Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
Data File : BF086095.D
Acq On : 6 Apr 2016 13:38
Operator : UM/SJ
Sample : PB89567BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB89567BL

Quant Time: Apr 07 01:02:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	156943	20.00	ng		-0.03
21) Naphthalene-d8	8.03	136	650704	20.00	ng		-0.03
38) Acenaphthene-d10	9.78	164	297668	20.00	ng		-0.03
63) Phenanthrene-d10	11.26	188	595648	20.00	ng		-0.03
75) Chrysene-d12	13.89	240	442209	20.00	ng		-0.03
86) Perylene-d12	15.30	264	351531	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	758695	82.63	ng		-0.02
7) Phenol-d6	6.38	99	972800	83.41	ng		-0.03
23) Nitrobenzene-d5	7.31	82	581591	52.71	ng		-0.03
41) 2,4,6-Tribromophenol	10.57	330	227922	81.58	ng		-0.03
44) 2-Fluorobiphenyl	9.10	172	976595	54.55	ng		-0.03
78) Terphenyl-d14	12.85	244	1099905	58.47	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.51	77	15585	2.48	ng		83
19) n-Nitroso-di-n-propylamine	7.31	70	76254	10.55	ng	#	78
25) Isophorone	7.31	82	484711	22.25	ng	#	68
50) 2,6-Dinitrotoluene	9.78	165	38198	8.18	ng	#	19
56) 2,4-Dinitrotoluene	9.78	165	38192	6.47	ng	#	37
66) 4-Bromophenyl-phenylether	10.57	248	14663	2.41	ng	#	1

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

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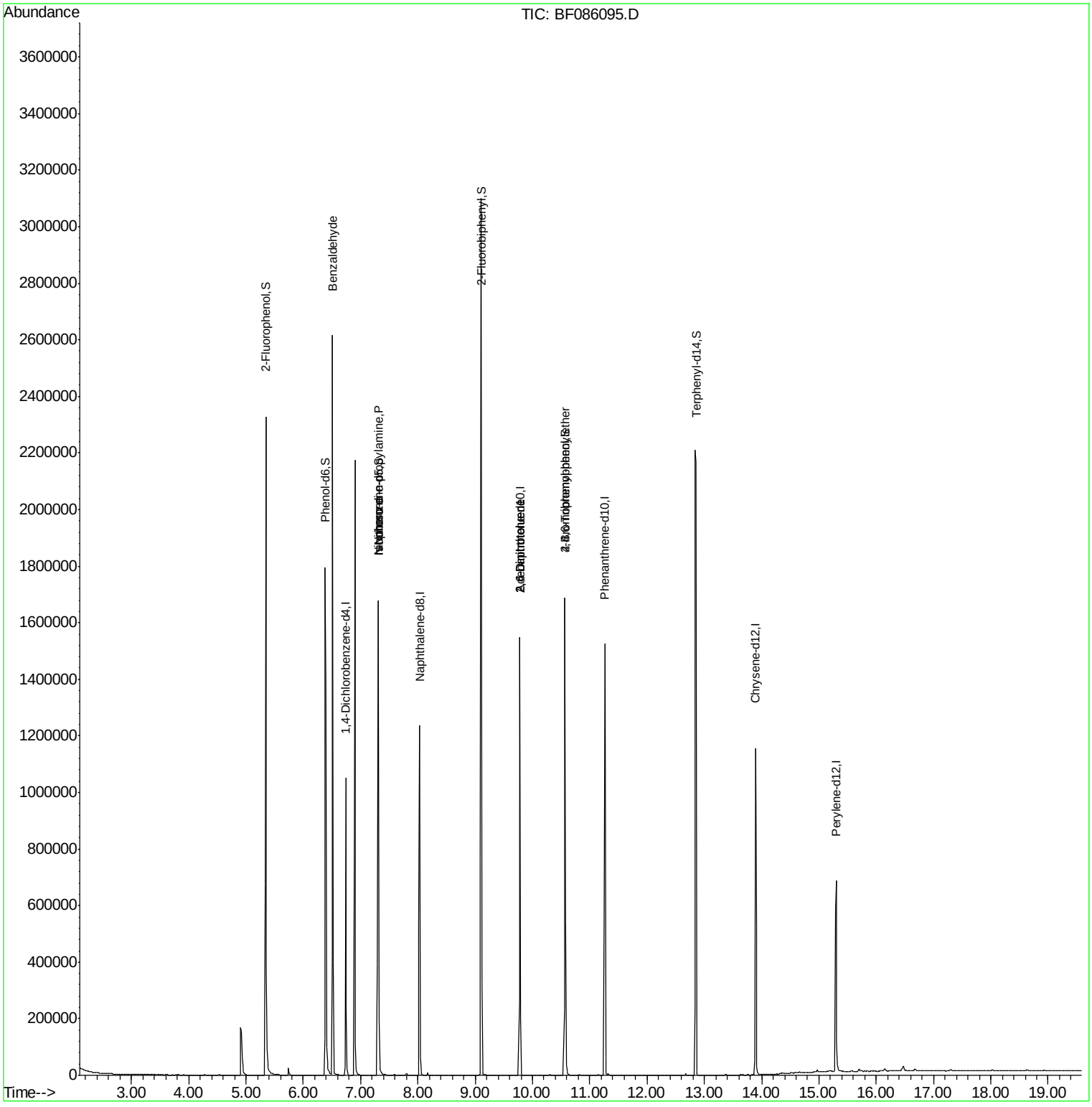
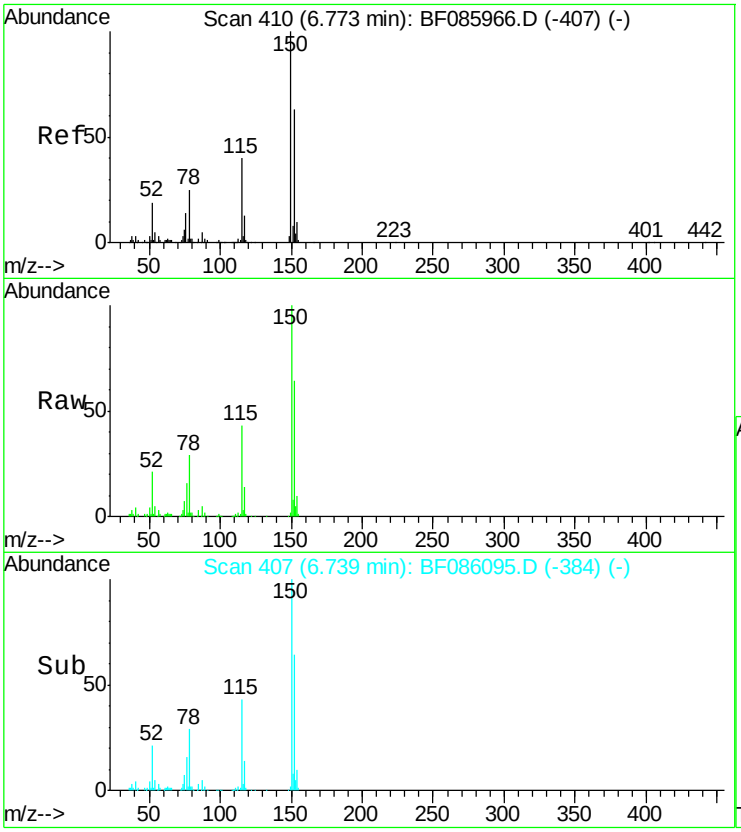


