Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
Data File : BF086175.D
Acq On : 8 Apr 2016 18:31
Operator : UM/SJ
Sample : H2343-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4

Quant Time: Apr 08 23:21:19 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	6.73	152	120980	20.00	ng		-0.05
21) Naphthalene-d8	8.01	136	481069	20.00	ng		-0.06
38) Acenaphthene-d10	9.76	164	229111	20.00	ng		-0.06
63) Phenanthrene-d10	11.24	188	443960	20.00	ng		-0.06
75) Chrysene-d12	13.88	240	329232	20.00	ng		-0.05
86) Perylene-d12	15.28	264	228243	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	508784	71.88	ng		-0.05
7) Phenol-d6	6.37	99	445697	49.58	ng		-0.05
23) Nitrobenzene-d5	7.30	82	762278	93.44	ng		-0.05
41) 2,4,6-Tribromophenol	10.56	330	321040	149.29	ng		-0.05
44) 2-Fluorobiphenyl	9.09	172	1354381	98.29	ng		-0.05
78) Terphenyl-d14	12.83	244	1158009	82.68	ng		-0.05
Target Compounds							Qvalue
9) Benzaldehyde	6.50	77	17643	3.65	ng		92
19) n-Nitroso-di-n-propylamine	7.30	70	100965	18.12	ng	#	76
25) Isophorone	7.30	82	761559	47.29	ng	#	68
49) Dimethylphthalate	9.49	163	40127	2.36	ng		99
50) 2,6-Dinitrotoluene	9.76	165	28567	7.95	ng	#	19
56) 2,4-Dinitrotoluene	9.76	165	28568	6.29	ng	#	37
66) 4-Bromophenyl-phenylether	10.56	248	20903	4.61	ng	#	1

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

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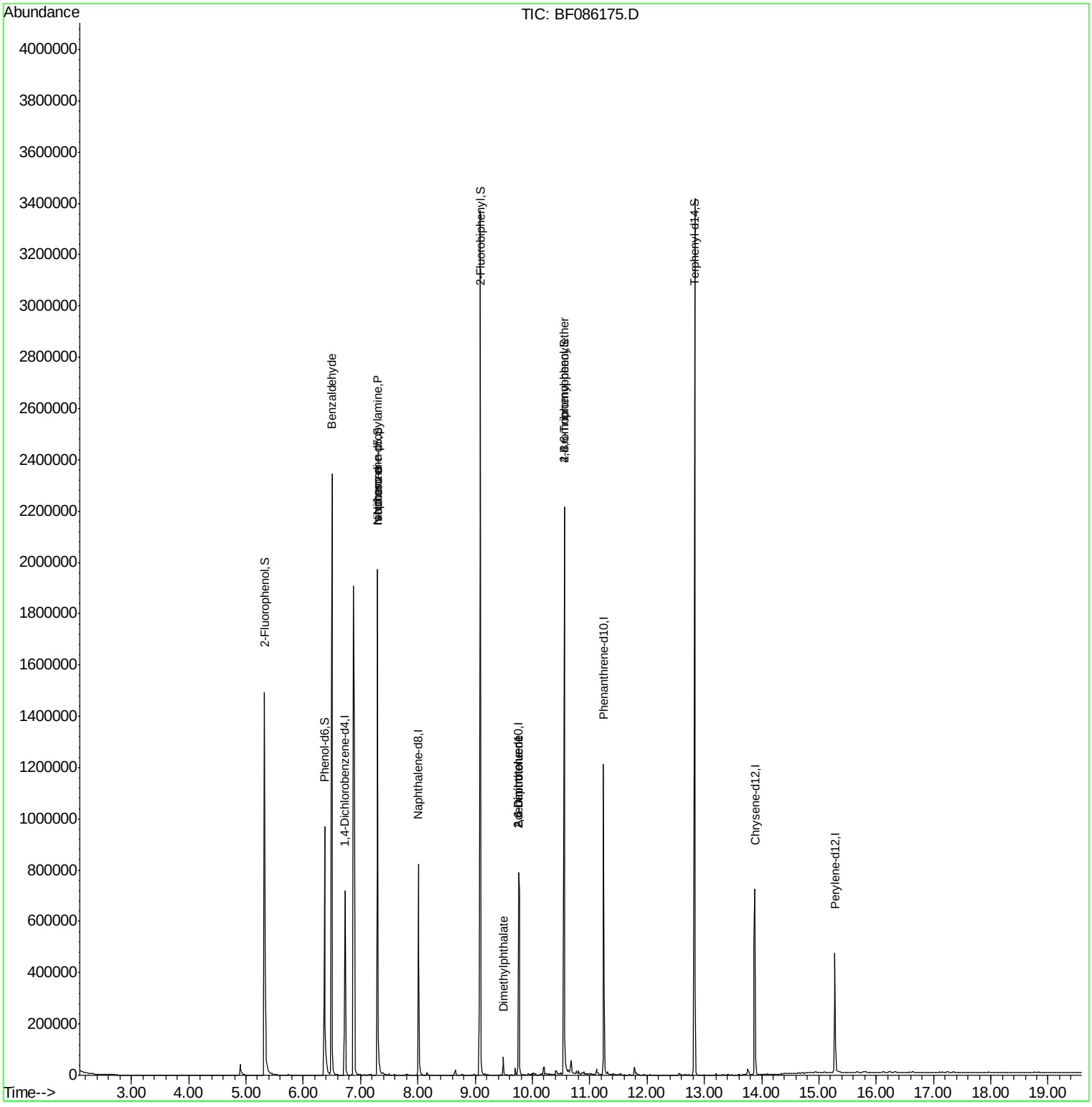
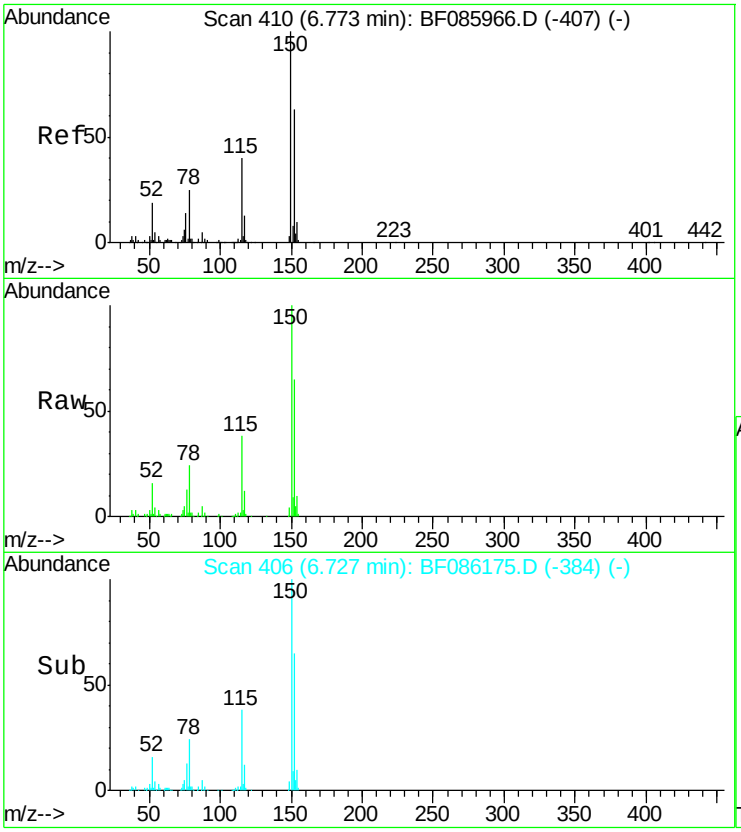


