

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075521.D
 Acq On : 15 Nov 2014 4:34
 Operator : TP / JJ
 Sample : DFTTP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTTP

Quant Time: Nov 15 05:51:54 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 15 05:44:40 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-7.54
21) Naphthalene-d8	0.00	136	0	0.00	ng	-9.13
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-11.32
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-13.16
75) Chrysene-d12	16.45	240	541	20.00	ng	-0.01
86) Perylene-d12	18.17	264	311	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	15.15	244	3520	175.16	ng	-0.01

Target Compounds

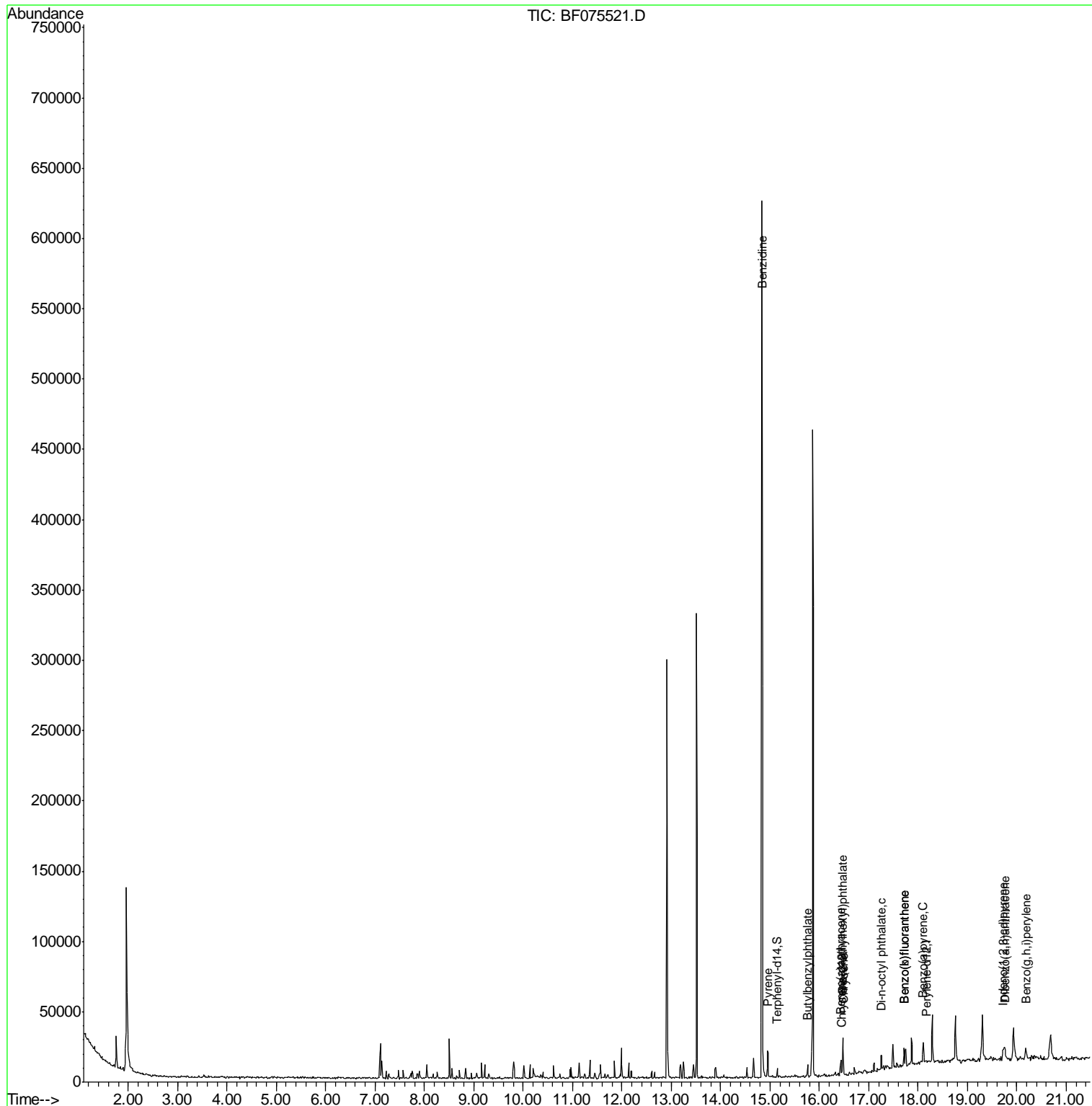
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
76) Benzidine	14.84	184	281881	16385.92	ng	99
77) Pyrene	14.95	202	7313	232.52	ng	96
79) Butylbenzylphthalate	15.76	149	2503	141.71	ng	# 87
80) Benzo(a)anthracene	16.44	228	6392	224.90	ng	95
82) Chrysene	16.48	228	6647	270.41	ng	95
83) Bis(2-ethylhexyl)phthalate	16.47	149	5557	199.73	ng	# 94
84) Di-n-octyl phthalate	17.26	149	8446	172.44	ng	# 87
85) Indeno(1,2,3-cd)pyrene	19.72	276	8618	288.99	ng	# 100
87) Benzo(b)fluoranthene	17.72	252	6966	418.94	ng	98
88) Benzo(k)fluoranthene	17.72	252	6966	466.81	ng	98
89) Benzo(a)pyrene	18.11	252	7165	481.58	ng	95
90) Dibenzo(a,h)anthracene	19.75	278	7100	456.97	ng	# 91
91) Benzo(g,h,i)perylene	20.19	276	7448	503.12	ng	# 94

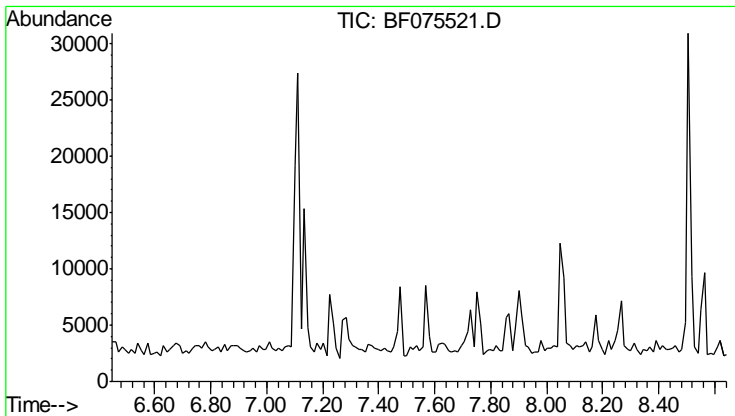
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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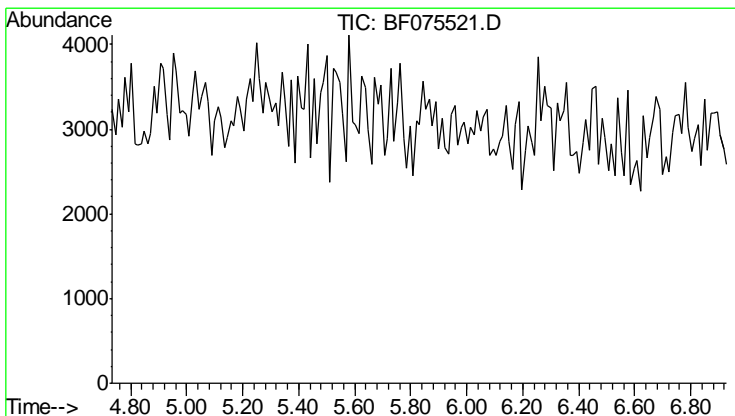
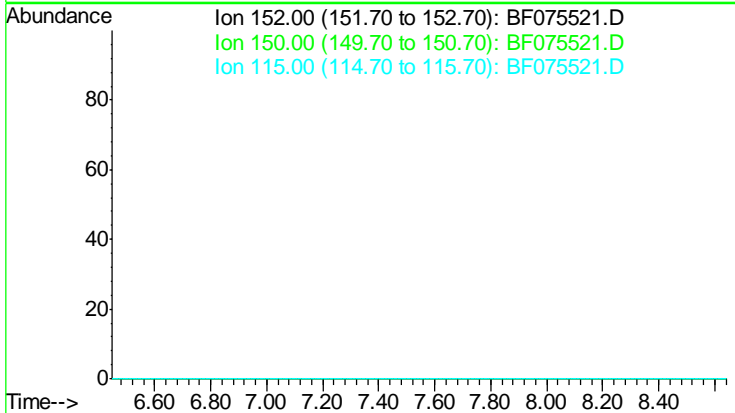




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.00 ng
 Expected RT: 7.54 min
 Lab File: BF075521.D
 Acq: 15 Nov 2014 4:34

