Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111516\
Data File : BF091180.D
Acq On : 15 Nov 2016 15:54
Operator : UM/SJ
Sample : H5636-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C19033041

Quant Time: Nov 16 00:20:13 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	6.64	152	139855	20.00	ng		-0.02
21) Naphthalene-d8	7.92	136	619484	20.00	ng		-0.03
38) Acenaphthene-d10	9.66	164	340066	20.00	ng		-0.03
63) Phenanthrene-d10	11.15	188	571972	20.00	ng		-0.02
75) Chrysene-d12	13.78	240	502177	20.00	ng		-0.03
86) Perylene-d12	15.14	264	389449	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	537936	63.53	ng		-0.02
7) Phenol-d6	6.28	99	451285	39.26	ng		-0.03
23) Nitrobenzene-d5	7.21	82	1136578	100.09	ng		-0.03
41) 2,4,6-Tribromophenol	10.46	330	484727	157.66	ng		-0.02
44) 2-Fluorobiphenyl	9.00	172	1753613	88.78	ng		-0.03
78) Terphenyl-d14	12.74	244	1903856	94.61	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.29	94	33307	2.62	ng		93
15) Benzyl Alcohol	6.78	79	19860	2.45	ng	#	51
18) Hexachloroethane	7.21	117	204288	48.16	ng	#	5
19) n-Nitroso-di-n-propylamine	7.21	70	158099	19.85	ng	#	77
22) Acetophenone	6.98	105	41227	2.89	ng	#	72
25) Isophorone	7.21	82	1112750	50.85	ng	#	67
31) Naphthalene	7.94	128	491649	16.60	ng		97
32) Benzoic acid	7.76	122	274	5.11	ng	#	1
33) 4-Chloroaniline	7.94	127	84004	6.82	ng	#	35
35) Caprolactam	8.36	113	19851	8.25	ng	#	69
37) 2-Methylnaphthalene	8.64	142	128238	6.73	ng		99
49) Dimethylphthalate	9.40	163	123506	5.54	ng		100
50) 2,6-Dinitrotoluene	9.37	165	11247	2.35	ng	#	68
51) Acenaphthene	9.70	154	83136	4.51	ng		99
53) 2,4-Dinitrophenol	9.87	184	738	6.52	ng	#	1
54) Dibenzofuran	9.88	168	129843	5.23	ng	#	87
55) 4-Nitrophenol	9.78	139	17250	9.98	ng	#	35
57) Fluorene	10.21	166	156308	7.70	ng	#	97
66) 4-Bromophenyl-phenylether	10.46	248	33071	5.56	ng	#	1
70) Phenanthrene	11.17	178	199927	6.58	ng		98
71) Anthracene	11.17	178	199927	6.18	ng		99

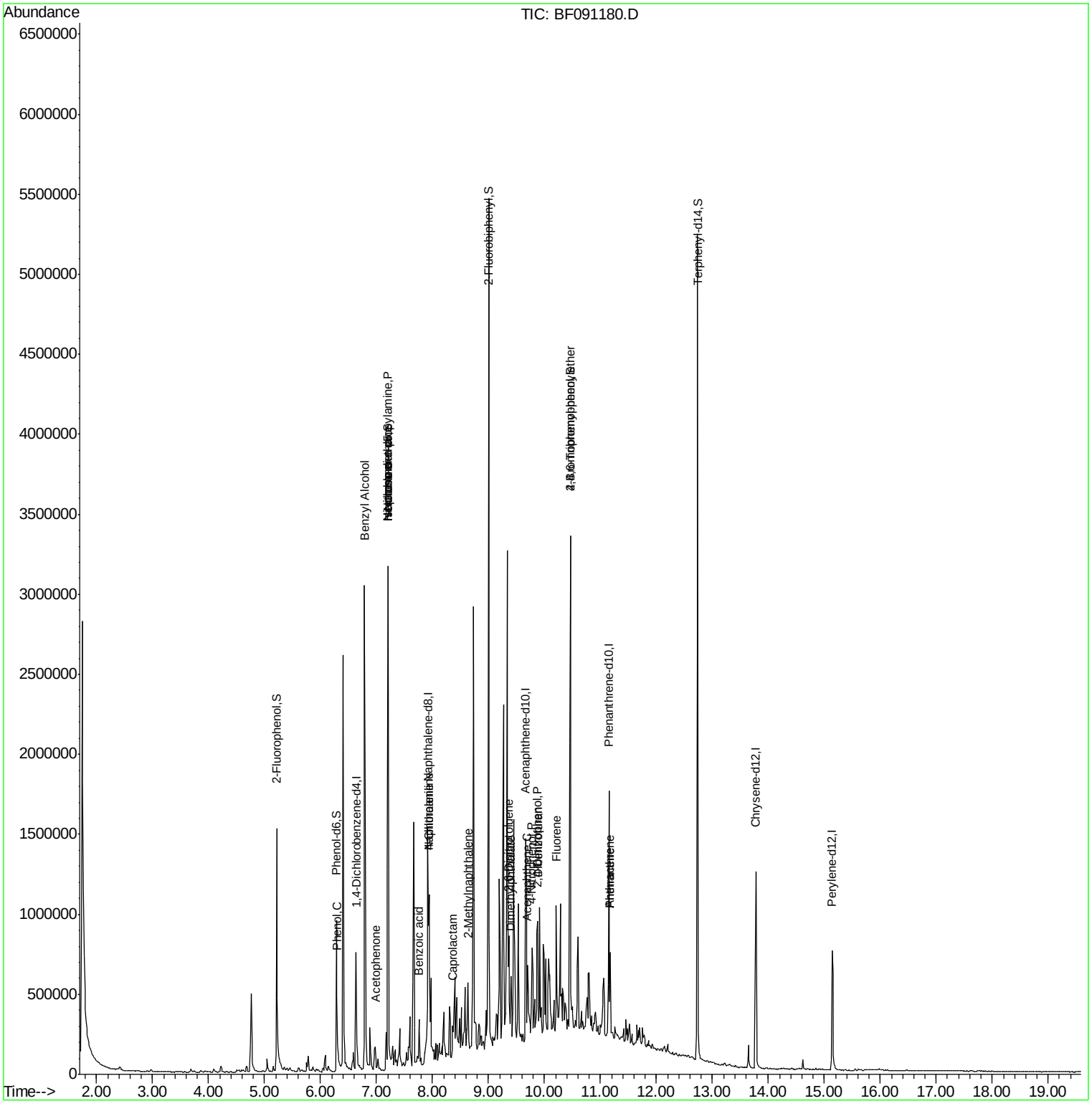
(#) = qualifier out of range (m) = manual integration (+) = signals summed

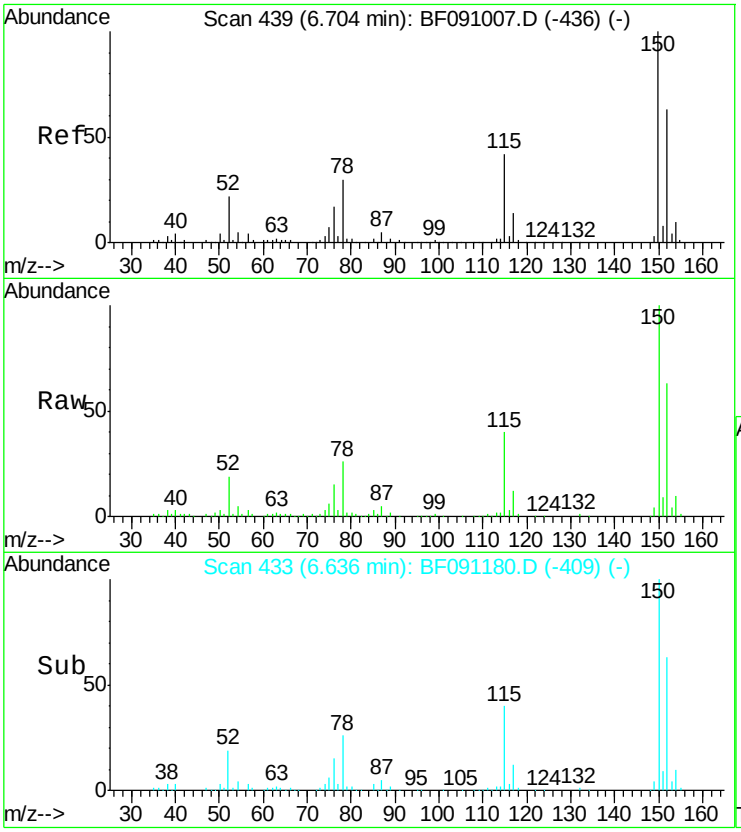
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111516\
Data File : BF091180.D
Acq On : 15 Nov 2016 15:54
Operator : UM/SJ
Sample : H5636-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C19033041

Quant Time: Nov 16 00:20:13 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



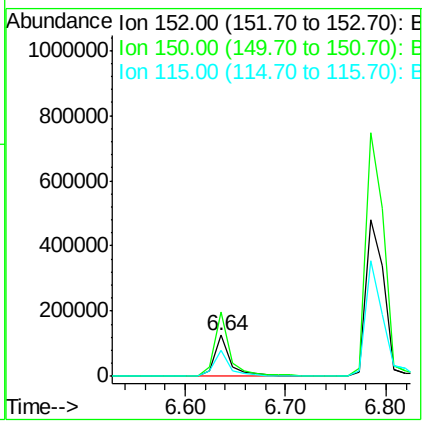


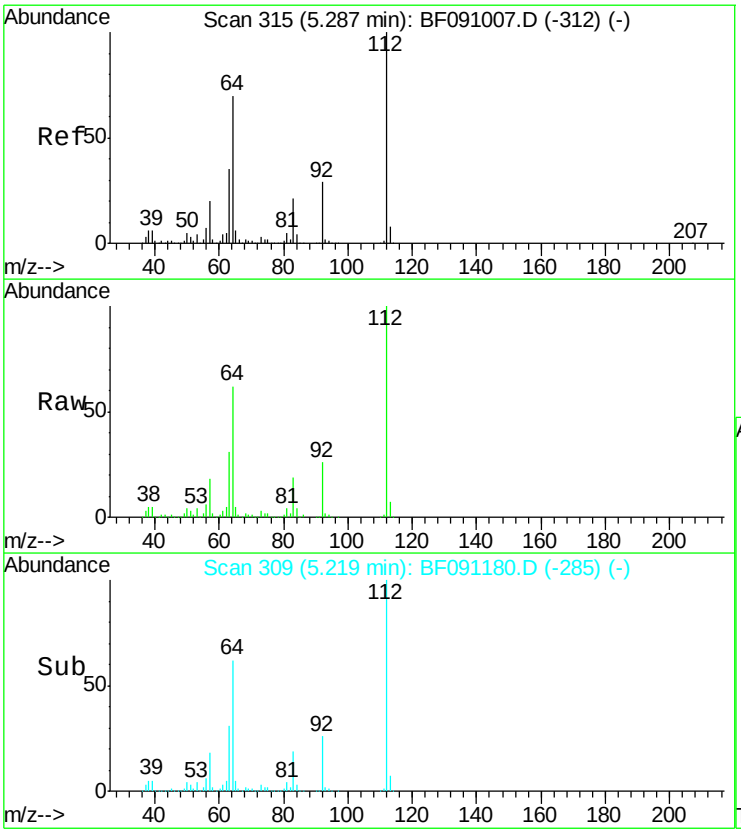
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF091180.D
Acq: 15 Nov 2016 15:54

Instrument :
BNA_F
ClientSampleId :
C19033041

Tgt Ion:152 Resp: 139855

Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.8	190.2
115	62.5	53.3	79.9

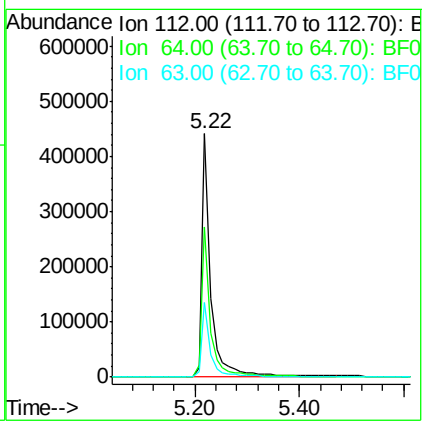


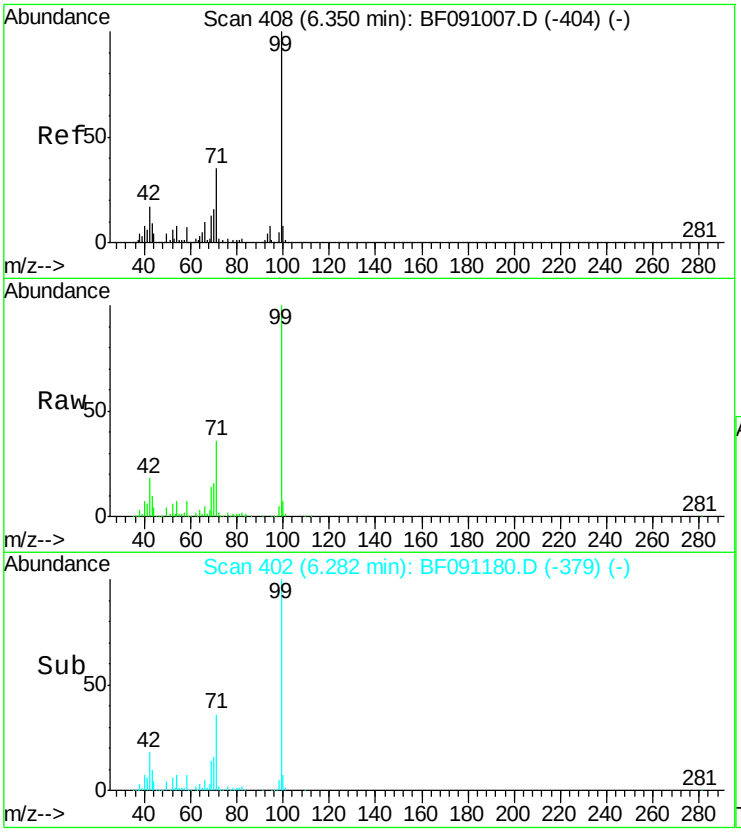


#5
2-Fluorophenol
Concen: 63.53 ng
RT: 5.22 min Scan# 309
Delta R.T. -0.02 min
Lab File: BF091180.D
Acq: 15 Nov 2016 15:54

