Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085937.D
Acq On : 31 Mar 2016 19:50
Operator : UM/SJ
Sample : H1976-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Time: Mar 31 21:48:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 12:31:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	117581	20.00	ng		-0.01
21) Naphthalene-d8	8.07	136	453802	20.00	ng		-0.02
38) Acenaphthene-d10	9.83	164	205229	20.00	ng		-0.01
63) Phenanthrene-d10	11.32	188	339625	20.00	ng		-0.01
75) Chrysene-d12	13.95	240	211952	20.00	ng		-0.02
86) Perylene-d12	15.36	264	214561	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	458328	64.92	ng		-0.01
7) Phenol-d6	6.42	99	380330	42.37	ng		-0.02
23) Nitrobenzene-d5	7.36	82	795497	98.72	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	257733	132.18	ng		-0.01
44) 2-Fluorobiphenyl	9.16	172	1265545	103.03	ng		-0.01
78) Terphenyl-d14	12.89	244	880570	85.44	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.55	77	16376	3.03	ng		81
19) n-Nitroso-di-n-propylamine	7.36	70	103912	19.33	ng	#	74
25) Isophorone	7.36	82	783218	50.45	ng	#	68
49) Dimethylphthalate	9.54	163	50244	3.23	ng		99
50) 2,6-Dinitrotoluene	9.83	165	25481	7.60	ng	#	19
56) 2,4-Dinitrotoluene	9.83	165	25481	5.98	ng	#	37
66) 4-Bromophenyl-phenylether	10.62	248	17287	4.98	ng	#	1

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

Quantitation Report (Not Reviewed)

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Acq On : 31 Mar 2016 19:50
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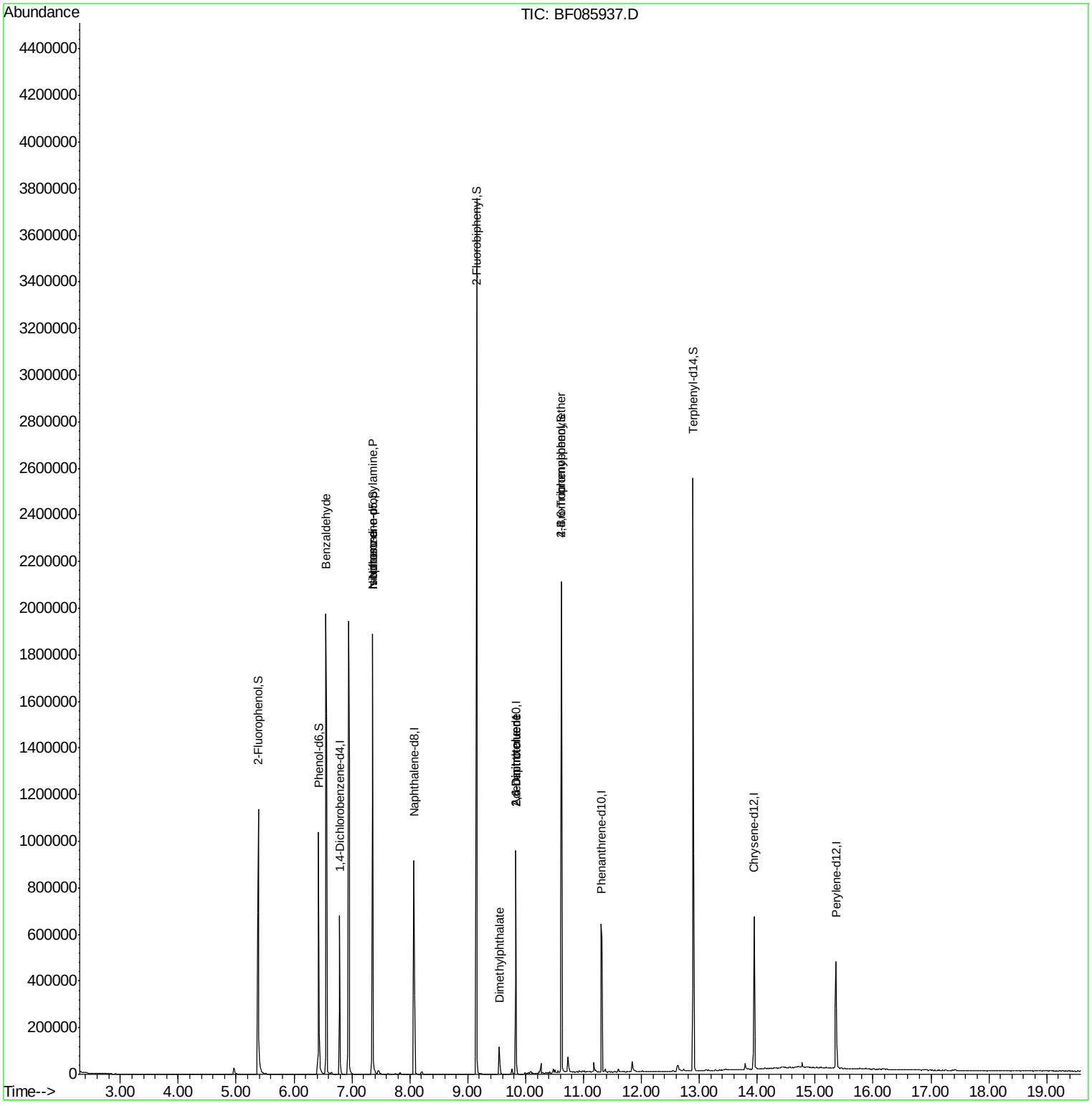
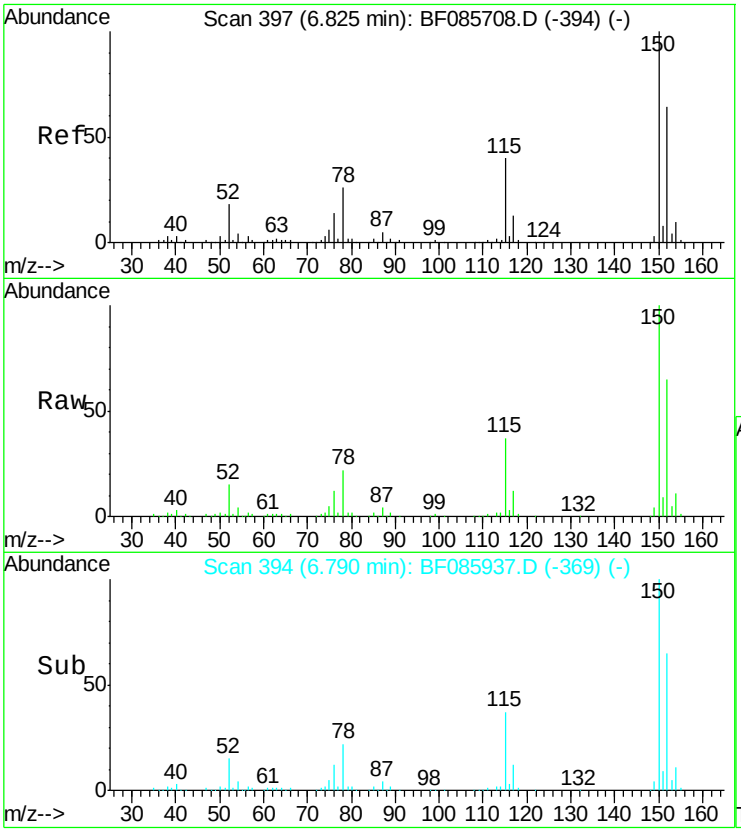


