Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
Data File : BF091878.D
Acq On : 22 Dec 2016 11:39
Operator : UM/SJ
Sample : H6156-21
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

Quant Time: Dec 23 00:32:43 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	283943	20.00	ng		-0.01
21) Naphthalene-d8	8.03	136	1114834	20.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	588202	20.00	ng		-0.01
63) Phenanthrene-d10	11.26	188	1047004	20.00	ng		0.00
75) Chrysene-d12	13.89	240	757140	20.00	ng		-0.01
86) Perylene-d12	15.29	264	578267	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1215882	71.50	ng		0.01
7) Phenol-d6	6.40	99	982174	47.31	ng		-0.01
23) Nitrobenzene-d5	7.31	82	1928879	96.21	ng		-0.01
41) 2,4,6-Tribromophenol	10.58	330	710426	145.94	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	3172468	115.07	ng		0.00
78) Terphenyl-d14	12.85	244	2389119	76.53	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.52	77	45914	2.73	ng	#	81
19) n-Nitroso-di-n-propylamine	7.31	70	251488	18.21	ng	#	77
25) Isophorone	7.31	82	1539494	41.62	ng	#	65
37) 2-Methylnaphthalene	8.75	142	548	Below Cal		#	78
50) 2,6-Dinitrotoluene	9.78	165	78537	9.54	ng	#	30
56) 2,4-Dinitrotoluene	9.78	165	78540	7.60	ng	#	19
66) 4-Bromophenyl-phenylether	10.58	248	44718	4.11	ng	#	1
71) Anthracene	11.26	178	824	Below Cal		#	1
73) Di-n-butylphthalate	11.84	149	2732	Below Cal		#	76
74) Fluoranthene	12.48	202	270	Below Cal			61
76) Benzidine	12.61	184	1003	Below Cal		#	65

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
Data File : BF091878.D
Acq On : 22 Dec 2016 11:39
Operator : UM/SJ
Sample : H6156-21
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-17

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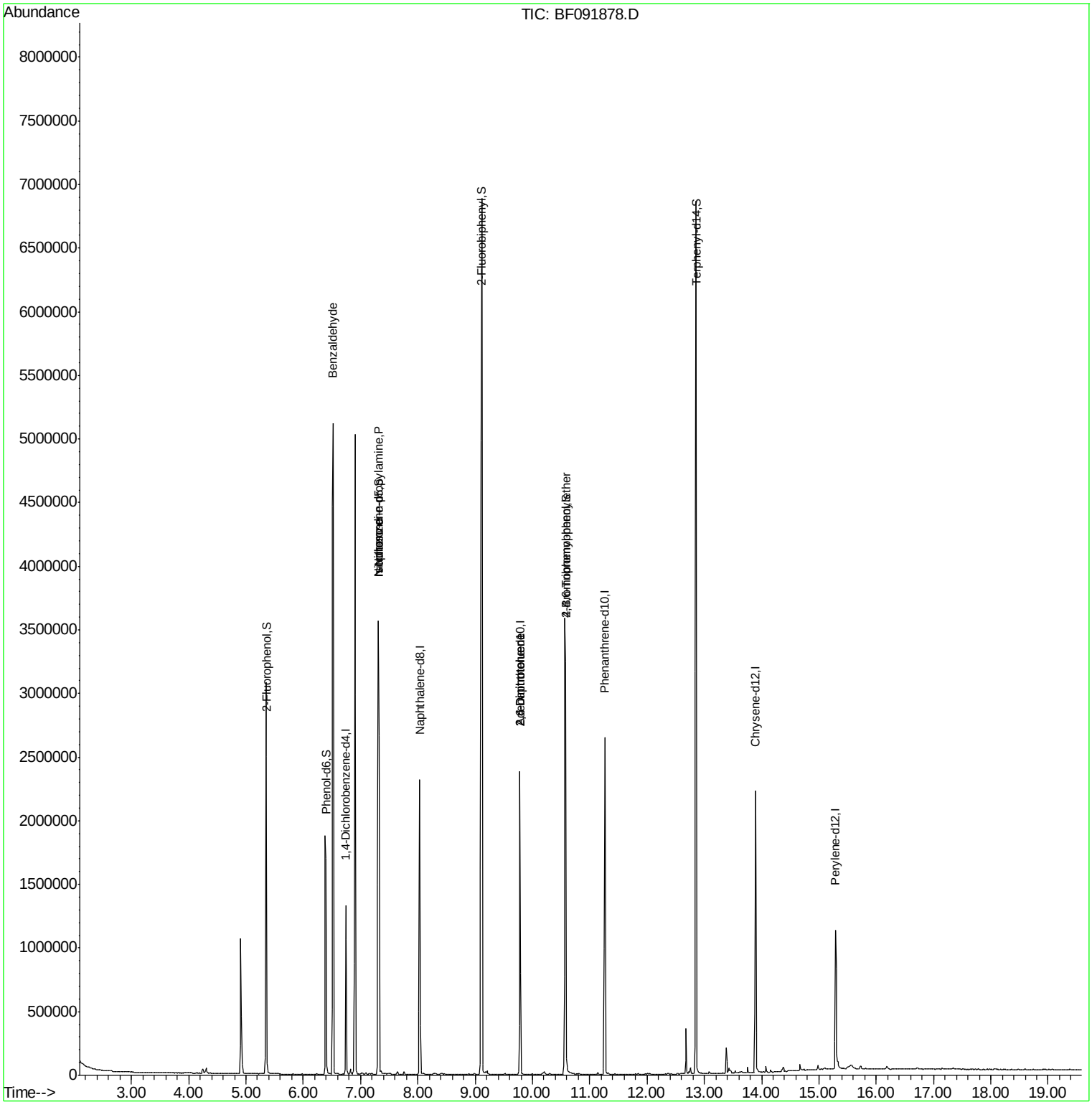
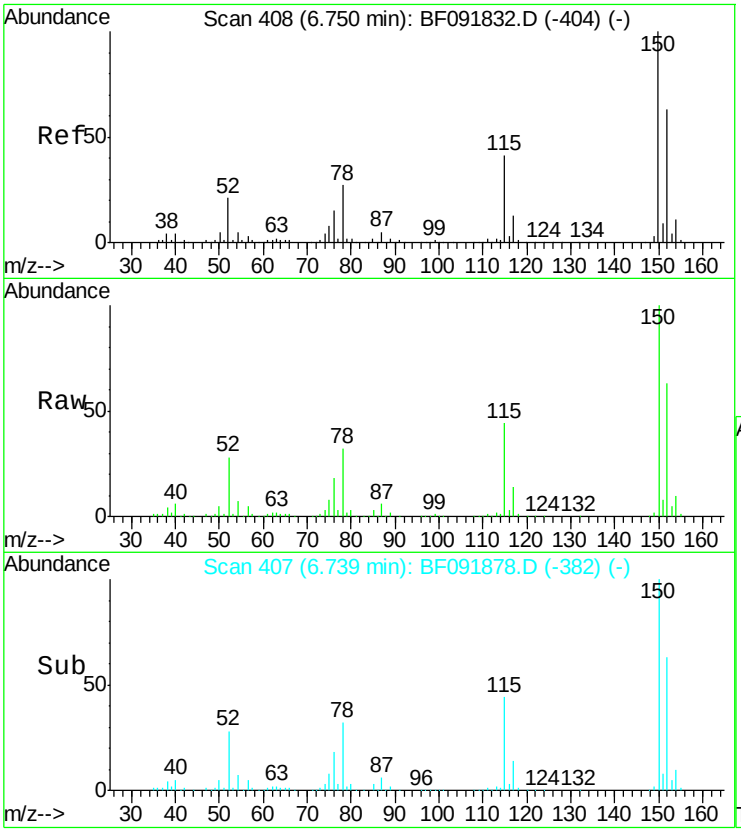
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration



