Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\
Data File : BF082139.D
Acq On : 8 Oct 2015 21:12
Operator : UM/IZ
Sample : G3960-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4

Quant Time: Oct 09 05:12:12 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 09 05:03:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	80759	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	319088	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	152140	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	310997	20.00	ng		0.00
75) Chrysene-d12	14.02	240	287795	20.00	ng		-0.02
86) Perylene-d12	15.48	264	213672	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	274743	61.76	ng		0.00
7) Phenol-d6	6.49	99	217023	38.77	ng		0.00
23) Nitrobenzene-d5	7.43	82	472354	98.68	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	229718	149.09	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	951620	111.24	ng		-0.01
78) Terphenyl-d14	12.98	244	1120888	172.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	23937	12.37	ng		86
9) Benzaldehyde	6.63	77	12220	3.33	ng	#	64
15) Benzyl Alcohol	7.02	79	8208	2.03	ng	#	30
19) n-Nitroso-di-n-propylamine	7.43	70	59655	17.53	ng	#	59
25) Isophorone	7.43	82	421310	44.41	ng	#	58
49) Dimethylphthalate	9.62	163	65468	6.23	ng	#	97
50) 2,6-Dinitrotoluene	9.91	165	18755	8.23	ng	#	37
56) 2,4-Dinitrotoluene	9.91	165	18755	6.45	ng	#	31
57) Fluorene	10.70	166	10084	Below Cal		#	78
66) 4-Bromophenyl-phenylether	10.70	248	16042	5.12	ng	#	1
73) Di-n-butylphthalate	11.95	149	2289	Below Cal		#	78

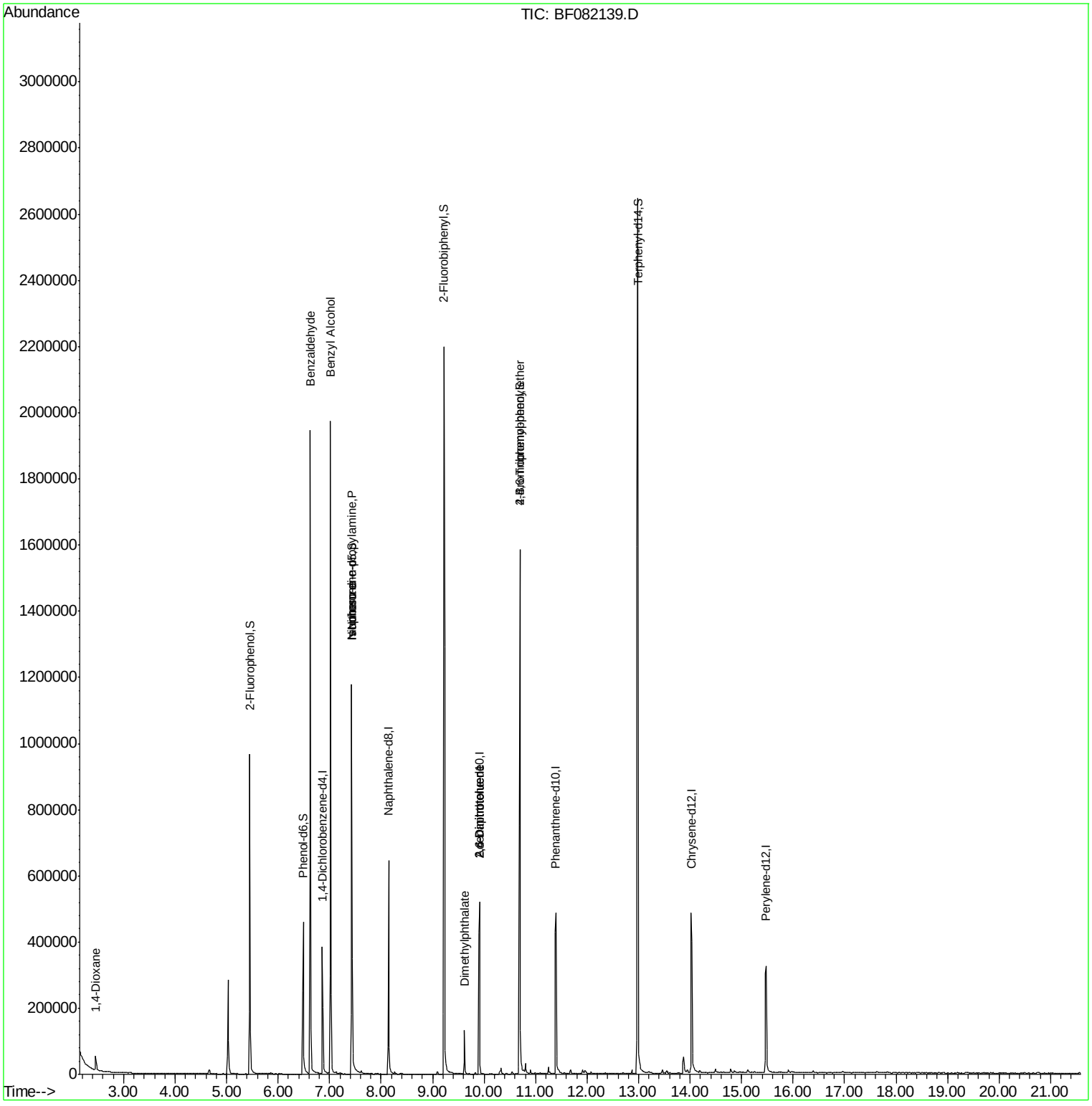
(#) = qualifier out of range (m) = manual integration (+) = signals summed

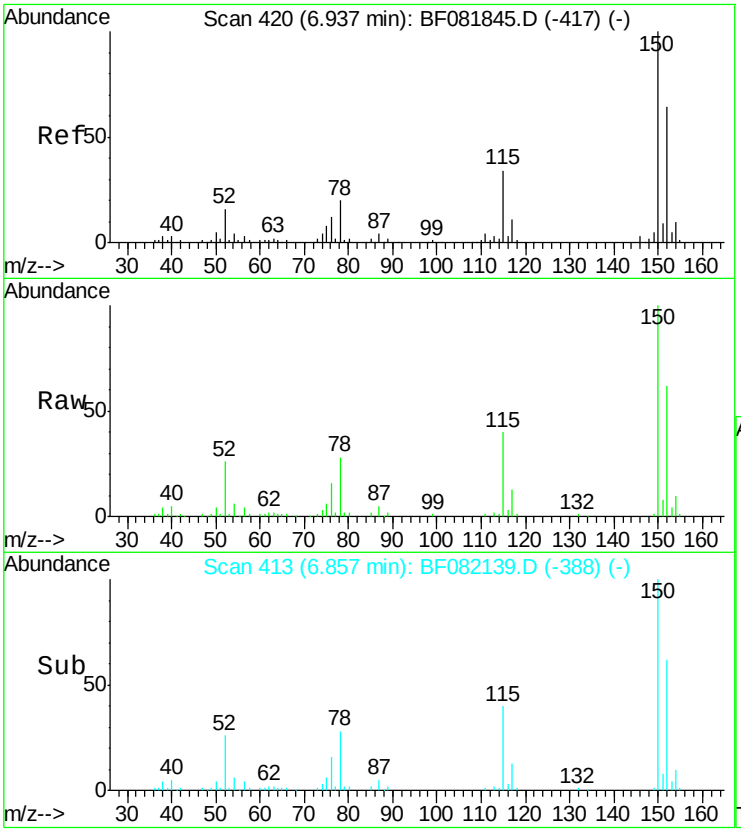
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\
Data File : BF082139.D
Acq On : 8 Oct 2015 21:12
Operator : UM/IZ
Sample : G3960-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-4

Quant Time: Oct 09 05:12:12 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 09 05:03:35 2015
Response via : Initial Calibration