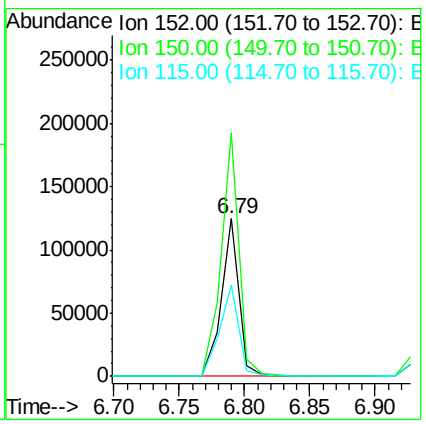


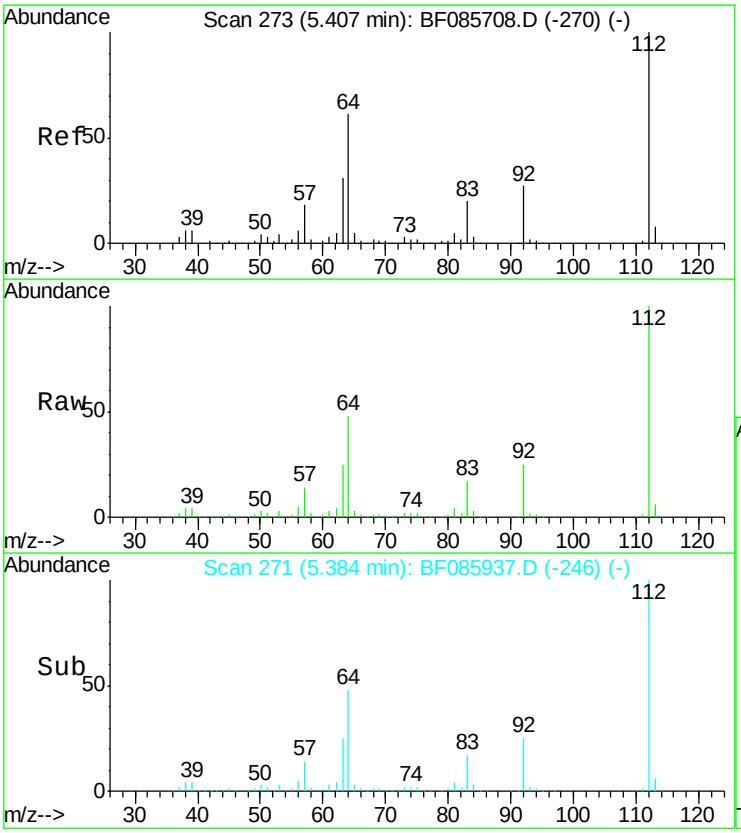
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF085937.D
Acq: 31 Mar 2016 19:50