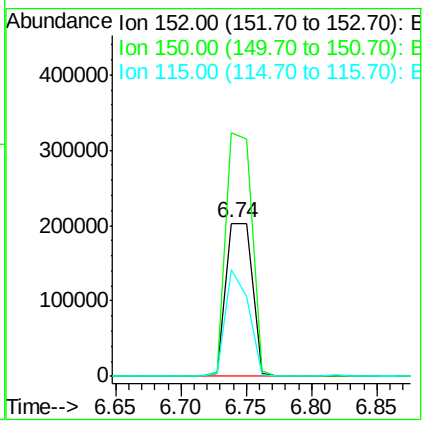


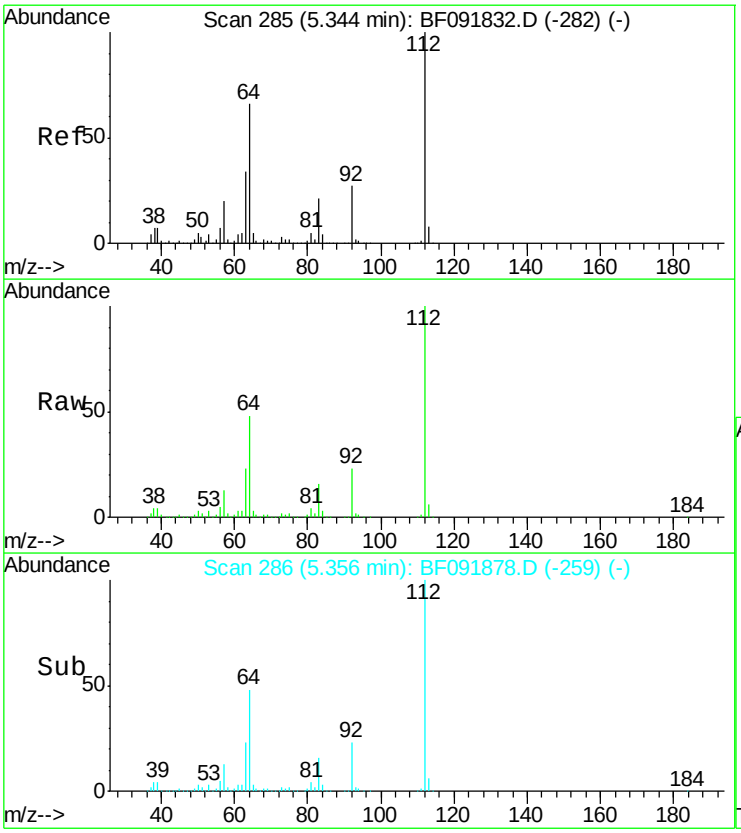
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF091878.D
Acq: 22 Dec 2016 11:39

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:152 Resp: 283943

Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.9	187.3
115	69.5	46.0	69.0#

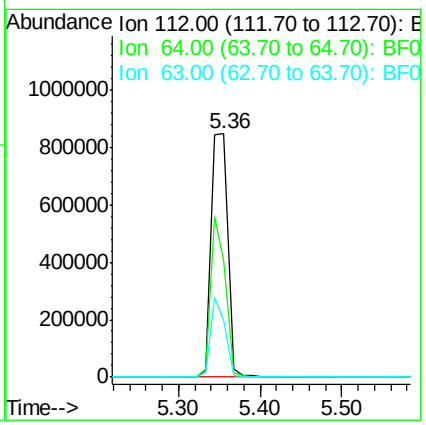


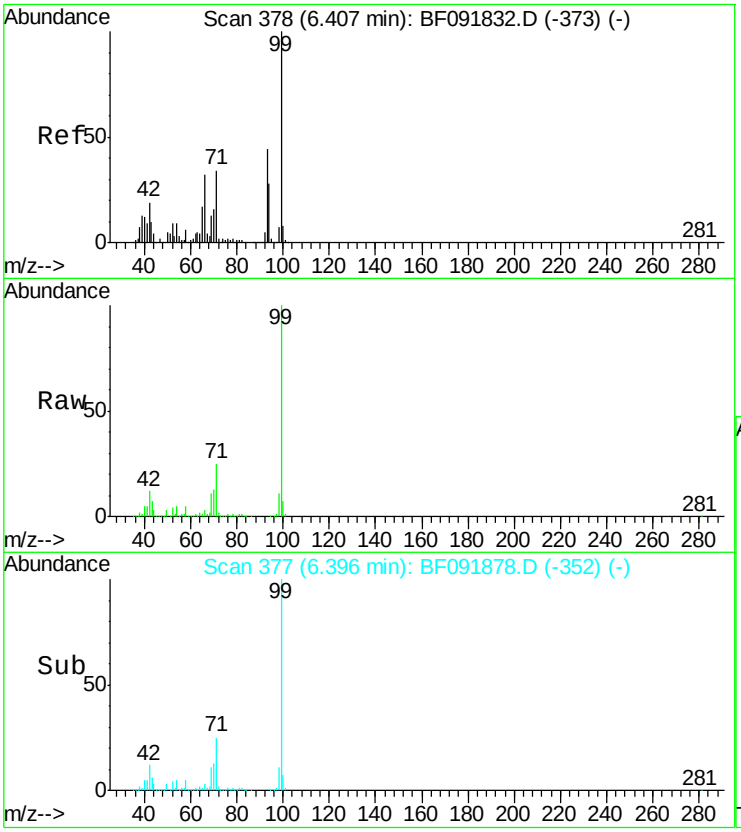


#5
2-Fluorophenol
Concen: 71.50 ng
RT: 5.36 min Scan# 286
Delta R.T. 0.01 min
Lab File: BF091878.D
Acq: 22 Dec 2016 11:39

Tgt Ion:112 Resp: 1215882

Ion	Ratio	Lower	Upper
112	100		
64	48.1	46.1	69.1
63	23.4	23.8	35.6#



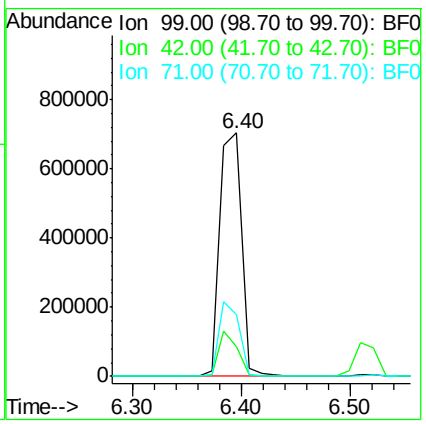


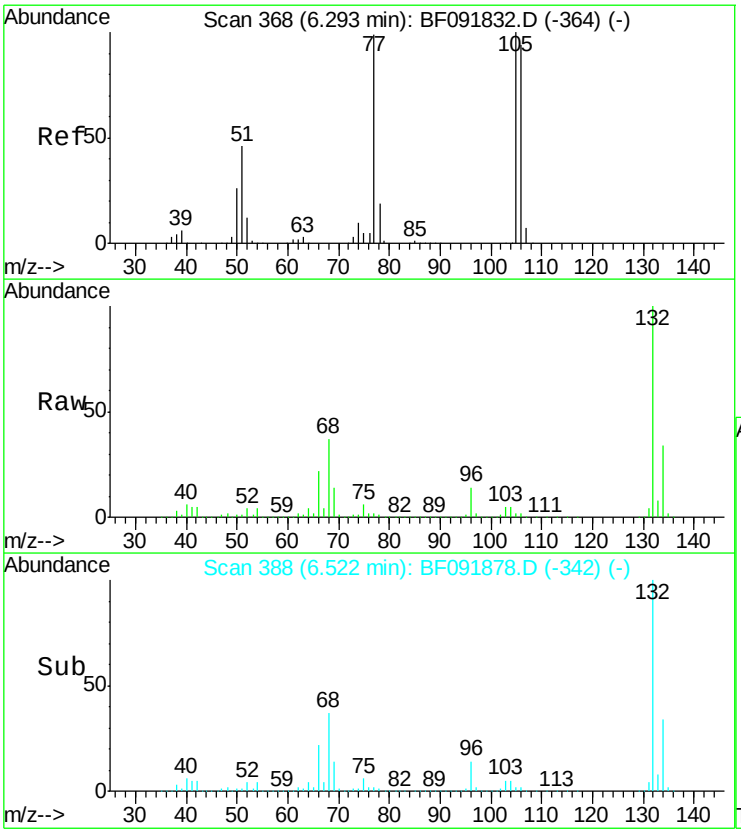
#7
Phenol-d6
Concen: 47.31 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.01 min
Lab File: BF091878.D
Acq: 22 Dec 2016 11:39