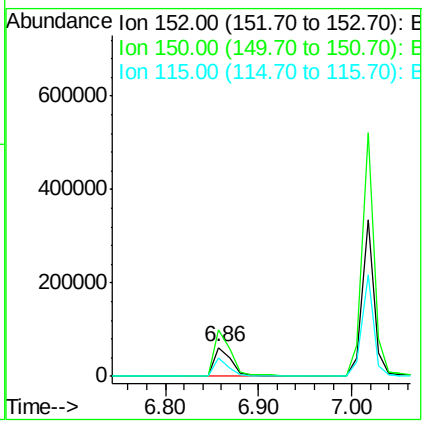


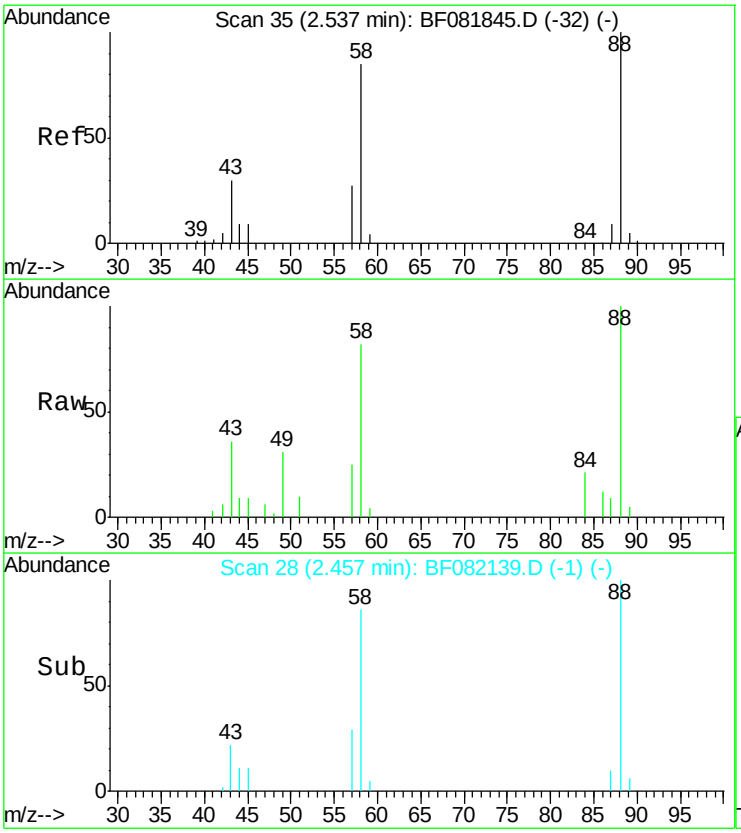
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF082139.D
Acq: 8 Oct 2015 21:12

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:152 Resp: 80759

Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.7	187.1
115	65.0	39.0	58.4#

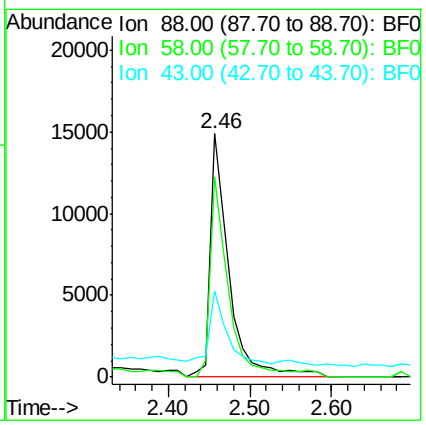


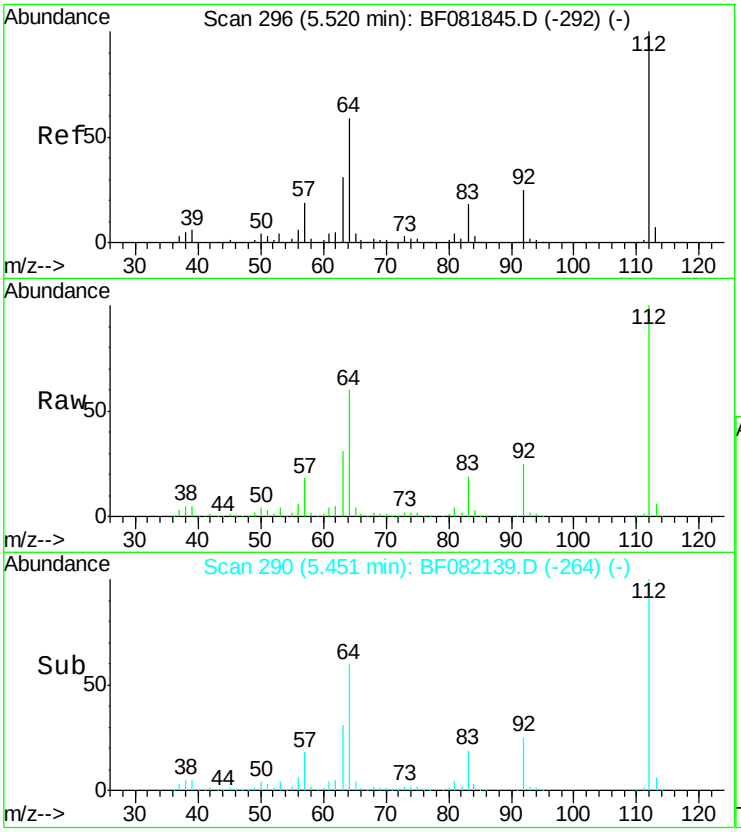


#2
1,4-Dioxane
Concen: 12.37 ng
RT: 2.46 min Scan# 28
Delta R.T. 0.03 min
Lab File: BF082139.D
Acq: 8 Oct 2015 21:12

Tgt Ion: 88 Resp: 23937

Ion	Ratio	Lower	Upper
88	100		
58	82.3	77.7	116.5
43	27.1	26.6	40.0



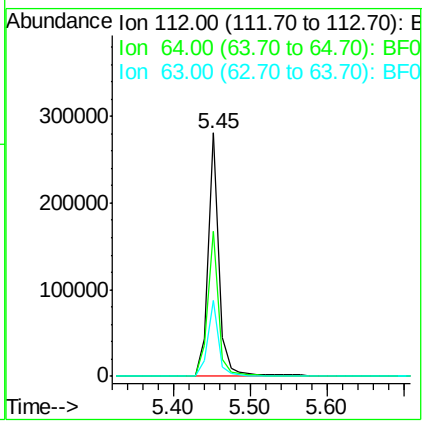


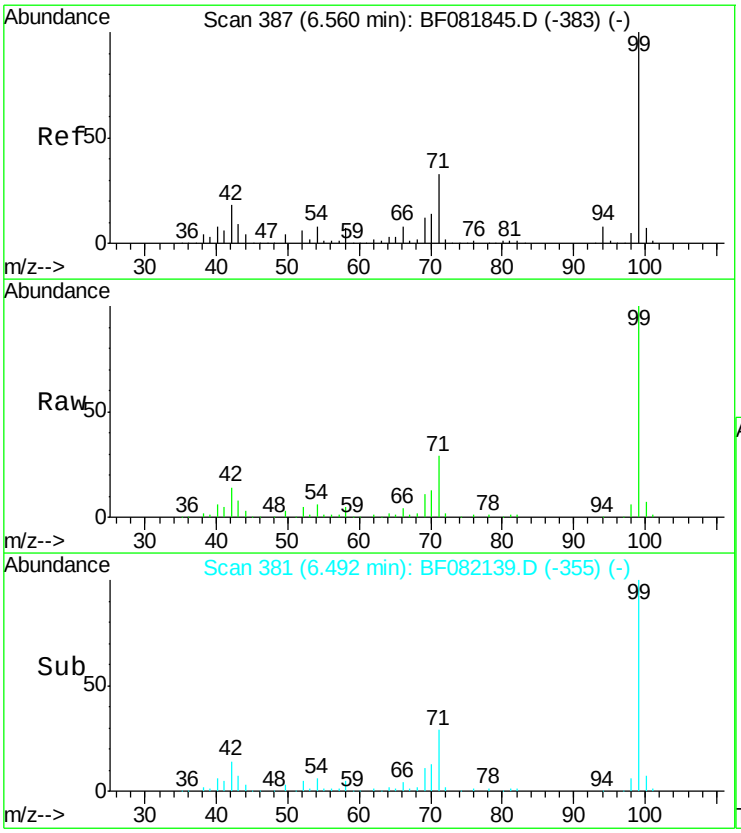
#5
2-Fluorophenol
Concen: 61.76 ng
RT: 5.45 min Scan# 290
Delta R.T. -0.00 min
Lab File: BF082139.D
Acq: 8 Oct 2015 21:12

