Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091196.D
Acq On : 16 Nov 2016 18:59
Operator : UM/SJ
Sample : H5636-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C19013041

Quant Time: Nov 16 23:53:36 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	187096	20.00	ng		-0.05
21) Naphthalene-d8	7.90	136	792025	20.00	ng		-0.05
38) Acenaphthene-d10	9.66	164	433524	20.00	ng		-0.03
63) Phenanthrene-d10	11.14	188	773941	20.00	ng		-0.03
75) Chrysene-d12	13.77	240	580586	20.00	ng		-0.05
86) Perylene-d12	15.14	264	458782	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	486836	42.97	ng		-0.05
7) Phenol-d6	6.27	99	443173	28.82	ng		-0.05
23) Nitrobenzene-d5	7.20	82	1068867	73.62	ng		-0.05
41) 2,4,6-Tribromophenol	10.45	330	162429	41.44	ng		-0.03
44) 2-Fluorobiphenyl	8.99	172	1705391	67.73	ng		-0.05
78) Terphenyl-d14	12.73	244	1693737	72.80	ng		-0.03
Target Compounds							Qvalue
9) Benzaldehyde	6.38	77	22556	2.64	ng		86
18) Hexachloroethane	7.20	117	58394	10.29	ng	#	6
19) n-Nitroso-di-n-propylamine	7.20	70	144147	13.53	ng	#	73
25) Isophorone	7.20	82	1038405	37.12	ng	#	67
31) Naphthalene	7.93	128	180960	4.78	ng		98
32) Benzoic acid	7.55	122	206	5.10	ng	#	64
37) 2-Methylnaphthalene	8.62	142	143454	5.89	ng		99
53) 2,4-Dinitrophenol	9.95	184	1097	6.56	ng		97
55) 4-Nitrophenol	9.78	139	6491	6.98	ng	#	33
57) Fluorene	10.20	166	63223	2.44	ng		97

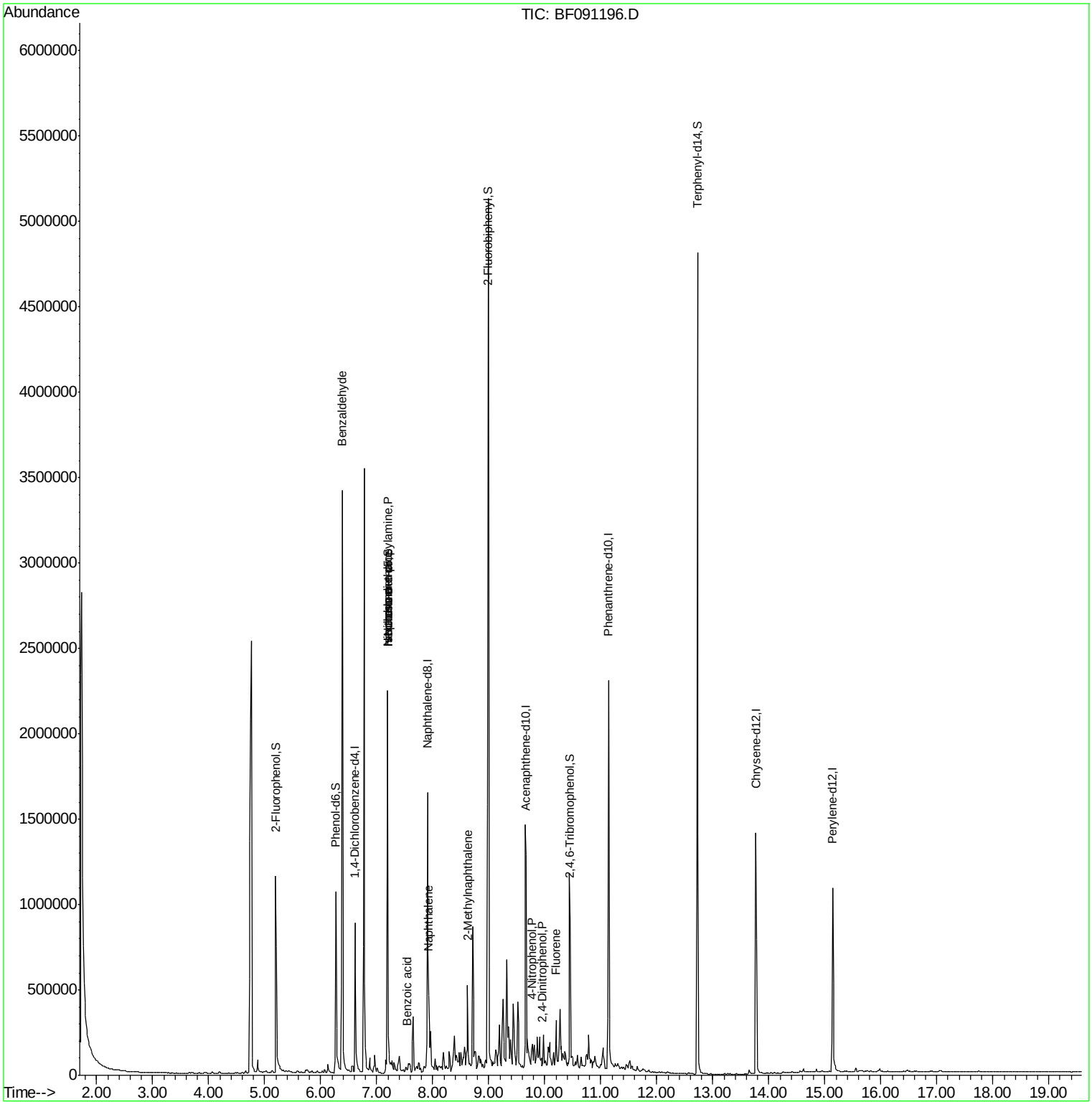
(#) = qualifier out of range (m) = manual integration (+) = signals summed

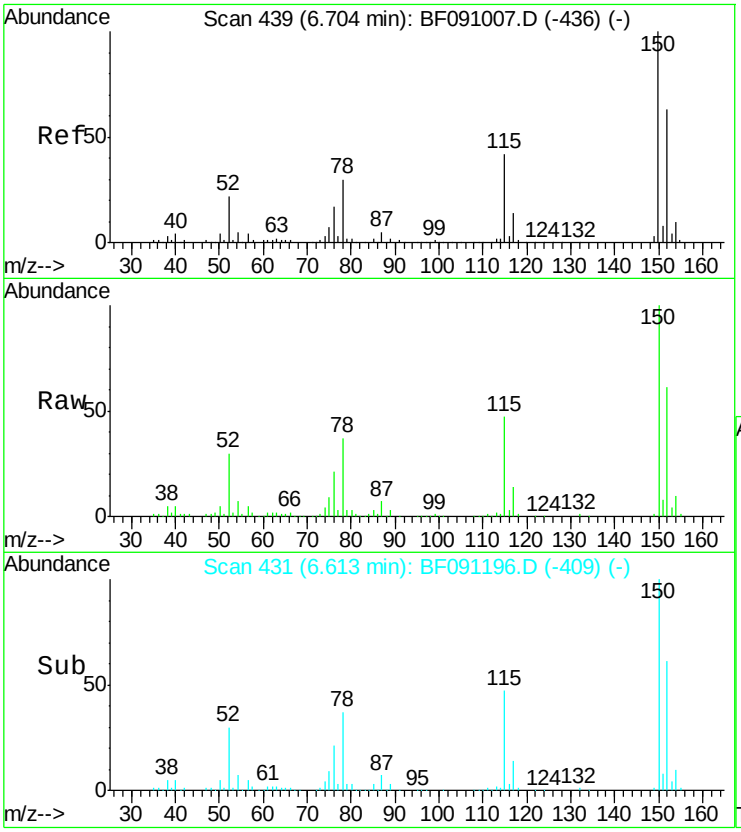
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091196.D
Acq On : 16 Nov 2016 18:59
Operator : UM/SJ
Sample : H5636-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C19013041

Quant Time: Nov 16 23:53:36 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