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion: 99 Resp: 982174

Ion	Ratio	Lower	Upper
99	100		
42	12.3	15.6	23.4#
71	25.4	27.5	41.3#

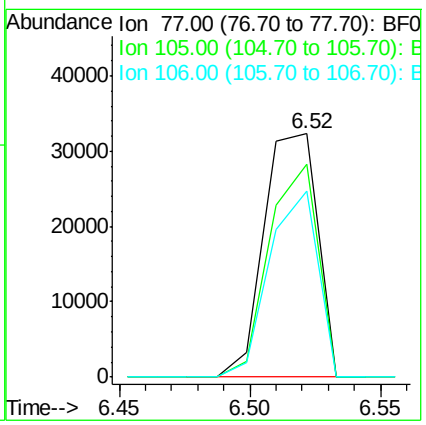


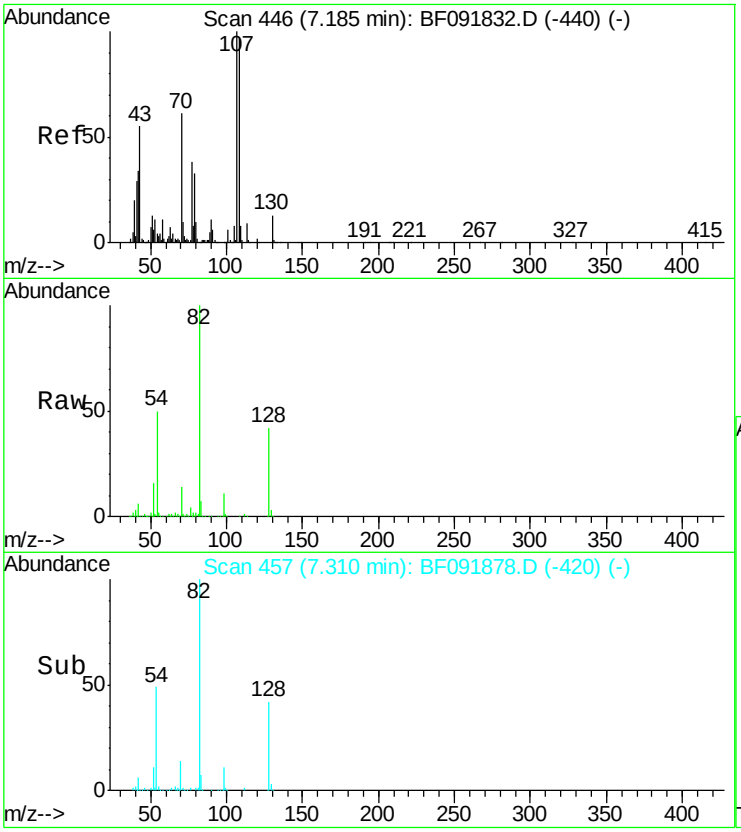


#9
Benzaldehyde
Concen: 2.73 ng
RT: 6.52 min Scan# 388
Delta R.T. 0.23 min
Lab File: BF091878.D
Acq: 22 Dec 2016 11:39

Tgt Ion: 77 Resp: 45914

Ion	Ratio	Lower	Upper
77	100		
105	87.6	83.9	123.9
106	76.5	77.6	117.6#



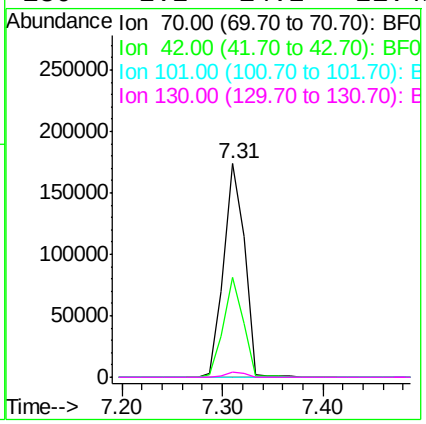


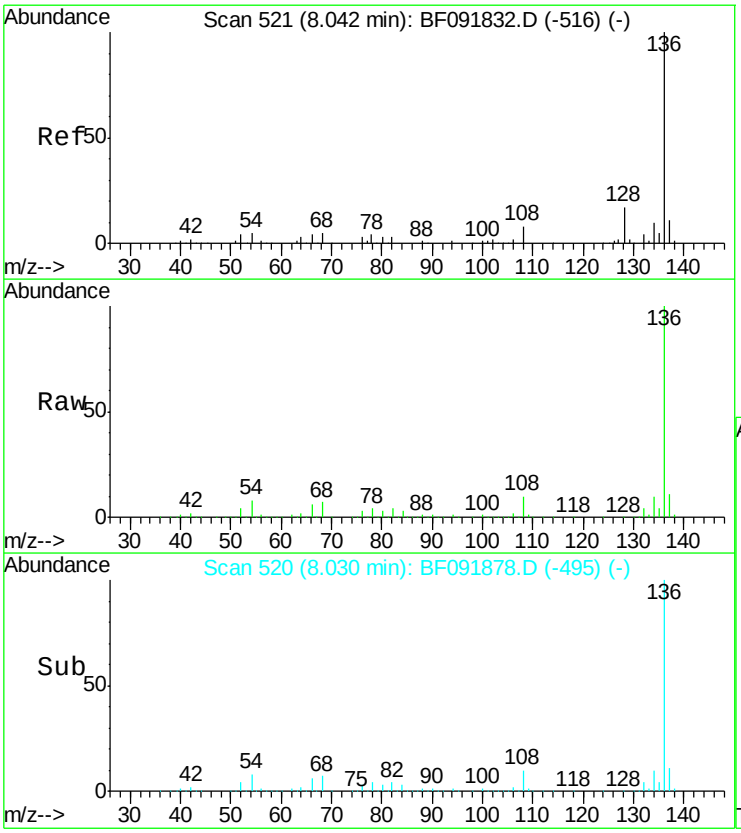
#19
n-Nitroso-di-n-propylamine
Concen: 18.21 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.13 min
Lab File: BF091878.D
Acq: 22 Dec 2016 11:39

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion: 70 Resp: 251488

Ion	Ratio	Lower	Upper
70	100		
42	46.9	49.4	74.0#
101	0.0	7.4	11.2#
130	2.2	14.2	21.4#