Tgt Ion:112 Resp: 537936

Ion	Ratio	Lower	Upper
112	100		
64	61.9	55.8	83.6
63	30.7	28.0	42.0



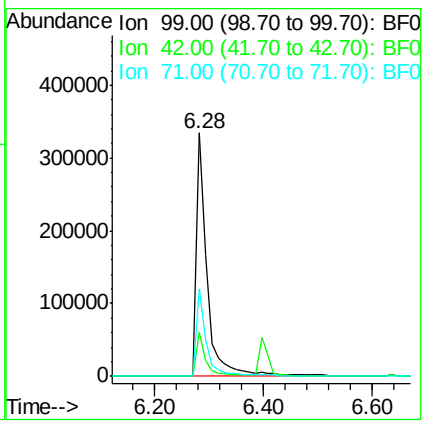


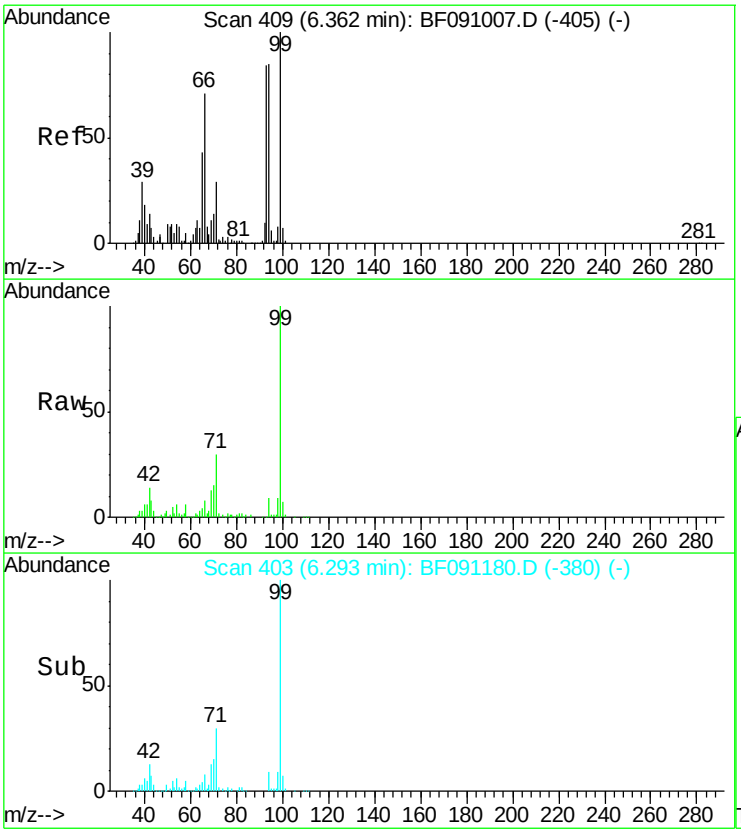
#7
Phenol-d6
Concen: 39.26 ng
RT: 6.28 min Scan# 402
Delta R.T. -0.03 min
Lab File: BF091180.D
Acq: 15 Nov 2016 15:54

Instrument :
BNA_F
ClientSampleId :
C19033041

Tgt Ion: 99 Resp: 451285

Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.9	20.9
71	36.1	27.8	41.8

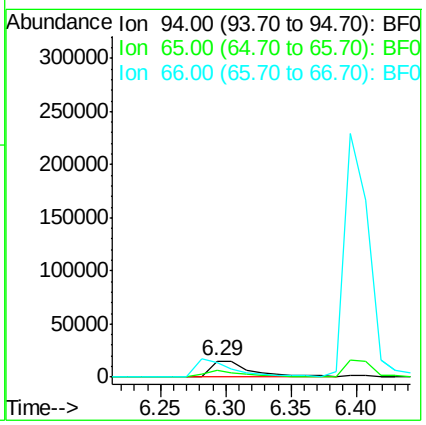


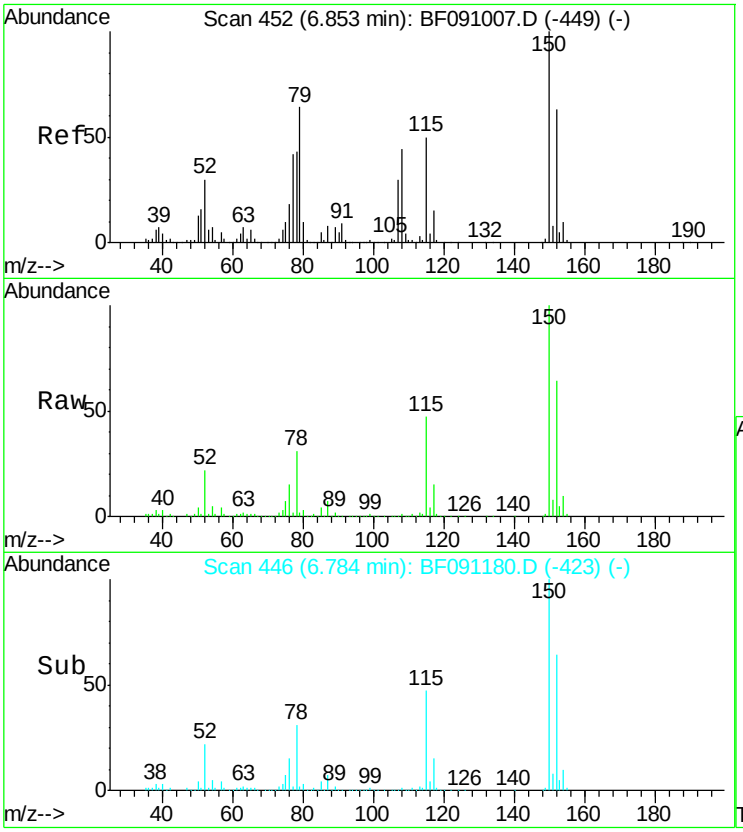


#10
Phenol
Concen: 2.62 ng
RT: 6.29 min Scan# 403
Delta R.T. -0.03 min
Lab File: BF091180.D
Acq: 15 Nov 2016 15:54

Tgt Ion: 94 Resp: 33307

Ion	Ratio	Lower	Upper
94	100		
65	44.6	30.4	70.4
66	87.9	62.9	102.9



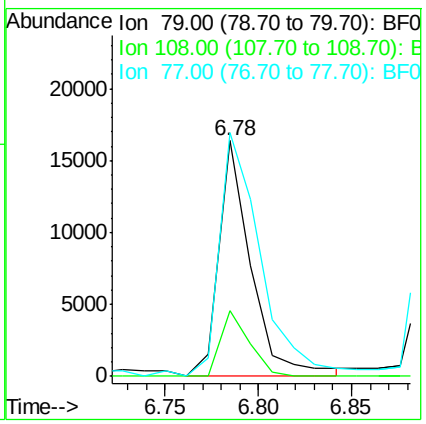


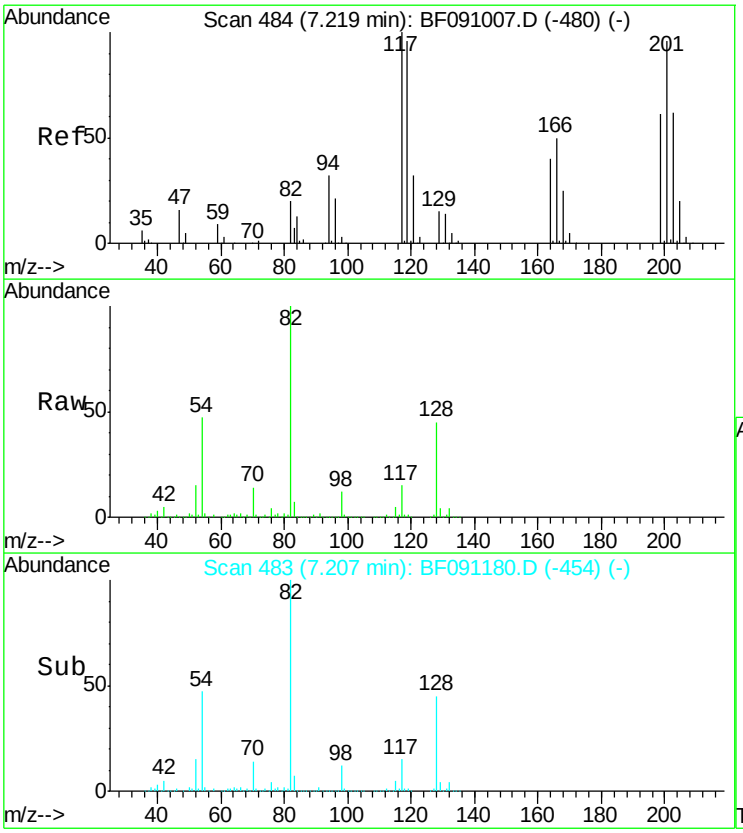
#15
Benzyl Alcohol
Concen: 2.45 ng
RT: 6.78 min Scan# 446
Delta R.T. -0.03 min
Lab File: BF091180.D
Acq: 15 Nov 2016 15:54

Instrument :
BNA_F
ClientSampleId :
C19033041

Tgt Ion: 79 Resp: 19860

Ion	Ratio	Lower	Upper
79	100		
108	28.0	55.7	83.5#
77	103.2	52.6	79.0#

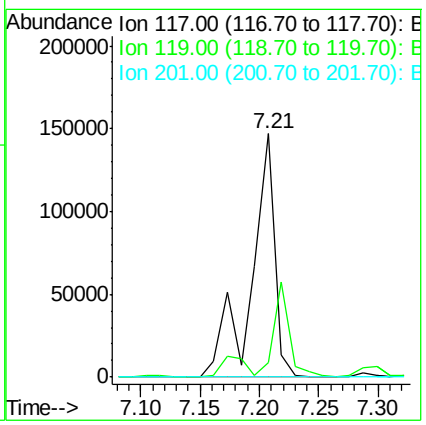


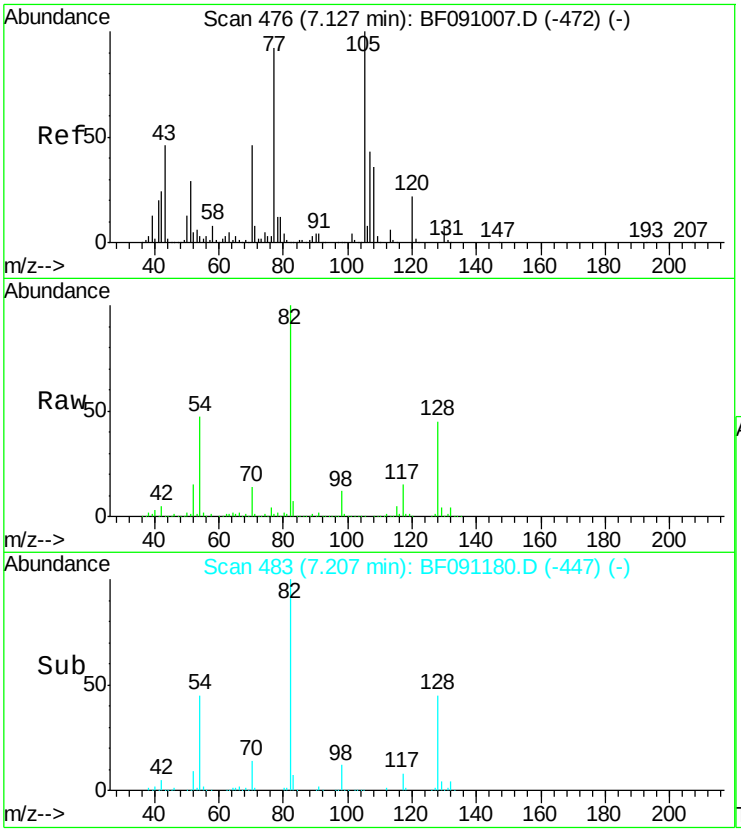


#18
Hexachloroethane
Concen: 48.16 ng
RT: 7.21 min Scan# 483
Delta R.T. 0.03 min
Lab File: BF091180.D
Acq: 15 Nov 2016 15:54