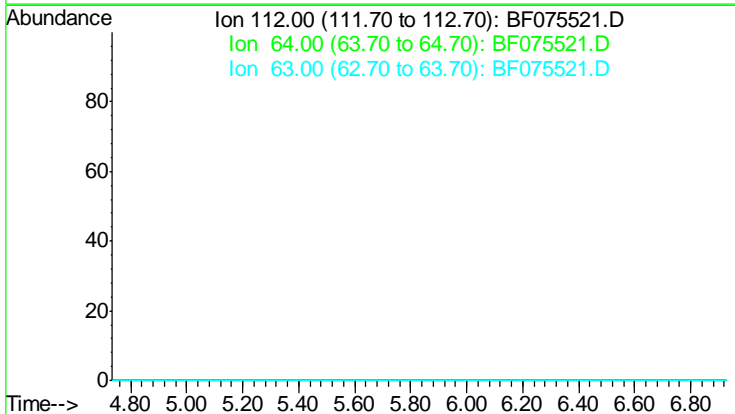
Instrument :
 BNA_F
 ClientSampleId :
 DFTTP

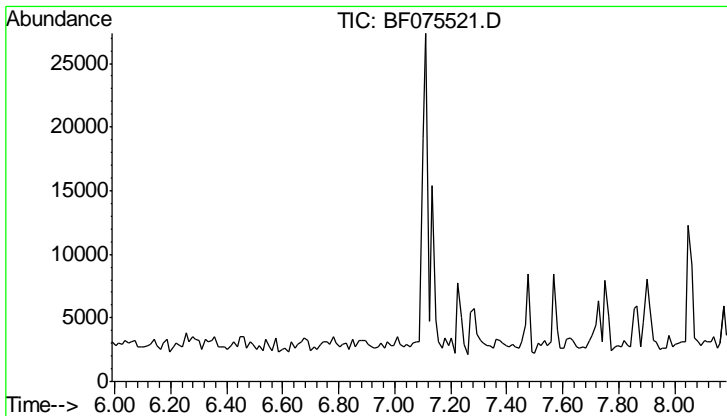
Tgt Ion	Exp Ratio
152	100
150	159.0
115	71.4



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.83 min
 Lab File: BF075521.D
 Acq: 15 Nov 2014 4:34

Tgt Ion	Exp Ratio
112	100
64	57.2
63	28.4

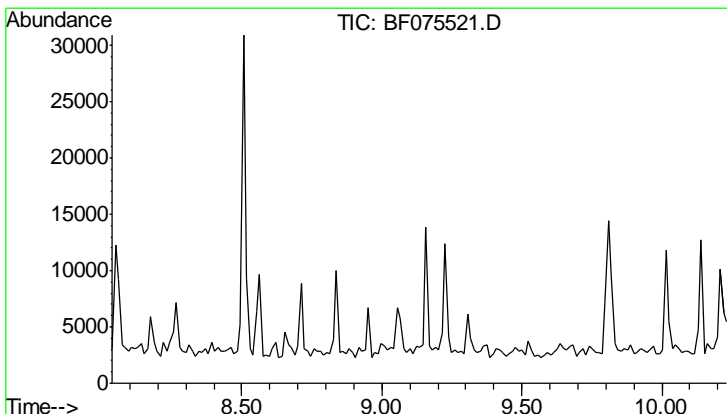
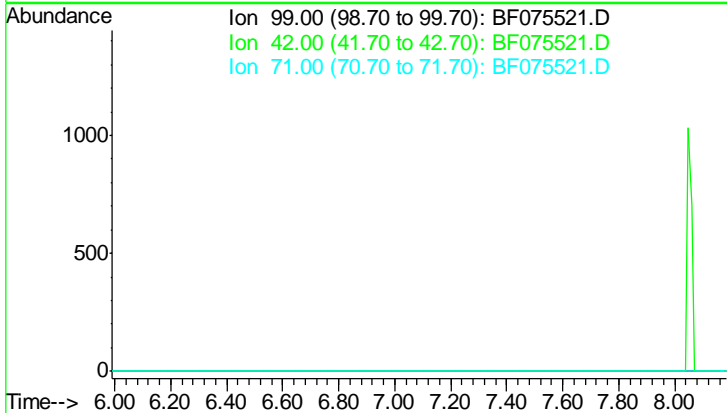




#7
 Phenol-d6
 Concen: 0.00 ng
 Expected RT: 7.09 min
 Lab File: BF075521.D
 Acq: 15 Nov 2014 4:34

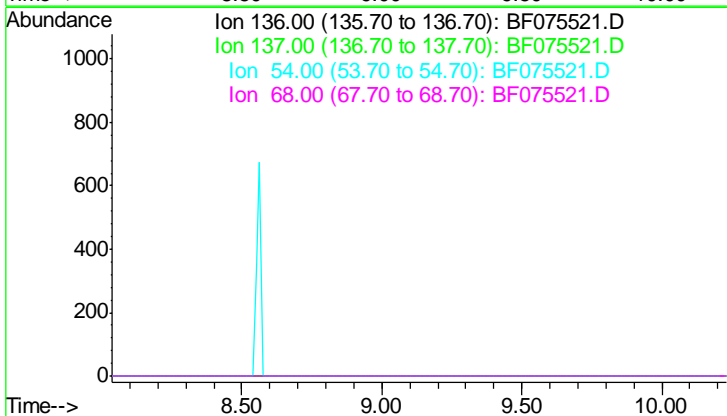
Instrument :
 BNA_F
 ClientSampled :
 DFTTP

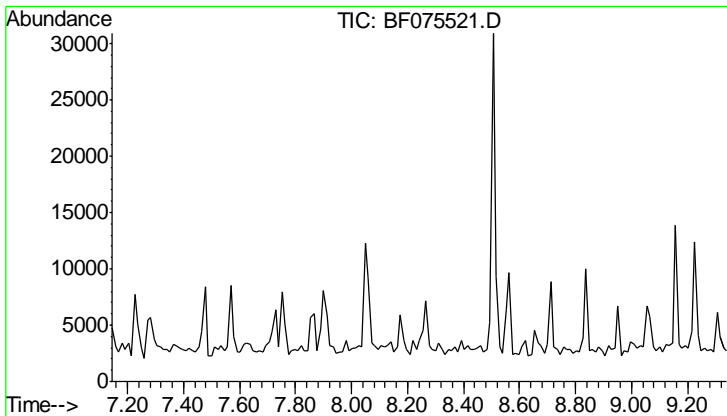
Tgt Ion:	Exp Ratio
99	100
42	24.7
71	31.9



#21
 Naphthalene-d8
 Concen: 0.00 ng
 Expected RT: 9.13 min
 Lab File: BF075521.D
 Acq: 15 Nov 2014 4:34

Tgt Ion:	Exp Ratio
136	100
137	10.3
54	7.8
68	4.3

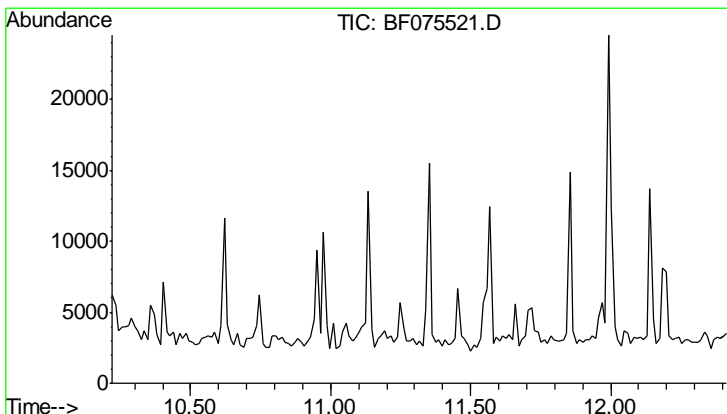
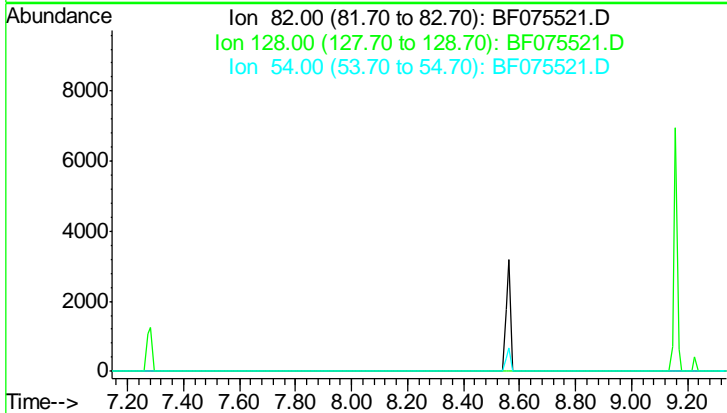




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 8.24 min
 Lab File: BF075521.D
 Acq: 15 Nov 2014 4:34