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:112 Resp: 274743

Ion	Ratio	Lower	Upper
112	100		
64	59.7	39.7	59.5#
63	31.4	17.4	26.0#

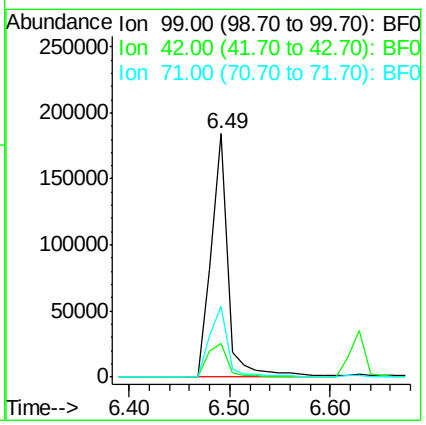


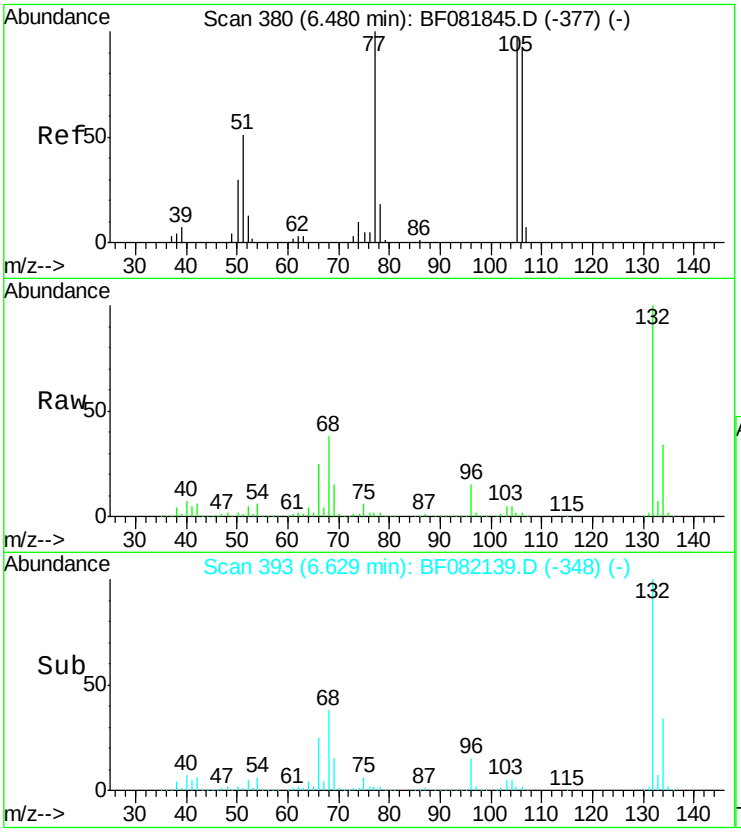


#7
Phenol-d6
Concen: 38.77 ng
RT: 6.49 min Scan# 381
Delta R.T. -0.00 min
Lab File: BF082139.D
Acq: 8 Oct 2015 21:12

Tgt Ion: 99 Resp: 217023

Ion	Ratio	Lower	Upper
99	100		
42	13.9	13.7	20.5
71	29.2	14.2	21.2#



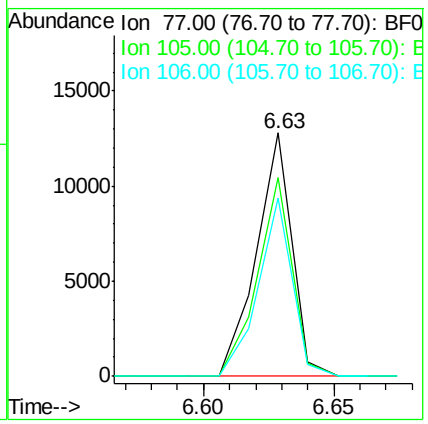


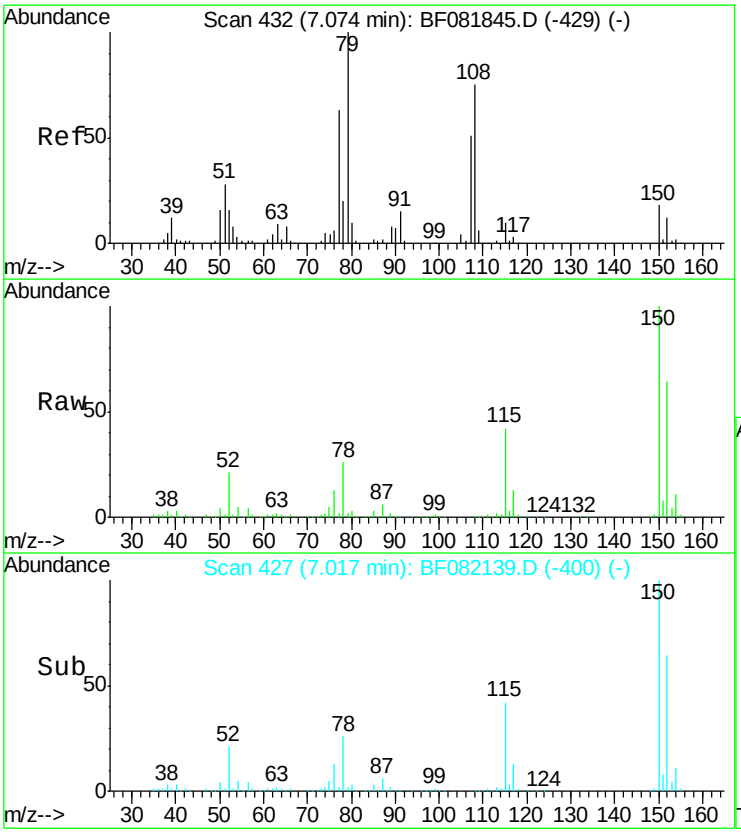
#9
Benzaldehyde
Concen: 3.33 ng
RT: 6.63 min Scan# 393
Delta R.T. 0.22 min
Lab File: BF082139.D
Acq: 8 Oct 2015 21:12

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion: 77 Resp: 12220

Ion	Ratio	Lower	Upper
77	100		
105	81.7	91.6	131.6#
106	73.2	102.6	142.6#

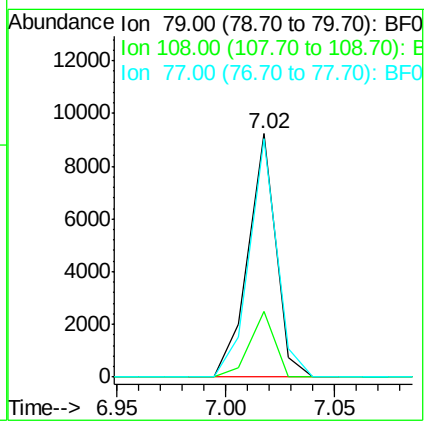


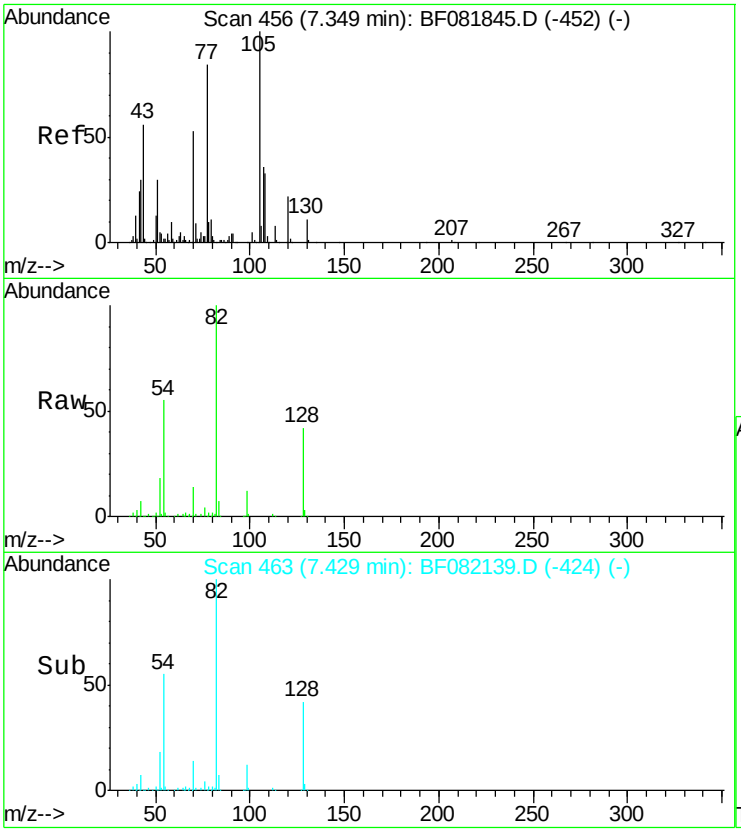


#15
Benzyl Alcohol
Concen: 2.03 ng
RT: 7.02 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF082139.D
Acq: 8 Oct 2015 21:12

