Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091198.D
Acq On : 16 Nov 2016 19:54
Operator : UM/SJ
Sample : H5636-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C19033041

Quant Time: Nov 16 23:54:12 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	159015	20.00	ng		-0.05
21) Naphthalene-d8	7.90	136	691127	20.00	ng		-0.05
38) Acenaphthene-d10	9.65	164	356230	20.00	ng		-0.05
63) Phenanthrene-d10	11.14	188	622994	20.00	ng		-0.03
75) Chrysene-d12	13.77	240	492342	20.00	ng		-0.05
86) Perylene-d12	15.14	264	371912	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	612493	63.61	ng		-0.05
7) Phenol-d6	6.27	99	497928	38.10	ng		-0.05
23) Nitrobenzene-d5	7.20	82	1278145	100.88	ng		-0.05
41) 2,4,6-Tribromophenol	10.45	330	495200	153.76	ng		-0.03
44) 2-Fluorobiphenyl	8.99	172	1956082	94.54	ng		-0.05
78) Terphenyl-d14	12.73	244	1976114	100.16	ng		-0.03
Target Compounds							Qvalue
9) Benzaldehyde	6.38	77	27145	3.74	ng		86
10) Phenol	6.28	94	38714	2.68	ng	#	70
15) Benzyl Alcohol	6.77	79	21279	2.31	ng	#	47
18) Hexachloroethane	7.20	117	229830	47.65	ng	#	9
19) n-Nitroso-di-n-propylamine	7.20	70	180488	19.93	ng	#	75
25) Isophorone	7.20	82	1219938	49.97	ng	#	67
31) Naphthalene	7.93	128	561966	17.00	ng		98
32) Benzoic acid	7.74	122	828	5.17	ng	#	1
33) 4-Chloroaniline	7.93	127	94047	6.84	ng	#	36
35) Caprolactam	8.36	113	23123	8.61	ng	#	81
37) 2-Methylnaphthalene	8.62	142	145995	6.87	ng		98
49) Dimethylphthalate	9.39	163	132132	5.66	ng		100
50) 2,6-Dinitrotoluene	9.36	165	12184	2.43	ng	#	80
51) Acenaphthene	9.69	154	87314	4.52	ng		98
53) 2,4-Dinitrophenol	9.81	184	227	6.34	ng	#	1
54) Dibenzofuran	9.87	168	134229	5.16	ng	#	83
55) 4-Nitrophenol	9.77	139	18063	9.97	ng	#	33
57) Fluorene	10.20	166	159242	7.49	ng	#	95
66) 4-Bromophenyl-phenylether	10.45	248	33529	5.17	ng	#	1
70) Phenanthrene	11.16	178	226746	6.85	ng		98
71) Anthracene	11.16	178	226746	6.44	ng		99

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

Quantitation Report (Not Reviewed)

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Acq On : 16 Nov 2016 19:54
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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C19033041

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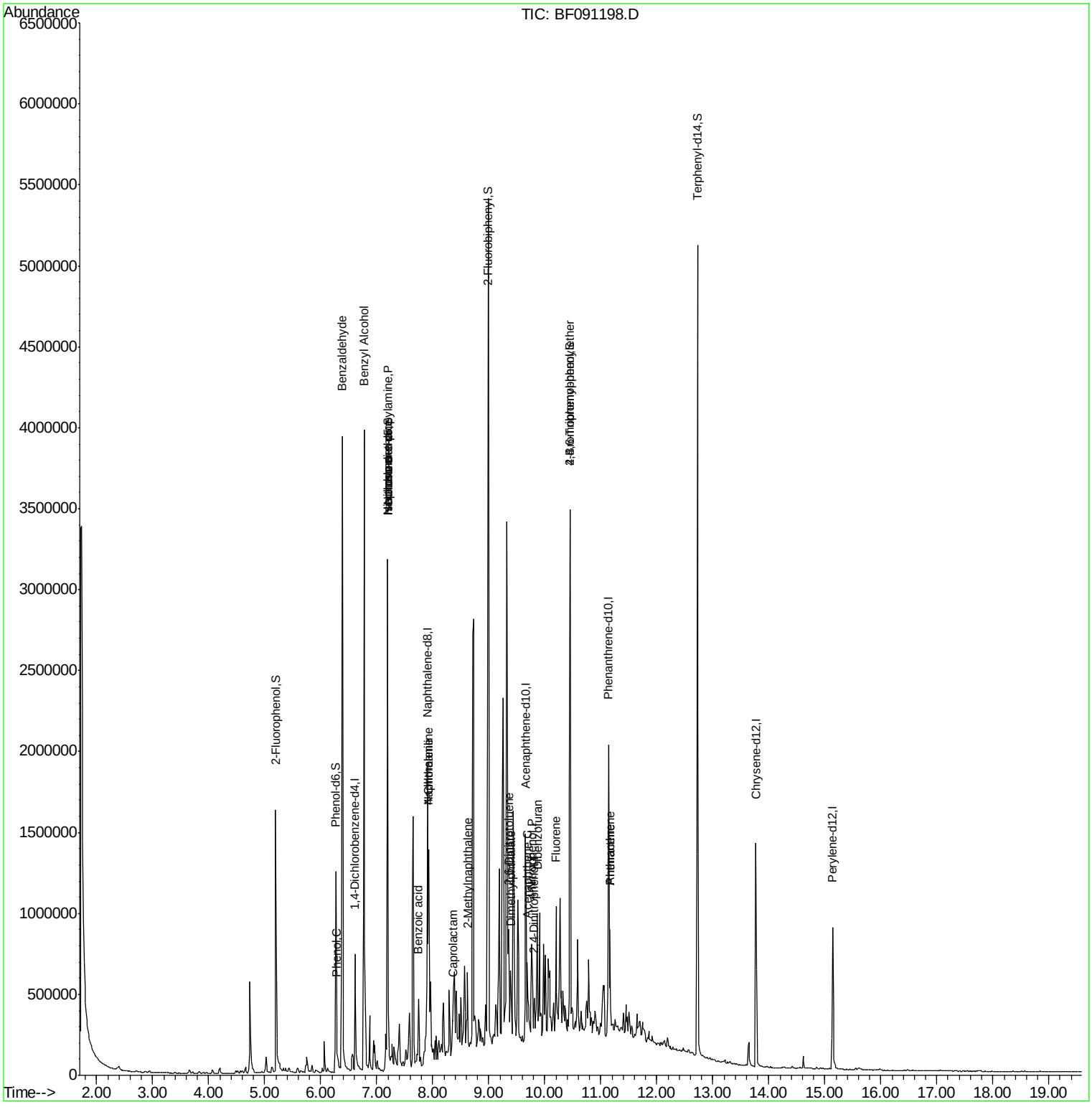
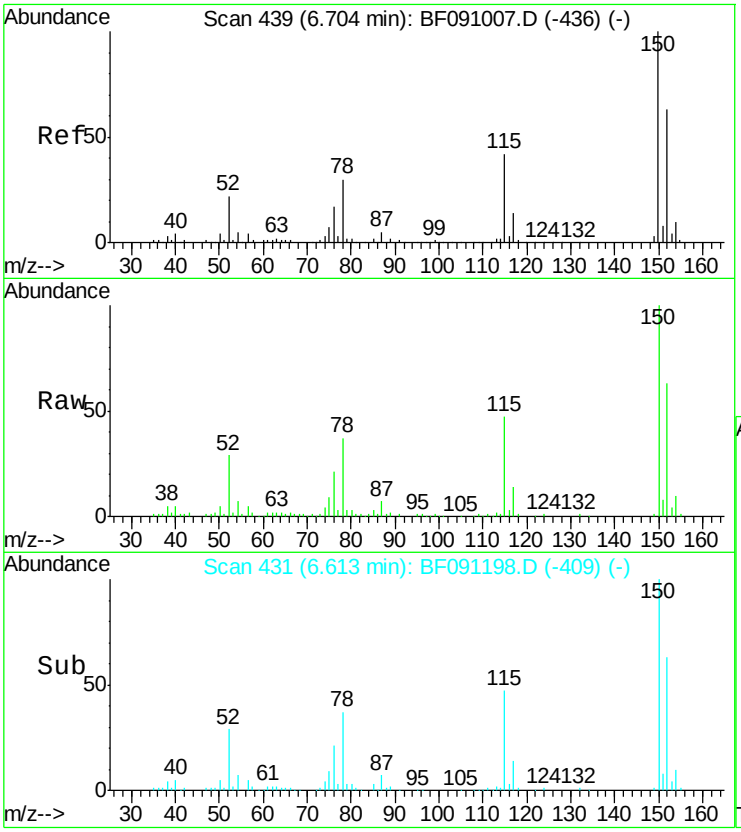
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration



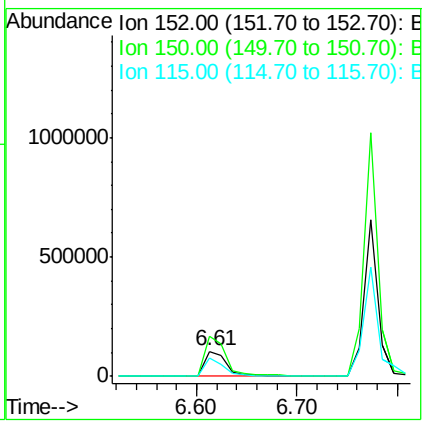


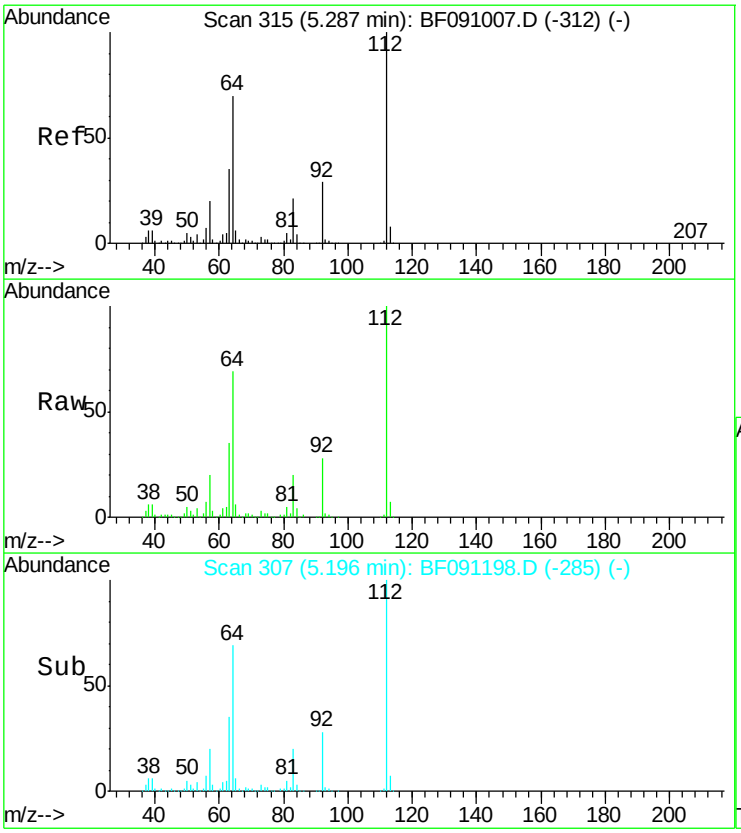
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.61 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF091198.D
Acq: 16 Nov 2016 19:54

Instrument :
BNA_F
ClientSampleId :
C19033041

Tgt Ion:152 Resp: 159015

Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.8	190.2
115	74.2	53.3	79.9

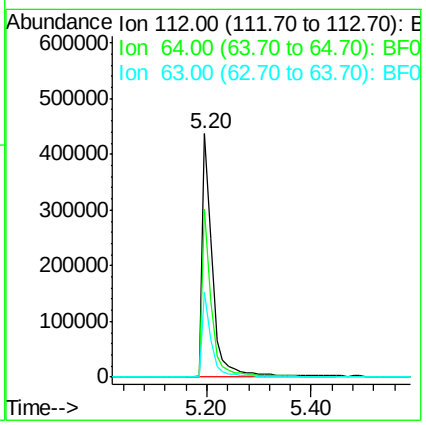


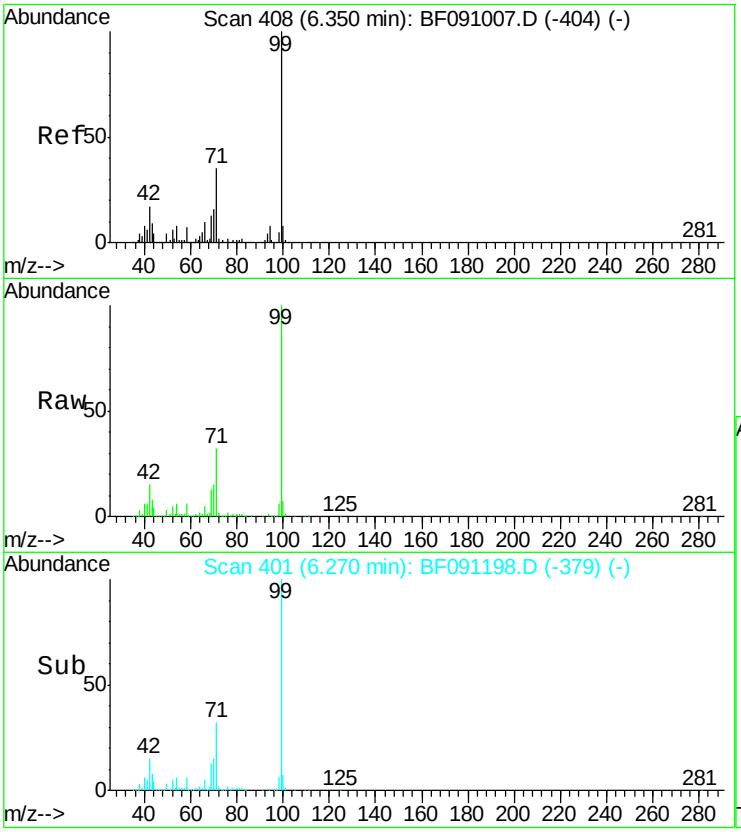


#5
2-Fluorophenol
Concen: 63.61 ng
RT: 5.20 min Scan# 307
Delta R.T. -0.05 min
Lab File: BF091198.D
Acq: 16 Nov 2016 19:54