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:152 Resp: 117581

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.2	186.2
115	57.6	47.0	70.6

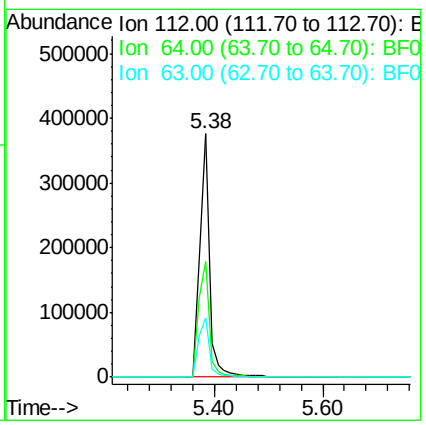


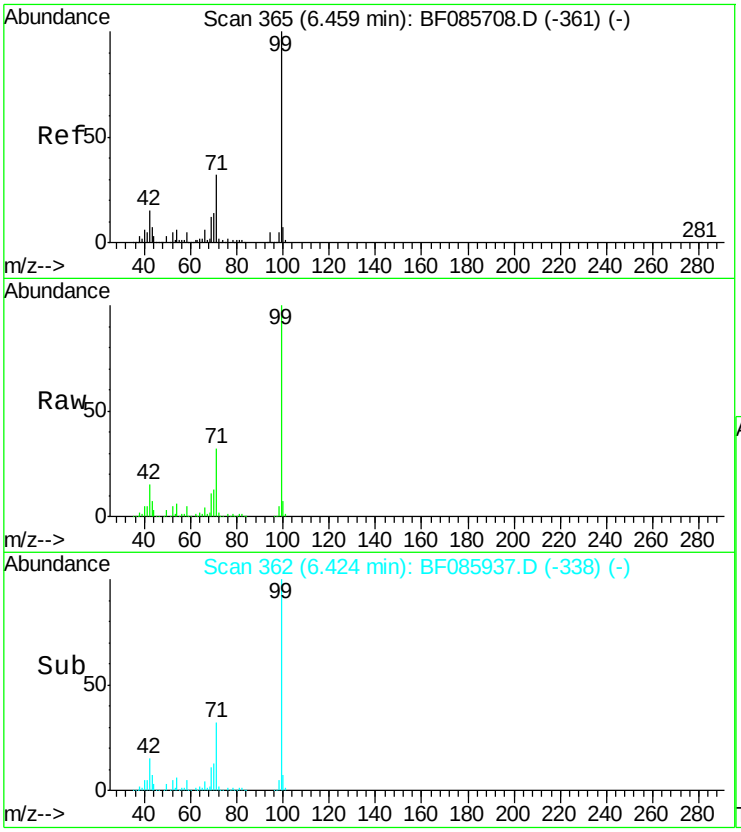


#5
2-Fluorophenol
Concen: 64.92 ng
RT: 5.38 min Scan# 271
Delta R.T. -0.01 min
Lab File: BF085937.D
Acq: 31 Mar 2016 19:50

Tgt Ion:112 Resp: 458328

Ion	Ratio	Lower	Upper
112	100		
64	47.5	39.9	59.9
63	24.6	20.2	30.2



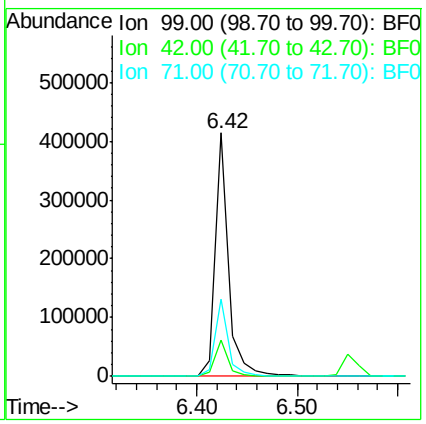


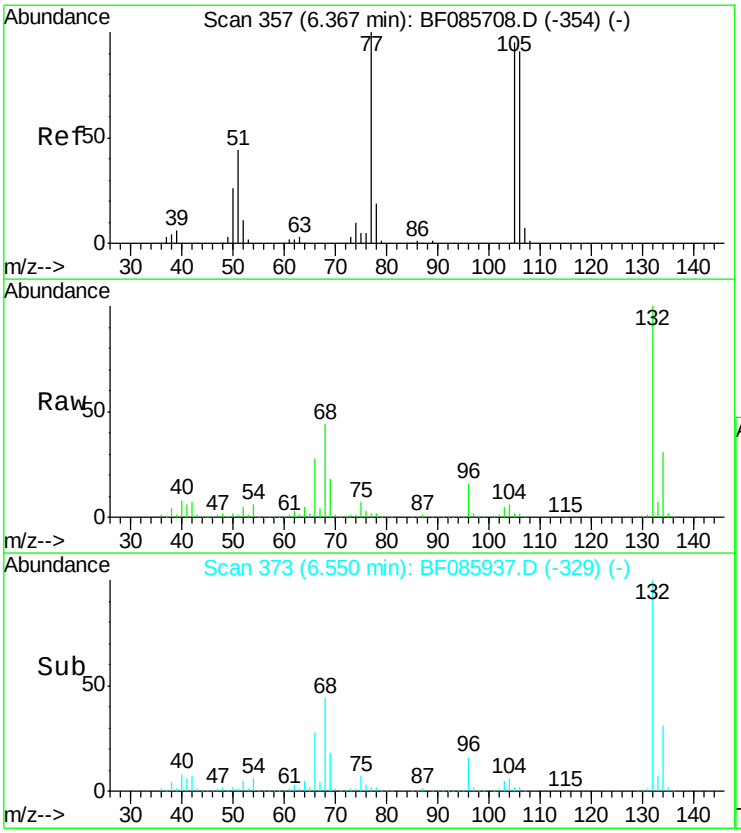
#7
Phenol-d6
Concen: 42.37 ng
RT: 6.42 min Scan# 362
Delta R.T. -0.02 min
Lab File: BF085937.D
Acq: 31 Mar 2016 19:50