Tgt Ion:117 Resp: 204288

Ion	Ratio	Lower	Upper
117	100		
119	5.9	76.6	115.0#
201	0.0	77.1	115.7#



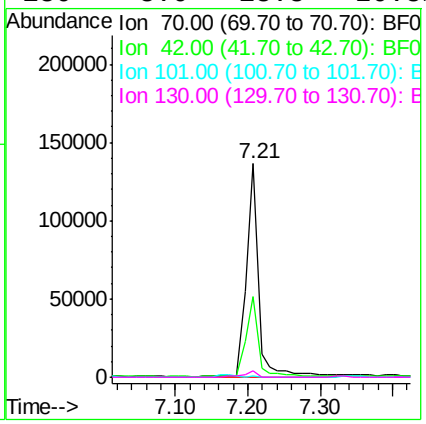


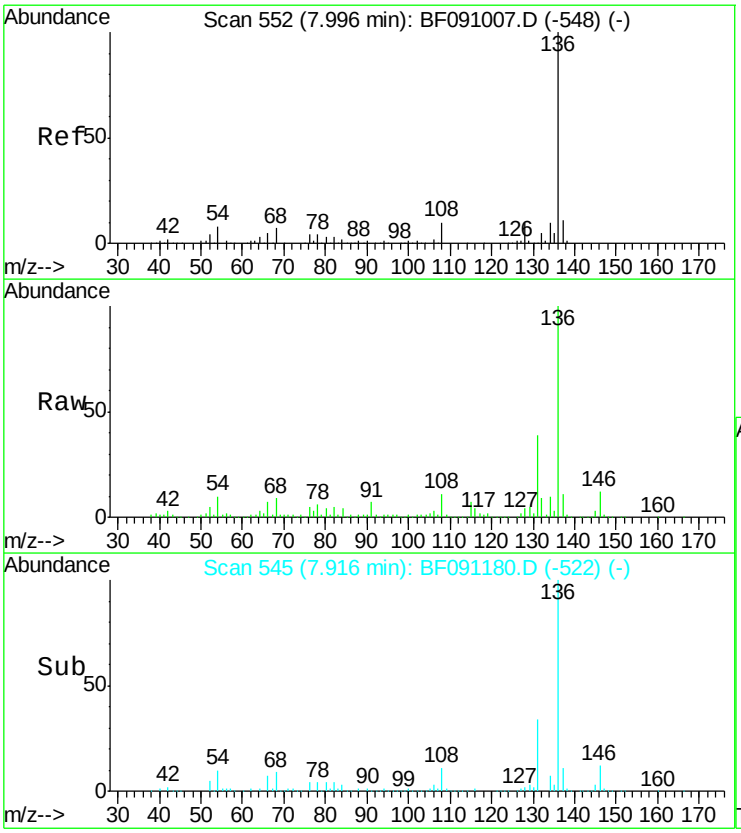
#19
n-Nitroso-di-n-propylamine
Concen: 19.85 ng
RT: 7.21 min Scan# 483
Delta R.T. 0.11 min
Lab File: BF091180.D
Acq: 15 Nov 2016 15:54

Instrument :
BNA_F
ClientSampleId :
C19033041

Tgt Ion: 70 Resp: 158099

Ion	Ratio	Lower	Upper
70	100		
42	38.0	41.7	62.5#
101	0.5	6.7	10.1#
130	3.0	13.8	20.8#

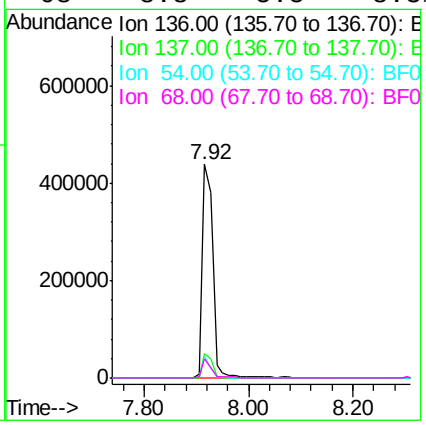


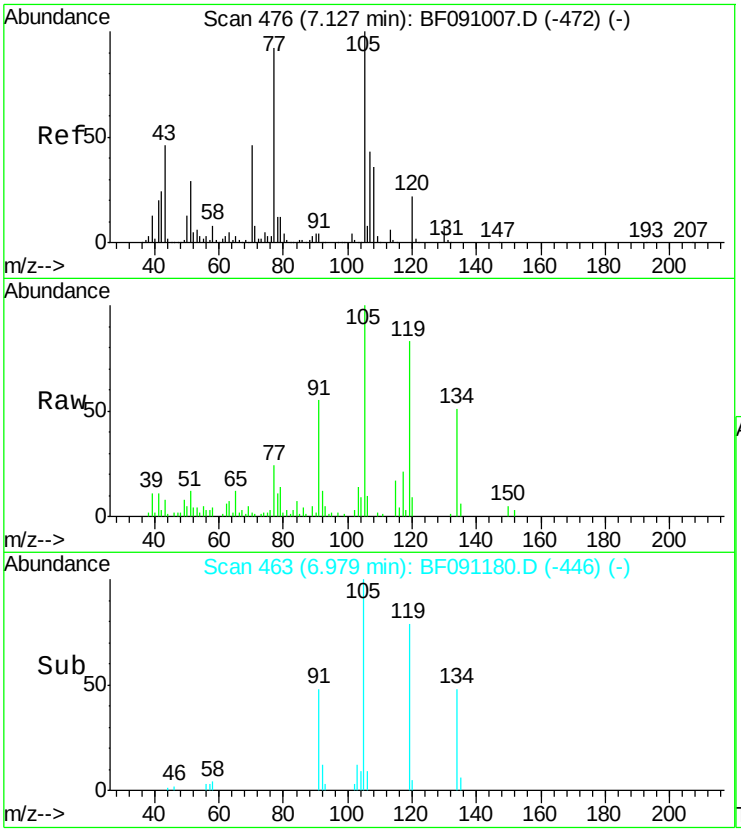


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 545
Delta R.T. -0.03 min
Lab File: BF091180.D
Acq: 15 Nov 2016 15:54

Tgt Ion:136 Resp: 619484

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	10.5	6.2	9.2#
68	8.8	5.5	8.3#



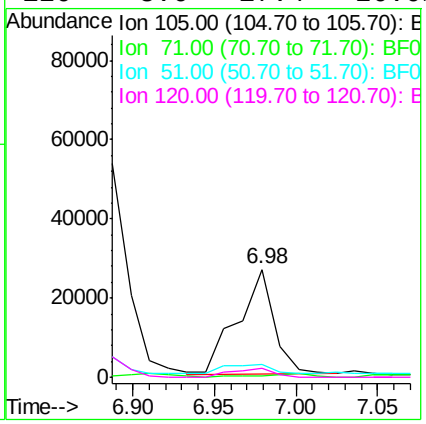


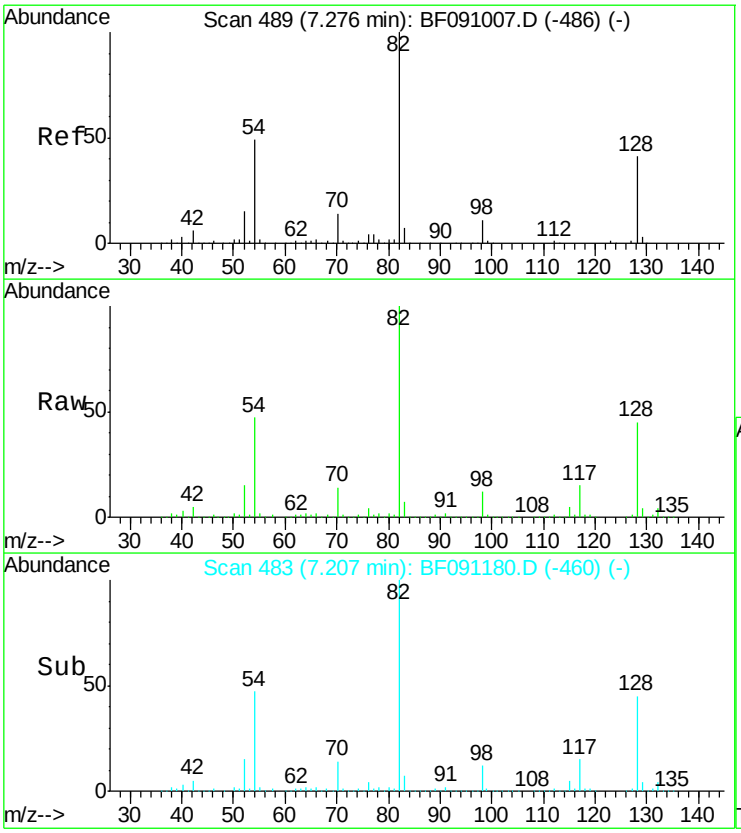
#22
Acetophenone
Concen: 2.89 ng
RT: 6.98 min Scan# 463
Delta R.T. -0.10 min
Lab File: BF091180.D
Acq: 15 Nov 2016 15:54

Instrument :
BNA_F
ClientSampleId :
C19033041

Tgt Ion:105 Resp: 41227

Ion	Ratio	Lower	Upper
105	100		
71	1.5	6.2	9.2#
51	12.2	23.3	34.9#
120	8.6	17.4	26.0#

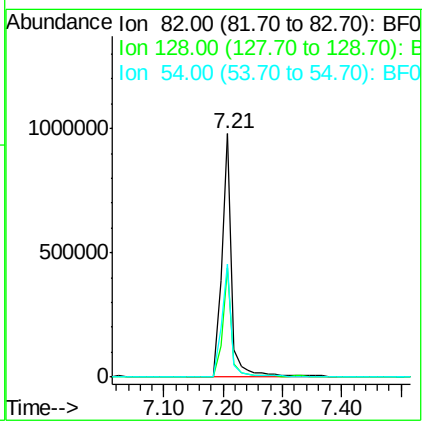


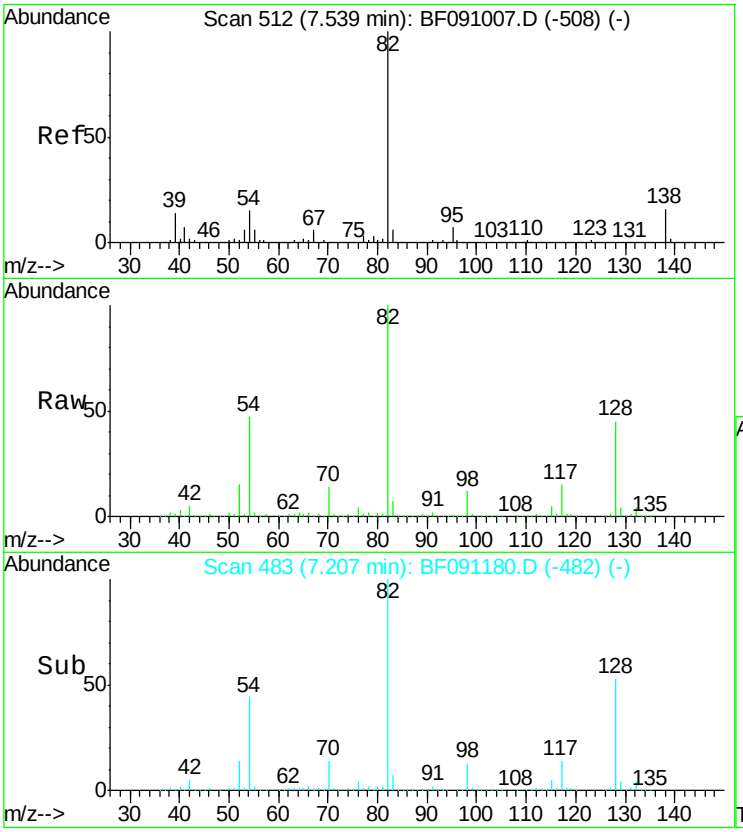


#23
Nitrobenzene-d5
Concen: 100.09 ng
RT: 7.21 min Scan# 483
Delta R.T. -0.03 min
Lab File: BF091180.D
Acq: 15 Nov 2016 15:54