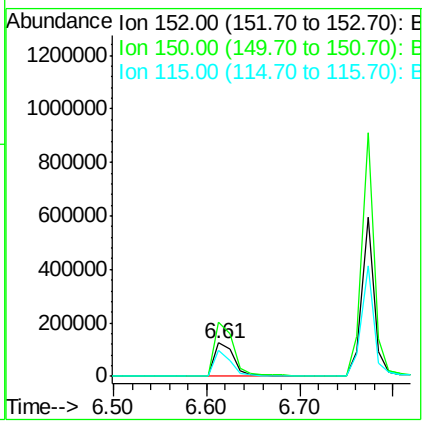


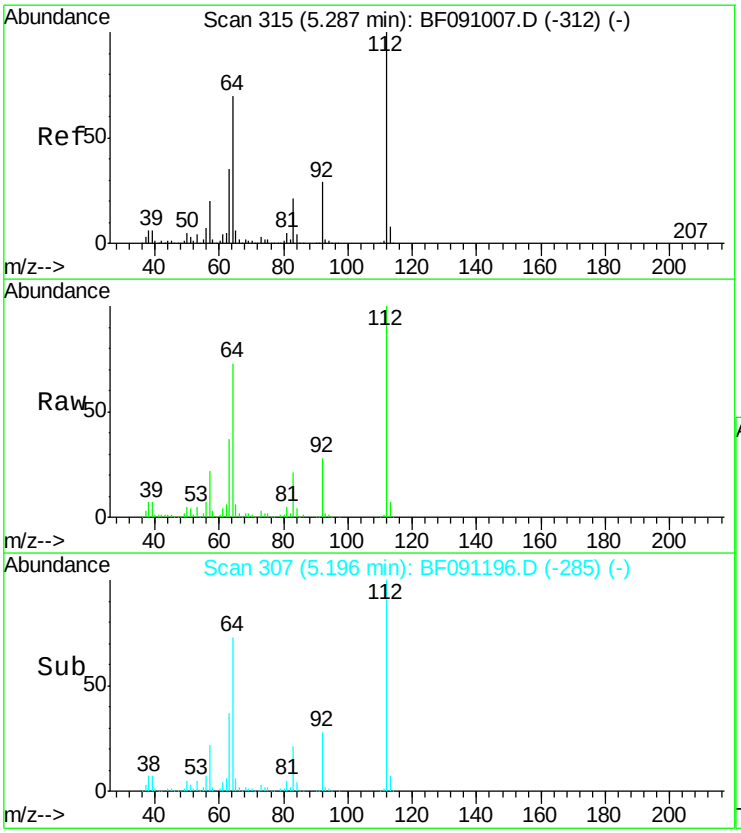
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.61 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF091196.D
Acq: 16 Nov 2016 18:59

Instrument :
BNA_F
ClientSampleId :
C19013041

Tgt Ion:152 Resp: 187096

Ion	Ratio	Lower	Upper
152	100		
150	163.2	126.8	190.2
115	76.5	53.3	79.9

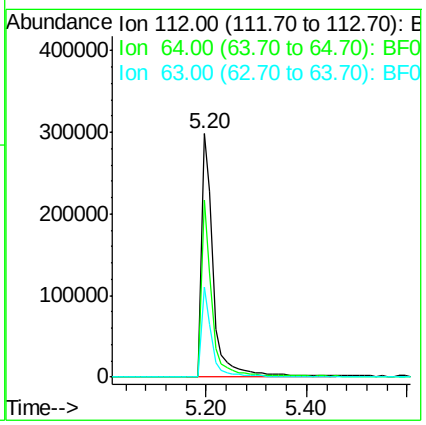


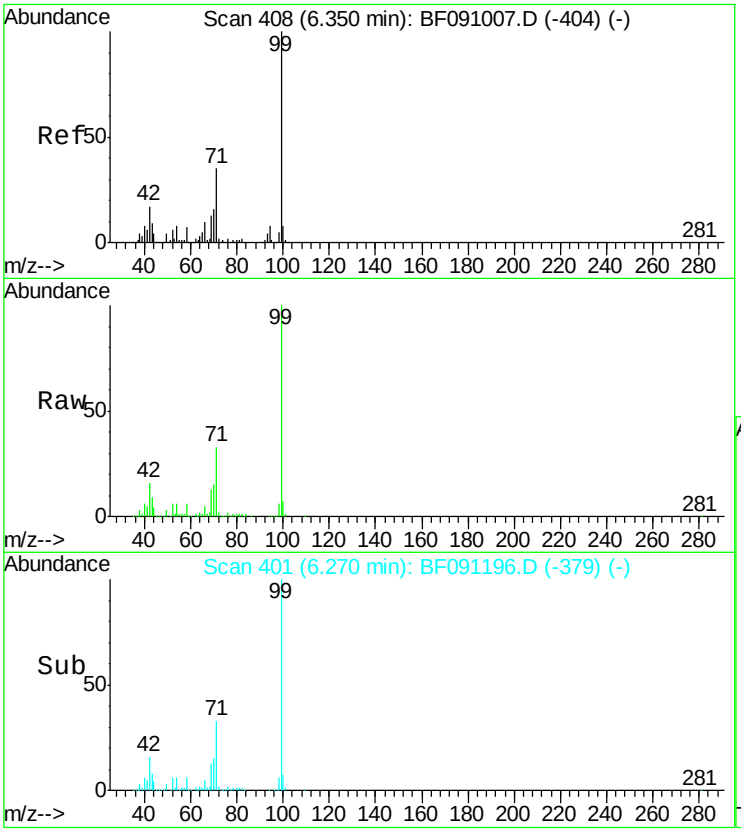


#5
2-Fluorophenol
Concen: 42.97 ng
RT: 5.20 min Scan# 307
Delta R.T. -0.05 min
Lab File: BF091196.D
Acq: 16 Nov 2016 18:59

Tgt Ion:112 Resp: 486836

Ion	Ratio	Lower	Upper
112	100		
64	72.8	55.8	83.6
63	36.7	28.0	42.0



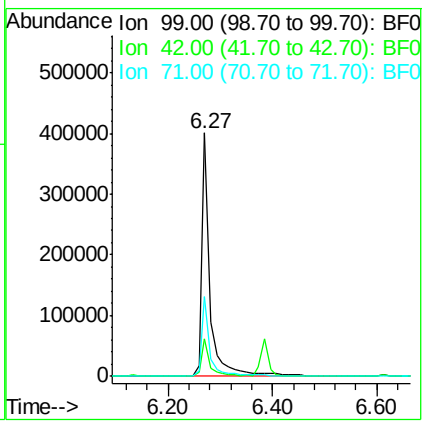


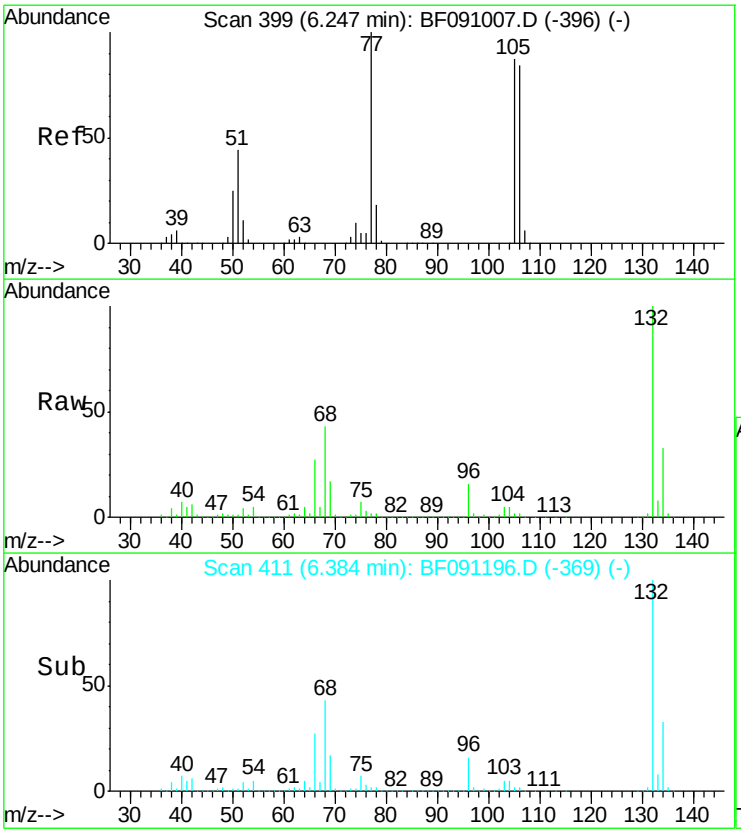
#7
Phenol-d6
Concen: 28.82 ng
RT: 6.27 min Scan# 401
Delta R.T. -0.05 min
Lab File: BF091196.D
Acq: 16 Nov 2016 18:59