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 99 Resp: 380330

Ion	Ratio	Lower	Upper
99	100		
42	14.7	11.1	16.7
71	31.6	24.9	37.3

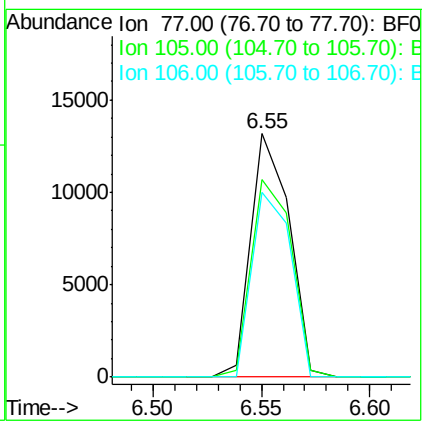


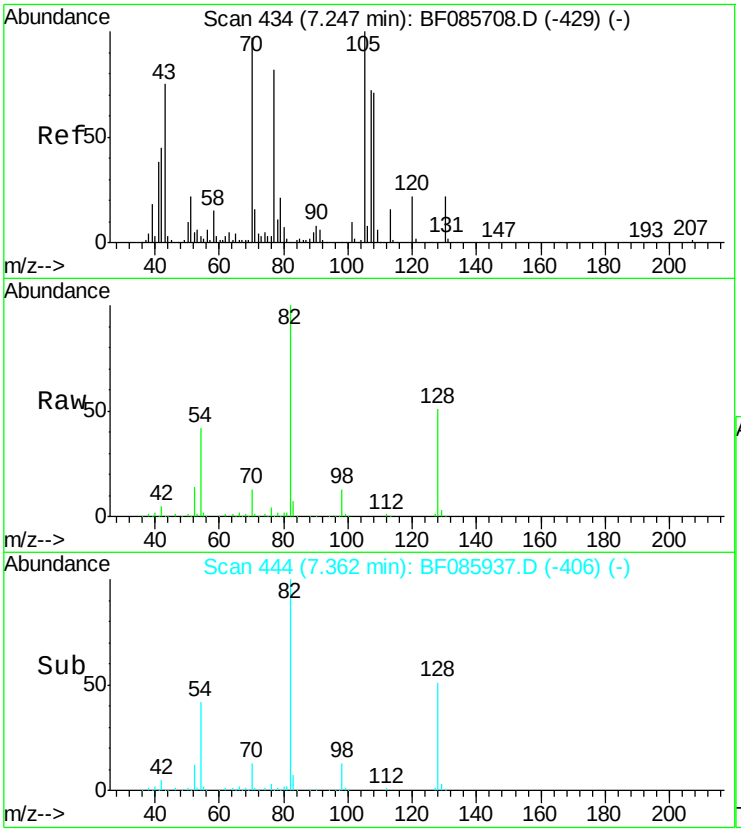


#9
Benzaldehyde
Concen: 3.03 ng
RT: 6.55 min Scan# 373
Delta R.T. 0.21 min
Lab File: BF085937.D
Acq: 31 Mar 2016 19:50

Tgt Ion: 77 Resp: 16376

Ion	Ratio	Lower	Upper
77	100		
105	81.1	80.1	120.1
106	75.7	75.0	115.0



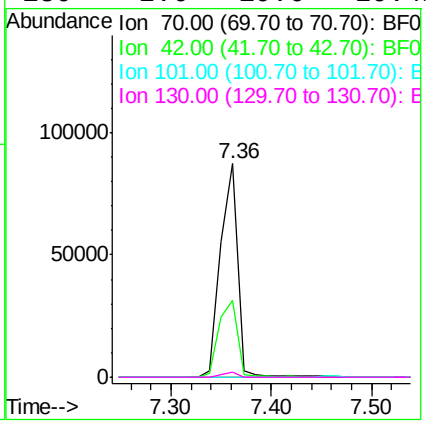


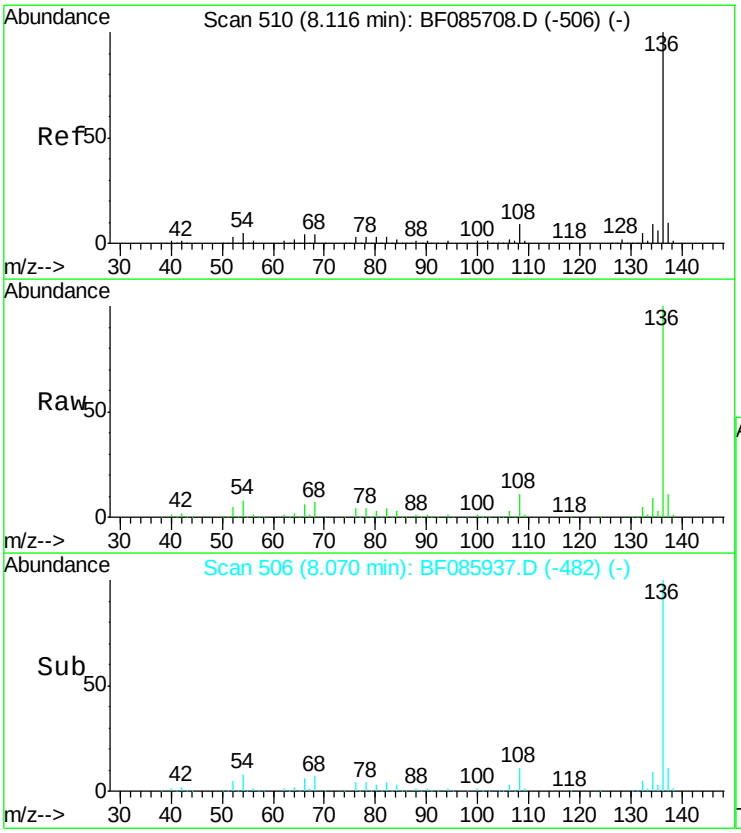
#19
n-Nitroso-di-n-propylamine
Concen: 19.33 ng
RT: 7.36 min Scan# 444
Delta R.T. 0.14 min
Lab File: BF085937.D
Acq: 31 Mar 2016 19:50

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 70 Resp: 103912

Ion	Ratio	Lower	Upper
70	100		
42	35.9	37.1	55.7#
101	0.0	8.6	12.8#
130	2.6	19.6	29.4#