Tgt Ion: 79 Resp: 8208

Ion	Ratio	Lower	Upper
79	100		
108	27.0	88.6	132.8#
77	98.1	47.0	70.4#



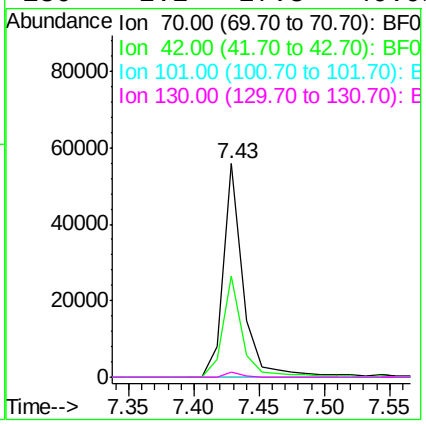


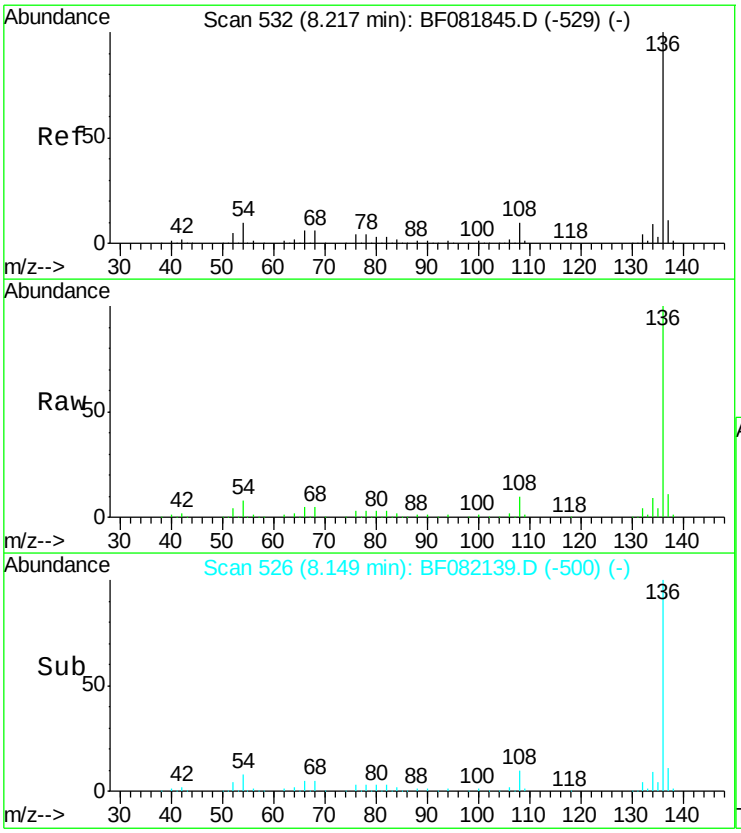
#19
n-Nitroso-di-n-propylamine
Concen: 17.53 ng
RT: 7.43 min Scan# 463
Delta R.T. 0.15 min
Lab File: BF082139.D
Acq: 8 Oct 2015 21:12

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion: 70 Resp: 59655

Ion	Ratio	Lower	Upper
70	100		
42	47.2	63.8	95.6#
101	0.0	9.2	13.8#
130	2.2	27.3	40.9#

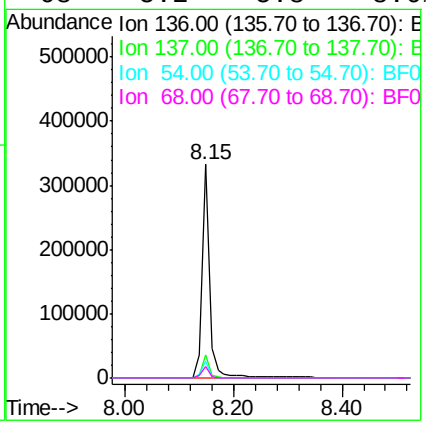


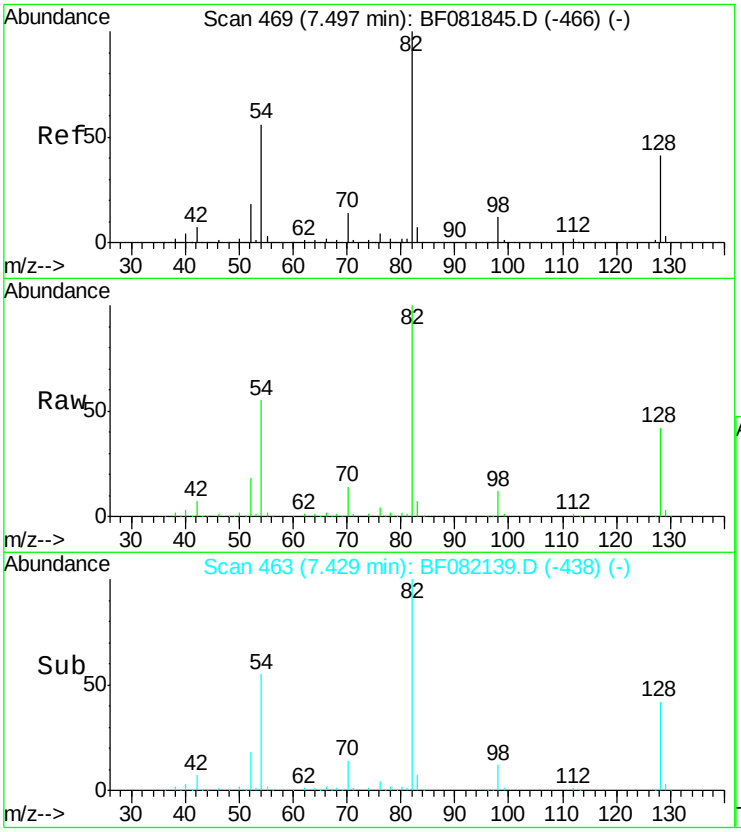


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF082139.D
Acq: 8 Oct 2015 21:12

Tgt Ion:136 Resp: 319088

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	7.6	8.2	12.2#
68	5.2	5.8	8.6#



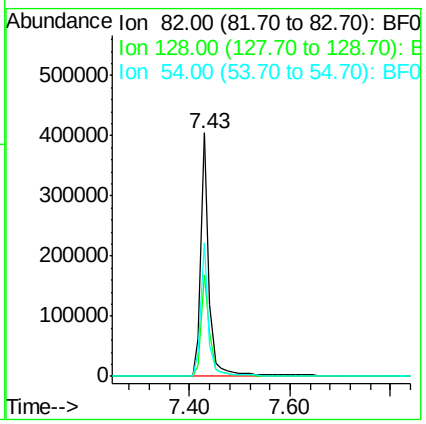


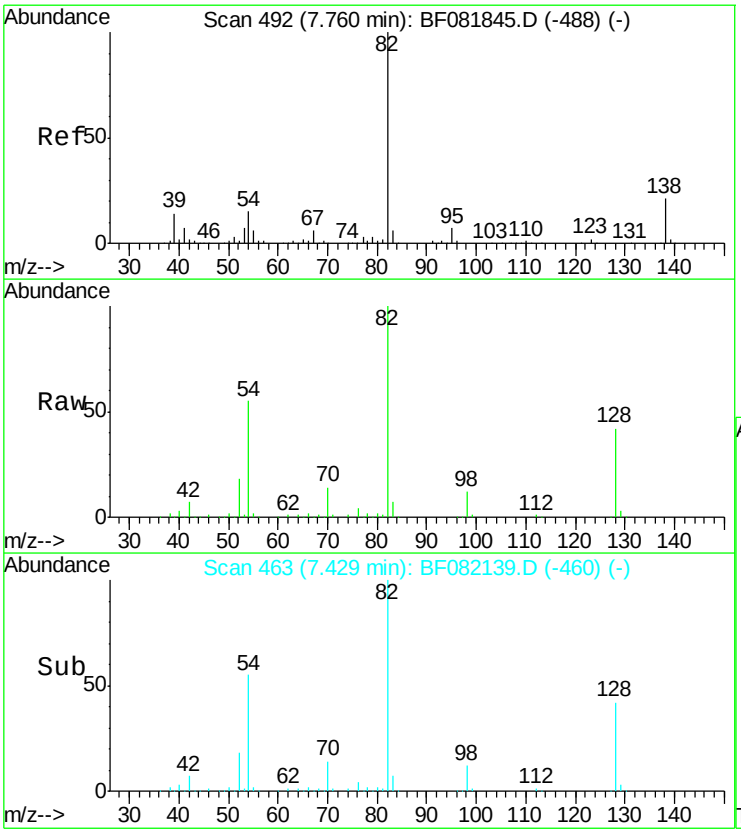
#23
Nitrobenzene-d5
Concen: 98.68 ng
RT: 7.43 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF082139.D
Acq: 8 Oct 2015 21:12

