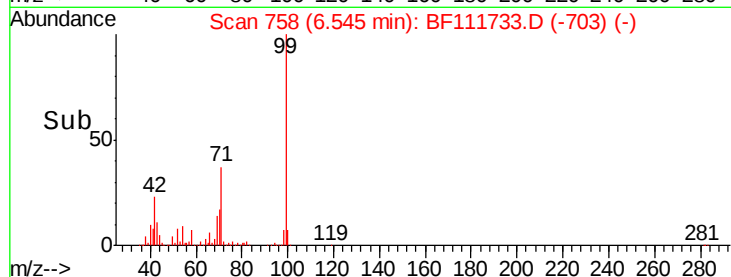
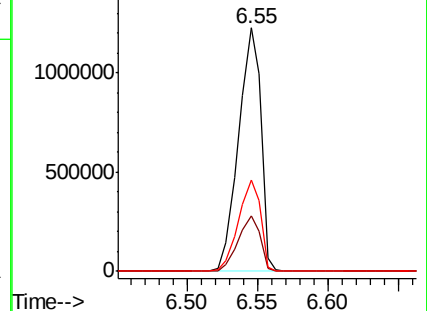
71 37.5 26.1 39.1



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



#9

Benzaldehyde

Concen: 4.988 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111733.D

Acq: 27 Dec 2018 00:13

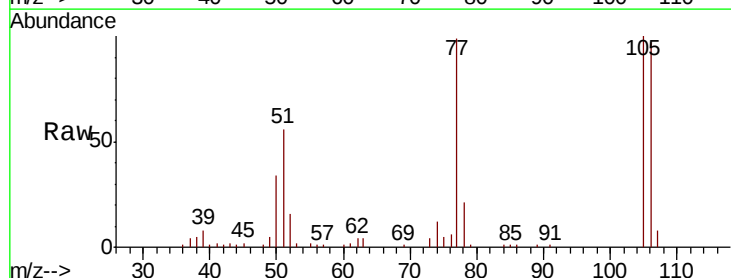
Tgt Ion: 77 Resp: 36194

Ion Ratio Lower Upper

77 100

105 101.0 81.4 121.4

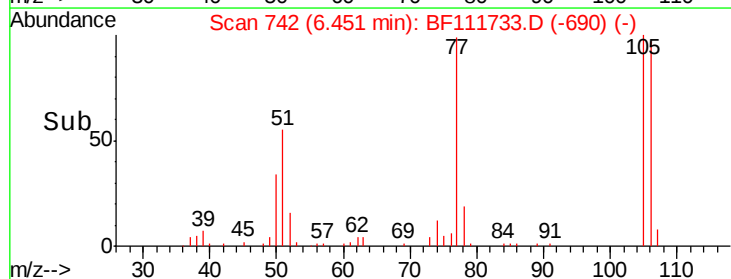
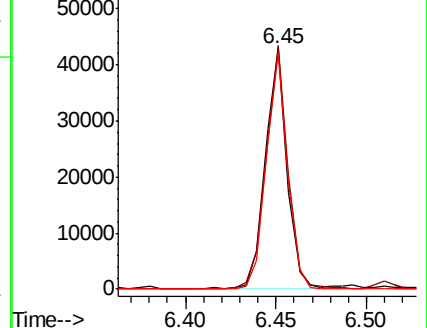
106 97.8 77.9 117.9

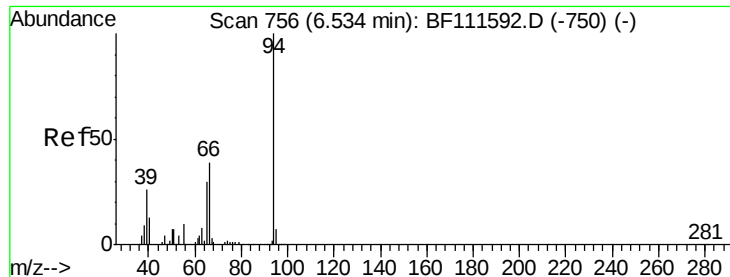


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 9.290 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.02 min

Lab File: BF111733.D

Acq: 27 Dec 2018 00:13

Instrument :

BNA_F

ClientSampleId :