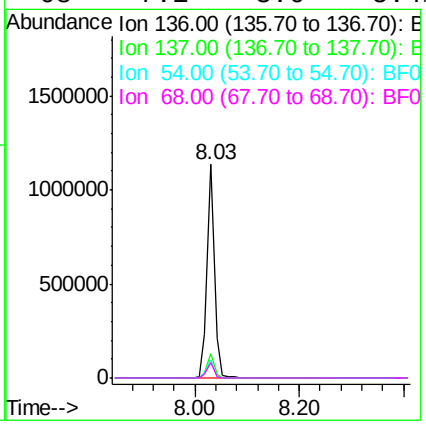


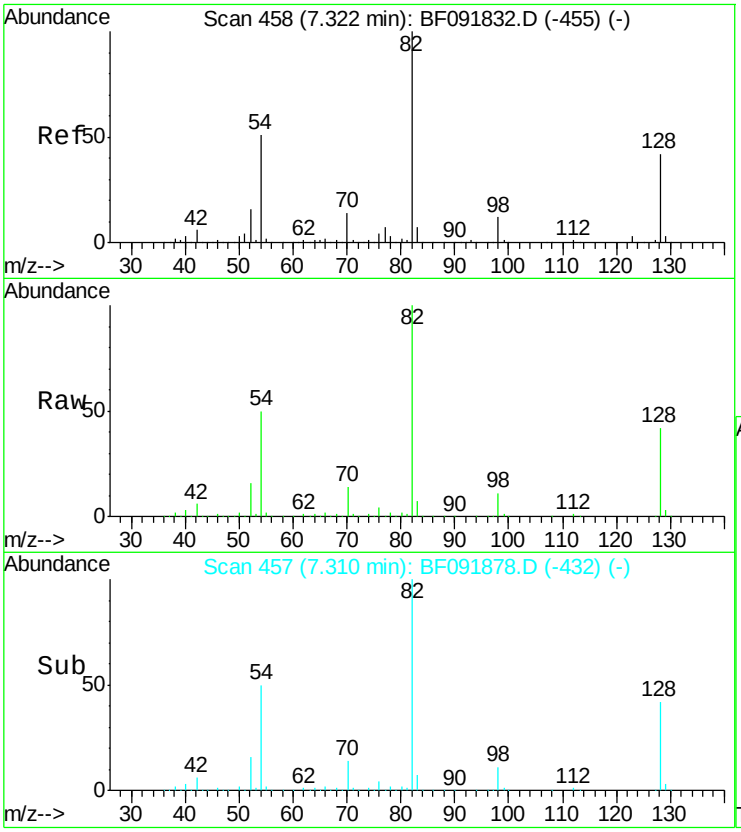


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091878.D
Acq: 22 Dec 2016 11:39

Tgt Ion:136 Resp: 1114834

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	8.5	4.5	6.7#
68	7.1	3.6	5.4#



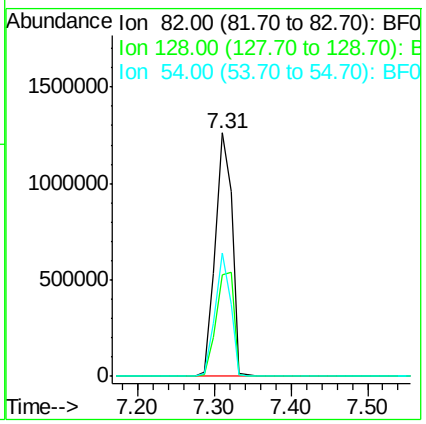


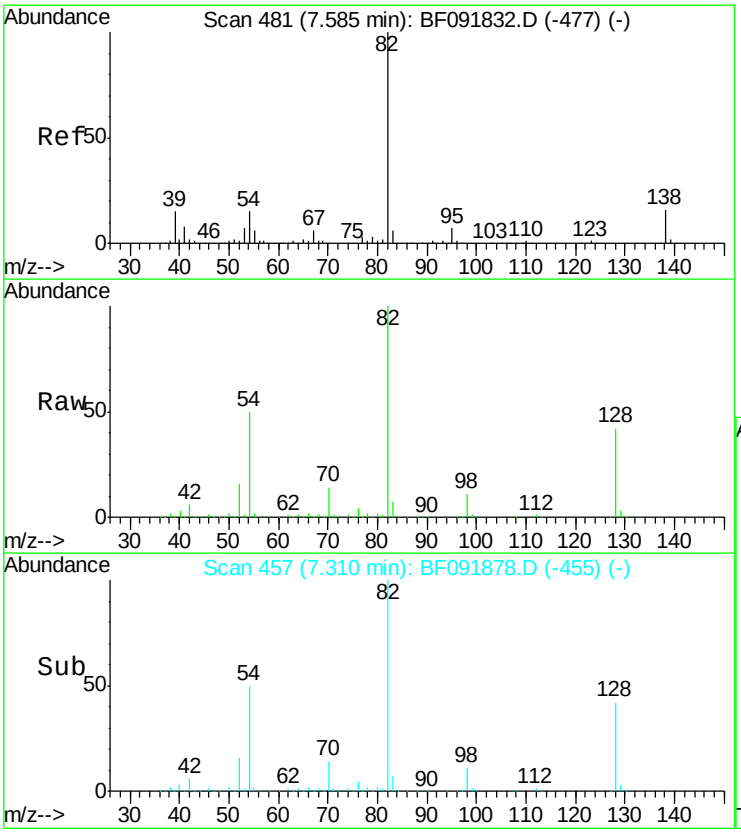
#23
Nitrobenzene-d5
Concen: 96.21 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF091878.D
Acq: 22 Dec 2016 11:39

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion: 82 Resp: 1928879

Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	52.0
54	50.5	39.5	59.3

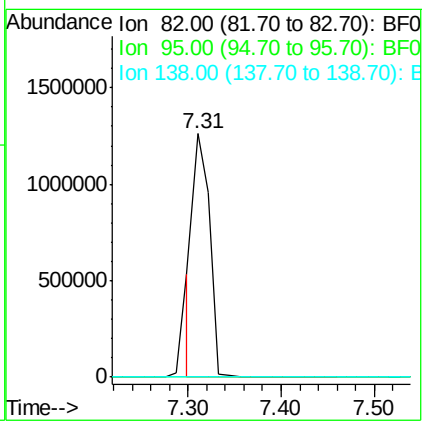


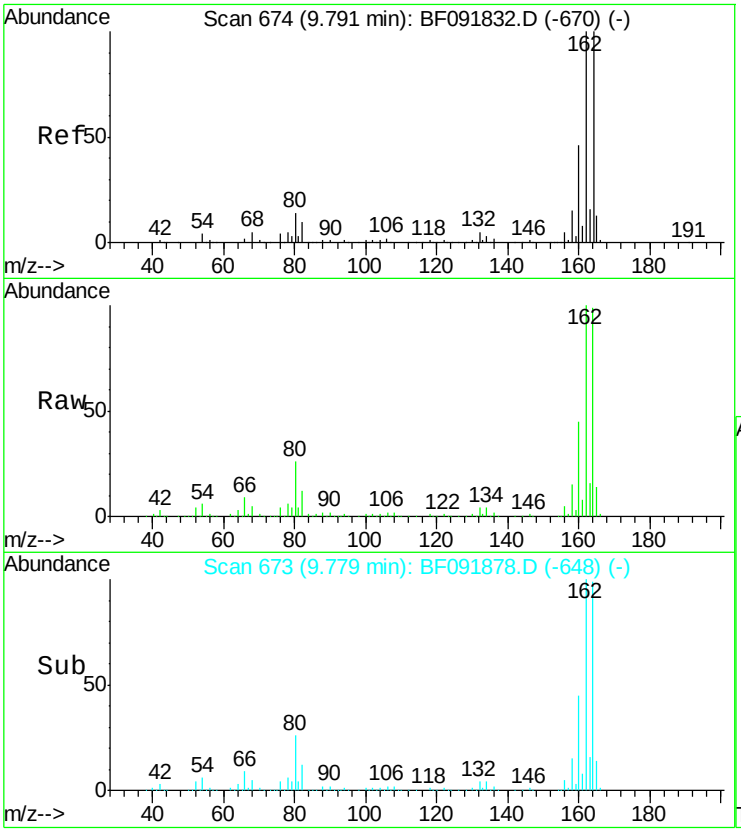


#25
Isophorone
Concen: 41.62 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.27 min
Lab File: BF091878.D
Acq: 22 Dec 2016 11:39

