

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097966.D
 Acq On : 22 Aug 2017 21:06
 Operator : SJ/JU
 Sample : I4900-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 220-2-STONE

Quant Time: Aug 23 01:06:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

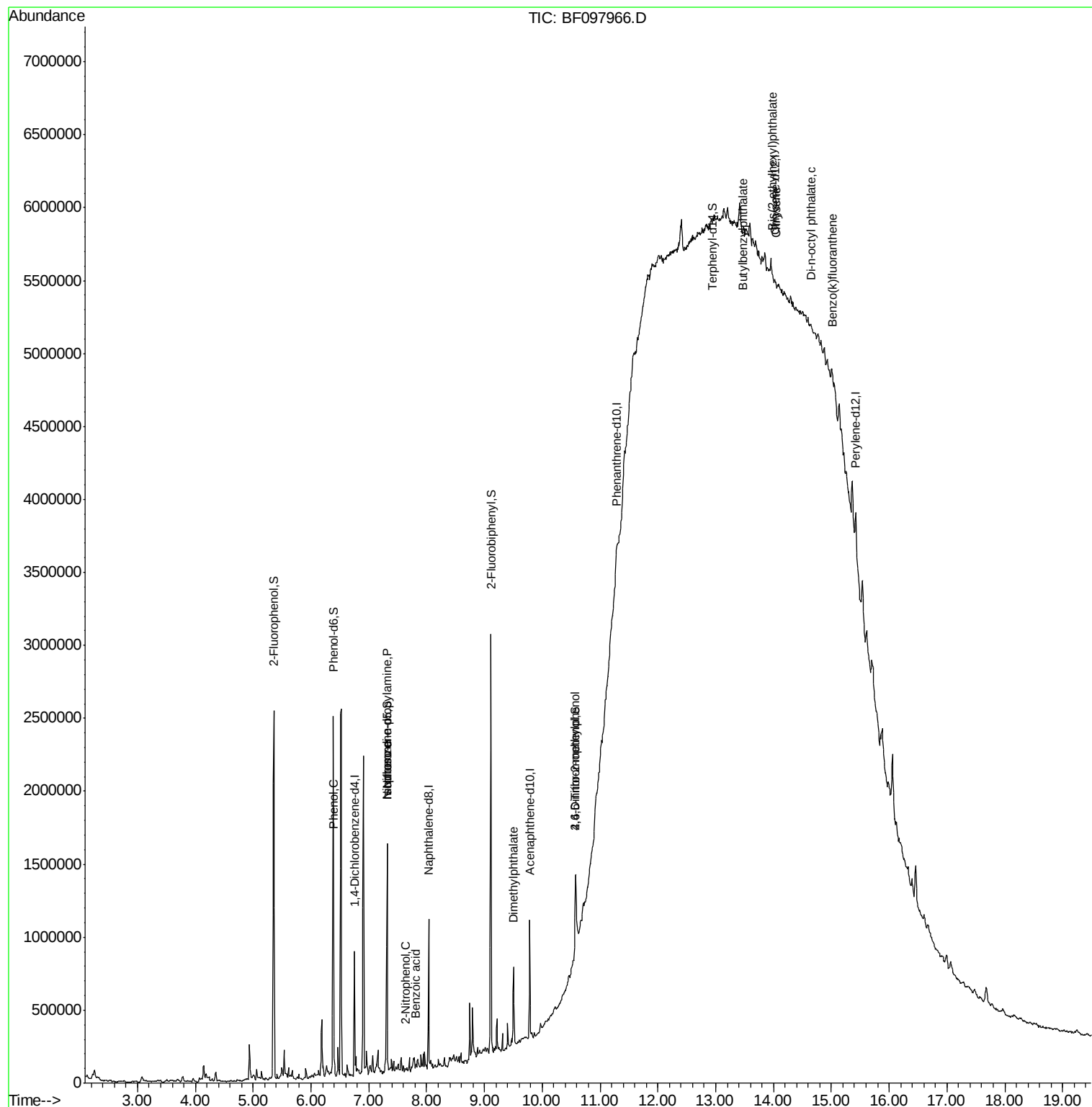
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	112021	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	408017	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	159746	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	214298	20.00	ng	0.01
75) Chrysene-d12	14.02	240	48572	20.00	ng	0.12
86) Perylene-d12	15.42	264	133864	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	749201	101.73	ng	0.00
7) Phenol-d6	6.39	99	977956	97.73	ng	0.00
23) Nitrobenzene-d5	7.32	82	589144	78.44	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	148275	106.98	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	821877	75.59	ng	0.00
78) Terphenyl-d14	12.94	244	121019	51.96	ng	0.09
Target Compounds						
10) Phenol	6.40	94	29941	2.56	ng	Qvalue 96
19) n-Nitroso-di-n-propylamine	7.31	70	90379	13.19	ng	# 74
25) Isophorone	7.32	82	578778	37.06	ng	# 67
26) 2-Nitrophenol	7.64	139	126	5.29	ng	# 1
32) Benzoic acid	7.82	122	1773	6.73	ng	# 49
49) Dimethylphthalate	9.50	163	162287	13.90	ng	99
64) 4,6-Dinitro-2-methylphenol	10.57	198	124	8.42	ng	# 1
79) Butylbenzylphthalate	13.47	149	13416	8.81	ng	# 33
82) Chrysene	14.04	228	6737	2.33	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.99	149	50054	29.66	ng	# 92
84) Di-n-octyl phthalate	14.65	149	86748	29.54	ng	# 75
88) Benzo(k)fluoranthene	15.02	252	16488	2.08	ng	# 1

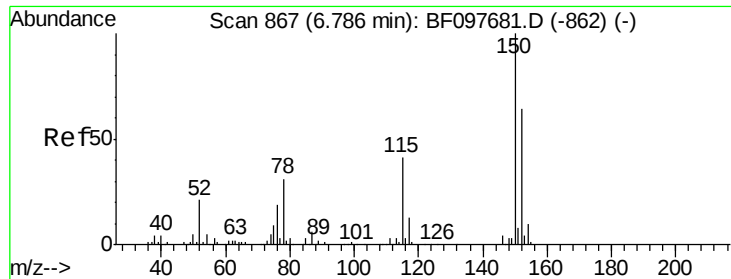
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF097966.D

Acq: 22 Aug 2017 21:06

Instrument :

BNA_F

ClientSampled :

220-2-STONE

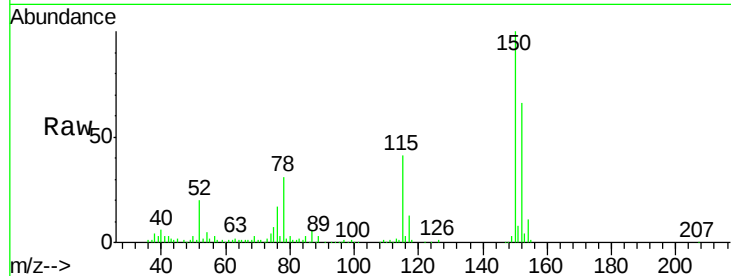
Tot Ion:152 Resp: 112021

Ion Ratio Lower Upper

152 100

150 152.3 126.2 189.2

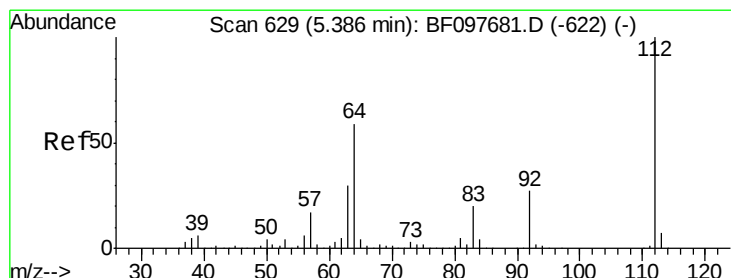
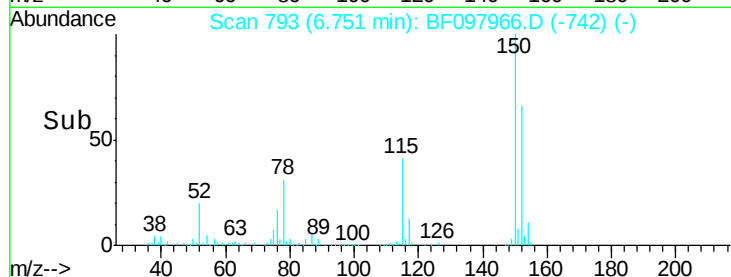
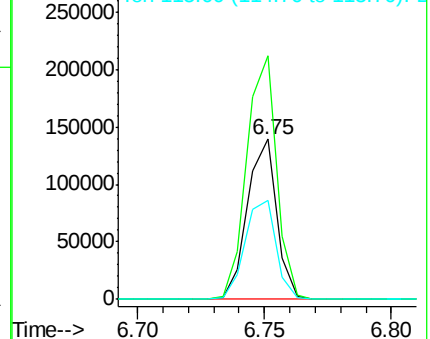
115 62.0 52.2 78.2



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: 101.73 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF097966.D