Instrument :
BNA_F
ClientSampleId :
C19013041

Tgt Ion: 99 Resp: 443173

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.9	20.9
71	32.8	27.8	41.8

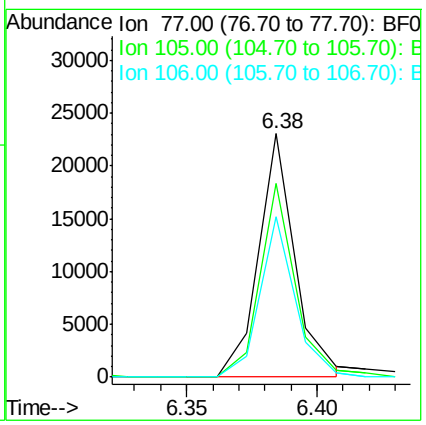


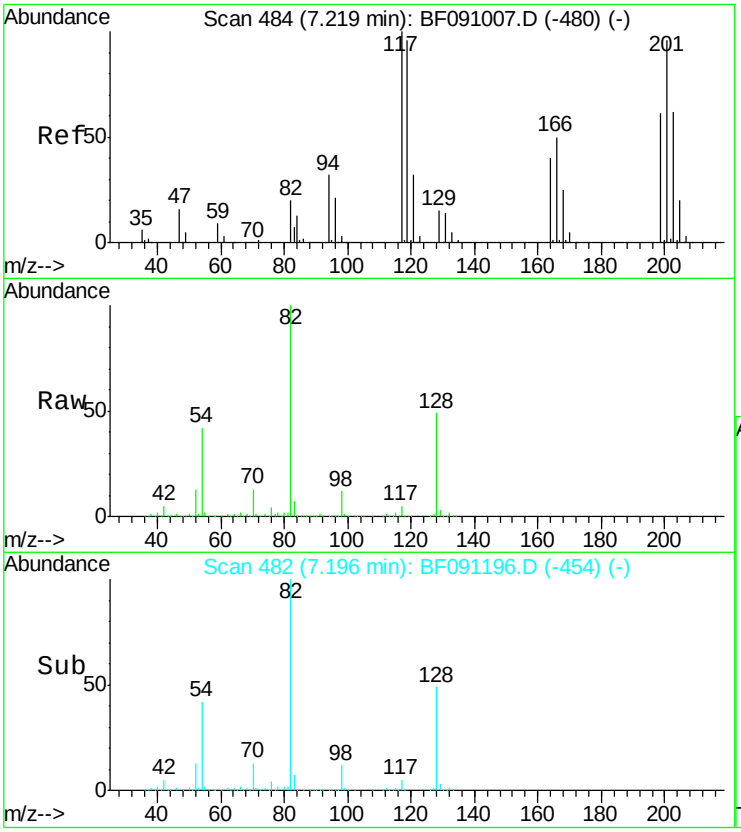


#9
Benzaldehyde
Concen: 2.64 ng
RT: 6.38 min Scan# 411
Delta R.T. 0.18 min
Lab File: BF091196.D
Acq: 16 Nov 2016 18:59

Tgt Ion: 77 Resp: 22556

Ion	Ratio	Lower	Upper
77	100		
105	79.7	66.8	106.8
106	66.1	64.0	104.0



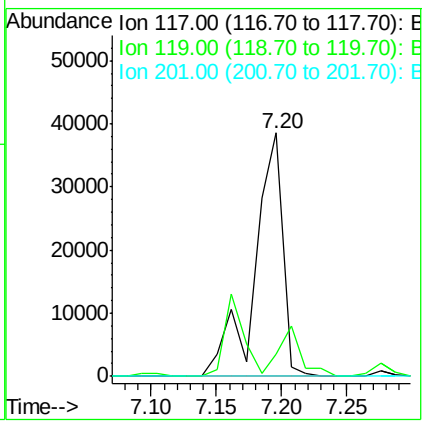


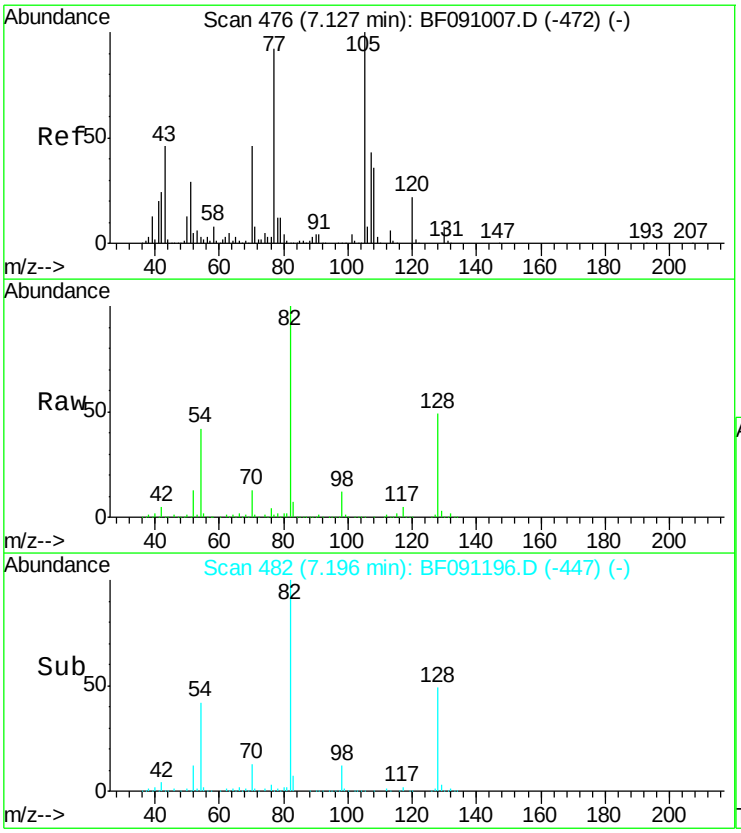
#18
Hexachloroethane
Concen: 10.29 ng
RT: 7.20 min Scan# 482
Delta R.T. 0.02 min
Lab File: BF091196.D
Acq: 16 Nov 2016 18:59

Instrument :
BNA_F
ClientSampleId :
C19013041

Tgt Ion:117 Resp: 58394

Ion	Ratio	Lower	Upper
117	100		
119	8.9	76.6	115.0#
201	0.0	77.1	115.7#

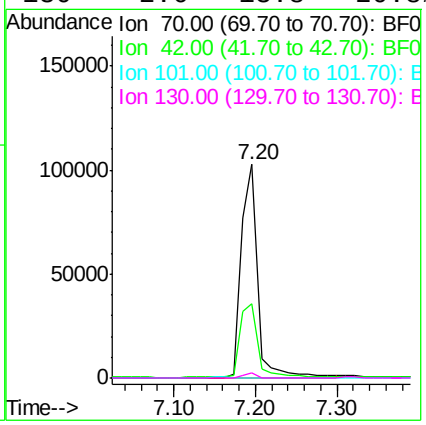


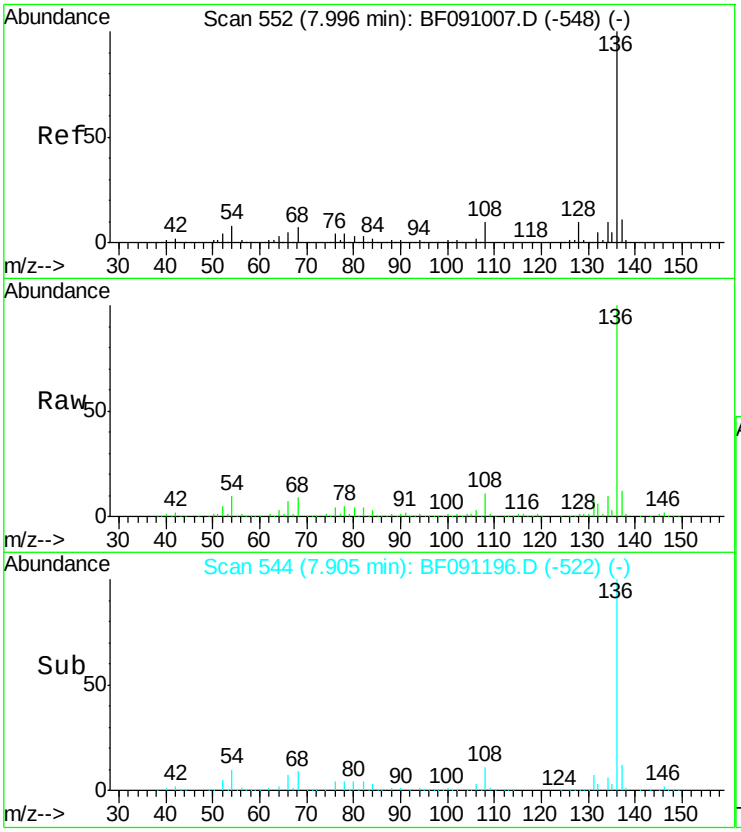


#19
n-Nitroso-di-n-propylamine
Concen: 13.53 ng
RT: 7.20 min Scan# 482
Delta R.T. 0.10 min
Lab File: BF091196.D
Acq: 16 Nov 2016 18:59

Tgt Ion: 70 Resp: 144147

Ion	Ratio	Lower	Upper
70	100		
42	34.5	41.7	62.5#
101	0.0	6.7	10.1#
130	2.6	13.8	20.8#



