Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
Data File : BF086341.D
Acq On : 21 Apr 2016 6:43
Operator : UM/SJ
Sample : H2617-05
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-931WB(N)(19)

Quant Time: Apr 21 07:22:29 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 15:45:26 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	200608	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	741555	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	274579	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	478097	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	360386	20.00	ng	-0.03
86) Perylene-d12	15.46	264	237651	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1476849	128.45	ng	0.00
7) Phenol-d6	6.51	99	1880737	125.00	ng	-0.01
23) Nitrobenzene-d5	7.44	82	1256583	97.05	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	312080	145.82	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	1676786	130.69	ng	-0.03
78) Terphenyl-d14	12.98	244	1420520	93.83	ng	-0.02
Target Compounds						Qvalue
15) Benzyl Alcohol	7.02	79	21237	2.27	ng	# 44
19) n-Nitroso-di-n-propylamine	7.44	70	162684	17.85	ng	# 76
31) Naphthalene	8.17	128	72838	2.06	ng	97
50) 2,6-Dinitrotoluene	9.90	165	33356	7.75	ng	# 32
56) 2,4-Dinitrotoluene	9.90	165	33993	6.36	ng	# 31
64) 4,6-Dinitro-2-methylphenol	10.69	198	527	6.36	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	18756	3.65	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
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Instrument :
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ClientSampleId :
B-931WB(N)(19)

Quant Time: Apr 21 07:22:29 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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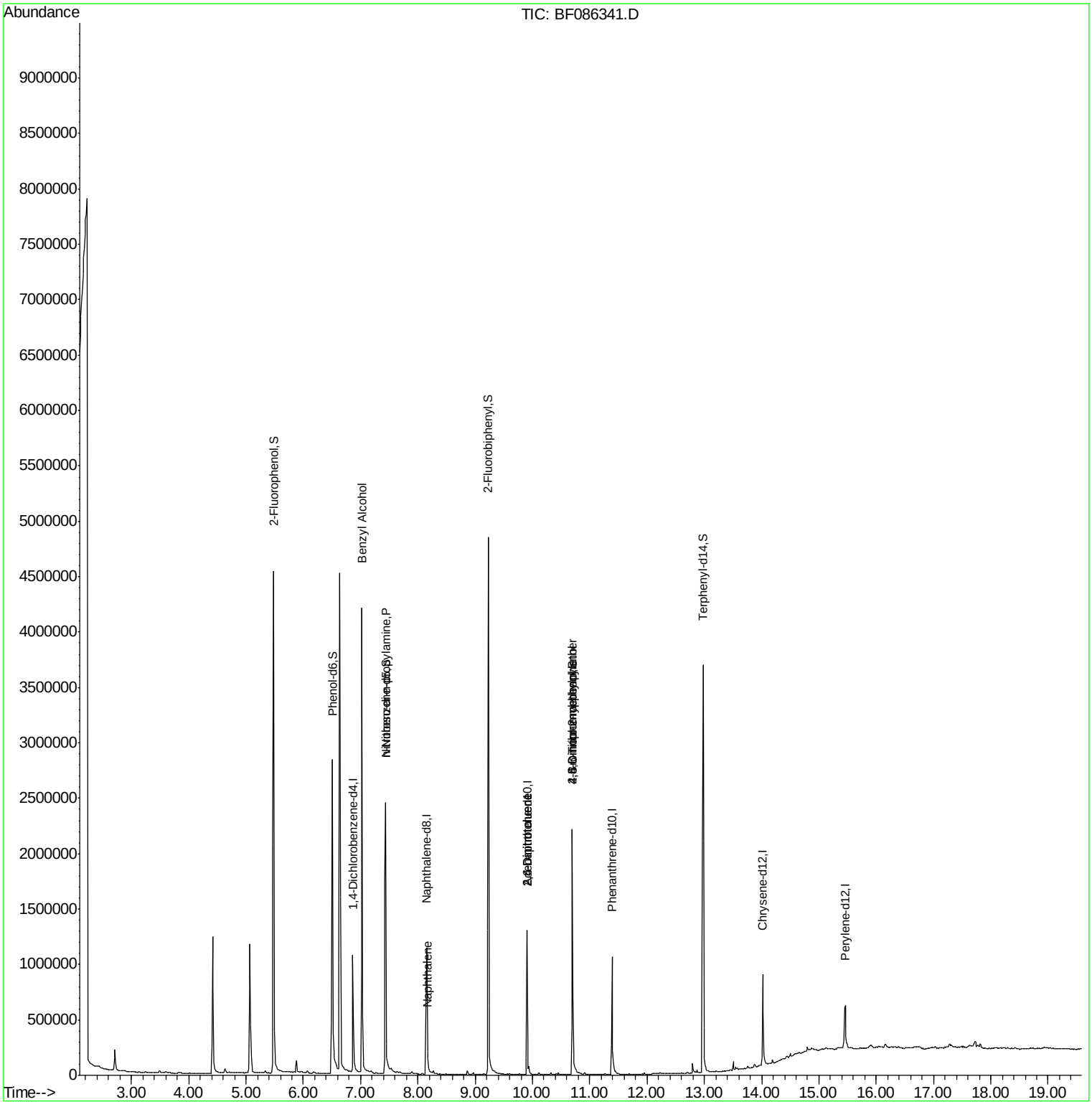
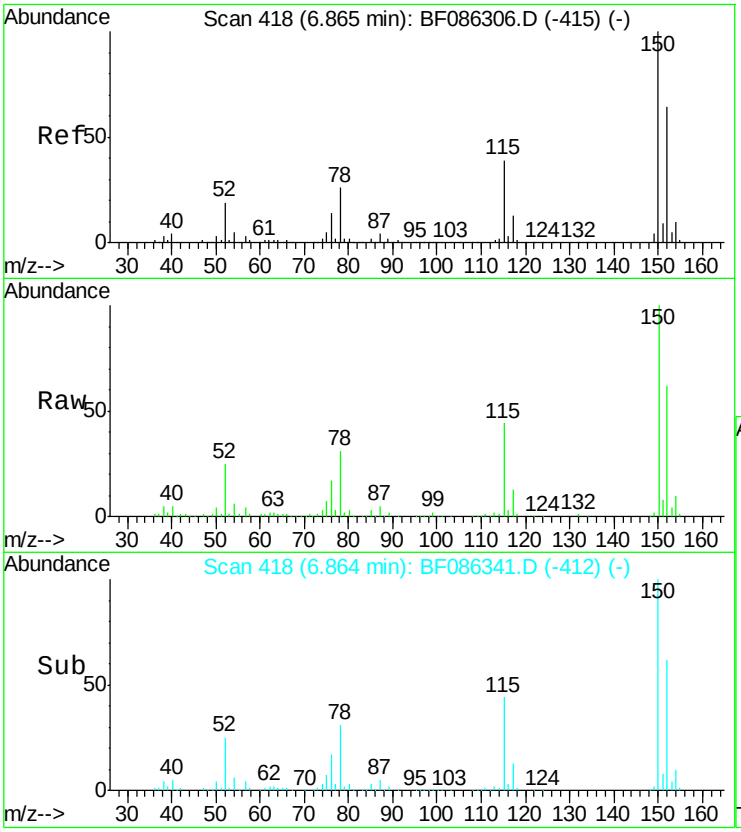