Acq: 22 Aug 2017 21:06

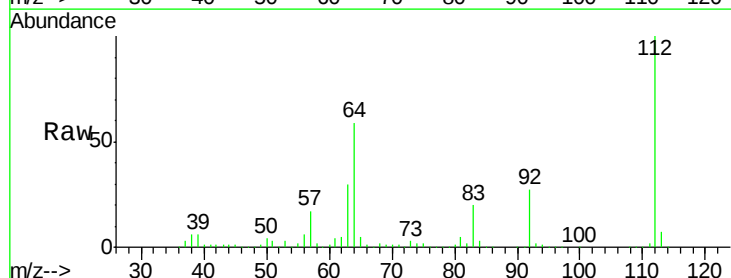
Tgt Ion:112 Resp: 749201

Ion Ratio Lower Upper

112 100

64 59.2 46.0 69.0

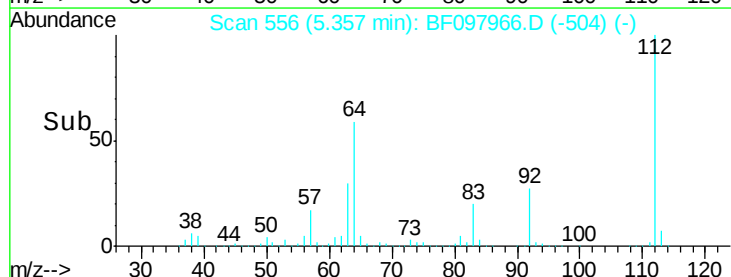
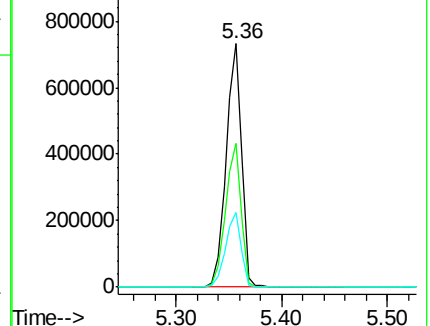
63 30.4 23.4 35.0

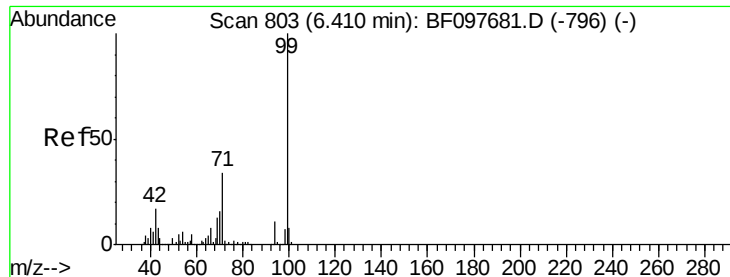


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 97.73 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF097966.D

Acq: 22 Aug 2017 21:06

Instrument :

BNA_F

ClientSampleId :

220-2-STONE

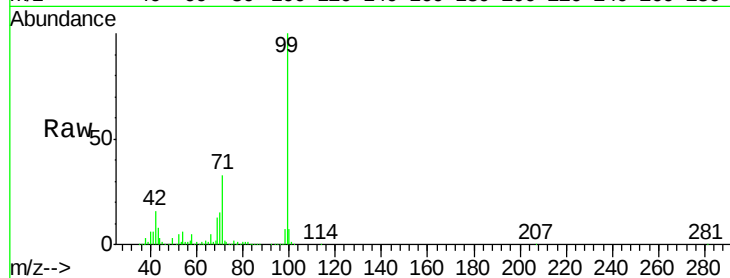
Tot Ion: 99 Resp: 977956

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

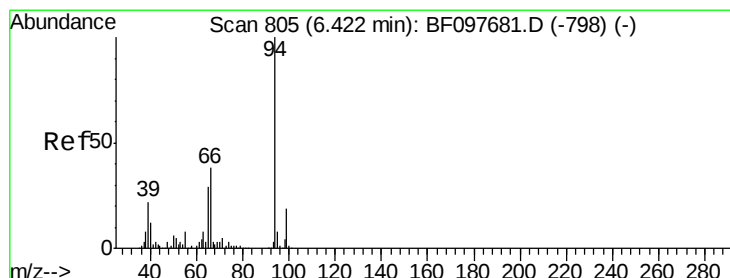
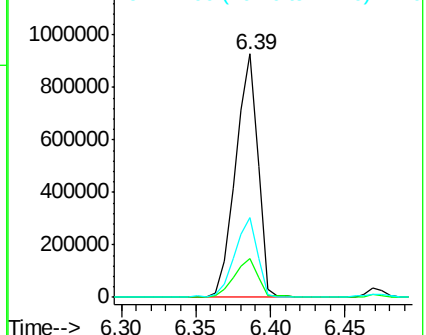
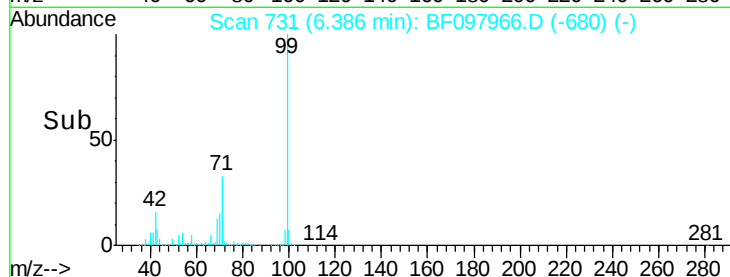
71 33.0 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.56 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF097966.D

Acq: 22 Aug 2017 21:06

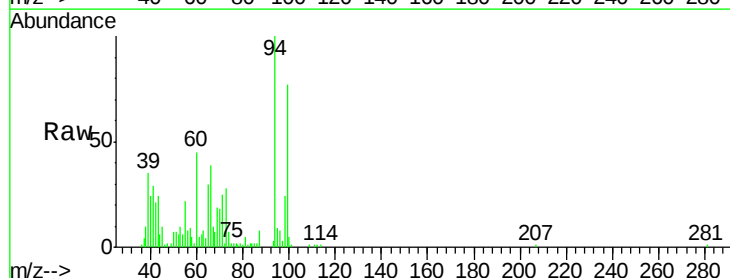
Tgt Ion: 94 Resp: 29941

Ion Ratio Lower Upper

94 100

65 29.6 9.9 49.9

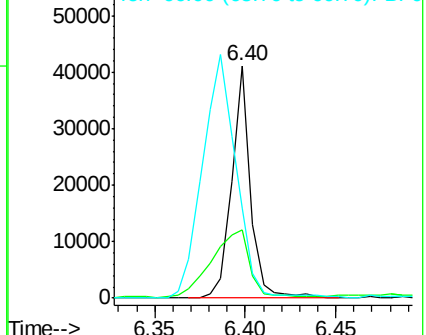
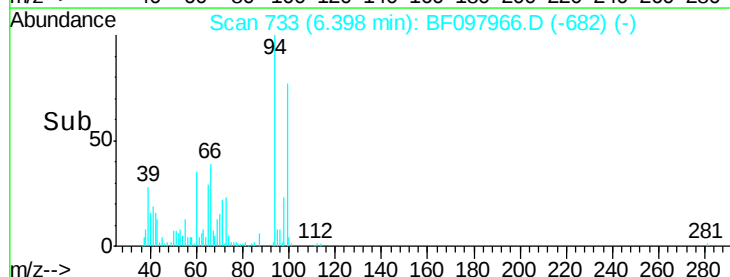
66 38.6 23.1 63.1

