Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
Data File : BF091086.D
Acq On : 8 Nov 2016 17:10
Operator : UM/SJ
Sample : H5581-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW16

Quant Time: Nov 09 00:43:12 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	6.66	152	176245	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	735861	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	384940	20.00	ng		0.00
63) Phenanthrene-d10	11.17	188	639419	20.00	ng		0.00
75) Chrysene-d12	13.80	240	490665	20.00	ng		-0.01
86) Perylene-d12	15.19	264	350691	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	705533	66.11	ng		0.00
7) Phenol-d6	6.30	99	593983	41.01	ng		-0.01
23) Nitrobenzene-d5	7.23	82	1192474	88.40	ng		-0.01
41) 2,4,6-Tribromophenol	10.49	330	505330	145.21	ng		0.00
44) 2-Fluorobiphenyl	9.02	172	2055003	91.91	ng		-0.01
78) Terphenyl-d14	12.76	244	2111835	107.40	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.43	77	32379	4.03	ng		90
15) Benzyl Alcohol	6.82	79	23408	2.29	ng	#	50
19) n-Nitroso-di-n-propylamine	7.23	70	166991	16.64	ng	#	77
25) Isophorone	7.23	82	918813	35.35	ng	#	67
50) 2,6-Dinitrotoluene	9.70	165	49334	9.12	ng	#	12
55) 4-Nitrophenol	9.81	139	452	5.83	ng	#	1
56) 2,4-Dinitrotoluene	9.70	165	49334	7.17	ng	#	26
66) 4-Bromophenyl-phenylether	10.49	248	36080	5.42	ng	#	1
83) Bis(2-ethylhexyl)phthalate	13.80	149	167911	8.07	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
Data File : BF091086.D
Acq On : 8 Nov 2016 17:10
Operator : UM/SJ
Sample : H5581-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
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MW16

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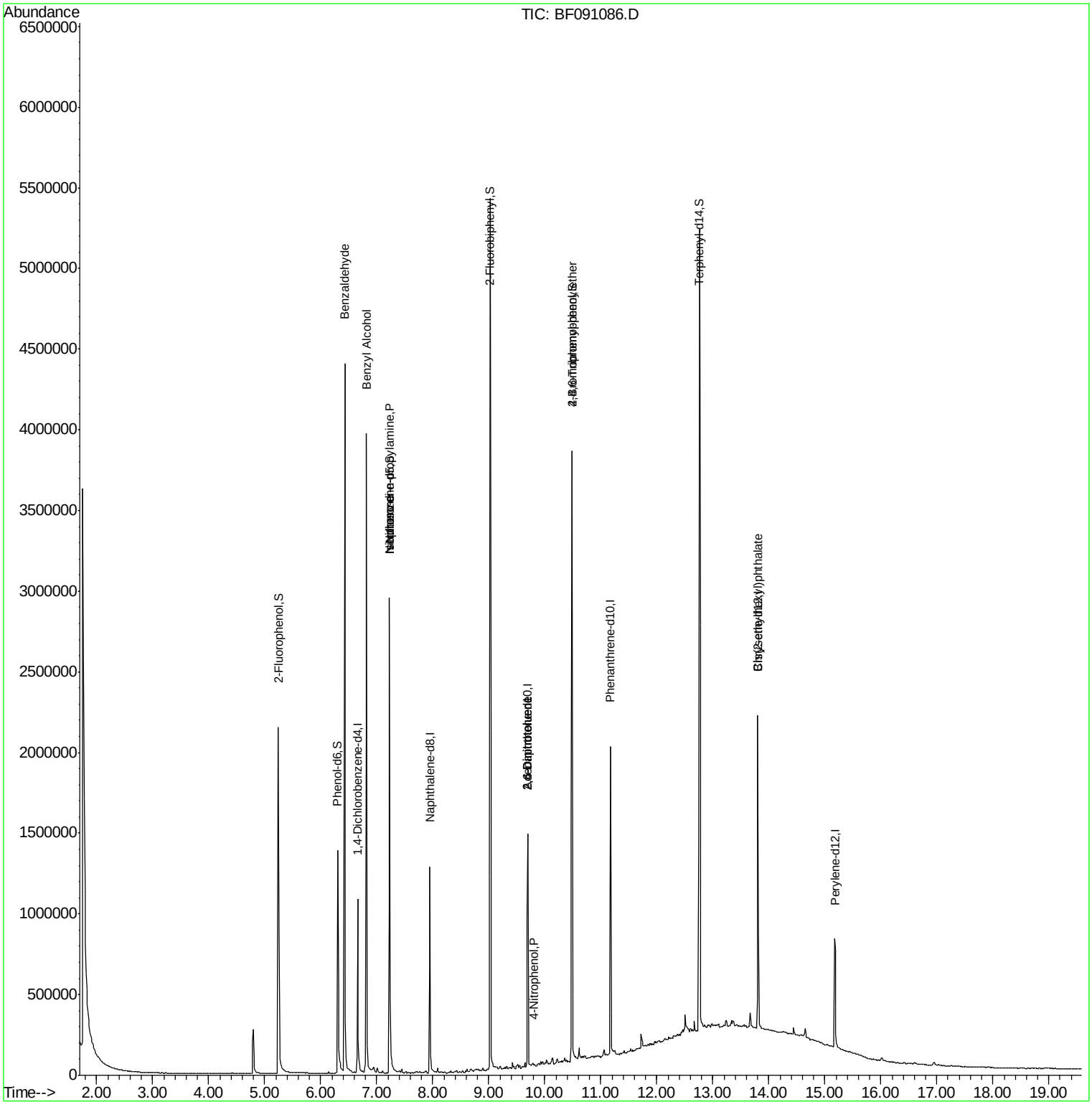
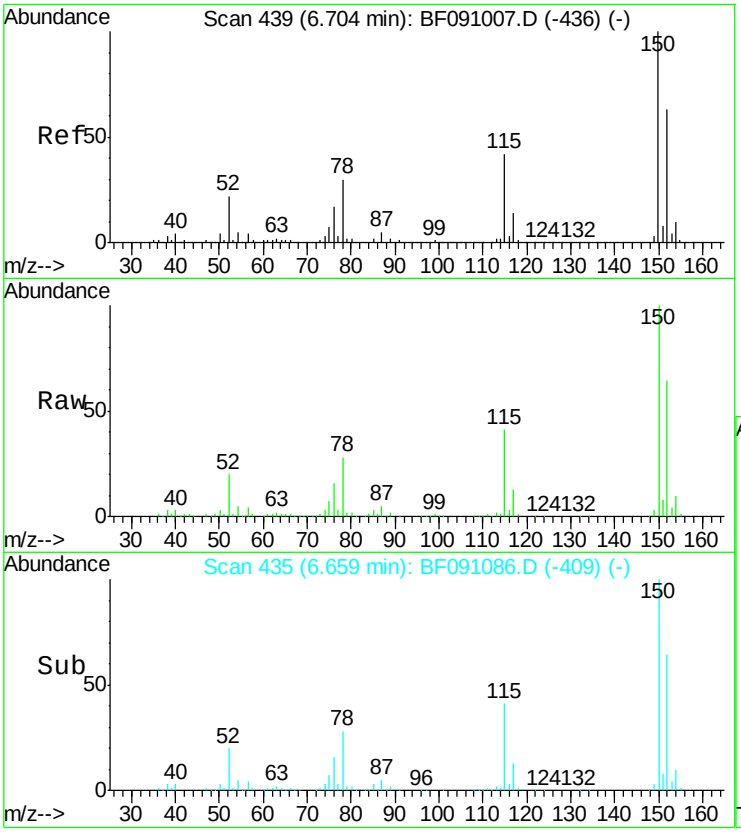