P001-SS009-1218-01

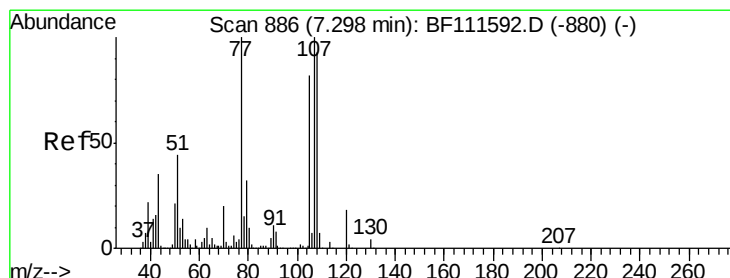
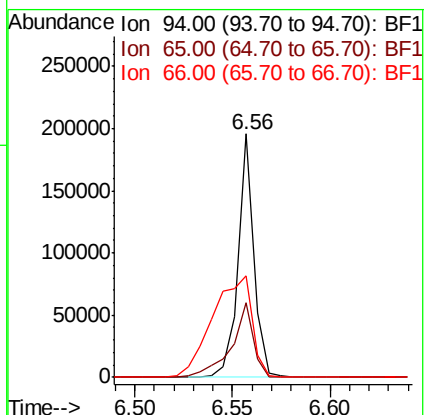
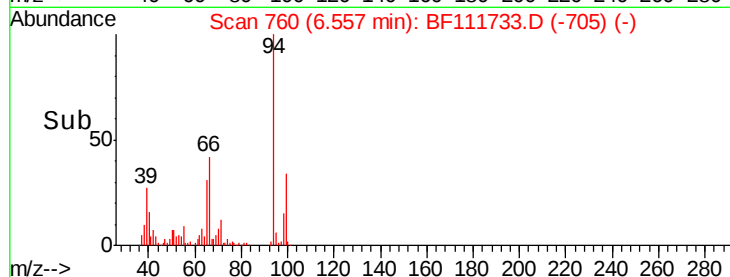
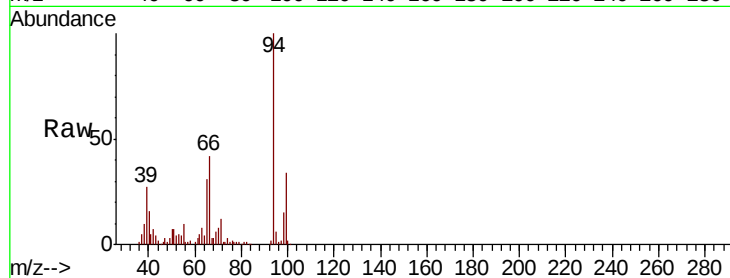
Tot Ion: 94 Resp: 110581

Ion Ratio Lower Upper

94 100

65 30.6 11.7 51.7

66 41.5 21.0 61.0



#20

3+4-Methylphenols

Concen: 4.716 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF111733.D

Acq: 27 Dec 2018 00:13

Tgt Ion: 107 Resp: 43820

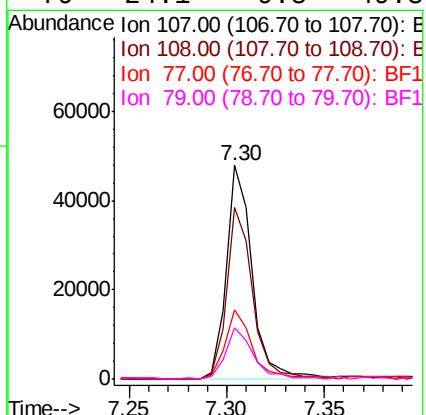
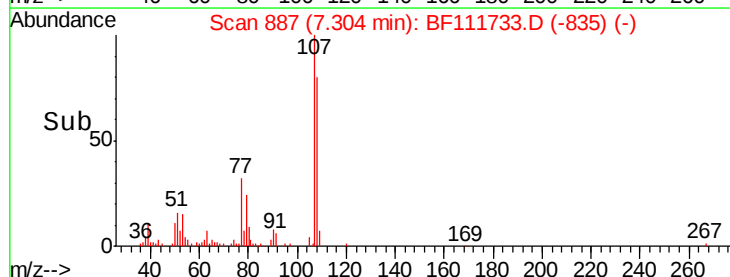
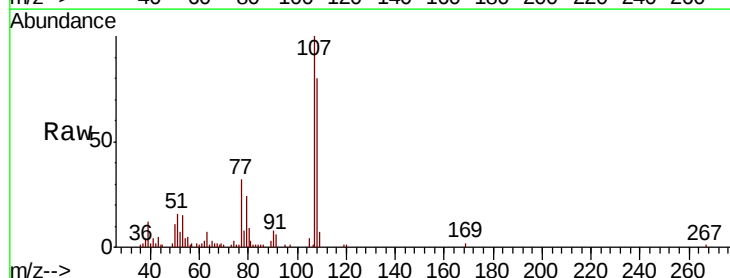
Ion Ratio Lower Upper