Tgt Ion: 82 Resp: 1539494

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#



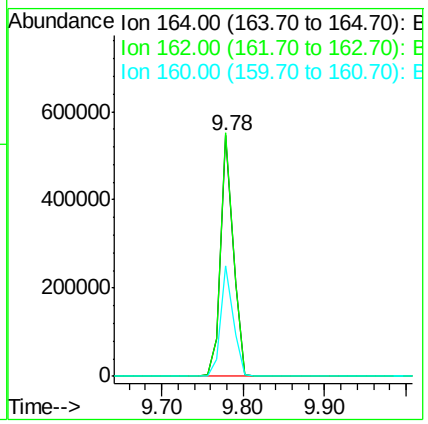


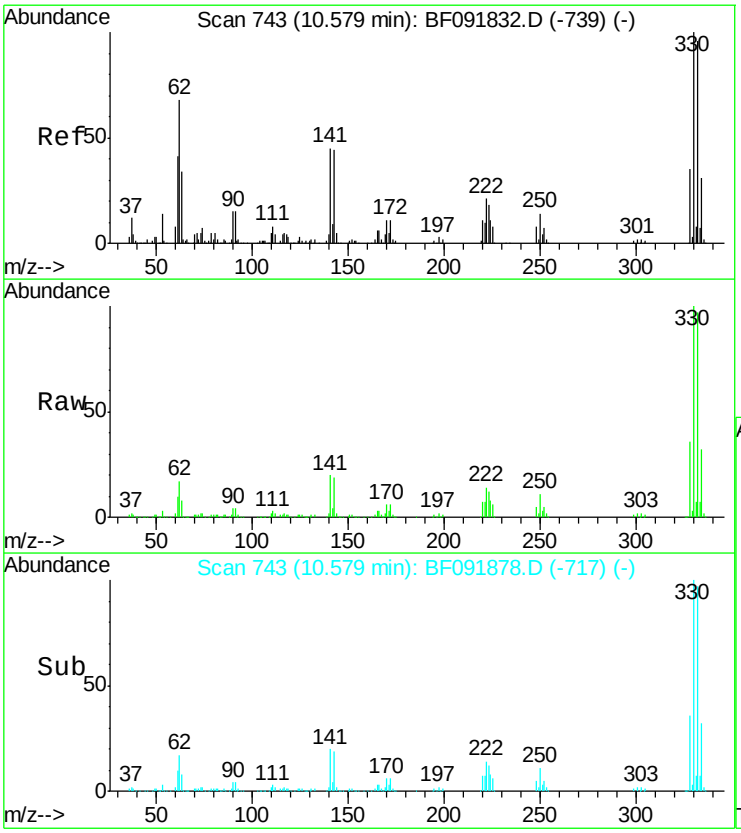
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF091878.D
Acq: 22 Dec 2016 11:39

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:164 Resp: 588202

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.2	120.2
160	45.7	36.9	55.3

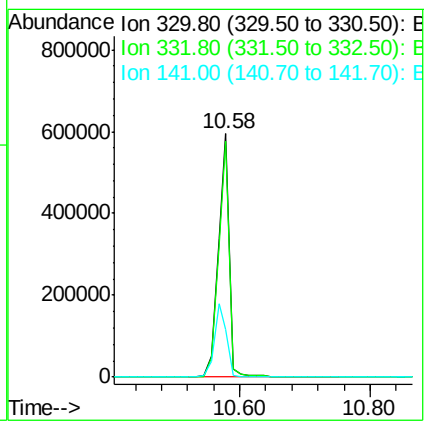


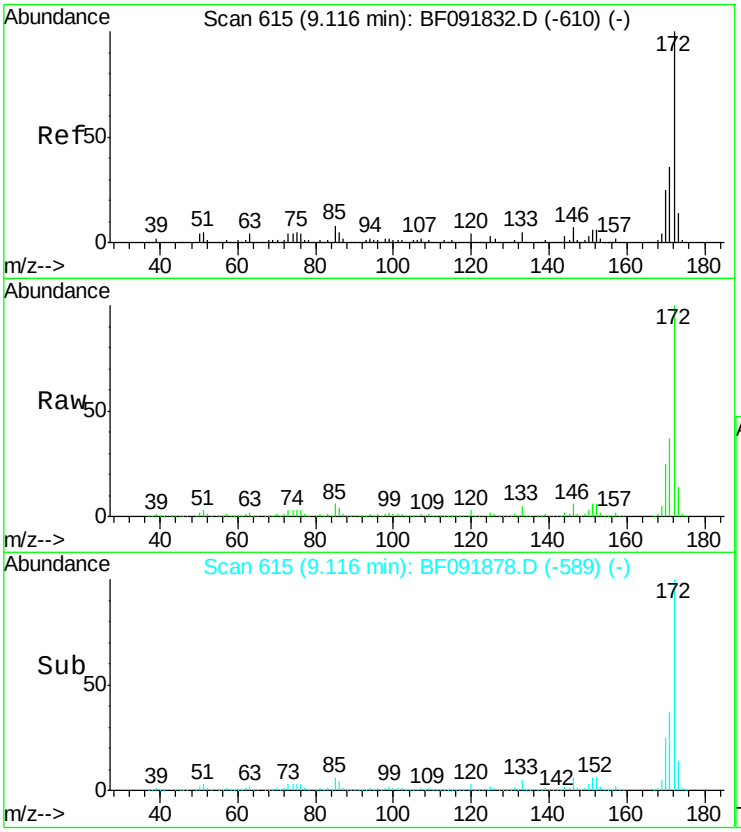


#41
2,4,6-Tribromophenol
Concen: 145.94 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF091878.D
Acq: 22 Dec 2016 11:39

Tgt Ion:330 Resp: 710426

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.2
141	33.9	34.1	51.1#



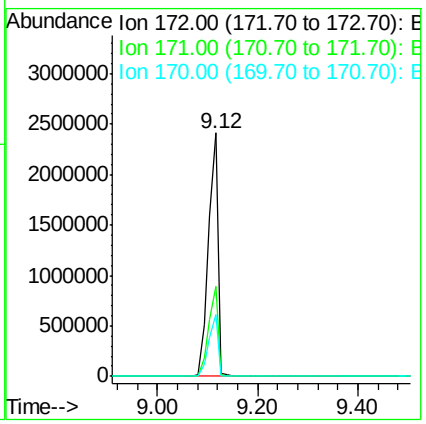


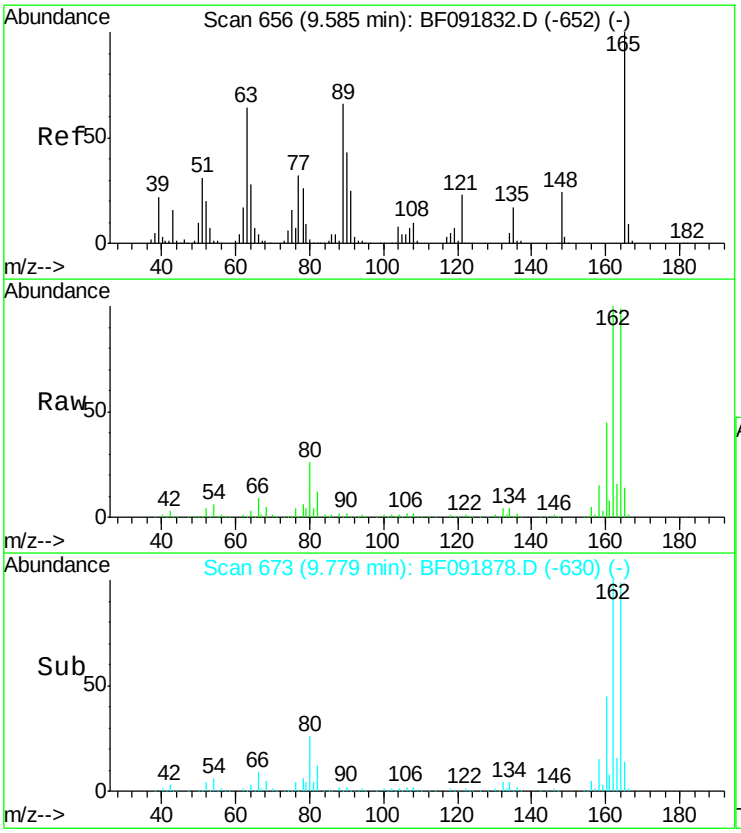
#44
2-Fluorobiphenyl
Concen: 115.07 ng
RT: 9.12 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF091878.D
Acq: 22 Dec 2016 11:39