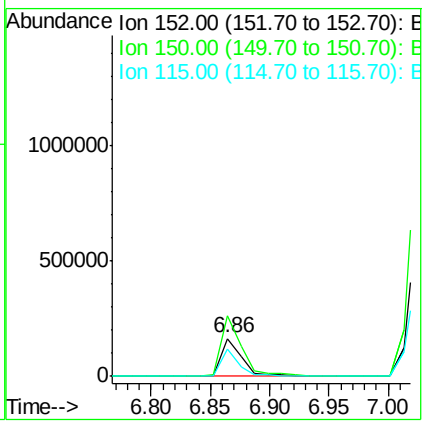


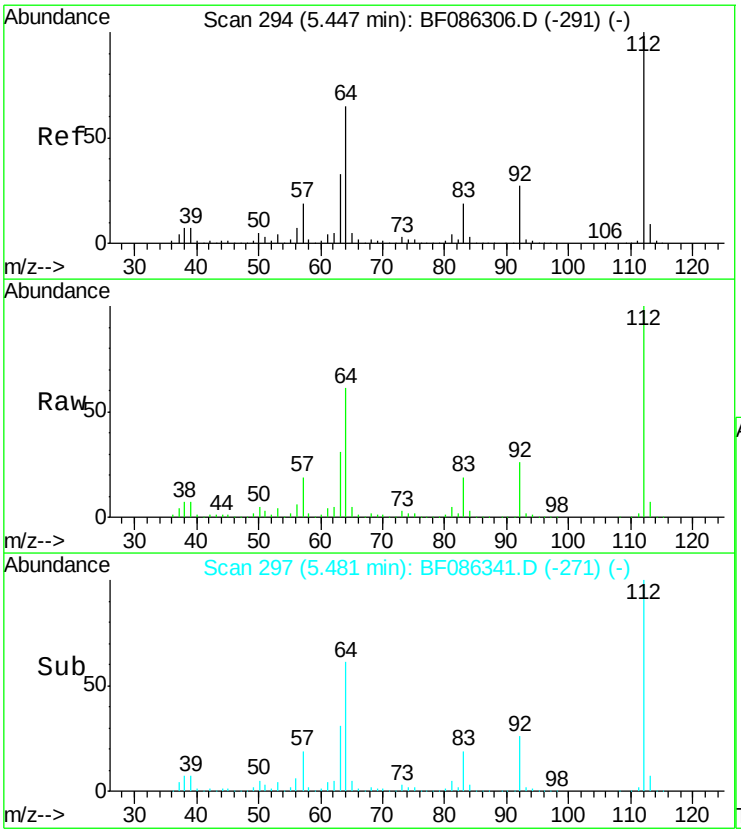
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF086341.D
Acq: 21 Apr 2016 6:43

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)

Tgt Ion:152 Resp: 200608

Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.1	186.1
115	70.7	43.9	65.9#

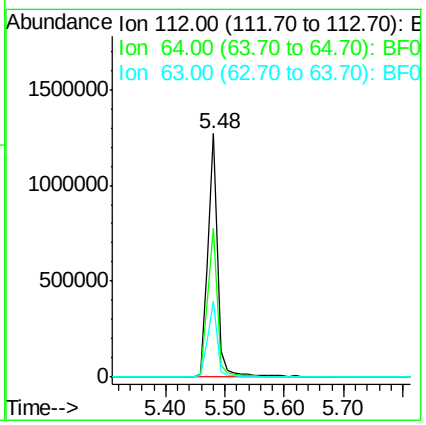


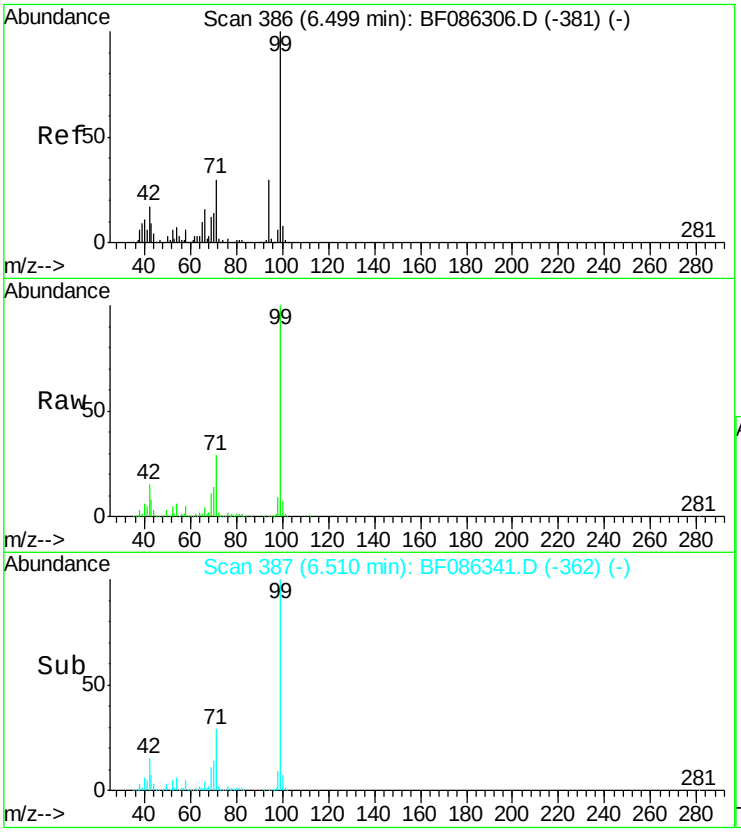


#5
2-Fluorophenol
Concen: 128.45 ng
RT: 5.48 min Scan# 297
Delta R.T. 0.00 min
Lab File: BF086341.D
Acq: 21 Apr 2016 6:43

Tgt Ion:112 Resp: 1476849

Ion	Ratio	Lower	Upper
112	100		
64	61.2	48.1	72.1
63	31.2	25.5	38.3



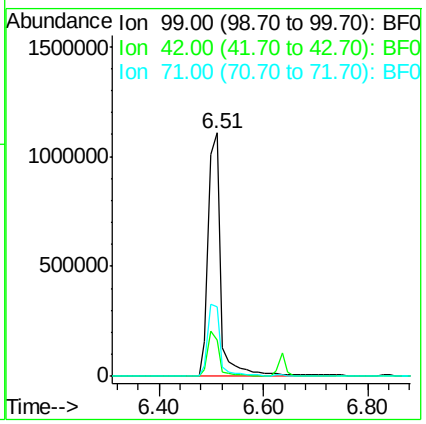


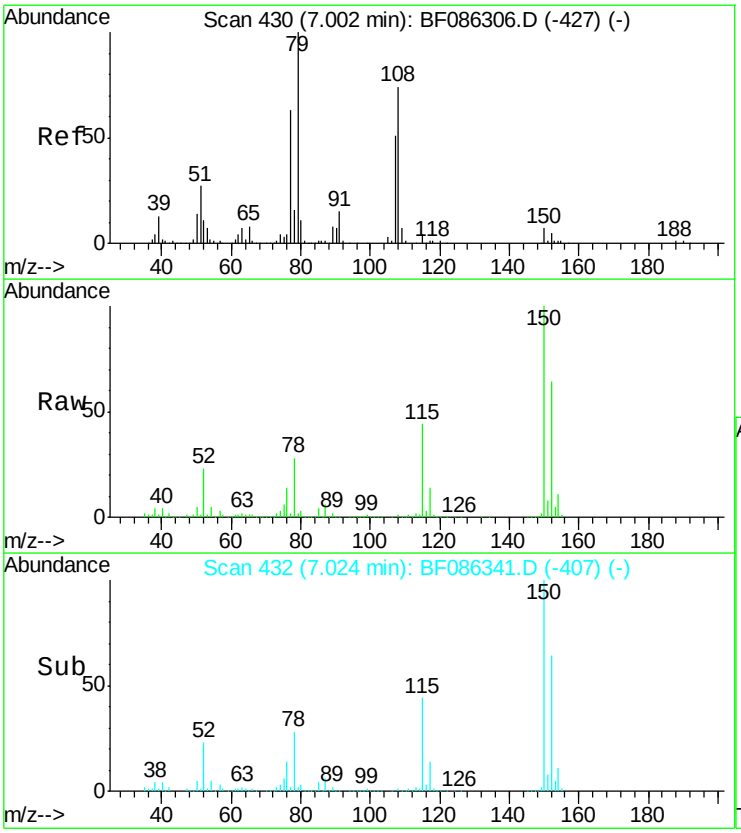
#7
Phenol-d6
Concen: 125.00 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF086341.D
Acq: 21 Apr 2016 6:43