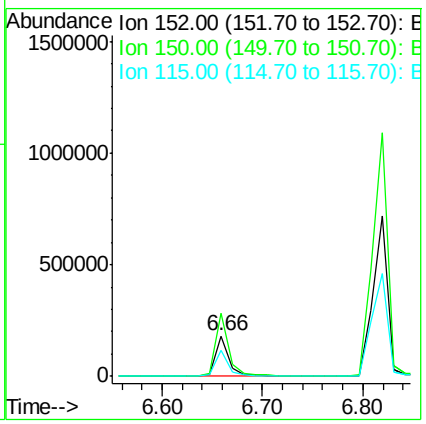


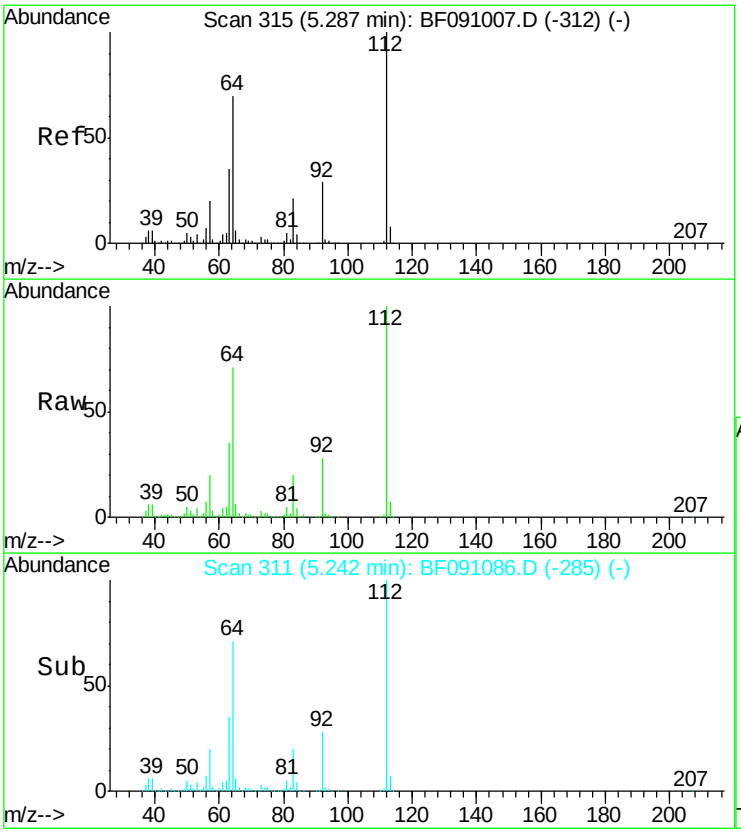
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF091086.D
Acq: 8 Nov 2016 17:10

Instrument :
BNA_F
ClientSampleId :
MW16

Tgt Ion:152 Resp: 176245

Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.8	190.2
115	64.0	53.3	79.9

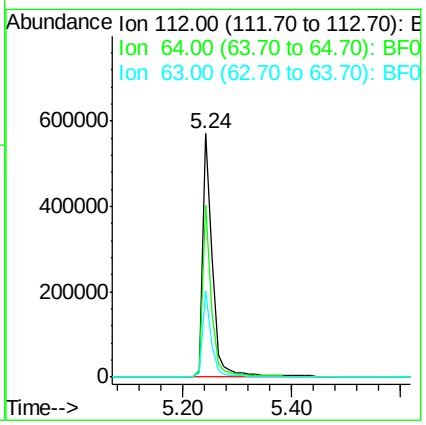


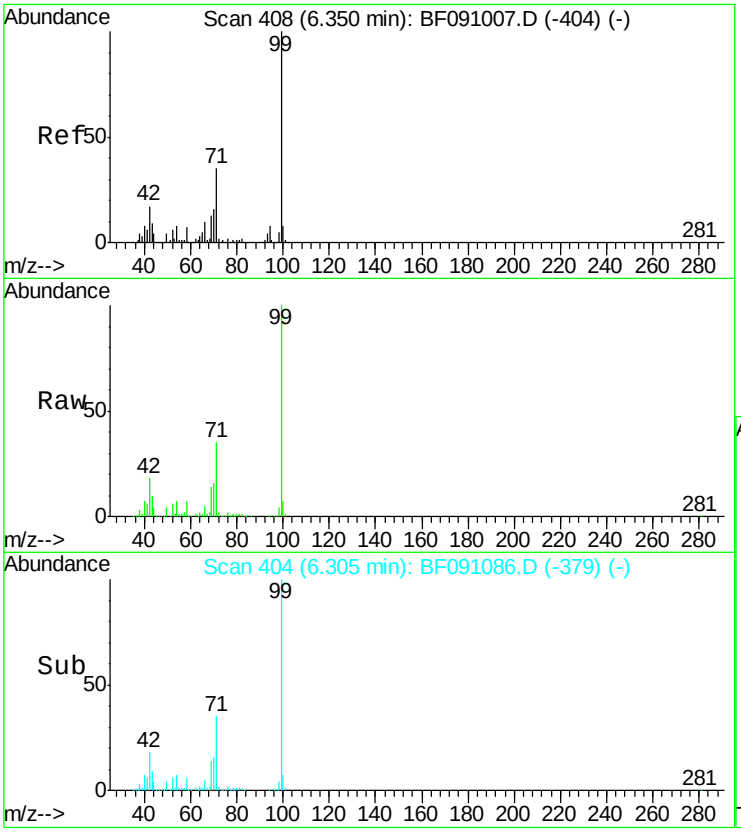


#5
2-Fluorophenol
Concen: 66.11 ng
RT: 5.24 min Scan# 311
Delta R.T. 0.00 min
Lab File: BF091086.D
Acq: 8 Nov 2016 17:10

Tgt Ion:112 Resp: 705533

Ion	Ratio	Lower	Upper
112	100		
64	70.5	55.8	83.6
63	35.4	28.0	42.0



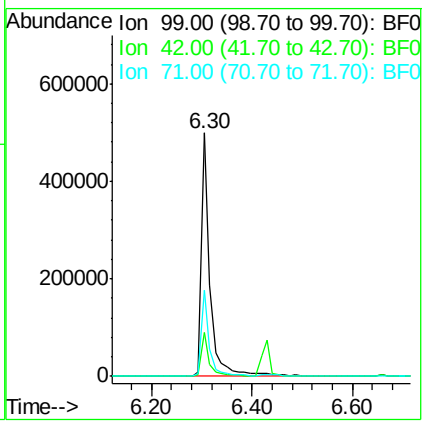


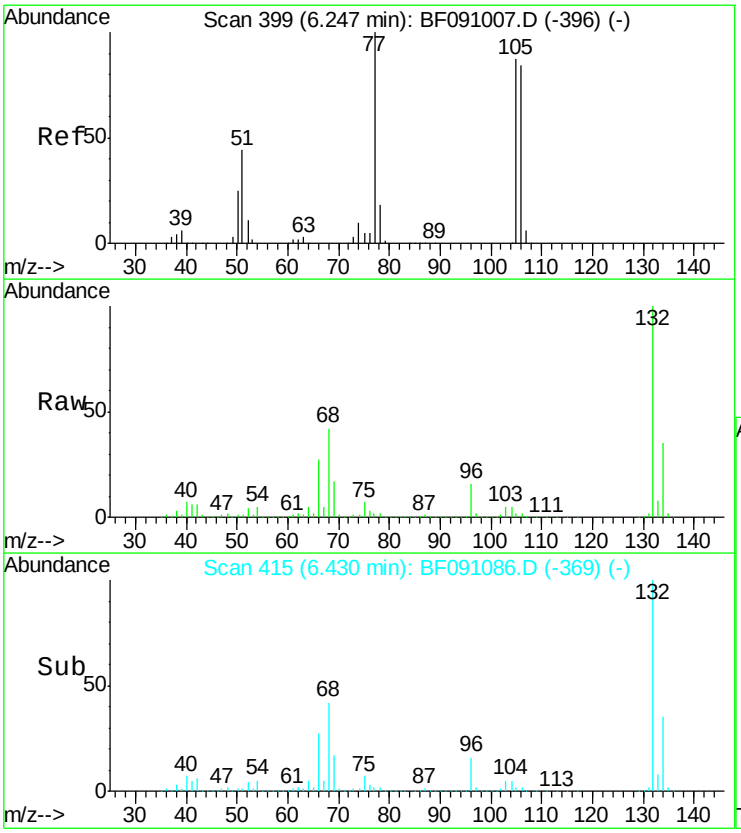
#7
Phenol-d6
Concen: 41.01 ng
RT: 6.30 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF091086.D
Acq: 8 Nov 2016 17:10