Tgt Ion: 82 Resp: 1136578

Ion	Ratio	Lower	Upper
82	100		
128	44.8	32.4	48.6
54	46.6	39.2	58.8



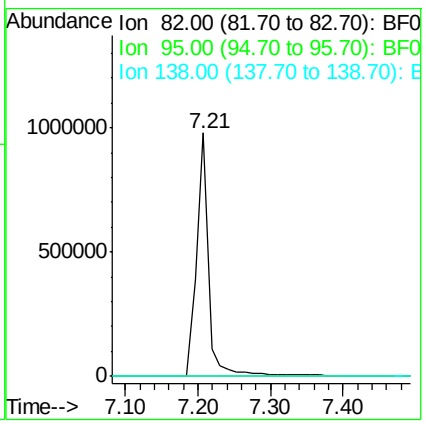


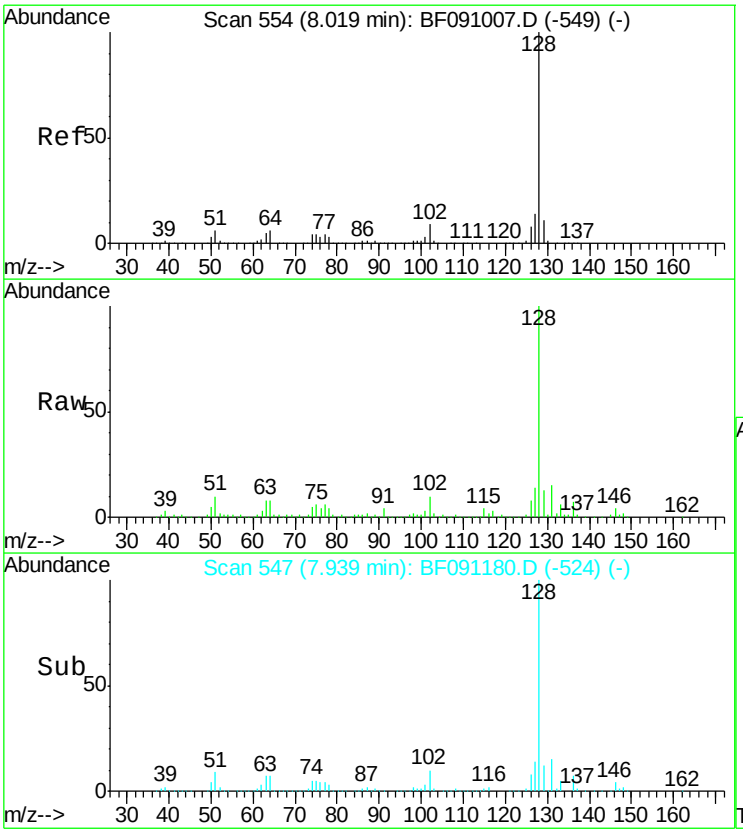
#25
Isophorone
Concen: 50.85 ng
RT: 7.21 min Scan# 483
Delta R.T. -0.29 min
Lab File: BF091180.D
Acq: 15 Nov 2016 15:54

Instrument :
BNA_F
ClientSampleId :
C19033041

Tgt Ion: 82 Resp: 1112750

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

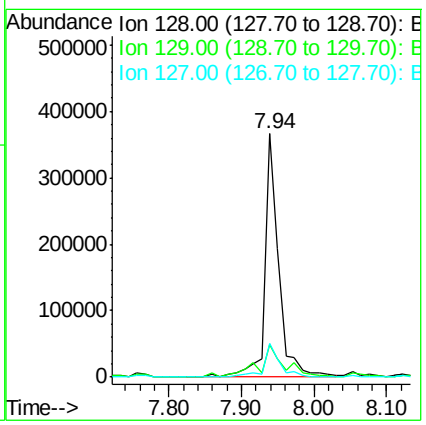


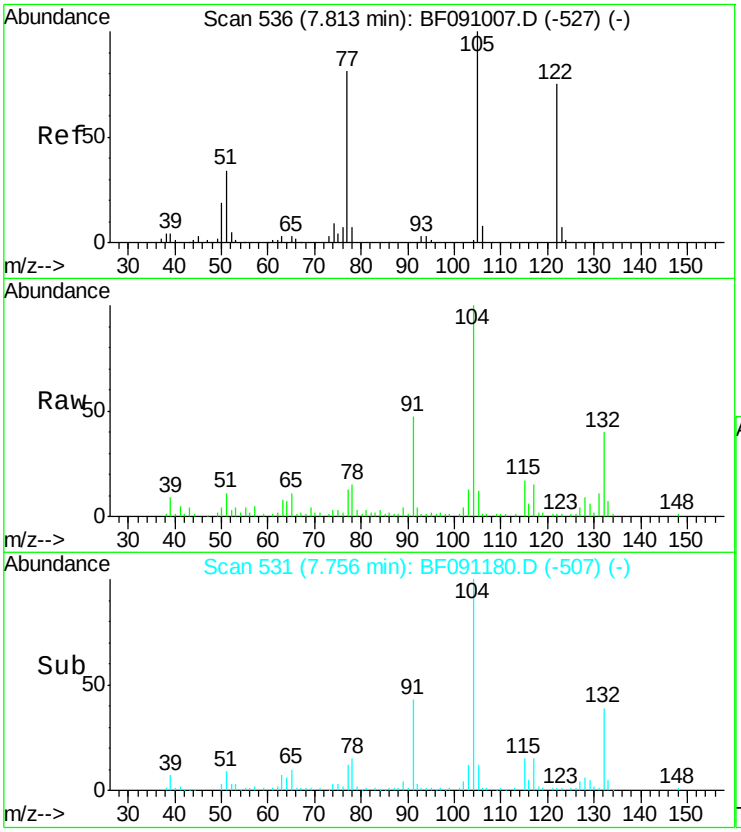


#31
Naphthalene
Concen: 16.60 ng
RT: 7.94 min Scan# 547
Delta R.T. -0.03 min
Lab File: BF091180.D
Acq: 15 Nov 2016 15:54

Tgt Ion:128 Resp: 491649

Ion	Ratio	Lower	Upper
128	100		
129	13.1	9.0	13.6
127	14.0	10.9	16.3



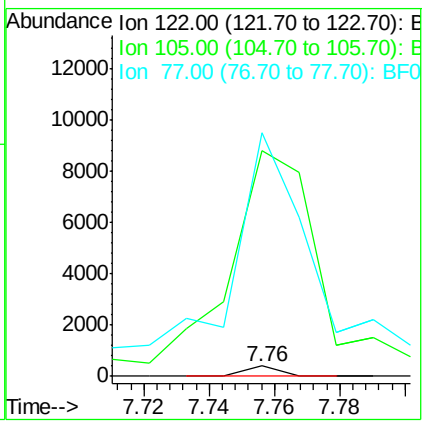


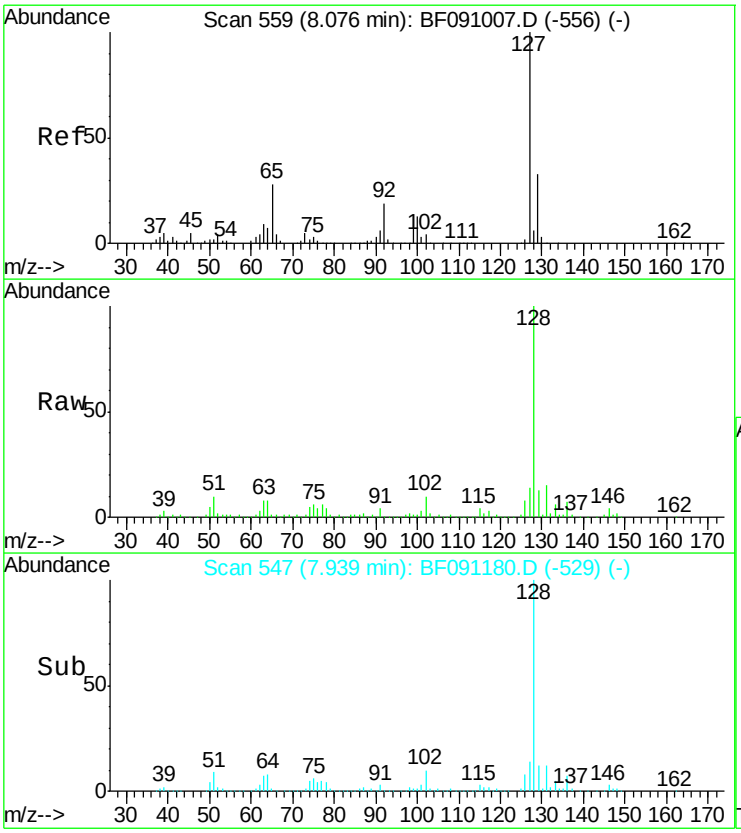
#32
Benzoic acid
Concen: 5.11 ng
RT: 7.76 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF091180.D
Acq: 15 Nov 2016 15:54

Instrument :
BNA_F
ClientSampleId :
C19033041

Tgt Ion:122 Resp: 274

Ion	Ratio	Lower	Upper
122	100		
105	2194.8	105.9	145.9#
77	2373.3	84.0	124.0#

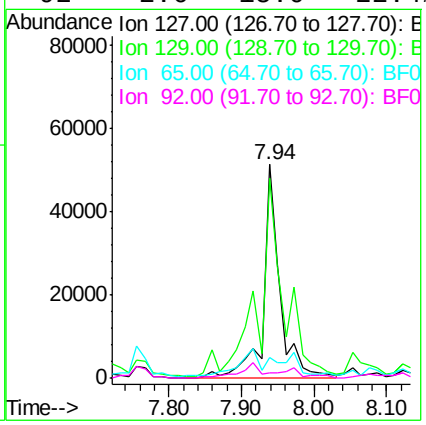


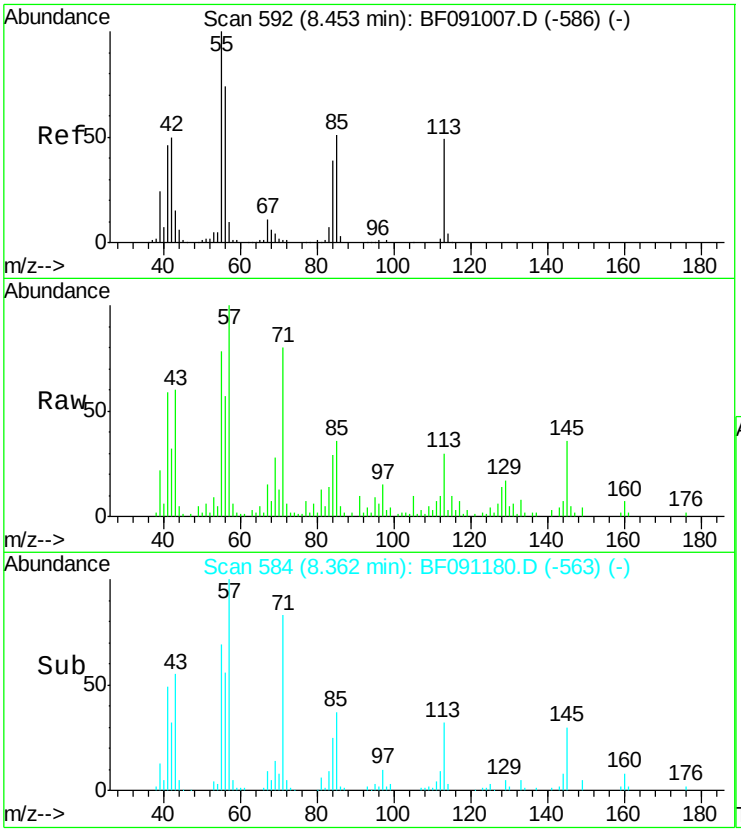


#33
4-Chloroaniline
Concen: 6.82 ng
RT: 7.94 min Scan# 547
Delta R.T. -0.09 min
Lab File: BF091180.D
Acq: 15 Nov 2016 15:54

Tgt Ion:127 Resp: 84004

Ion	Ratio	Lower	Upper
127	100		
129	93.8	26.6	39.8#
65	9.8	22.2	33.2#
92	2.6	15.0	22.4#