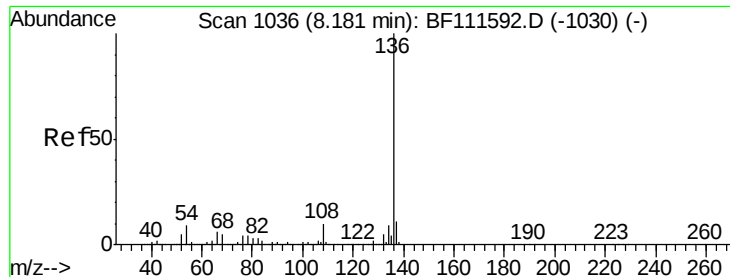
107 100

108 80.5 72.1 112.1

77 32.3 94.1 134.1#

79 24.1 9.8 49.8

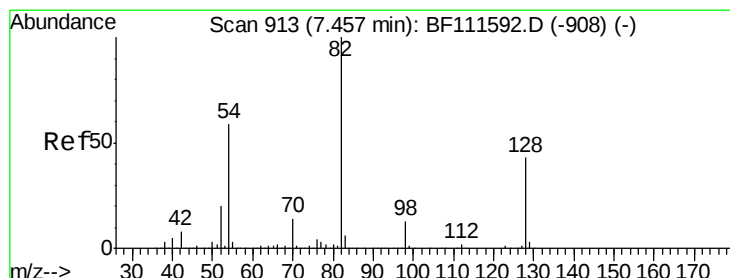
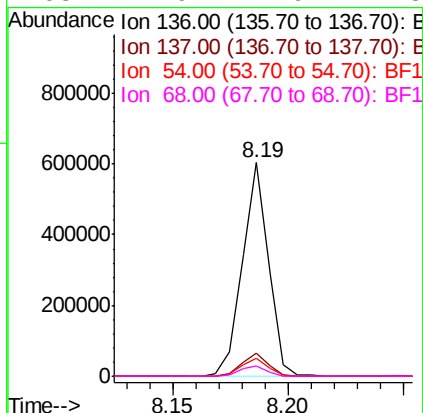
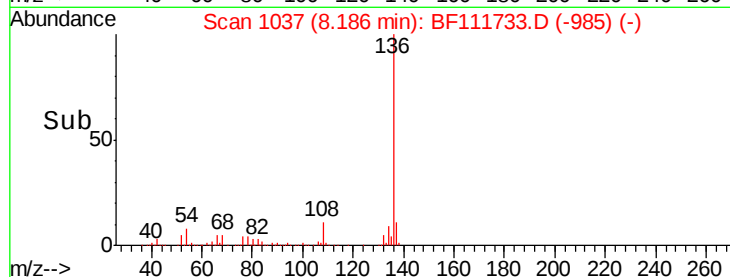
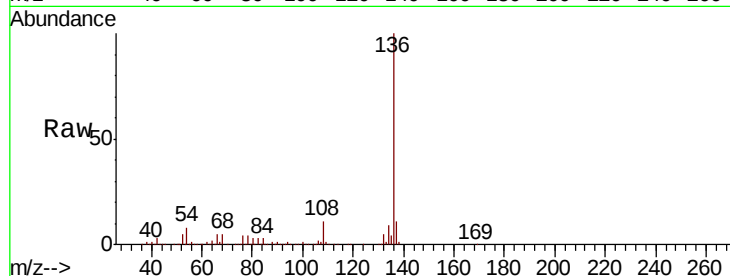




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111733.D
Acq: 27 Dec 2018 00:13

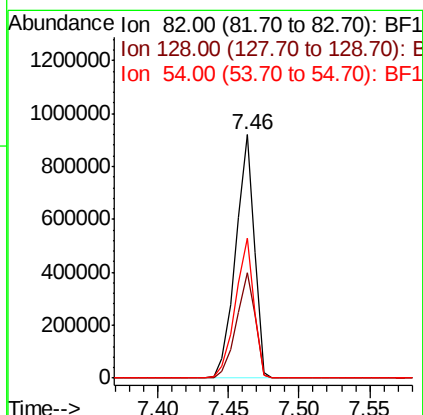
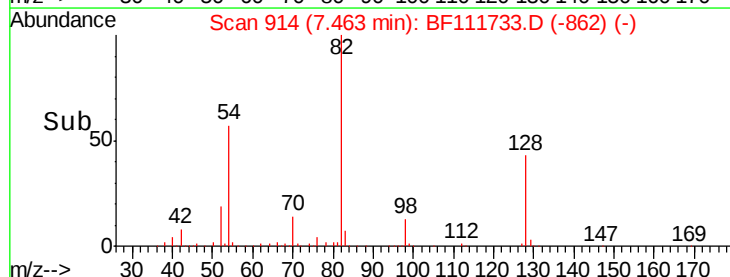
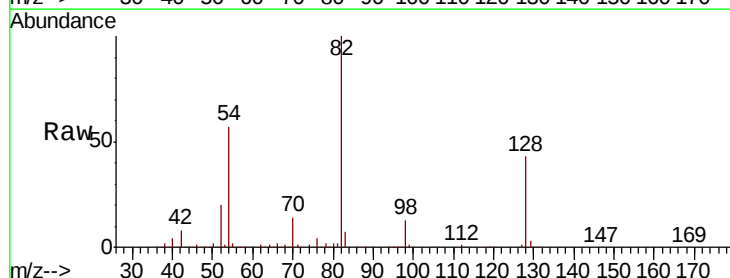
Instrument :
BNA_F
ClientSampleId :
P001-SS009-1218-01

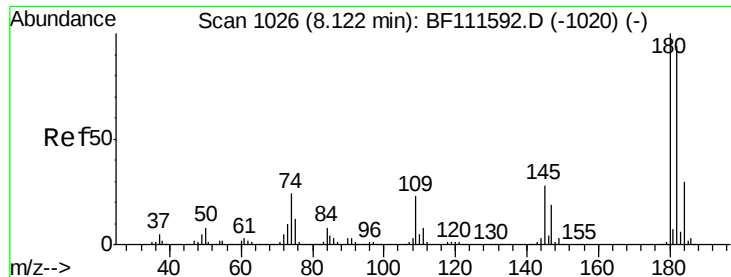
Tot Ion:136	Resp:	477287	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	9.1	13.7	
54 8.3	7.7	11.5	
68 4.9	4.9	7.3	



#23
Nitrobenzene-d5
Concen: 102.925 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111733.D
Acq: 27 Dec 2018 00:13

Tgt	Ion: 82	Resp:	843956
Ion	Ratio	Lower	Upper
82	100		
128	43.3	37.4	56.2
54	57.5	47.6	71.4