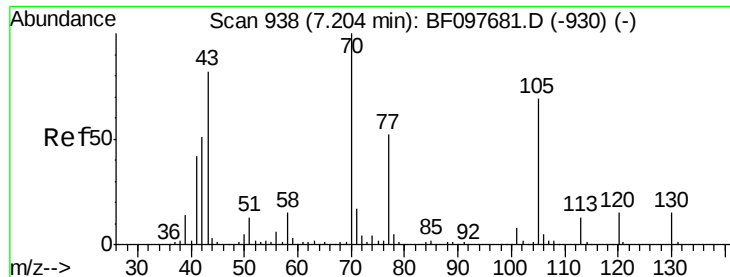


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

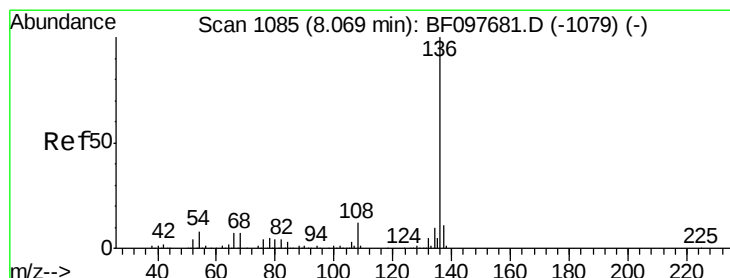
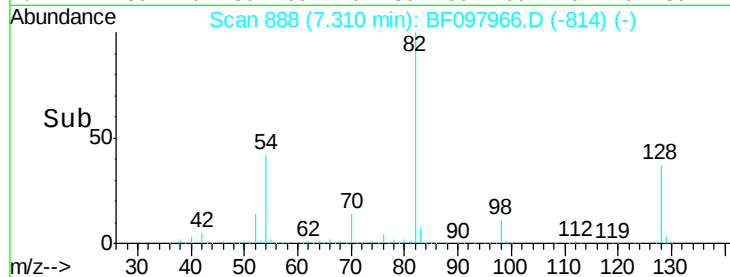
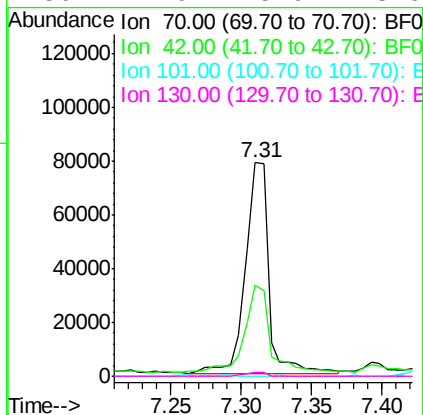
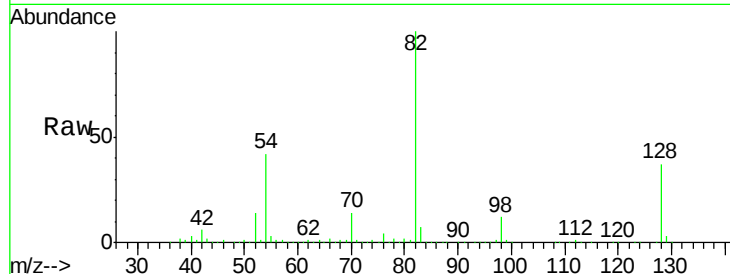




#19
n-Nitroso-di-n-propylamine
Concen: 13.19 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.14 min
Lab File: BF097966.D
Acq: 22 Aug 2017 21:06

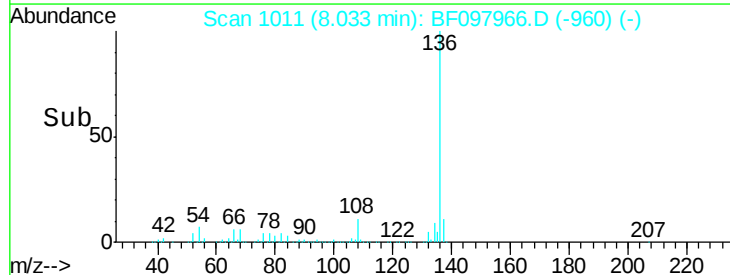
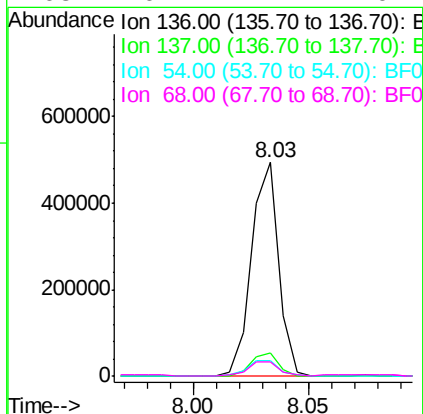
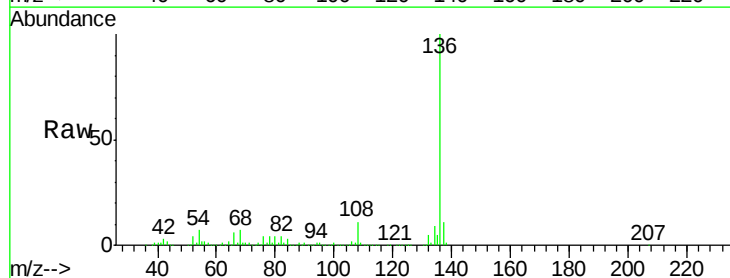
Instrument :
BNA_F
ClientSampleId :
220-2-STONE

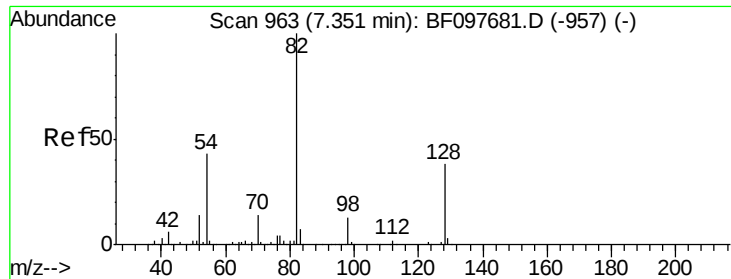
Tot Ion: 70 Resp: 90379
Ion Ratio Lower Upper
70 100
42 42.5 47.2 70.8#
101 0.0 7.2 10.8#
130 1.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF097966.D
Acq: 22 Aug 2017 21:06

Tgt Ion:136 Resp: 408017
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 7.2 4.9 7.3
68 6.7 4.1 6.1#

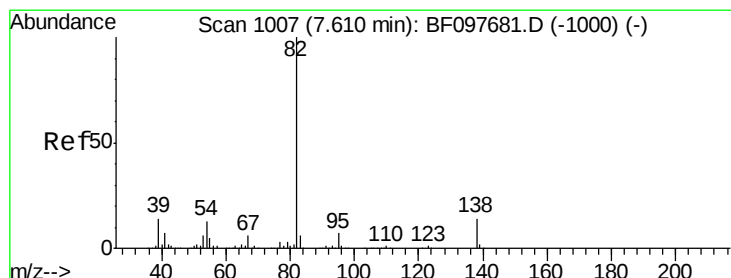
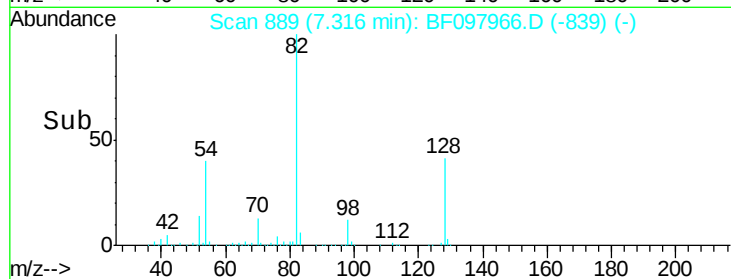
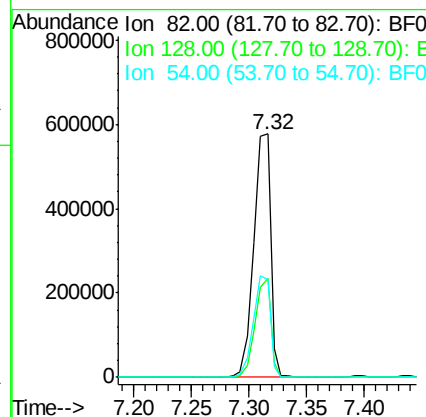
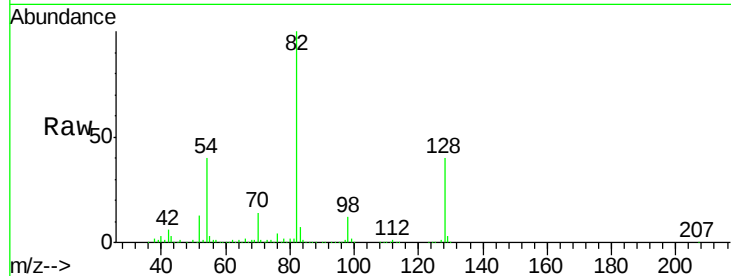




#23
 Nitrobenzene-d5
 Concen: 78.44 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF097966.D
 Acq: 22 Aug 2017 21:06

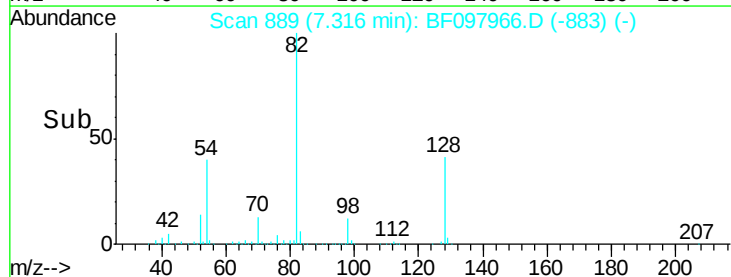
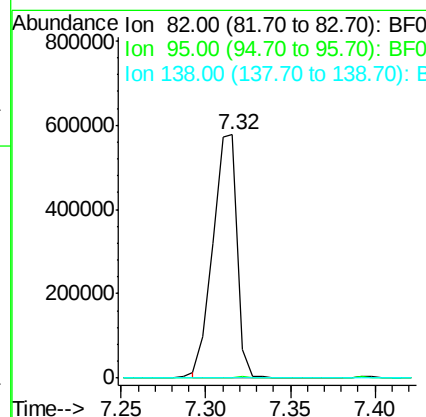
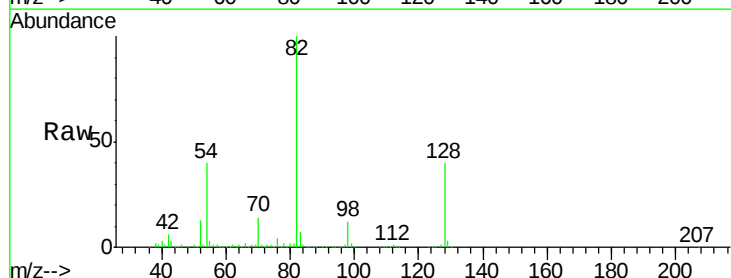
Instrument :
 BNA_F
 ClientSampleId :
 220-2-STONE