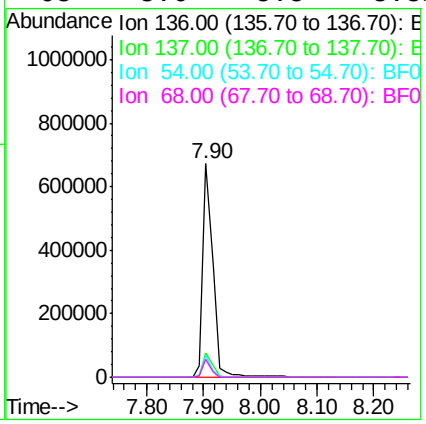


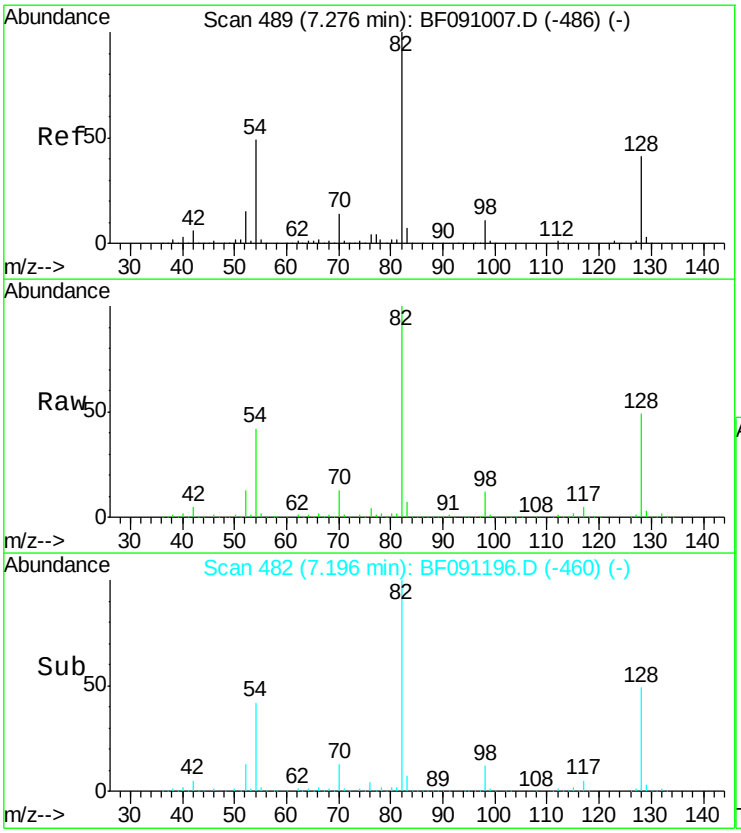
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 544
Delta R.T. -0.05 min
Lab File: BF091196.D
Acq: 16 Nov 2016 18:59

Instrument :
BNA_F
ClientSampleId :
C19013041

Tgt Ion:136 Resp: 792025

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	10.2	6.2	9.2#
68	8.6	5.5	8.3#

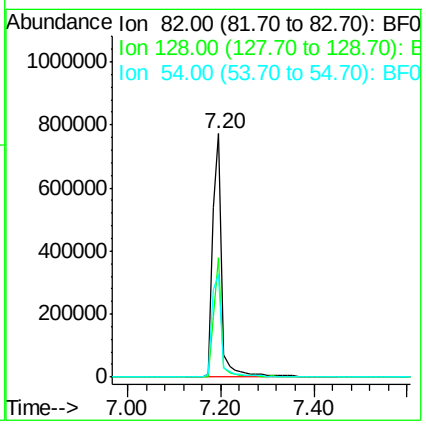


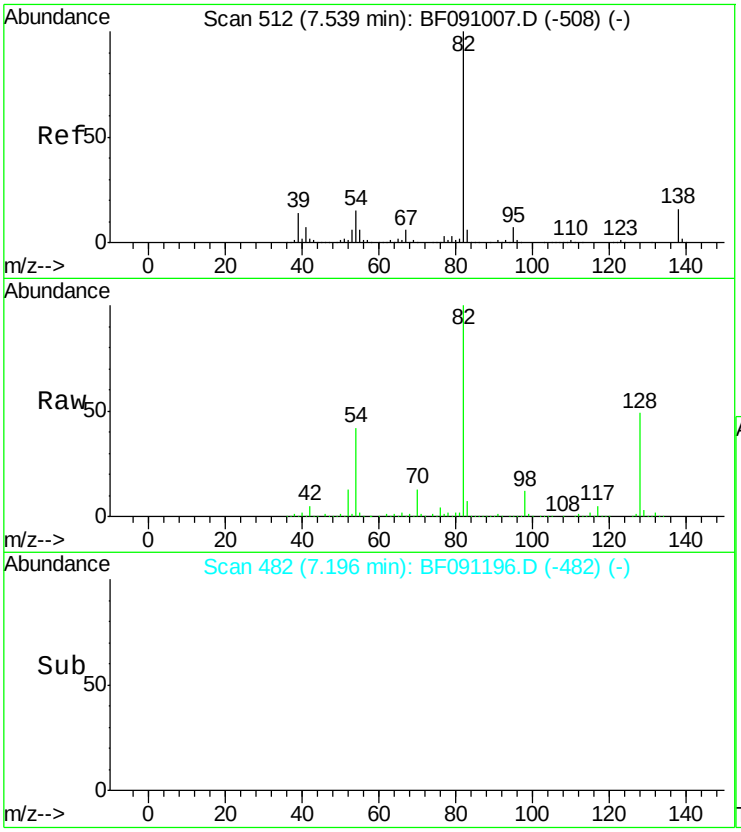


#23
Nitrobenzene-d5
Concen: 73.62 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.05 min
Lab File: BF091196.D
Acq: 16 Nov 2016 18:59

Tgt Ion: 82 Resp: 1068867

Ion	Ratio	Lower	Upper
82	100		
128	48.9	32.4	48.6#
54	42.3	39.2	58.8



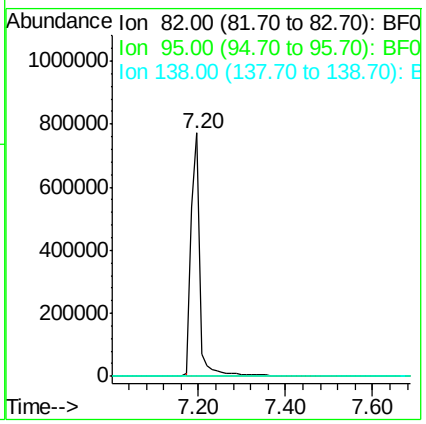


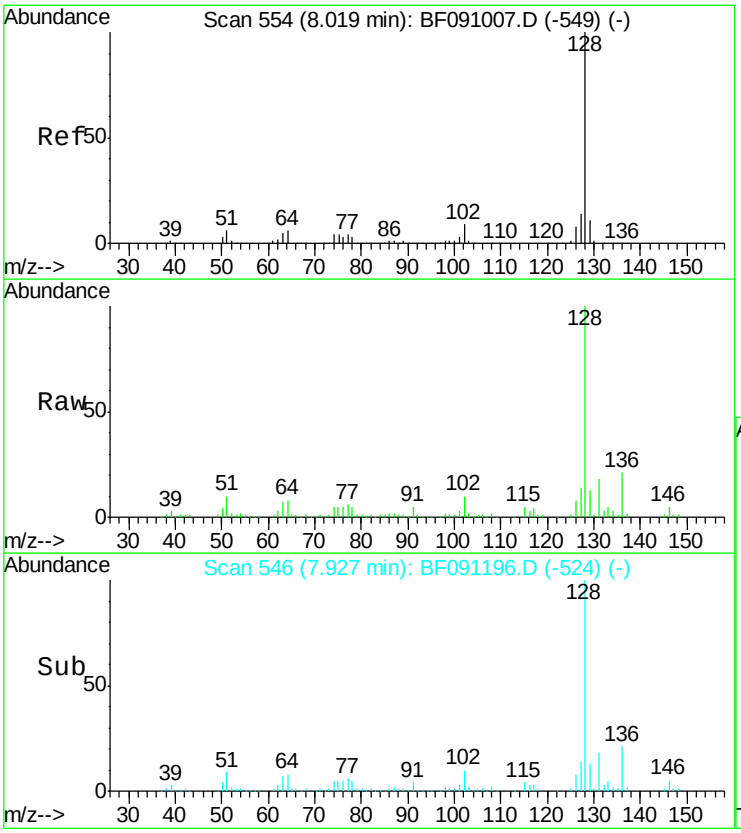
#25
Isophorone
Concen: 37.12 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.30 min
Lab File: BF091196.D
Acq: 16 Nov 2016 18:59