Instrument :
BNA_F
ClientSampleId :
MW16

Tgt Ion: 99 Resp: 593983

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.9	20.9
71	35.2	27.8	41.8

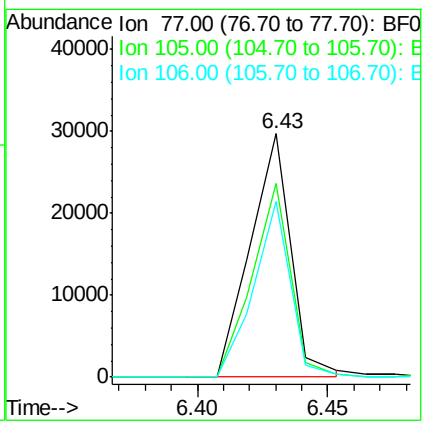


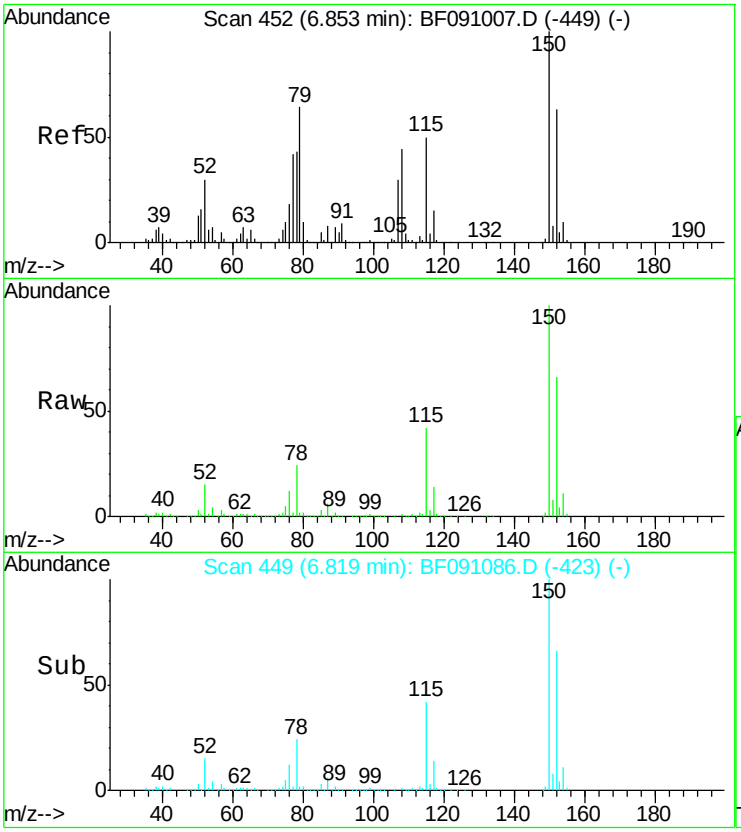


#9
Benzaldehyde
Concen: 4.03 ng
RT: 6.43 min Scan# 415
Delta R.T. 0.23 min
Lab File: BF091086.D
Acq: 8 Nov 2016 17:10

Tgt Ion: 77 Resp: 32379

Ion	Ratio	Lower	Upper
77	100		
105	79.6	66.8	106.8
106	72.2	64.0	104.0



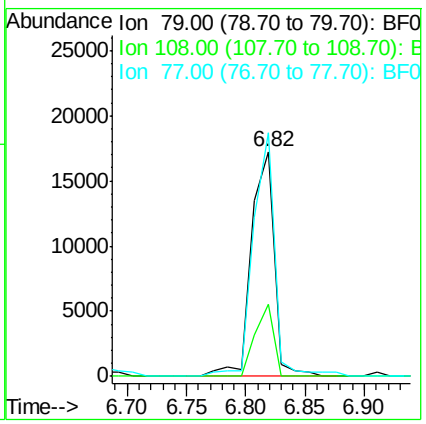


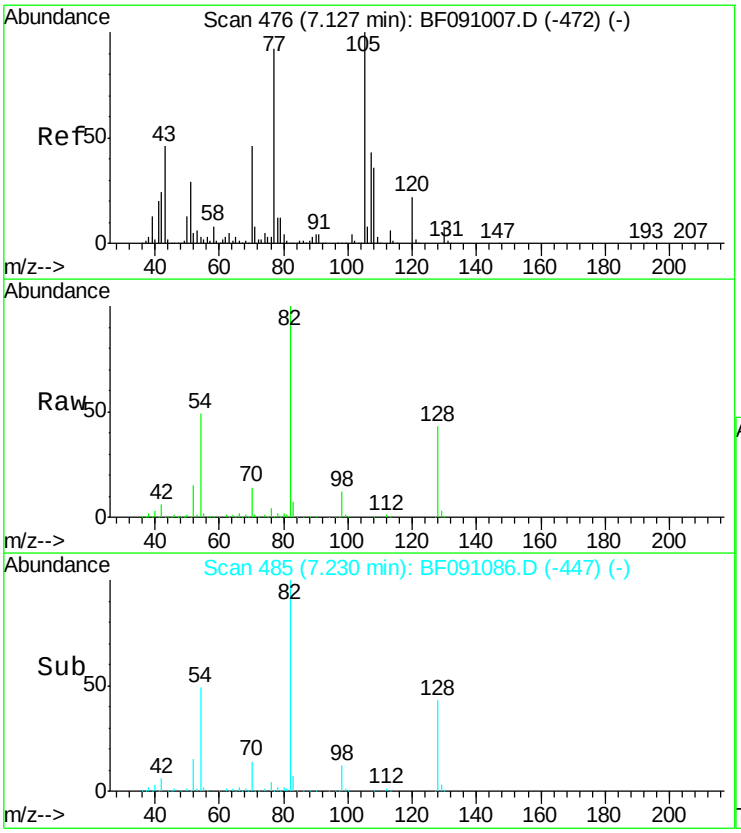
#15
Benzyl Alcohol
Concen: 2.29 ng
RT: 6.82 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF091086.D
Acq: 8 Nov 2016 17:10

Instrument :
BNA_F
ClientSampleId :
MW16

Tgt Ion: 79 Resp: 23408

Ion	Ratio	Lower	Upper
79	100		
108	32.2	55.7	83.5#
77	108.4	52.6	79.0#

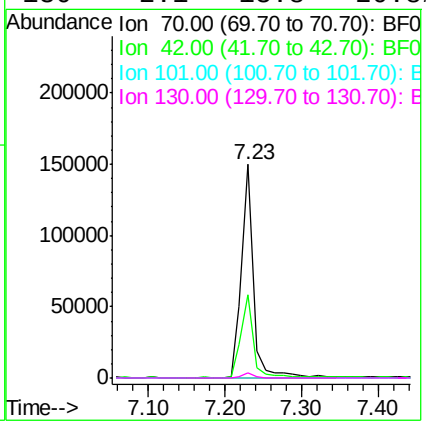


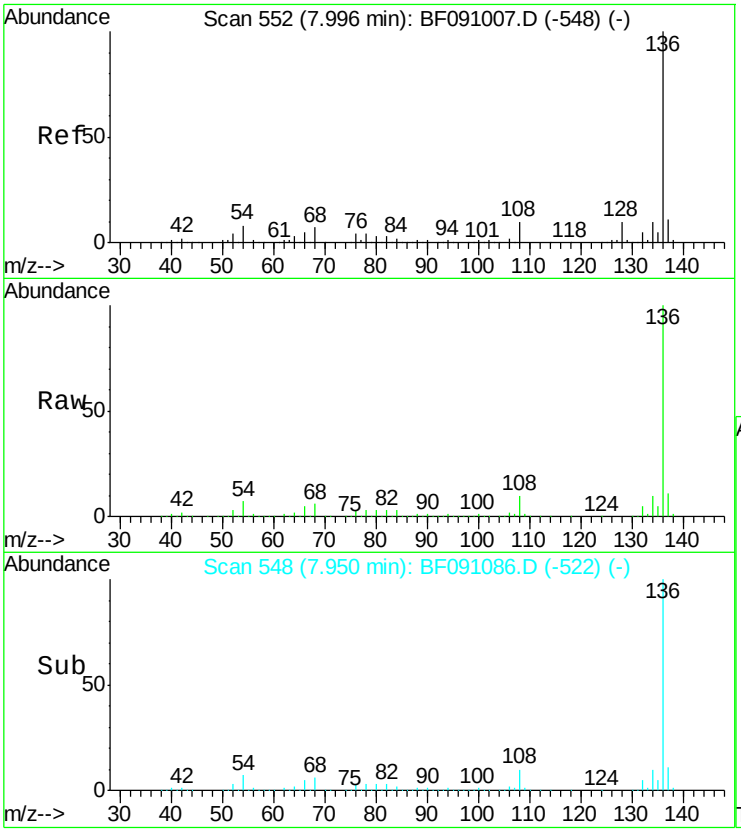


#19
n-Nitroso-di-n-propylamine
Concen: 16.64 ng
RT: 7.23 min Scan# 485
Delta R.T. 0.14 min
Lab File: BF091086.D
Acq: 8 Nov 2016 17:10