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)

Tgt Ion: 99 Resp: 1880737

Ion	Ratio	Lower	Upper
99	100		
42	14.9	15.4	23.2#
71	28.7	25.6	38.4

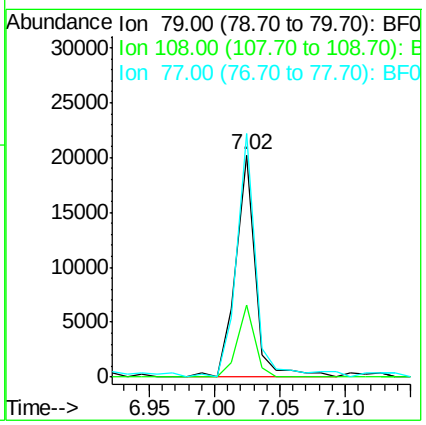


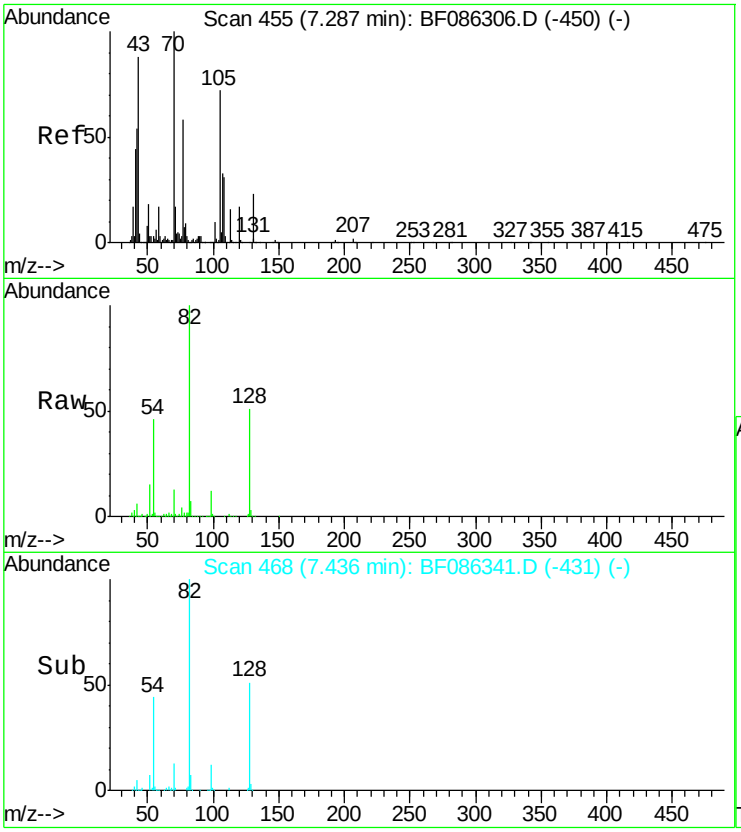


#15
Benzyl Alcohol
Concen: 2.27 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF086341.D
Acq: 21 Apr 2016 6:43

Tgt Ion: 79 Resp: 21237

Ion	Ratio	Lower	Upper
79	100		
108	32.4	64.8	97.2#
77	109.5	51.9	77.9#



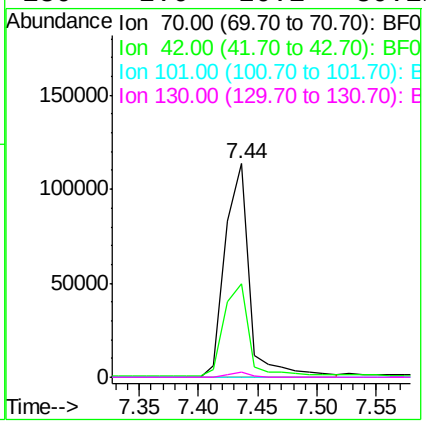


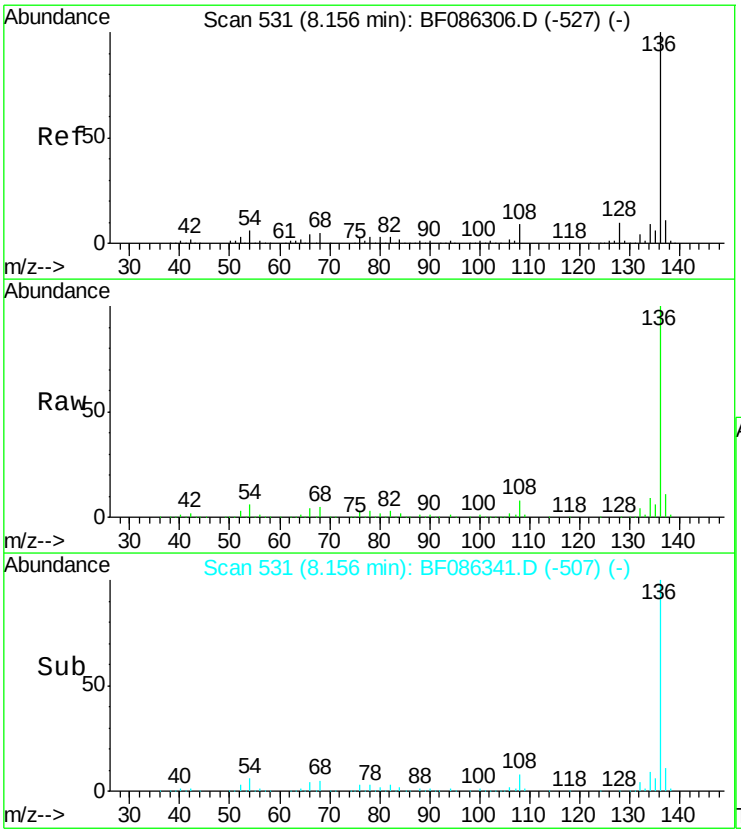
#19
n-Nitroso-di-n-propylamine
Concen: 17.85 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.13 min
Lab File: BF086341.D
Acq: 21 Apr 2016 6:43

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)

Tgt Ion: 70 Resp: 162684

Ion	Ratio	Lower	Upper
70	100		
42	43.5	43.0	64.4
101	0.0	8.1	12.1#
130	2.6	20.1	30.1#