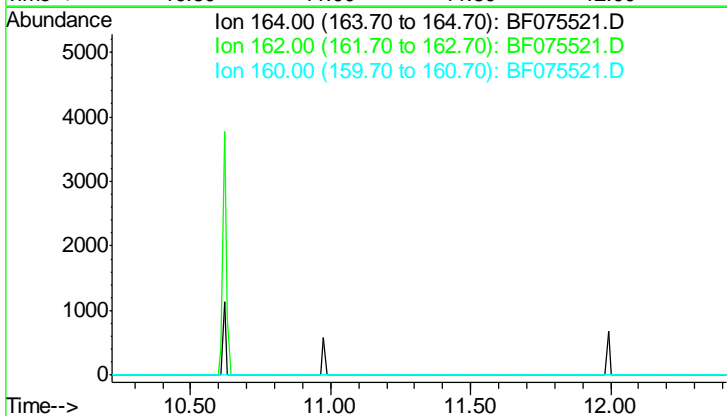
Instrument :
 BNA_F
 ClientSampleId :
 DFTTP

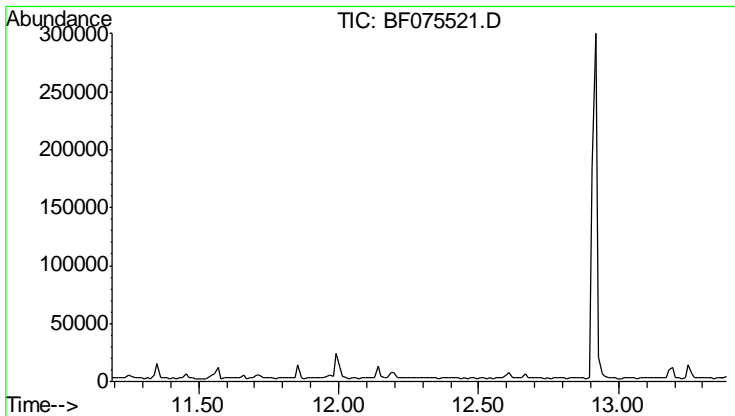
Tgt Ion:	82
Sig	Exp Ratio
82	100
128	47.2
54	62.3



#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 11.32 min
 Lab File: BF075521.D
 Acq: 15 Nov 2014 4:34

Tgt Ion:	164
Sig	Exp Ratio
164	100
162	98.9
160	43.2

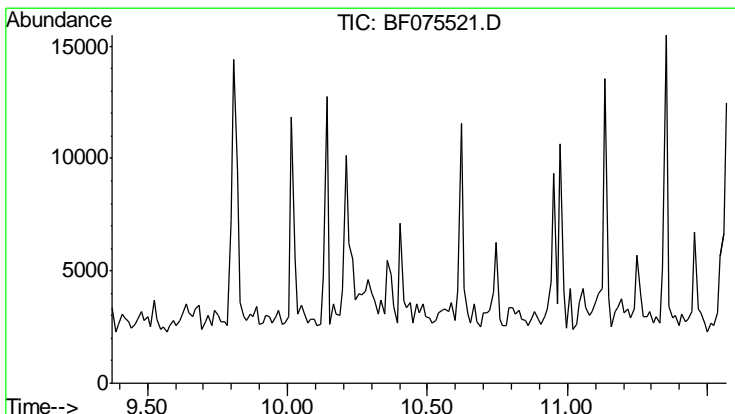
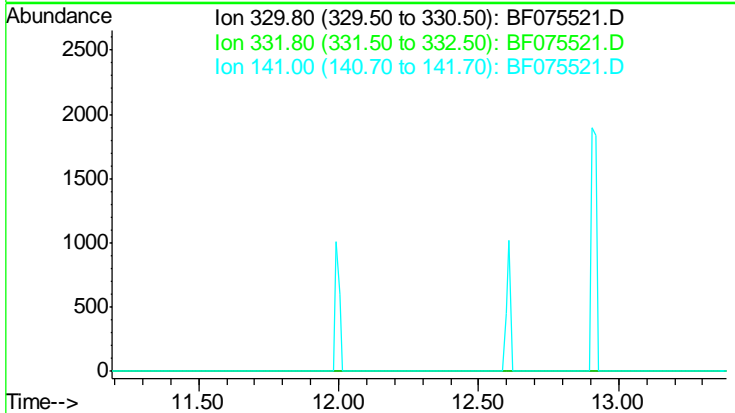




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 12.29 min
 Lab File: BF075521.D
 Acq: 15 Nov 2014 4:34

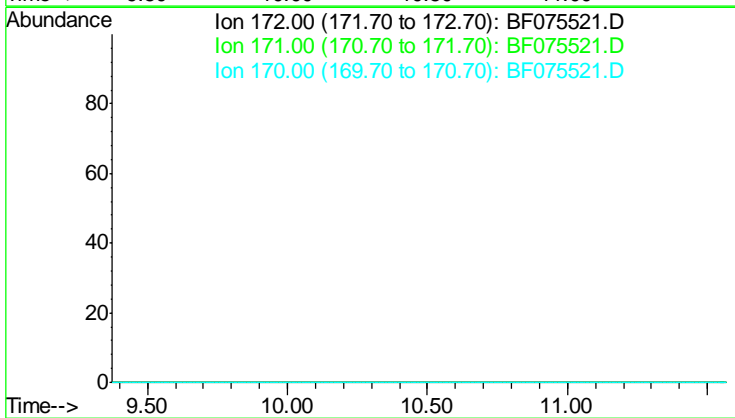
Instrument :
 BNA_F
 ClientSampled :
 DFTTP

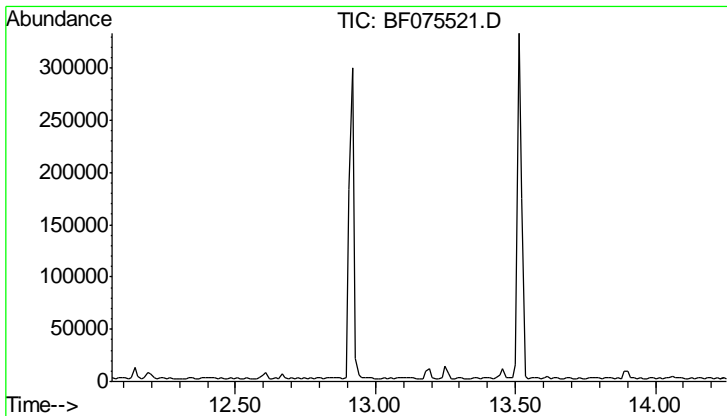
Tgt Ion	Exp Ratio
330	100
332	93.1
141	38.4



#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 10.47 min
 Lab File: BF075521.D
 Acq: 15 Nov 2014 4:34

Tgt Ion	Exp Ratio
172	100
171	34.1
170	23.0

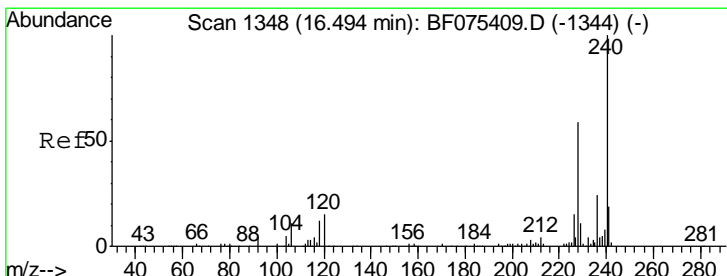
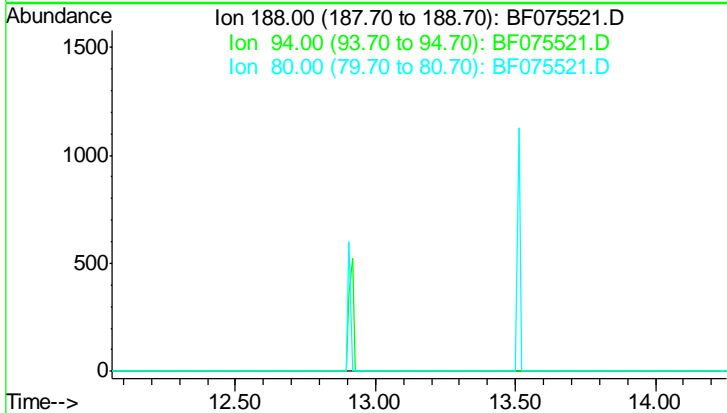




#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 13.16 min
 Lab File: BF075521.D
 Acq: 15 Nov 2014 4:34