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:172 Resp: 3172468

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	25.3	20.2	30.4

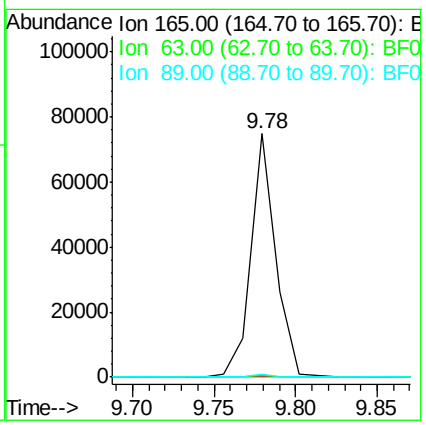


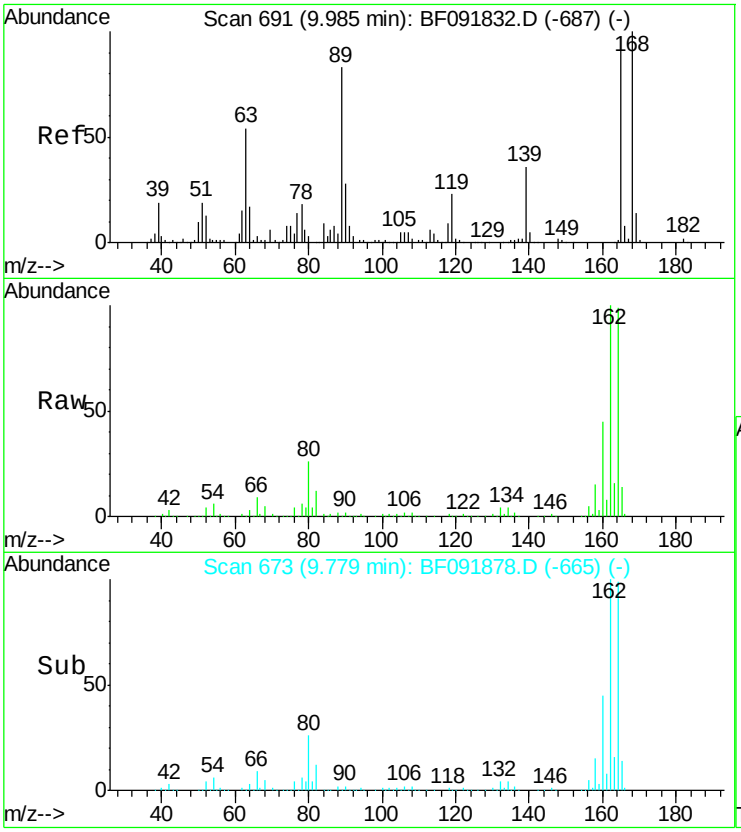


#50
2,6-Dinitrotoluene
Concen: 9.54 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.19 min
Lab File: BF091878.D
Acq: 22 Dec 2016 11:39

Tgt Ion:165 Resp: 78537

Ion	Ratio	Lower	Upper
165	100		
63	0.8	36.2	54.4#
89	1.0	40.2	60.4#



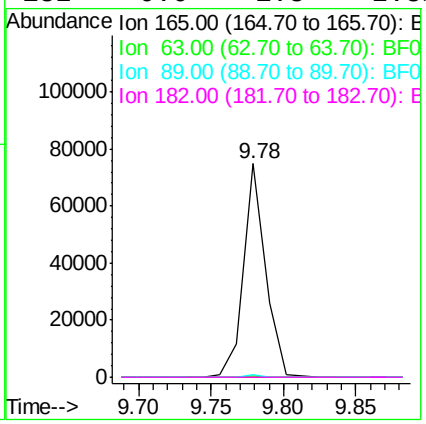


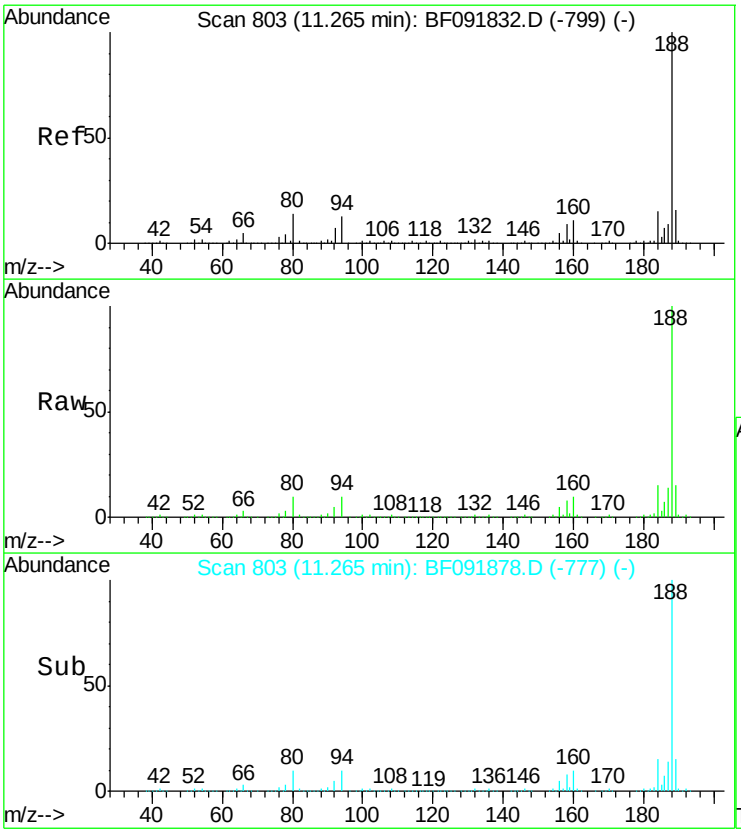
#56
2,4-Dinitrotoluene
Concen: 7.60 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.21 min
Lab File: BF091878.D
Acq: 22 Dec 2016 11:39

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:165 Resp: 78540

Ion	Ratio	Lower	Upper
165	100		
63	0.8	40.2	60.4#
89	1.0	62.5	93.7#
182	0.0	1.8	2.8#

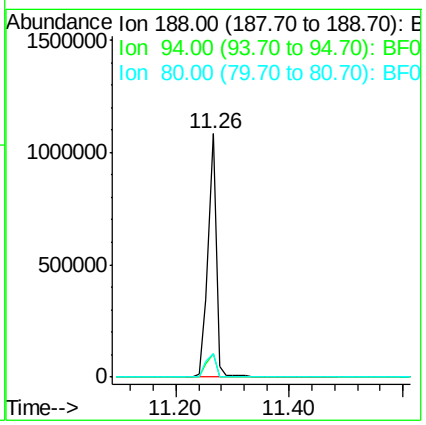


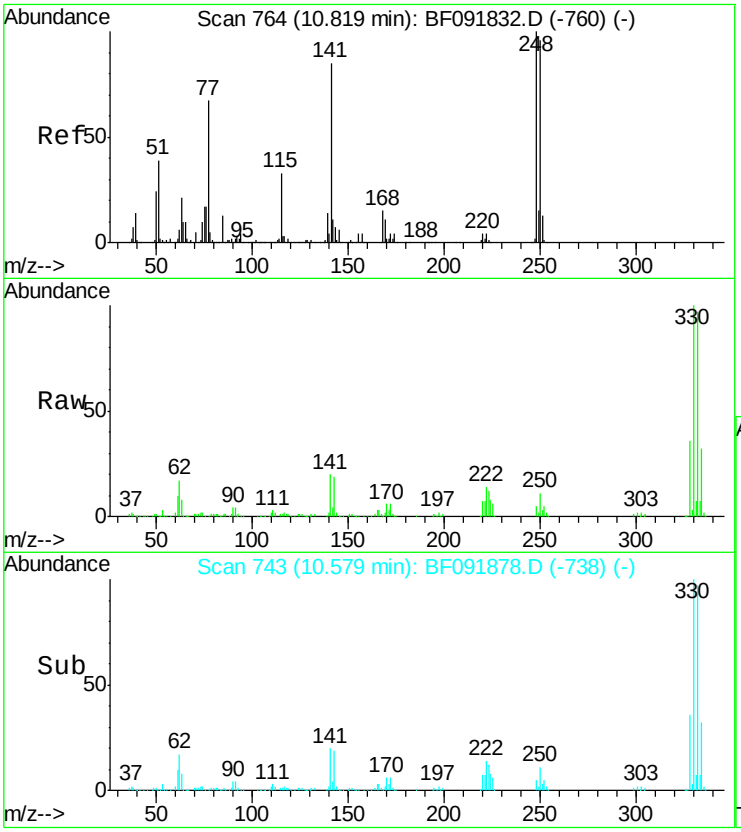


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF091878.D
Acq: 22 Dec 2016 11:39