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion: 82 Resp: 472354

Ion	Ratio	Lower	Upper
82	100		
128	41.7	51.0	76.6#
54	55.0	47.5	71.3

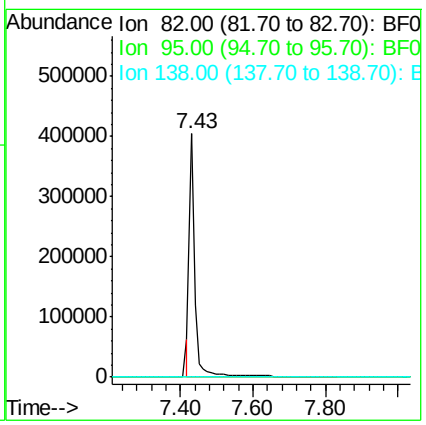


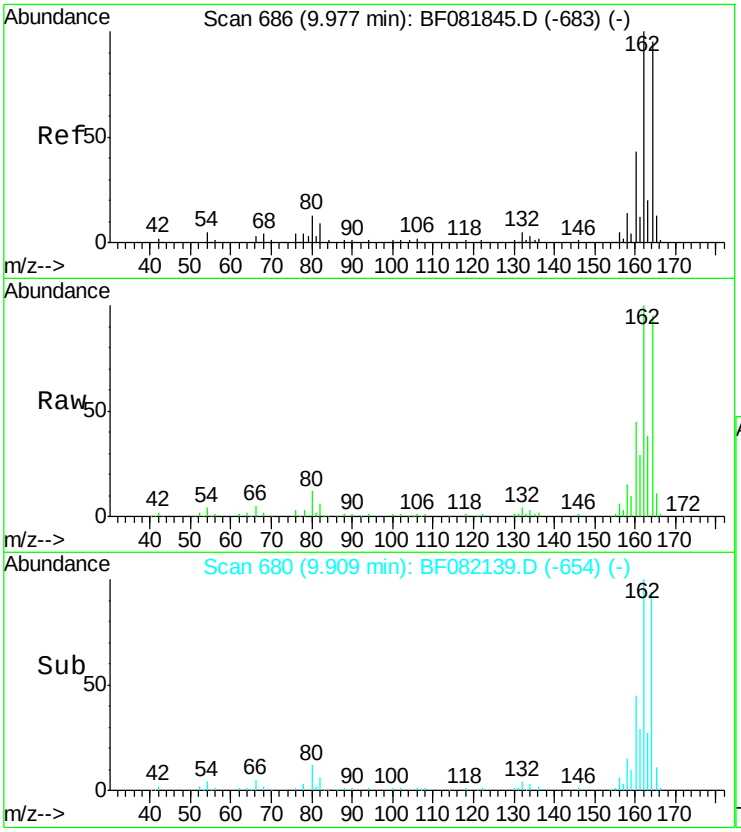


#25
Isophorone
Concen: 44.41 ng
RT: 7.43 min Scan# 463
Delta R.T. -0.26 min
Lab File: BF082139.D
Acq: 8 Oct 2015 21:12

Tgt Ion: 82 Resp: 421310

Ion	Ratio	Lower	Upper
82	100		
95	0.0	4.0	6.0#
138	0.0	18.3	27.5#



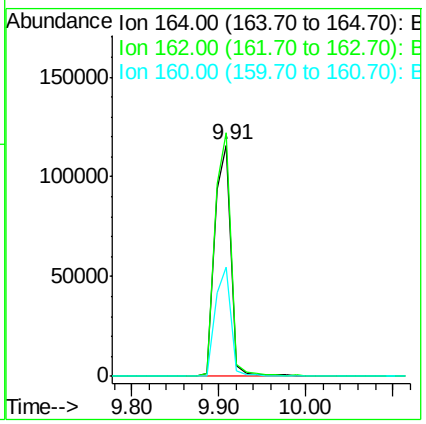


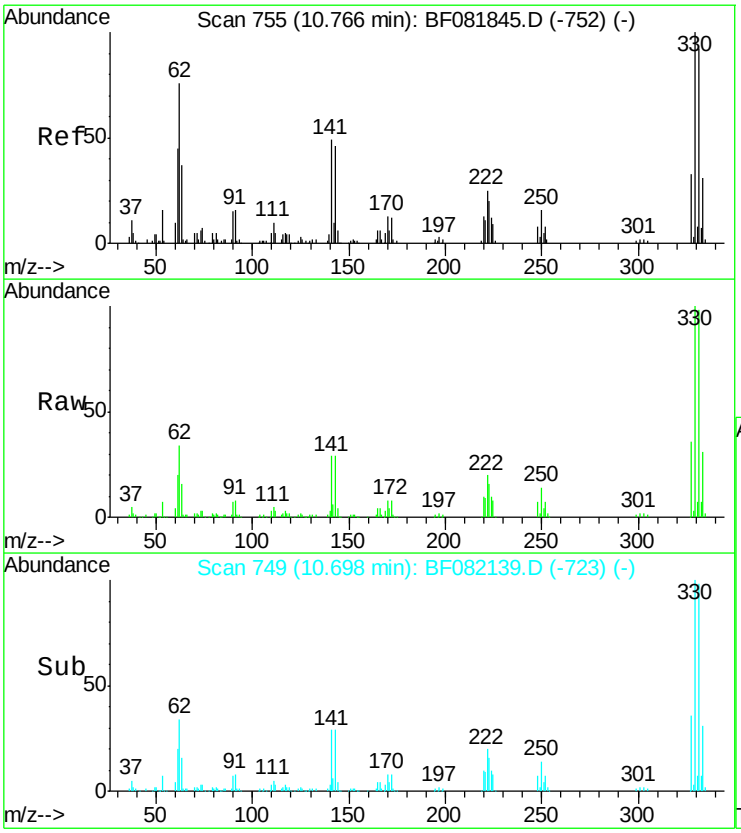
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF082139.D
Acq: 8 Oct 2015 21:12