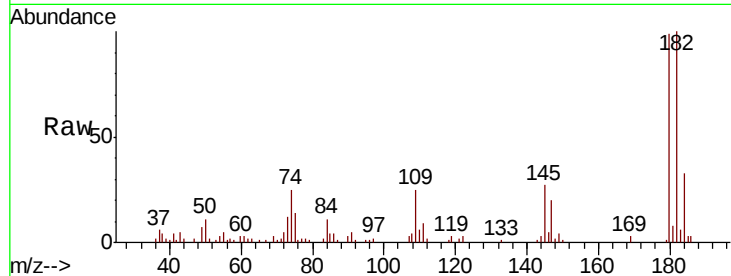




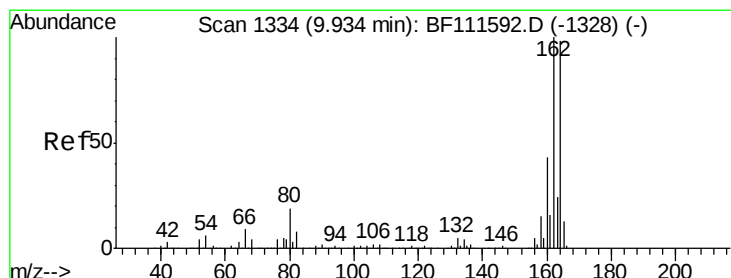
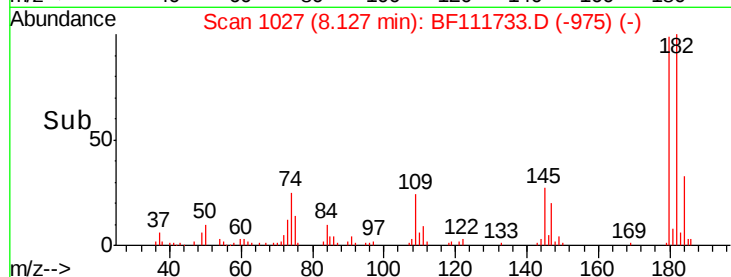
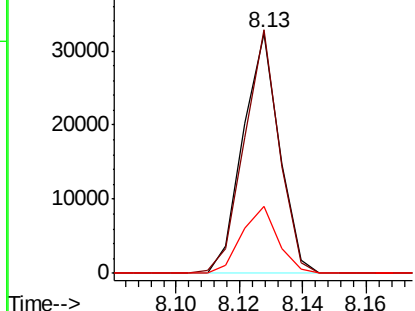
#30
 1,2,4-Trichlorobenzene
 Concen: 3.125 ng
 RT: 8.13 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BF111733.D
 Acq: 27 Dec 2018 00:13

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS009-1218-01

Tot Ion:180 Resp: 25732
 Ion Ratio Lower Upper
 180 100
 182 101.4 75.6 113.4
 145 27.7 26.7 40.1

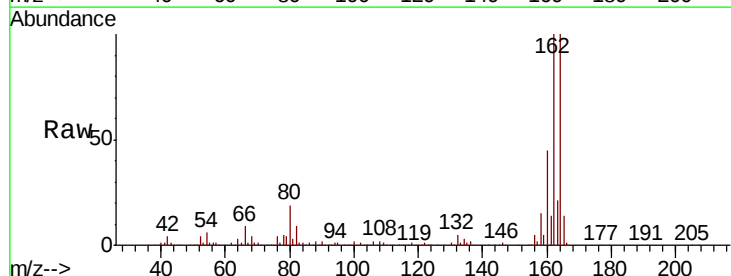


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

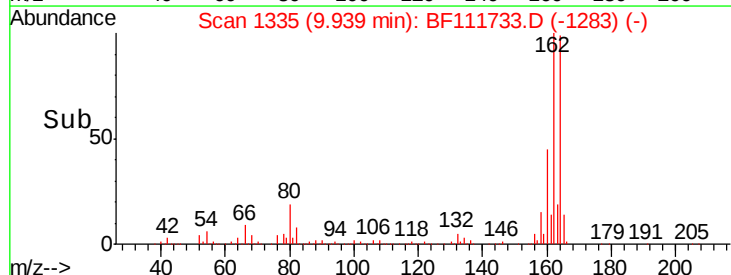
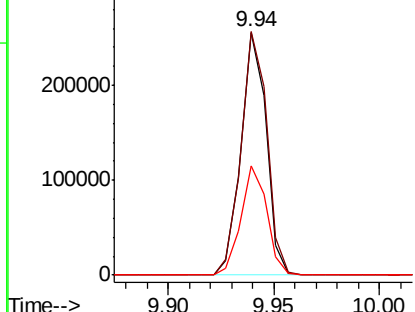


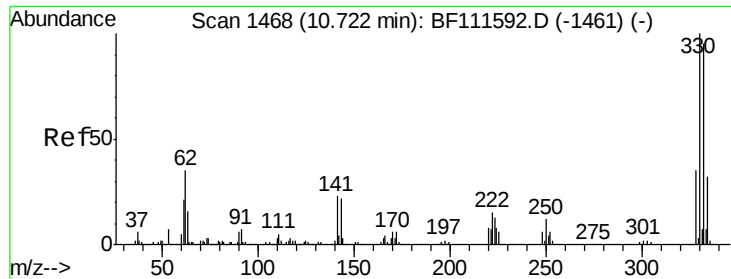
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF111733.D
 Acq: 27 Dec 2018 00:13