Instrument :
BNA_F
ClientSampleId :
C19013041

Tgt Ion: 82 Resp: 1038405

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

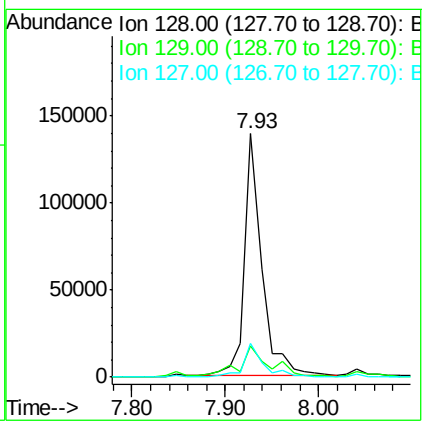


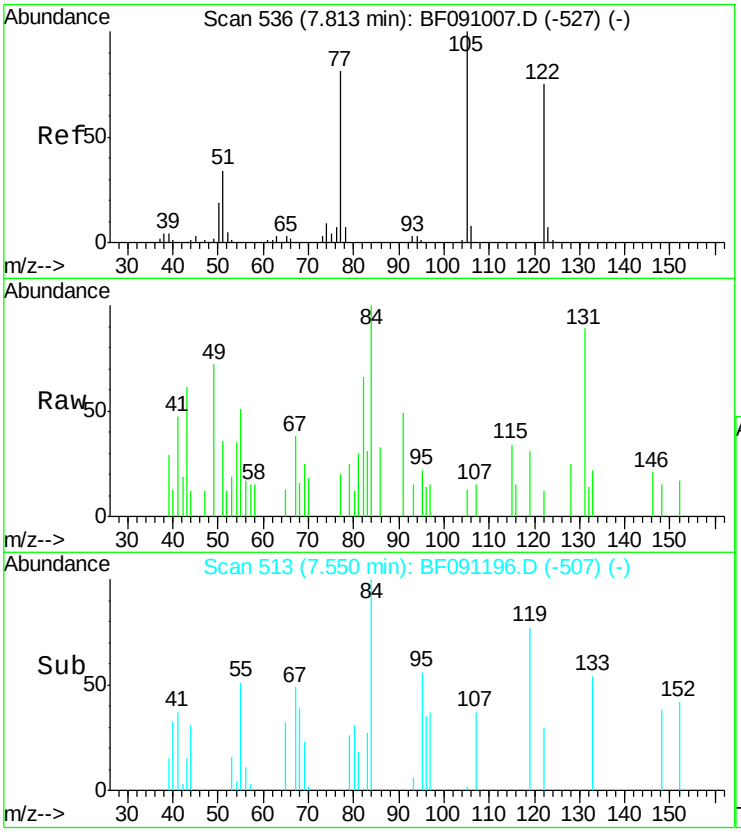


#31
Naphthalene
Concen: 4.78 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.05 min
Lab File: BF091196.D
Acq: 16 Nov 2016 18:59

Tgt Ion:128 Resp: 180960

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.0	13.6
127	13.7	10.9	16.3



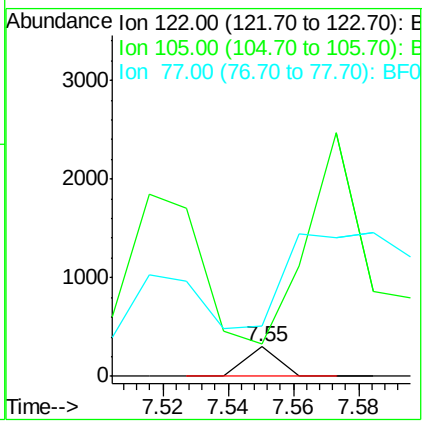


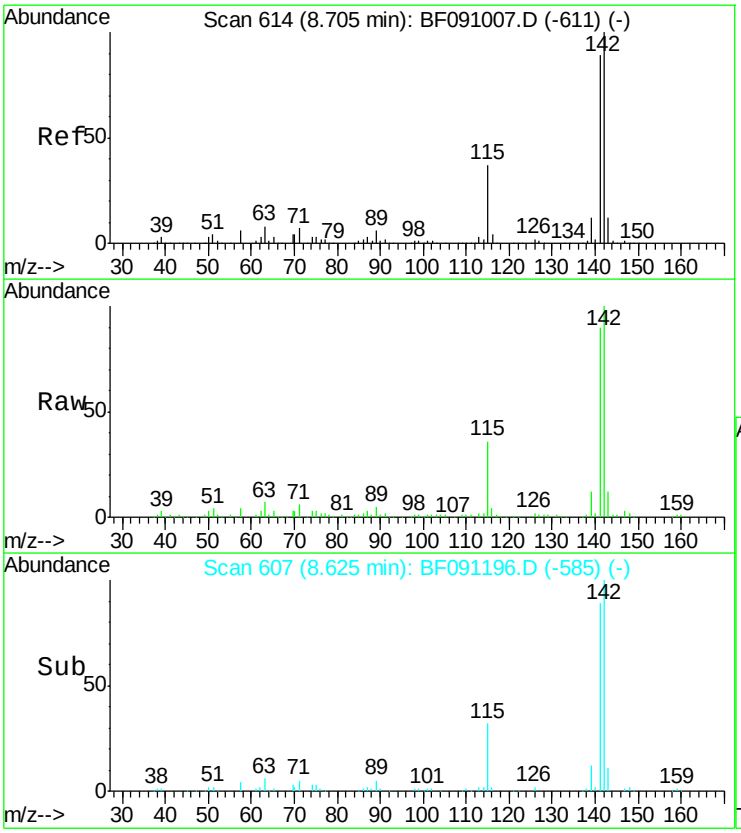
#32
Benzoic acid
Concen: 5.10 ng
RT: 7.55 min Scan# 513
Delta R.T. -0.23 min
Lab File: BF091196.D
Acq: 16 Nov 2016 18:59

Instrument :
BNA_F
ClientSampleId :
C19013041

Tgt Ion:122 Resp: 206

Ion	Ratio	Lower	Upper
122	100		
105	110.7	105.9	145.9
77	168.7	84.0	124.0#

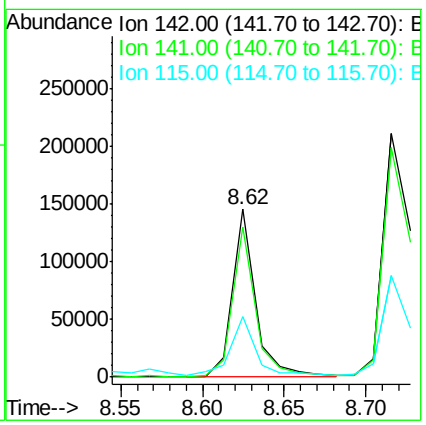


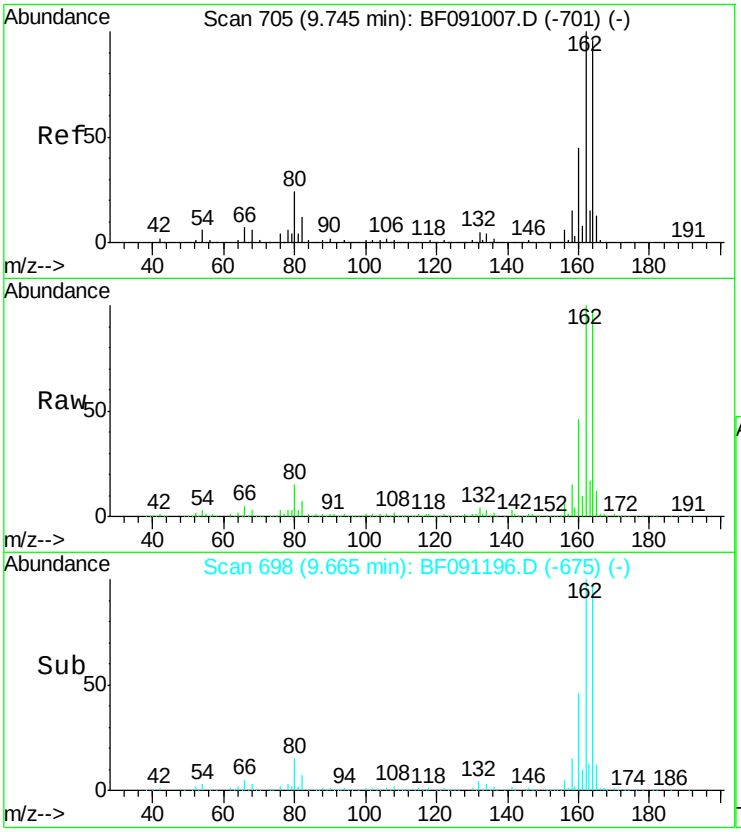


#37
2-Methylnaphthalene
Concen: 5.89 ng
RT: 8.62 min Scan# 607
Delta R.T. -0.05 min
Lab File: BF091196.D
Acq: 16 Nov 2016 18:59