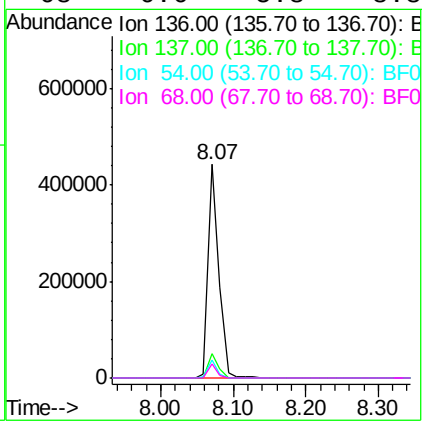


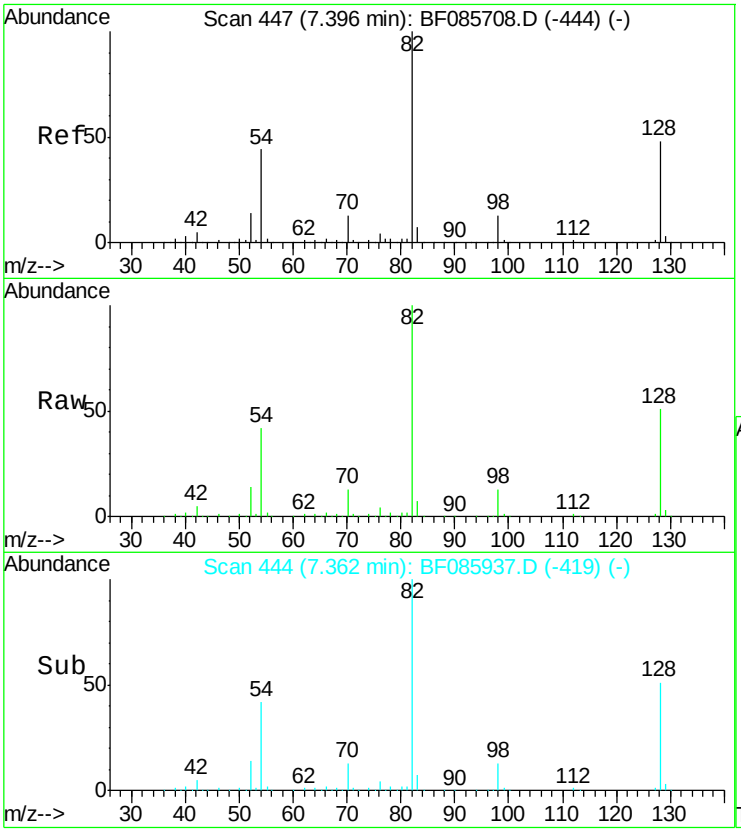


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF085937.D
Acq: 31 Mar 2016 19:50

Tgt Ion:136 Resp: 453802

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.4	7.4	11.0
68	6.6	5.8	8.8



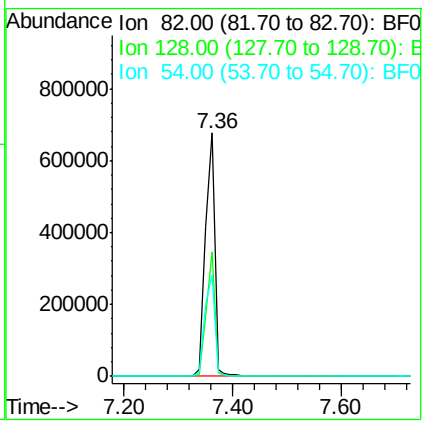


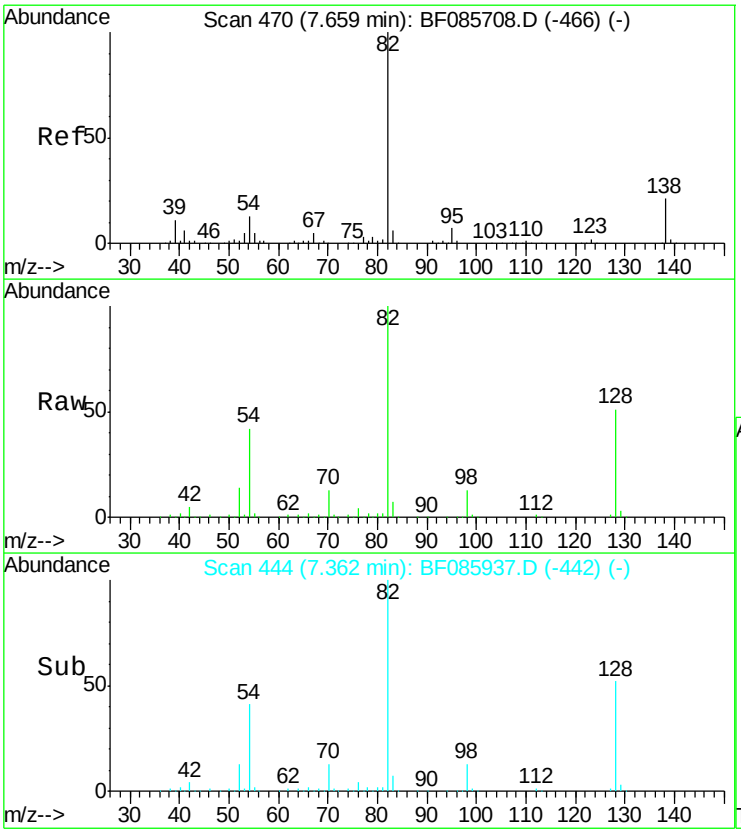
#23
Nitrobenzene-d5
Concen: 98.72 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085937.D
Acq: 31 Mar 2016 19:50