Tgt Ion: 70 Resp: 166991

Ion	Ratio	Lower	Upper
70	100		
42	39.2	41.7	62.5#
101	0.0	6.7	10.1#
130	2.1	13.8	20.8#



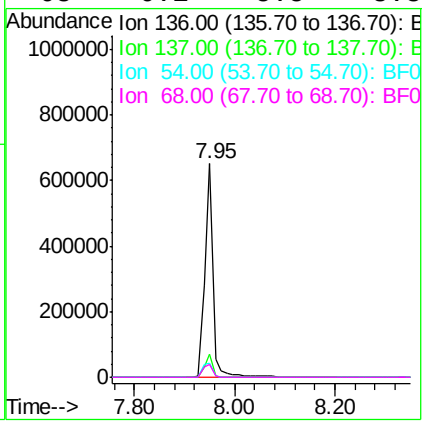


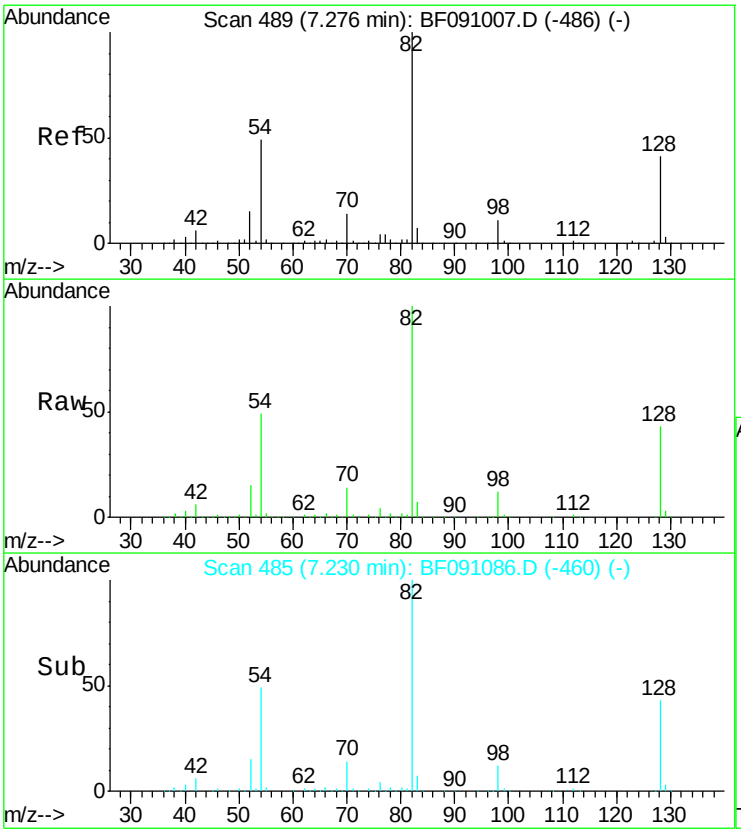
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF091086.D
Acq: 8 Nov 2016 17:10

Instrument :
BNA_F
ClientSampleId :
MW16

Tgt Ion:136 Resp: 735861

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.9	6.2	9.2
68	6.1	5.5	8.3

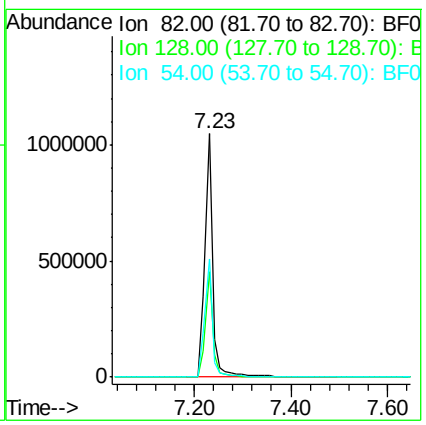


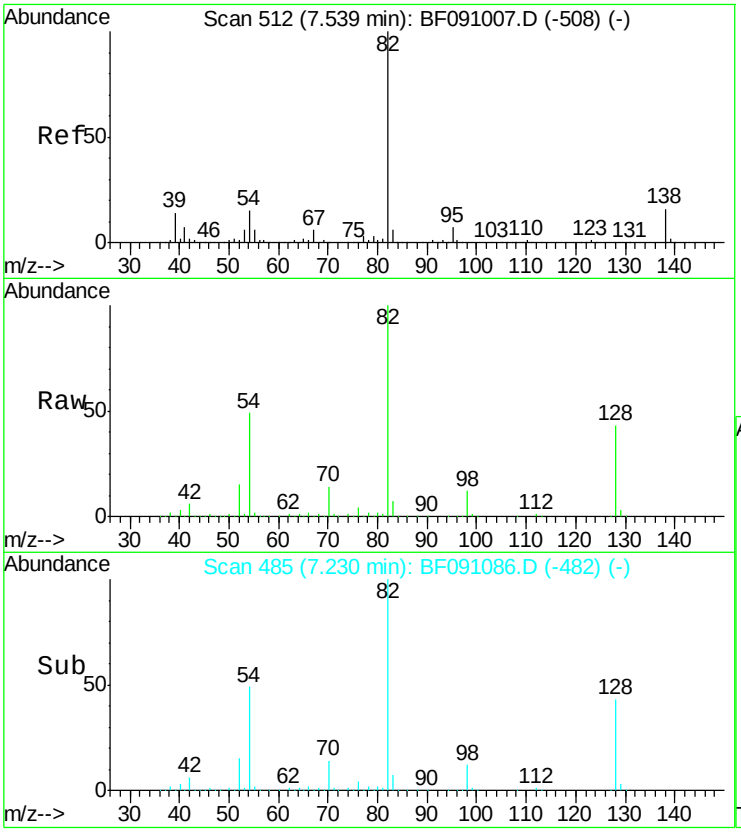


#23
Nitrobenzene-d5
Concen: 88.40 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF091086.D
Acq: 8 Nov 2016 17:10

Tgt Ion: 82 Resp: 1192474

Ion	Ratio	Lower	Upper
82	100		
128	43.2	32.4	48.6
54	48.7	39.2	58.8



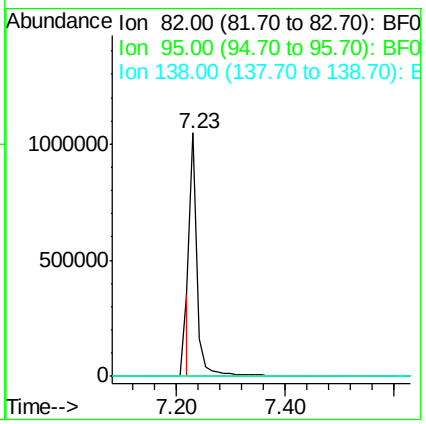


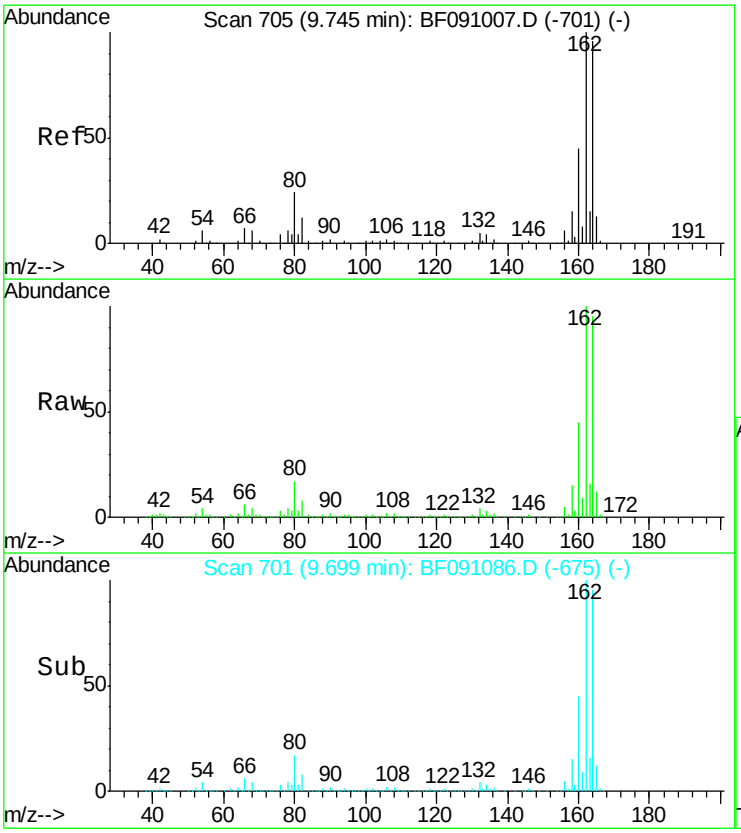
#25
Isophorone
Concen: 35.35 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.26 min
Lab File: BF091086.D
Acq: 8 Nov 2016 17:10