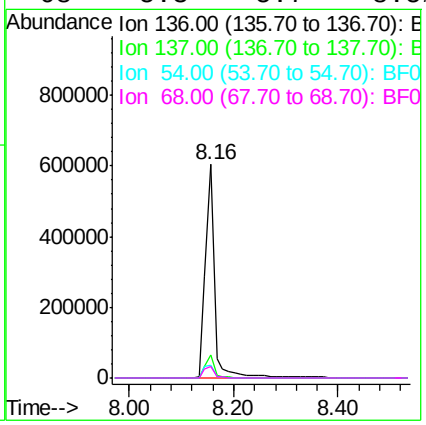


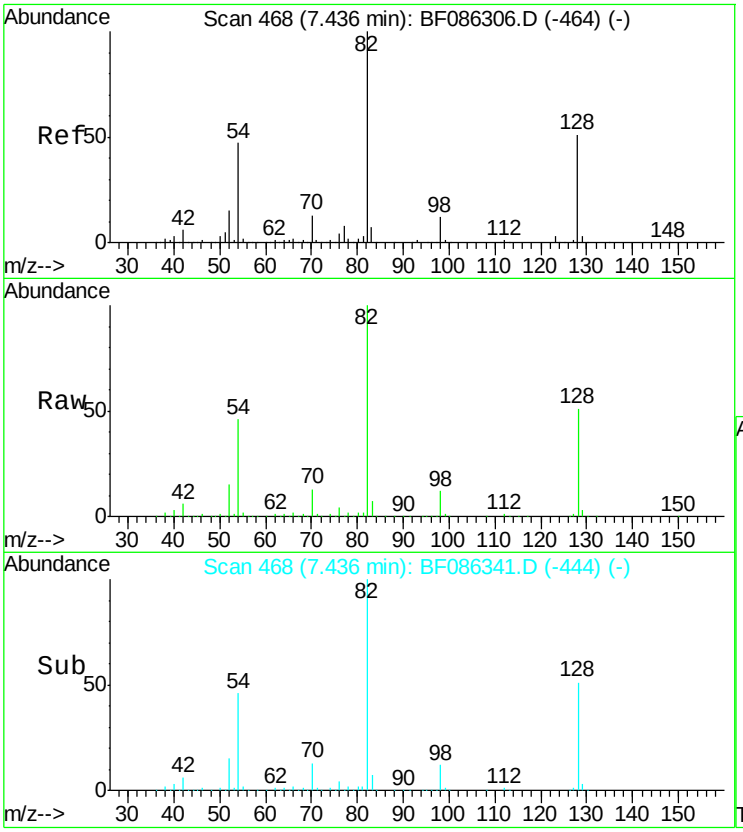


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF086341.D
Acq: 21 Apr 2016 6:43

Tgt Ion:136 Resp: 741555

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	6.0	7.3	10.9#
68	5.3	5.7	8.5#



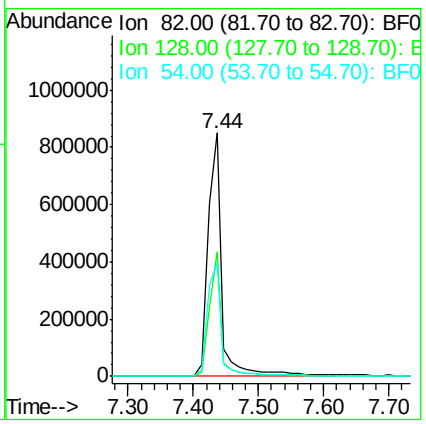


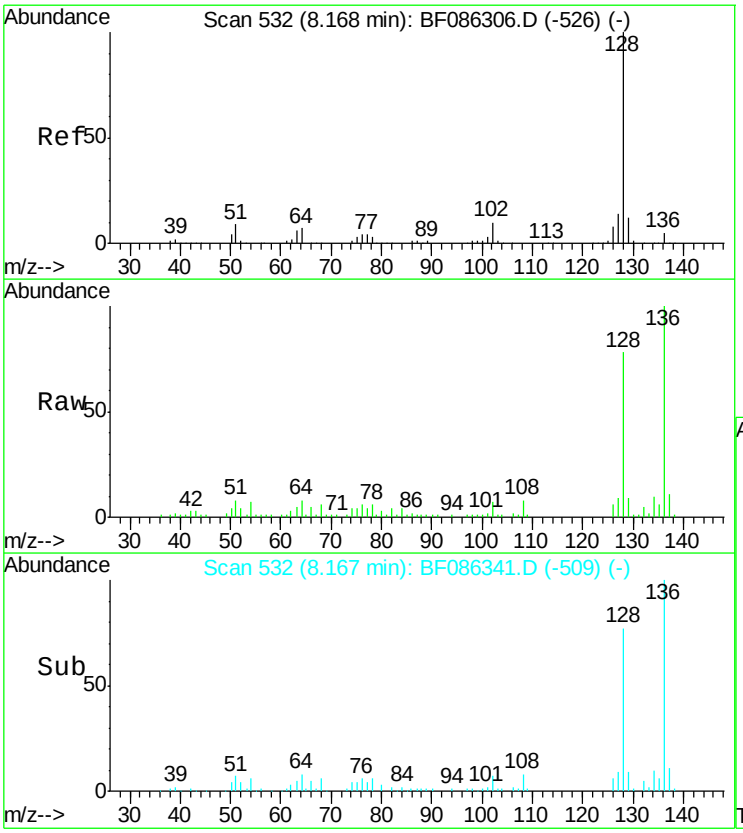
#23
Nitrobenzene-d5
Concen: 97.05 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF086341.D
Acq: 21 Apr 2016 6:43

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)

Tgt Ion: 82 Resp: 1256583

Ion	Ratio	Lower	Upper
82	100		
128	51.0	35.4	53.2
54	46.3	43.4	65.0

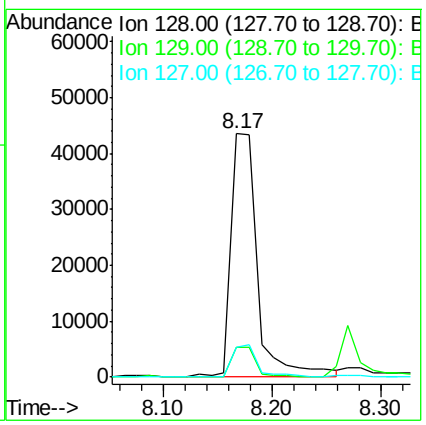


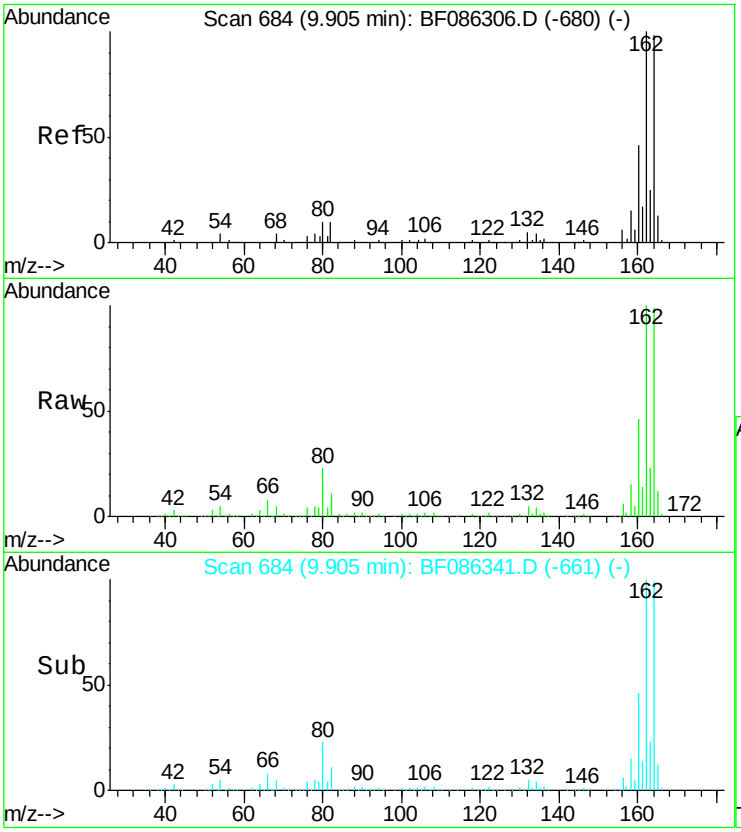


#31
Naphthalene
Concen: 2.06 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.03 min
Lab File: BF086341.D
Acq: 21 Apr 2016 6:43