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 82 Resp: 795497

Ion	Ratio	Lower	Upper
82	100		
128	51.1	41.8	62.8
54	41.8	33.4	50.0

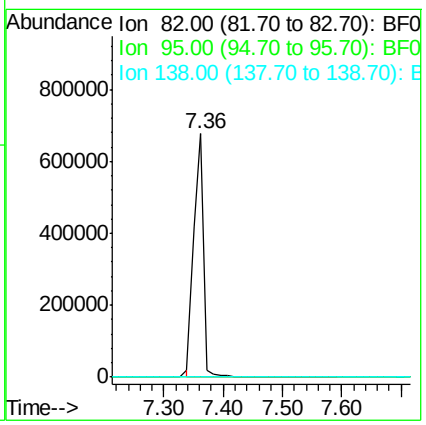


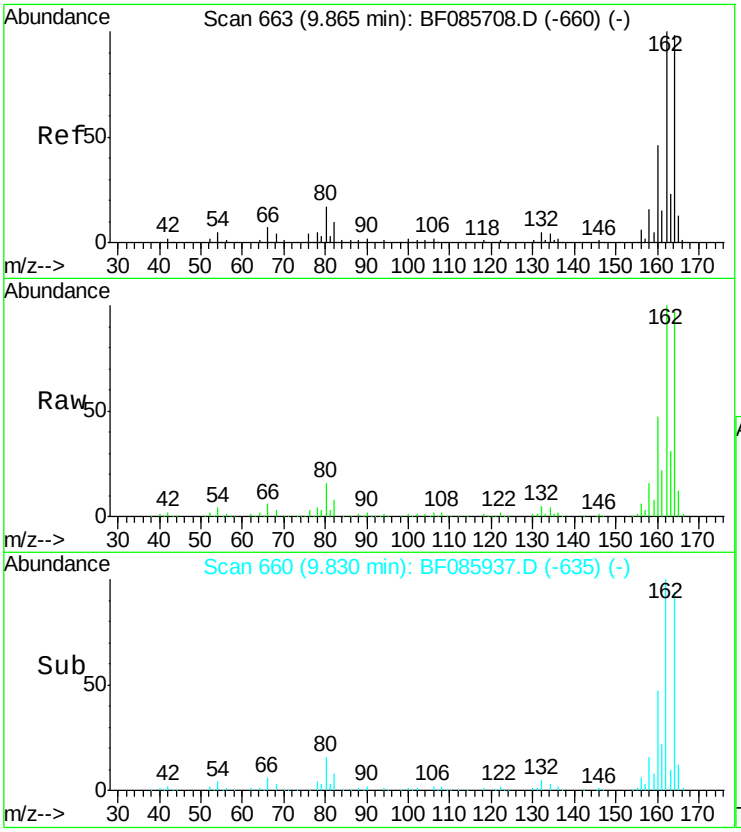


#25
Isophorone
Concen: 50.45 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.27 min
Lab File: BF085937.D
Acq: 31 Mar 2016 19:50

Tgt Ion: 82 Resp: 783218

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



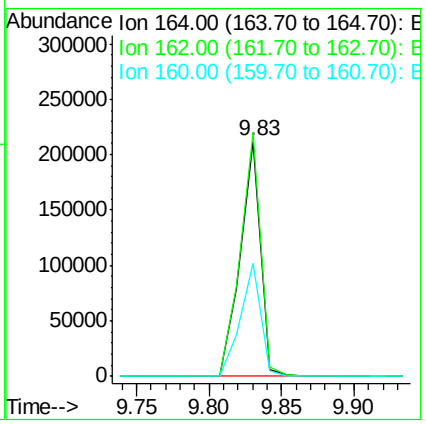


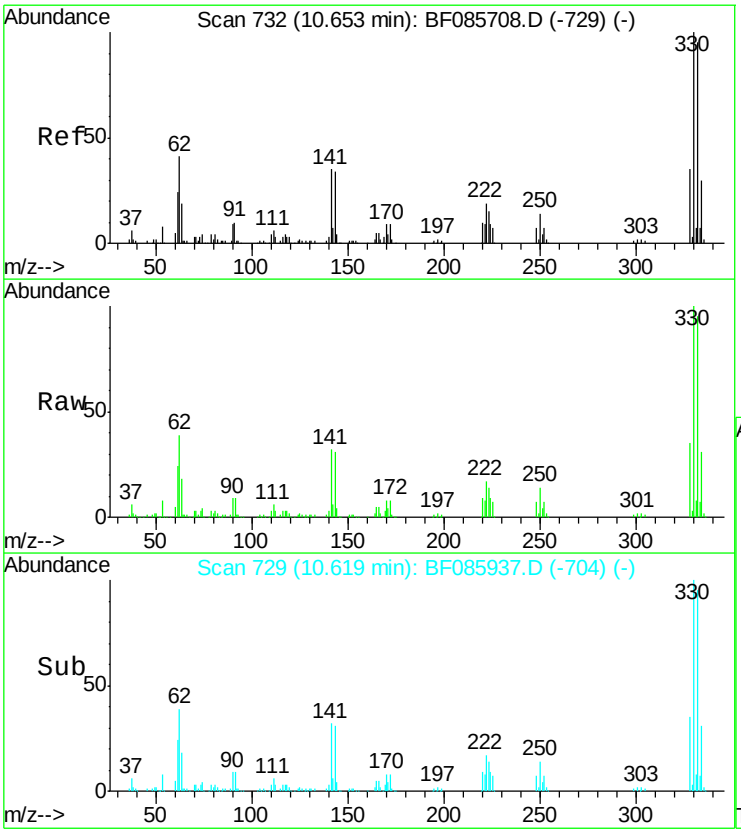
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF085937.D
Acq: 31 Mar 2016 19:50