Tgt Ion:112 Resp: 612493

Ion	Ratio	Lower	Upper
112	100		
64	69.1	55.8	83.6
63	35.0	28.0	42.0



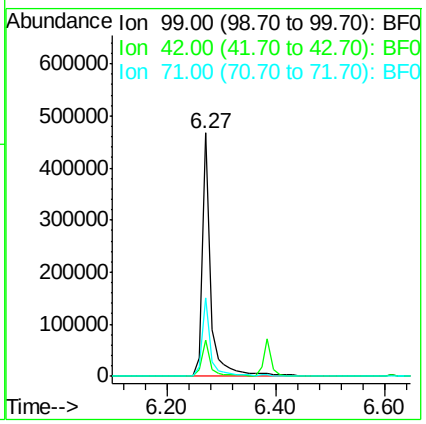


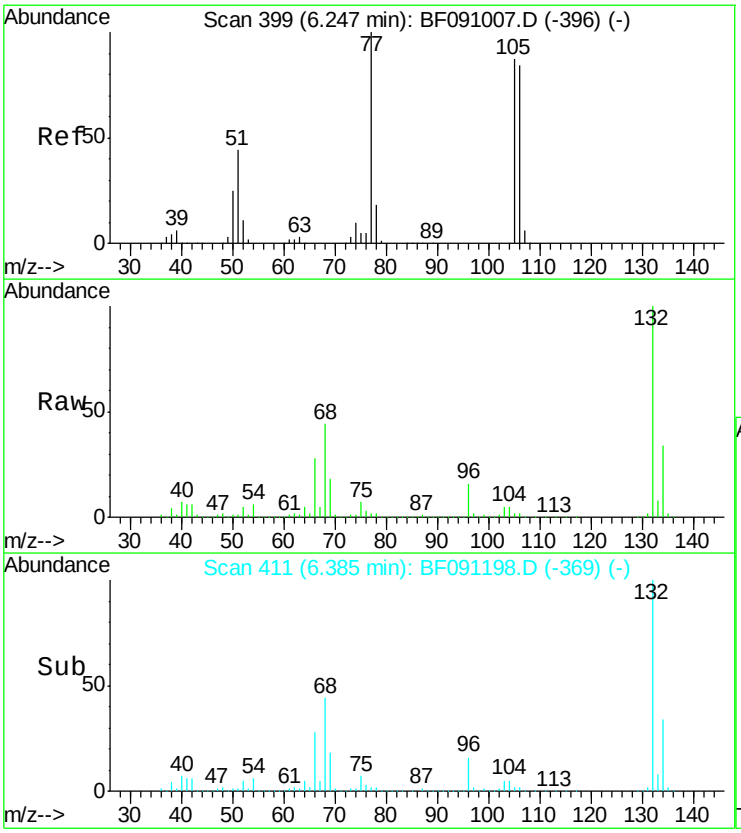
#7
Phenol-d6
Concen: 38.10 ng
RT: 6.27 min Scan# 401
Delta R.T. -0.05 min
Lab File: BF091198.D
Acq: 16 Nov 2016 19:54

Instrument :
BNA_F
ClientSampleId :
C19033041

Tgt Ion: 99 Resp: 497928

Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.9	20.9
71	32.0	27.8	41.8

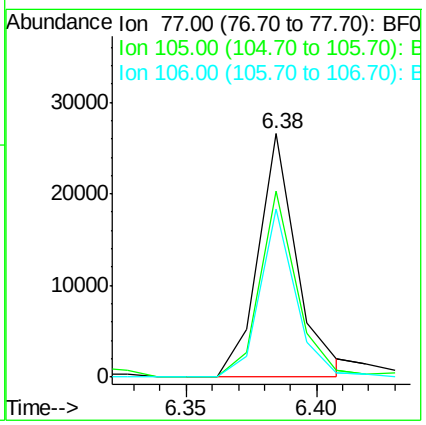


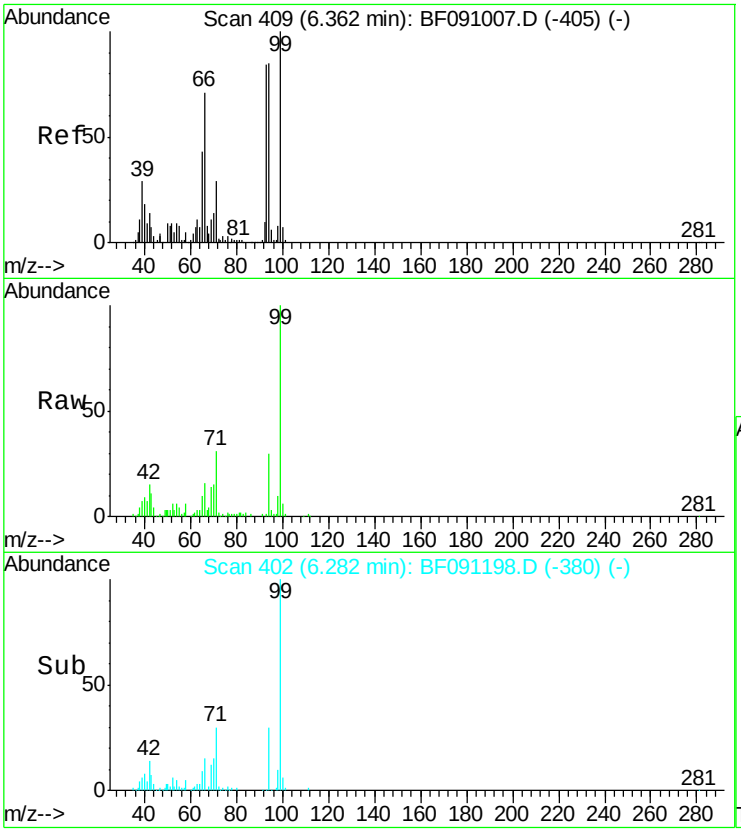


#9
Benzaldehyde
Concen: 3.74 ng
RT: 6.38 min Scan# 411
Delta R.T. 0.18 min
Lab File: BF091198.D
Acq: 16 Nov 2016 19:54

Tgt Ion: 77 Resp: 27145

Ion	Ratio	Lower	Upper
77	100		
105	76.2	66.8	106.8
106	69.0	64.0	104.0



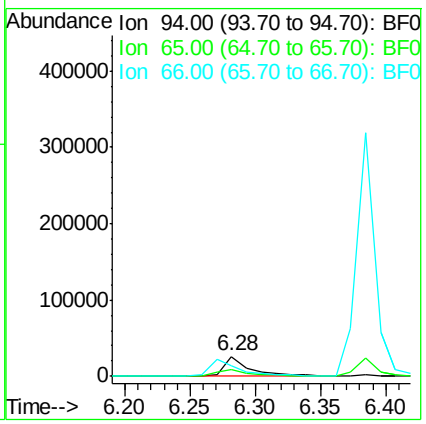


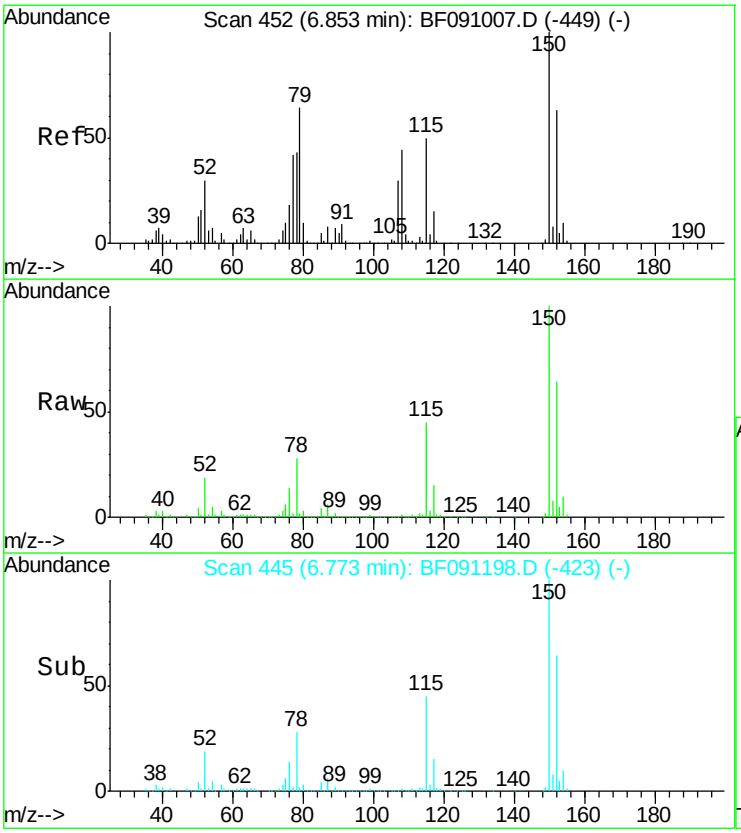
#10
Phenol
Concen: 2.68 ng
RT: 6.28 min Scan# 402
Delta R.T. -0.05 min
Lab File: BF091198.D
Acq: 16 Nov 2016 19:54

Instrument :
BNA_F
ClientSampleId :
C19033041

Tgt Ion: 94 Resp: 38714

Ion	Ratio	Lower	Upper
94	100		
65	32.8	30.4	70.4
66	52.9	62.9	102.9#

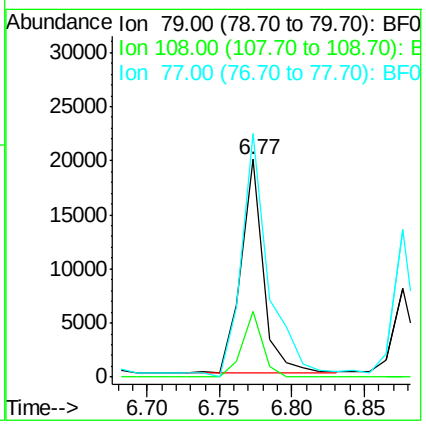


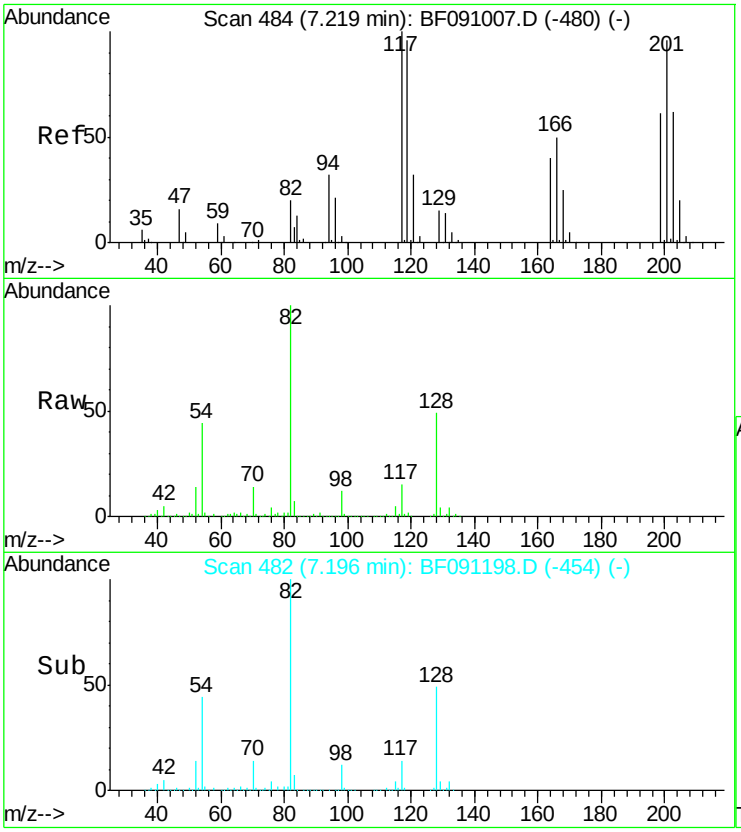


#15
Benzyl Alcohol
Concen: 2.31 ng
RT: 6.77 min Scan# 445
Delta R.T. -0.05 min
Lab File: BF091198.D
Acq: 16 Nov 2016 19:54