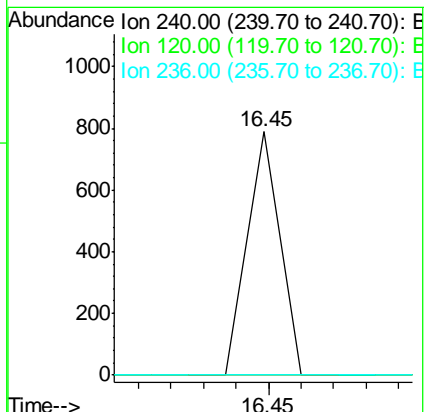
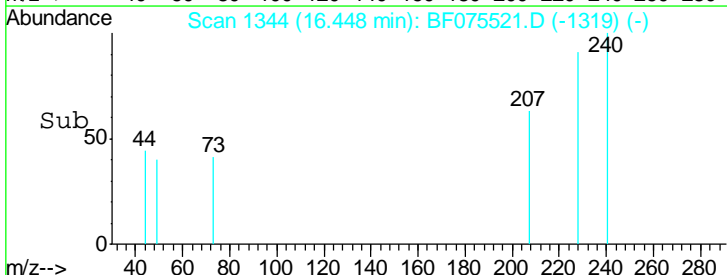
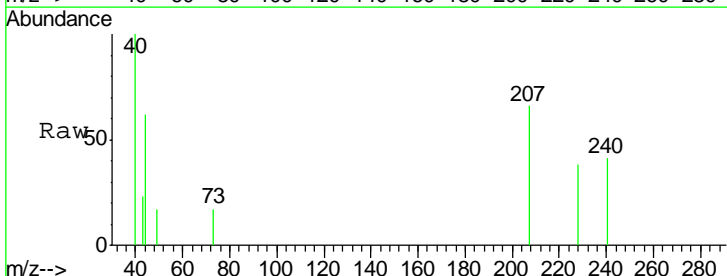
Instrument :
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 ClientSampleId :
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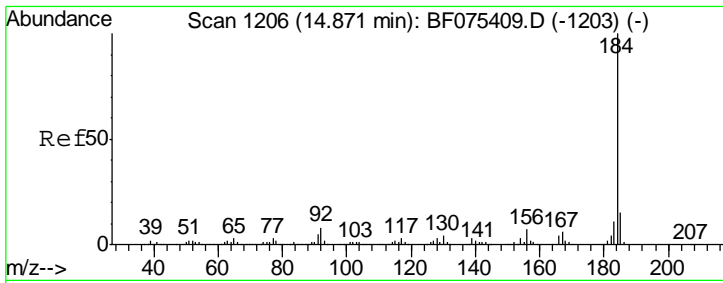
Tgt Ion: 188
 Sig Exp Ratio
 188 100
 94 9.7
 80 10.0



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.45 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: BF075521.D
 Acq: 15 Nov 2014 4:34

Tgt Ion: 240 Resp: 541
 Ion Ratio Lower Upper
 240 100
 120 0.0 9.6 14.4#
 236 0.0 18.9 28.3#

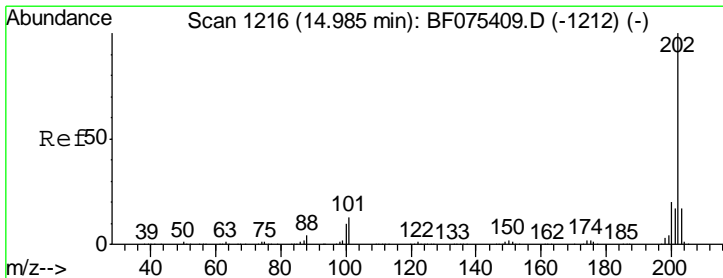
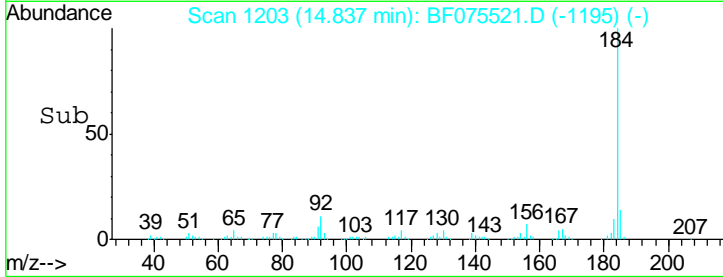
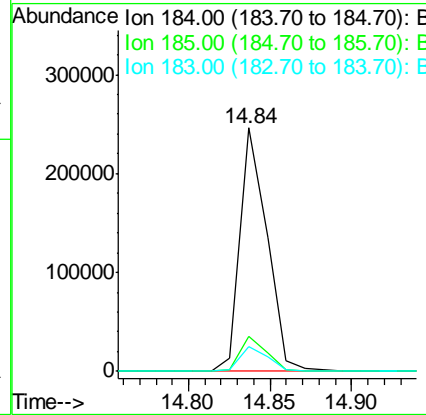
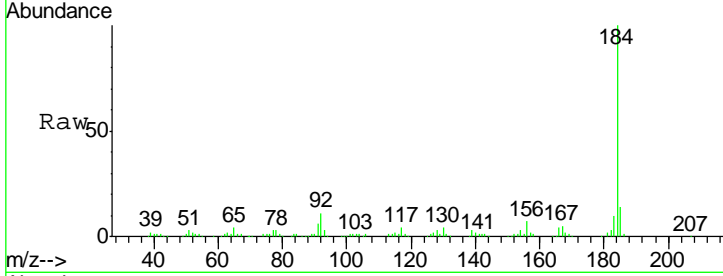




#76
Benzidine
Concen: 16385.92 ng
RT: 14.84 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF075521.D
Acq: 15 Nov 2014 4:34

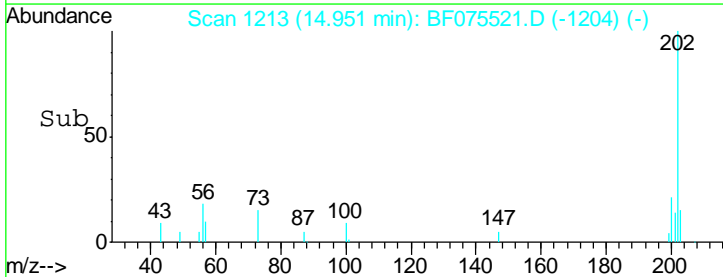
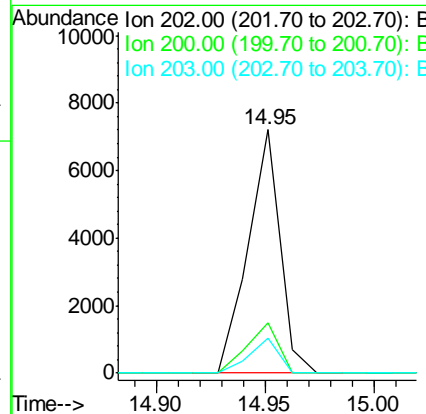
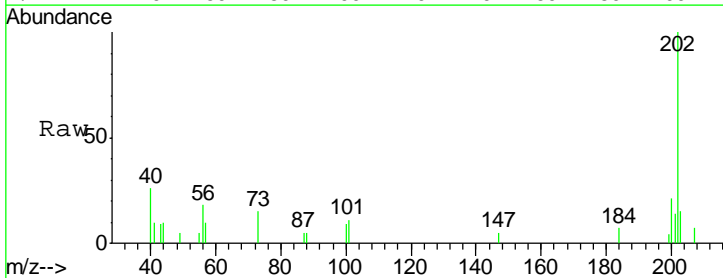
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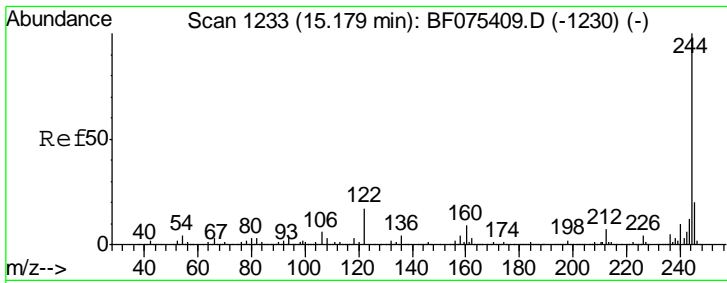
Tgt Ion	Resp	Lower	Upper
184	281881		
185	14.2	10.9	16.3
183	10.4	8.7	13.1



#77
Pyrene
Concen: 232.52 ng
RT: 14.95 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF075521.D
Acq: 15 Nov 2014 4:34