Instrument :
BNA_F
ClientSampleId :
MW16

Tgt Ion: 82 Resp: 918813

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

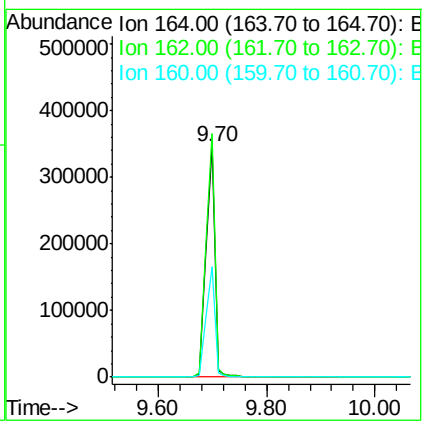


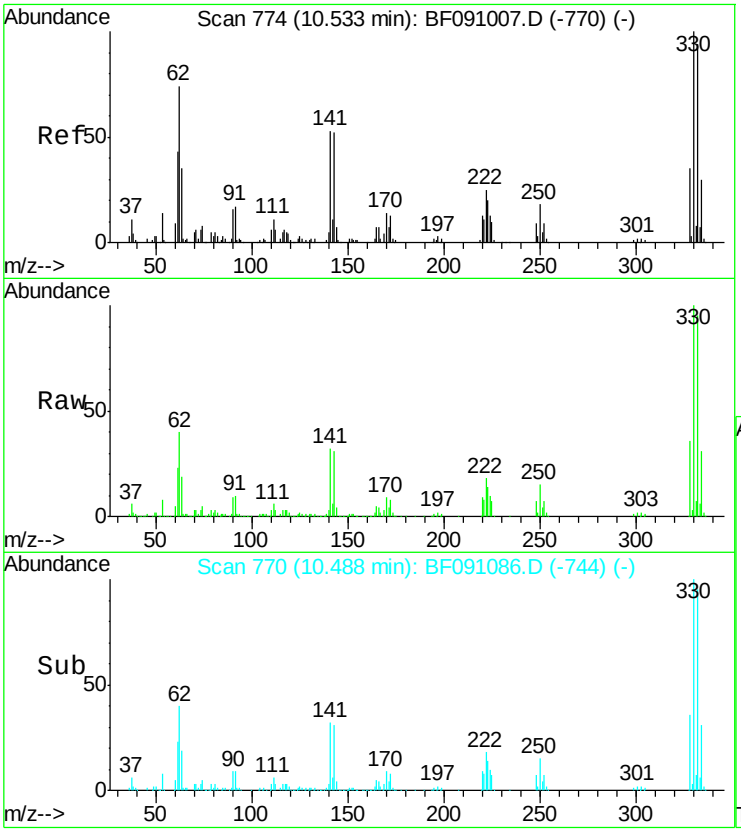


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF091086.D
Acq: 8 Nov 2016 17:10

Tgt Ion:164 Resp: 384940

Ion	Ratio	Lower	Upper
164	100		
162	105.6	83.6	125.4
160	47.7	37.9	56.9



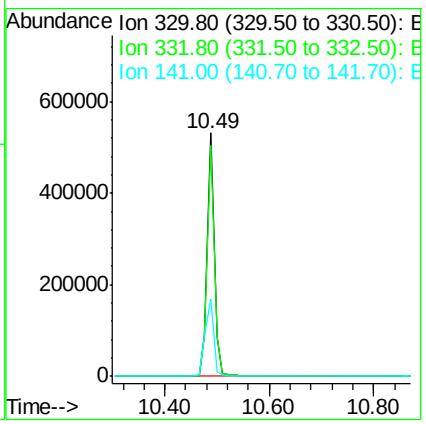


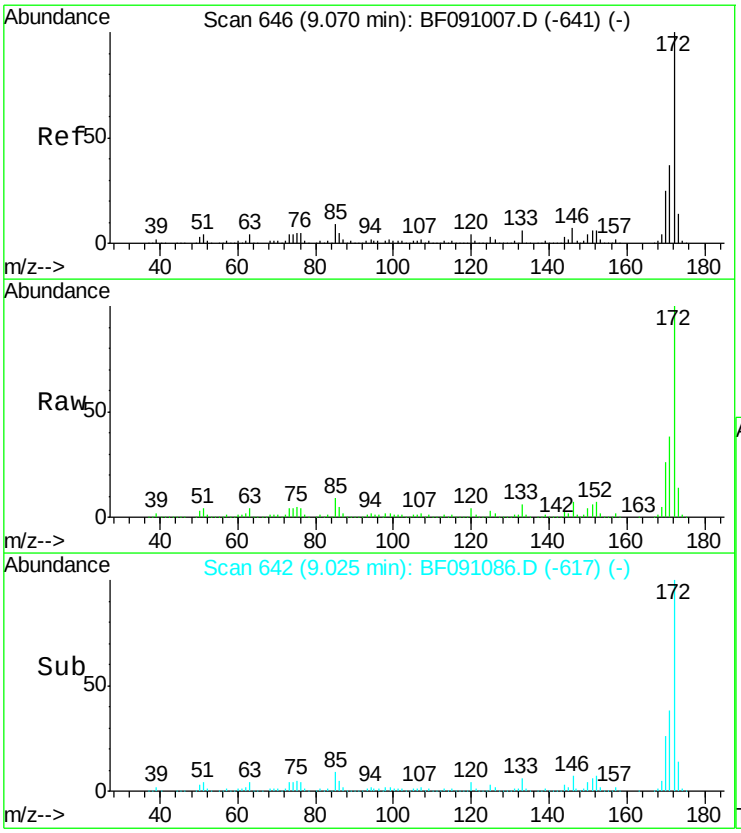
#41
2,4,6-Tribromophenol
Concen: 145.21 ng
RT: 10.49 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF091086.D
Acq: 8 Nov 2016 17:10

Instrument :
BNA_F
ClientSampleId :
MW16

Tgt Ion:330 Resp: 505330

Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.9	113.9
141	37.8	36.1	54.1

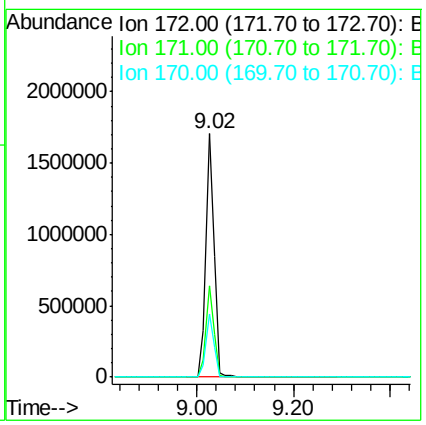


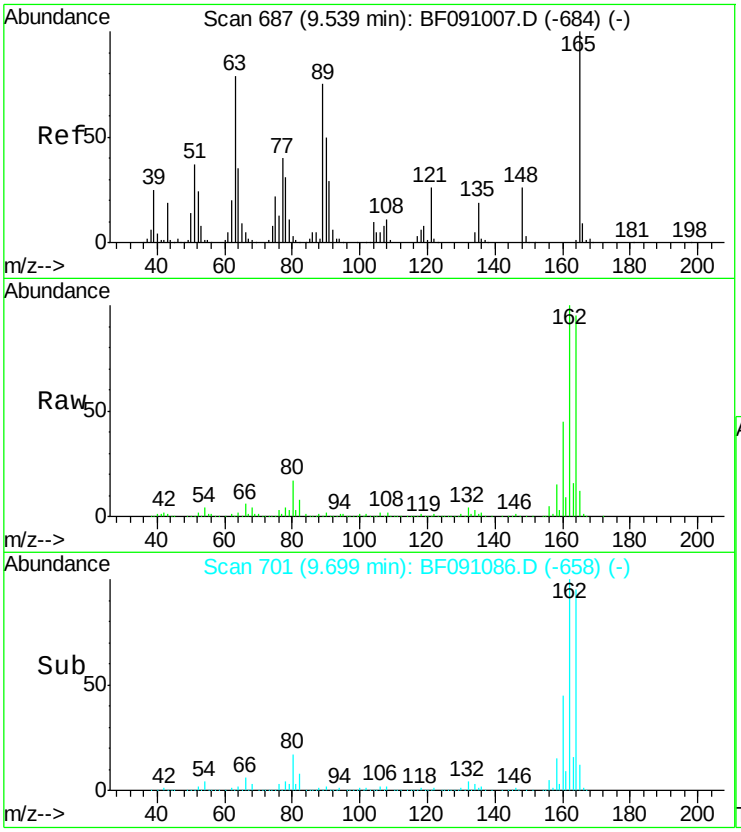


#44
2-Fluorobiphenyl
Concen: 91.91 ng
RT: 9.02 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF091086.D
Acq: 8 Nov 2016 17:10