Tgt Ion:142 Resp: 143454

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.3	106.9
115	36.2	29.9	44.9



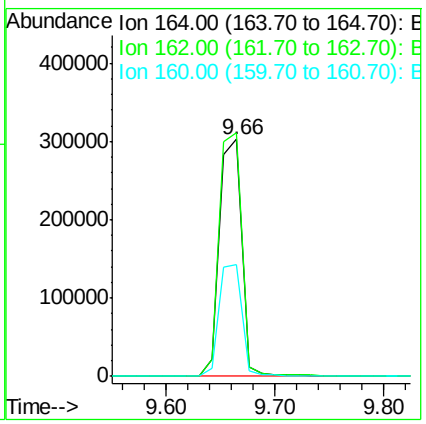


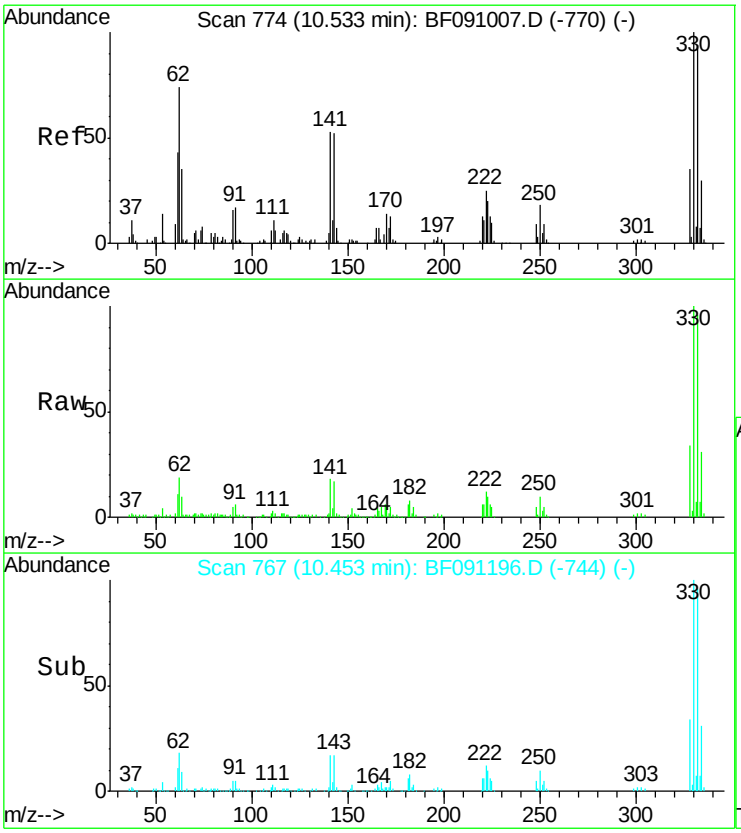
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 698
Delta R.T. -0.03 min
Lab File: BF091196.D
Acq: 16 Nov 2016 18:59

Instrument :
BNA_F
ClientSampleId :
C19013041

Tgt Ion:164 Resp: 433524

Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.6	125.4
160	47.2	37.9	56.9

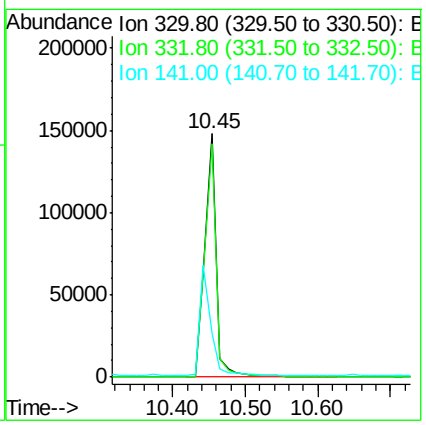


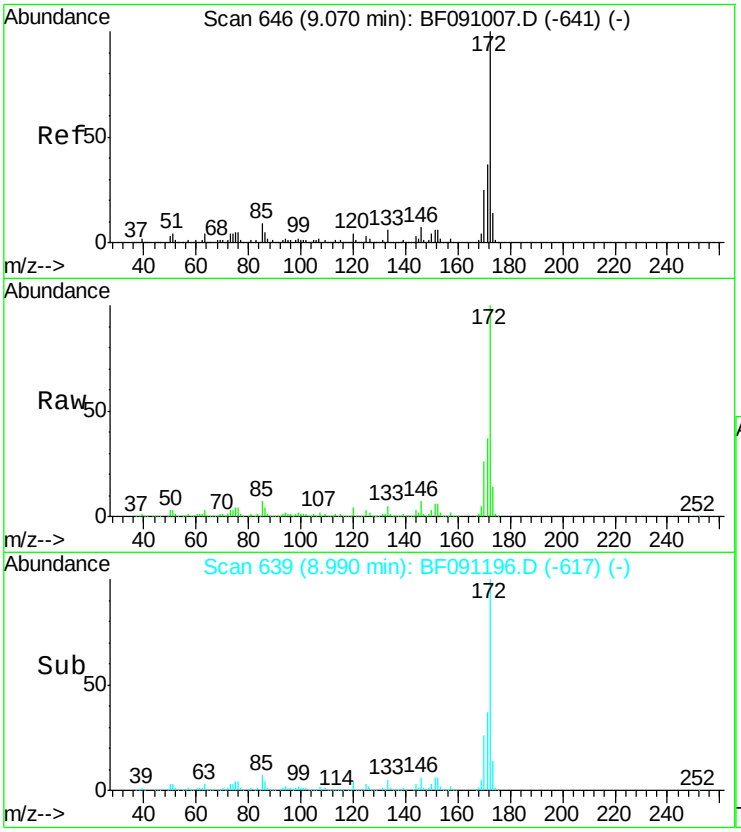


#41
2,4,6-Tribromophenol
Concen: 41.44 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.03 min
Lab File: BF091196.D
Acq: 16 Nov 2016 18:59

Tgt Ion:330 Resp: 162429

Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.9	113.9
141	43.6	36.1	54.1



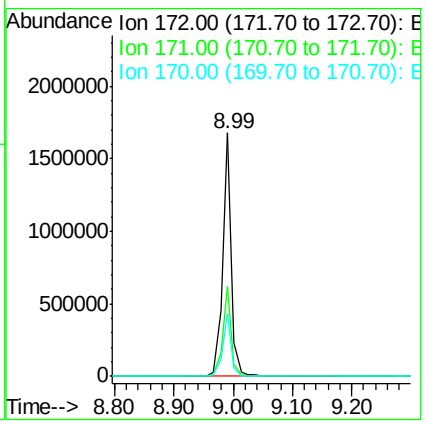


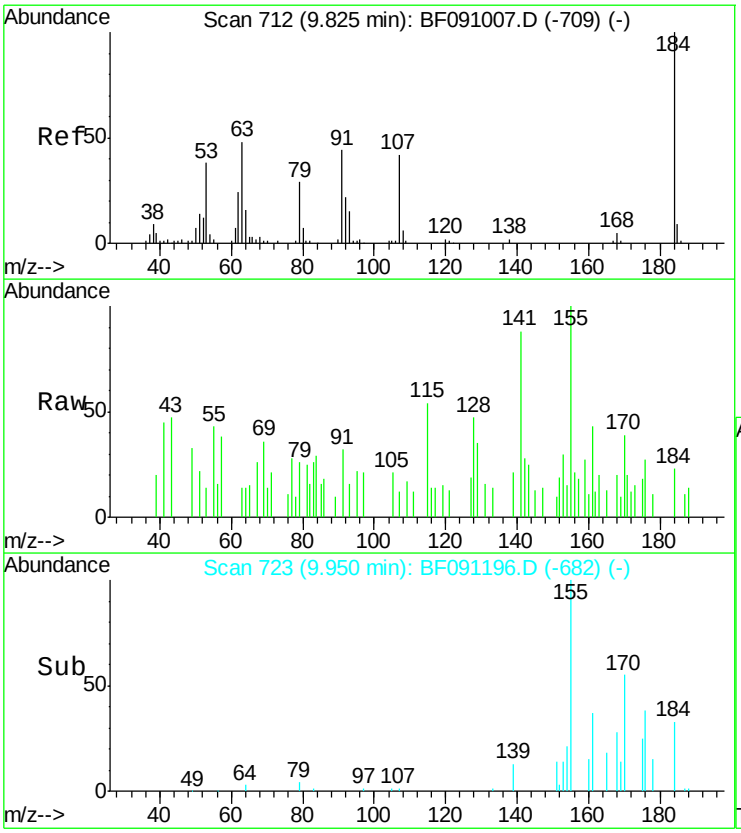
#44
2-Fluorobiphenyl
Concen: 67.73 ng
RT: 8.99 min Scan# 639
Delta R.T. -0.05 min
Lab File: BF091196.D
Acq: 16 Nov 2016 18:59