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:164 Resp: 205229

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.1	123.1
160	48.3	37.4	56.2

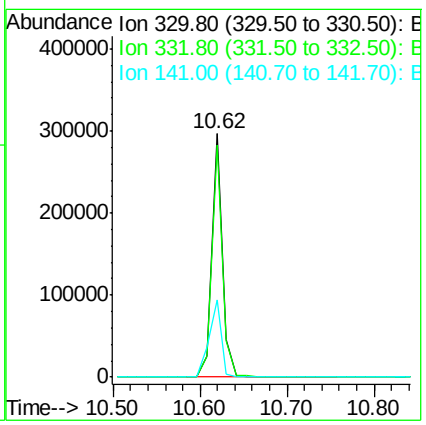


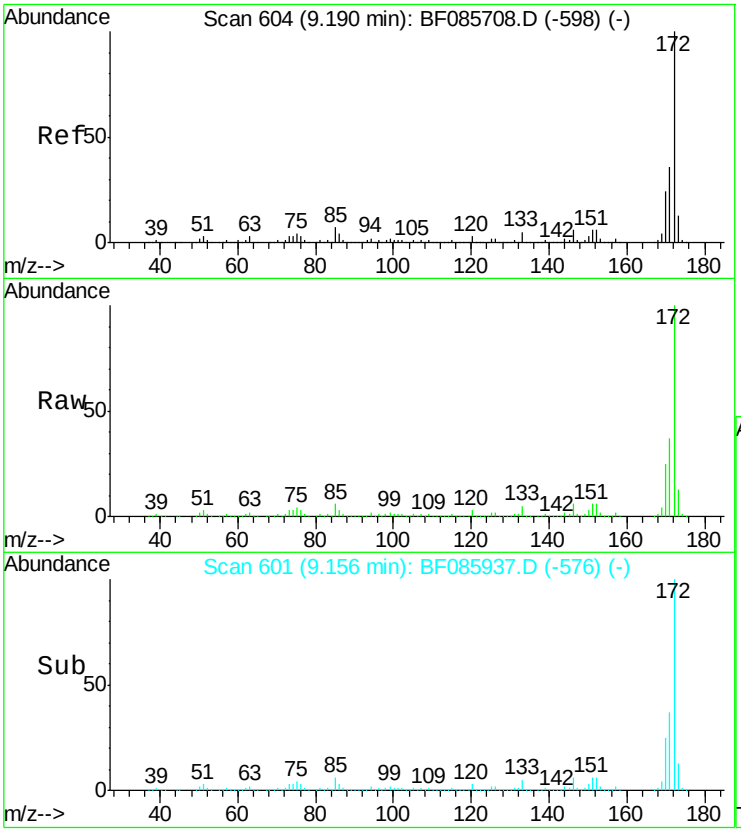


#41
2,4,6-Tribromophenol
Concen: 132.18 ng
RT: 10.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF085937.D
Acq: 31 Mar 2016 19:50

Tgt Ion:330 Resp: 257733

Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.2	117.2
141	36.8	31.5	47.3



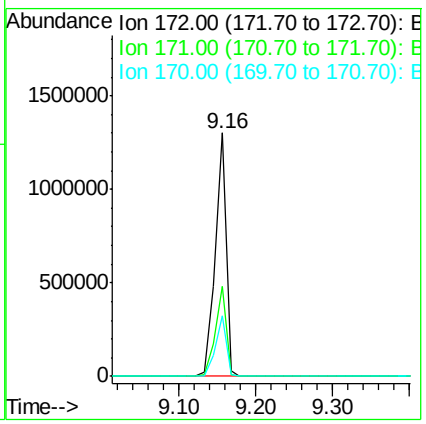


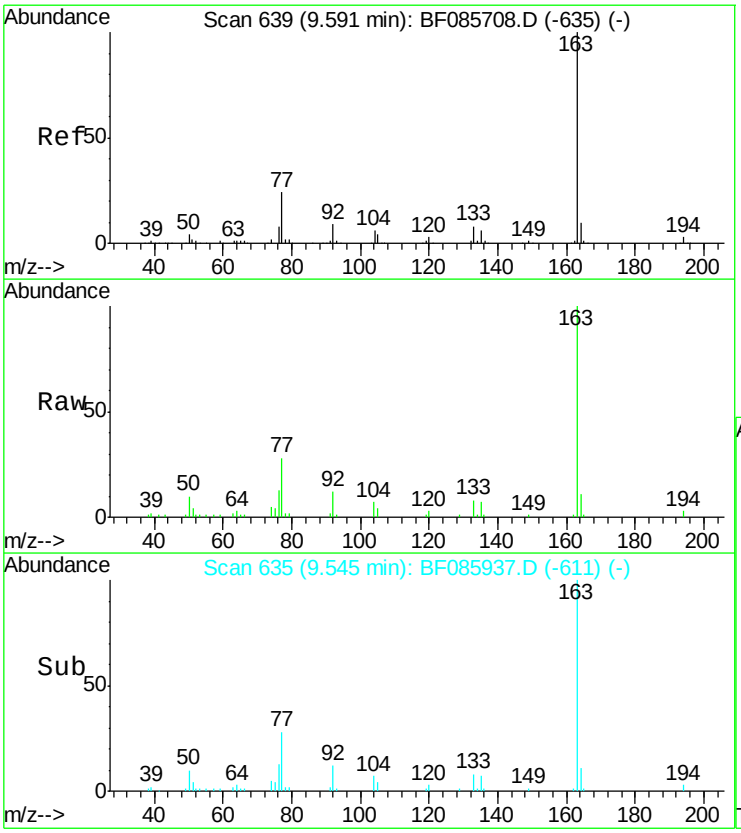
#44
2-Fluorobiphenyl
Concen: 103.03 ng
RT: 9.16 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF085937.D
Acq: 31 Mar 2016 19:50