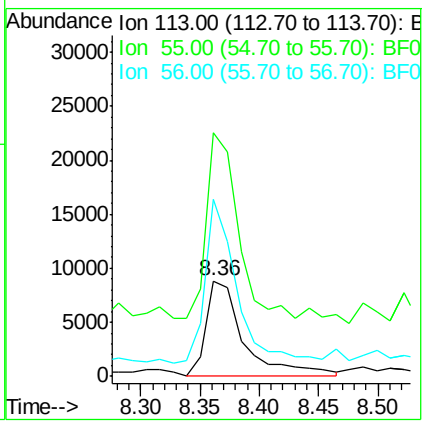


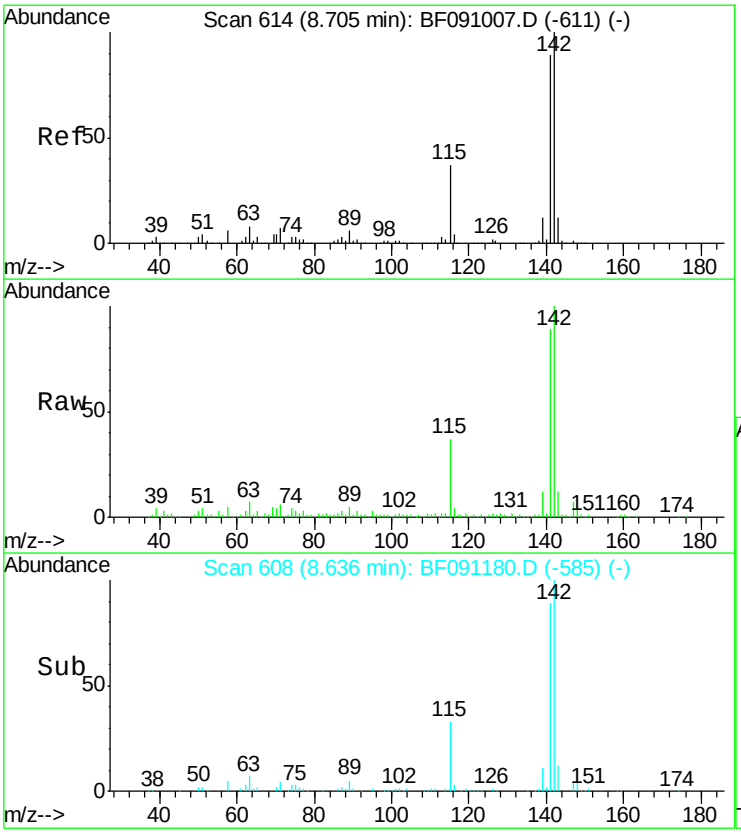
#35
Caprolactam
Concen: 8.25 ng
RT: 8.36 min Scan# 584
Delta R.T. -0.06 min
Lab File: BF091180.D
Acq: 15 Nov 2016 15:54

Instrument :
BNA_F
ClientSampleId :
C19033041

Tgt Ion:113 Resp: 19851

Ion	Ratio	Lower	Upper
113	100		
55	255.9	184.1	224.1#
56	186.4	132.0	172.0#

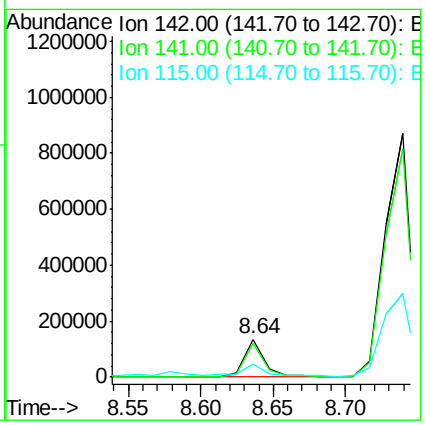


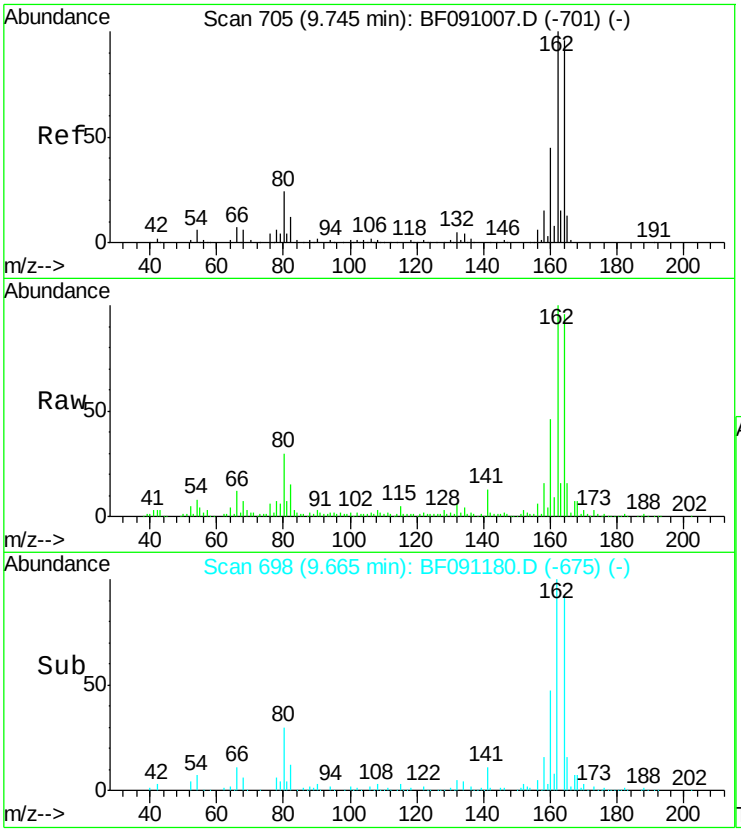


#37
2-Methylnaphthalene
Concen: 6.73 ng
RT: 8.64 min Scan# 608
Delta R.T. -0.03 min
Lab File: BF091180.D
Acq: 15 Nov 2016 15:54

Tgt Ion:142 Resp: 128238

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.3	106.9
115	36.6	29.9	44.9



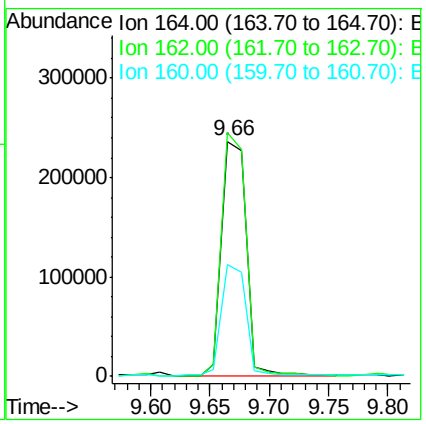


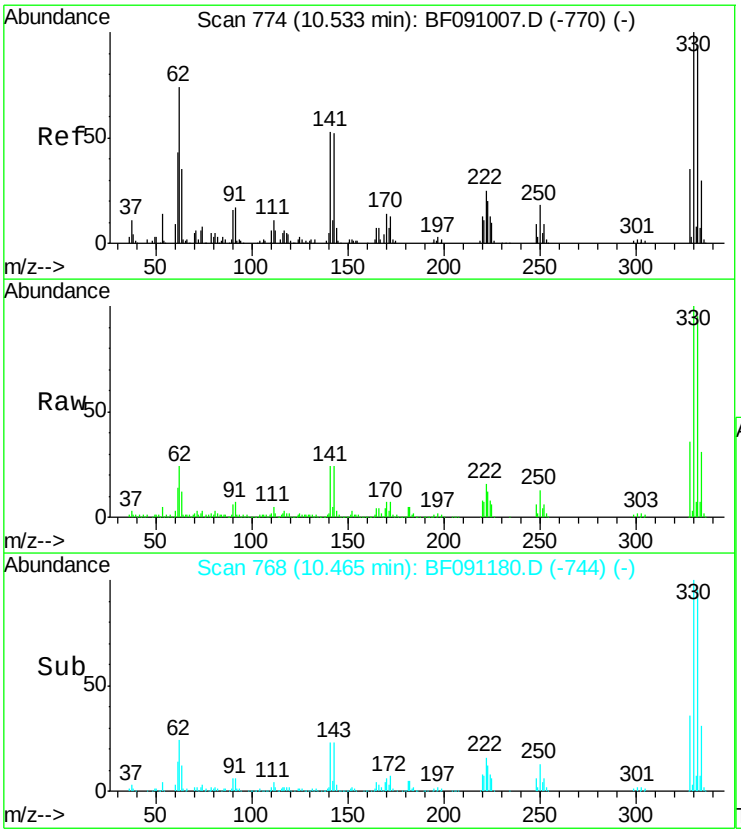
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 698
Delta R.T. -0.03 min
Lab File: BF091180.D
Acq: 15 Nov 2016 15:54

Instrument :
BNA_F
ClientSampleId :
C19033041

Tgt Ion:164 Resp: 340066

Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.6	125.4
160	47.6	37.9	56.9

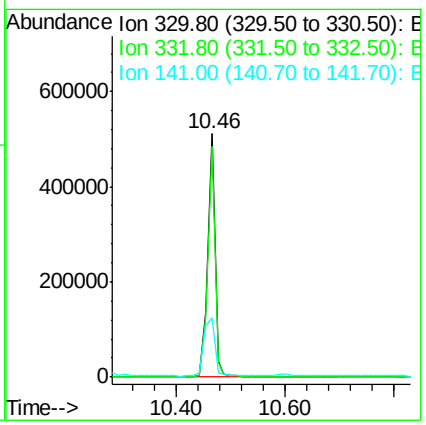


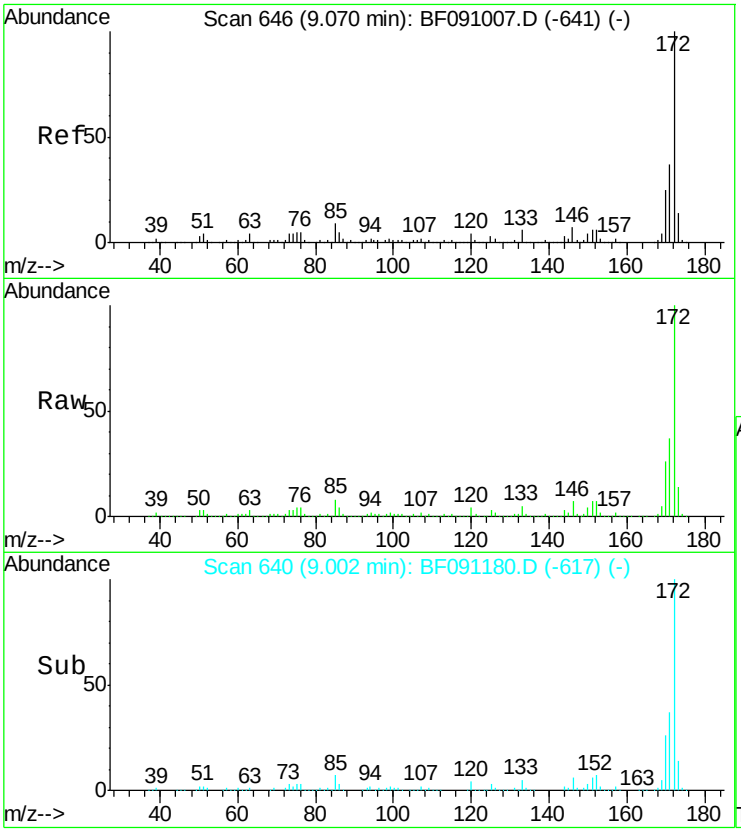


#41
2,4,6-Tribromophenol
Concen: 157.66 ng
RT: 10.46 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF091180.D
Acq: 15 Nov 2016 15:54

Tgt Ion:330 Resp: 484727

Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.9	113.9
141	36.2	36.1	54.1



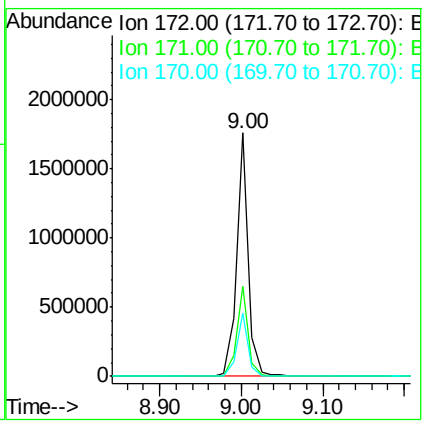


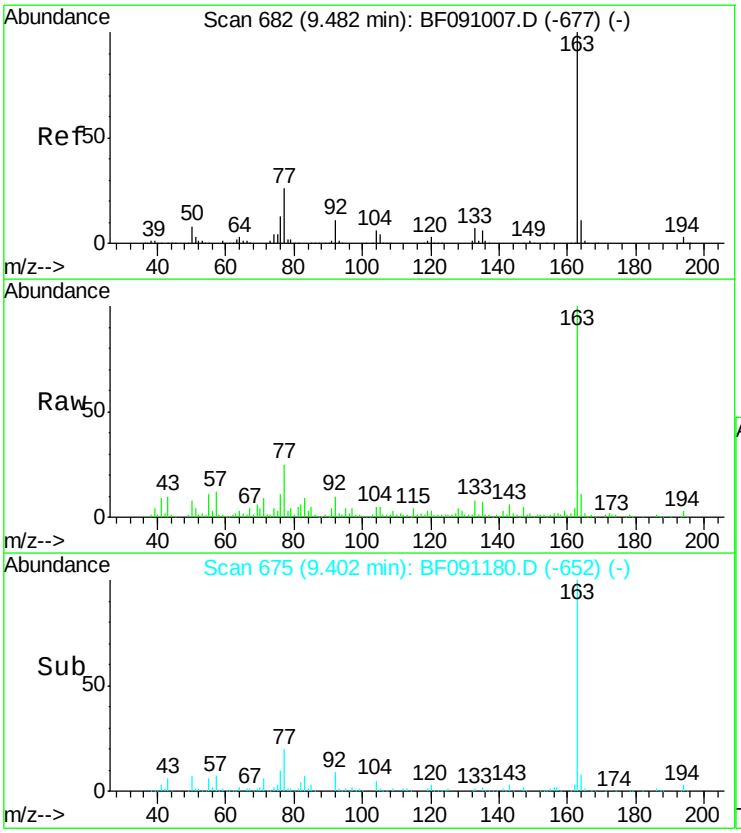
#44
2-Fluorobiphenyl
Concen: 88.78 ng
RT: 9.00 min Scan# 640
Delta R.T. -0.03 min
Lab File: BF091180.D
Acq: 15 Nov 2016 15:54