Tgt Ion: 79 Resp: 21279

Ion	Ratio	Lower	Upper
79	100		
108	30.2	55.7	83.5#
77	111.9	52.6	79.0#



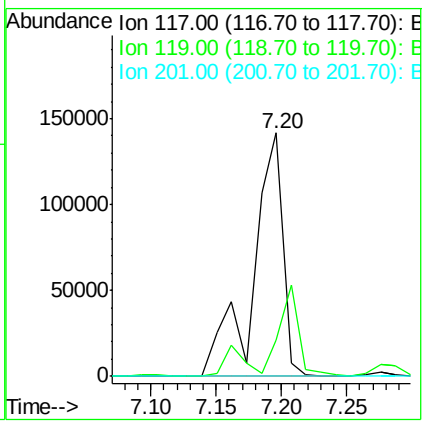


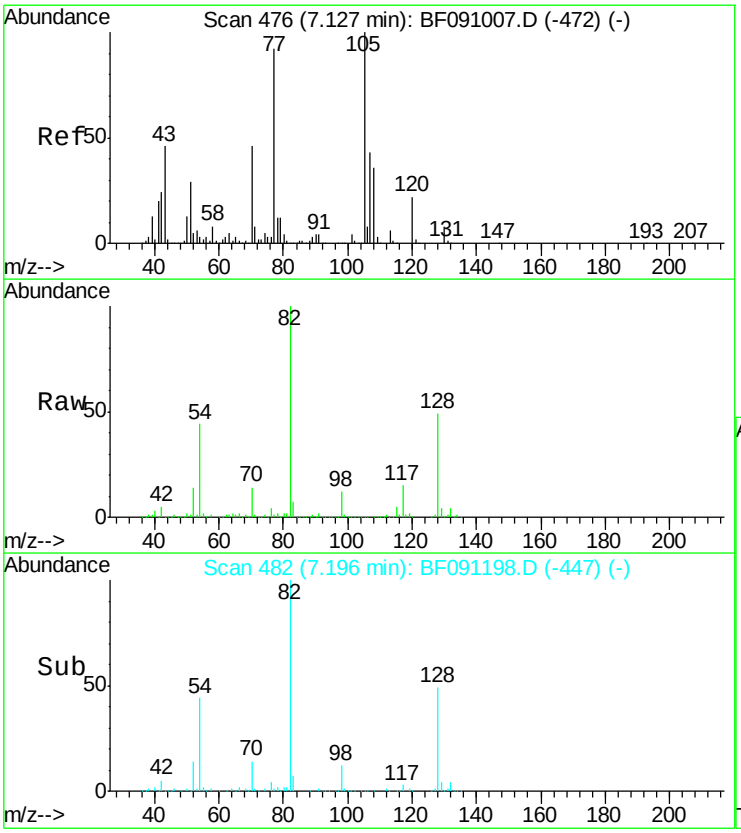
#18
Hexachloroethane
Concen: 47.65 ng
RT: 7.20 min Scan# 482
Delta R.T. 0.02 min
Lab File: BF091198.D
Acq: 16 Nov 2016 19:54

Instrument :
BNA_F
ClientSampleId :
C19033041

Tgt Ion:117 Resp: 229830

Ion	Ratio	Lower	Upper
117	100		
119	15.0	76.6	115.0#
201	0.0	77.1	115.7#

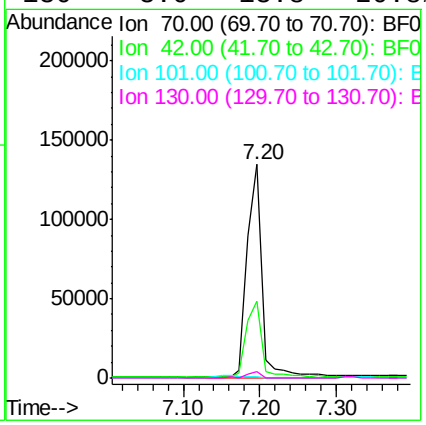


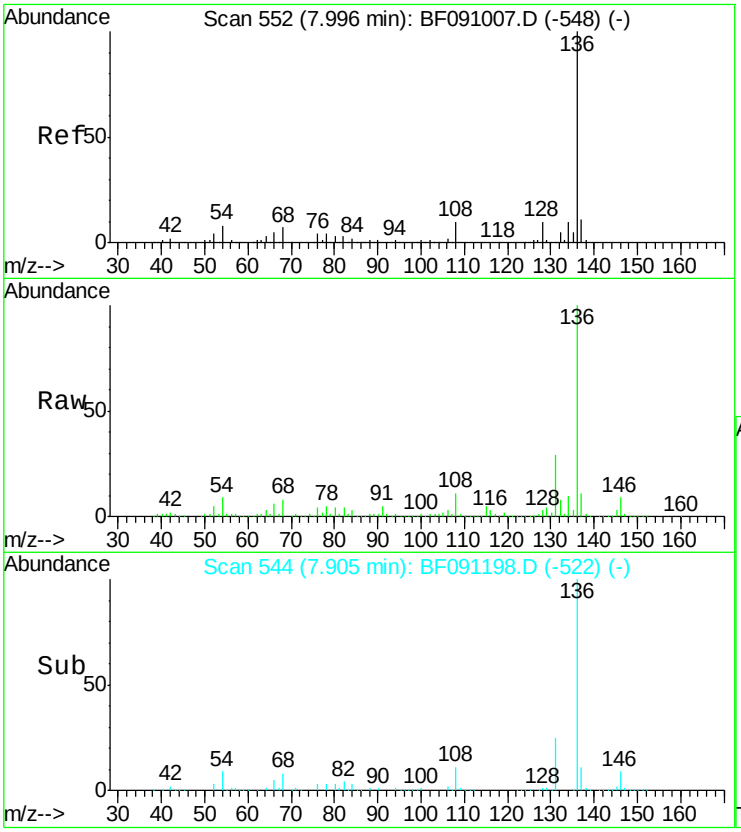


#19
n-Nitroso-di-n-propylamine
Concen: 19.93 ng
RT: 7.20 min Scan# 482
Delta R.T. 0.10 min
Lab File: BF091198.D
Acq: 16 Nov 2016 19:54

Tgt Ion: 70 Resp: 180488

Ion	Ratio	Lower	Upper
70	100		
42	36.0	41.7	62.5#
101	0.5	6.7	10.1#
130	3.0	13.8	20.8#



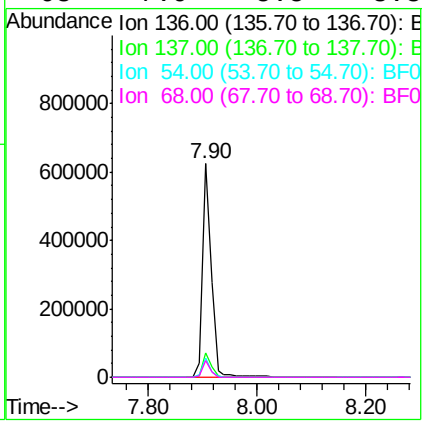


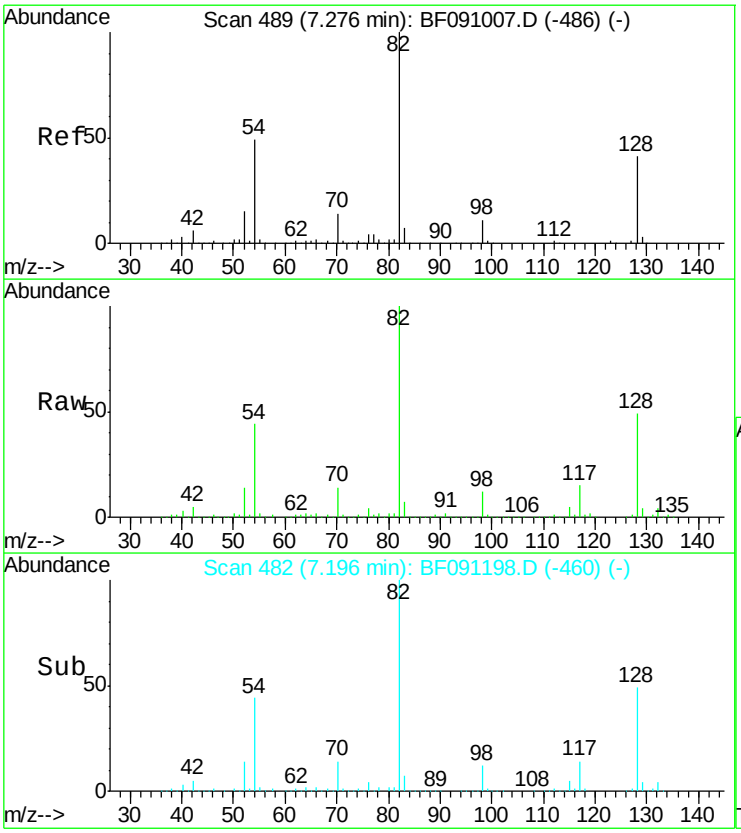
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 544
Delta R.T. -0.05 min
Lab File: BF091198.D
Acq: 16 Nov 2016 19:54

Instrument :
BNA_F
ClientSampleId :
C19033041

Tgt Ion:136 Resp: 691127

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.1	6.2	9.2
68	7.9	5.5	8.3

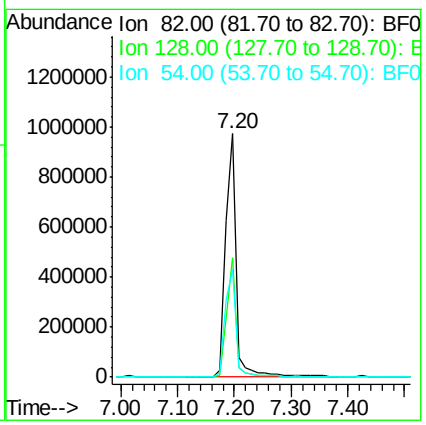


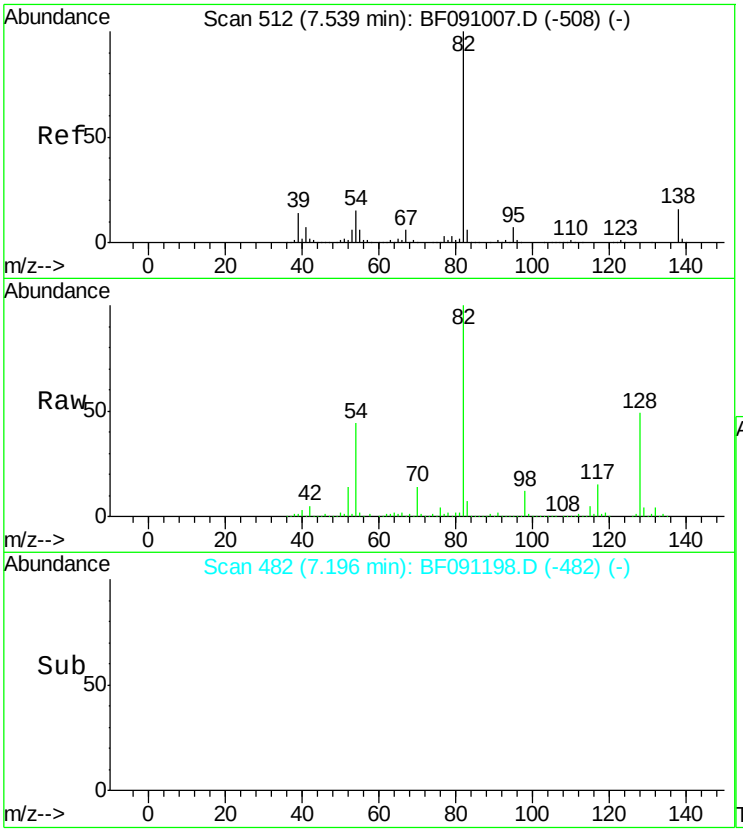


#23
Nitrobenzene-d5
Concen: 100.88 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.05 min
Lab File: BF091198.D
Acq: 16 Nov 2016 19:54