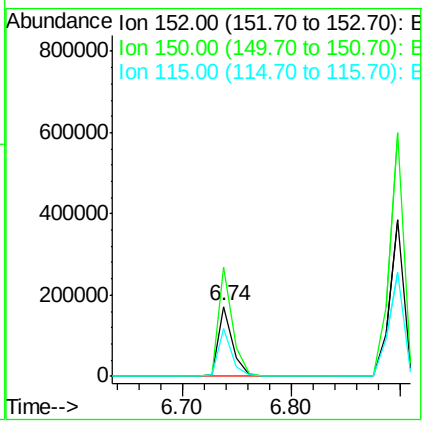


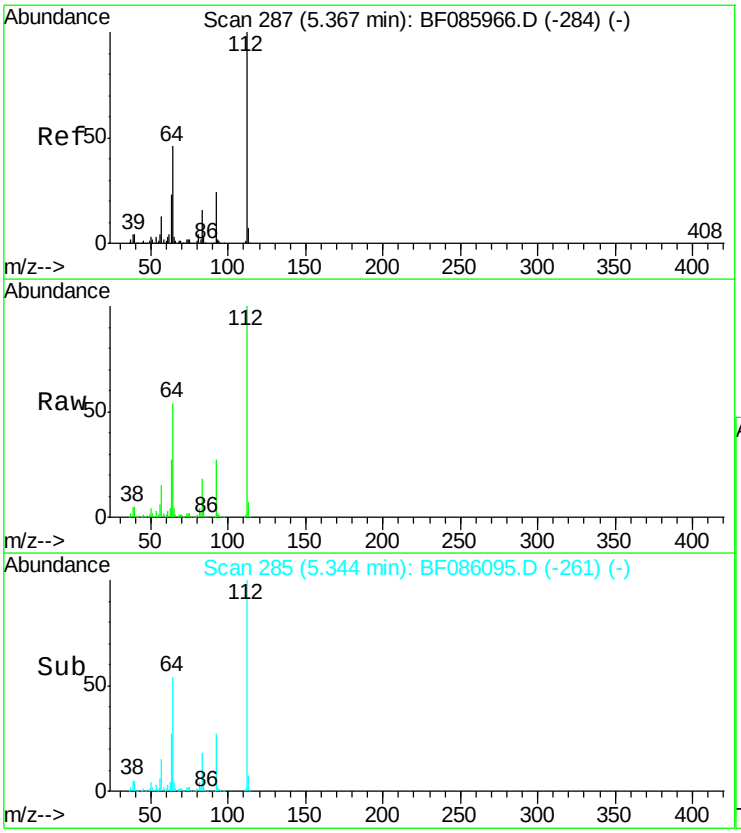
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF086095.D
Acq: 6 Apr 2016 13:38

Instrument :
BNA_F
ClientSampleId :
PB89567BL

Tgt Ion:152 Resp: 156943

Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.2	186.2
115	67.4	47.0	70.6

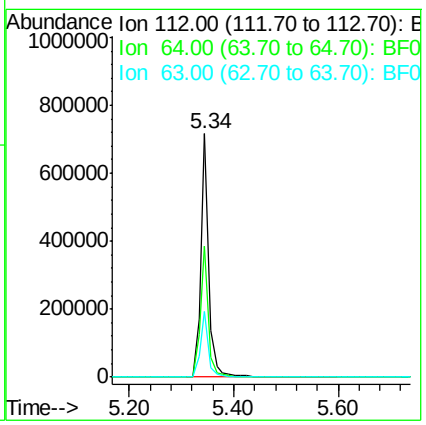


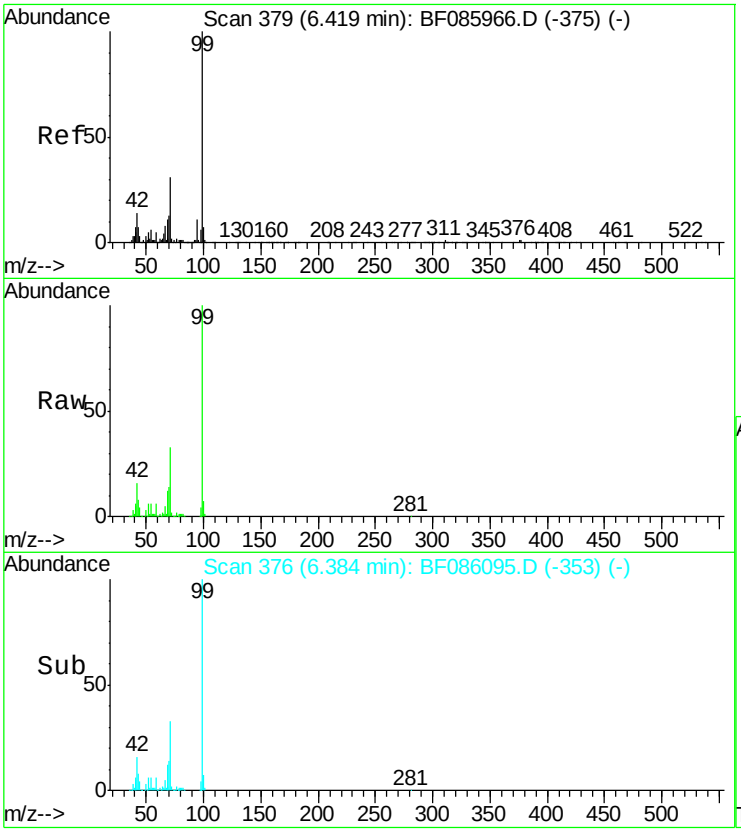


#5
2-Fluorophenol
Concen: 82.63 ng
RT: 5.34 min Scan# 285
Delta R.T. -0.02 min
Lab File: BF086095.D
Acq: 6 Apr 2016 13:38