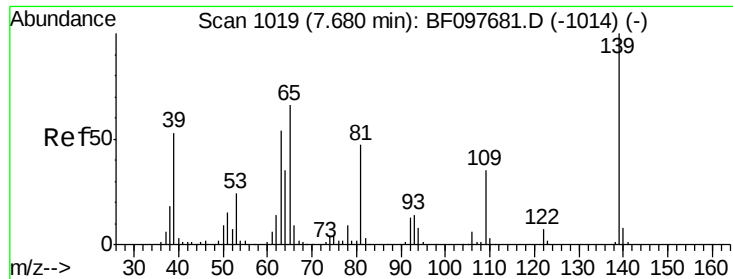
Tot Ion	82	Resp	589144
Ion Ratio	Lower	Upper	
82	100		
128	40.5	34.0	51.0
54	39.9	42.2	63.2#



#25
 Isophorone
 Concen: 37.06 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.26 min
 Lab File: BF097966.D
 Acq: 22 Aug 2017 21:06

Tgt Ion	82	Resp	578778
Ion Ratio	Lower	Upper	
82	100		
95	0.3	5.3	7.9#
138	0.0	13.1	19.7#

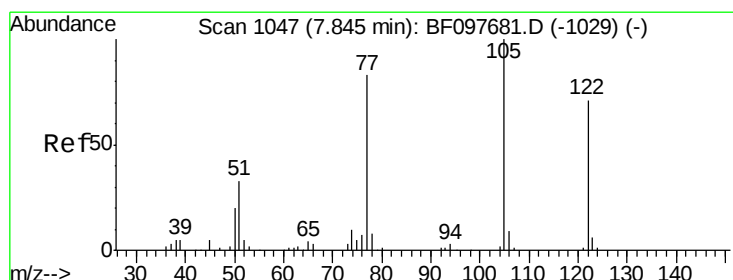
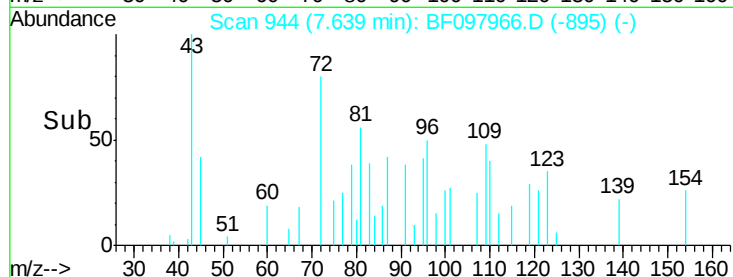
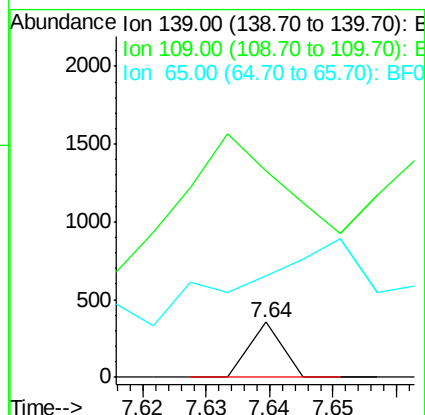
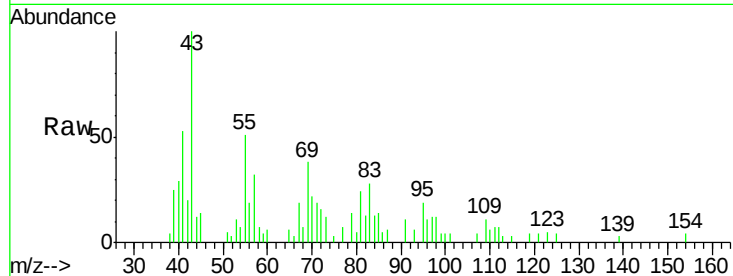




#26
2-Nitrophenol
Concen: 5.29 ng
RT: 7.64 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF097966.D
Acq: 22 Aug 2017 21:06

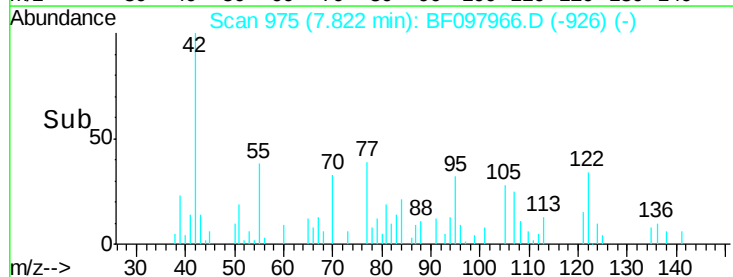
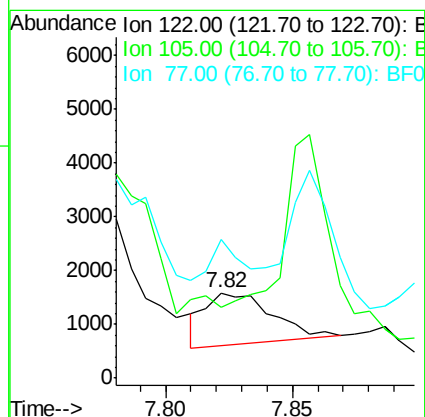
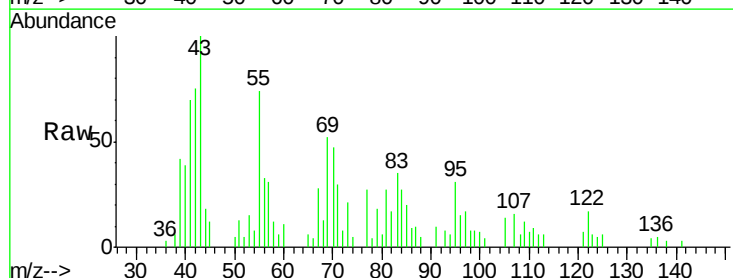
Instrument :
BNA_F
ClientSampleId :
220-2-STONE

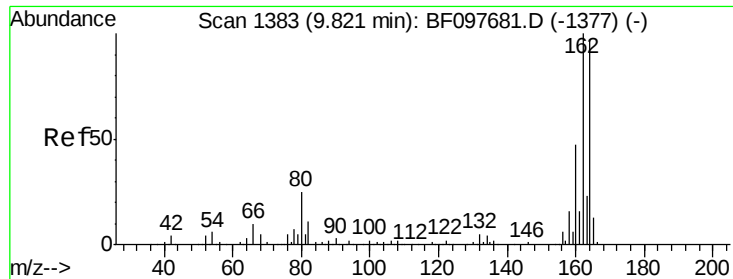
Tot Ion	Ratio	Lower	Upper
139	100		
109	372.5	21.0	31.6#
65	183.7	33.0	49.6#



#32
Benzoic acid
Concen: 6.73 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF097966.D
Acq: 22 Aug 2017 21:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	83.5	103.3	143.3#
77	162.7	73.7	113.7#

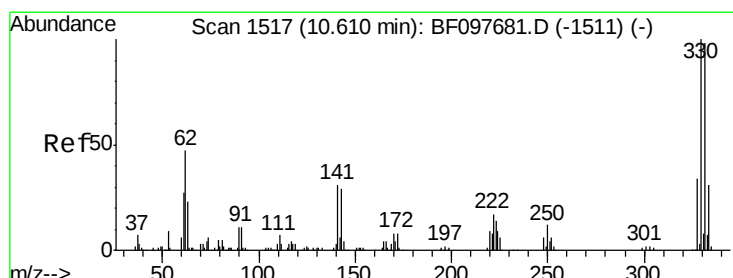
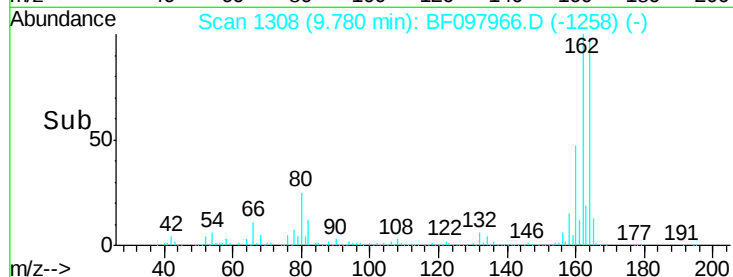
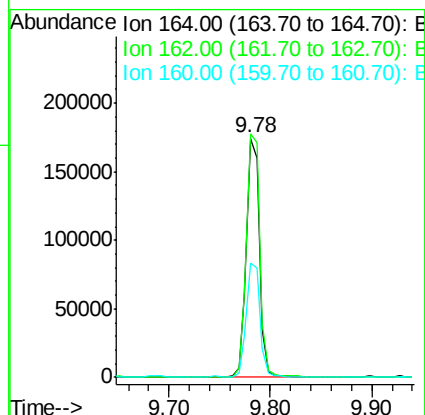
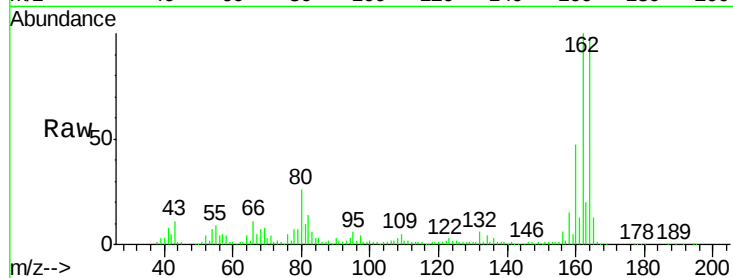