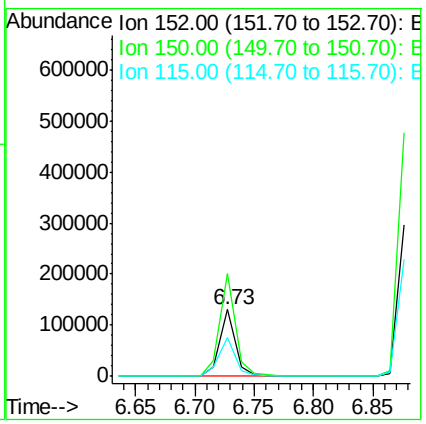


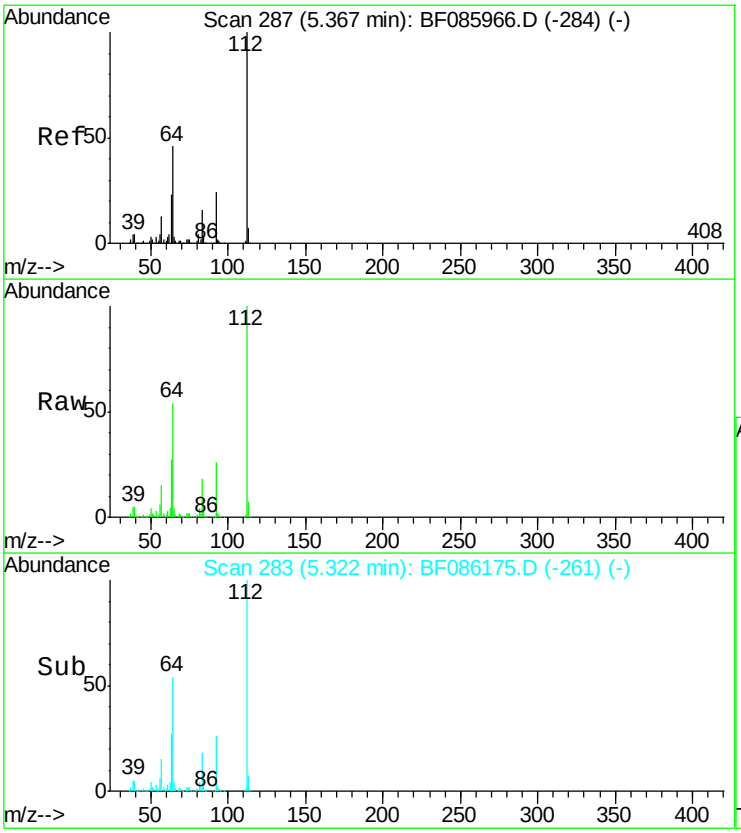
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.05 min
Lab File: BF086175.D
Acq: 8 Apr 2016 18:31

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:152 Resp: 120980

Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.2	186.2
115	58.8	47.0	70.6

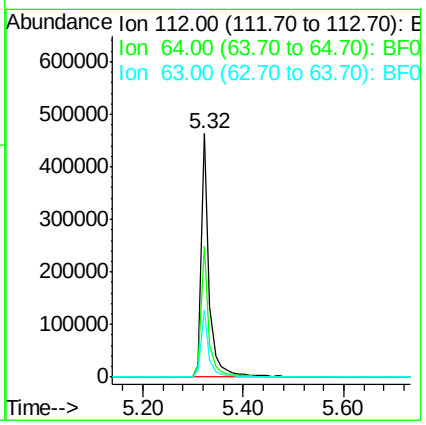


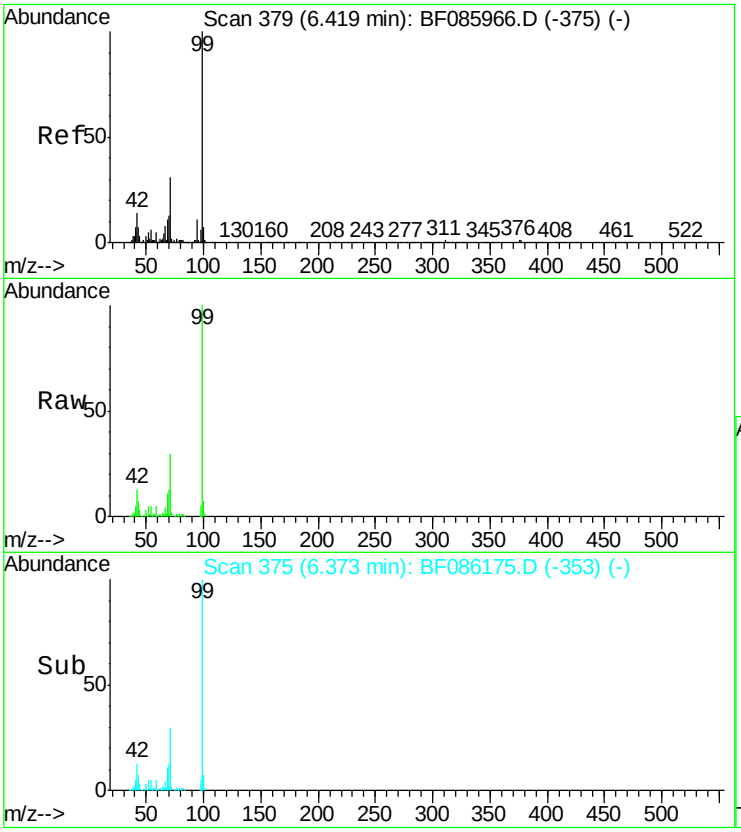


#5
2-Fluorophenol
Concen: 71.88 ng
RT: 5.32 min Scan# 283
Delta R.T. -0.05 min
Lab File: BF086175.D
Acq: 8 Apr 2016 18:31