Tgt Ion:112 Resp: 758695

Ion	Ratio	Lower	Upper
112	100		
64	54.0	39.9	59.9
63	27.2	20.2	30.2



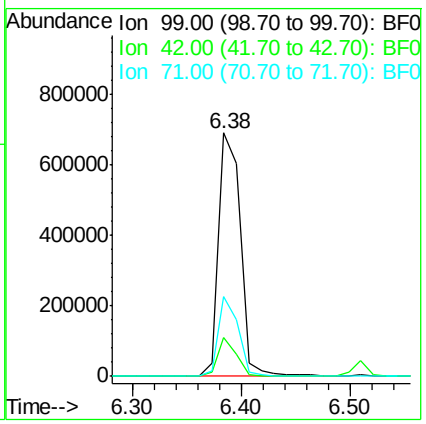


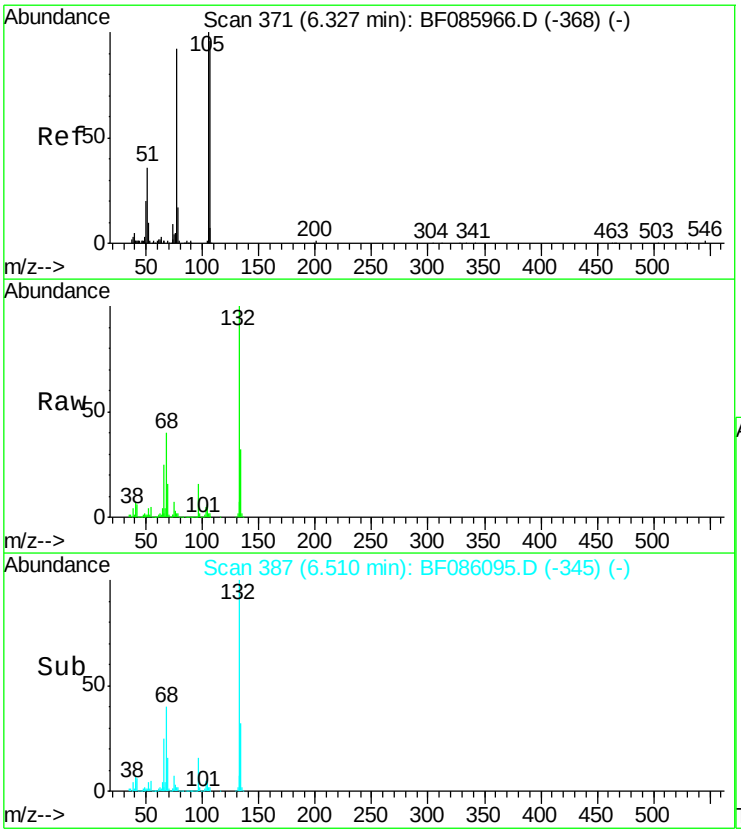
#7
Phenol-d6
Concen: 83.41 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.03 min
Lab File: BF086095.D
Acq: 6 Apr 2016 13:38

Instrument :
BNA_F
ClientSampleId :
PB89567BL

Tgt Ion: 99 Resp: 972800

Ion	Ratio	Lower	Upper
99	100		
42	15.9	11.1	16.7
71	33.0	24.9	37.3

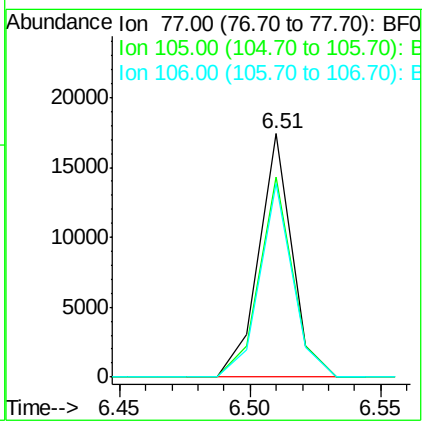


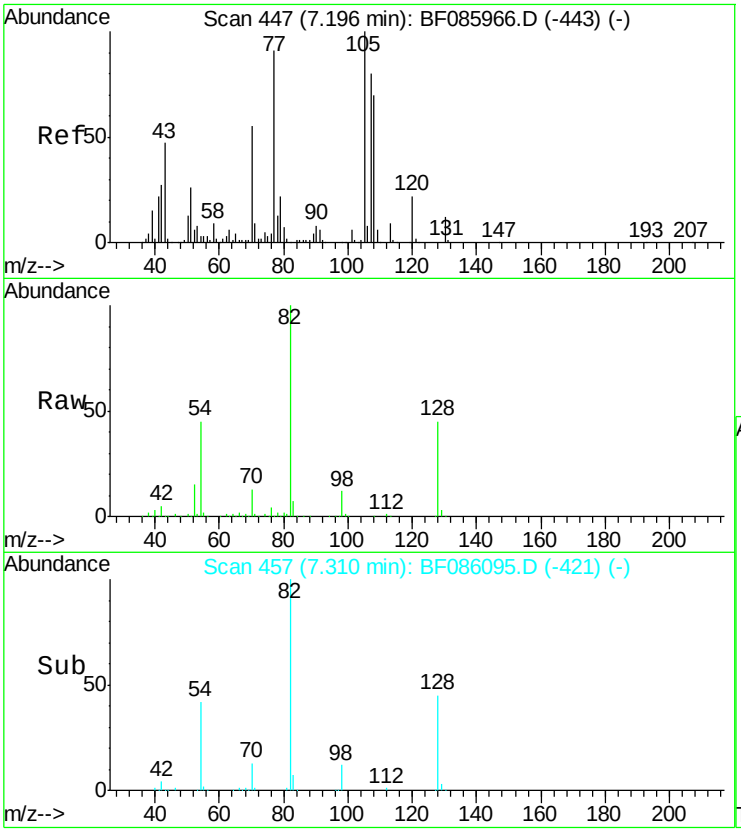


#9
Benzaldehyde
Concen: 2.48 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.18 min
Lab File: BF086095.D
Acq: 6 Apr 2016 13:38

Tgt Ion: 77 Resp: 15585

Ion	Ratio	Lower	Upper
77	100		
105	82.2	80.1	120.1
106	79.8	75.0	115.0



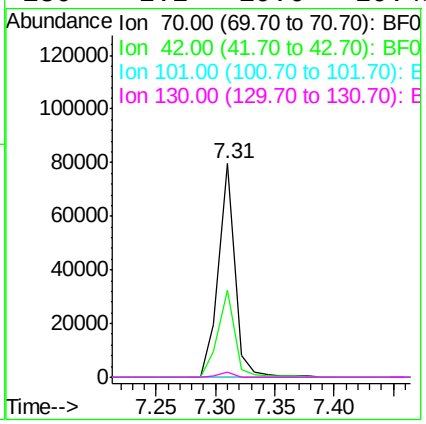


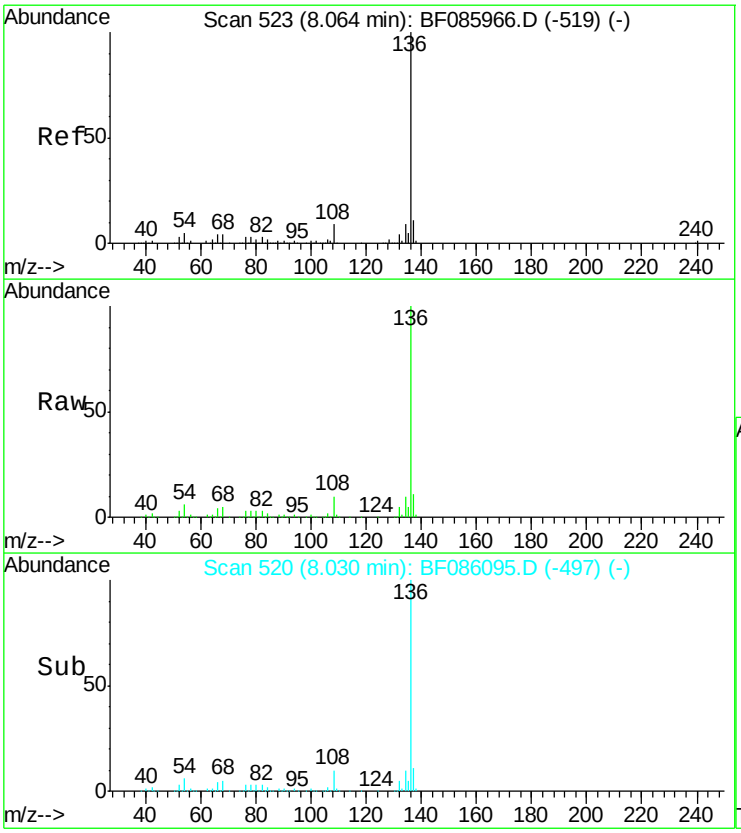
#19
n-Nitroso-di-n-propylamine
Concen: 10.55 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.11 min
Lab File: BF086095.D
Acq: 6 Apr 2016 13:38