Tgt Ion:128 Resp: 72838

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.6	14.4
127	12.1	11.4	17.2



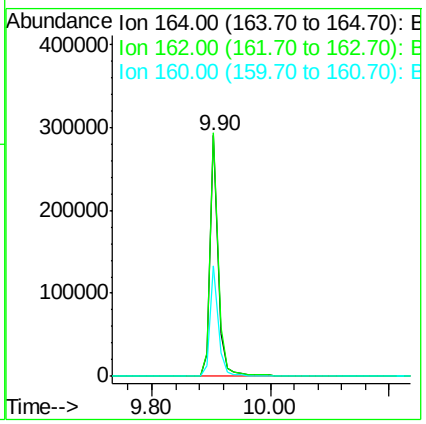


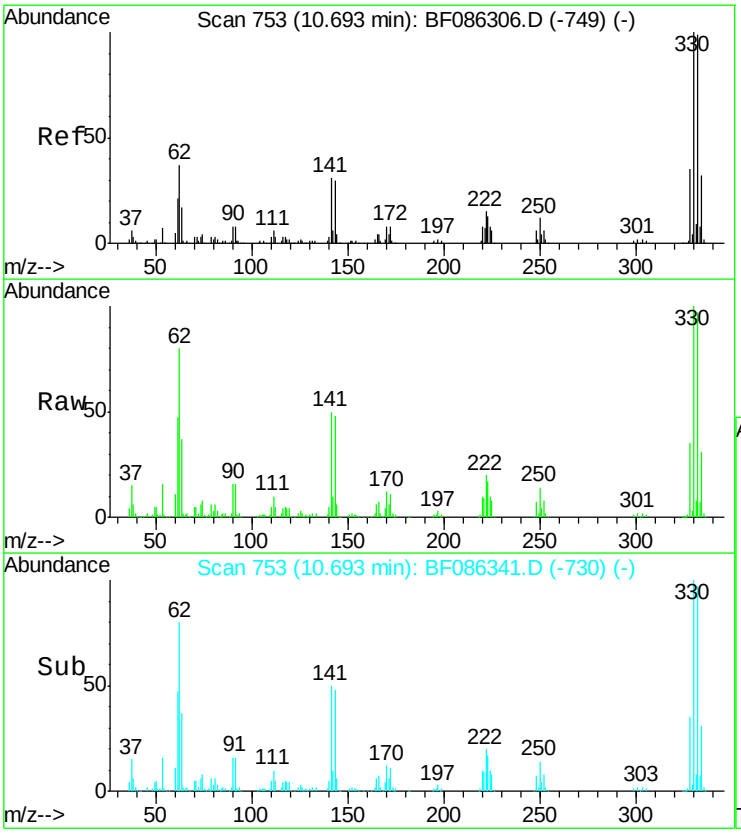
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF086341.D
Acq: 21 Apr 2016 6:43

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)

Tgt Ion:164 Resp: 274579

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.8	124.2
160	46.1	38.9	58.3

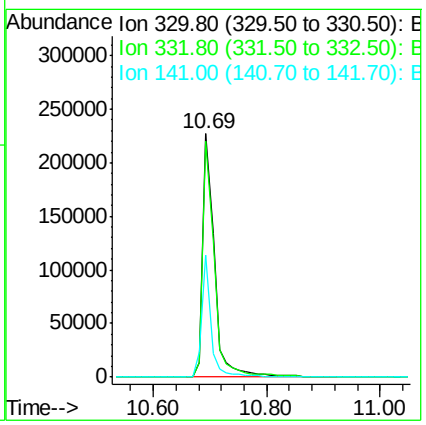


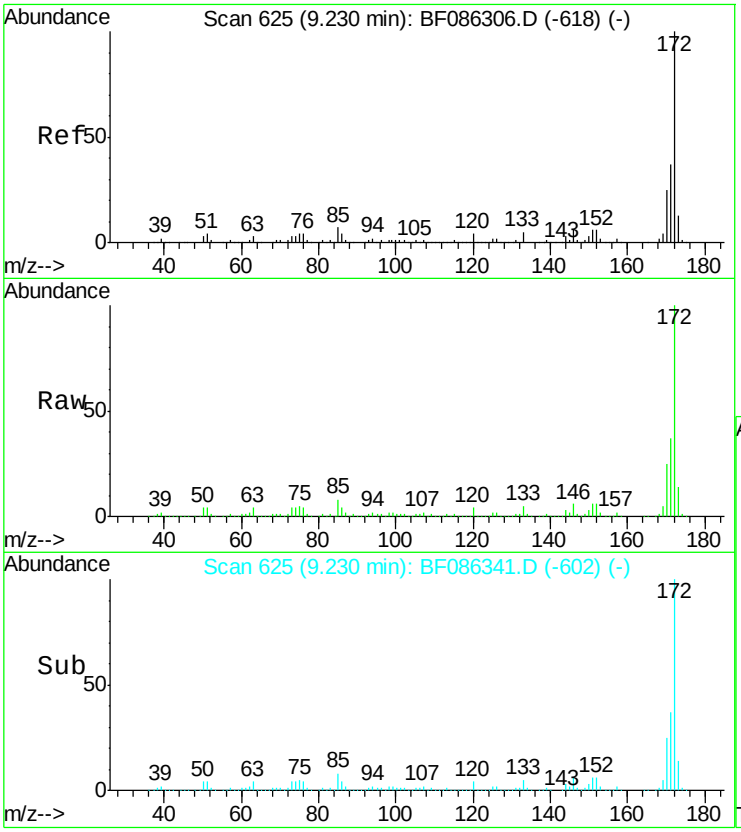


#41
2,4,6-Tribromophenol
Concen: 145.82 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.03 min
Lab File: BF086341.D
Acq: 21 Apr 2016 6:43