Tgt Ion:164 Resp: 211372
 Ion Ratio Lower Upper
 164 100
 162 100.3 81.4 122.0
 160 45.0 35.7 53.5



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

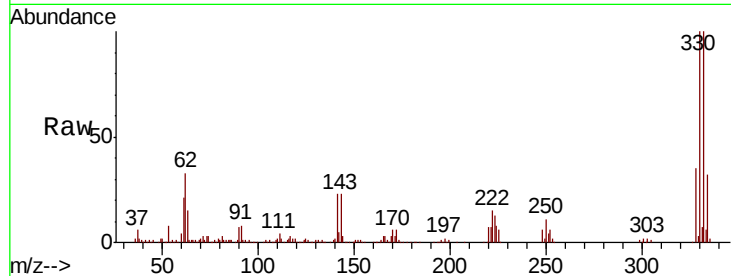




#42
 2,4,6-Tribromophenol
 Concen: 133.359 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BF111733.D
 Acq: 27 Dec 2018 00:13

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS009-1218-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.0	114.0
141	31.3	31.0	46.6

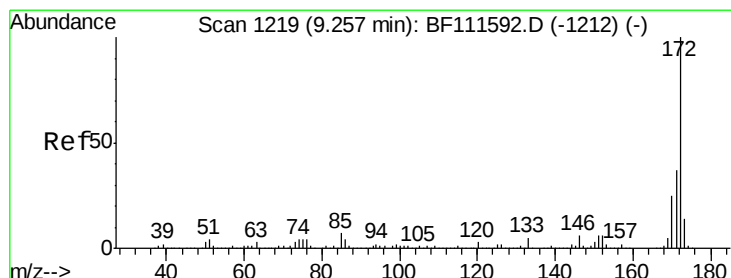
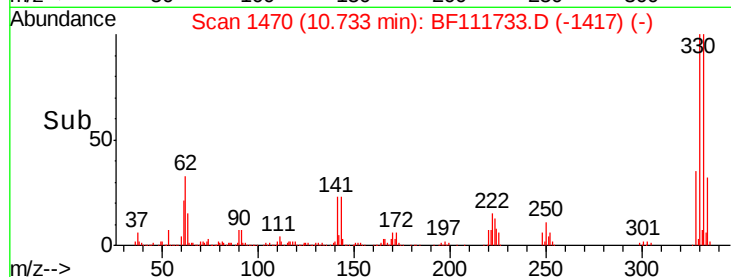
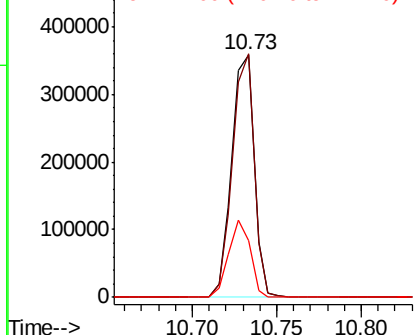


Abundance

Ion 329.80 (329.50 to 330.50): E

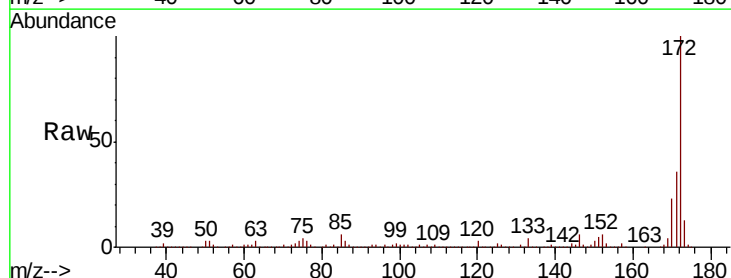
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 89.784 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF111733.D
 Acq: 27 Dec 2018 00:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	33.0	49.4
170	23.5	22.3	33.5

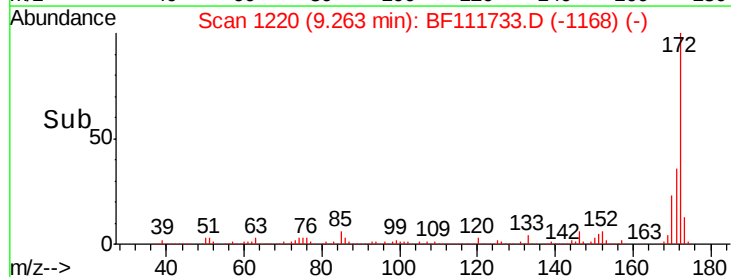
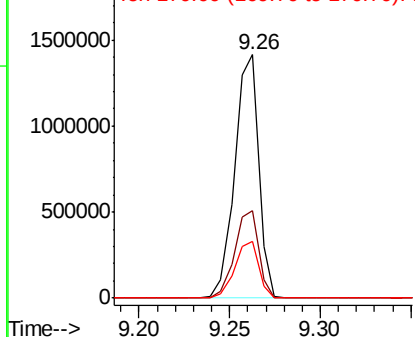