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF097966.D
 Acq: 22 Aug 2017 21:06

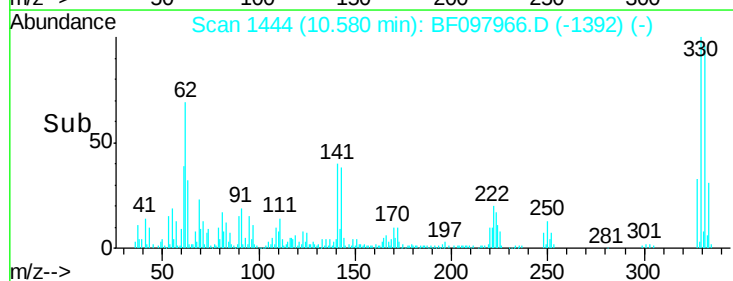
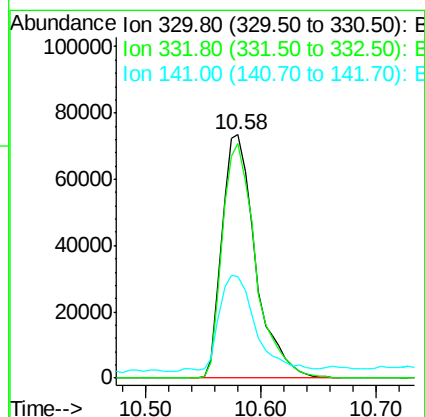
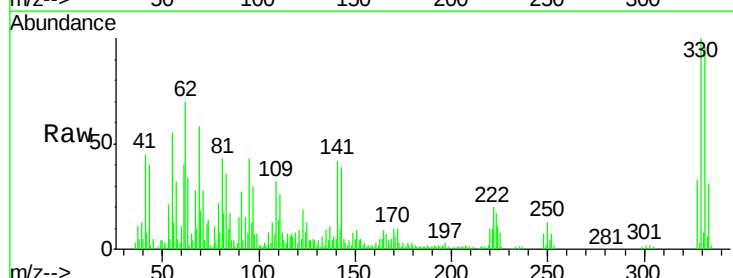
Instrument :
 BNA_F
 ClientSampleId :
 220-2-STONE

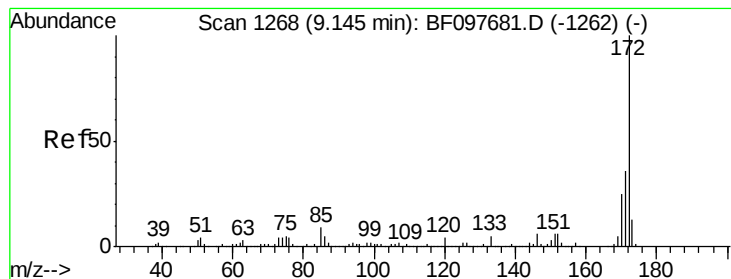
Tot Ion:164 Resp: 159746
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.6 123.8
 160 48.0 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 106.98 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. 0.01 min
 Lab File: BF097966.D
 Acq: 22 Aug 2017 21:06

Tgt Ion:330 Resp: 148275
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 115.0
 141 42.0 31.4 47.2





#44

2-Fluorobiphenyl

Concen: 75.59 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BF097966.D

Acq: 22 Aug 2017 21:06

Instrument :

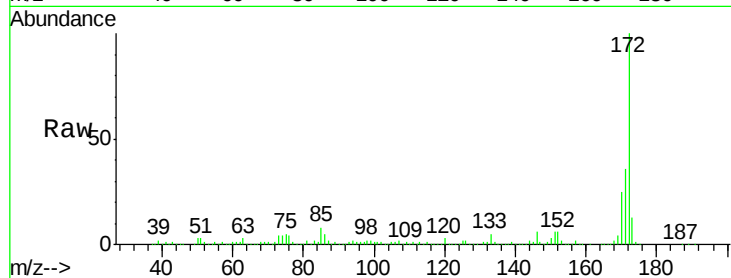
BNA_F

ClientSampleId :

220-2-STONE

Tot Ion:172 Resp: 821877

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.7	19.8	29.8

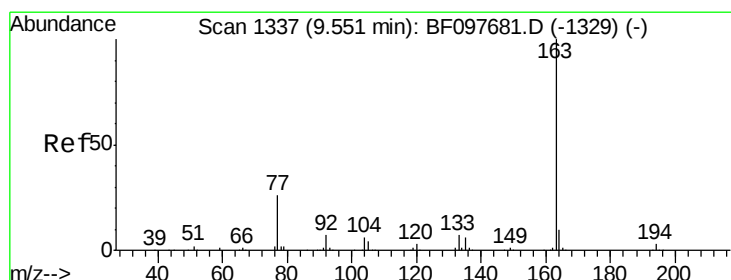
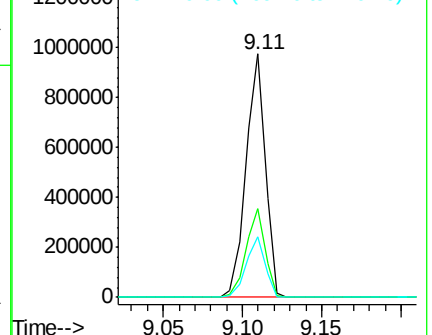
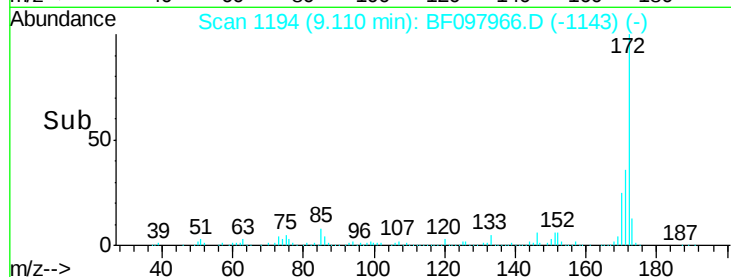


Abundance

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



#49

Dimethylphthalate

Concen: 13.90 ng

RT: 9.50 min Scan# 1261

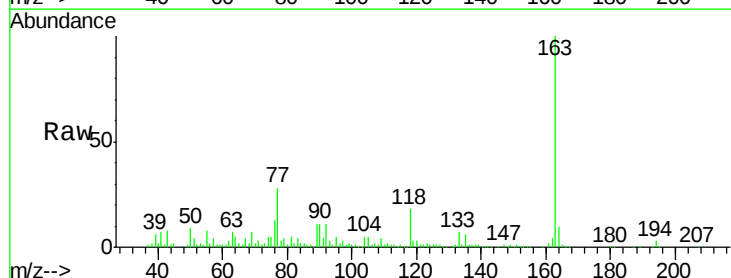
Delta R.T. -0.01 min

Lab File: BF097966.D

Acq: 22 Aug 2017 21:06

Tgt Ion:163 Resp: 162287

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.0	8.4	12.6

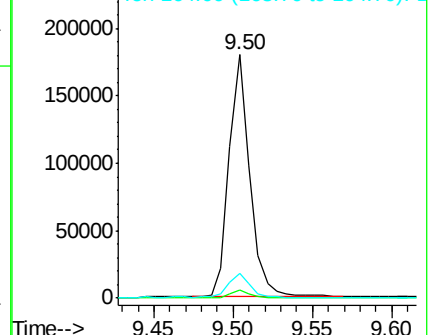
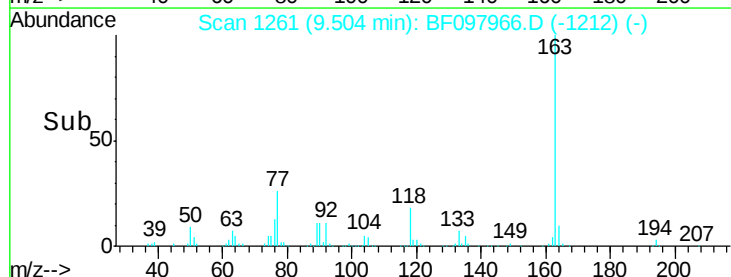