Tgt Ion: 82 Resp: 1278145

Ion	Ratio	Lower	Upper
82	100		
128	49.1	32.4	48.6#
54	44.5	39.2	58.8



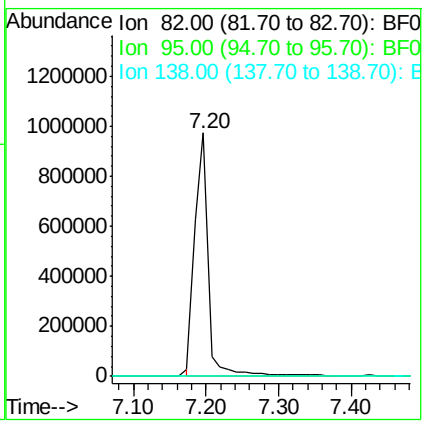


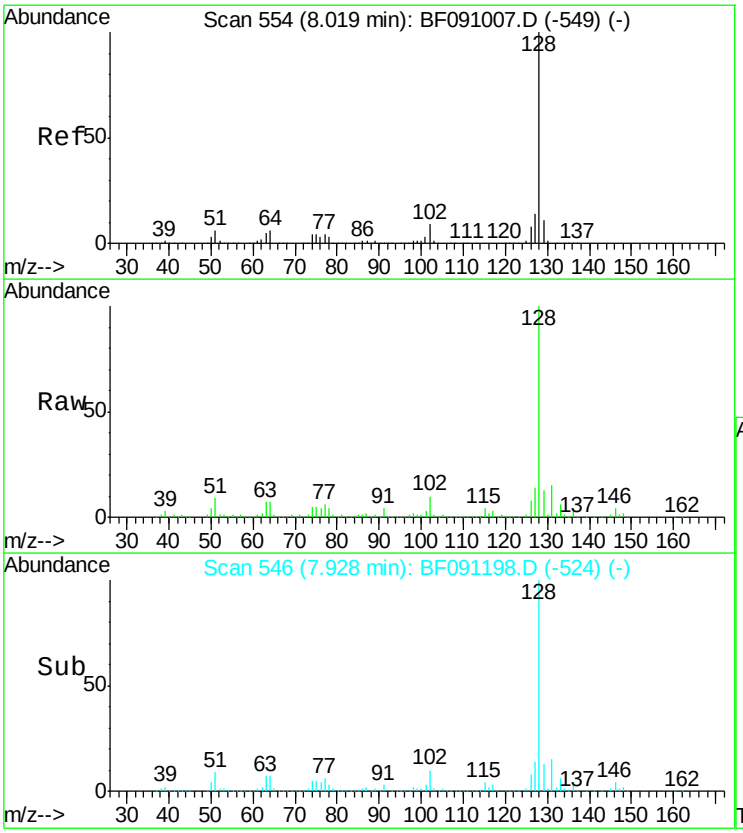
#25
Isophorone
Concen: 49.97 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.30 min
Lab File: BF091198.D
Acq: 16 Nov 2016 19:54

Instrument :
BNA_F
ClientSampleId :
C19033041

Tgt Ion: 82 Resp: 1219938

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.0#
138	0.0	13.0	19.4#

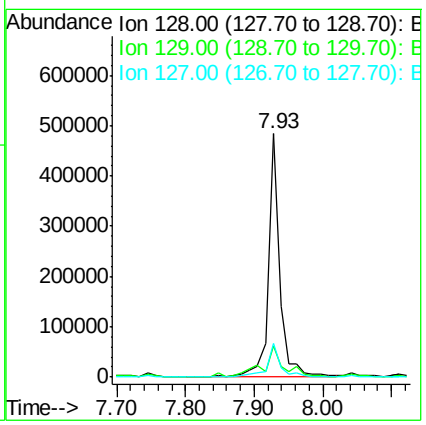


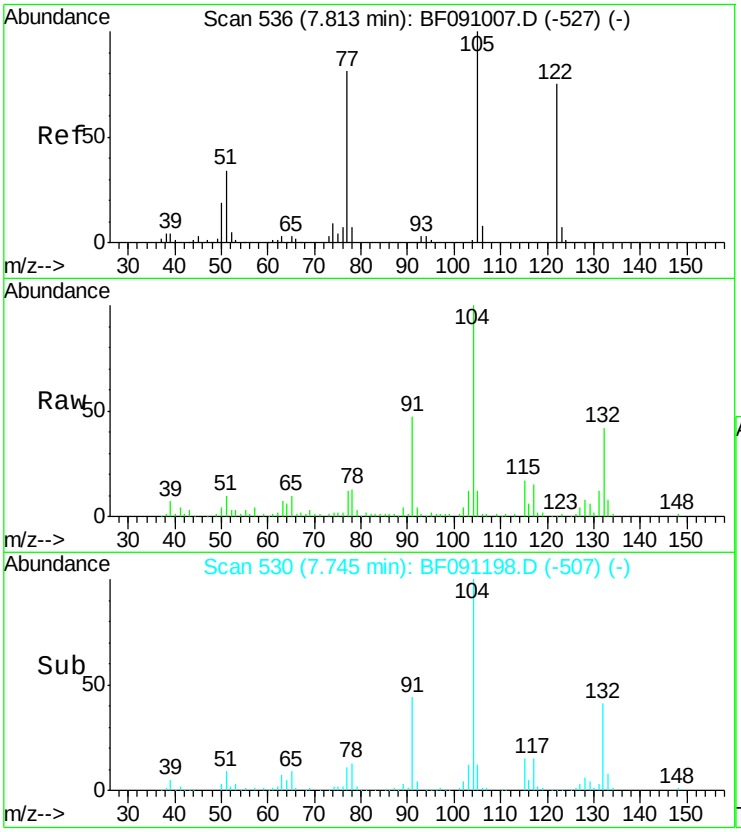


#31
Naphthalene
Concen: 17.00 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.05 min
Lab File: BF091198.D
Acq: 16 Nov 2016 19:54

Tgt Ion:128 Resp: 561966

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.0	13.6
127	13.9	10.9	16.3



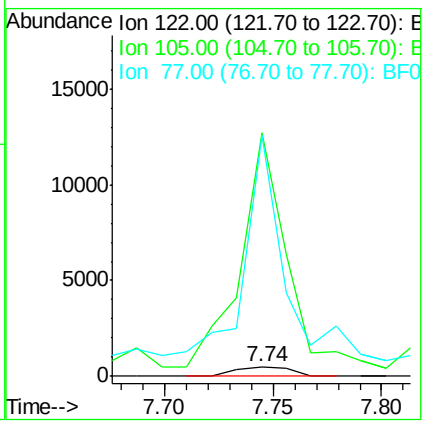


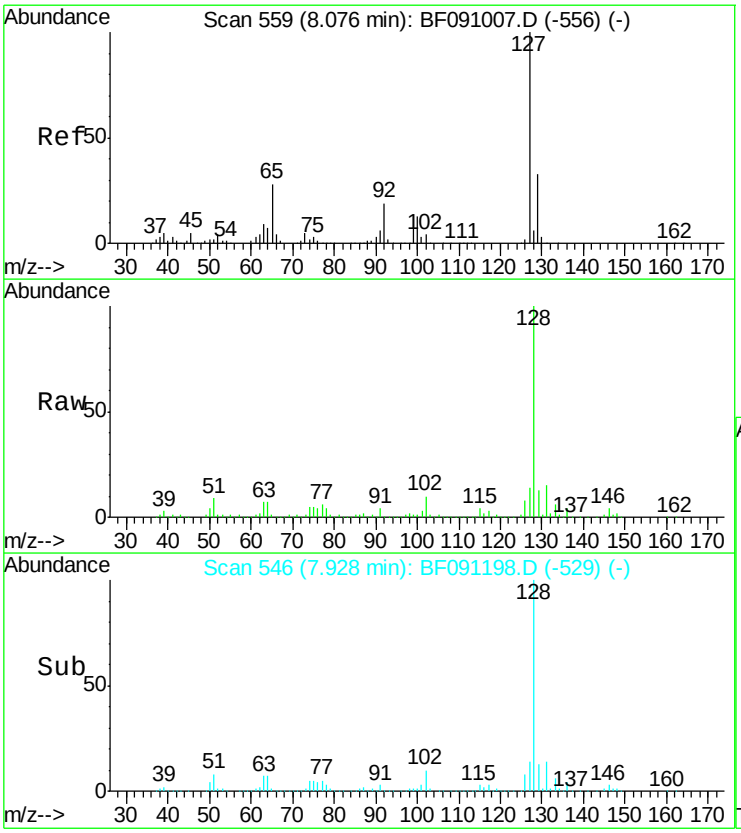
#32
Benzoic acid
Concen: 5.17 ng
RT: 7.74 min Scan# 530
Delta R.T. -0.03 min
Lab File: BF091198.D
Acq: 16 Nov 2016 19:54

Instrument :
BNA_F
ClientSampleId :
C19033041

Tgt Ion:122 Resp: 828

Ion	Ratio	Lower	Upper
122	100		
105	2598.4	105.9	145.9#
77	2577.3	84.0	124.0#

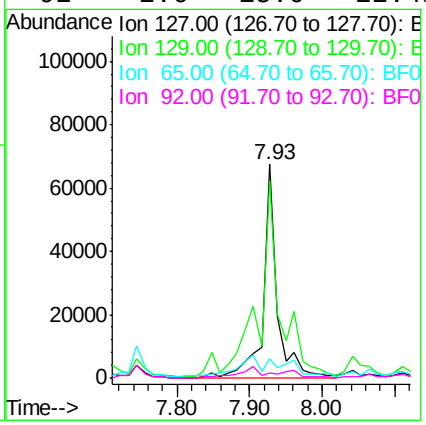


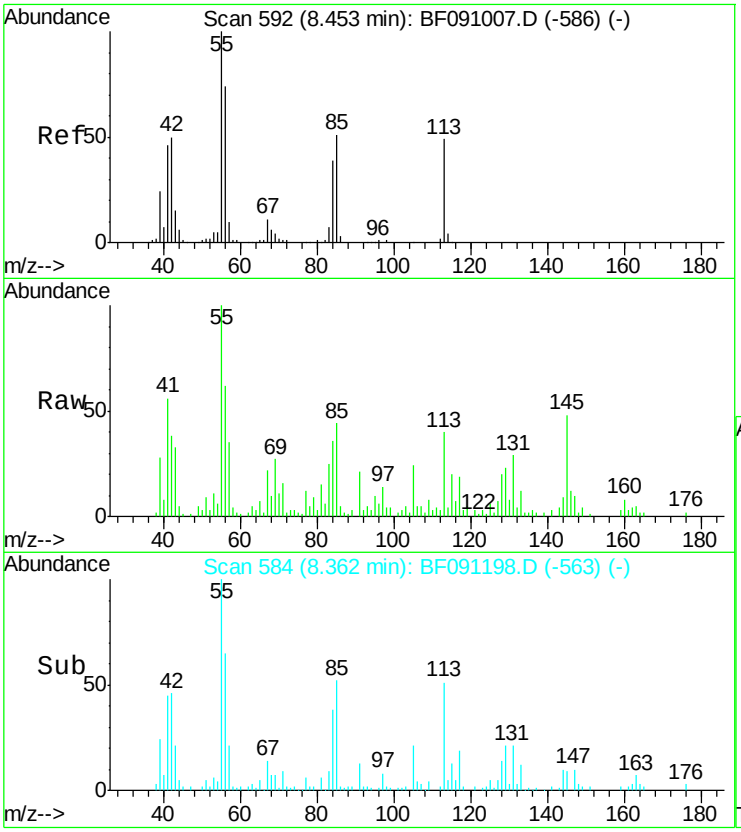


#33
4-Chloroaniline
Concen: 6.84 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.10 min
Lab File: BF091198.D
Acq: 16 Nov 2016 19:54

Tgt Ion:127 Resp: 94047

Ion	Ratio	Lower	Upper
127	100		
129	92.0	26.6	39.8#
65	9.0	22.2	33.2#
92	2.6	15.0	22.4#



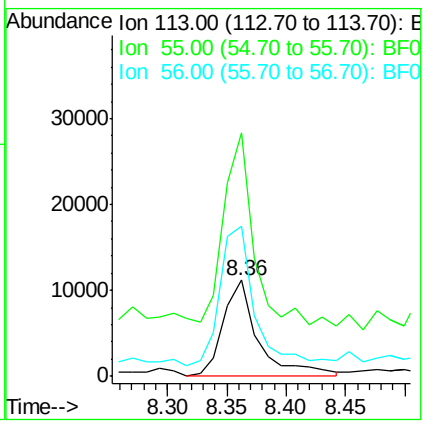


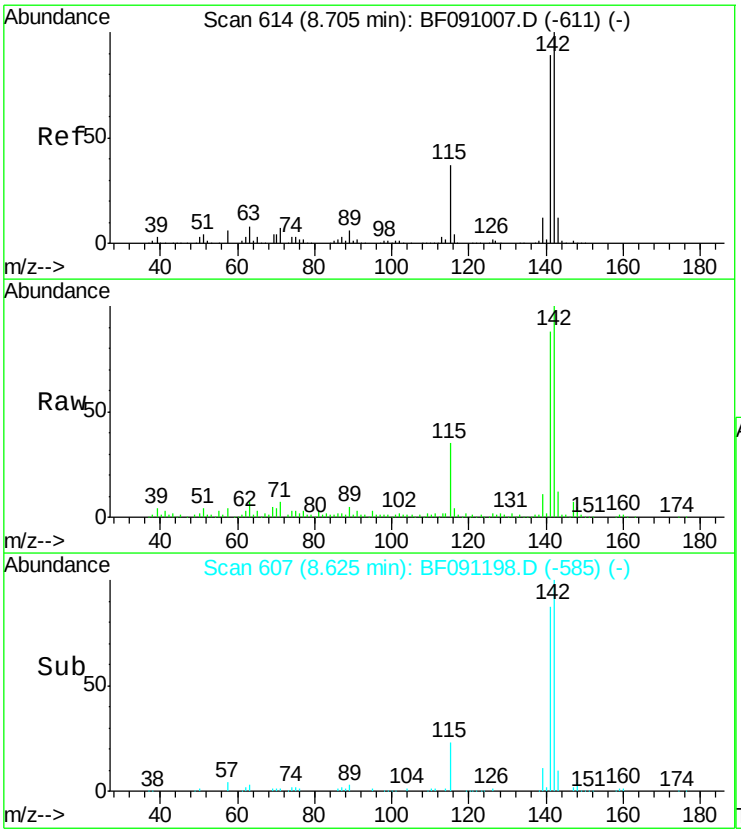
#35
Caprolactam
Concen: 8.61 ng
RT: 8.36 min Scan# 584
Delta R.T. -0.06 min
Lab File: BF091198.D
Acq: 16 Nov 2016 19:54