Tgt Ion:112 Resp: 508784

Ion	Ratio	Lower	Upper
112	100		
64	53.7	39.9	59.9
63	27.3	20.2	30.2



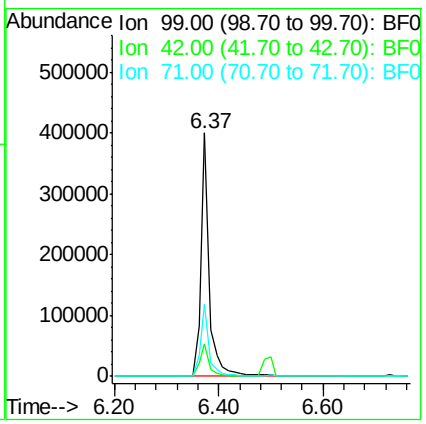


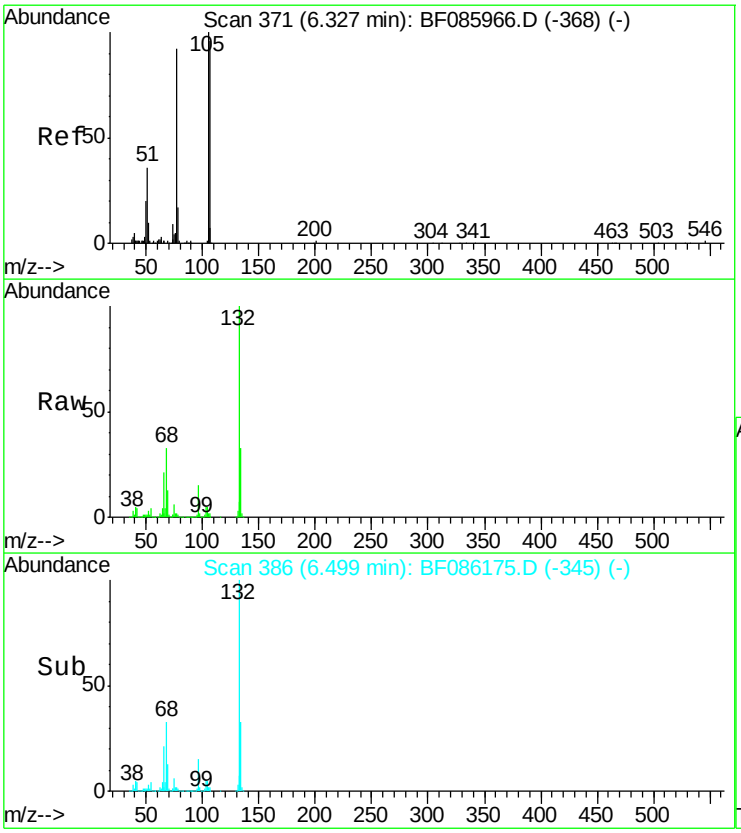
#7
Phenol-d6
Concen: 49.58 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.05 min
Lab File: BF086175.D
Acq: 8 Apr 2016 18:31

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion: 99 Resp: 445697

Ion	Ratio	Lower	Upper
99	100		
42	13.1	11.1	16.7
71	29.6	24.9	37.3

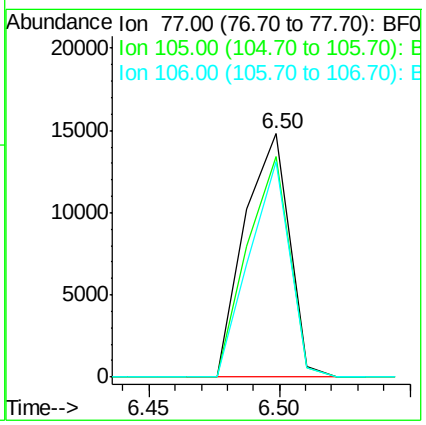


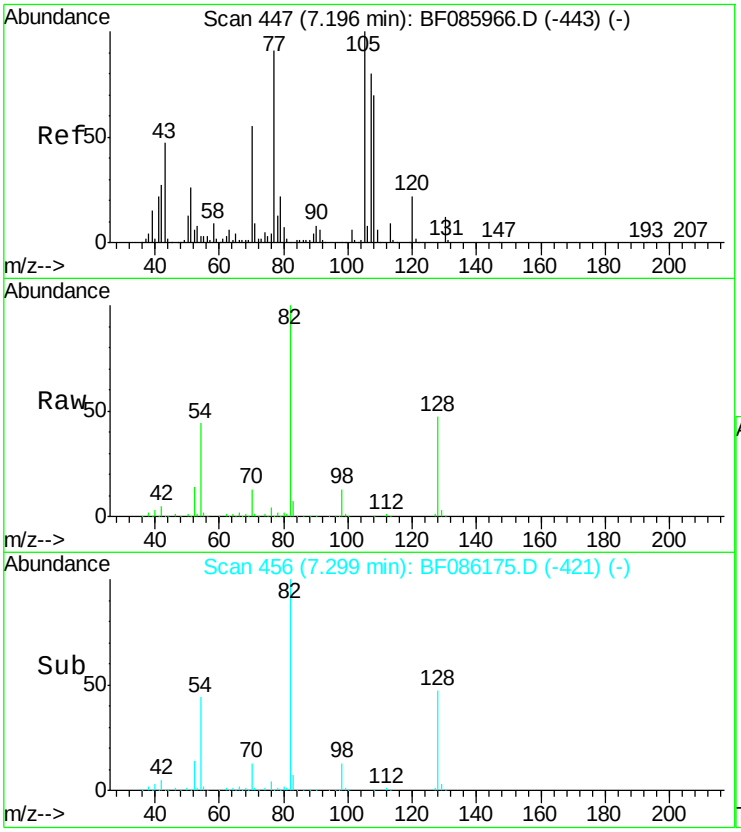


#9
Benzaldehyde
Concen: 3.65 ng
RT: 6.50 min Scan# 386
Delta R.T. 0.17 min
Lab File: BF086175.D
Acq: 8 Apr 2016 18:31

Tgt Ion: 77 Resp: 17643

Ion	Ratio	Lower	Upper
77	100		
105	90.4	80.1	120.1
106	88.3	75.0	115.0



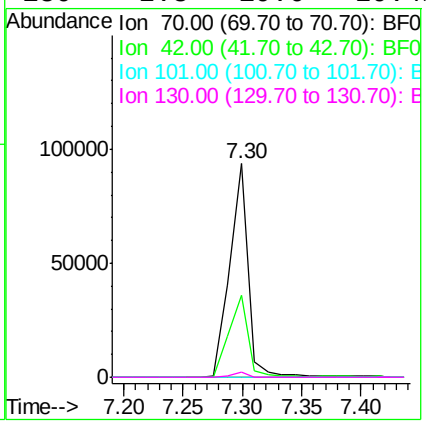


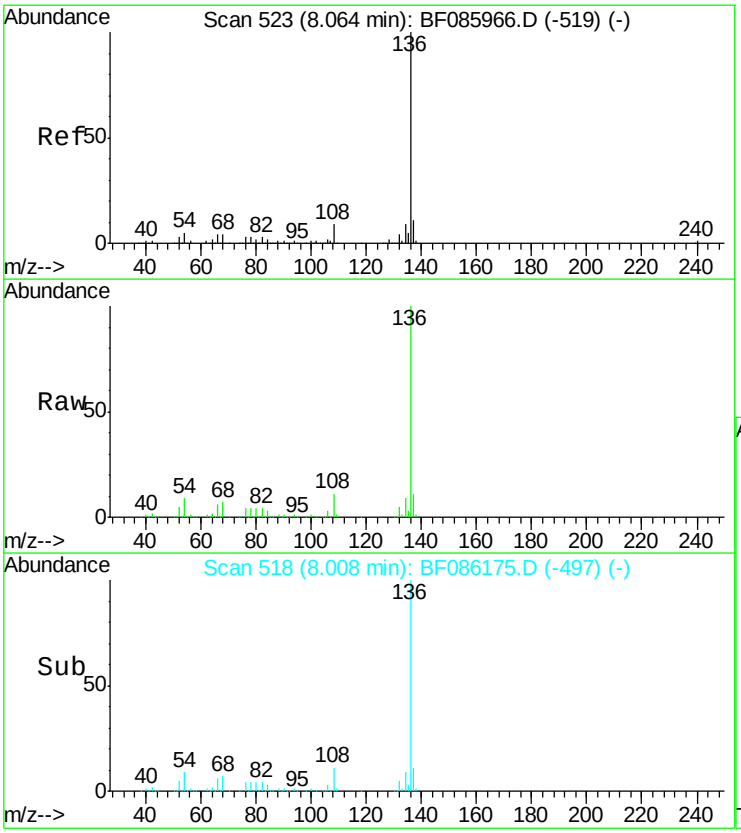
#19
n-Nitroso-di-n-propylamine
Concen: 18.12 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.10 min
Lab File: BF086175.D
Acq: 8 Apr 2016 18:31

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion: 70 Resp: 100965

Ion	Ratio	Lower	Upper
70	100		
42	38.4	37.1	55.7
101	0.0	8.6	12.8#
130	2.3	19.6	29.4#