Tgt Ion:172 Resp: 2055003

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	25.7	20.3	30.5



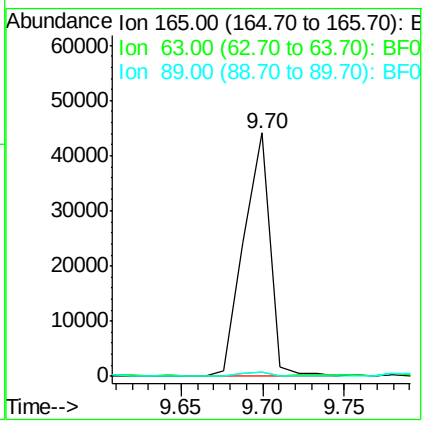


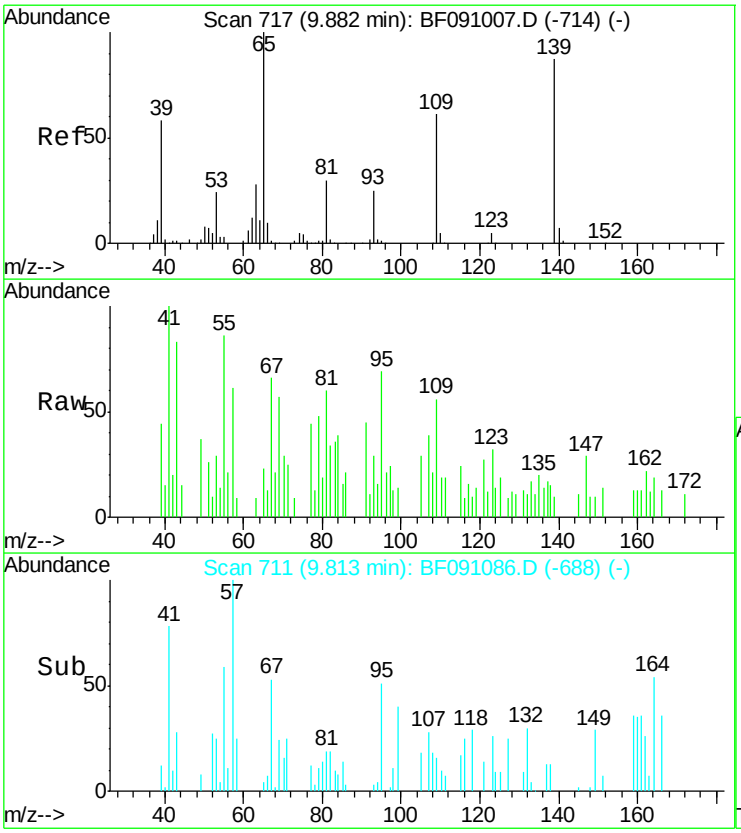
#50
2,6-Dinitrotoluene
Concen: 9.12 ng
RT: 9.70 min Scan# 701
Delta R.T. 0.19 min
Lab File: BF091086.D
Acq: 8 Nov 2016 17:10

Instrument :
BNA_F
ClientSampleId :
MW16

Tgt Ion:165 Resp: 49334

Ion	Ratio	Lower	Upper
165	100		
63	1.5	65.6	98.4#
89	1.6	59.8	89.6#

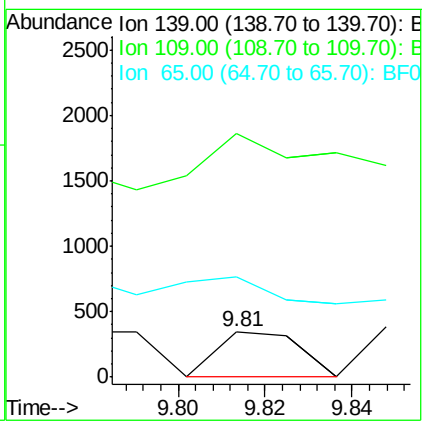


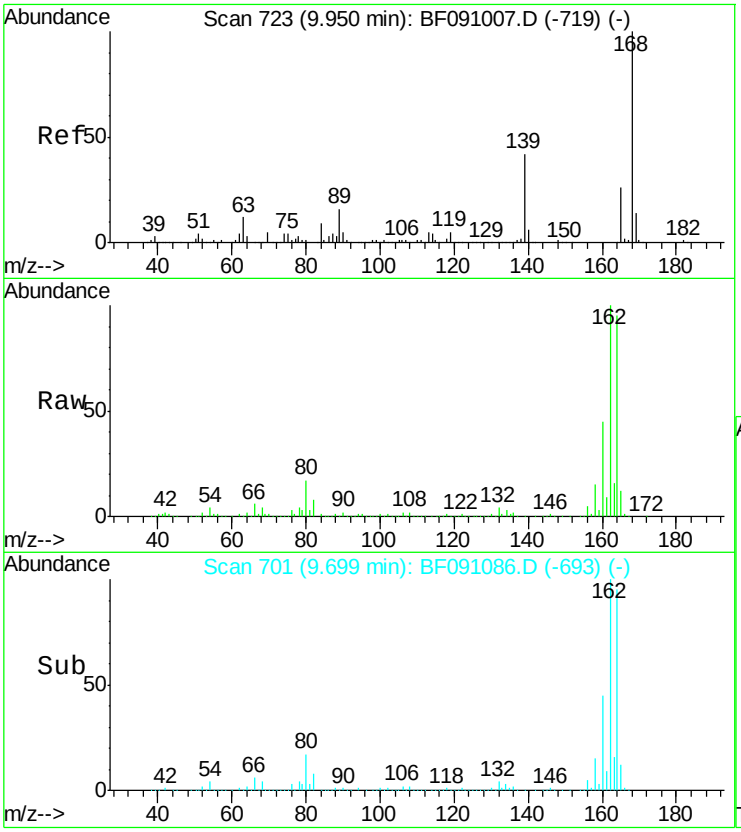


#55
4-Nitrophenol
Concen: 5.83 ng
RT: 9.81 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF091086.D
Acq: 8 Nov 2016 17:10