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:164 Resp: 152140

Ion	Ratio	Lower	Upper
164	100		
162	105.5	75.2	112.8
160	47.5	31.5	47.3#

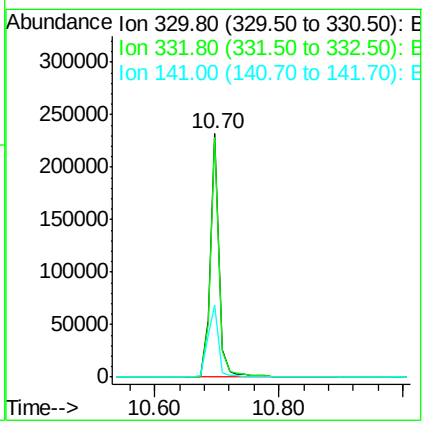


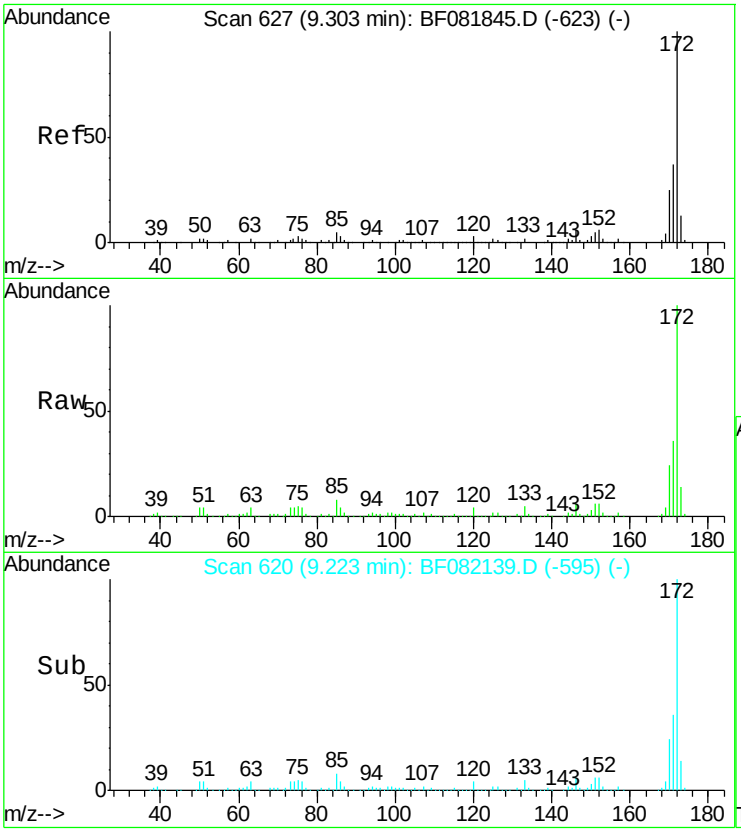


#41
2,4,6-Tribromophenol
Concen: 149.09 ng
RT: 10.70 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF082139.D
Acq: 8 Oct 2015 21:12

Tgt Ion:330 Resp: 229718

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	114.8
141	35.9	29.7	44.5



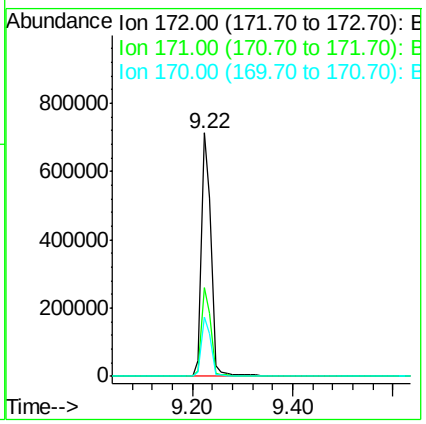


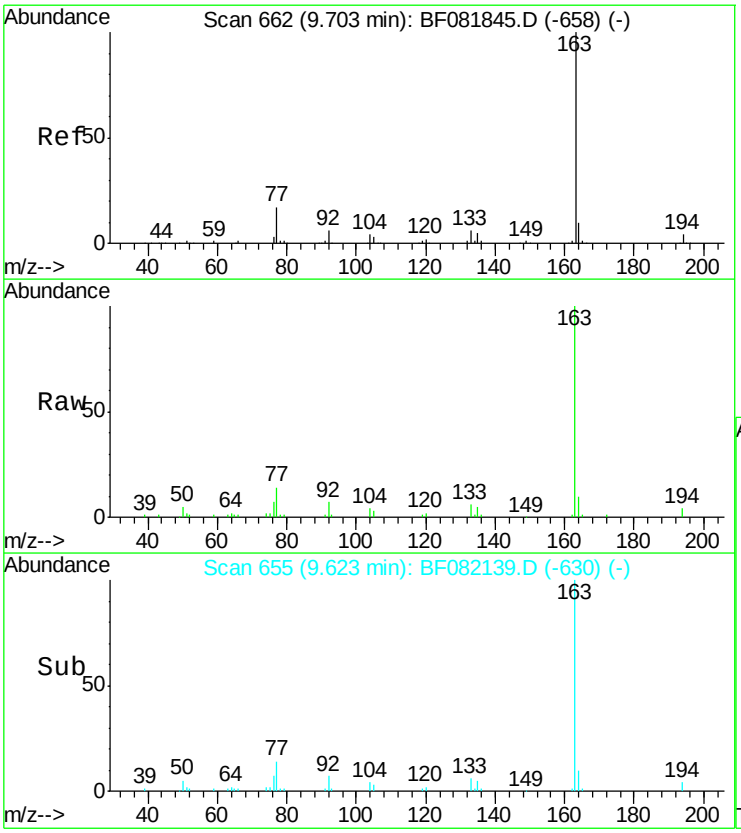
#44
2-Fluorobiphenyl
Concen: 111.24 ng
RT: 9.22 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF082139.D
Acq: 8 Oct 2015 21:12

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:172 Resp: 951620

Ion	Ratio	Lower	Upper
172	100		
171	36.2	26.1	39.1
170	24.4	17.4	26.2

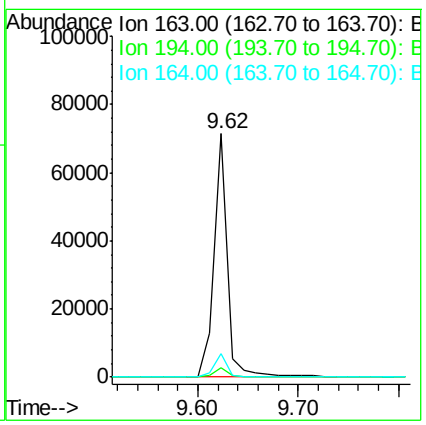


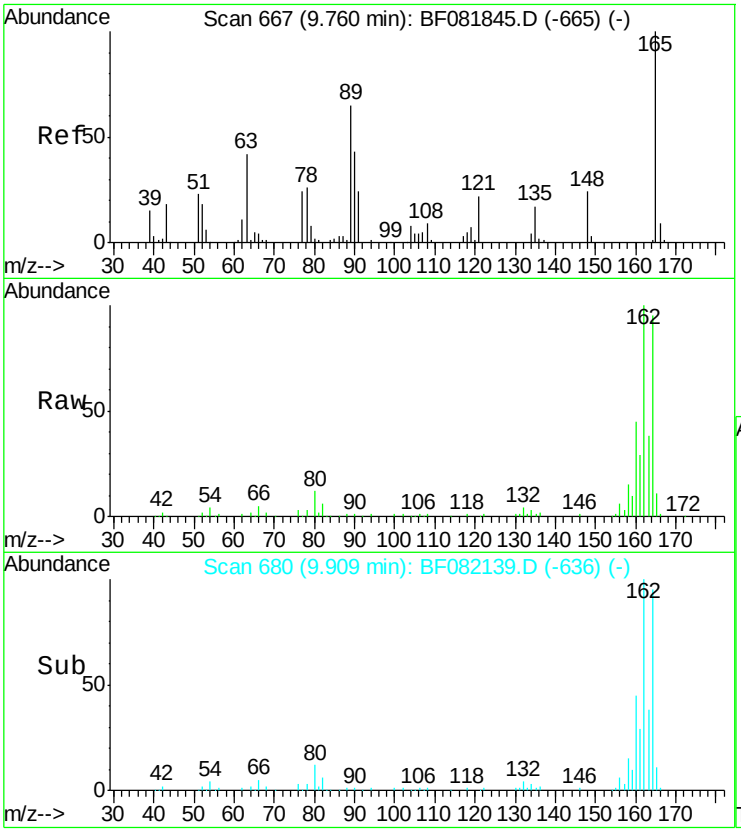


#49
Dimethylphthalate
Concen: 6.23 ng
RT: 9.62 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF082139.D
Acq: 8 Oct 2015 21:12