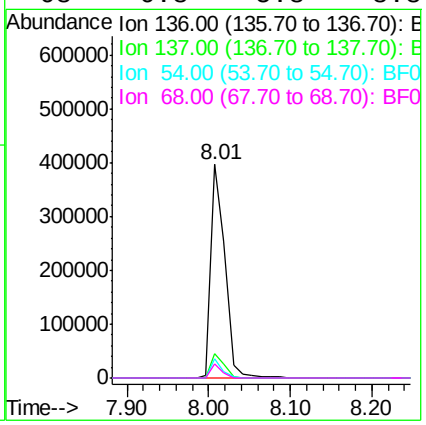


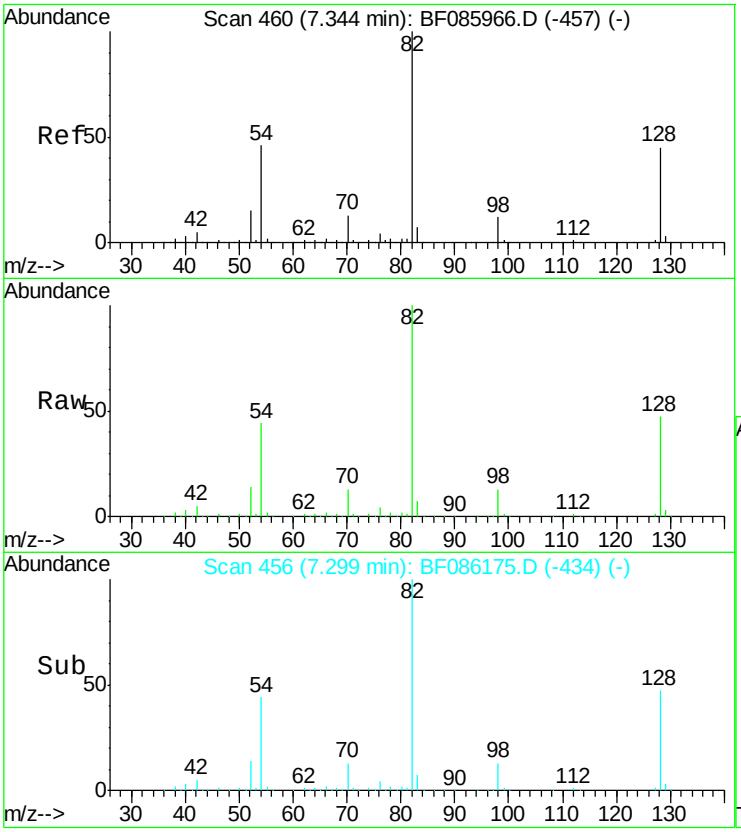


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF086175.D
Acq: 8 Apr 2016 18:31

Tgt Ion:136 Resp: 481069

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.8	7.4	11.0
68	6.8	5.8	8.8



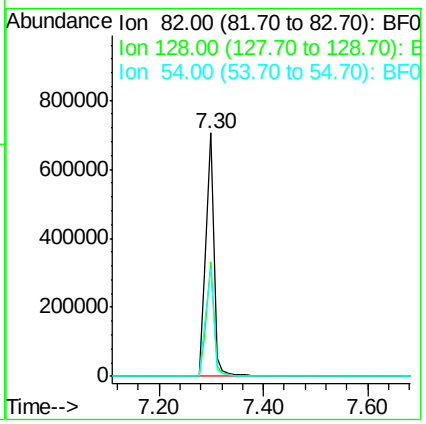


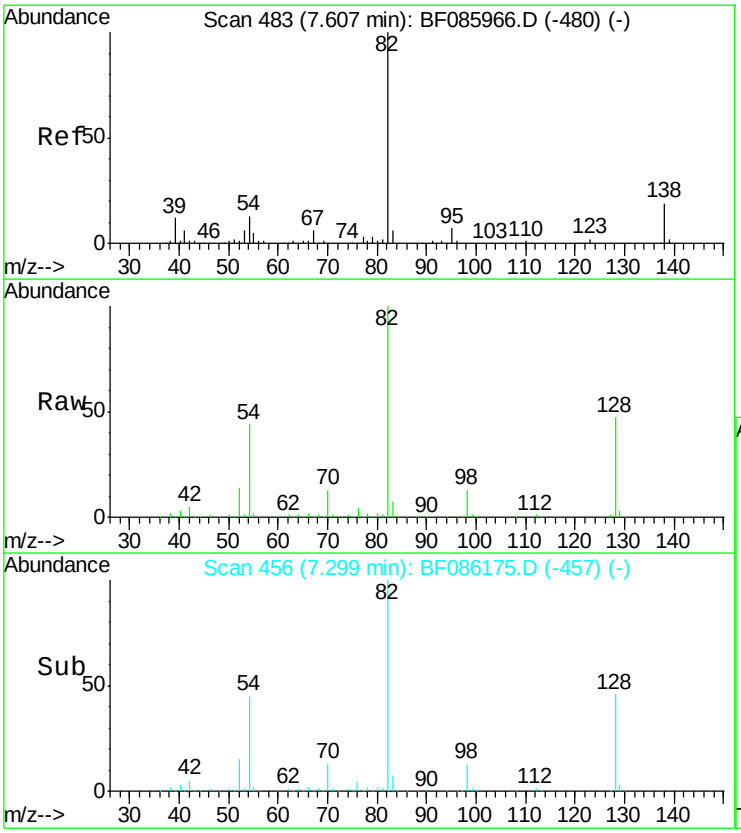
#23
Nitrobenzene-d5
Concen: 93.44 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF086175.D
Acq: 8 Apr 2016 18:31

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion: 82 Resp: 762278

Ion	Ratio	Lower	Upper
82	100		
128	46.9	41.8	62.8
54	44.4	33.4	50.0

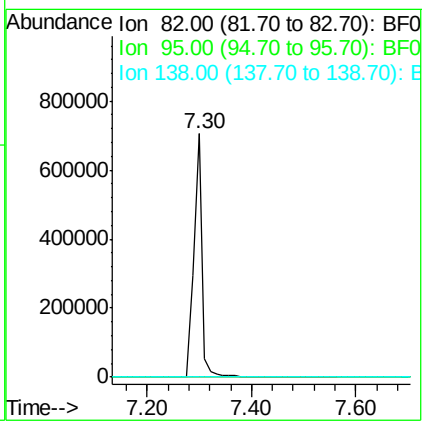


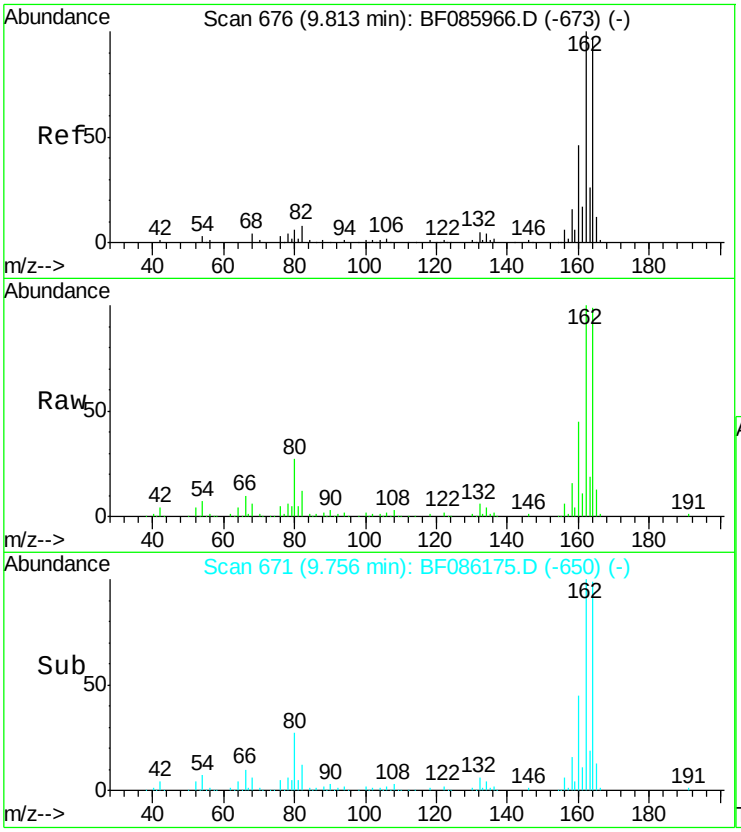


#25
Isophorone
Concen: 47.29 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.31 min
Lab File: BF086175.D
Acq: 8 Apr 2016 18:31