Instrument :
BNA_F
ClientSampleId :
C19033041

Tgt Ion:113 Resp: 23123

Ion	Ratio	Lower	Upper
113	100		
55	252.8	184.1	224.1#
56	155.9	132.0	172.0

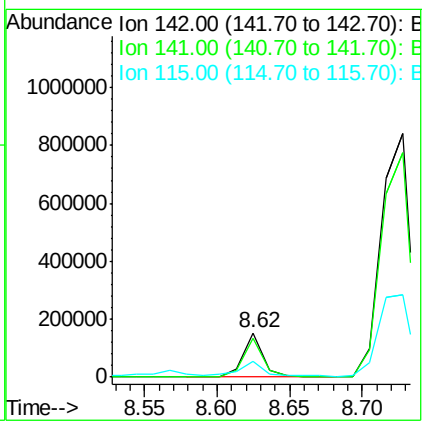


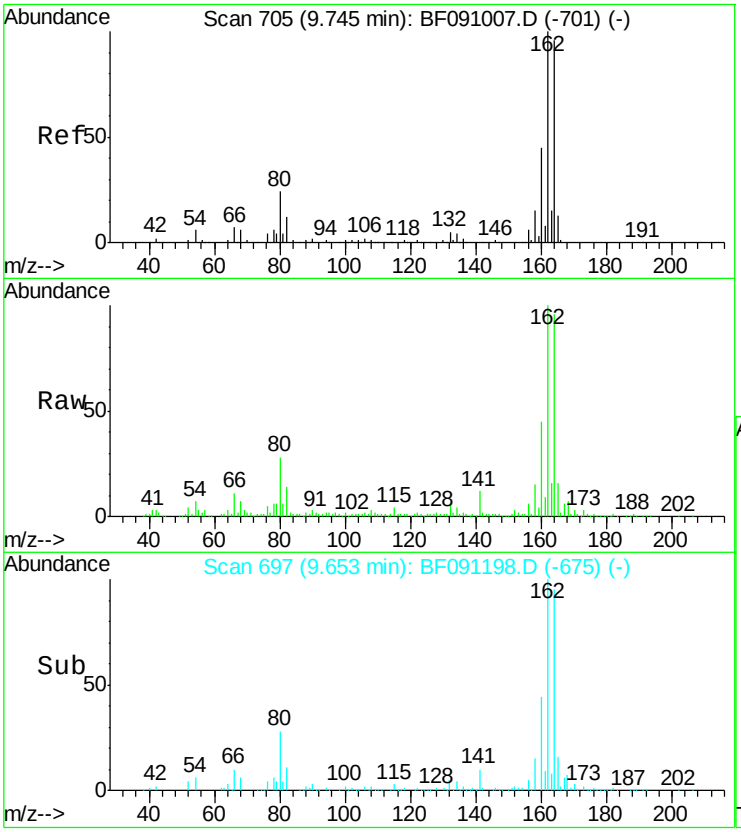


#37
2-Methylnaphthalene
Concen: 6.87 ng
RT: 8.62 min Scan# 607
Delta R.T. -0.05 min
Lab File: BF091198.D
Acq: 16 Nov 2016 19:54

Tgt Ion:142 Resp: 145995

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.3	106.9
115	35.2	29.9	44.9



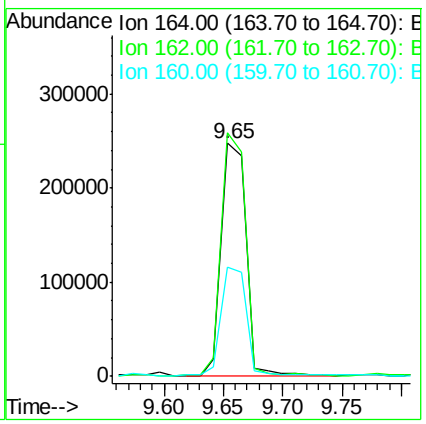


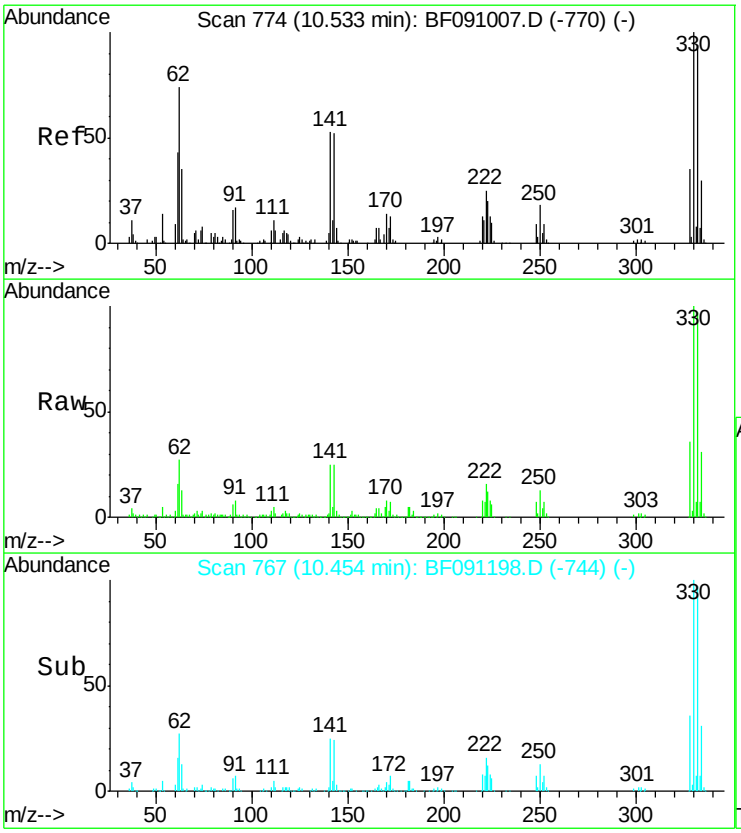
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.65 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF091198.D
Acq: 16 Nov 2016 19:54

Instrument :
BNA_F
ClientSampleId :
C19033041

Tgt Ion:164 Resp: 356230

Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.6	125.4
160	46.9	37.9	56.9

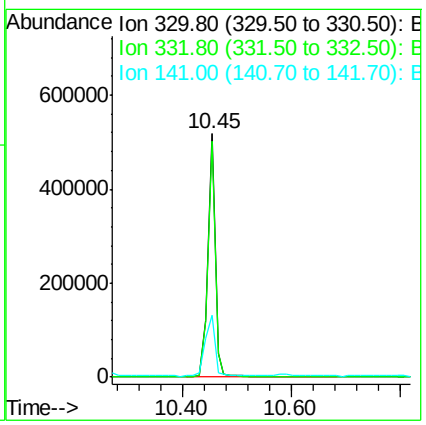


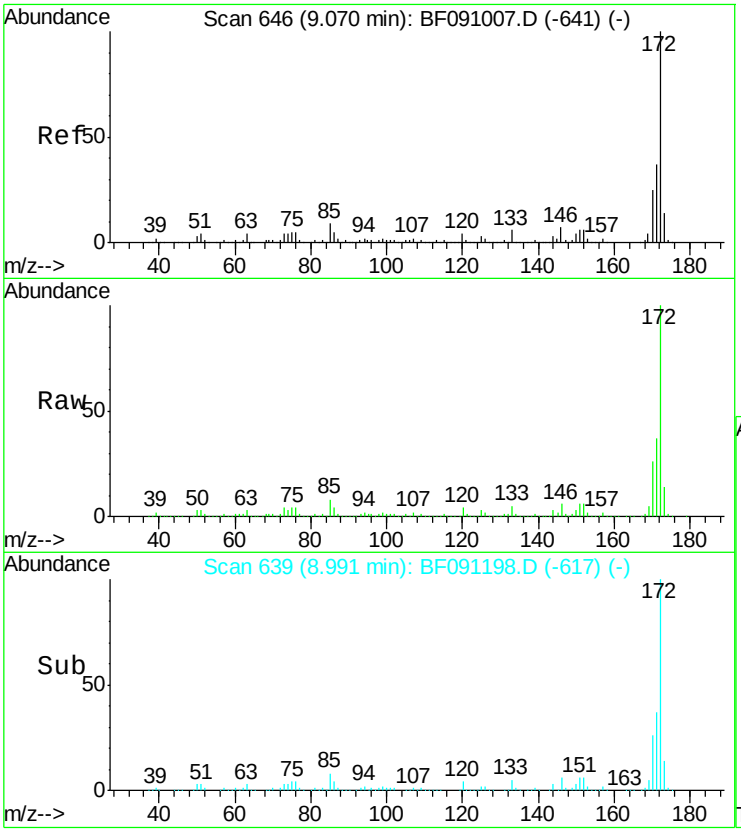


#41
2,4,6-Tribromophenol
Concen: 153.76 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.03 min
Lab File: BF091198.D
Acq: 16 Nov 2016 19:54

Tgt Ion:330 Resp: 495200

Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.9	113.9
141	32.9	36.1	54.1#



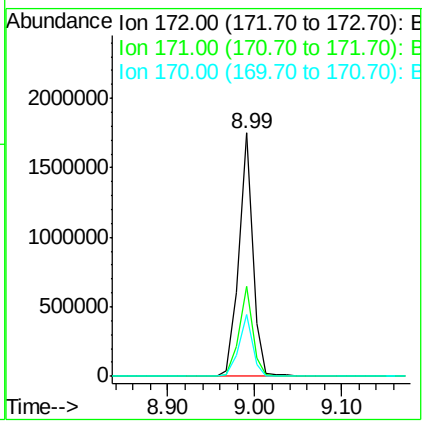


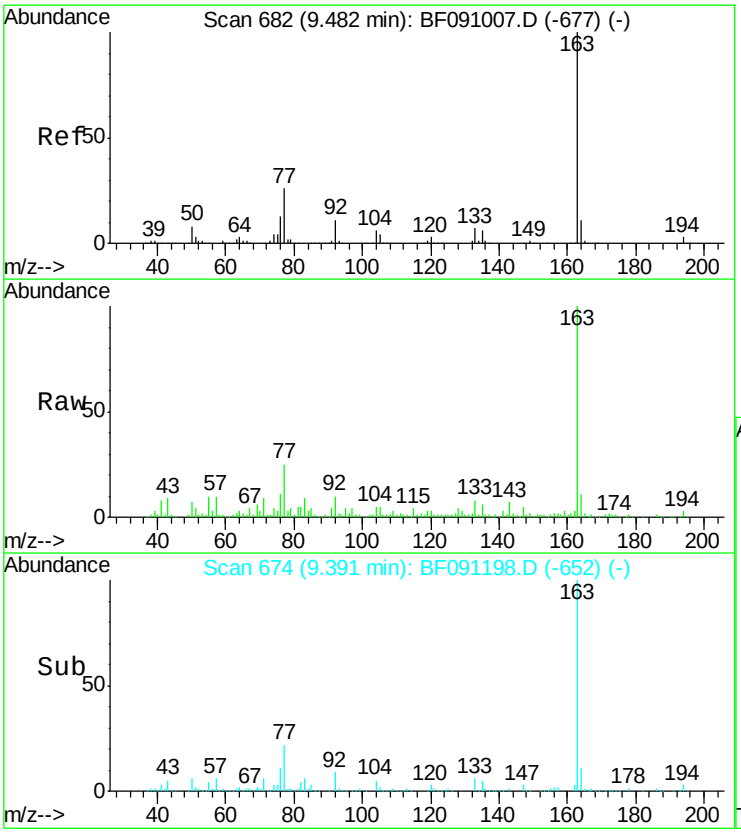
#44
2-Fluorobiphenyl
Concen: 94.54 ng
RT: 8.99 min Scan# 639
Delta R.T. -0.05 min
Lab File: BF091198.D
Acq: 16 Nov 2016 19:54