Tgt Ion:139 Resp: 452

Ion	Ratio	Lower	Upper
139	100		
109	537.9	50.5	90.5#
65	221.1	97.1	137.1#



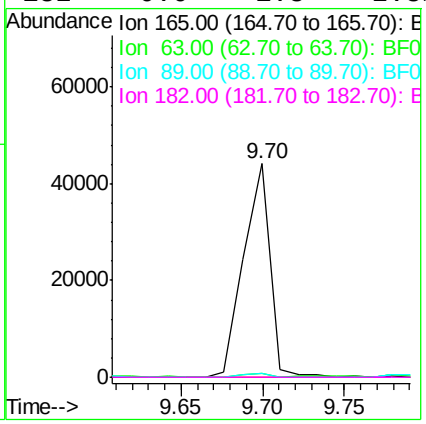


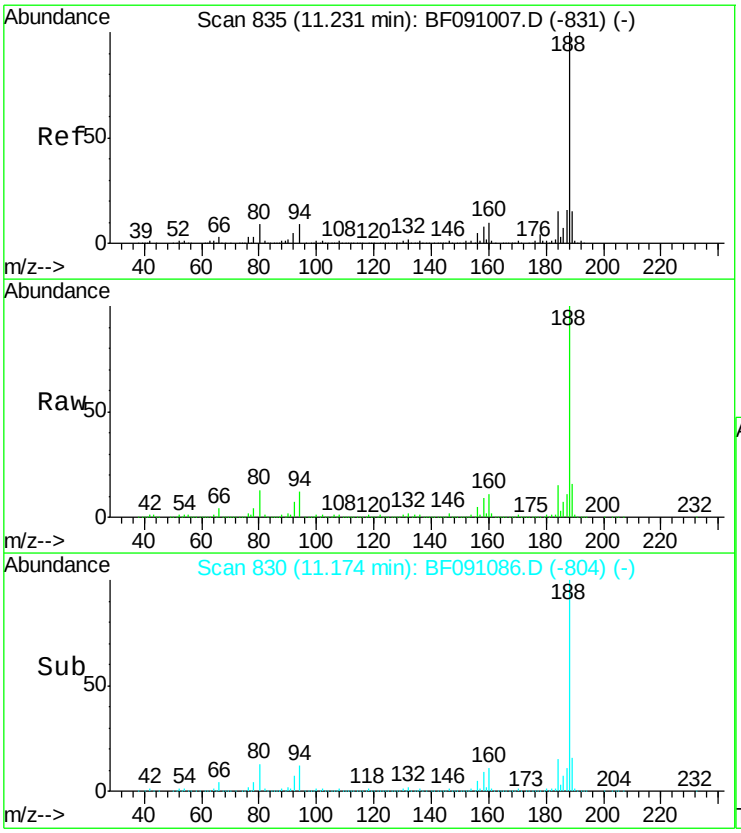
#56
2,4-Dinitrotoluene
Concen: 7.17 ng
RT: 9.70 min Scan# 701
Delta R.T. -0.21 min
Lab File: BF091086.D
Acq: 8 Nov 2016 17:10

Instrument :
BNA_F
ClientSampleId :
MW16

Tgt Ion:165 Resp: 49334

Ion	Ratio	Lower	Upper
165	100		
63	1.5	38.7	58.1#
89	1.6	50.6	76.0#
182	0.0	1.8	2.8#

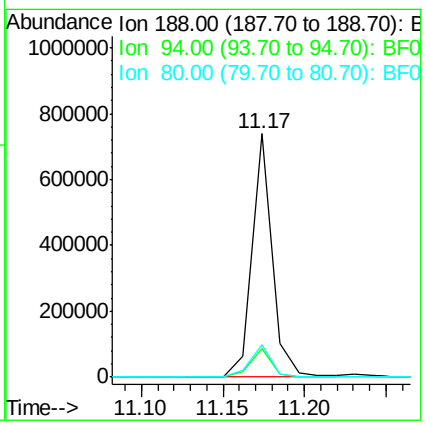


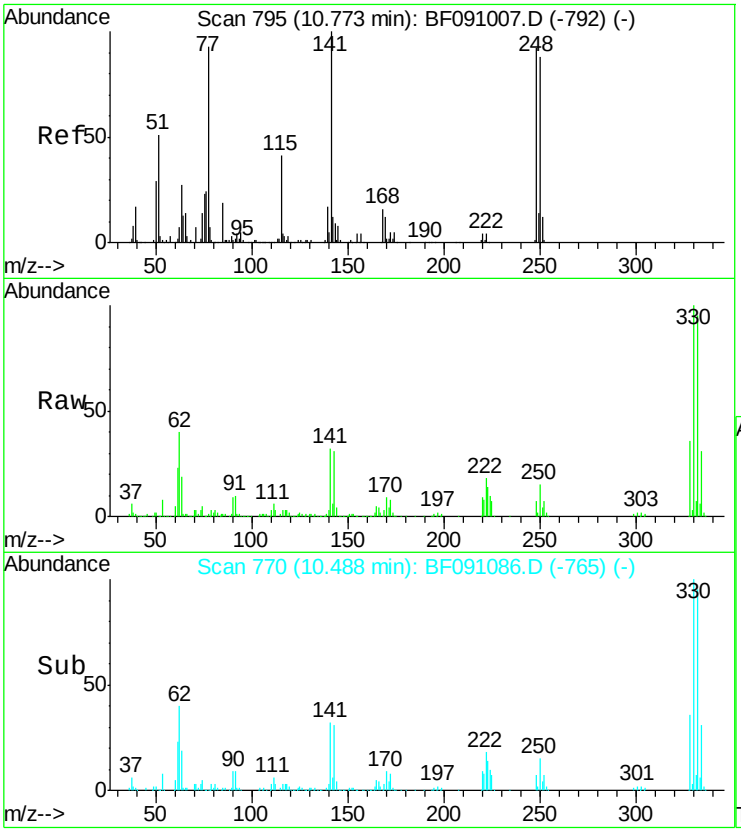


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF091086.D
Acq: 8 Nov 2016 17:10

Tgt Ion:188 Resp: 639419

Ion	Ratio	Lower	Upper
188	100		
94	11.9	7.0	10.4#
80	13.1	7.5	11.3#



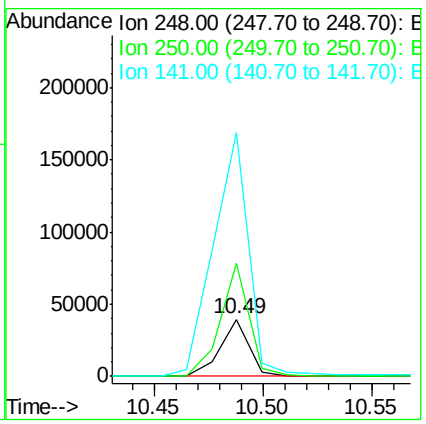


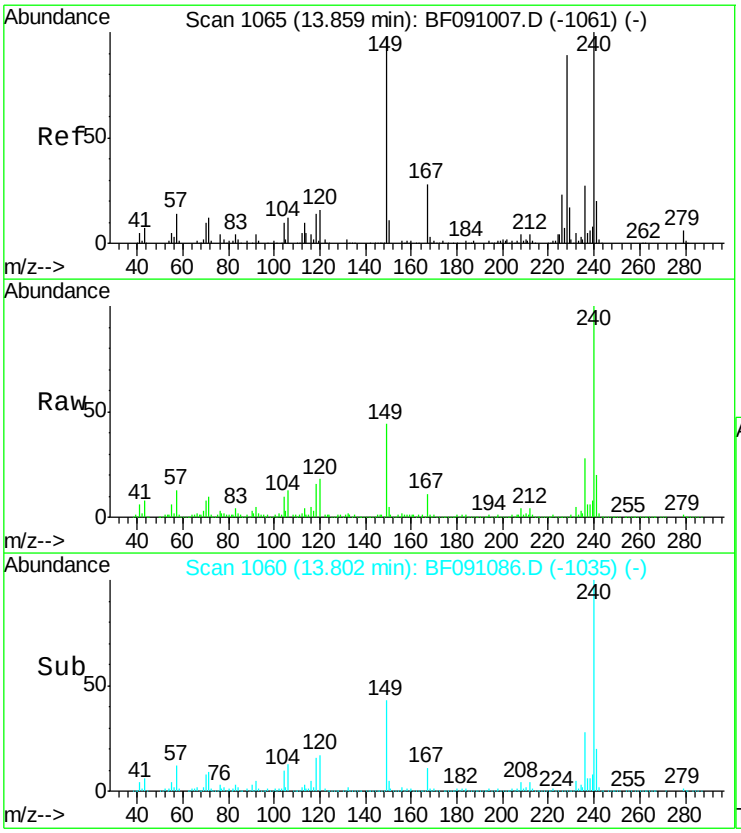
#66
4-Bromophenyl-phenylether
Concen: 5.42 ng
RT: 10.49 min Scan# 770
Delta R.T. -0.24 min
Lab File: BF091086.D
Acq: 8 Nov 2016 17:10