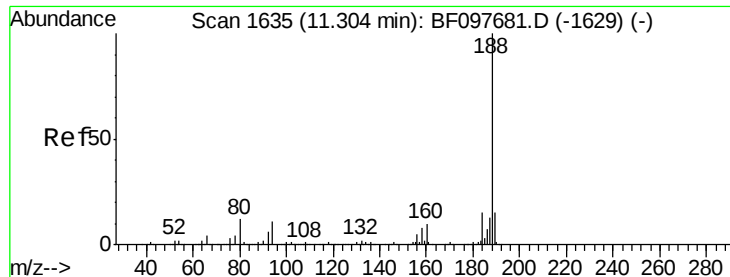
Abundance

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

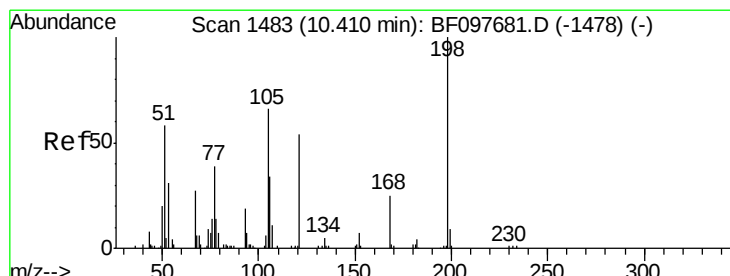
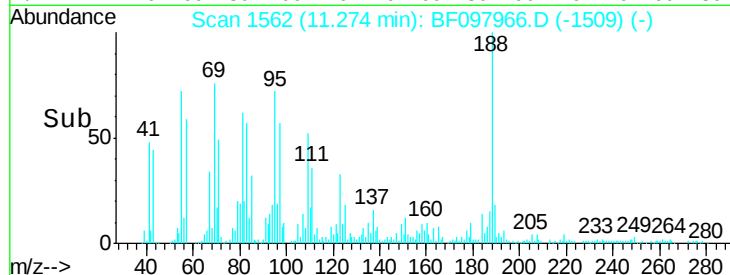
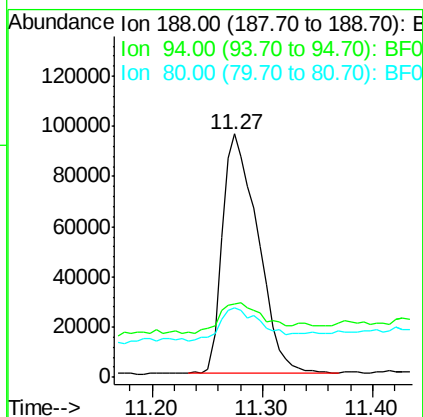
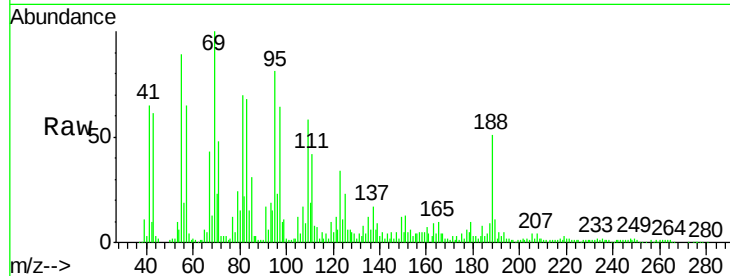




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF097966.D
Acq: 22 Aug 2017 21:06

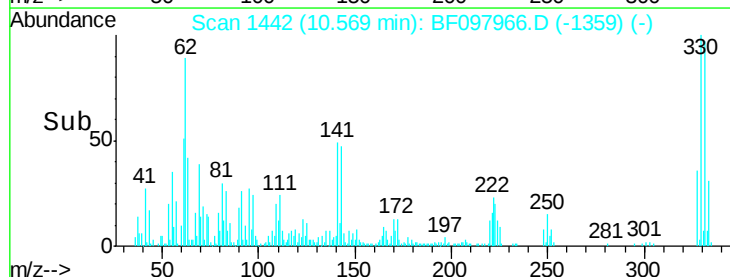
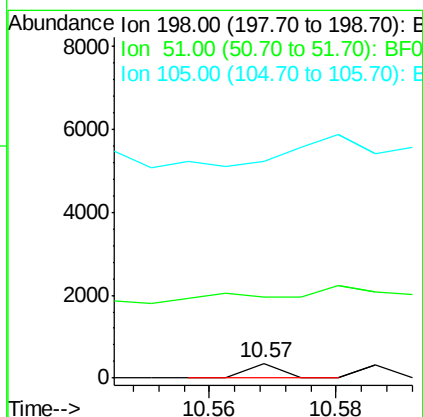
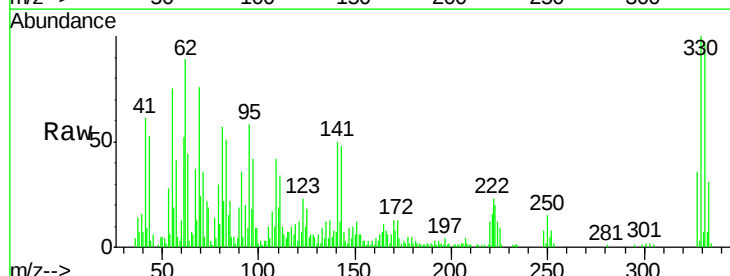
Instrument :
BNA_F
ClientSampleId :
220-2-STONE

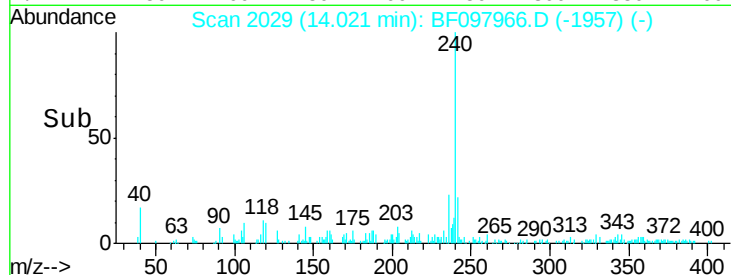
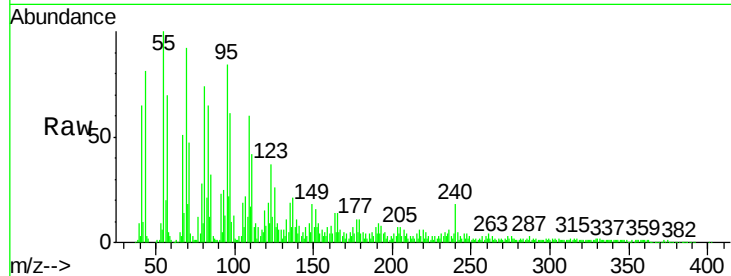
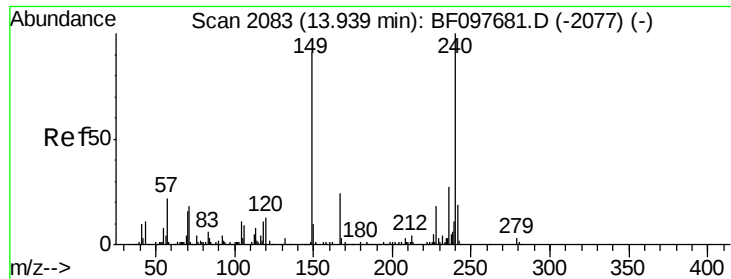
Tot Ion:188 Resp: 214298
Ion Ratio Lower Upper
188 100
94 30.1 9.4 14.2#
80 28.8 10.2 15.2#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.42 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.19 min
Lab File: BF097966.D
Acq: 22 Aug 2017 21:06

Tgt Ion:198 Resp: 124
Ion Ratio Lower Upper
198 100
51 554.8 53.2 93.2#
105 1487.8 45.8 85.8#

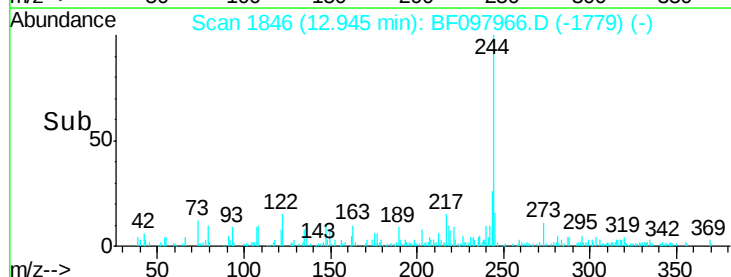
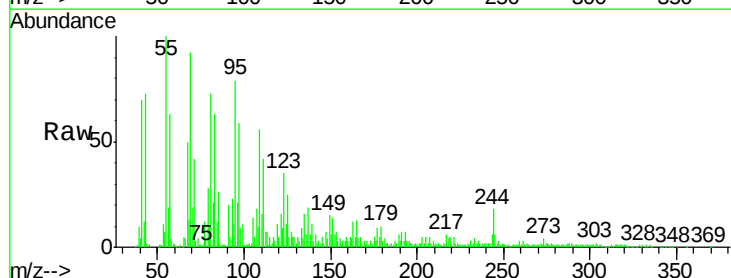
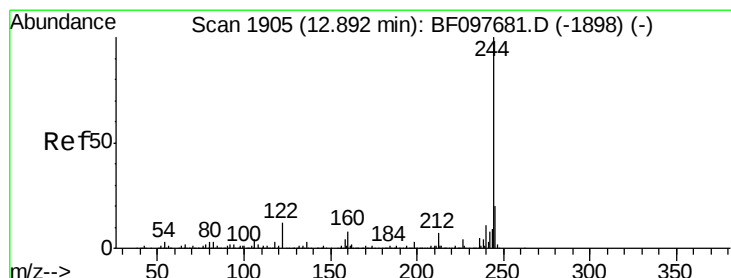
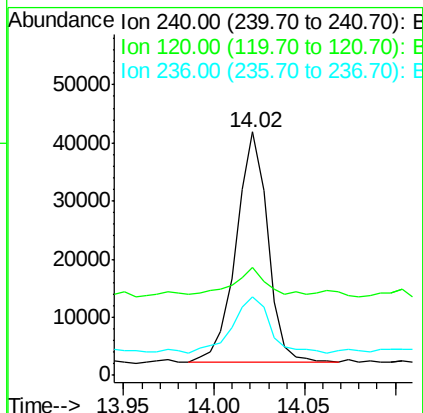