Instrument :
BNA_F
ClientSampleId :
C19033041

Tgt Ion:172 Resp: 1956082

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.8	44.6
170	25.6	20.3	30.5

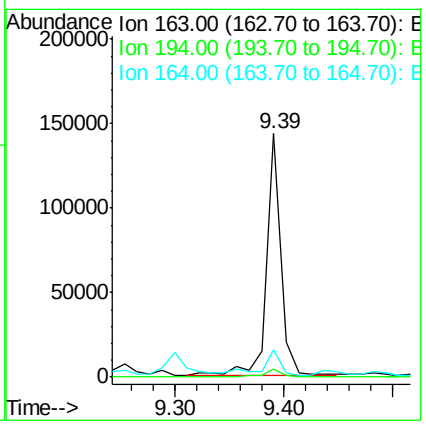


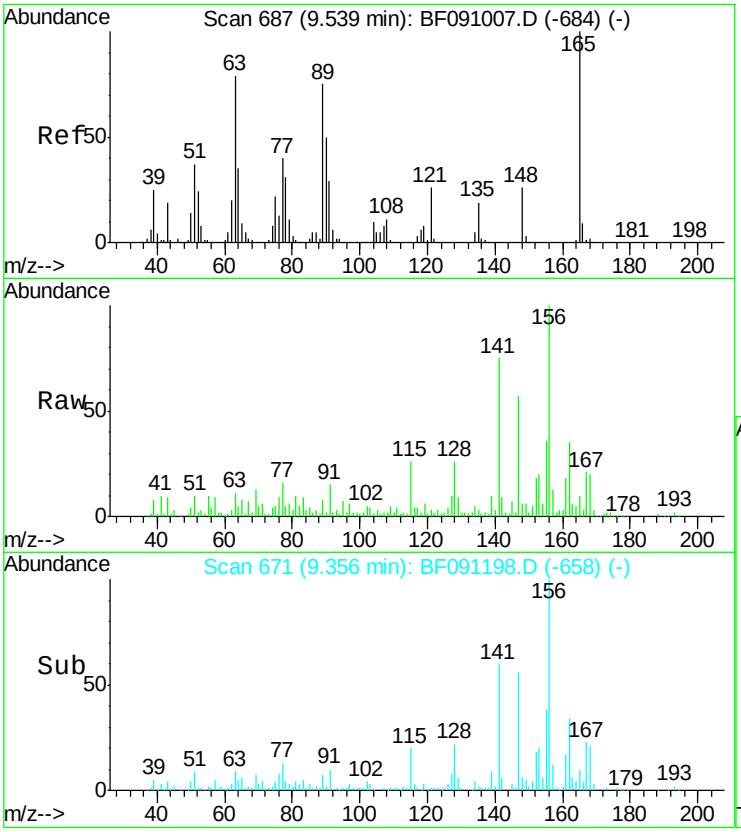


#49
Dimethylphthalate
Concen: 5.66 ng
RT: 9.39 min Scan# 674
Delta R.T. -0.05 min
Lab File: BF091198.D
Acq: 16 Nov 2016 19:54

Tgt Ion:163 Resp: 132132

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	11.1	8.7	13.1



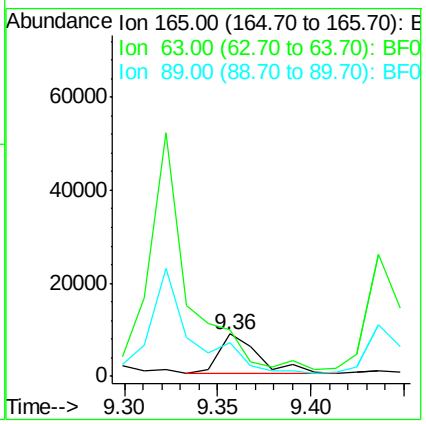


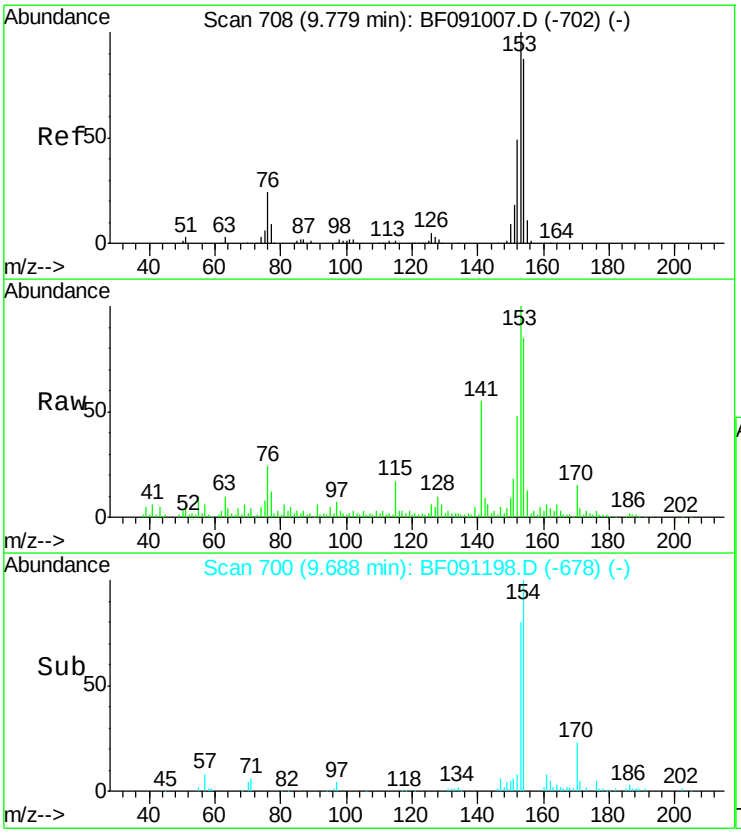
#50
2,6-Dinitrotoluene
Concen: 2.43 ng
RT: 9.36 min Scan# 671
Delta R.T. -0.15 min
Lab File: BF091198.D
Acq: 16 Nov 2016 19:54

Instrument :
BNA_F
ClientSampleId :
C19033041

Tgt Ion:165 Resp: 12184

Ion	Ratio	Lower	Upper
165	100		
63	109.8	65.6	98.4#
89	80.9	59.8	89.6

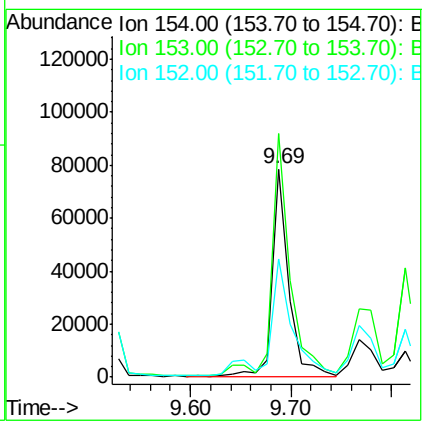


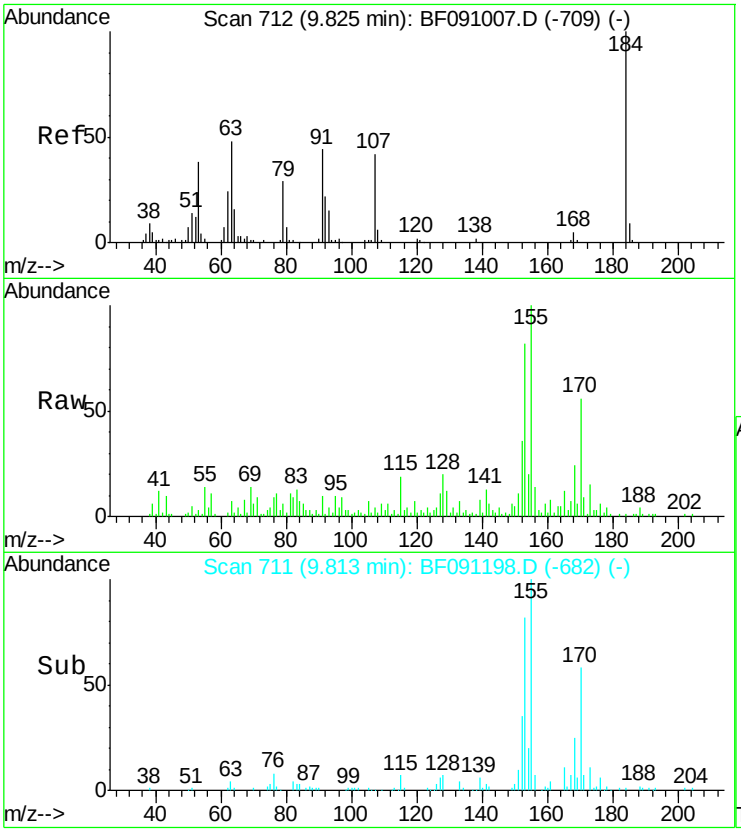


#51
Acenaphthene
Concen: 4.52 ng
RT: 9.69 min Scan# 700
Delta R.T. -0.05 min
Lab File: BF091198.D
Acq: 16 Nov 2016 19:54

Tgt Ion:154 Resp: 87314

Ion	Ratio	Lower	Upper
154	100		
153	117.0	91.6	137.4
152	56.5	44.6	67.0



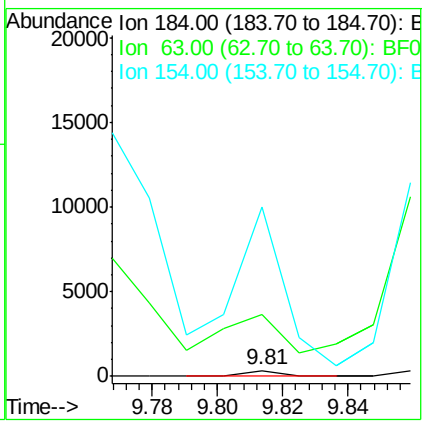


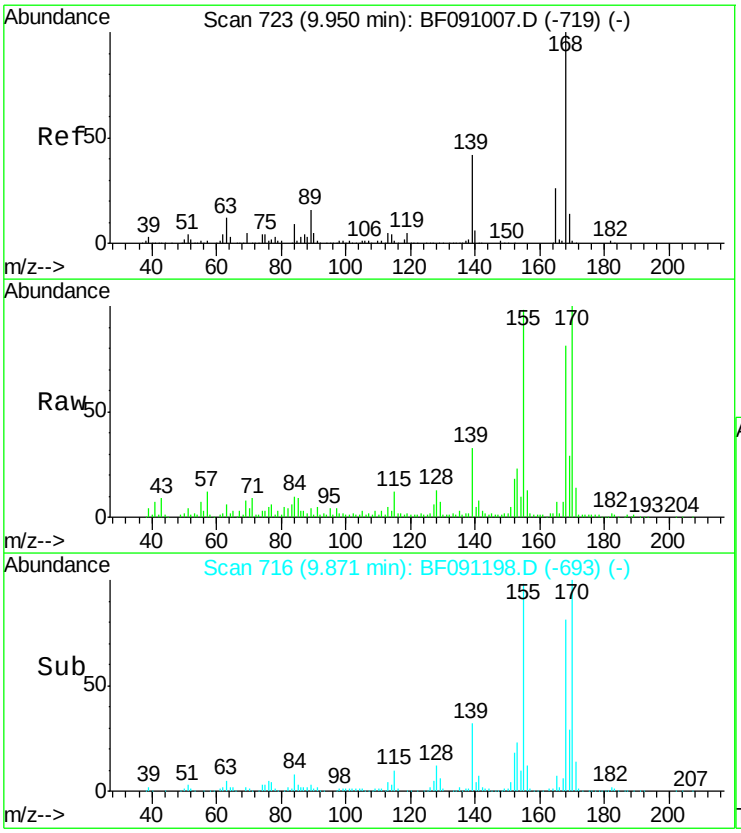
#53
2,4-Dinitrophenol
Concen: 6.34 ng
RT: 9.81 min Scan# 711
Delta R.T. 0.03 min
Lab File: BF091198.D
Acq: 16 Nov 2016 19:54