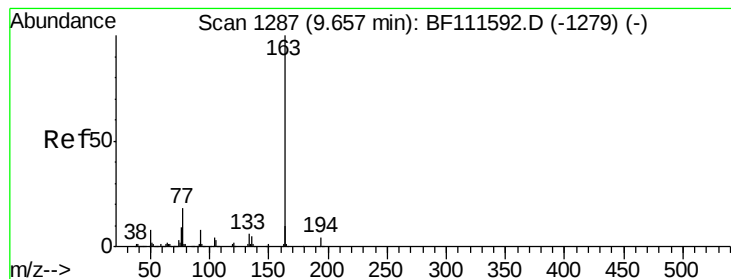
Abundance

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





#50

Dimethylphthalate

Concen: 13.338 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF111733.D

Acq: 27 Dec 2018 00:13

Instrument :

BNA_F

ClientSampleId :

P001-SS009-1218-01

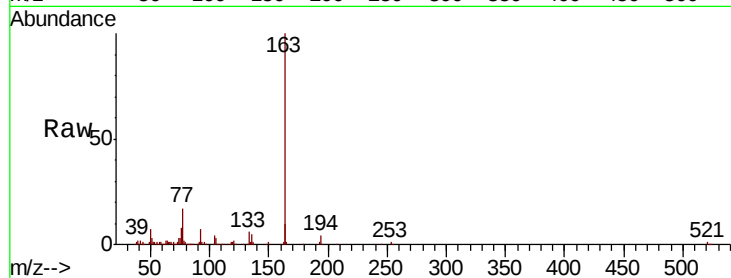
Tot Ion:163 Resp: 206165

Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.6

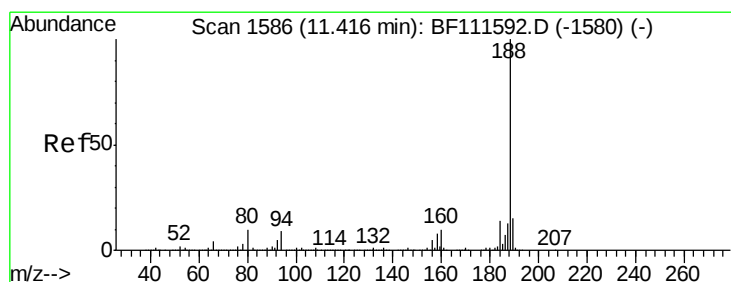
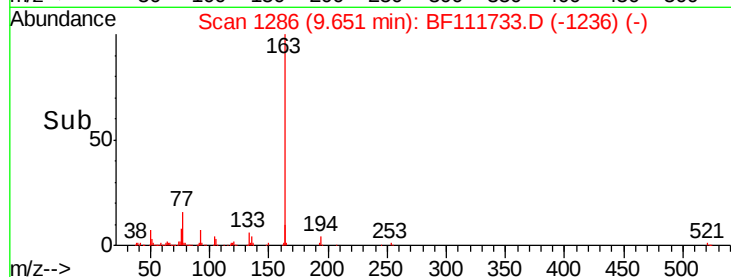
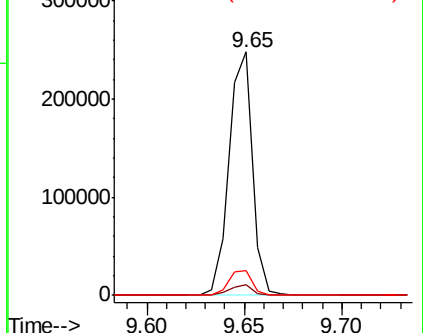
164 9.9 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF111733.D

Acq: 27 Dec 2018 00:13

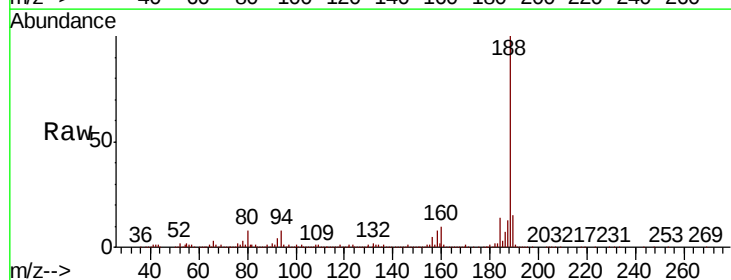
Tgt Ion:188 Resp: 376317

Ion Ratio Lower Upper

188 100

94 8.5 9.6 14.4#

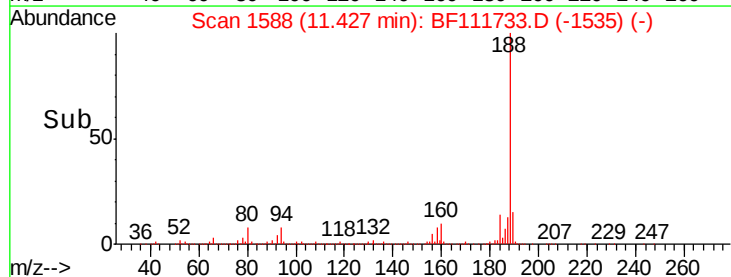
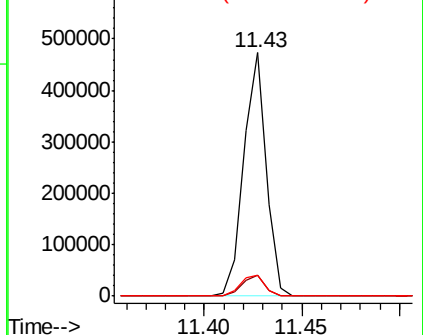
80 8.5 9.8 14.6#