Instrument :
BNA_F
ClientSampleId :
PB89567BL

Tgt Ion: 70 Resp: 76254

Ion	Ratio	Lower	Upper
70	100		
42	40.5	37.1	55.7
101	0.0	8.6	12.8#
130	2.2	19.6	29.4#

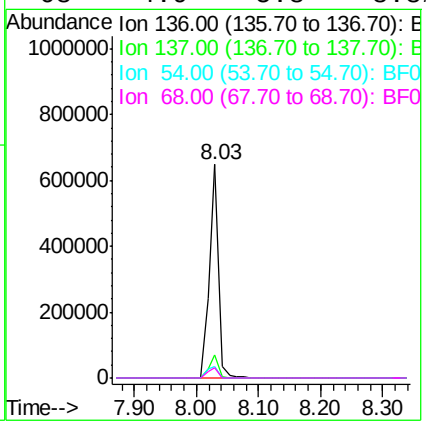


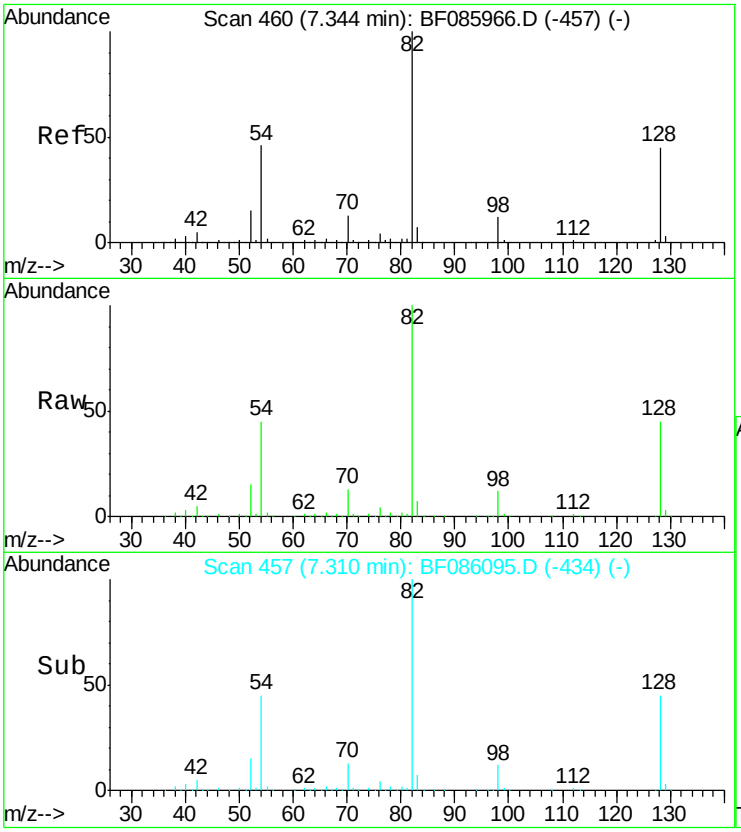


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF086095.D
Acq: 6 Apr 2016 13:38

Tgt Ion:136 Resp: 650704

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	5.6	7.4	11.0#
68	4.9	5.8	8.8#



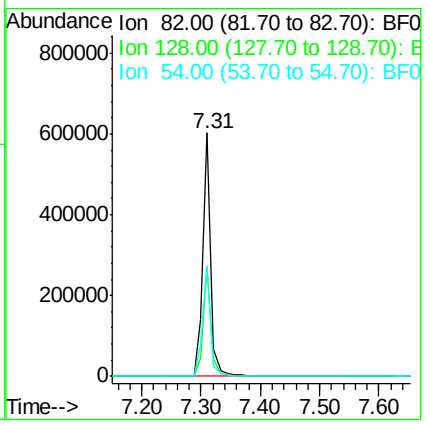


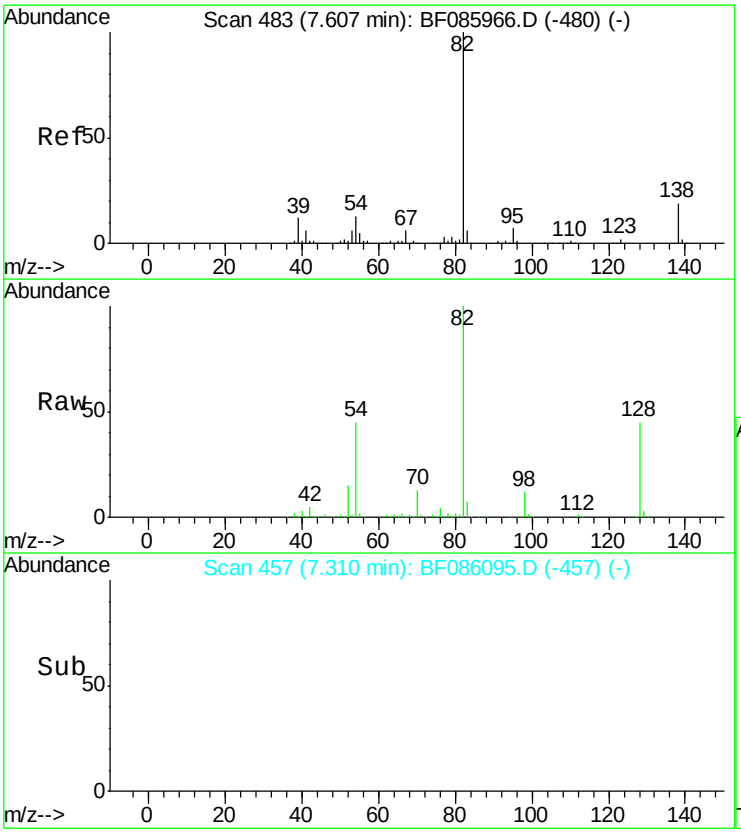
#23
Nitrobenzene-d5
Concen: 52.71 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF086095.D
Acq: 6 Apr 2016 13:38