Instrument :
BNA_F
ClientSampleId :
C19033041

Tgt Ion:184 Resp: 227

Ion	Ratio	Lower	Upper
184	100		
63	1111.2	45.5	68.3#
154	3023.9	51.0	76.4#

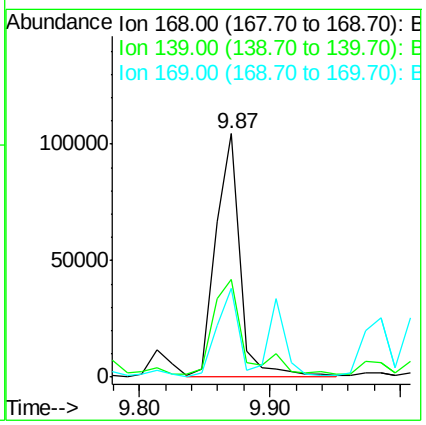


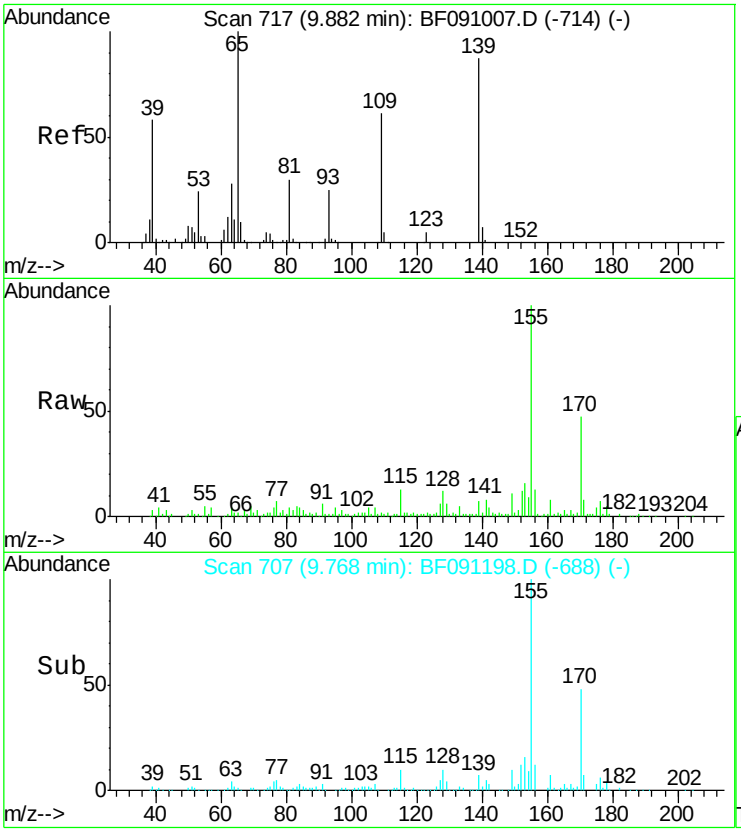


#54
Dibenzofuran
Concen: 5.16 ng
RT: 9.87 min Scan# 716
Delta R.T. -0.03 min
Lab File: BF091198.D
Acq: 16 Nov 2016 19:54

Tgt Ion:168 Resp: 134229

Ion	Ratio	Lower	Upper
168	100		
139	40.3	34.8	52.2
169	36.3	11.4	17.2#



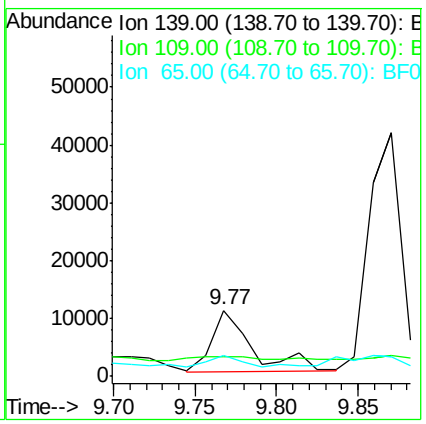


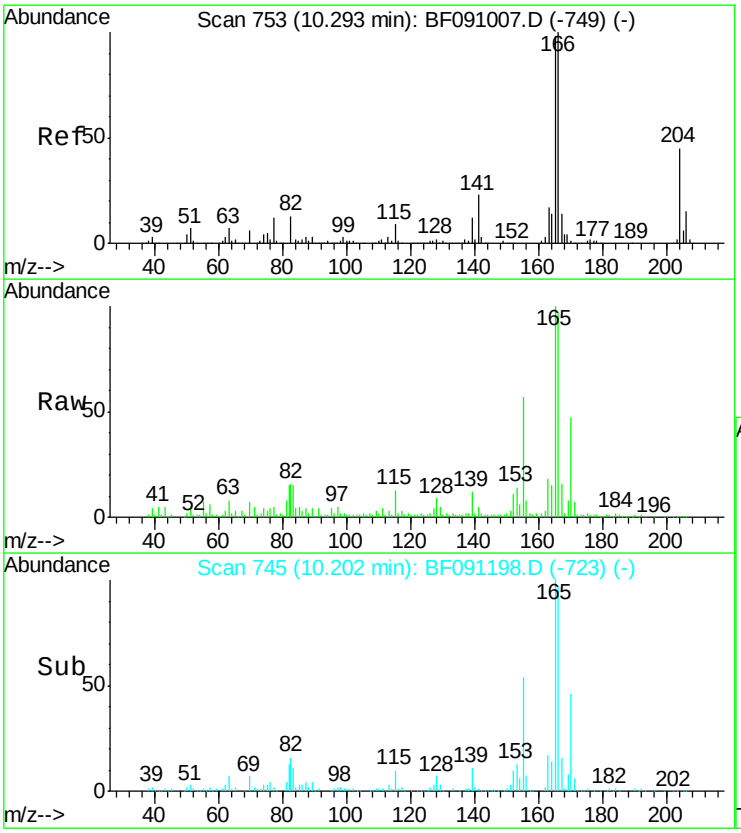
#55
4-Nitrophenol
Concen: 9.97 ng
RT: 9.77 min Scan# 707
Delta R.T. -0.08 min
Lab File: BF091198.D
Acq: 16 Nov 2016 19:54

Instrument :
BNA_F
ClientSampleId :
C19033041

Tgt Ion:139 Resp: 18063

Ion	Ratio	Lower	Upper
139	100		
109	30.3	50.5	90.5#
65	31.3	97.1	137.1#

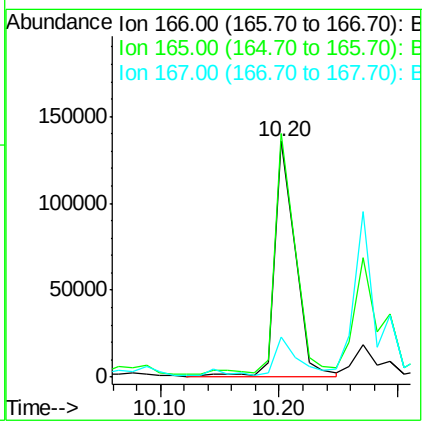


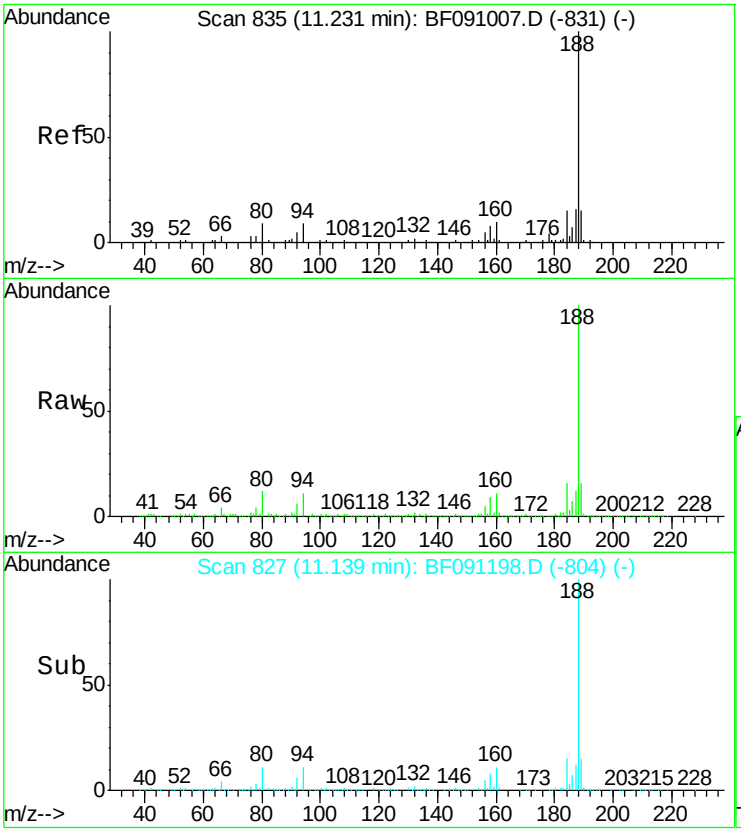


#57
Fluorene
Concen: 7.49 ng
RT: 10.20 min Scan# 745
Delta R.T. -0.05 min
Lab File: BF091198.D
Acq: 16 Nov 2016 19:54

Tgt Ion:166 Resp: 159242

Ion	Ratio	Lower	Upper
166	100		
165	103.4	78.6	118.0
167	17.1	11.1	16.7#



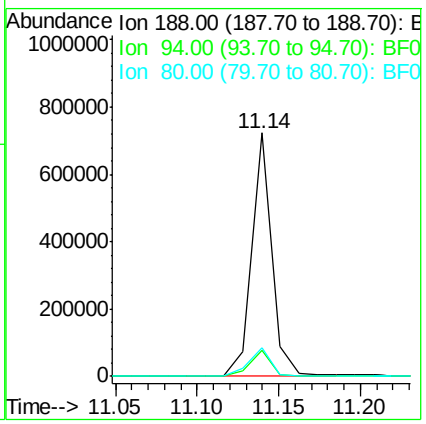


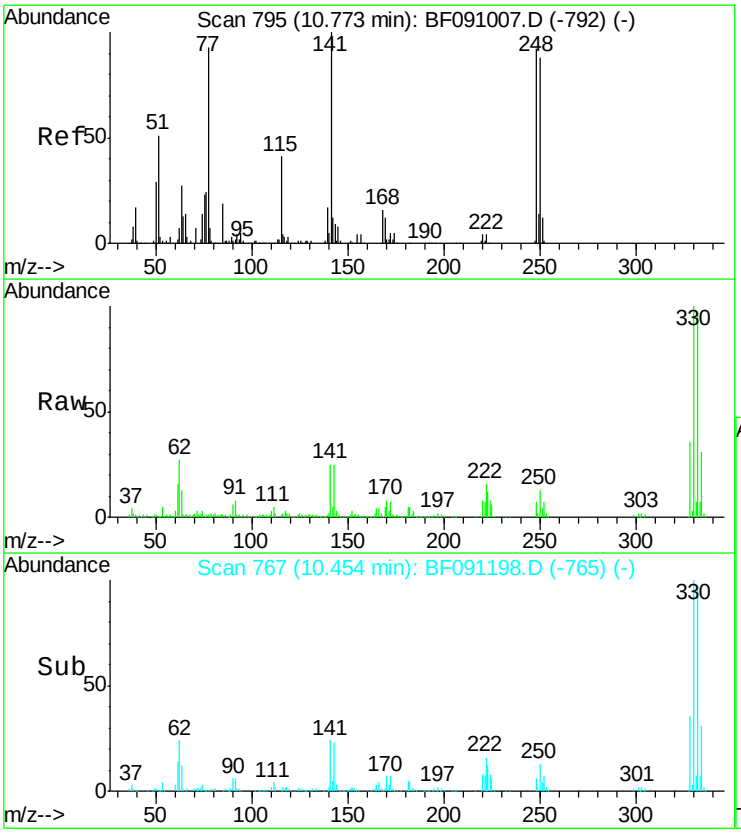
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF091198.D
Acq: 16 Nov 2016 19:54

Instrument :
BNA_F
ClientSampleId :
C19033041

Tgt Ion:188 Resp: 622994

Ion	Ratio	Lower	Upper
188	100		
94	10.7	7.0	10.4#
80	11.5	7.5	11.3#

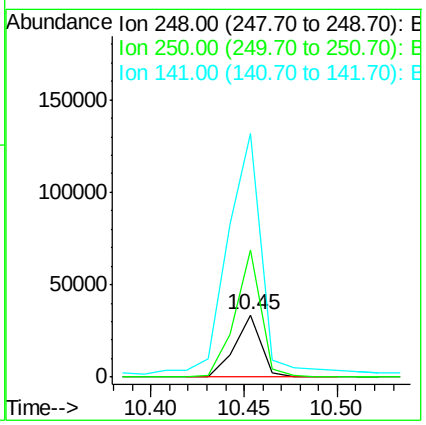


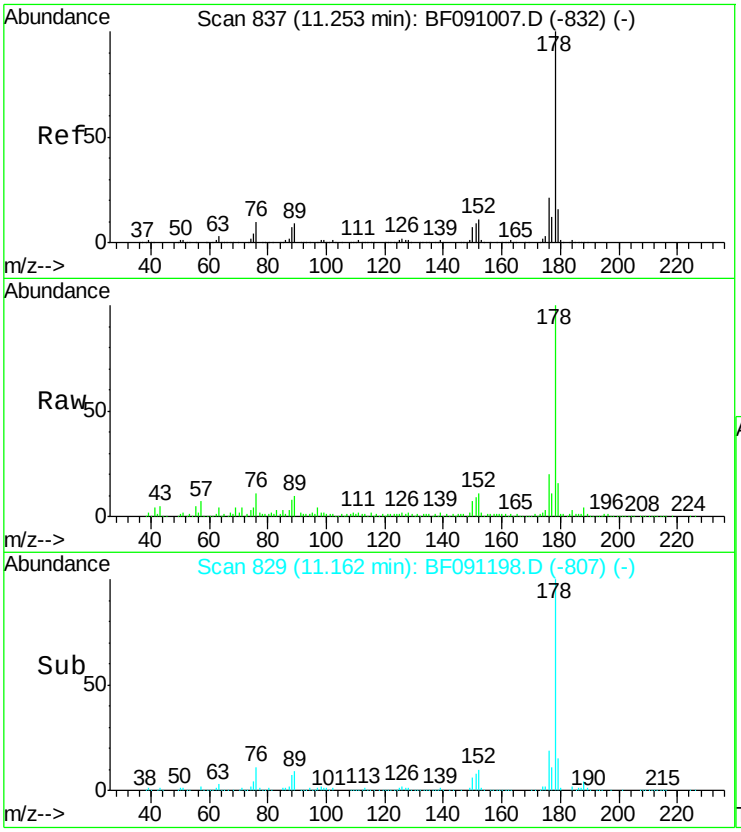


#66
4-Bromophenyl-phenylether
Concen: 5.17 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.27 min
Lab File: BF091198.D
Acq: 16 Nov 2016 19:54