Instrument :
BNA_F
ClientSampleId :
MW16

Tgt Ion:248 Resp: 36080

Ion	Ratio	Lower	Upper
248	100		
250	198.1	76.3	114.5#
141	425.3	86.8	130.2#

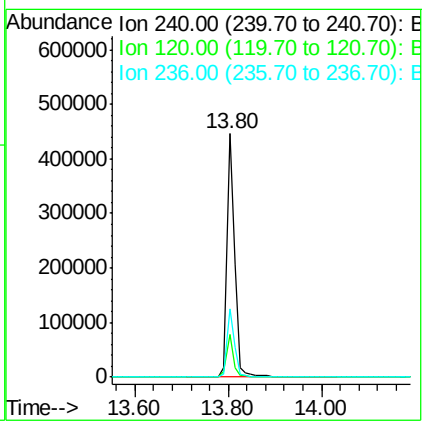


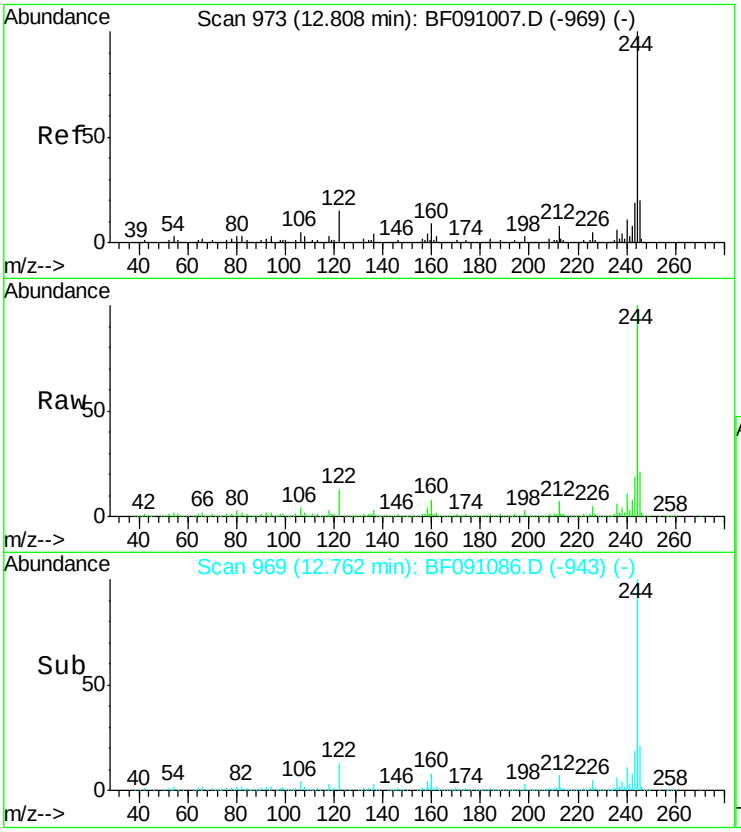


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF091086.D
Acq: 8 Nov 2016 17:10

Tgt Ion:240 Resp: 490665

Ion	Ratio	Lower	Upper
240	100		
120	17.6	12.9	19.3
236	27.8	21.9	32.9



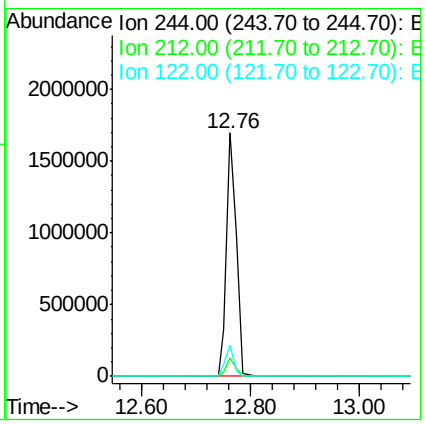


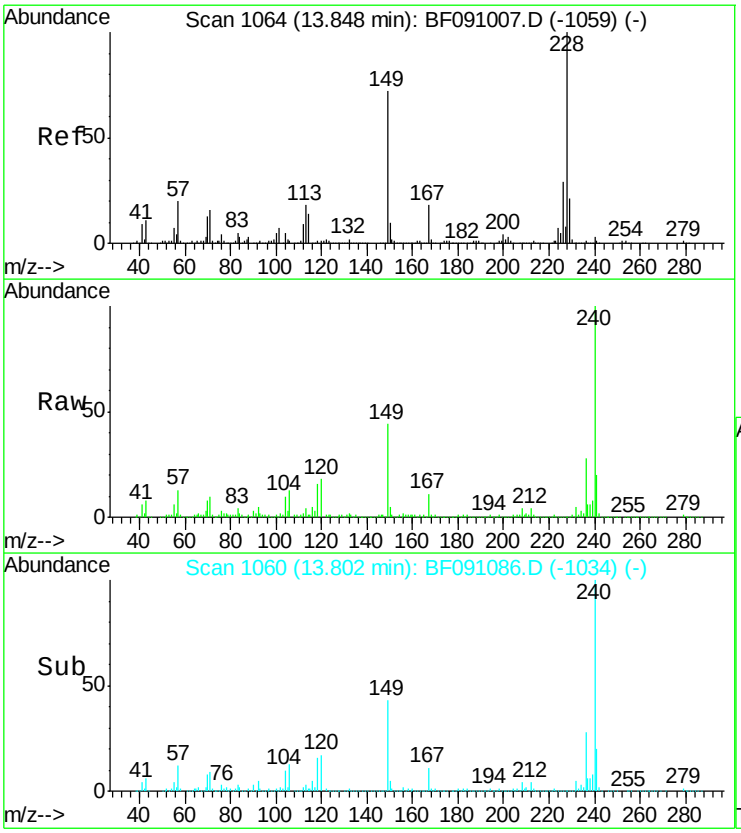
#78
Terphenyl-d14
Concen: 107.40 ng
RT: 12.76 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF091086.D
Acq: 8 Nov 2016 17:10

Instrument :
BNA_F
ClientSampleId :
MW16

Tgt Ion:244 Resp: 2111835

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.4	9.6
122	13.0	12.3	18.5

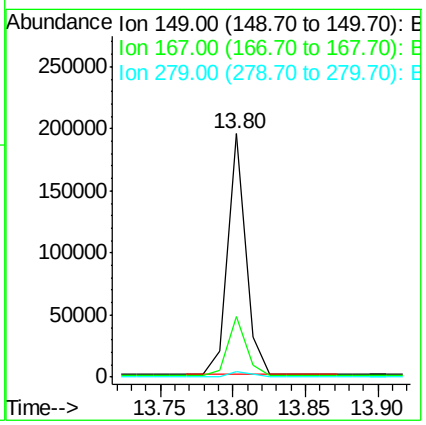


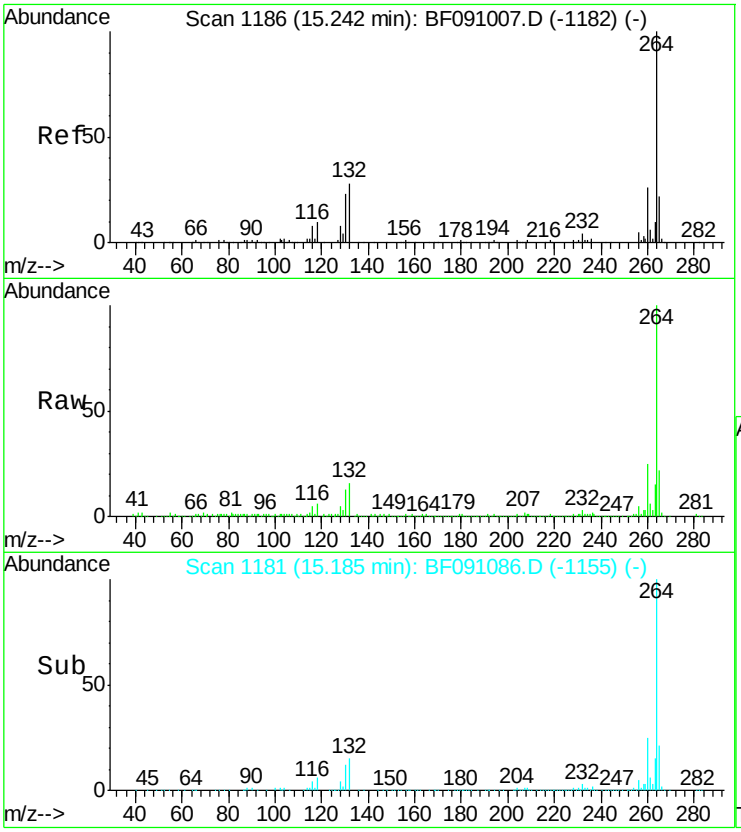


#83
Bis(2-ethylhexyl)phthalate
Concen: 8.07 ng
RT: 13.80 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF091086.D
Acq: 8 Nov 2016 17:10

Tgt Ion:149 Resp: 167911

Ion	Ratio	Lower	Upper
149	100		
167	24.7	20.4	30.6
279	2.2	1.6	2.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.19 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF091086.D
Acq: 8 Nov 2016 17:10

Instrument :
BNA_F
ClientSampleId :
MW16

Tgt Ion:264 Resp: 350691

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.6	30.8
265	21.6	17.8	26.8