Tgt Ion:330 Resp: 312080

Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.7	118.1
141	40.7	28.6	42.8



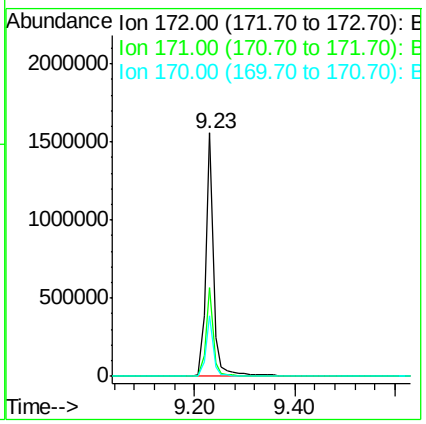


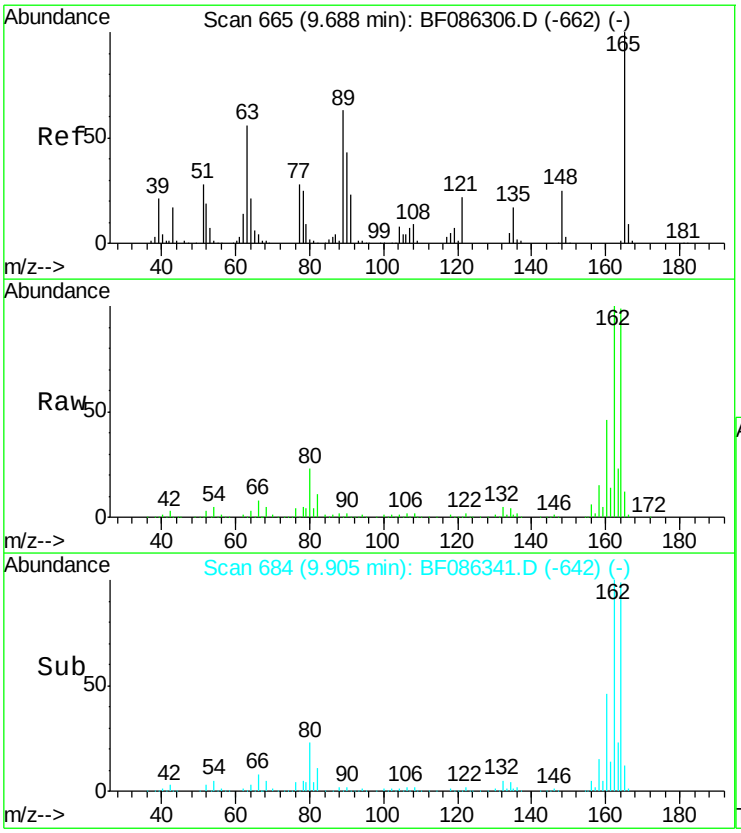
#44
2-Fluorobiphenyl
Concen: 130.69 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.03 min
Lab File: BF086341.D
Acq: 21 Apr 2016 6:43

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)

Tgt Ion:172 Resp: 1676786

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.1	43.7
170	24.8	19.9	29.9

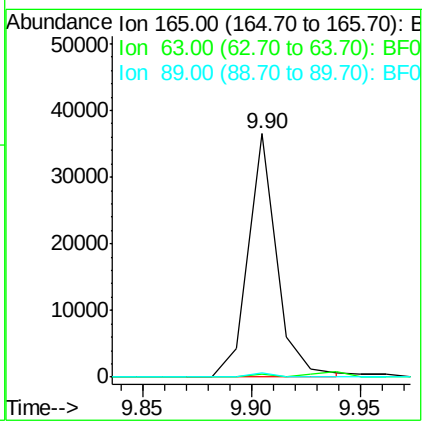


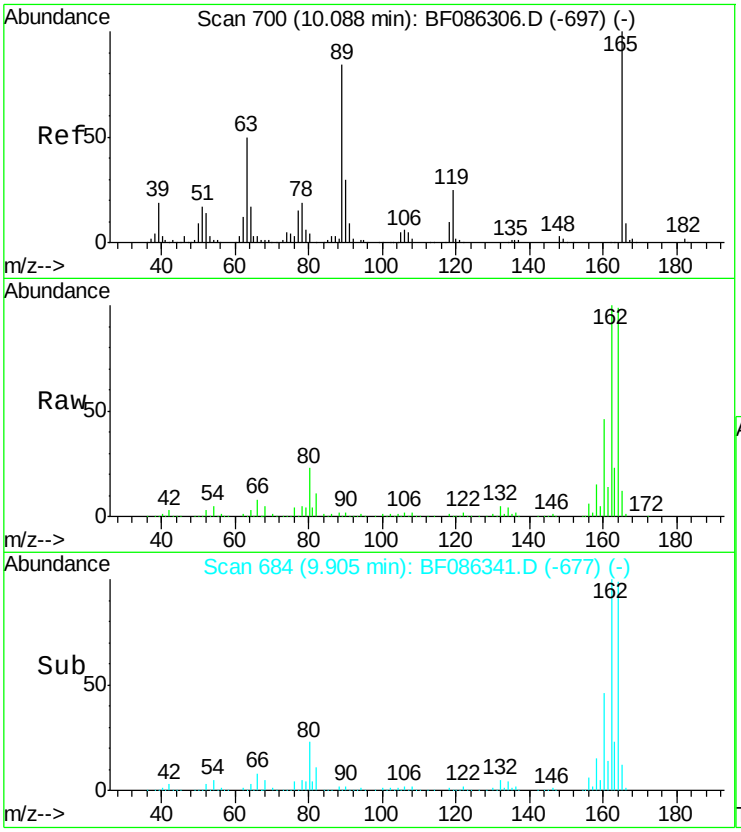


#50
2,6-Dinitrotoluene
Concen: 7.75 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.18 min
Lab File: BF086341.D
Acq: 21 Apr 2016 6:43

Tgt Ion:165 Resp: 33356

Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.1	52.7#
89	2.0	39.8	59.6#



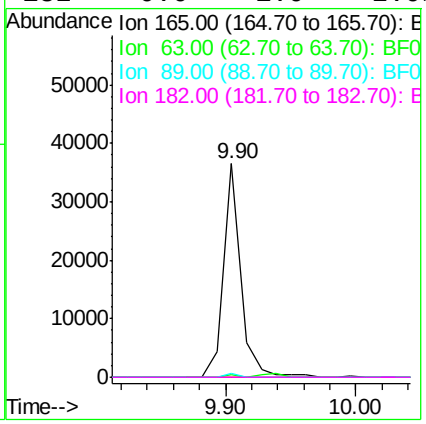


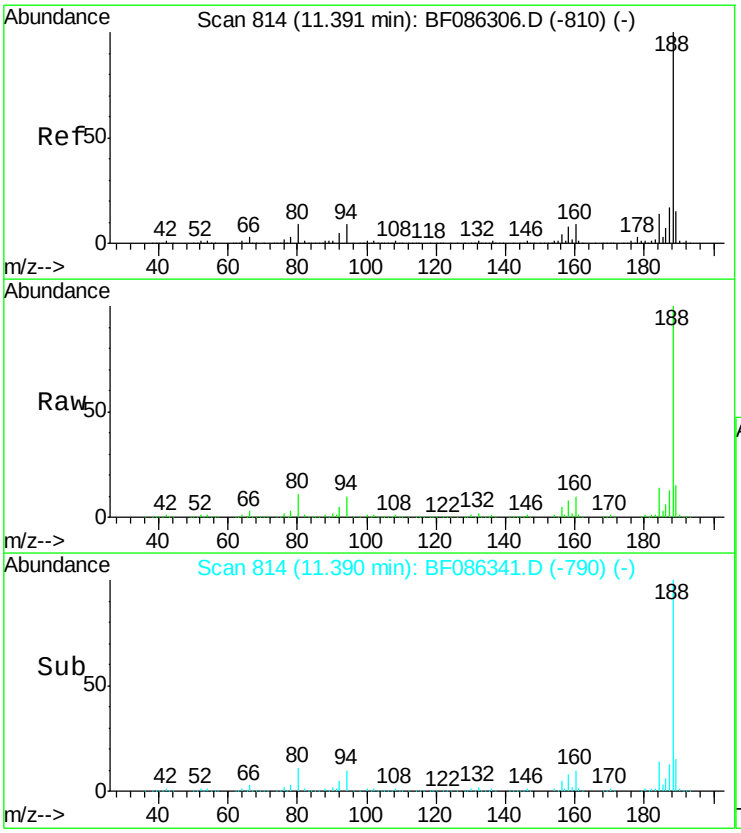
#56
2,4-Dinitrotoluene
Concen: 6.36 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.22 min
Lab File: BF086341.D
Acq: 21 Apr 2016 6:43