Instrument :
BNA_F
ClientSampleId :
C19033041

Tgt Ion:172 Resp: 1753613

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.8	44.6
170	25.8	20.3	30.5

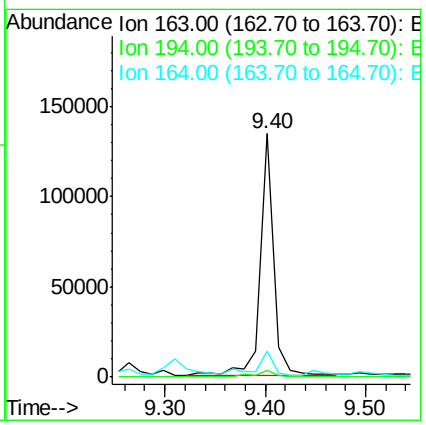


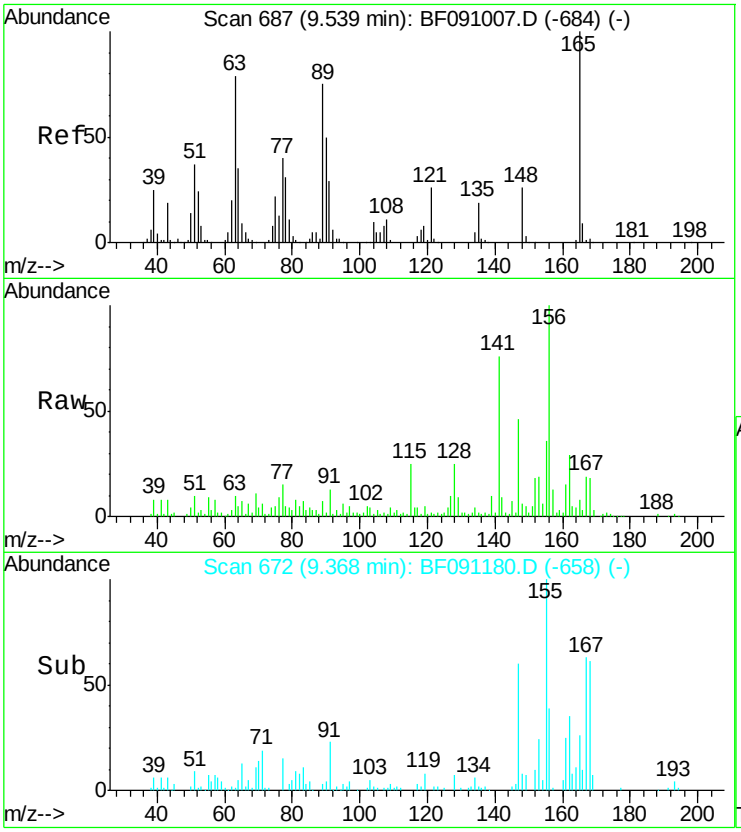


#49
Dimethylphthalate
Concen: 5.54 ng
RT: 9.40 min Scan# 675
Delta R.T. -0.03 min
Lab File: BF091180.D
Acq: 15 Nov 2016 15:54

Tgt Ion:163 Resp: 123506

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.9	8.7	13.1



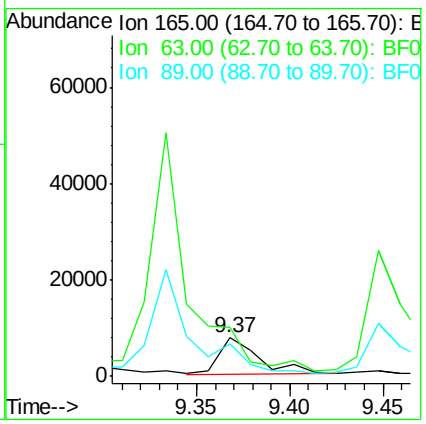


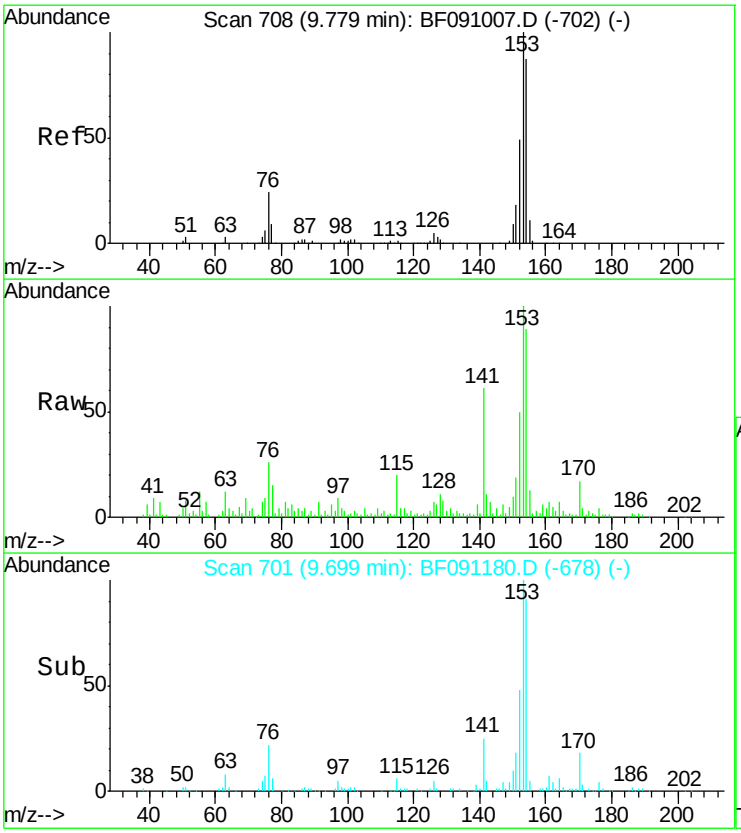
#50
2,6-Dinitrotoluene
Concen: 2.35 ng
RT: 9.37 min Scan# 672
Delta R.T. -0.14 min
Lab File: BF091180.D
Acq: 15 Nov 2016 15:54

Instrument :
BNA_F
ClientSampleId :
C19033041

Tgt Ion:165 Resp: 11247

Ion	Ratio	Lower	Upper
165	100		
63	126.6	65.6	98.4#
89	85.8	59.8	89.6

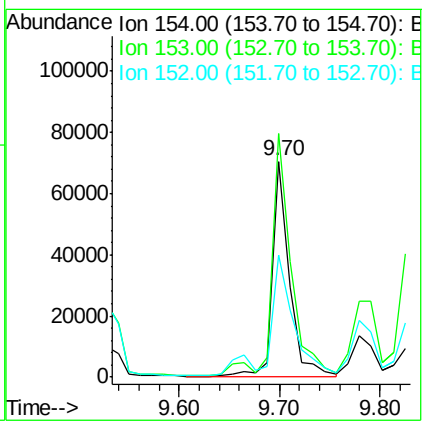


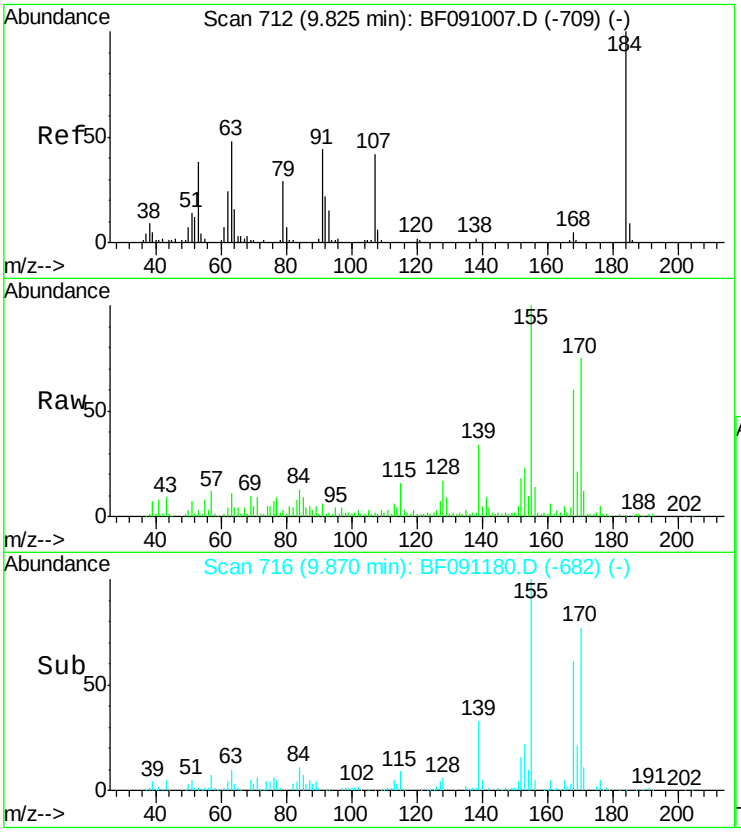


#51
Acenaphthene
Concen: 4.51 ng
RT: 9.70 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF091180.D
Acq: 15 Nov 2016 15:54

Tgt Ion:154 Resp: 83136

Ion	Ratio	Lower	Upper
154	100		
153	112.8	91.6	137.4
152	56.3	44.6	67.0



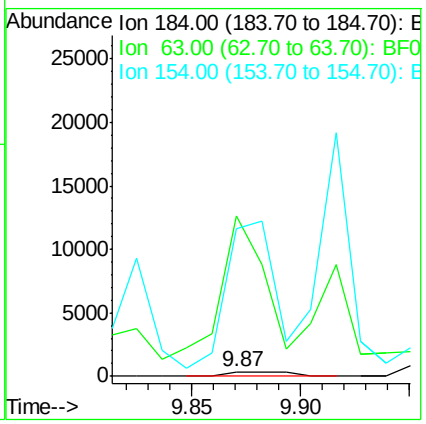


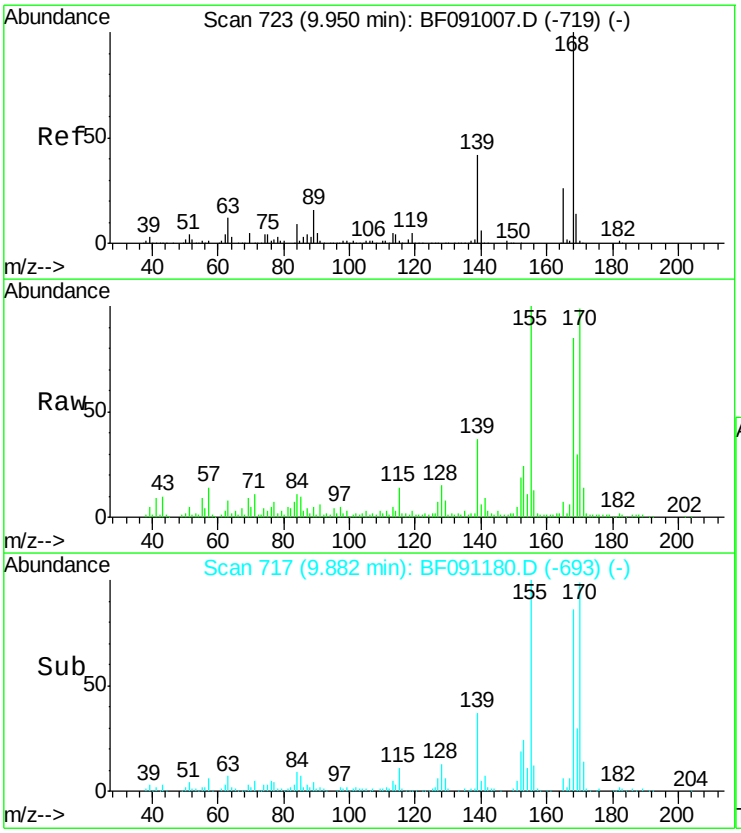
#53
2,4-Dinitrophenol
Concen: 6.52 ng
RT: 9.87 min Scan# 716
Delta R.T. 0.09 min
Lab File: BF091180.D
Acq: 15 Nov 2016 15:54