Instrument :
BNA_F
ClientSampleId :
C19013041

Tgt Ion:172 Resp: 1705391

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

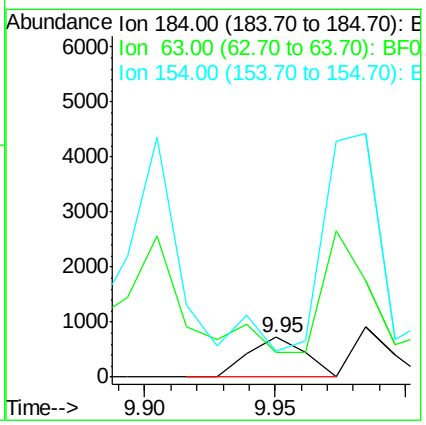


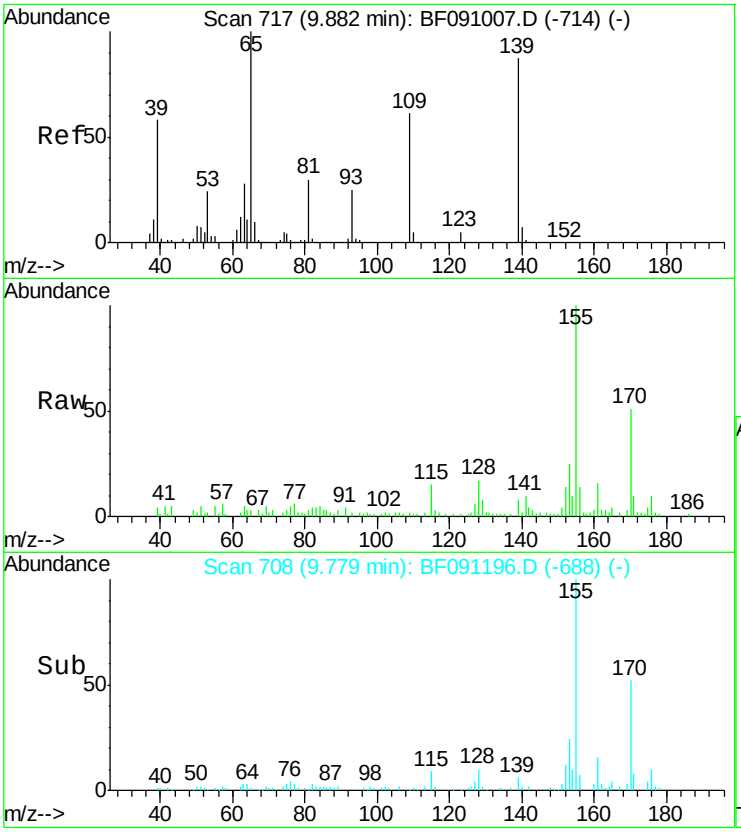


#53
2,4-Dinitrophenol
Concen: 6.56 ng
RT: 9.95 min Scan# 723
Delta R.T. 0.17 min
Lab File: BF091196.D
Acq: 16 Nov 2016 18:59

Tgt Ion:184 Resp: 1097

Ion	Ratio	Lower	Upper
184	100		
63	60.7	45.5	68.3
154	64.4	51.0	76.4



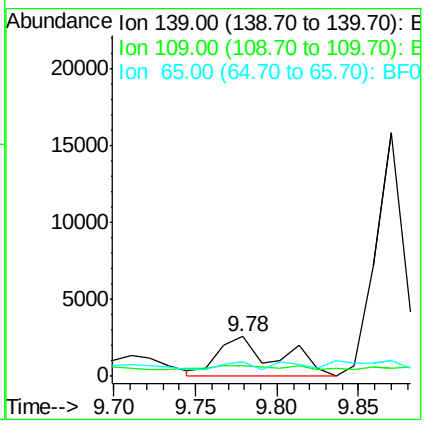


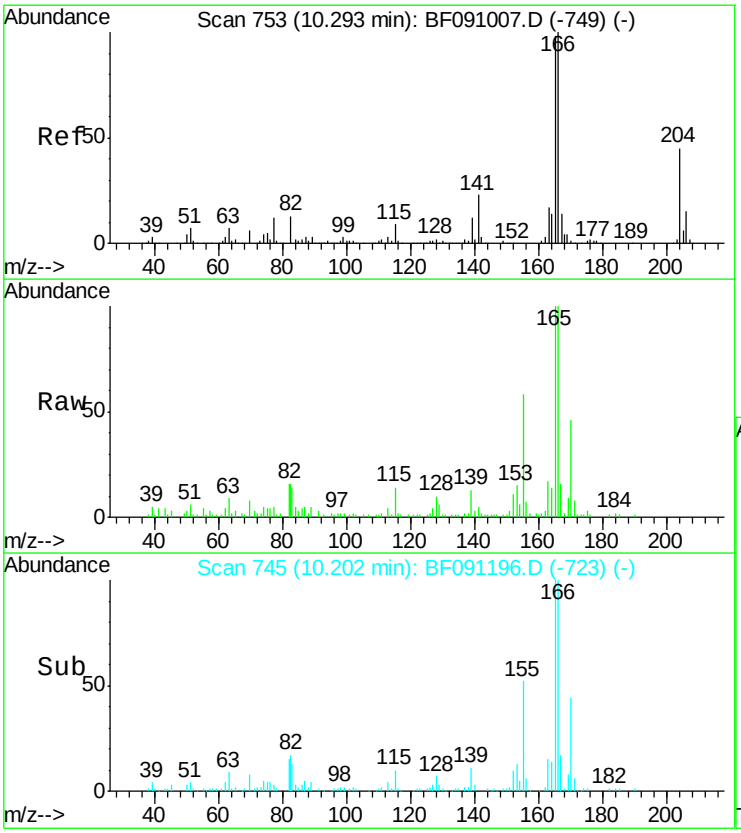
#55
4-Nitrophenol
Concen: 6.98 ng
RT: 9.78 min Scan# 708
Delta R.T. -0.07 min
Lab File: BF091196.D
Acq: 16 Nov 2016 18:59

Instrument :
BNA_F
ClientSampleId :
C19013041

Tgt Ion:139 Resp: 6491

Ion	Ratio	Lower	Upper
139	100		
109	25.6	50.5	90.5#
65	36.0	97.1	137.1#

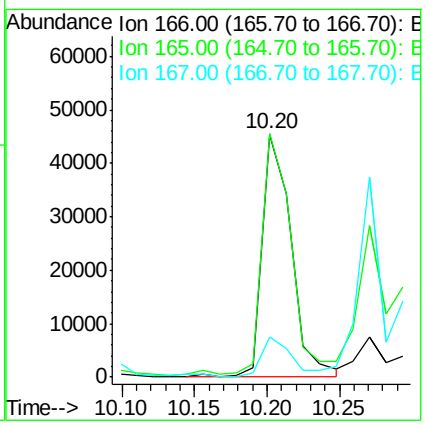


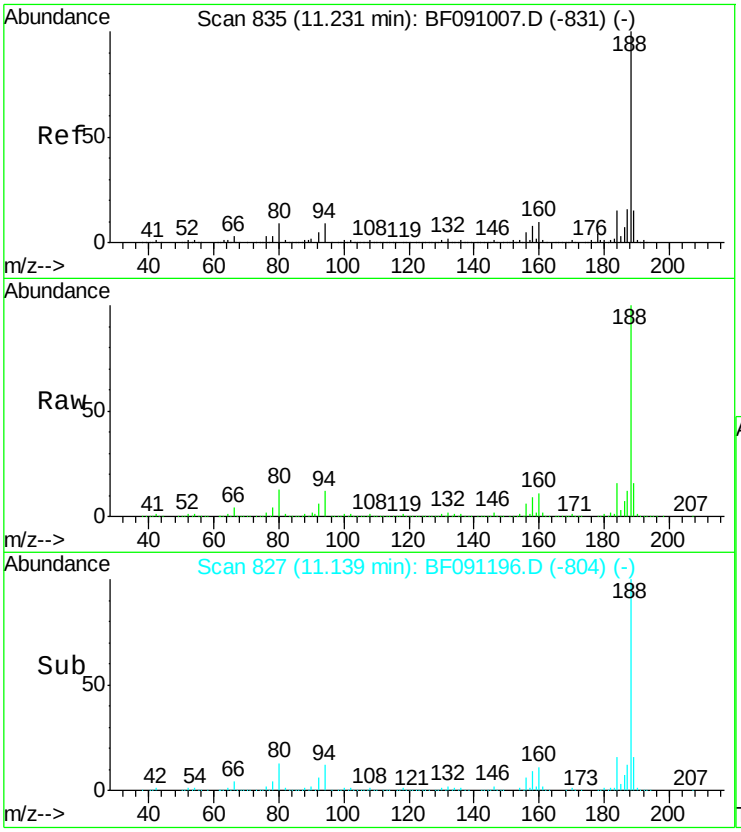


#57
Fluorene
Concen: 2.44 ng
RT: 10.20 min Scan# 745
Delta R.T. -0.05 min
Lab File: BF091196.D
Acq: 16 Nov 2016 18:59