Tgt Ion	Resp	Lower	Upper
202	7313		
200	20.7	16.8	25.2
203	14.6	14.3	21.5

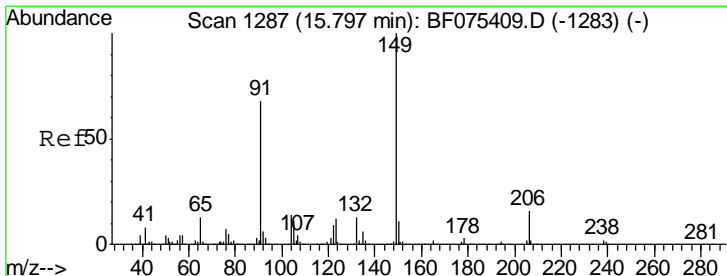
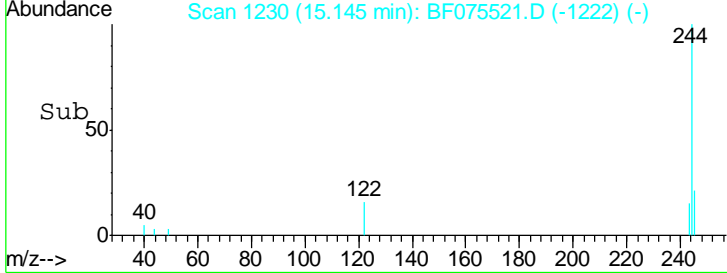
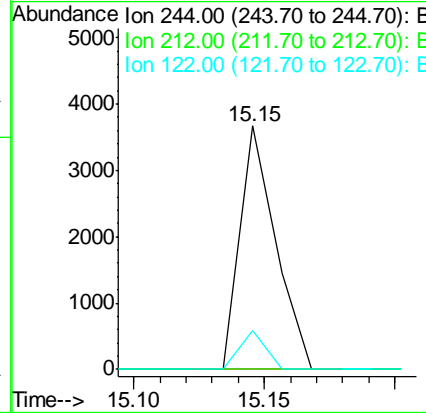
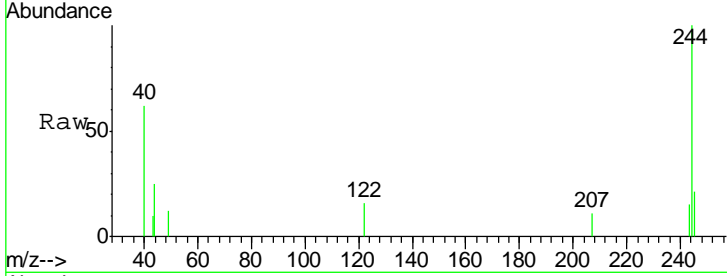




#78
 Terphenyl-d14
 Concen: 175.16 ng
 RT: 15.15 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF075521.D
 Acq: 15 Nov 2014 4:34

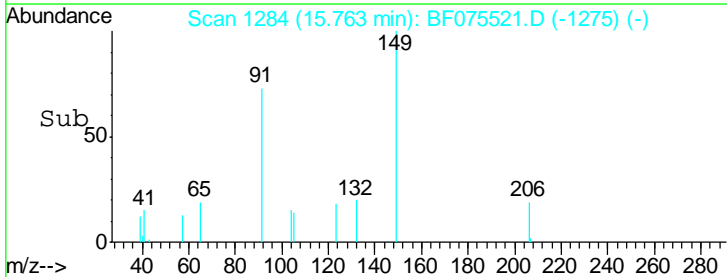
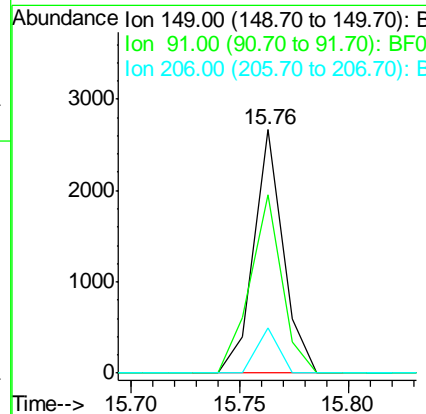
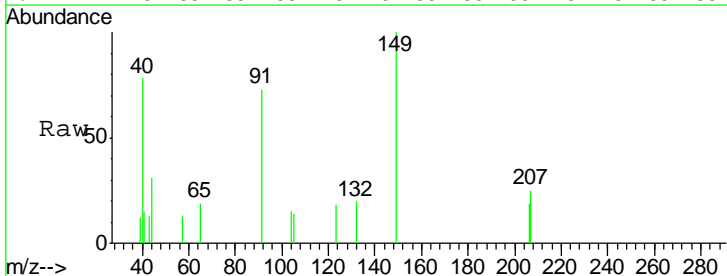
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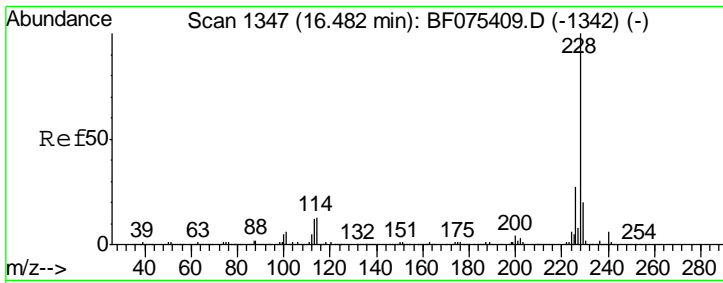
Tgt Ion	Resp	Lower	Upper
244	100		
212	0.0	5.5	8.3#
122	15.9	9.7	14.5#



#79
 Butylbenzylphthalate
 Concen: 141.71 ng
 RT: 15.76 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BF075521.D
 Acq: 15 Nov 2014 4:34

Tgt Ion	Resp	Lower	Upper
149	100		
91	73.5	49.0	73.4#
206	18.6	15.5	23.3

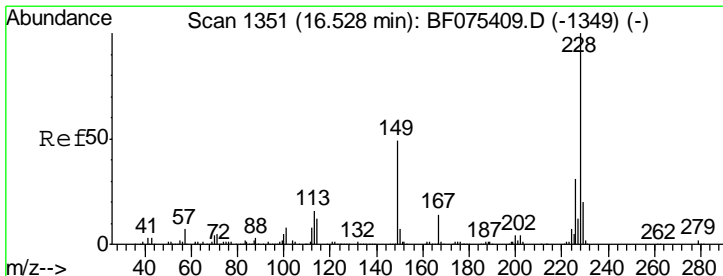
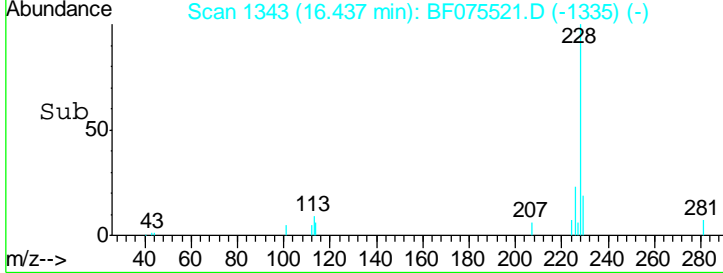
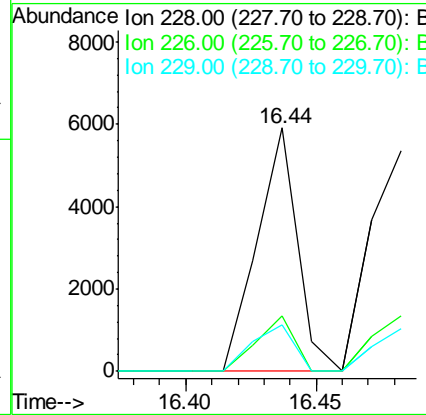
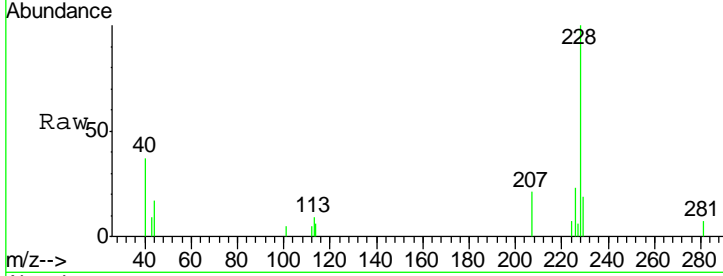




#80
 Benzo(a)anthracene
 Concen: 224.90 ng
 RT: 16.44 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF075521.D
 Acq: 15 Nov 2014 4:34