Tgt Ion: 82 Resp: 761559

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



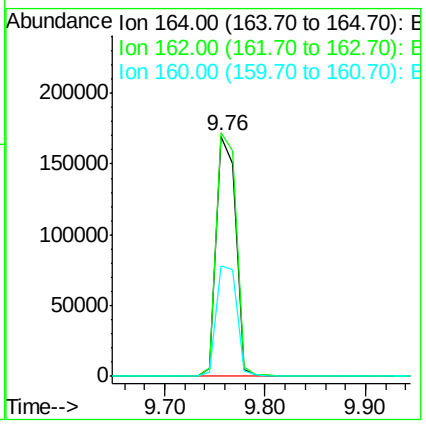


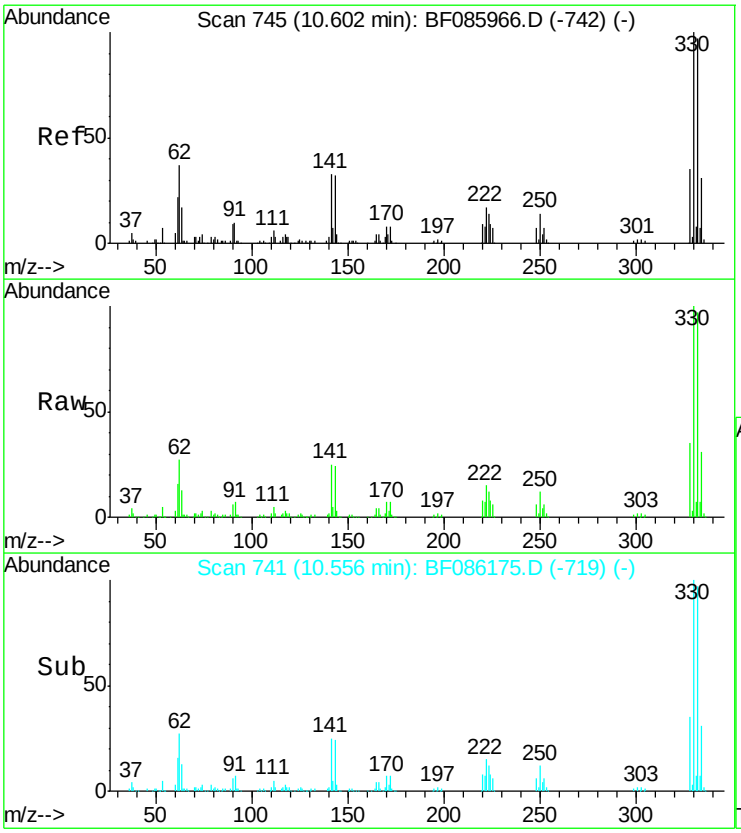
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.06 min
Lab File: BF086175.D
Acq: 8 Apr 2016 18:31

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:164 Resp: 229111

Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.1	123.1
160	46.1	37.4	56.2

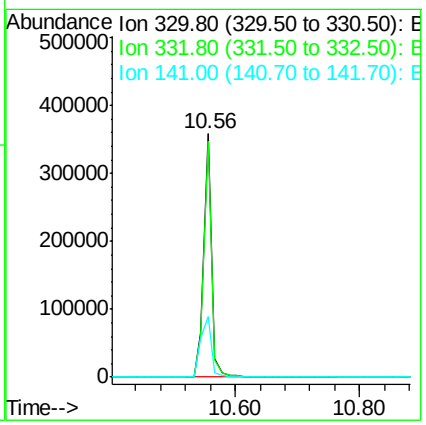


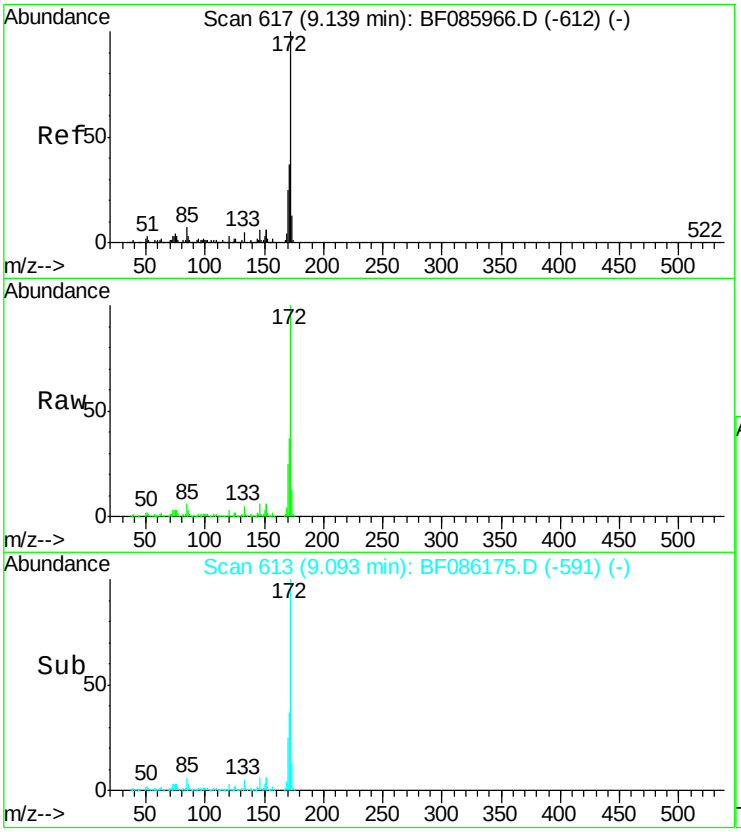


#41
2,4,6-Tribromophenol
Concen: 149.29 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.05 min
Lab File: BF086175.D
Acq: 8 Apr 2016 18:31