Tgt Ion:188 Resp: 1047004

Ion	Ratio	Lower	Upper
188	100		
94	9.7	10.0	15.0#
80	9.8	11.2	16.8#



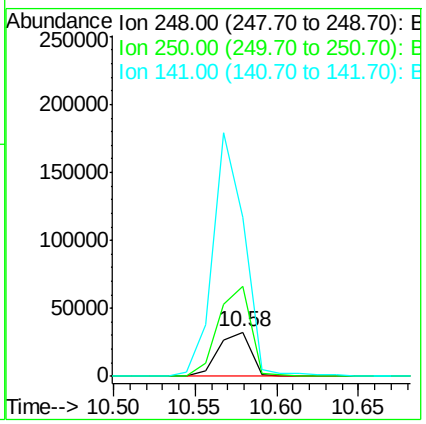


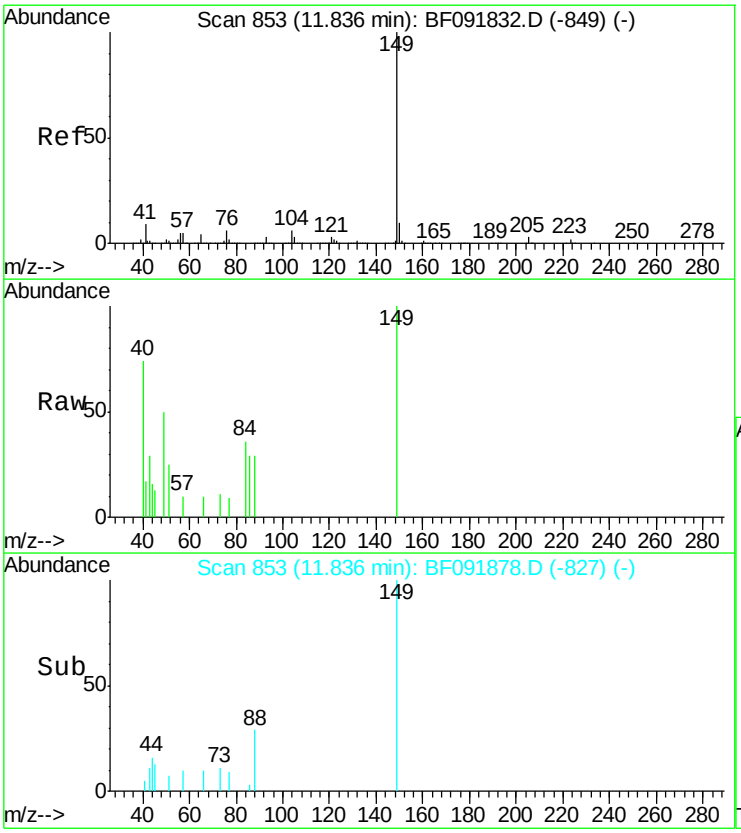
#66
4-Bromophenyl-phenylether
Concen: 4.11 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.24 min
Lab File: BF091878.D
Acq: 22 Dec 2016 11:39

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:248 Resp: 44718

Ion	Ratio	Lower	Upper
248	100		
250	202.7	76.9	115.3#
141	358.1	68.2	102.4#

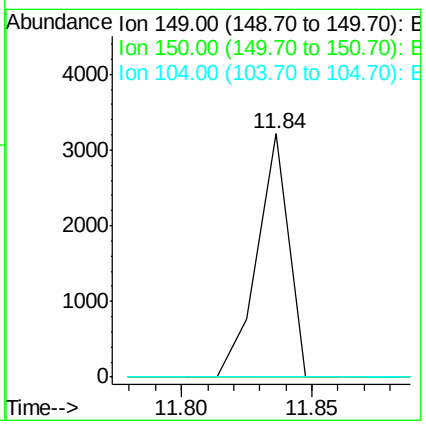


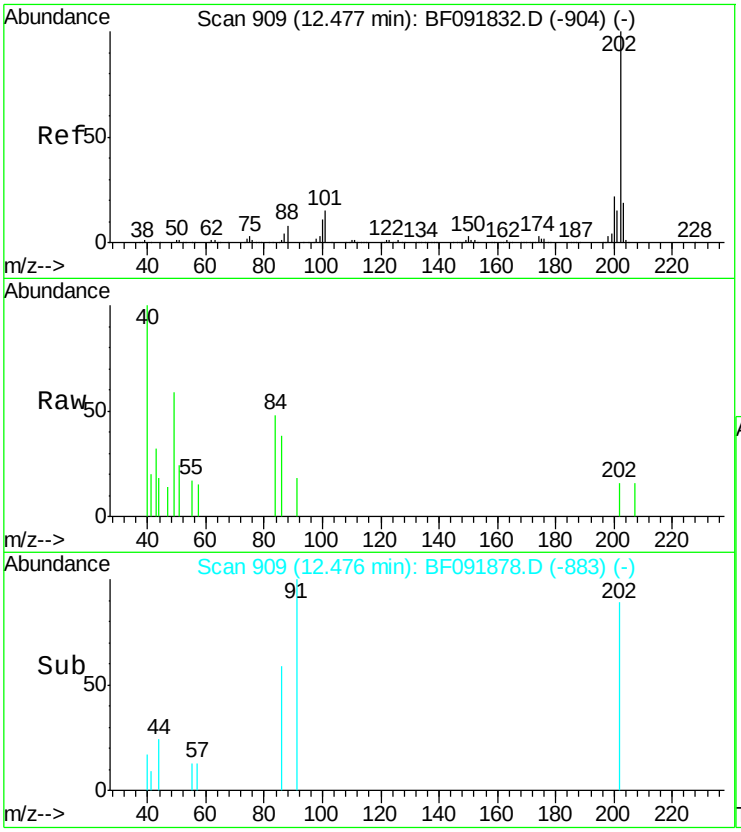


#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.84 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF091878.D
Acq: 22 Dec 2016 11:39