Instrument :
BNA_F
ClientSampleId :
PB89567BL

Tgt Ion: 82 Resp: 581591

Ion	Ratio	Lower	Upper
82	100		
128	45.0	41.8	62.8
54	45.5	33.4	50.0

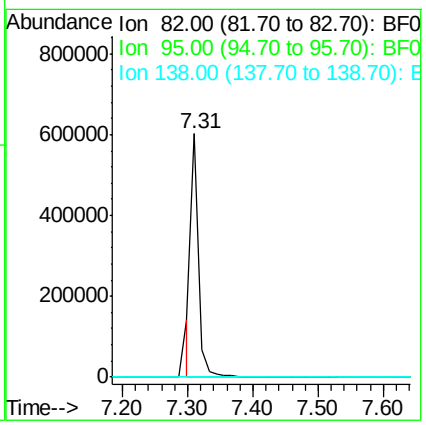


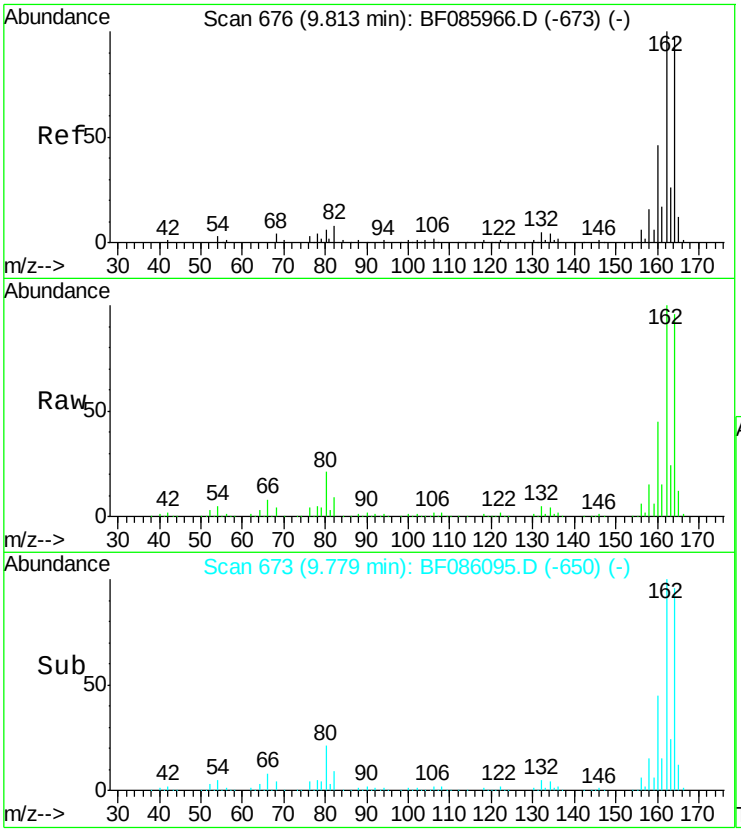


#25
Isophorone
Concen: 22.25 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.30 min
Lab File: BF086095.D
Acq: 6 Apr 2016 13:38

Tgt Ion: 82 Resp: 484711

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	12.9	19.3#



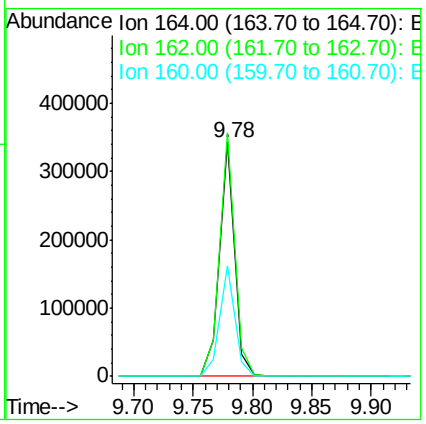


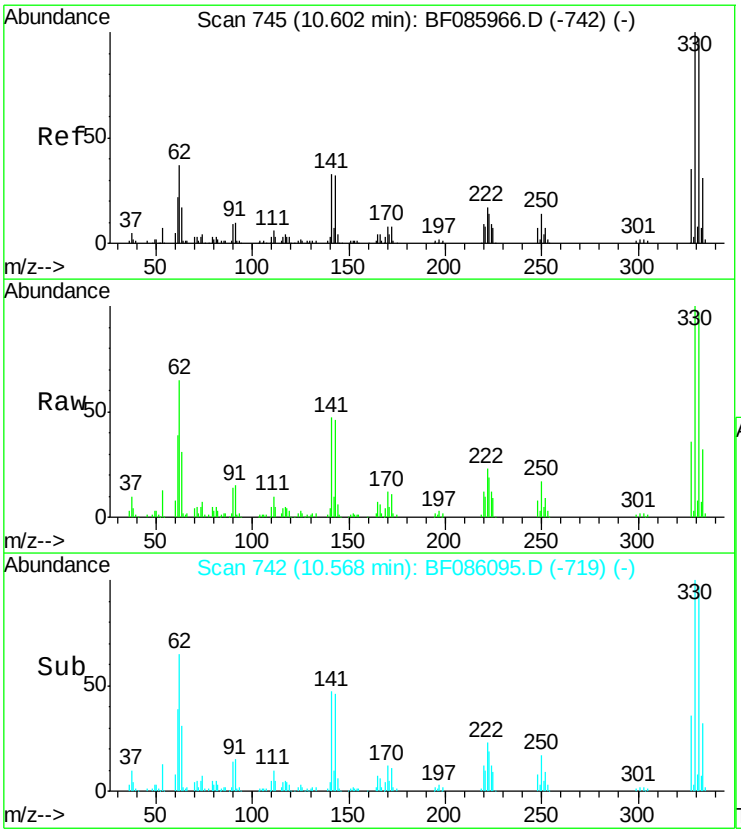
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.03 min
Lab File: BF086095.D
Acq: 6 Apr 2016 13:38

Instrument :
BNA_F
ClientSampleId :
PB89567BL

Tgt Ion:164 Resp: 297668

Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.1	123.1
160	47.3	37.4	56.2

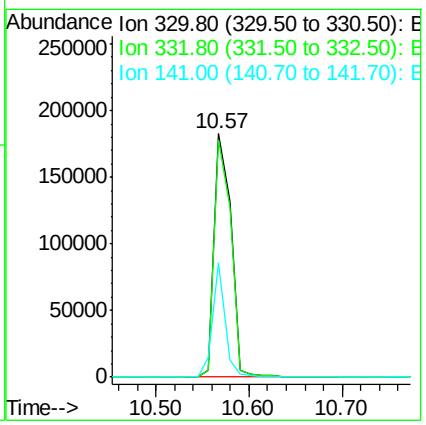


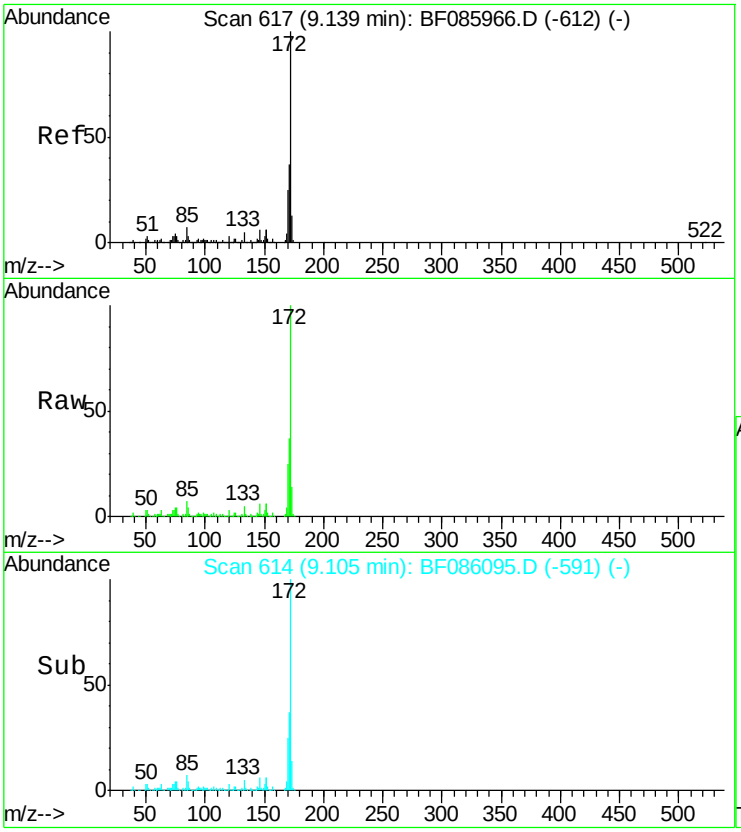


#41
2,4,6-Tribromophenol
Concen: 81.58 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.03 min
Lab File: BF086095.D
Acq: 6 Apr 2016 13:38