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)

Tgt Ion:165 Resp: 33993

Ion	Ratio	Lower	Upper
165	100		
63	1.1	26.6	40.0#
89	2.0	49.5	74.3#
182	0.0	1.9	2.9#

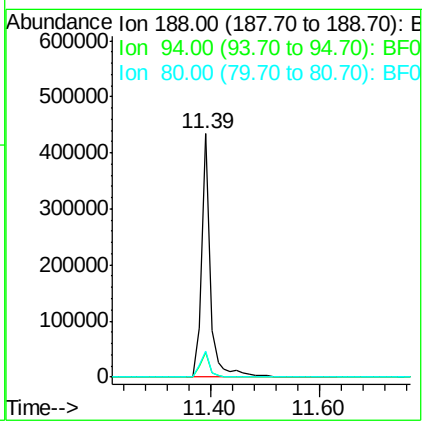


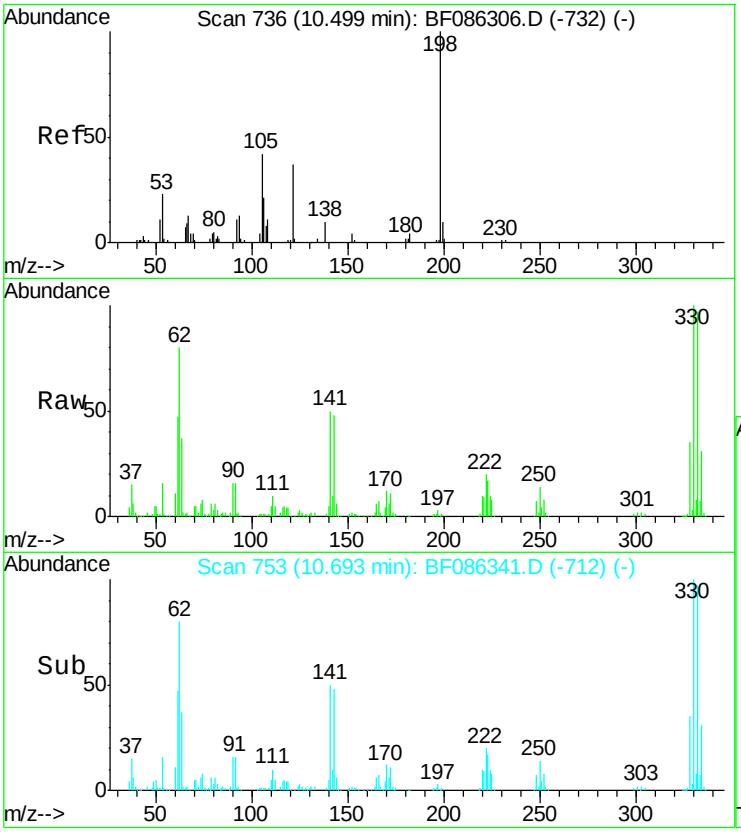


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF086341.D
Acq: 21 Apr 2016 6:43

Tgt Ion:188 Resp: 478097

Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.8	14.8
80	10.7	10.5	15.7



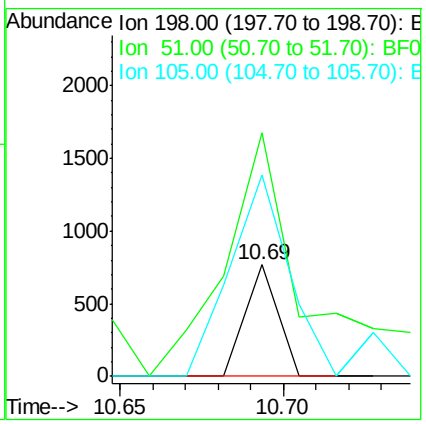


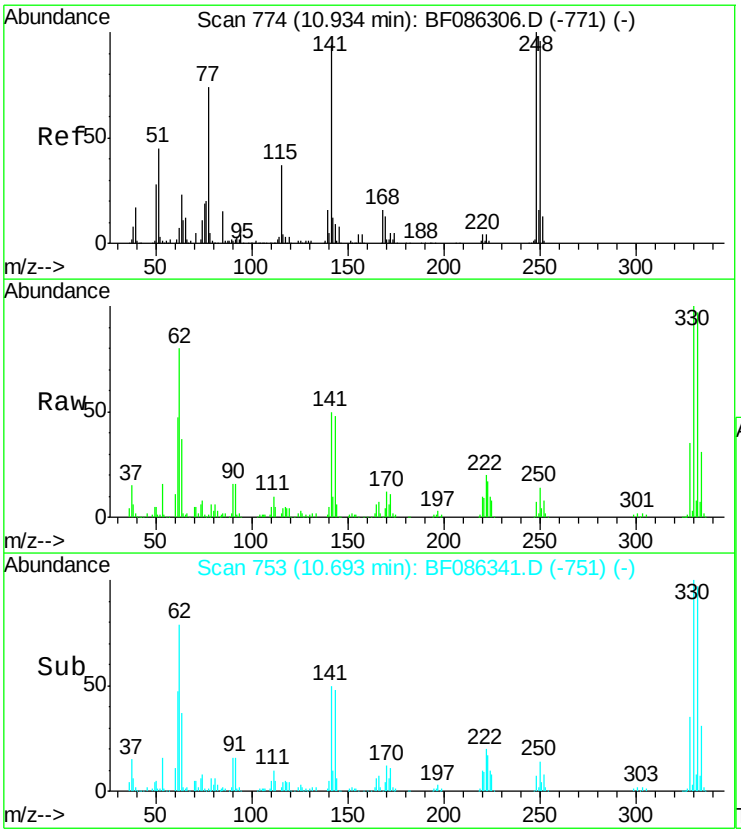
#64
4,6-Dinitro-2-methylphenol
Concen: 6.36 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.17 min
Lab File: BF086341.D
Acq: 21 Apr 2016 6:43

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)