Tgt Ion:149 Resp: 2732

Ion	Ratio	Lower	Upper
149	100		
150	0.0	8.1	12.1#
104	0.0	4.6	7.0#



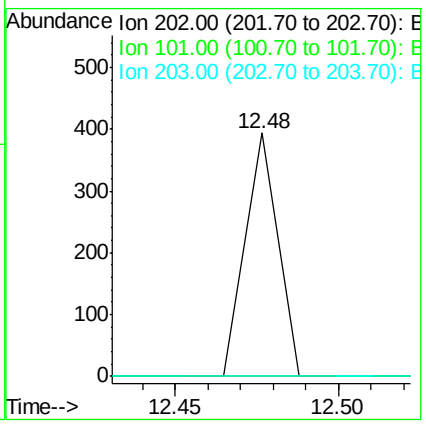


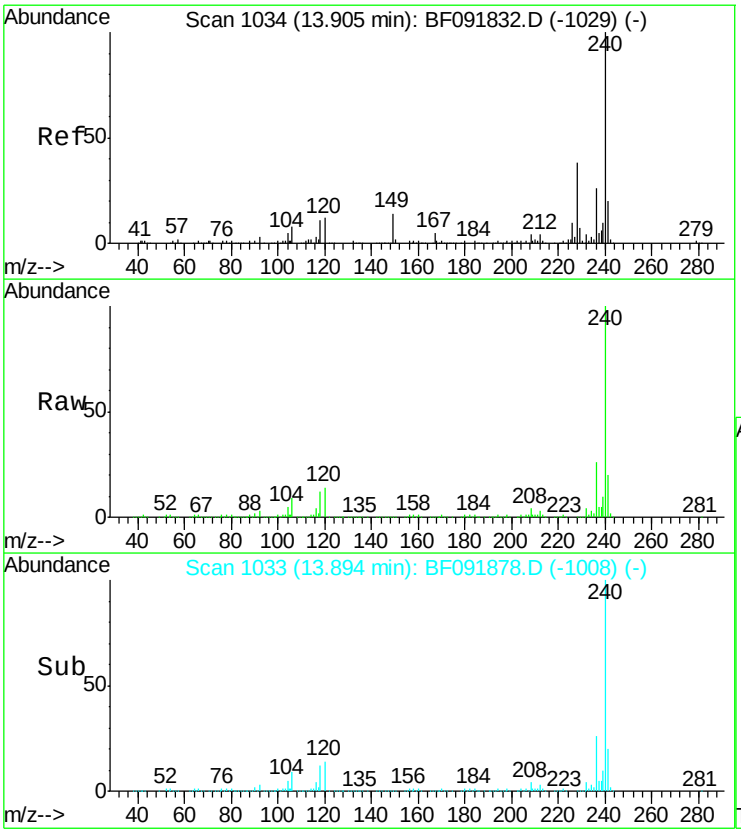
#74
Fluoranthene
Concen: Below Cal
RT: 12.48 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF091878.D
Acq: 22 Dec 2016 11:39

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:202 Resp: 270

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	34.6
203	0.0	0.0	38.7

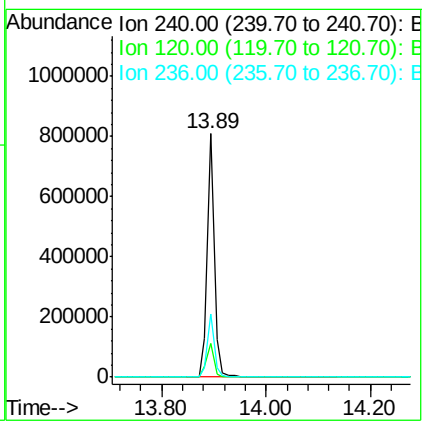


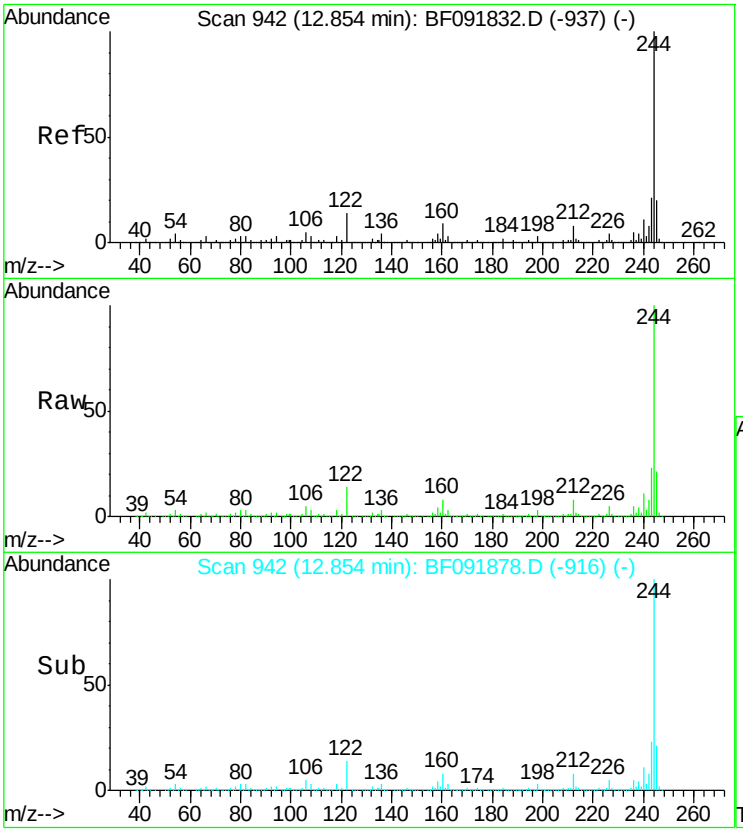


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF091878.D
Acq: 22 Dec 2016 11:39

Tgt Ion:240 Resp: 757140

Ion	Ratio	Lower	Upper
240	100		
120	13.9	12.9	19.3
236	25.7	20.9	31.3



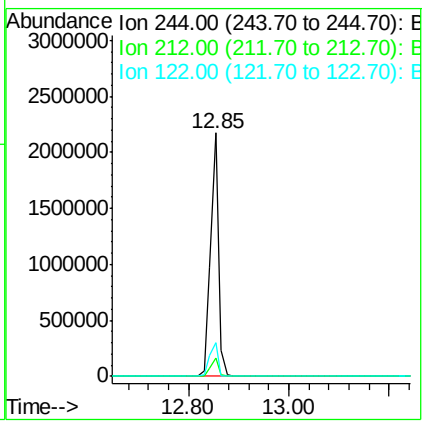


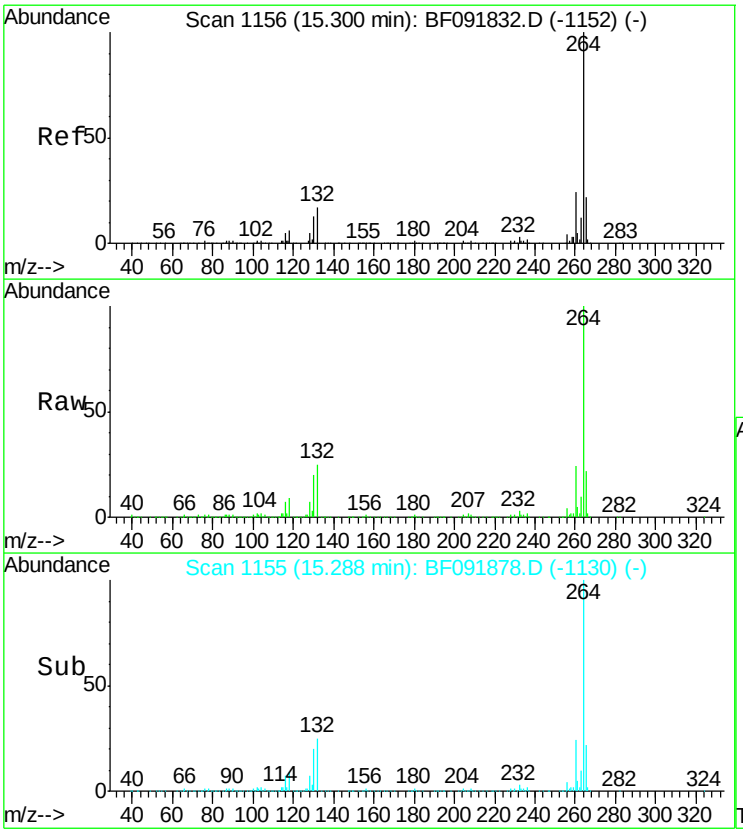
#78
Terphenyl-d14
Concen: 76.53 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF091878.D
Acq: 22 Dec 2016 11:39

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:244 Resp: 2389119

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	13.6	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091878.D
Acq: 22 Dec 2016 11:39

Tgt Ion:264 Resp: 578267

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.1	17.4	26.0