Tgt Ion:330 Resp: 227922

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.2	117.2
141	35.4	31.5	47.3



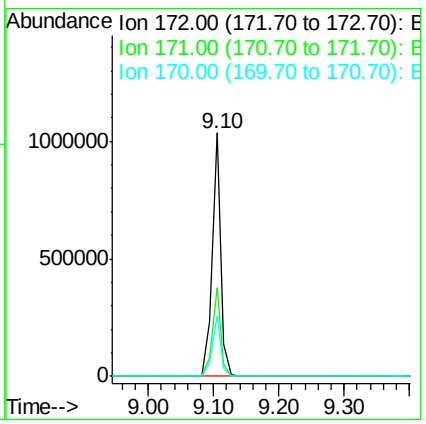


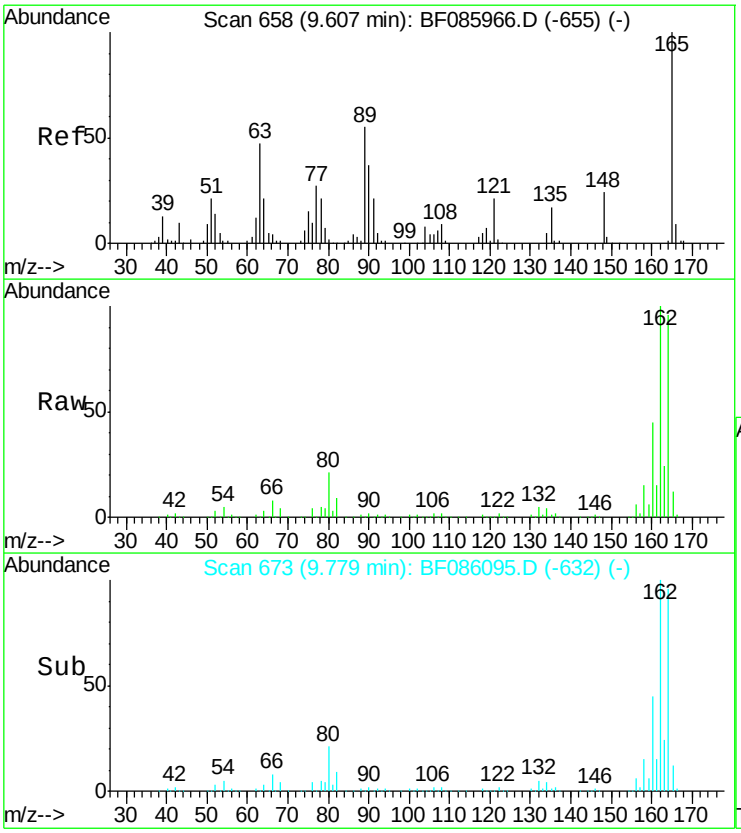
#44
2-Fluorobiphenyl
Concen: 54.55 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.03 min
Lab File: BF086095.D
Acq: 6 Apr 2016 13:38

Instrument :
BNA_F
ClientSampleId :
PB89567BL

Tgt Ion:172 Resp: 976595

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.2
170	25.0	19.8	29.6

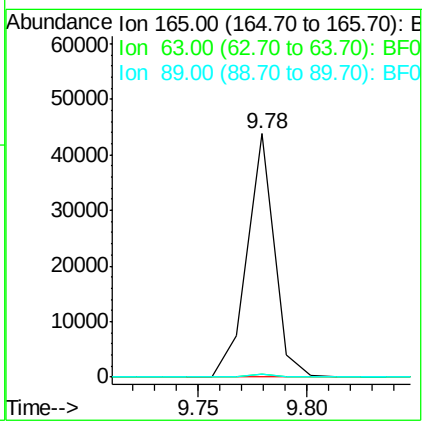


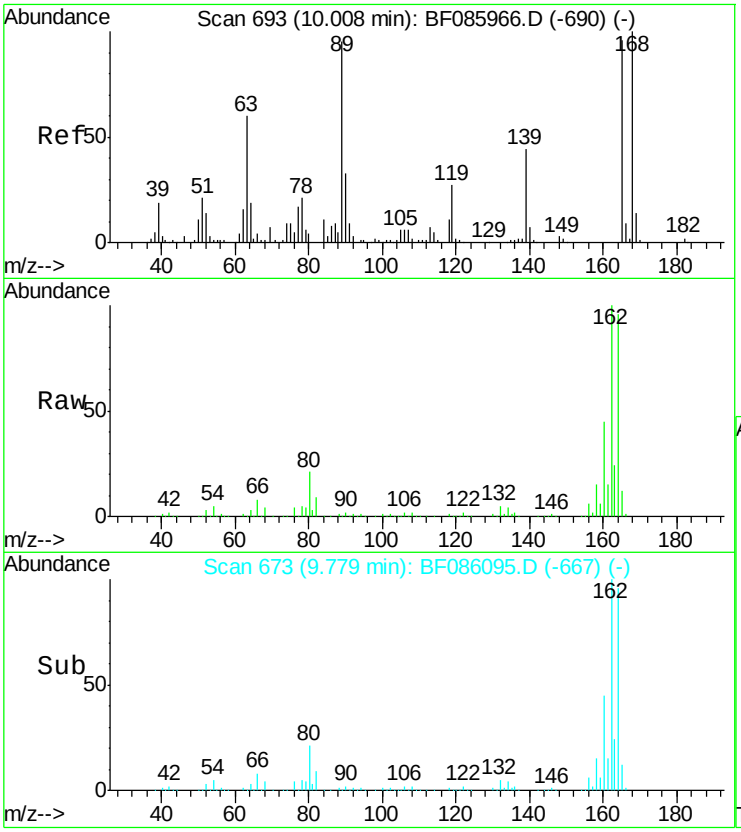


#50
2,6-Dinitrotoluene
Concen: 8.18 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.17 min
Lab File: BF086095.D
Acq: 6 Apr 2016 13:38