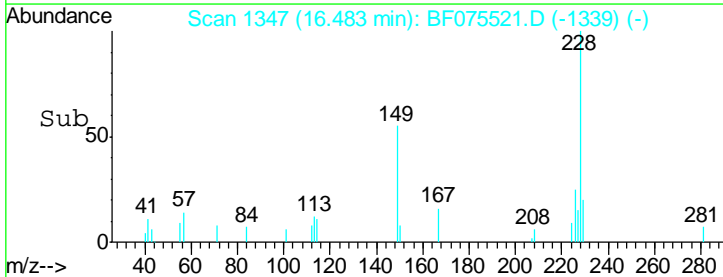
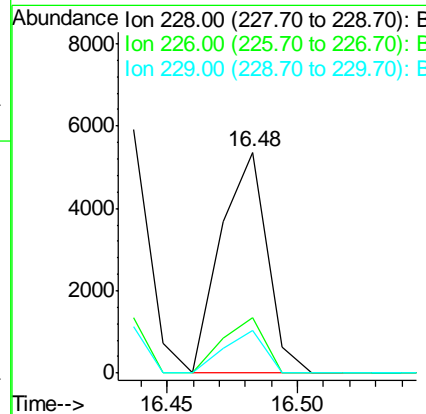
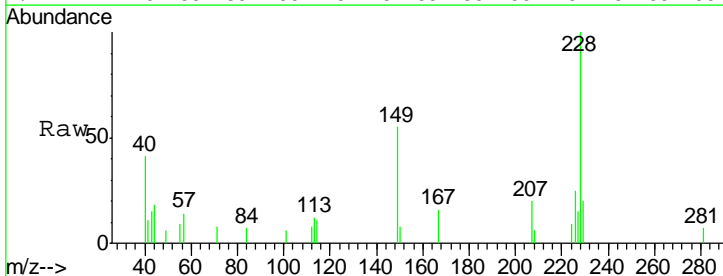
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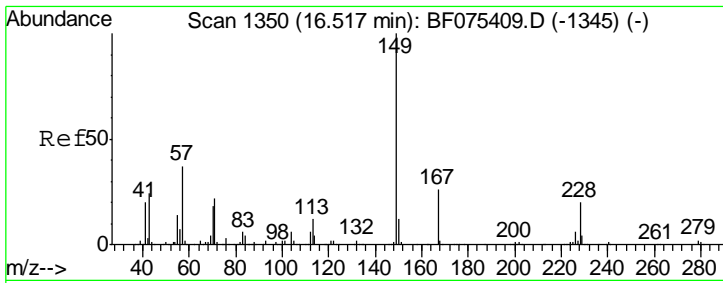
Tgt Ion	Resp	Lower	Upper
228	100		
226	23.0	21.8	32.8
229	19.1	15.3	22.9



#82
 Chrysene
 Concen: 270.41 ng
 RT: 16.48 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: BF075521.D
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Tgt Ion	Resp	Lower	Upper
228	100		
226	25.1	23.8	35.6
229	19.6	15.8	23.6

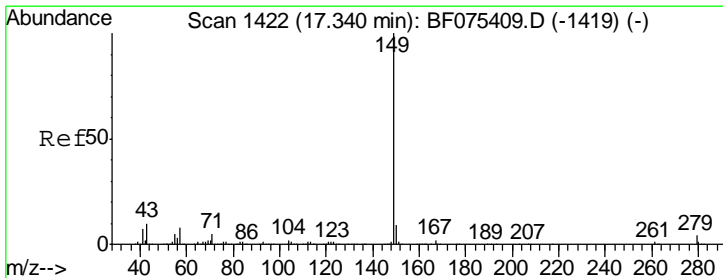
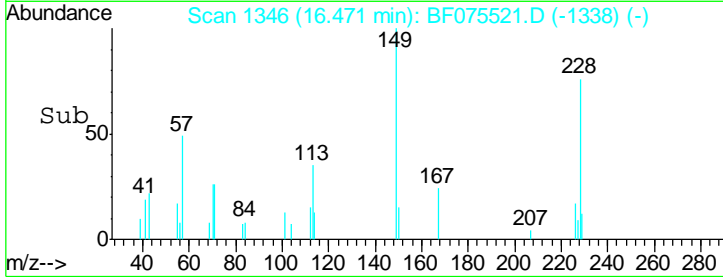
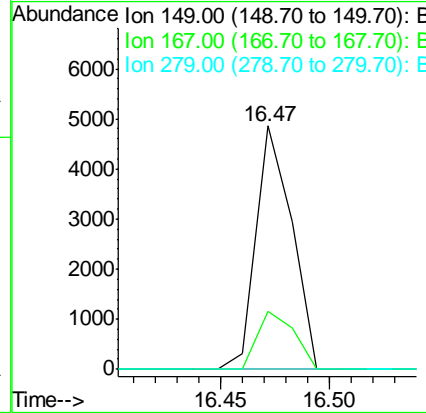
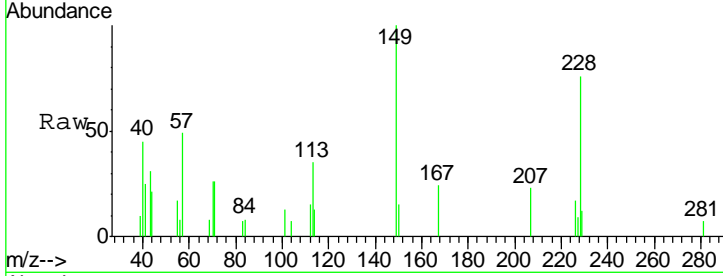




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 199.73 ng
 RT: 16.47 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF075521.D
 Acq: 15 Nov 2014 4:34

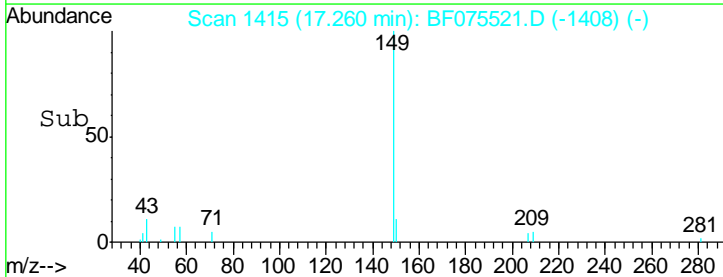
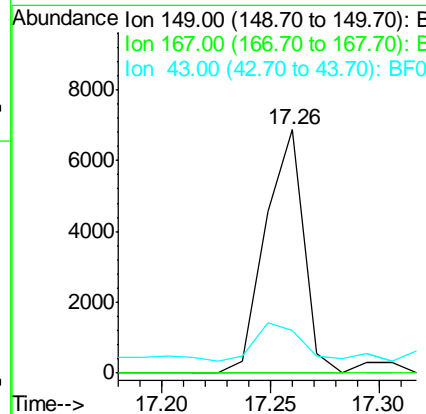
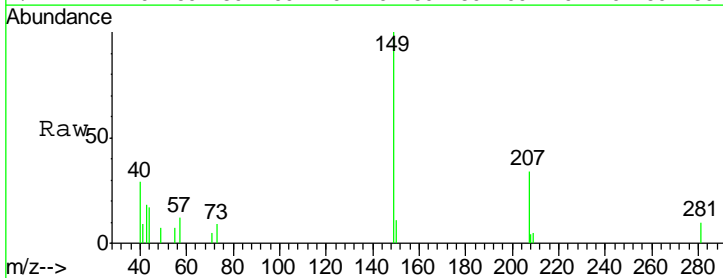
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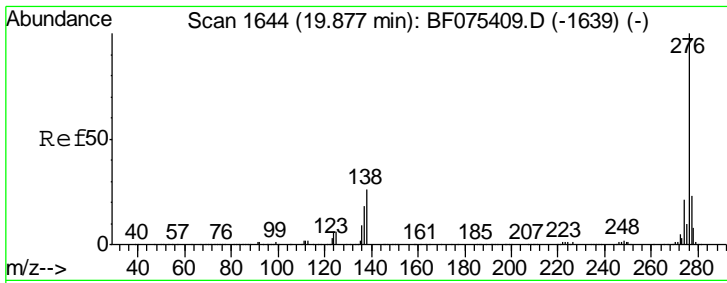
Tgt Ion	Resp	Lower	Upper
149	100		
167	23.9	21.4	32.2
279	0.0	2.8	4.2#



#84
 Di-n-octyl phthalate
 Concen: 172.44 ng
 RT: 17.26 min Scan# 1415
 Delta R.T. -0.02 min
 Lab File: BF075521.D
 Acq: 15 Nov 2014 4:34