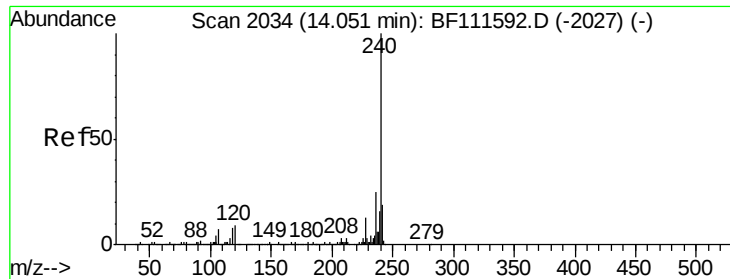


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

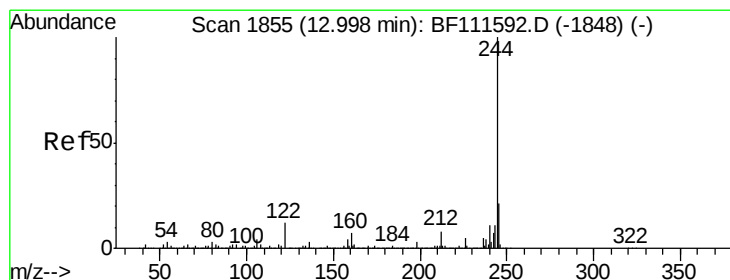
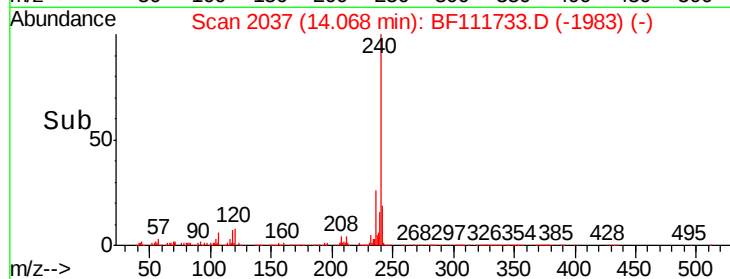
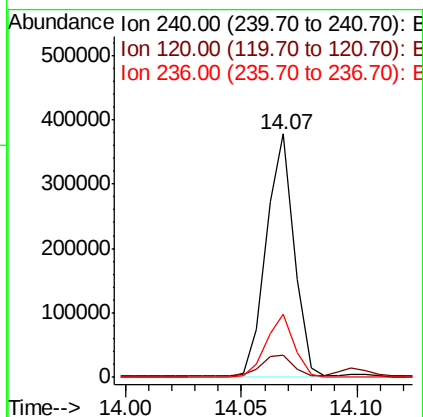
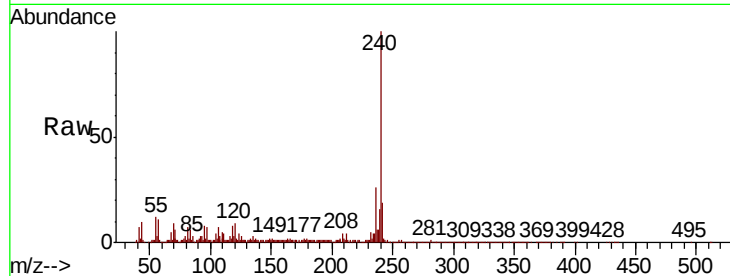




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.02 min
 Lab File: BF111733.D
 Acq: 27 Dec 2018 00:13

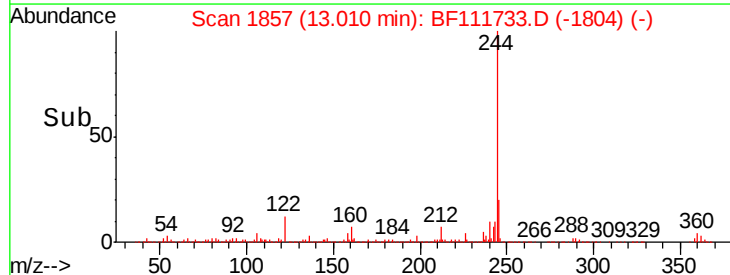
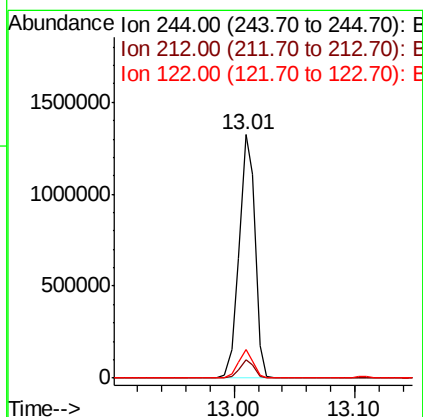
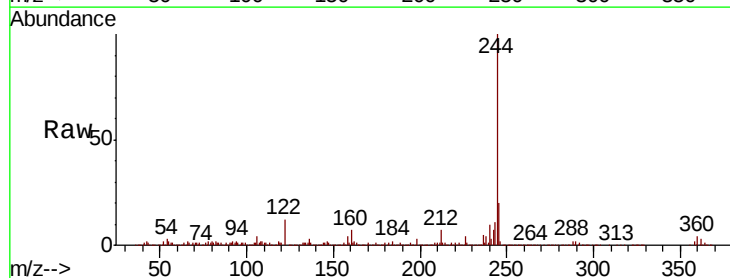
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS009-1218-01