Instrument :
BNA_F
ClientSampleId :
C19033041

Tgt Ion:184 Resp: 738

Ion	Ratio	Lower	Upper
184	100		
63	3444.7	45.5	68.3#
154	3156.7	51.0	76.4#

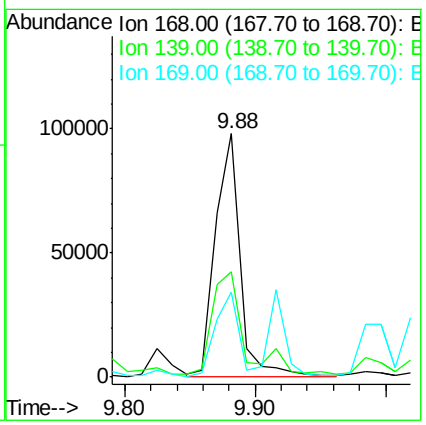


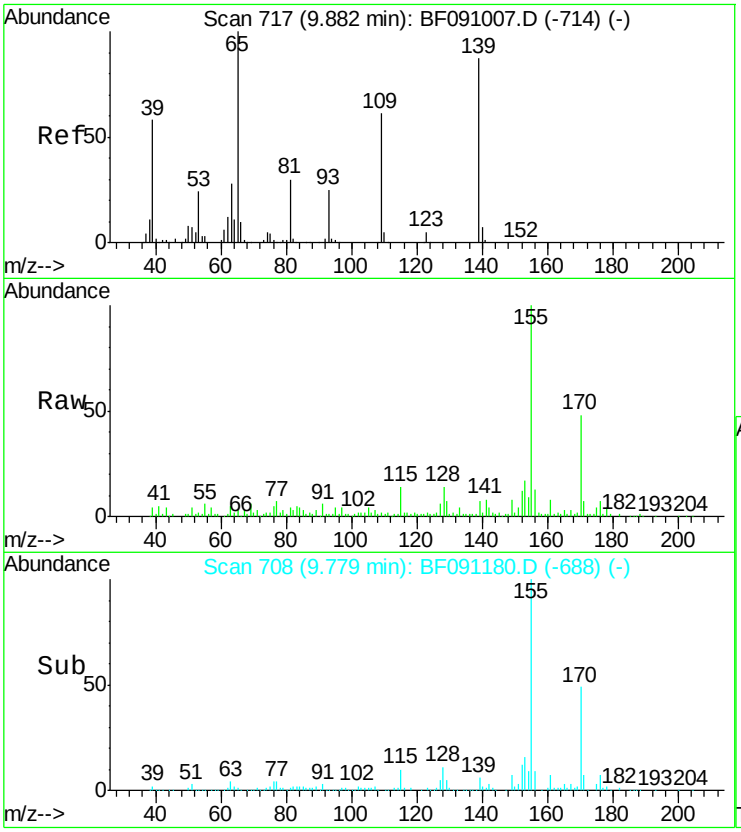


#54
Dibenzofuran
Concen: 5.23 ng
RT: 9.88 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF091180.D
Acq: 15 Nov 2016 15:54

Tgt Ion:168 Resp: 129843

Ion	Ratio	Lower	Upper
168	100		
139	43.5	34.8	52.2
169	35.0	11.4	17.2#



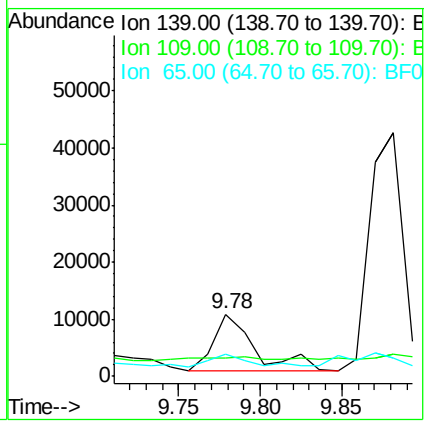


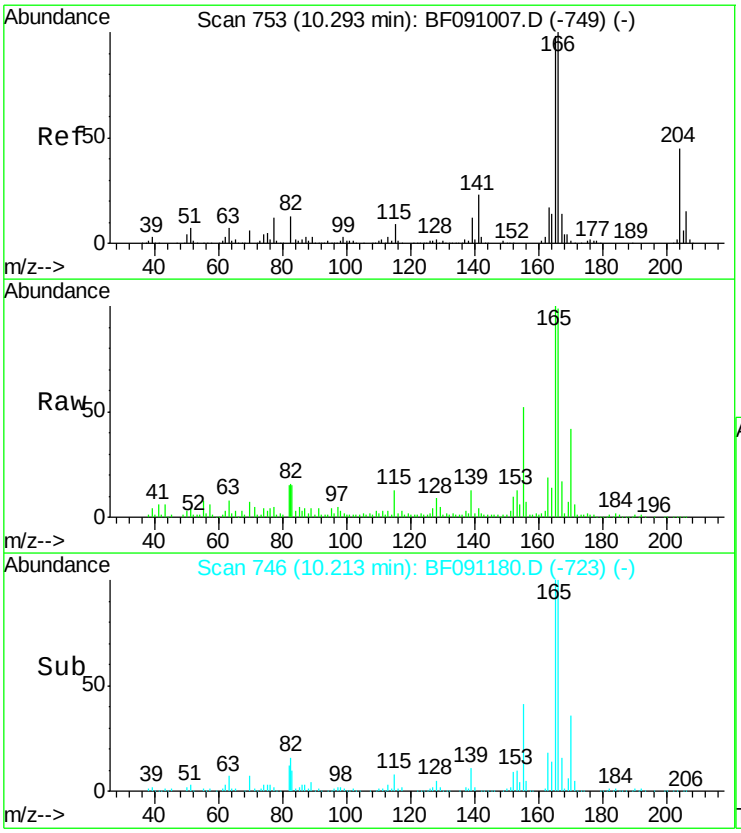
#55
4-Nitrophenol
Concen: 9.98 ng
RT: 9.78 min Scan# 708
Delta R.T. -0.07 min
Lab File: BF091180.D
Acq: 15 Nov 2016 15:54

Instrument :
BNA_F
ClientSampleId :
C19033041

Tgt Ion:139 Resp: 17250

Ion	Ratio	Lower	Upper
139	100		
109	30.1	50.5	90.5#
65	35.4	97.1	137.1#

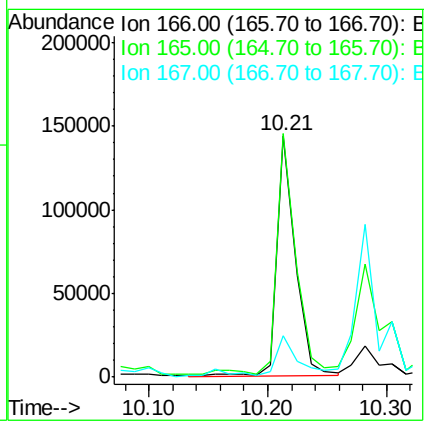


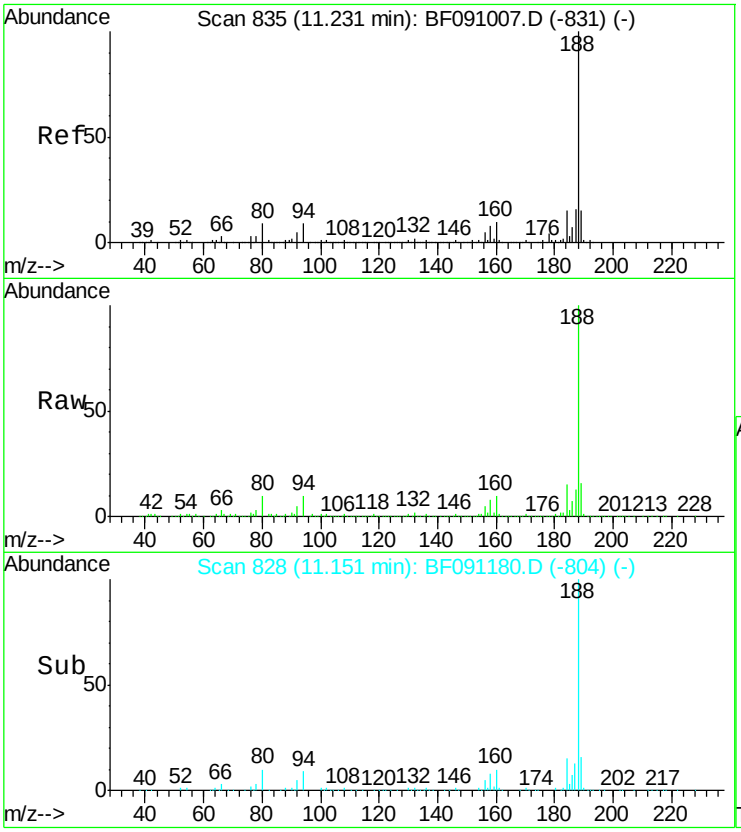


#57
Fluorene
Concen: 7.70 ng
RT: 10.21 min Scan# 746
Delta R.T. -0.03 min
Lab File: BF091180.D
Acq: 15 Nov 2016 15:54

Tgt Ion:166 Resp: 156308

Ion	Ratio	Lower	Upper
166	100		
165	100.9	78.6	118.0
167	17.2	11.1	16.7#



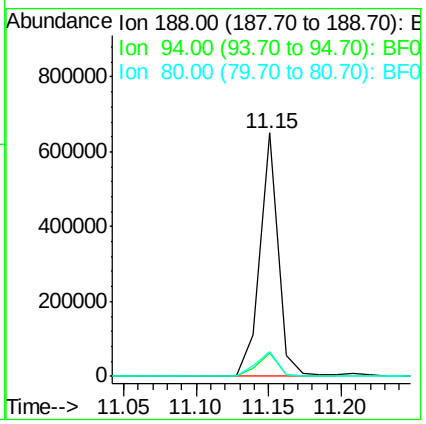


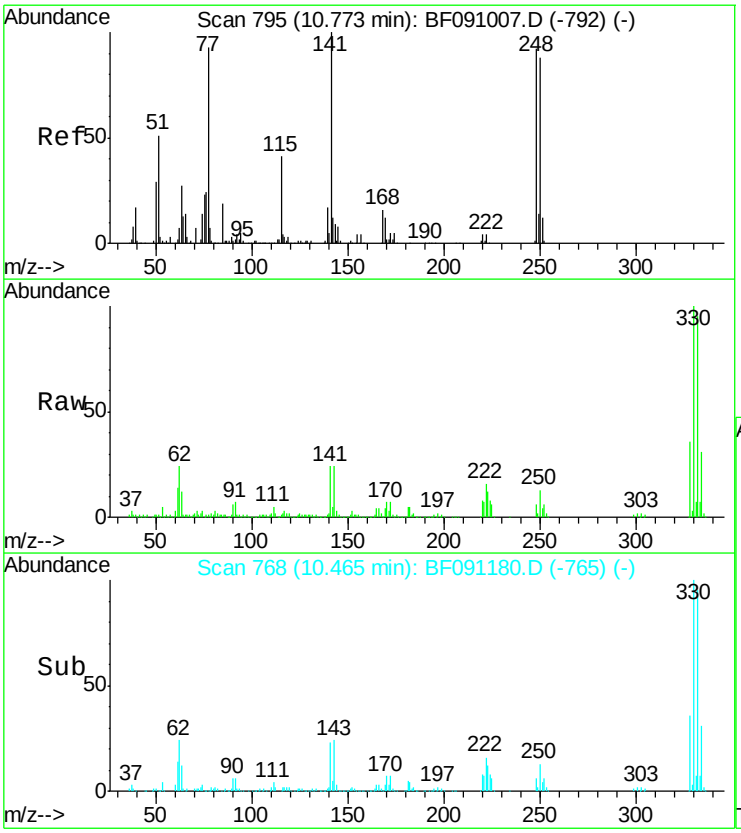
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091180.D
Acq: 15 Nov 2016 15:54

Instrument :
BNA_F
ClientSampleId :
C19033041

Tgt Ion:188 Resp: 571972

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.0	10.4
80	10.3	7.5	11.3

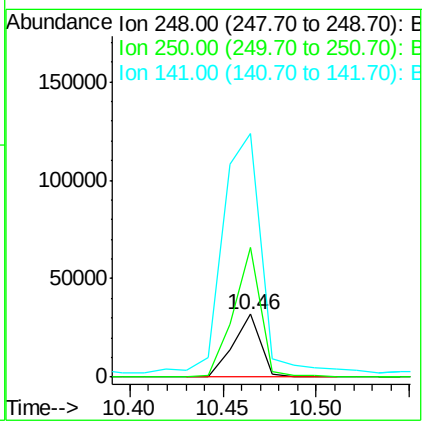


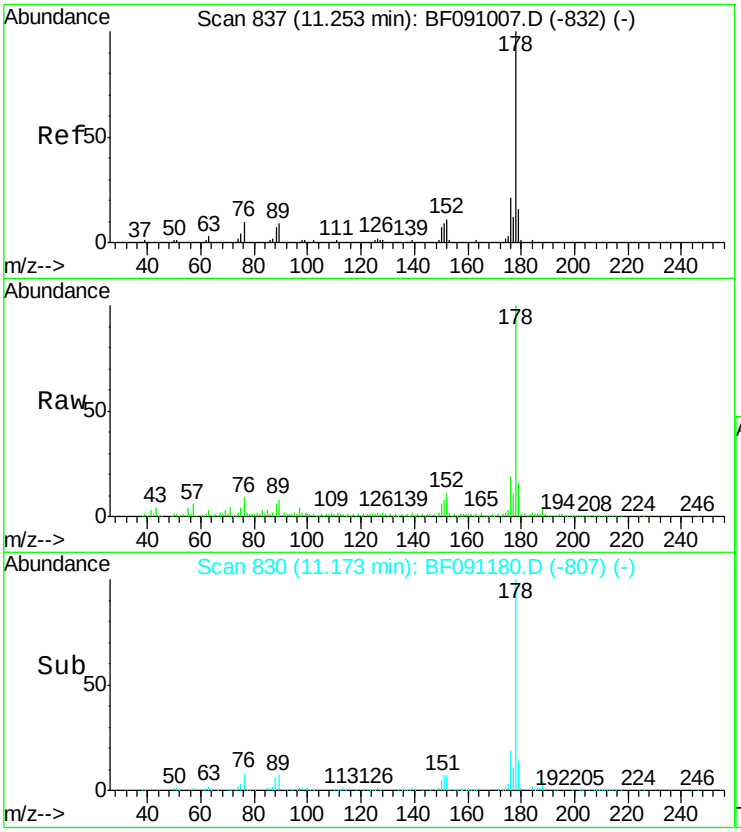


#66
4-Bromophenyl-phenylether
Concen: 5.56 ng
RT: 10.46 min Scan# 768
Delta R.T. -0.26 min
Lab File: BF091180.D
Acq: 15 Nov 2016 15:54