Tgt Ion:166 Resp: 63223

Ion	Ratio	Lower	Upper
166	100		
165	100.4	78.6	118.0
167	16.5	11.1	16.7



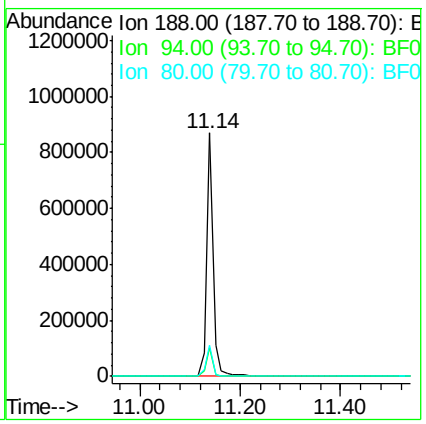


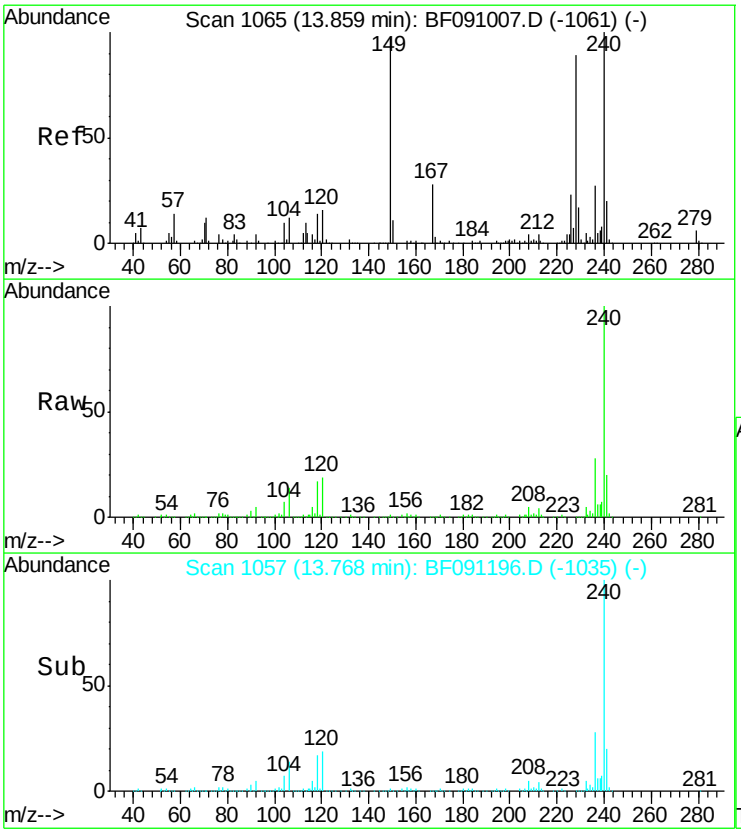
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF091196.D
Acq: 16 Nov 2016 18:59

Instrument :
BNA_F
ClientSampleId :
C19013041

Tgt Ion:188 Resp: 773941

Ion	Ratio	Lower	Upper
188	100		
94	11.6	7.0	10.4#
80	12.6	7.5	11.3#

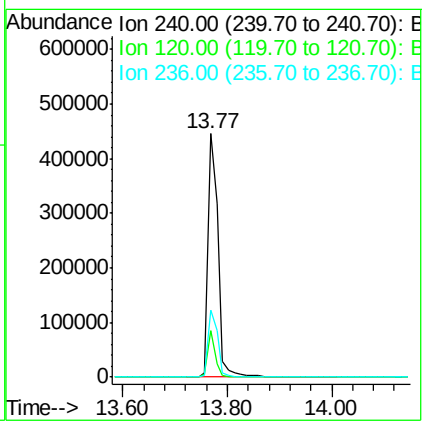


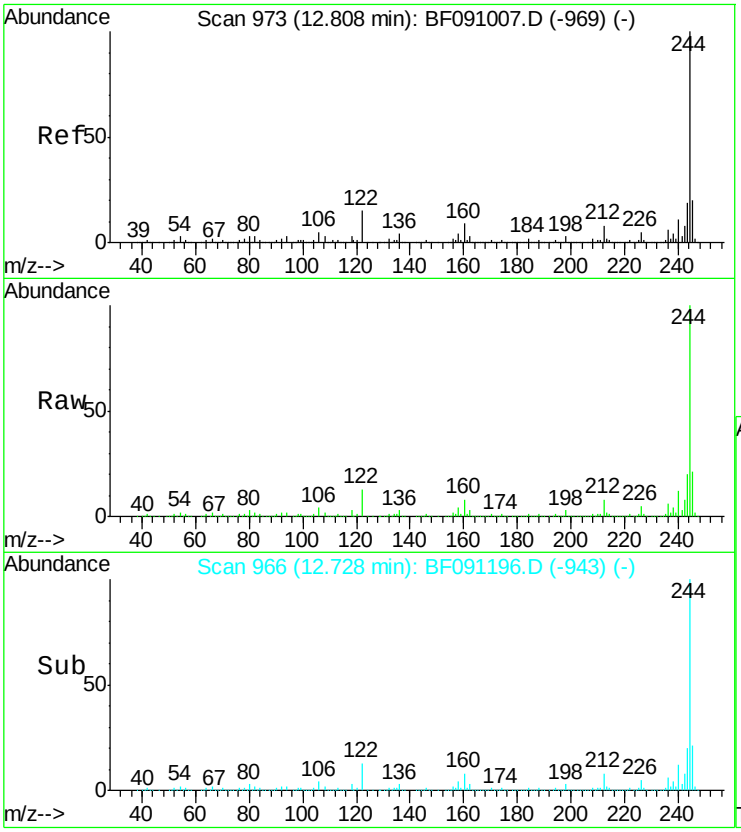


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1057
Delta R.T. -0.05 min
Lab File: BF091196.D
Acq: 16 Nov 2016 18:59

Tgt Ion:240 Resp: 580586

Ion	Ratio	Lower	Upper
240	100		
120	19.2	12.9	19.3
236	27.8	21.9	32.9



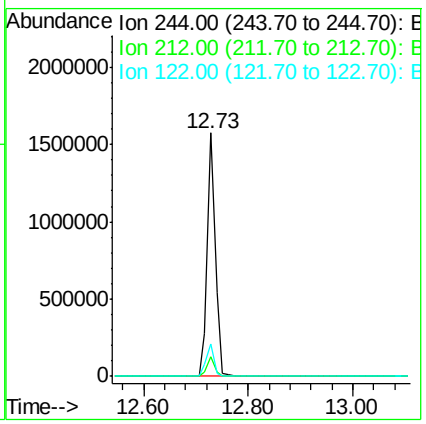


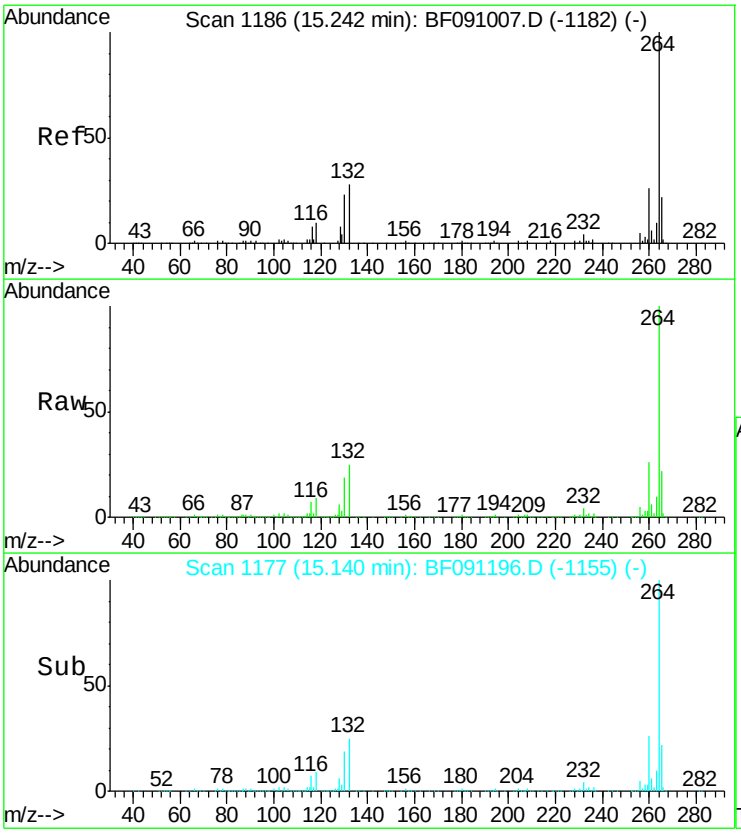
#78
Terphenyl-d14
Concen: 72.80 ng
RT: 12.73 min Scan# 966
Delta R.T. -0.03 min
Lab File: BF091196.D
Acq: 16 Nov 2016 18:59

Instrument :
BNA_F
ClientSampleId :
C19013041

Tgt Ion:244 Resp: 1693737

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	13.3	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: BF091196.D
Acq: 16 Nov 2016 18:59

Tgt Ion:264 Resp: 458782

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.6	30.8
265	22.1	17.8	26.8