Tgt Ion:330 Resp: 321040

Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.2	117.2
141	34.5	31.5	47.3



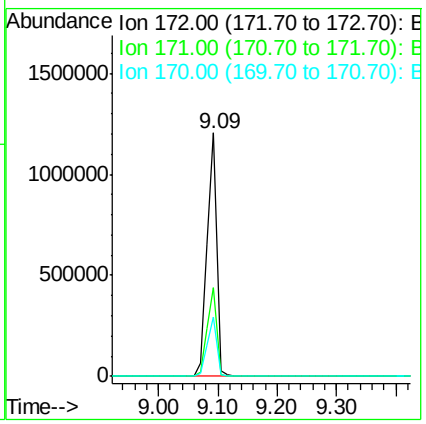


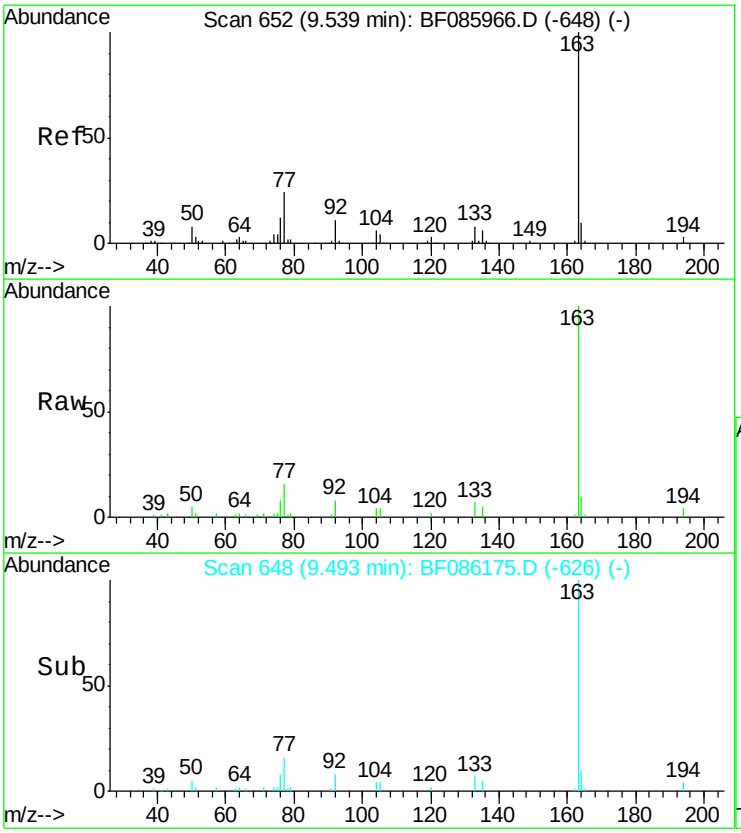
#44
2-Fluorobiphenyl
Concen: 98.29 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.05 min
Lab File: BF086175.D
Acq: 8 Apr 2016 18:31

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:172 Resp: 1354381

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.2
170	24.6	19.8	29.6

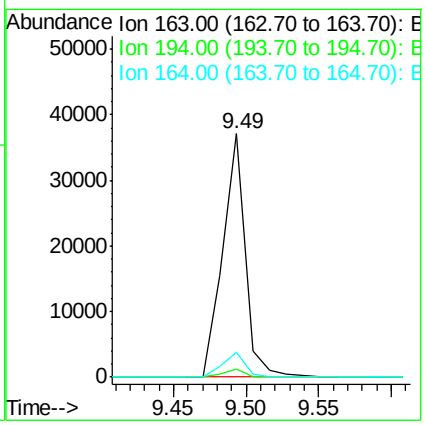


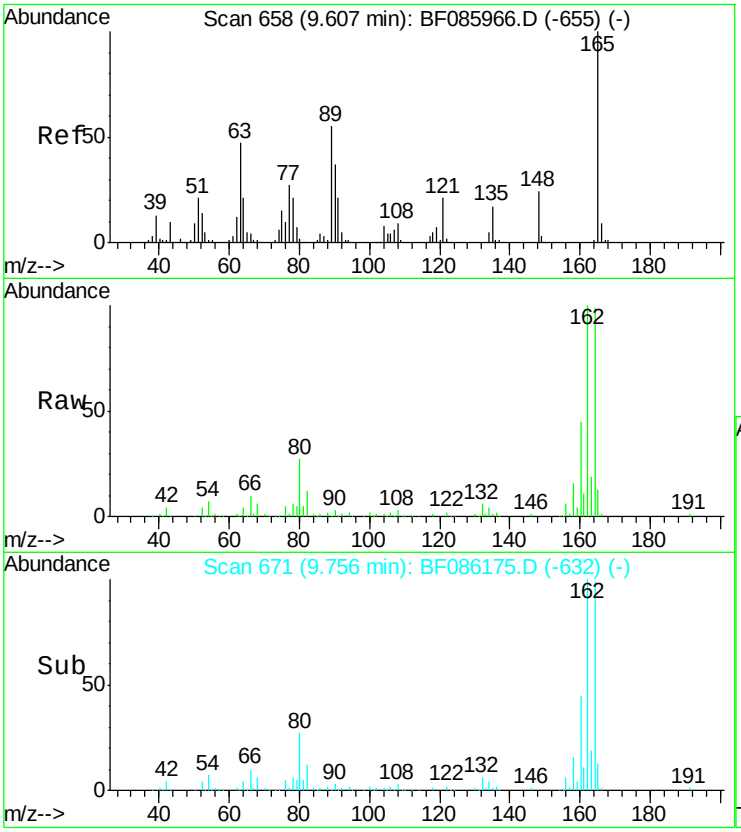


#49
Dimethylphthalate
Concen: 2.36 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.05 min
Lab File: BF086175.D
Acq: 8 Apr 2016 18:31

Tgt Ion:163 Resp: 40127

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.9	4.3
164	10.0	8.3	12.5



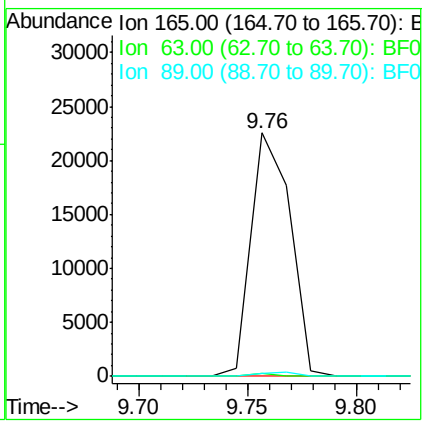


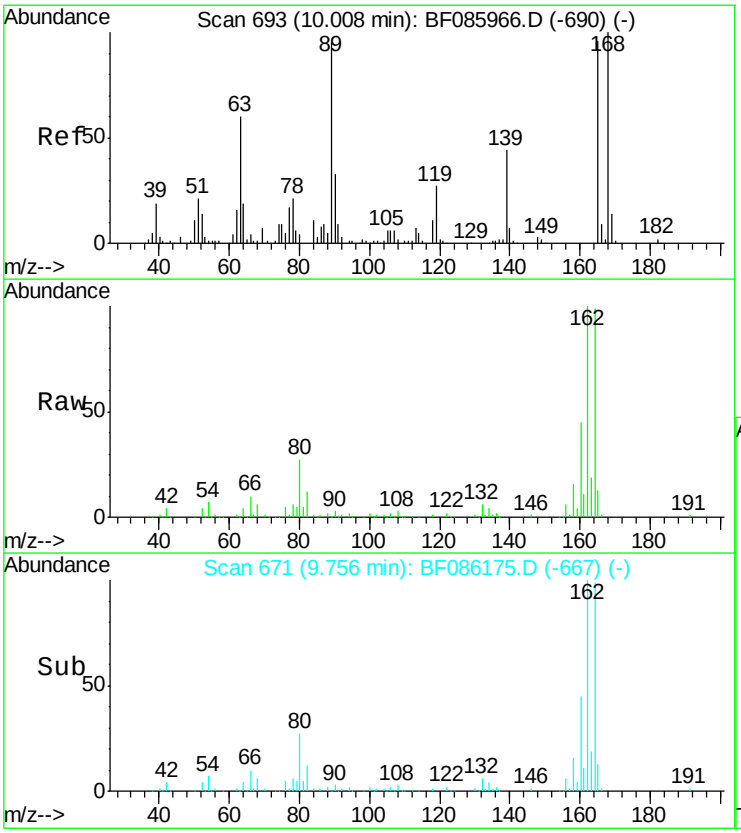
#50
2,6-Dinitrotoluene
Concen: 7.95 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.15 min
Lab File: BF086175.D
Acq: 8 Apr 2016 18:31