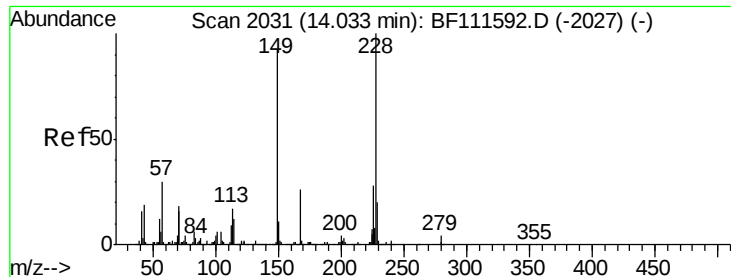
Tot Ion:240 Resp: 317303
 Ion Ratio Lower Upper
 240 100
 120 9.4 12.2 18.2#
 236 25.8 20.2 30.2



#79
 Terphenyl-d14
 Concen: 72.769 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: BF111733.D
 Acq: 27 Dec 2018 00:13

Tgt Ion:244 Resp: 1217542
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 11.6 13.1 19.7#





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.018 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF111733.D

Acq: 27 Dec 2018 00:13

Instrument :

BNA_F

ClientSampleId :

P001-SS009-1218-01

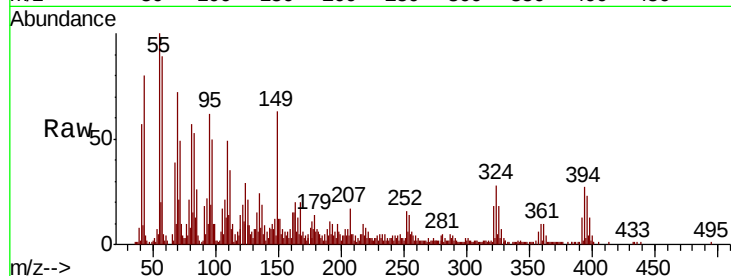
Tot Ion:149 Resp: 23215

Ion Ratio Lower Upper

149 100

167 31.6 22.5 33.7

279 6.0 2.6 4.0#

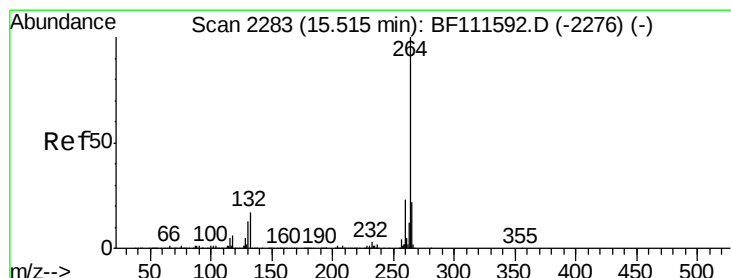
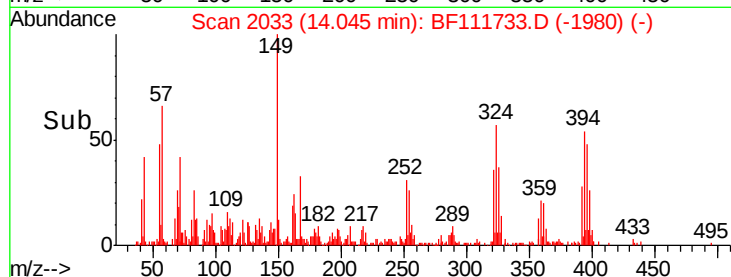
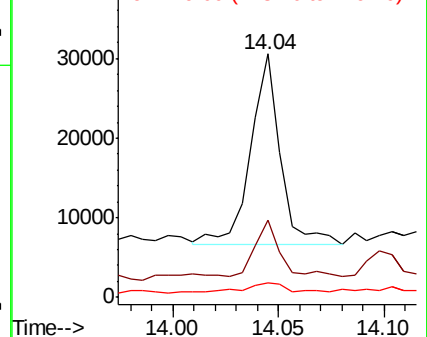


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. 0.04 min

Lab File: BF111733.D

Acq: 27 Dec 2018 00:13

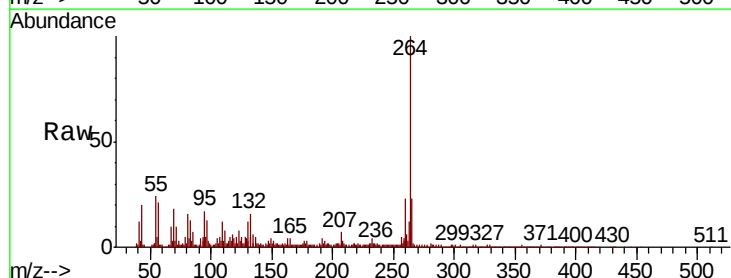
Tgt Ion:264 Resp: 241663

Ion Ratio Lower Upper

264 100

260 22.9 18.3 27.5

265 22.6 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