Tgt Ion:198 Resp: 527

Ion	Ratio	Lower	Upper
198	100		
51	217.9	56.5	96.5#
105	180.4	48.0	88.0#

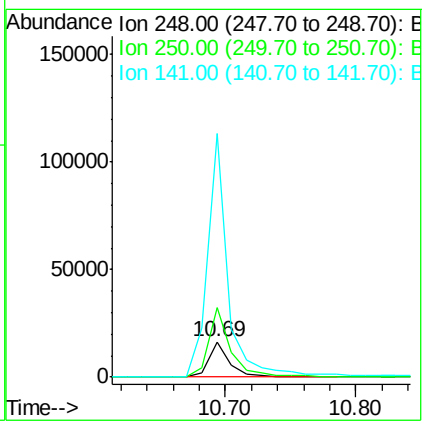


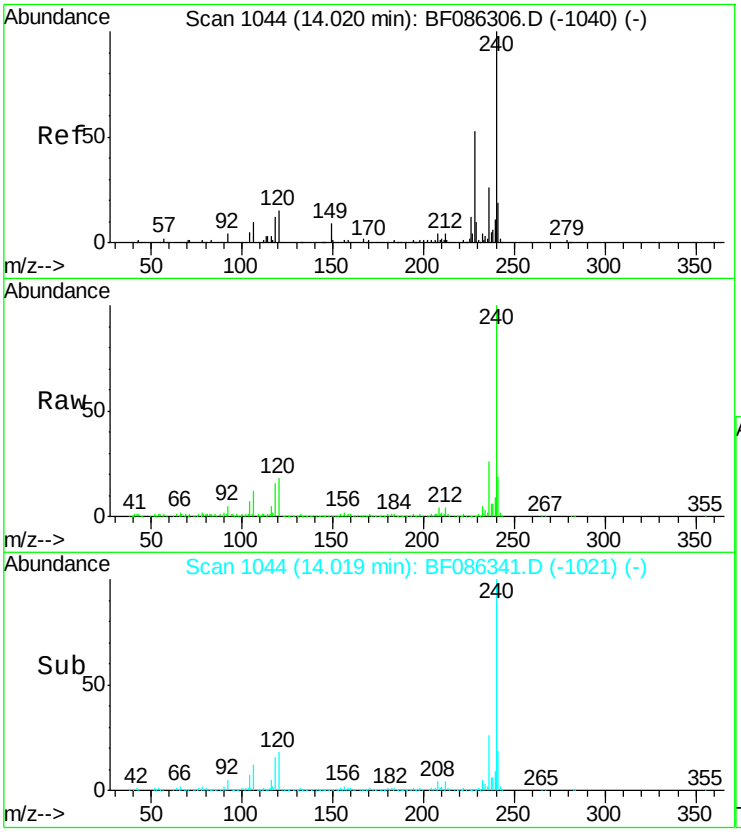


#66
4-Bromophenyl-phenylether
Concen: 3.65 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.27 min
Lab File: BF086341.D
Acq: 21 Apr 2016 6:43

Tgt Ion:248 Resp: 18756

Ion	Ratio	Lower	Upper
248	100		
250	197.9	78.6	118.0#
141	691.5	57.9	86.9#



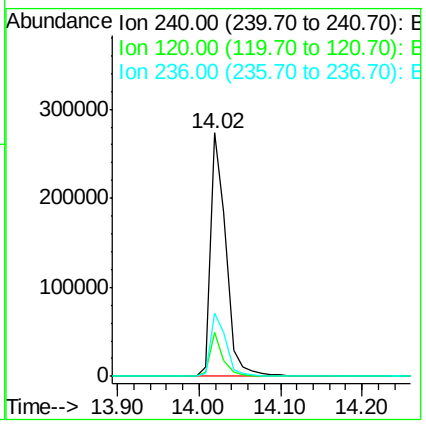


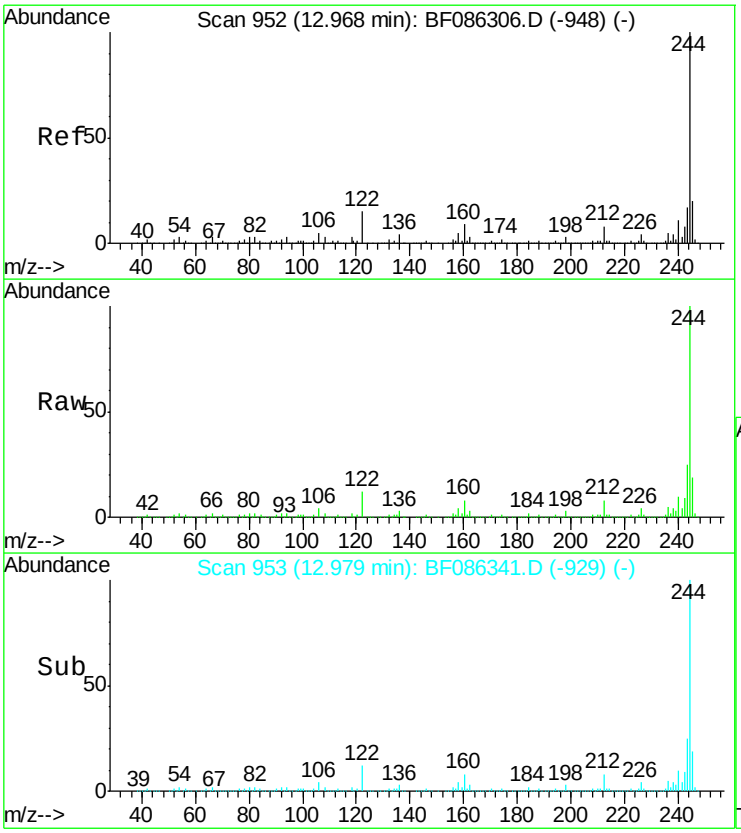
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF086341.D
Acq: 21 Apr 2016 6:43

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)

Tgt Ion:240 Resp: 360386

Ion	Ratio	Lower	Upper
240	100		
120	18.2	9.3	13.9#
236	25.9	21.1	31.7

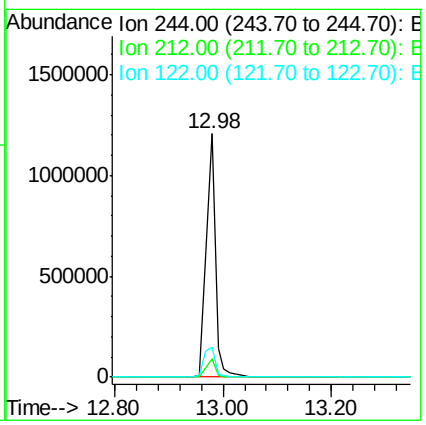


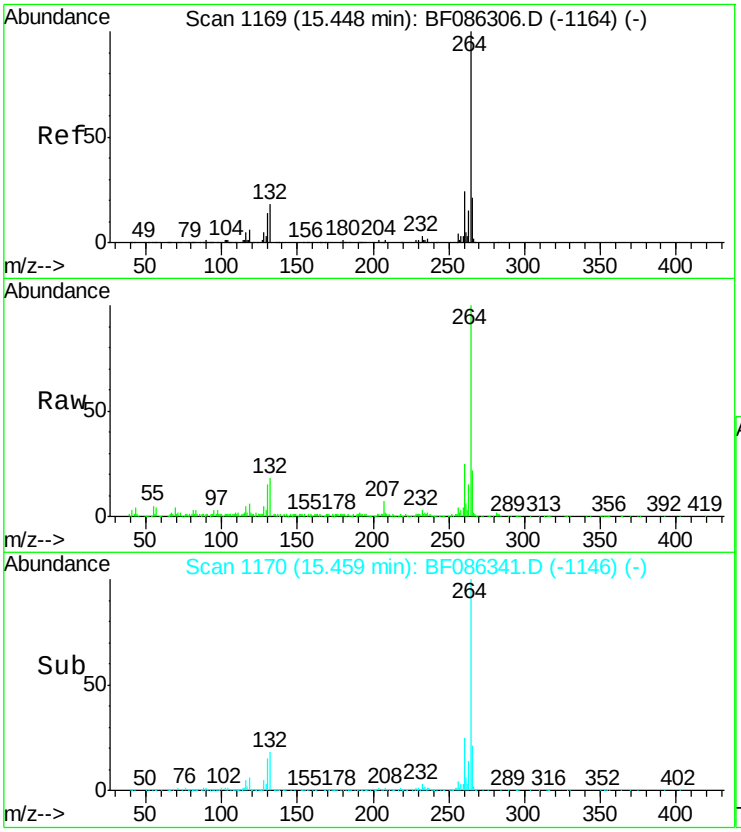


#78
Terphenyl-d14
Concen: 93.83 ng
RT: 12.98 min Scan# 953
Delta R.T. -0.02 min
Lab File: BF086341.D
Acq: 21 Apr 2016 6:43

Tgt Ion:244 Resp: 1420520

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	12.4	11.7	17.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF086341.D
Acq: 21 Apr 2016 6:43

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)

Tgt Ion:264 Resp: 237651

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.0	30.0
265	21.7	17.4	26.0