Tgt Ion:248 Resp: 33529

Ion	Ratio	Lower	Upper
248	100		
250	204.4	76.3	114.5#
141	390.7	86.8	130.2#



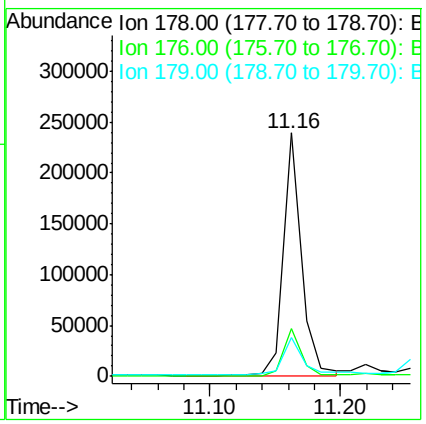


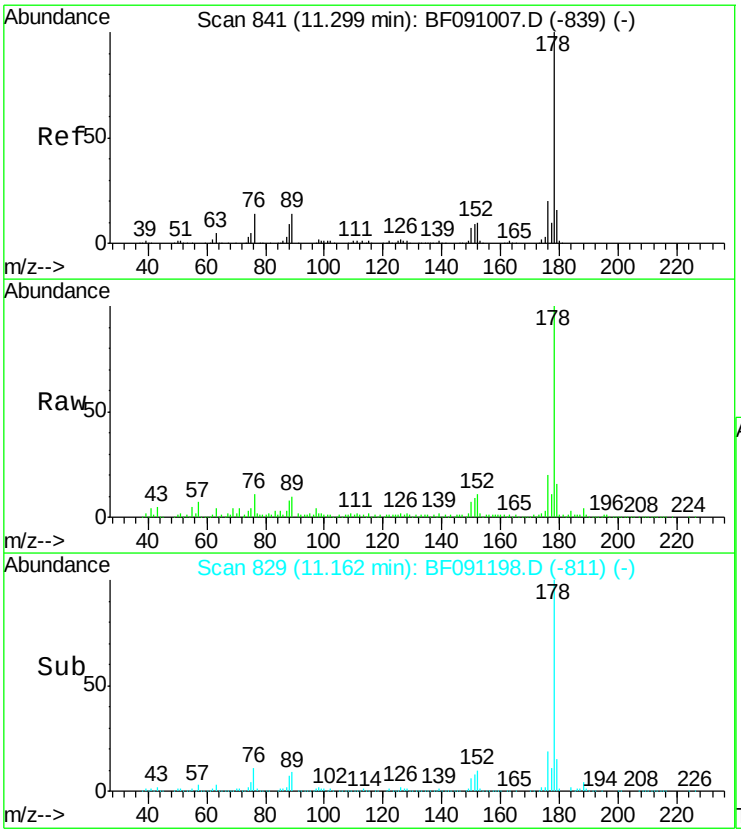
#70
Phenanthrene
Concen: 6.85 ng
RT: 11.16 min Scan# 829
Delta R.T. -0.05 min
Lab File: BF091198.D
Acq: 16 Nov 2016 19:54

Instrument :
BNA_F
ClientSampleId :
C19033041

Tgt Ion:178 Resp: 226746

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.6	25.0
179	15.8	12.9	19.3

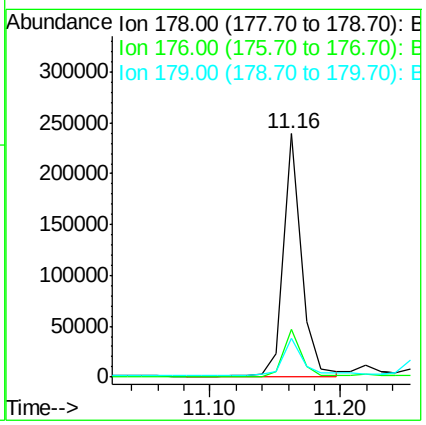


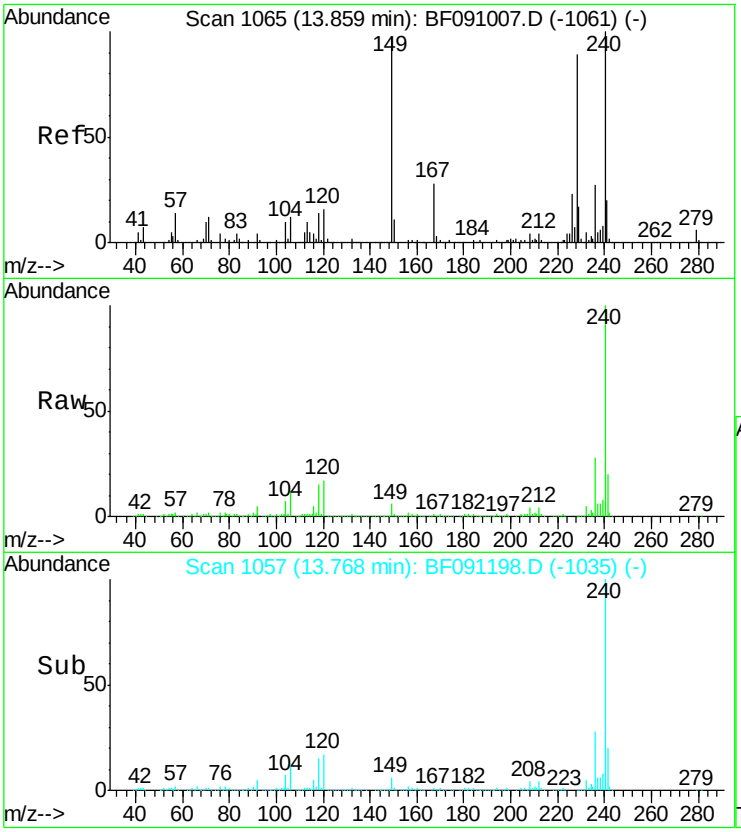


#71
Anthracene
Concen: 6.44 ng
RT: 11.16 min Scan# 829
Delta R.T. -0.09 min
Lab File: BF091198.D
Acq: 16 Nov 2016 19:54

Tgt Ion:178 Resp: 226746

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.0	24.0
179	15.8	13.0	19.6



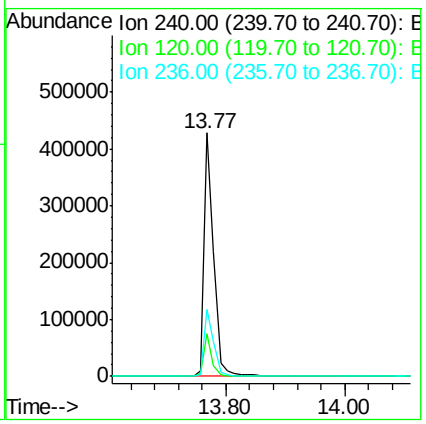


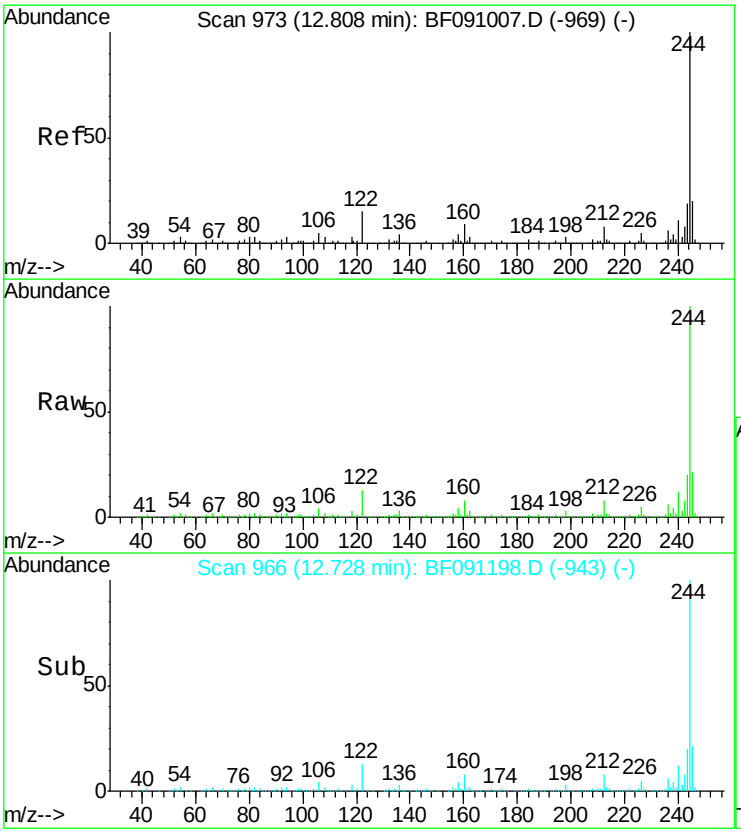
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1057
Delta R.T. -0.05 min
Lab File: BF091198.D
Acq: 16 Nov 2016 19:54

Instrument :
BNA_F
ClientSampleId :
C19033041

Tgt Ion:240 Resp: 492342

Ion	Ratio	Lower	Upper
240	100		
120	17.3	12.9	19.3
236	27.6	21.9	32.9

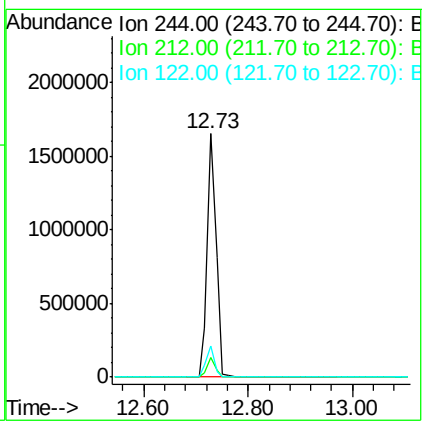


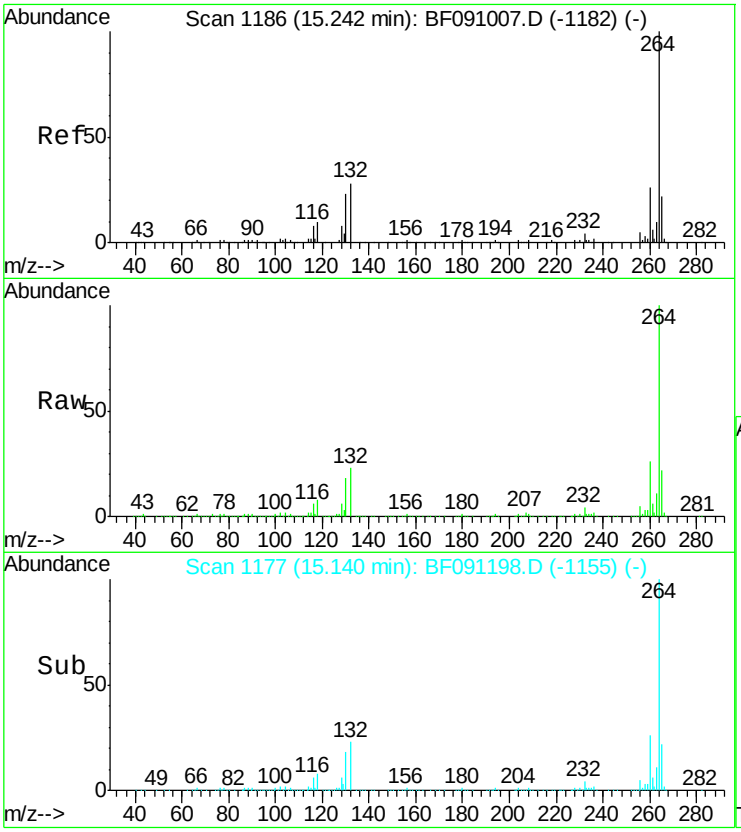


#78
Terphenyl-d14
Concen: 100.16 ng
RT: 12.73 min Scan# 966
Delta R.T. -0.03 min
Lab File: BF091198.D
Acq: 16 Nov 2016 19:54

Tgt Ion:244 Resp: 1976114

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.4	9.6
122	13.0	12.3	18.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 1177
Delta R.T. -0.05 min
Lab File: BF091198.D
Acq: 16 Nov 2016 19:54

Instrument :
BNA_F
ClientSampleId :
C19033041

Tgt Ion:264 Resp: 371912

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.6	30.8
265	22.0	17.8	26.8