Tgt Ion:248 Resp: 33071

Ion	Ratio	Lower	Upper
248	100		
250	207.1	76.3	114.5#
141	387.0	86.8	130.2#



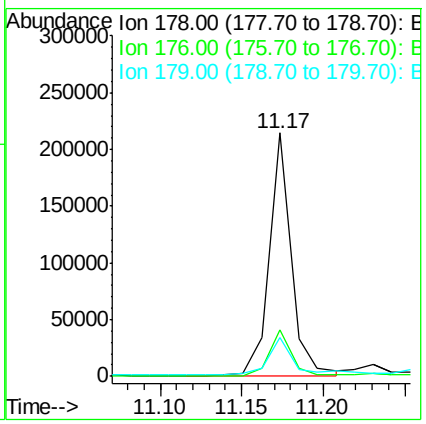


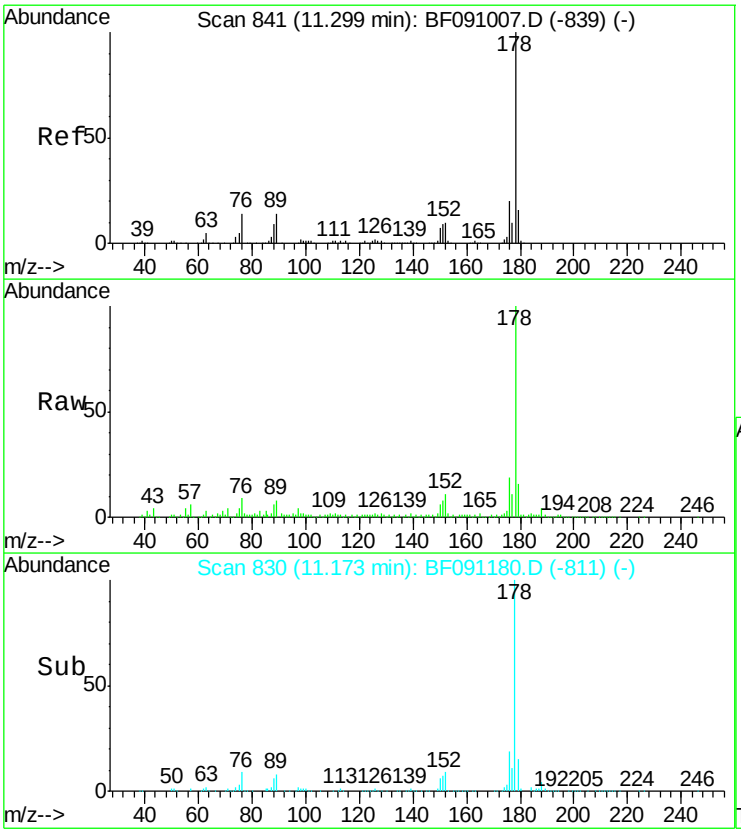
#70
Phenanthrene
Concen: 6.58 ng
RT: 11.17 min Scan# 830
Delta R.T. -0.03 min
Lab File: BF091180.D
Acq: 15 Nov 2016 15:54

Instrument :
BNA_F
ClientSampleId :
C19033041

Tgt Ion:178 Resp: 199927

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

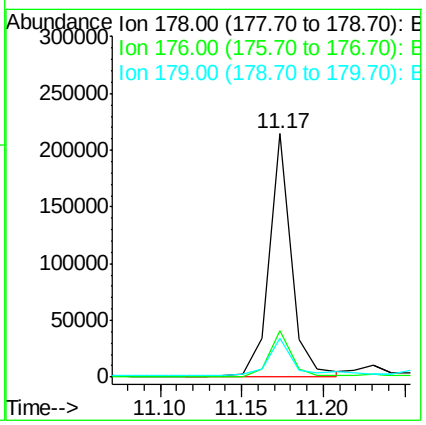


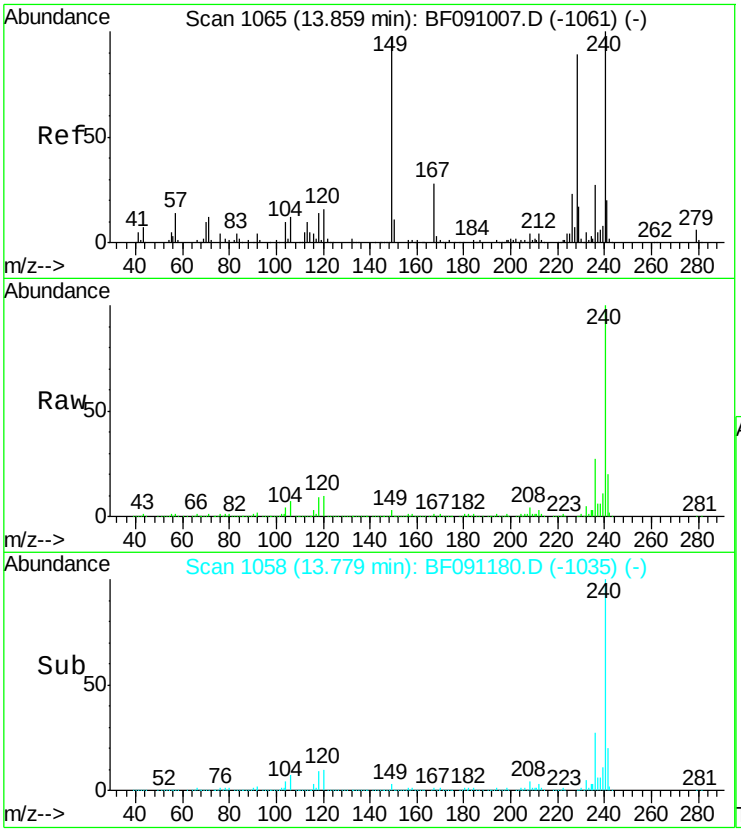


#71
Anthracene
Concen: 6.18 ng
RT: 11.17 min Scan# 830
Delta R.T. -0.08 min
Lab File: BF091180.D
Acq: 15 Nov 2016 15:54

Tgt Ion:178 Resp: 199927

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.0	24.0
179	15.8	13.0	19.6



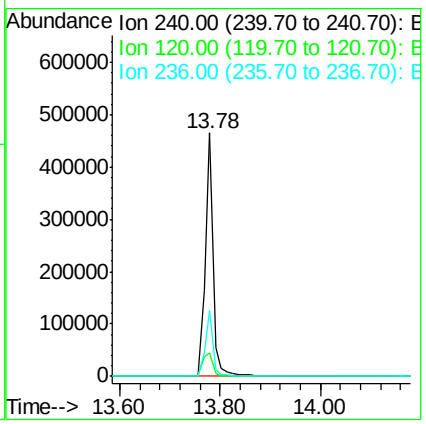


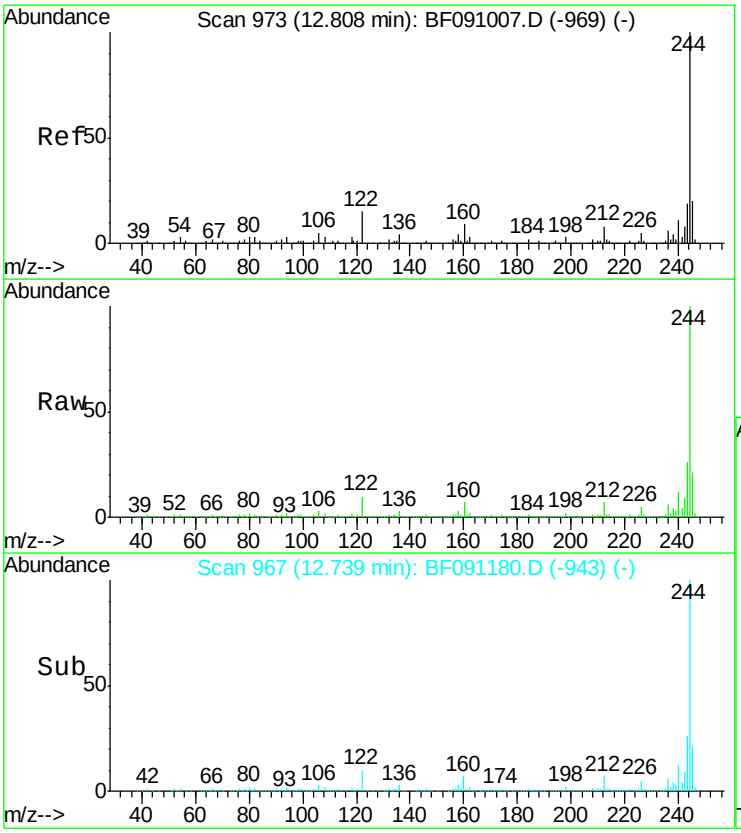
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BF091180.D
Acq: 15 Nov 2016 15:54

Instrument :
BNA_F
ClientSampleId :
C19033041

Tgt Ion:240 Resp: 502177

Ion	Ratio	Lower	Upper
240	100		
120	9.9	12.9	19.3#
236	27.2	21.9	32.9

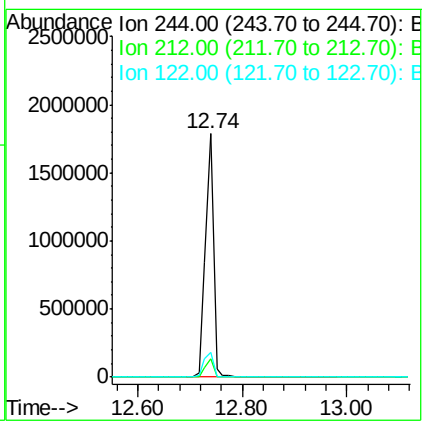


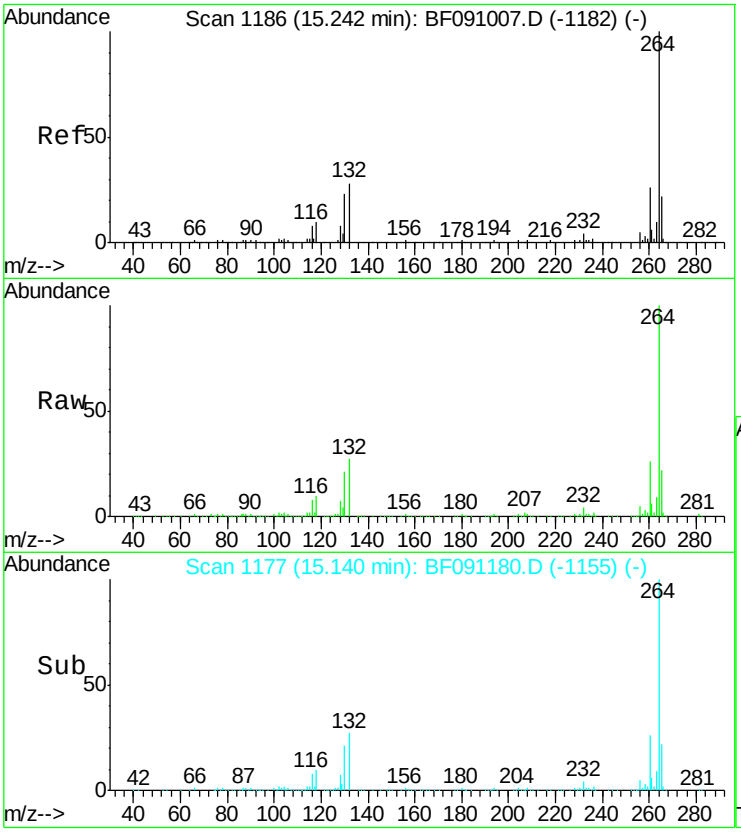


#78
Terphenyl-d14
Concen: 94.61 ng
RT: 12.74 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF091180.D
Acq: 15 Nov 2016 15:54

Tgt Ion:244 Resp: 1903856

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.4	9.6
122	10.0	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: BF091180.D
Acq: 15 Nov 2016 15:54

Instrument :
BNA_F
ClientSampleId :
C19033041

Tgt Ion:264 Resp: 389449

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.6	30.8
265	21.6	17.8	26.8