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.12 min
 Lab File: BF097966.D
 Acq: 22 Aug 2017 21:06

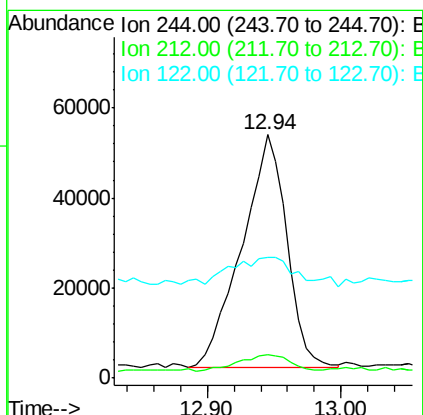
Instrument :
 BNA_F
 ClientSampleId :
 220-2-STONE

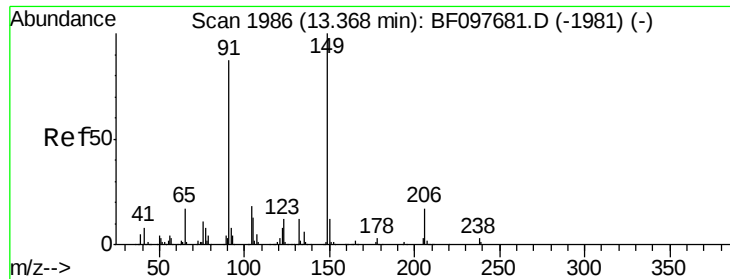
Tot Ion:240 Resp: 48572
 Ion Ratio Lower Upper
 240 100
 120 44.3 5.8 8.8#
 236 32.4 20.5 30.7#



#78
 Terphenyl-d14
 Concen: 51.96 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. 0.09 min
 Lab File: BF097966.D
 Acq: 22 Aug 2017 21:06

Tgt Ion:244 Resp: 121019
 Ion Ratio Lower Upper
 244 100
 212 9.4 6.0 9.0#
 122 49.8 10.3 15.5#

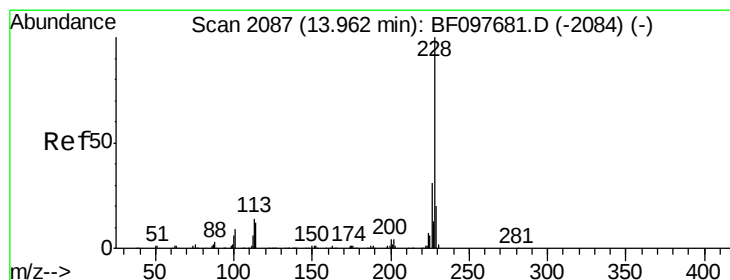
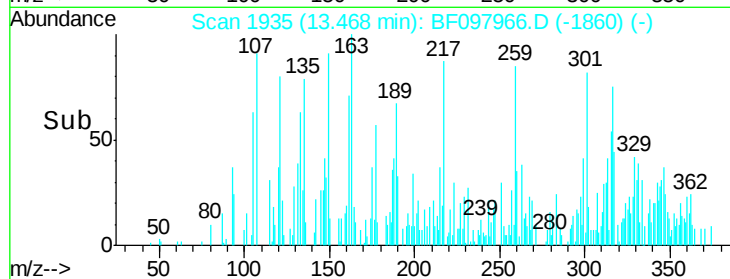
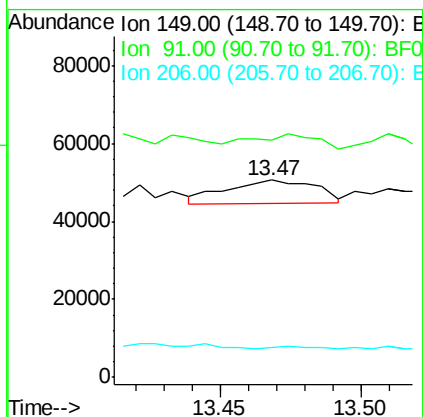
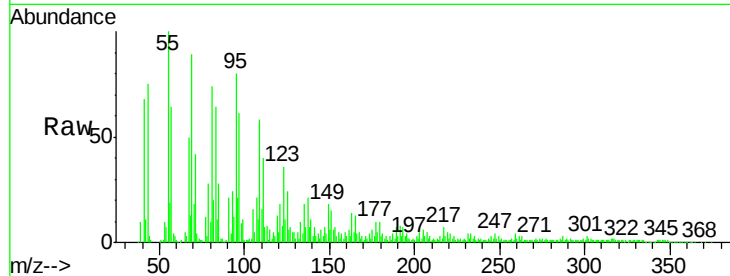




#79
Butylbenzylphthalate
Concen: 8.81 ng
RT: 13.47 min Scan# 1935
Delta R.T. 0.14 min
Lab File: BF097966.D
Acq: 22 Aug 2017 21:06

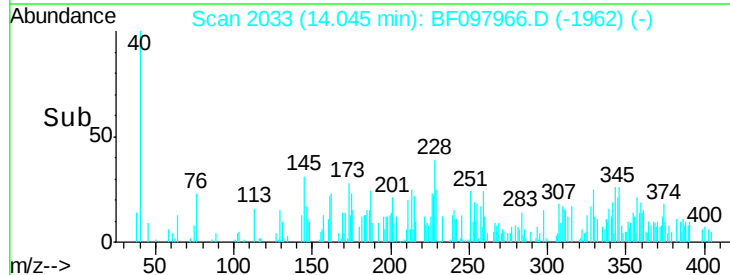
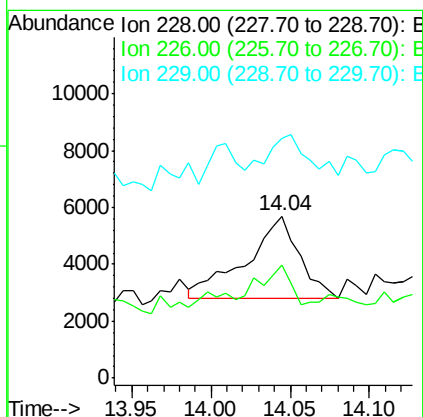
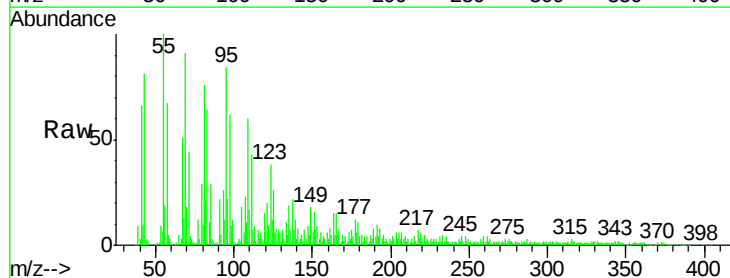
Instrument :
BNA_F
ClientSampleId :
220-2-STONE

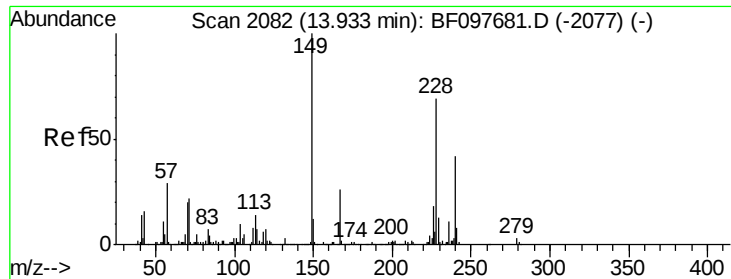
Tot Ion:149 Resp: 13416
Ion Ratio Lower Upper
149 100
91 120.4 45.0 67.4#
206 15.4 17.0 25.6#



#82
Chrysene
Concen: 2.33 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.12 min
Lab File: BF097966.D
Acq: 22 Aug 2017 21:06

Tgt Ion:228 Resp: 6737
Ion Ratio Lower Upper
228 100
226 69.4 24.9 37.3#
229 147.4 15.8 23.6#