Tgt Ion:165 Resp: 38198

Ion	Ratio	Lower	Upper
165	100		
63	1.2	51.8	77.8#
89	1.4	53.7	80.5#



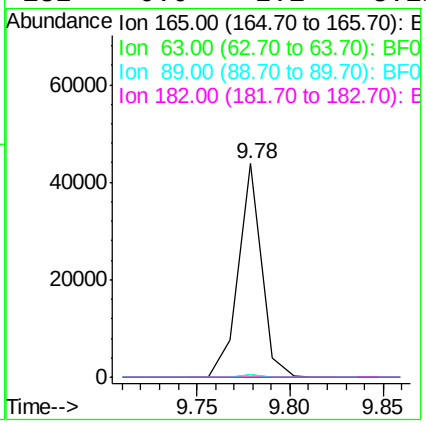


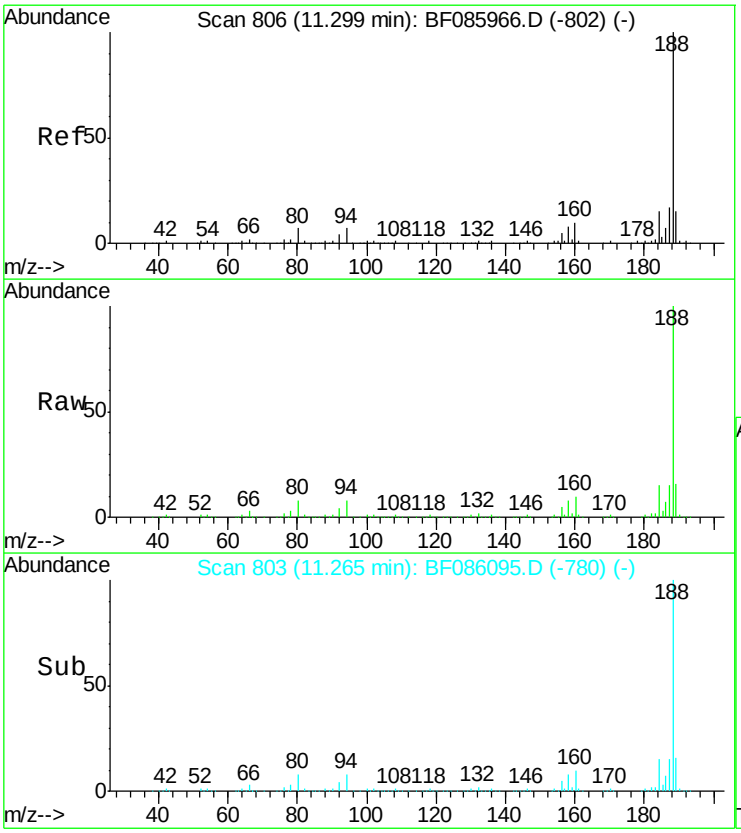
#56
2,4-Dinitrotoluene
Concen: 6.47 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.23 min
Lab File: BF086095.D
Acq: 6 Apr 2016 13:38

Instrument :
BNA_F
ClientSampleId :
PB89567BL

Tgt Ion:165 Resp: 38192

Ion	Ratio	Lower	Upper
165	100		
63	1.2	24.9	37.3#
89	1.4	41.0	61.6#
182	0.0	2.1	3.1#

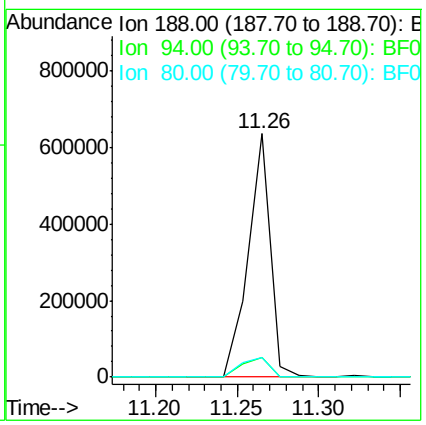


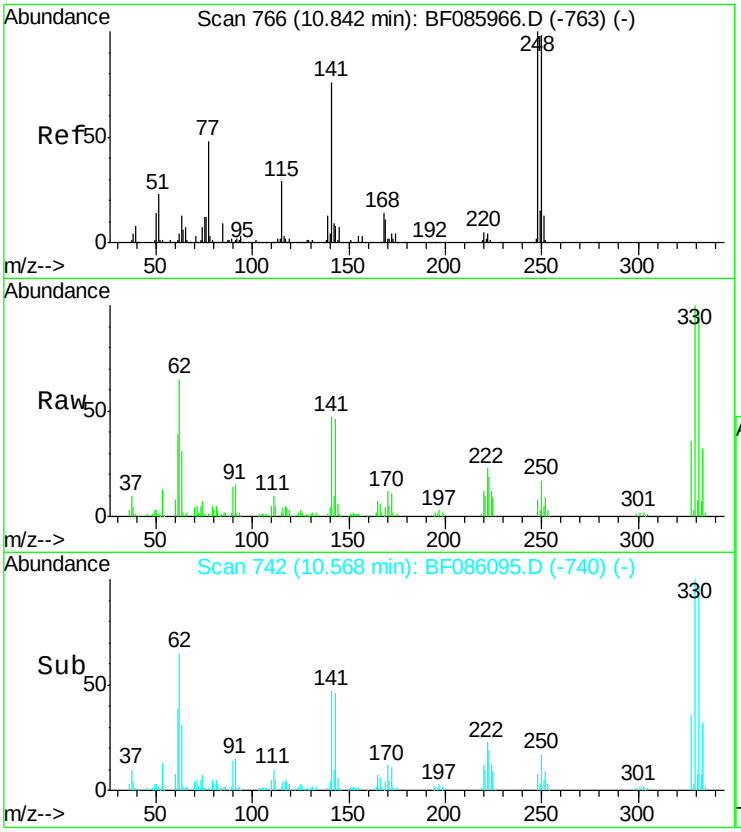


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF086095.D
Acq: 6 Apr 2016 13:38

Tgt Ion:188 Resp: 595648

Ion	Ratio	Lower	Upper
188	100		
94	8.3	5.4	8.0#
80	8.3	5.5	8.3#



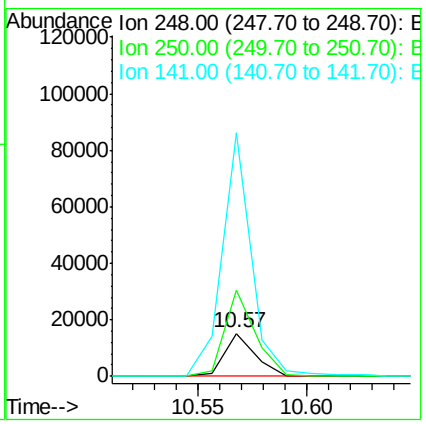


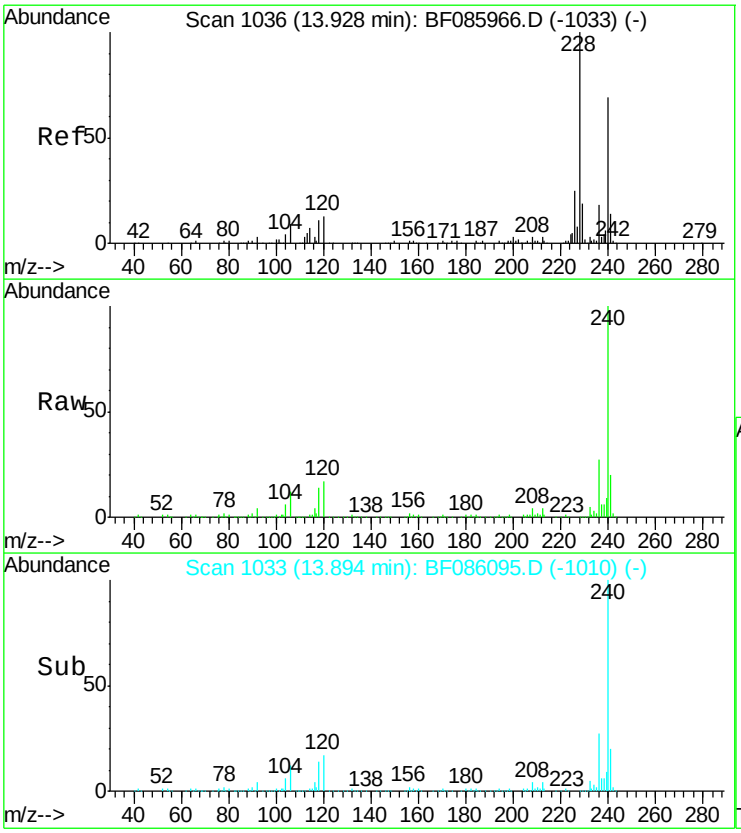
#66
4-Bromophenyl-phenylether
Concen: 2.41 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.27 min
Lab File: BF086095.D
Acq: 6 Apr 2016 13:38