Tgt Ion:163 Resp: 65468

Ion	Ratio	Lower	Upper
163	100		
194	3.6	4.4	6.6#
164	9.5	8.3	12.5



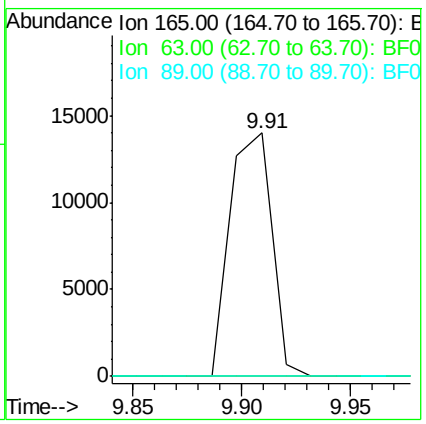


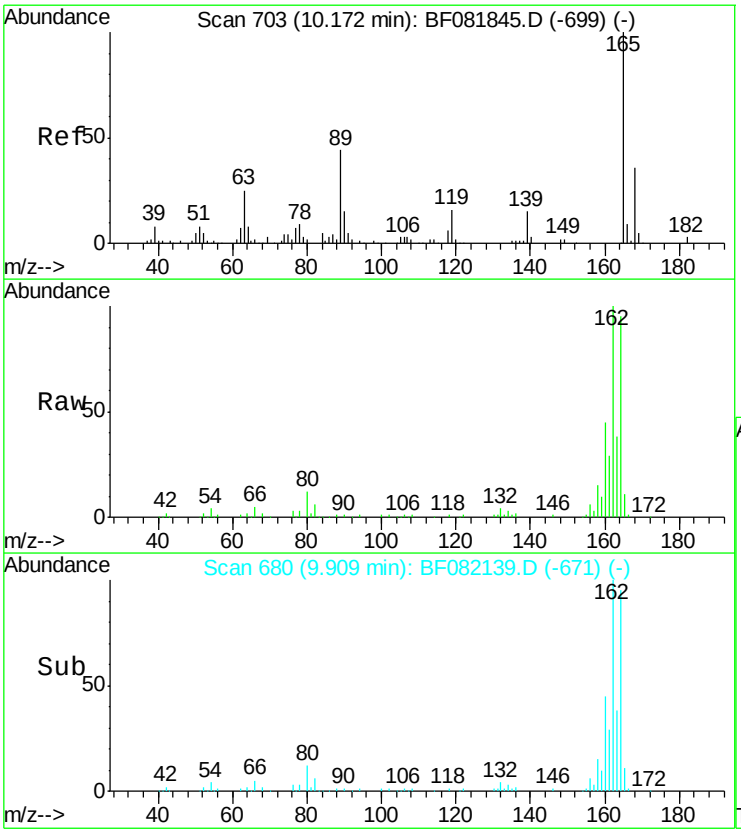
#50
2,6-Dinitrotoluene
Concen: 8.23 ng
RT: 9.91 min Scan# 680
Delta R.T. 0.21 min
Lab File: BF082139.D
Acq: 8 Oct 2015 21:12

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:165 Resp: 18755

Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#

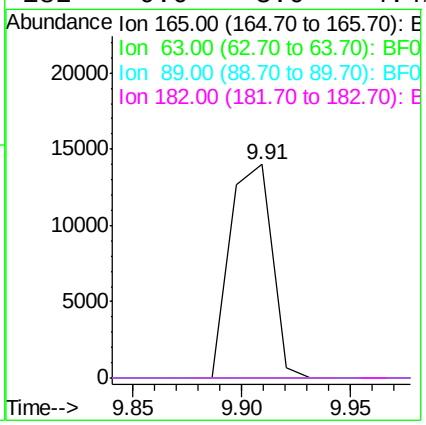


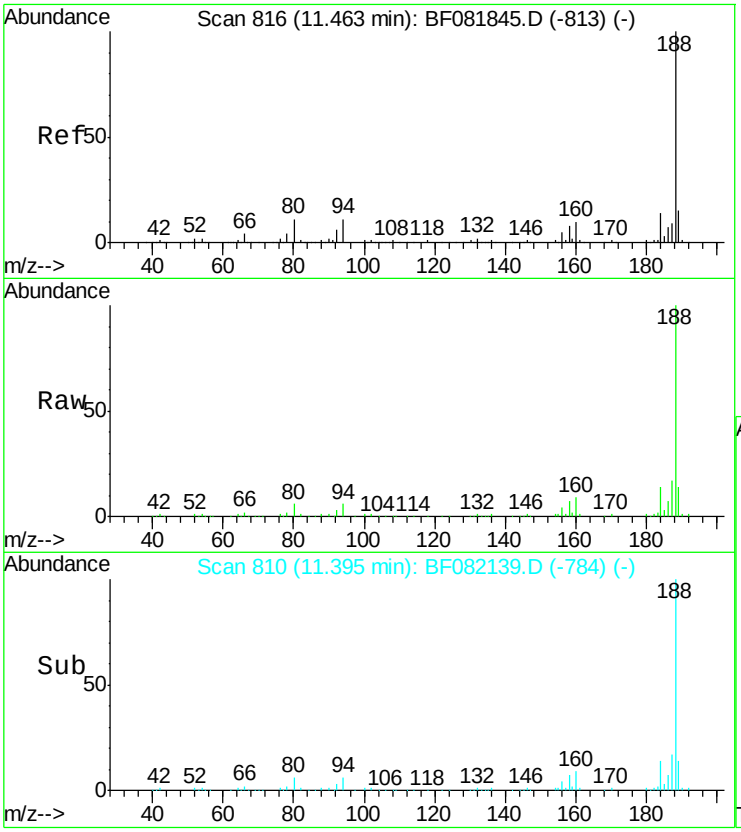


#56
2,4-Dinitrotoluene
Concen: 6.45 ng
RT: 9.91 min Scan# 680
Delta R.T. -0.19 min
Lab File: BF082139.D
Acq: 8 Oct 2015 21:12

Tgt Ion:165 Resp: 18755

Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



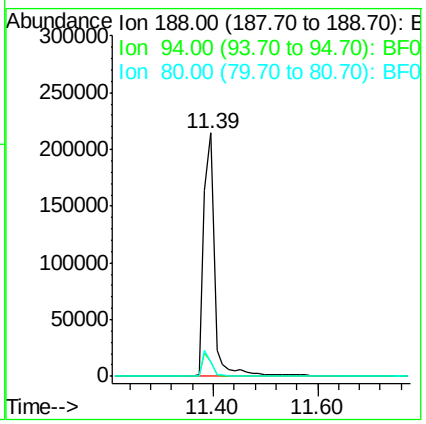


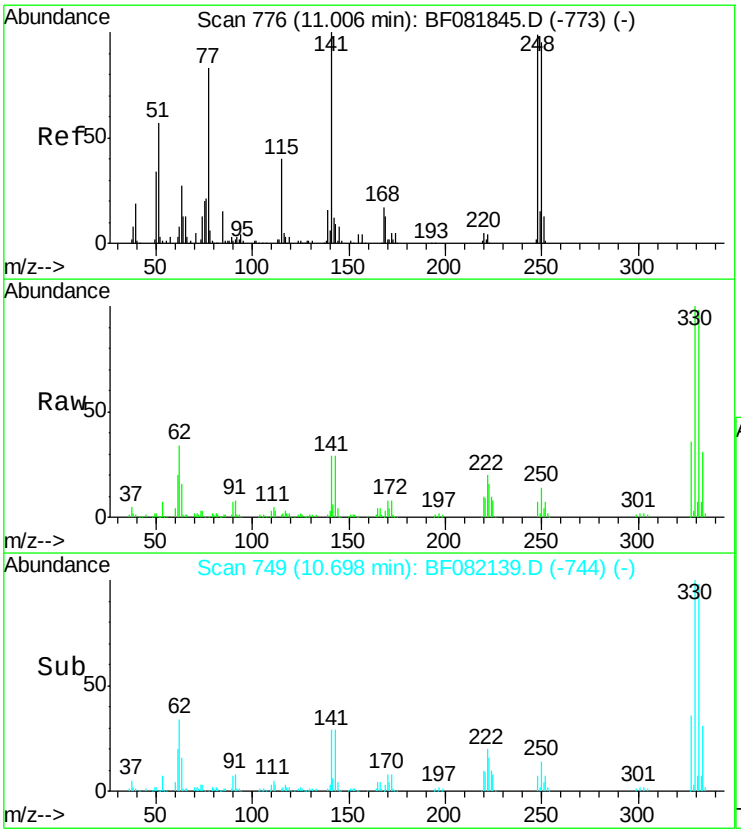
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF082139.D
Acq: 8 Oct 2015 21:12