Tgt Ion	Resp	Lower	Upper
149	100		
167	0.0	1.1	1.7#
43	19.4	11.0	16.4#

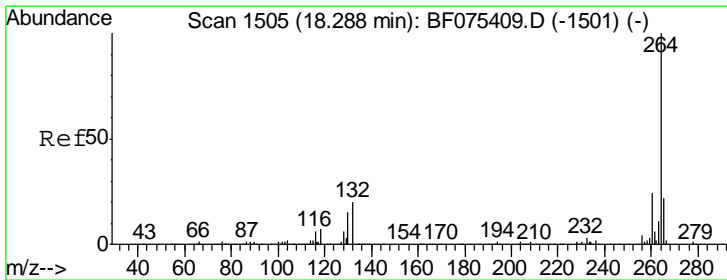
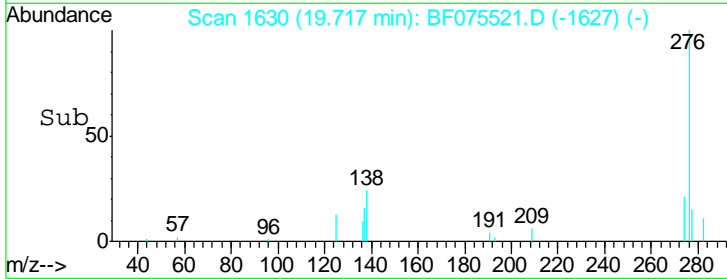
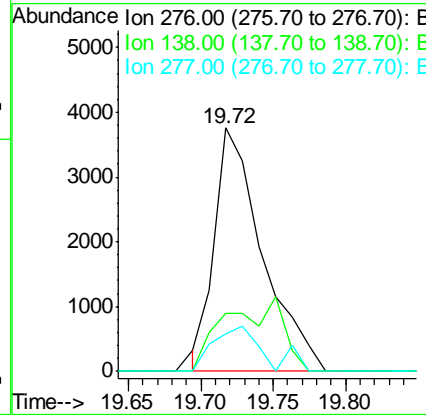
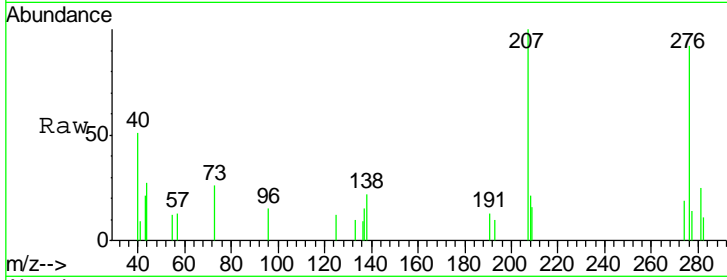




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 288.99 ng
 RT: 19.72 min Scan# 1630
 Delta R.T. -0.07 min
 Lab File: BF075521.D
 Acq: 15 Nov 2014 4:34

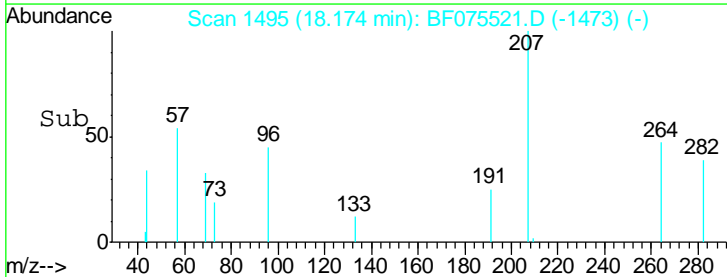
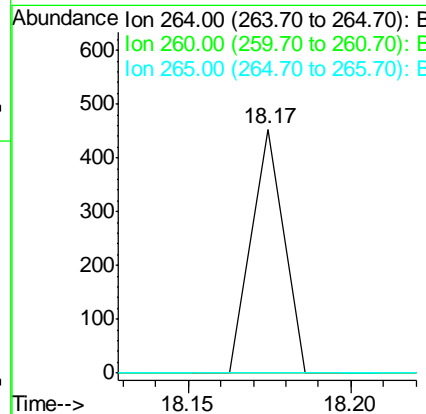
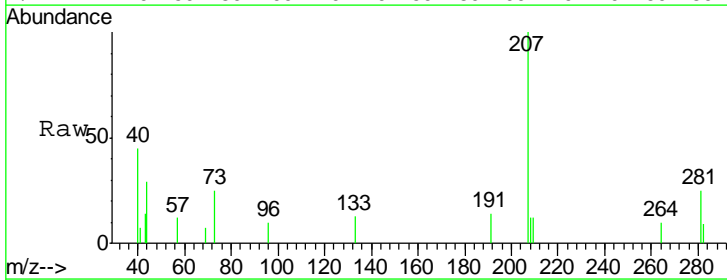
Instrument :
 BNA_F
 ClientSampled :
 DFTTP

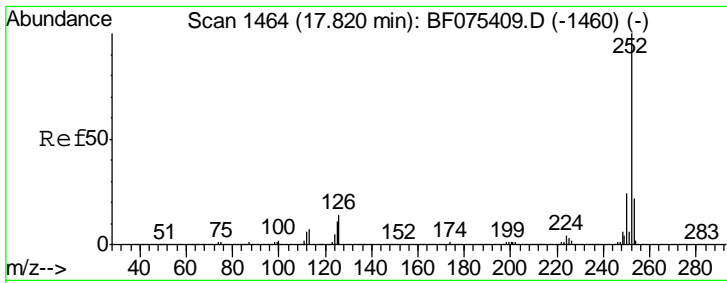
Tgt Ion	Resp	Lower	Upper
276	100		
138	0.0	0.0	0.0
277	19.6	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.17 min Scan# 1495
 Delta R.T. -0.05 min
 Lab File: BF075521.D
 Acq: 15 Nov 2014 4:34

Tgt Ion	Resp	Lower	Upper
264	100		
260	0.0	17.9	26.9#
265	0.0	16.3	24.5#

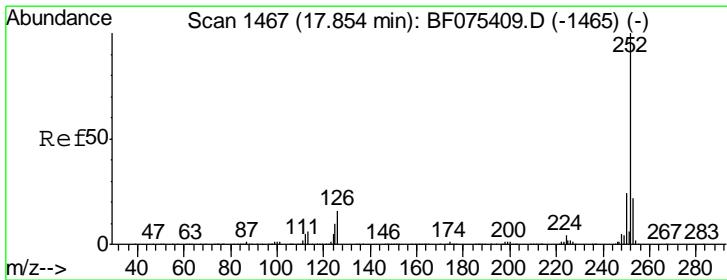
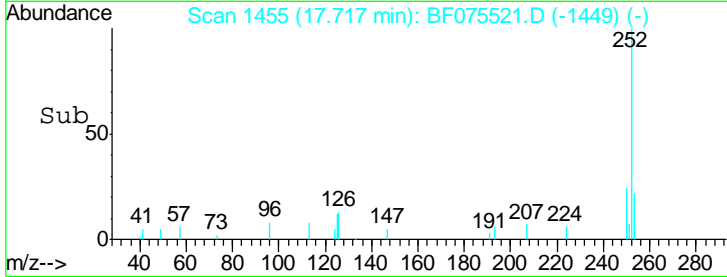
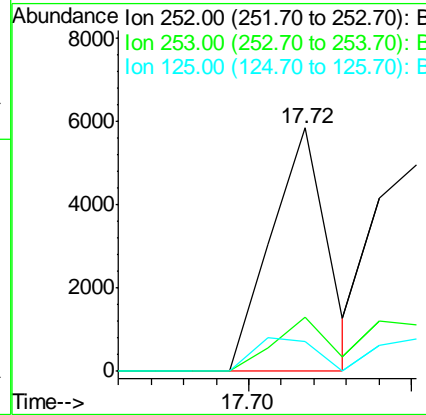
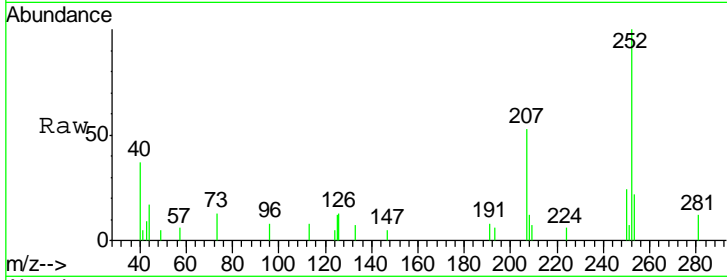




#87
 Benzo(b)fluoranthene
 Concen: 418.94 ng
 RT: 17.72 min Scan# 1455
 Delta R.T. -0.03 min
 Lab File: BF075521.D
 Acq: 15 Nov 2014 4:34