Instrument :
BNA_F
ClientSampleId :
PB89567BL

Tgt Ion:248 Resp: 14663

Ion	Ratio	Lower	Upper
248	100		
250	200.8	77.4	116.0#
141	569.2	63.6	95.4#

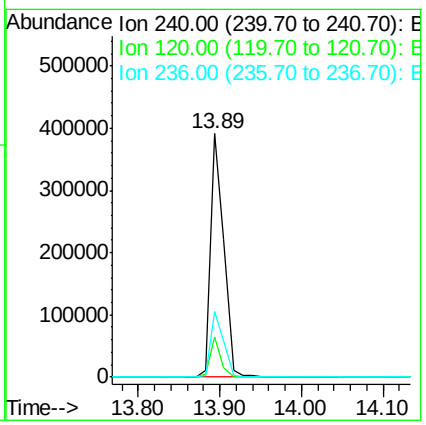


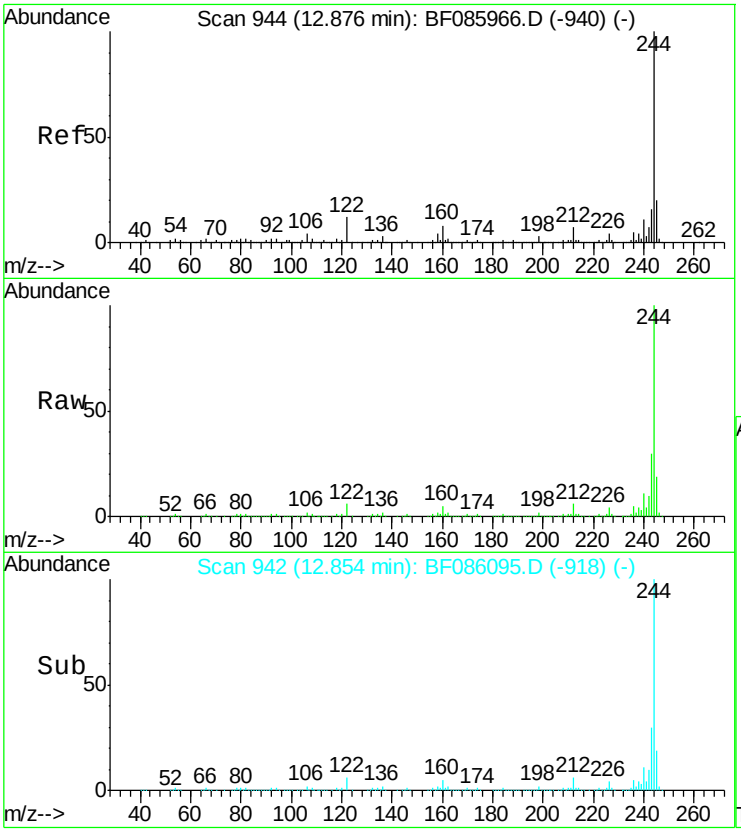


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.03 min
Lab File: BF086095.D
Acq: 6 Apr 2016 13:38

Tgt Ion:240 Resp: 442209

Ion	Ratio	Lower	Upper
240	100		
120	16.6	13.8	20.8
236	27.1	20.6	30.8



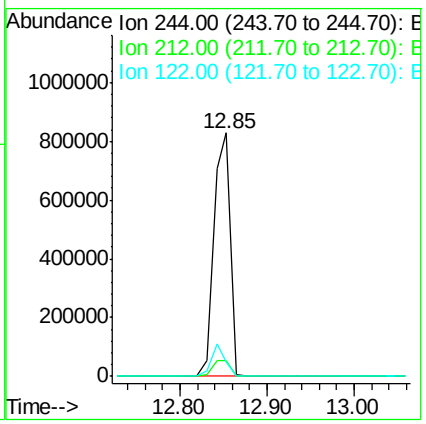


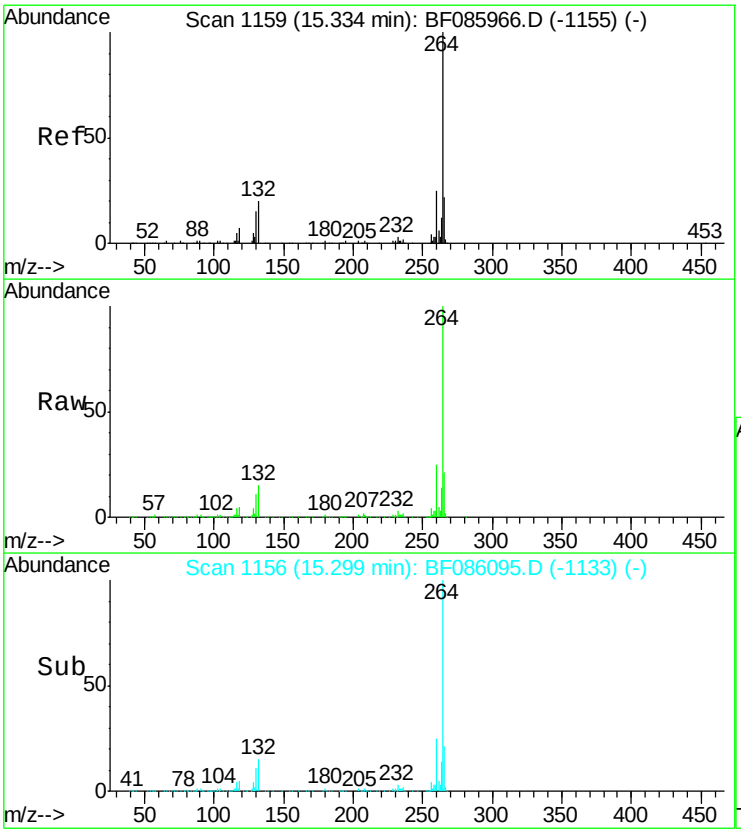
#78
Terphenyl-d14
Concen: 58.47 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF086095.D
Acq: 6 Apr 2016 13:38

Instrument :
BNA_F
ClientSampleId :
PB89567BL

Tgt Ion:244 Resp: 1099905

Ion	Ratio	Lower	Upper
244	100		
212	6.2	6.1	9.1
122	6.1	10.2	15.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF086095.D
Acq: 6 Apr 2016 13:38

Tgt Ion:264 Resp: 351531

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.3	17.2	25.8