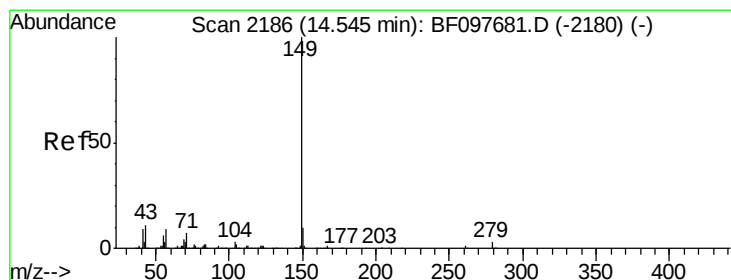
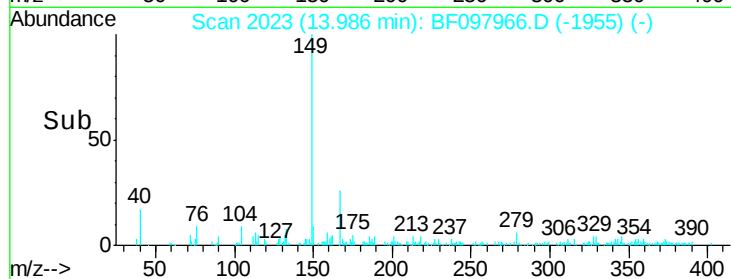
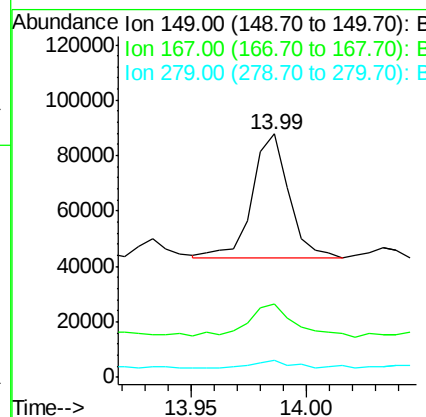
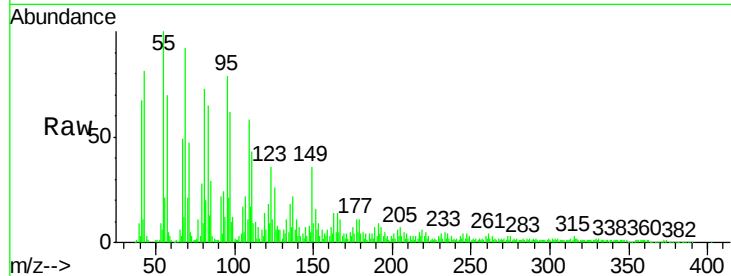




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 29.66 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.10 min
 Lab File: BF097966.D
 Acq: 22 Aug 2017 21:06

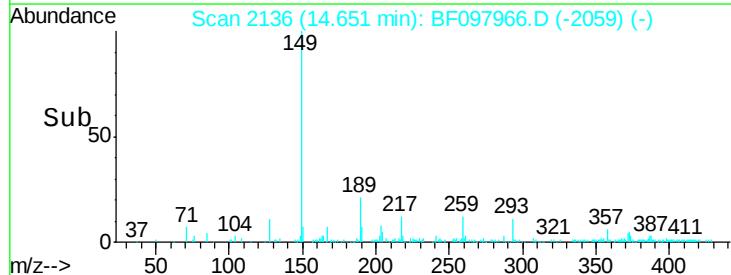
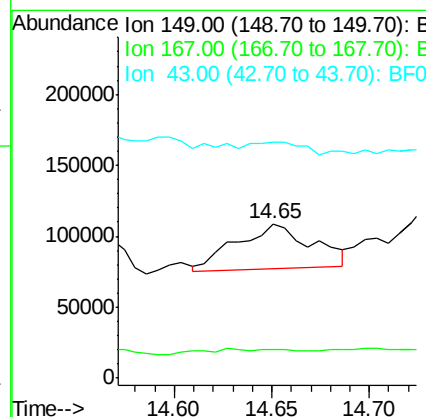
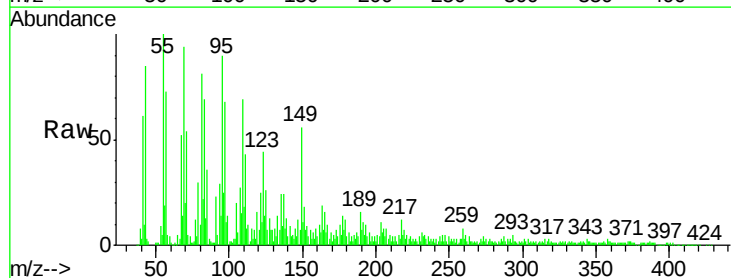
Instrument :
 BNA_F
 ClientSampleId :
 220-2-STONE

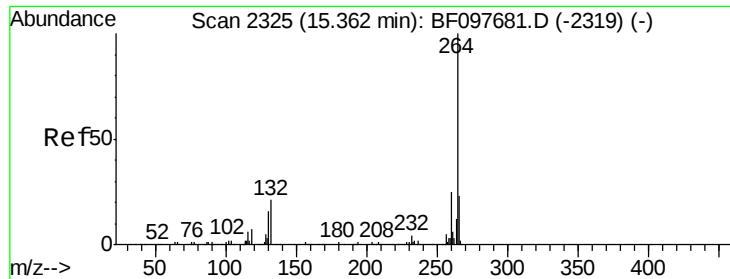
Tot Ion:149 Resp: 50054
 Ion Ratio Lower Upper
 149 100
 167 30.1 21.0 31.4
 279 6.8 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 29.54 ng
 RT: 14.65 min Scan# 2136
 Delta R.T. 0.15 min
 Lab File: BF097966.D
 Acq: 22 Aug 2017 21:06

Tgt Ion:149 Resp: 86748
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 0.0 8.5 12.7#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.42 min Scan# 2267

Delta R.T. 0.11 min

Lab File: BF097966.D

Acq: 22 Aug 2017 21:06

Instrument :

BNA_F

ClientSampleId :

220-2-STONE

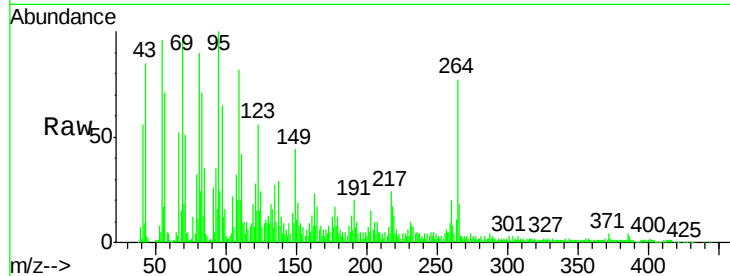
Tot Ion:264 Resp: 133864

Ion Ratio Lower Upper

264 100

260 26.1 19.5 29.3

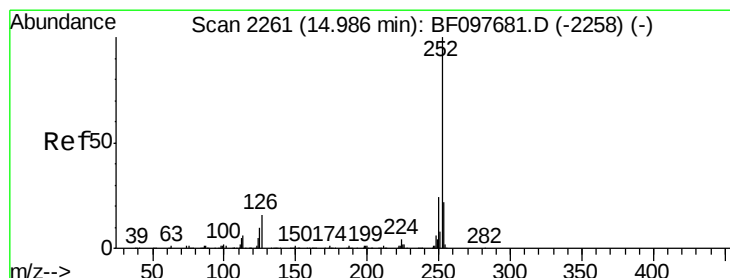
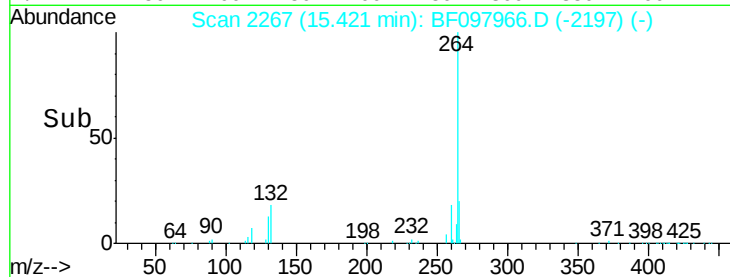
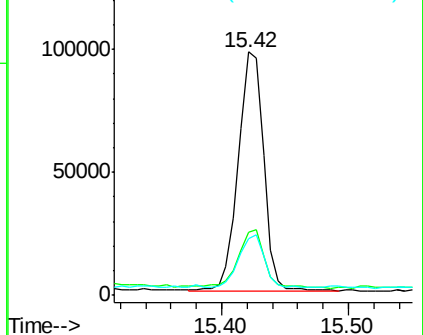
265 23.5 17.2 25.8



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



#88

Benzo(k)fluoranthene

Concen: 2.08 ng

RT: 15.02 min Scan# 2199

Delta R.T. 0.08 min

Lab File: BF097966.D

Acq: 22 Aug 2017 21:06

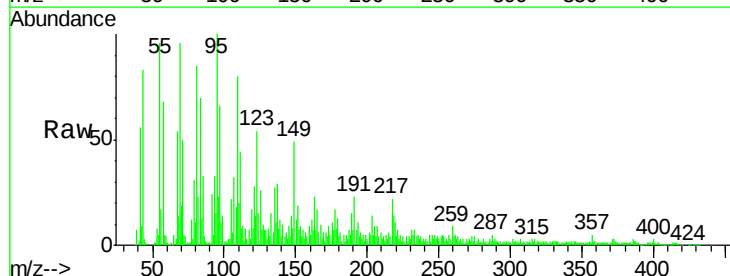
Tgt Ion:252 Resp: 16488

Ion Ratio Lower Upper

252 100

253 82.2 18.4 27.6#

125 472.7 13.1 19.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