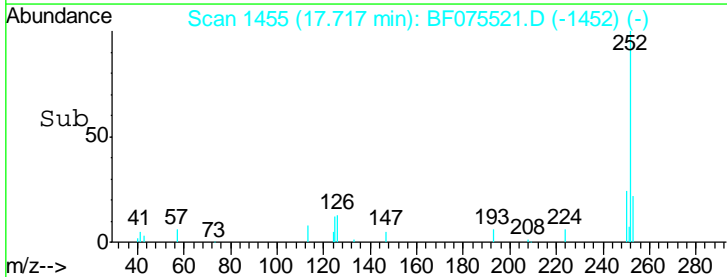
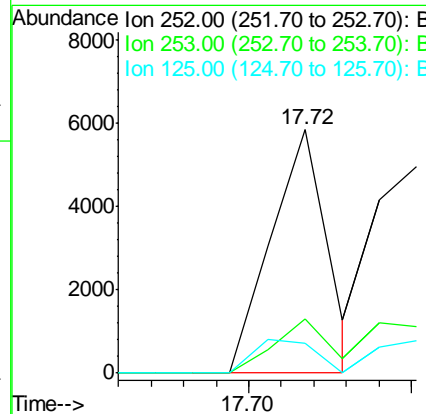
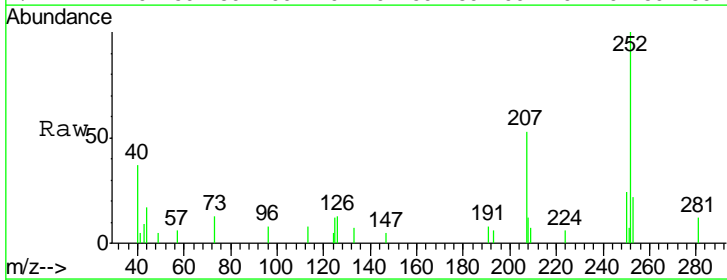
Instrument :
 BNA_F
 ClientSampled :
 DFTTP

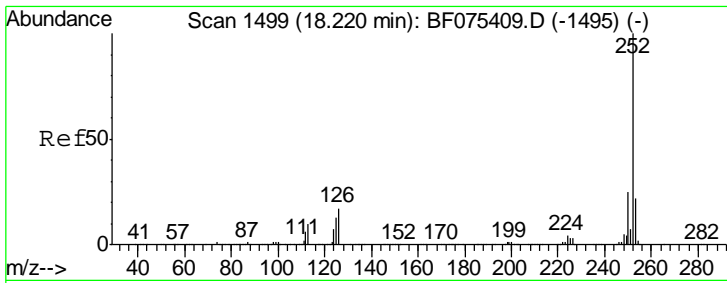
Tgt Ion	Resp	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	12.4	11.8	17.6



#88
 Benzo(k)fluoranthene
 Concen: 466.81 ng
 RT: 17.72 min Scan# 1455
 Delta R.T. -0.07 min
 Lab File: BF075521.D
 Acq: 15 Nov 2014 4:34

Tgt Ion	Resp	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	12.4	11.6	17.4

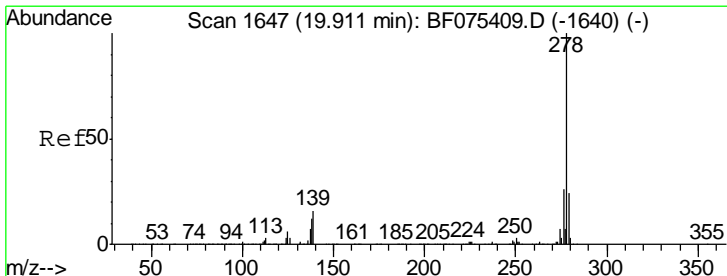
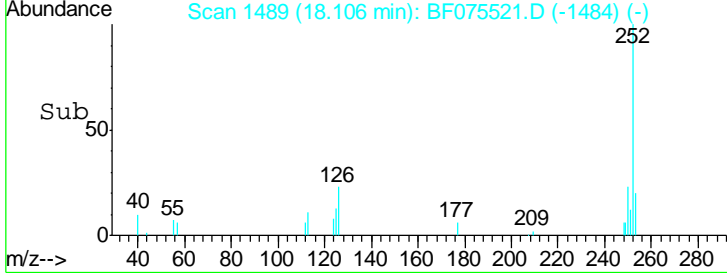
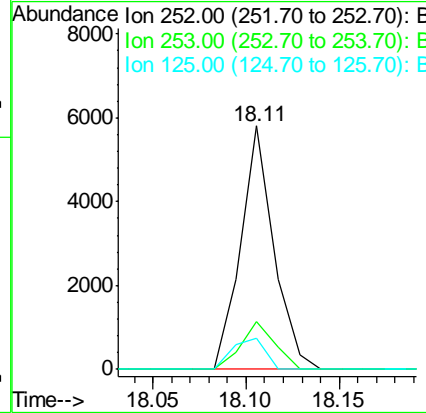
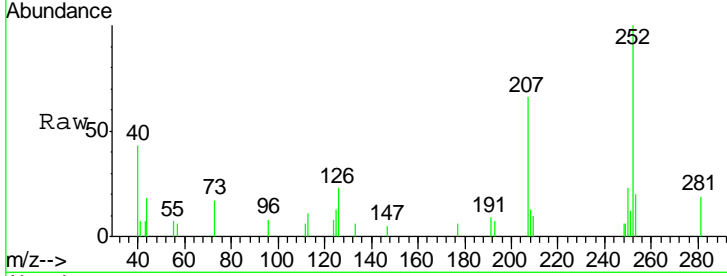




#89
 Benzo(a)pyrene
 Concen: 481.58 ng
 RT: 18.11 min Scan# 1489
 Delta R.T. -0.05 min
 Lab File: BF075521.D
 Acq: 15 Nov 2014 4:34

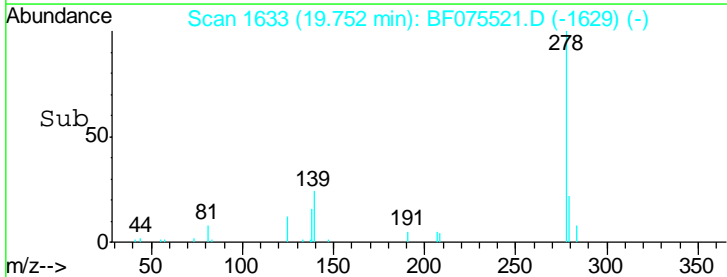
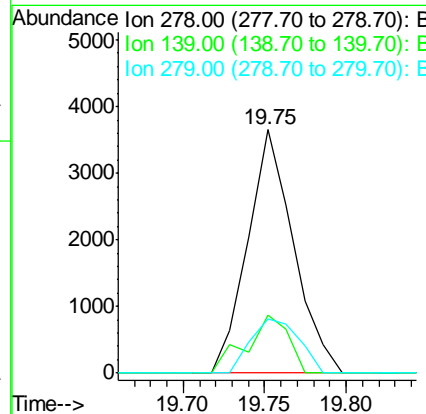
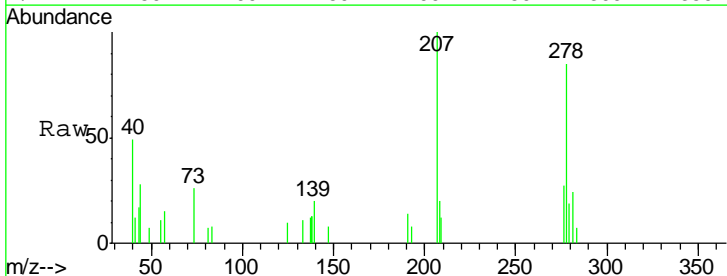
Instrument :
 BNA_F
 ClientSampled :
 DFTTP

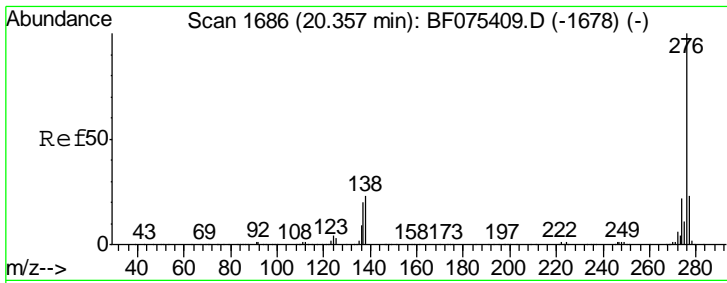
Tgt Ion	Resp	Lower	Upper
252	100		
253	19.7	17.1	25.7
125	12.8	12.2	18.4



#90
 Dibenzo(a,h)anthracene
 Concen: 456.97 ng
 RT: 19.75 min Scan# 1633
 Delta R.T. -0.06 min
 Lab File: BF075521.D
 Acq: 15 Nov 2014 4:34

Tgt Ion	Resp	Lower	Upper
278	100		
139	23.8	13.6	20.4#
279	22.4	19.4	29.0





#91
 Benzo(g,h,i)perylene
 Concen: 503.12 ng
 RT: 20.19 min Scan# 1671
 Delta R.T. -0.07 min
 Lab File: BF075521.D
 Acq: 15 Nov 2014 4:34

Instrument :
 BNA_F
 ClientSampleId :
 DFTTP

Tgt Ion	Resp	Lower	Upper
276	7448		
277	16.2	17.8	26.8#
138	29.1	22.8	34.2