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:188 Resp: 310997

Ion	Ratio	Lower	Upper
188	100		
94	6.1	11.1	16.7#
80	6.1	11.0	16.4#

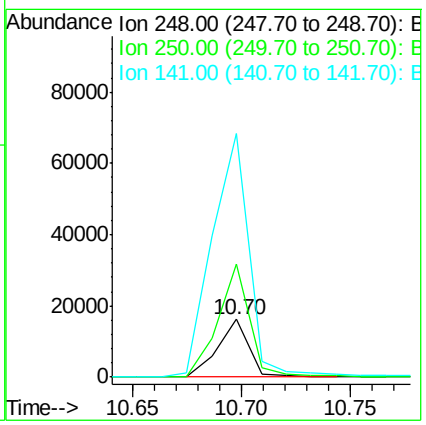


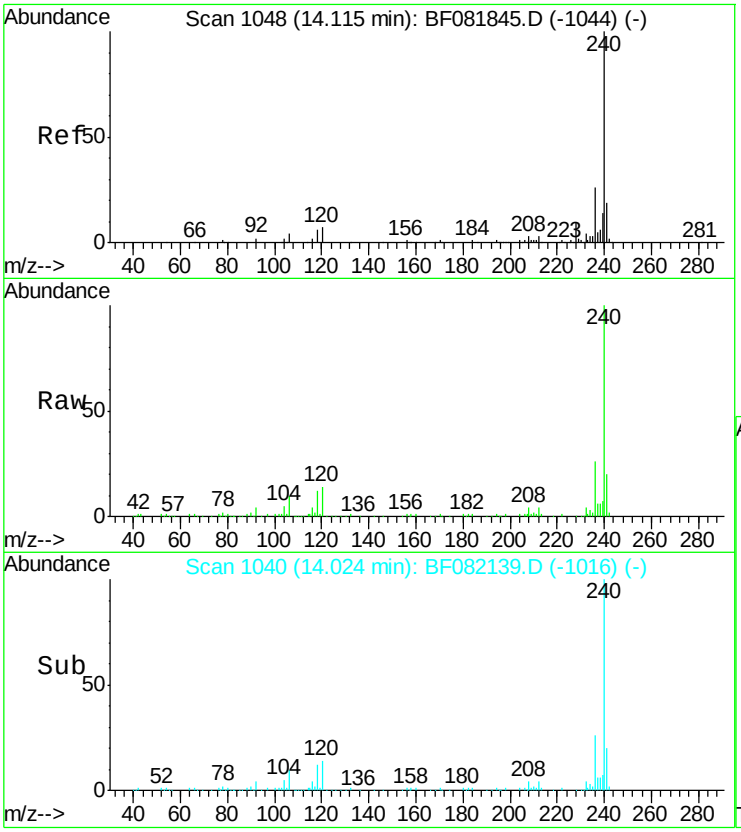


#66
4-Bromophenyl-phenylether
Concen: 5.12 ng
RT: 10.70 min Scan# 749
Delta R.T. -0.24 min
Lab File: BF082139.D
Acq: 8 Oct 2015 21:12

Tgt Ion:248 Resp: 16042

Ion	Ratio	Lower	Upper
248	100		
250	194.4	78.5	117.7#
141	420.5	59.0	88.6#



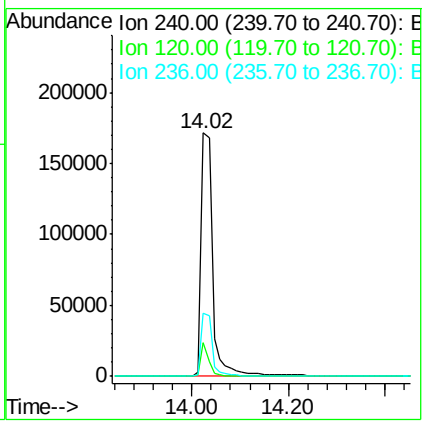


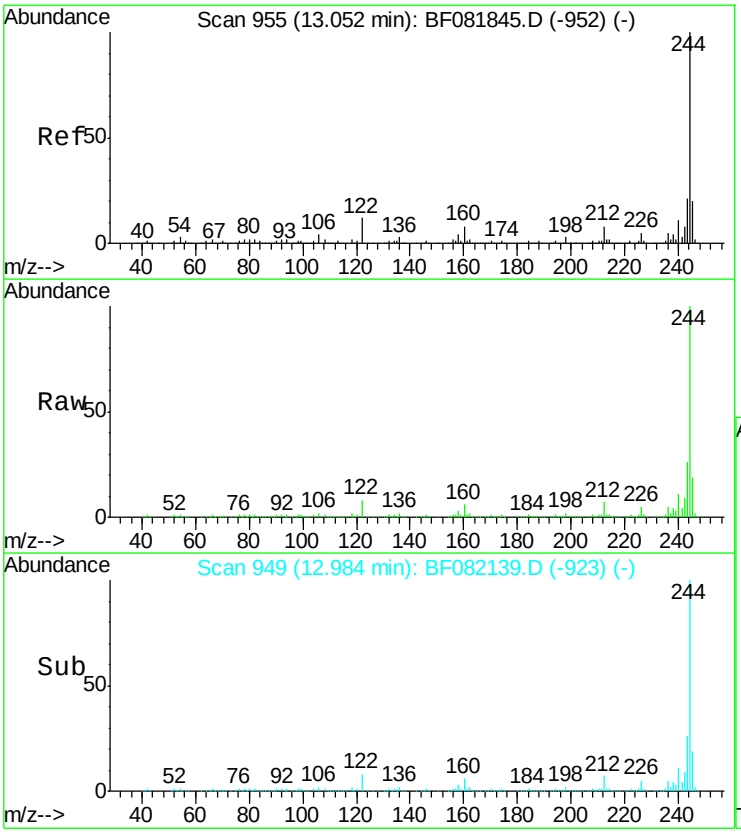
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BF082139.D
Acq: 8 Oct 2015 21:12

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:240 Resp: 287795

Ion	Ratio	Lower	Upper
240	100		
120	13.6	16.2	24.2#
236	25.7	18.4	27.6

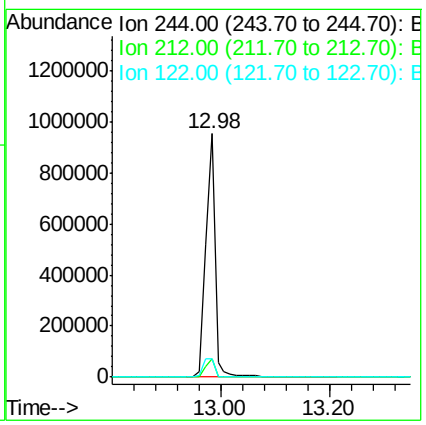


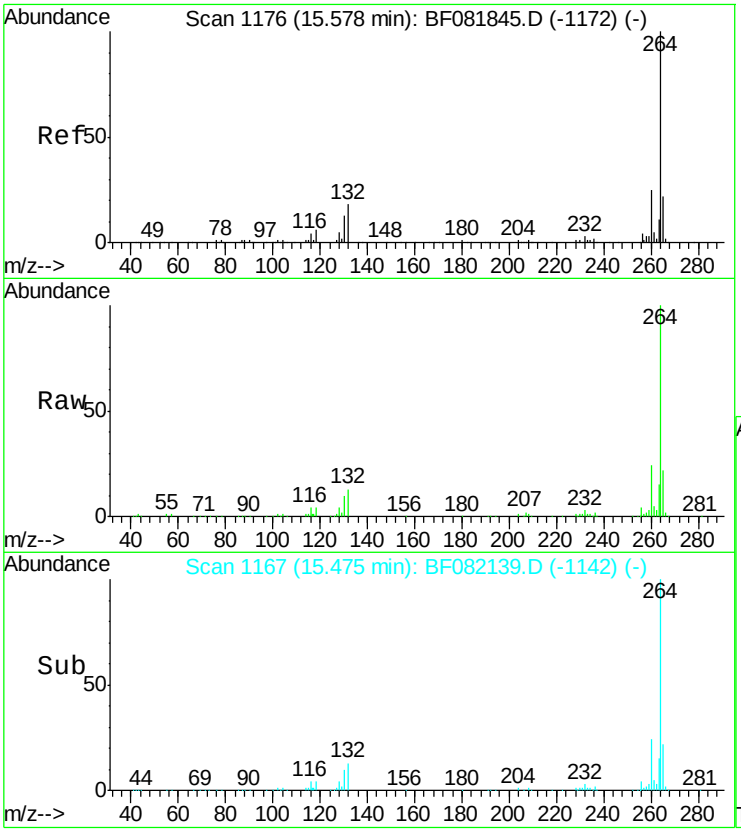


#78
Terphenyl-d14
Concen: 172.18 ng
RT: 12.98 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF082139.D
Acq: 8 Oct 2015 21:12

Tgt Ion:244 Resp: 1120888

Ion	Ratio	Lower	Upper
244	100		
212	7.4	4.3	6.5#
122	7.7	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF082139.D
Acq: 8 Oct 2015 21:12

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:264 Resp: 213672

Ion	Ratio	Lower	Upper
264	100		
260	23.6	16.7	25.1
265	21.6	17.2	25.8