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:165 Resp: 28567

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

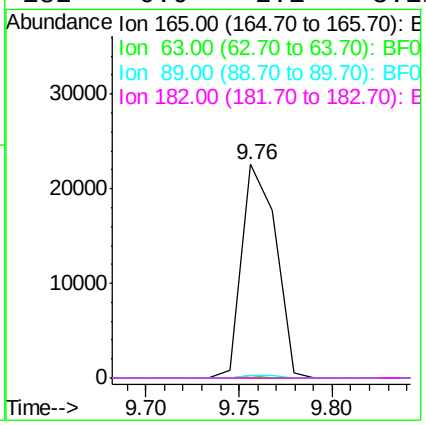


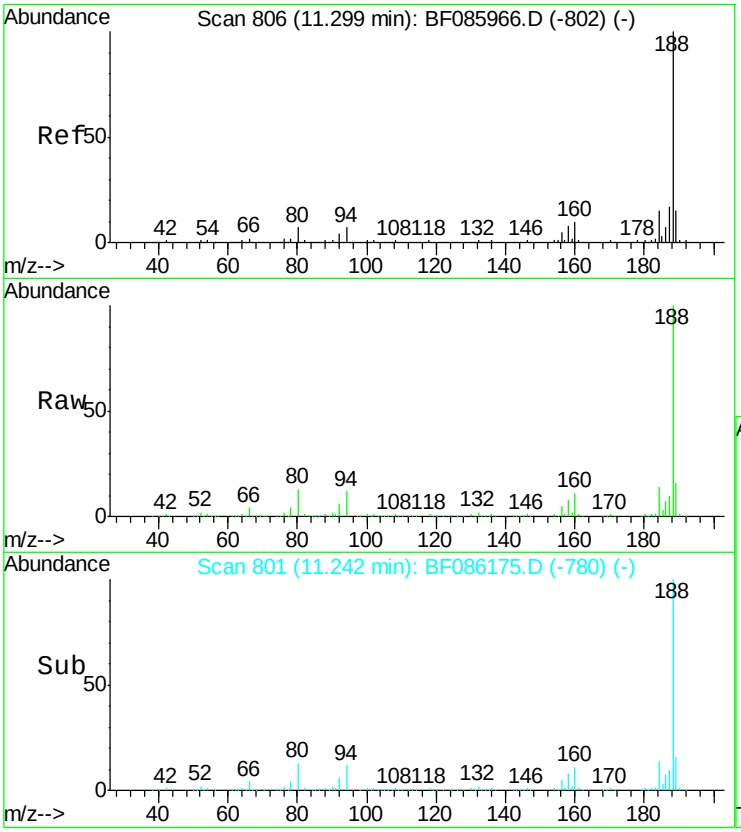


#56
2,4-Dinitrotoluene
Concen: 6.29 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.25 min
Lab File: BF086175.D
Acq: 8 Apr 2016 18:31

Tgt Ion:165 Resp: 28568

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



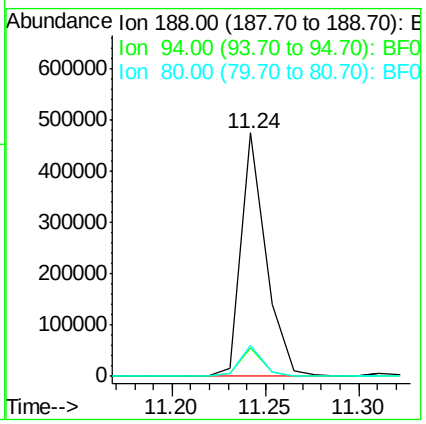


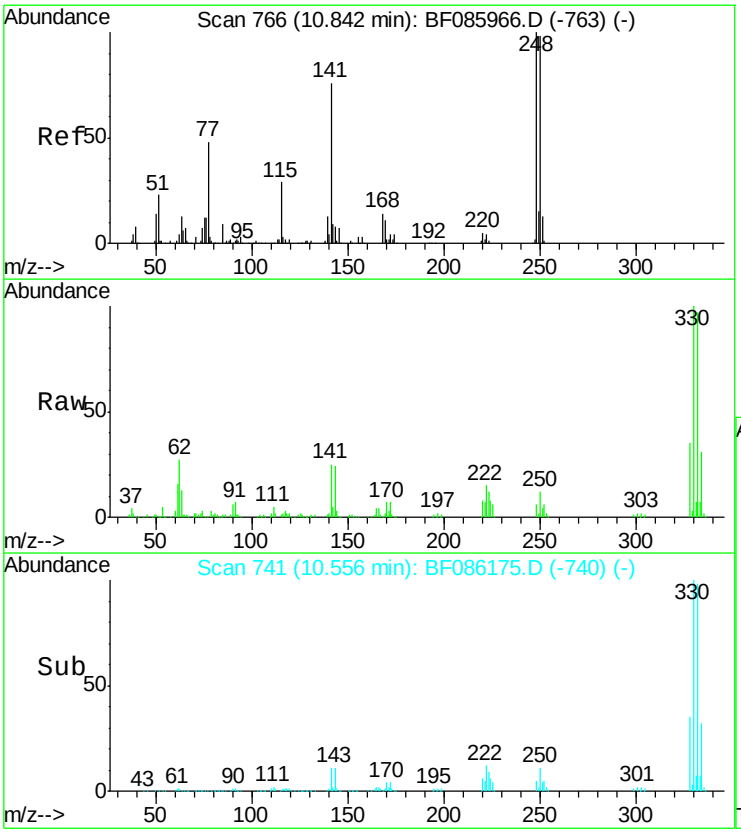
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.06 min
Lab File: BF086175.D
Acq: 8 Apr 2016 18:31

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:188 Resp: 443960

Ion	Ratio	Lower	Upper
188	100		
94	11.5	5.4	8.0#
80	12.5	5.5	8.3#

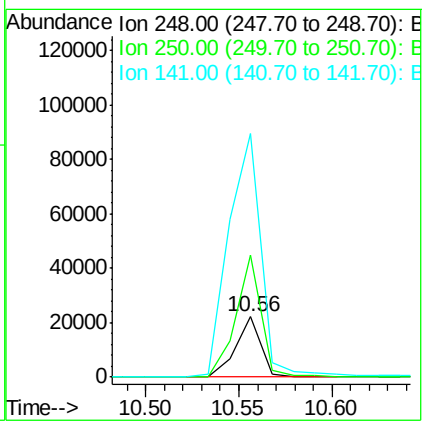


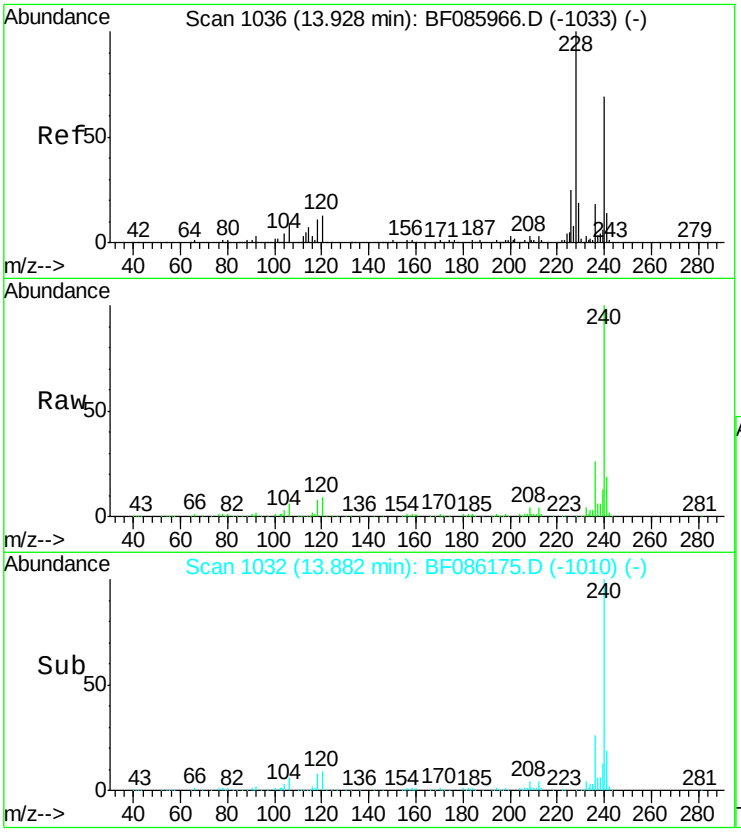


#66
4-Bromophenyl-phenylether
Concen: 4.61 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.29 min
Lab File: BF086175.D
Acq: 8 Apr 2016 18:31

Tgt Ion:248 Resp: 20903

Ion	Ratio	Lower	Upper
248	100		
250	201.7	77.4	116.0#
141	402.9	63.6	95.4#



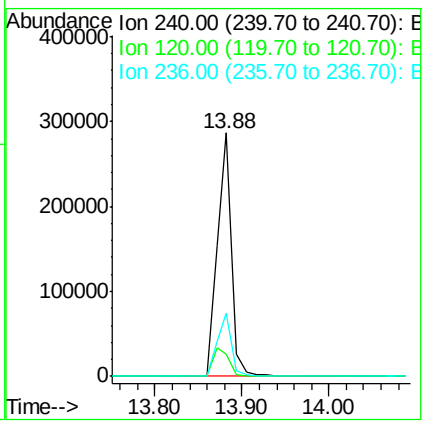


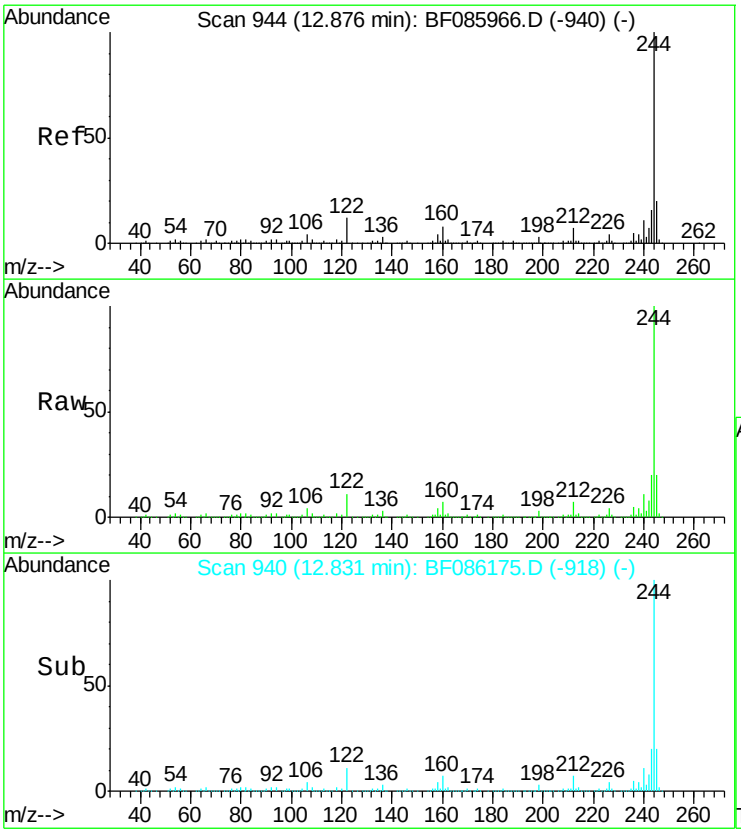
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF086175.D
Acq: 8 Apr 2016 18:31

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:240 Resp: 329232

Ion	Ratio	Lower	Upper
240	100		
120	9.1	13.8	20.8#
236	26.1	20.6	30.8

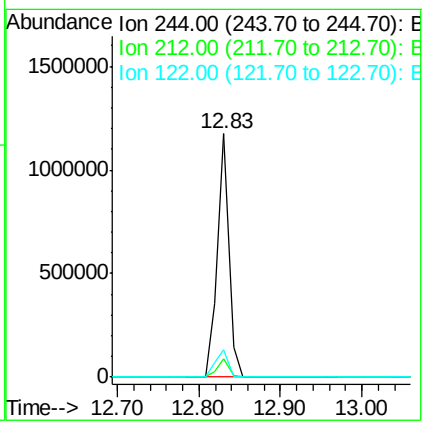


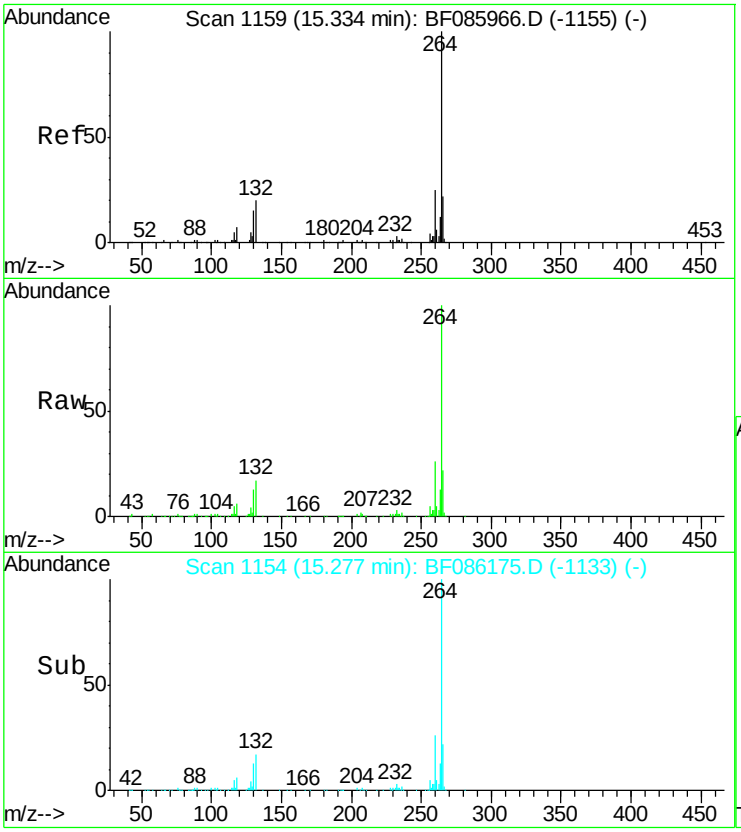


#78
Terphenyl-d14
Concen: 82.68 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.05 min
Lab File: BF086175.D
Acq: 8 Apr 2016 18:31

Tgt Ion:244 Resp: 1158009

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	11.3	10.2	15.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.06 min
Lab File: BF086175.D
Acq: 8 Apr 2016 18:31

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:264 Resp: 228243

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.4	29.2
265	21.5	17.2	25.8