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:172 Resp: 1265545

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.2
170	24.9	19.8	29.6

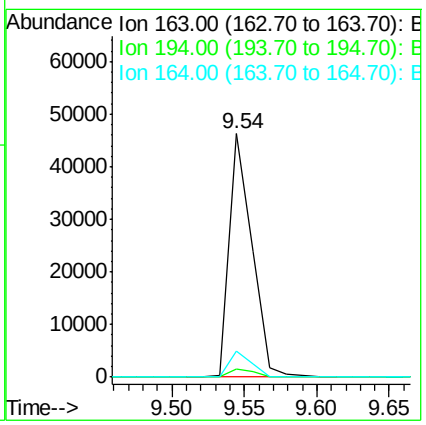


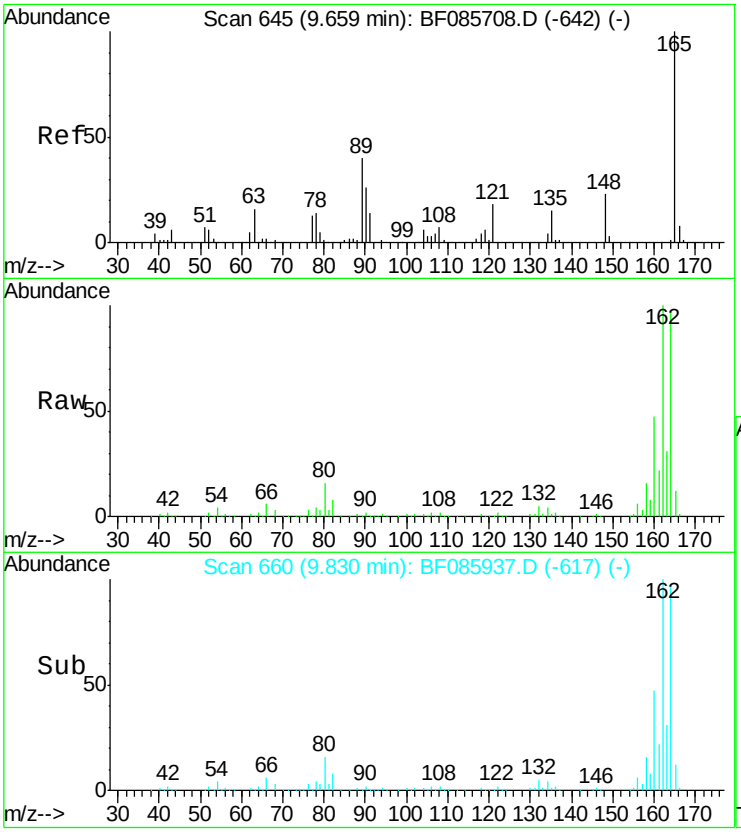


#49
Dimethylphthalate
Concen: 3.23 ng
RT: 9.54 min Scan# 635
Delta R.T. -0.02 min
Lab File: BF085937.D
Acq: 31 Mar 2016 19:50

Tgt Ion:163 Resp: 50244

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.9	4.3
164	10.6	8.3	12.5



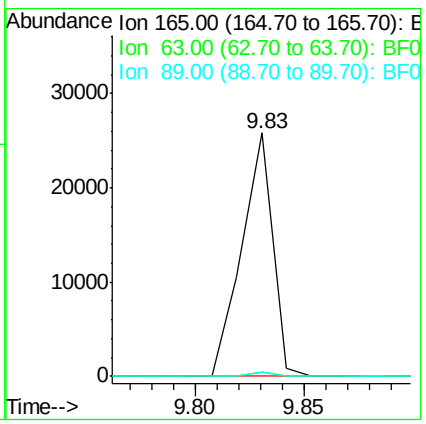


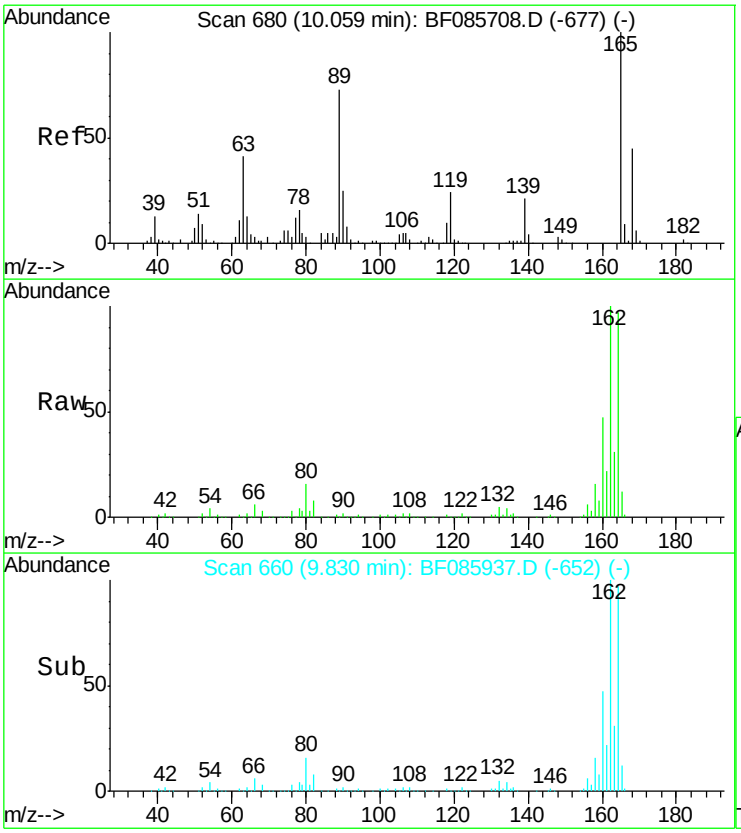
#50
2,6-Dinitrotoluene
Concen: 7.60 ng
RT: 9.83 min Scan# 660
Delta R.T. 0.19 min
Lab File: BF085937.D
Acq: 31 Mar 2016 19:50

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:165 Resp: 25481

Ion	Ratio	Lower	Upper
165	100		
63	1.5	51.8	77.8#
89	1.6	53.7	80.5#

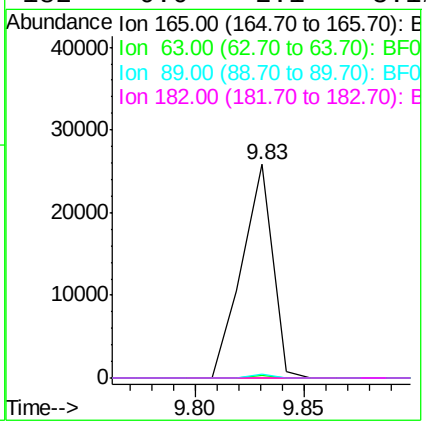


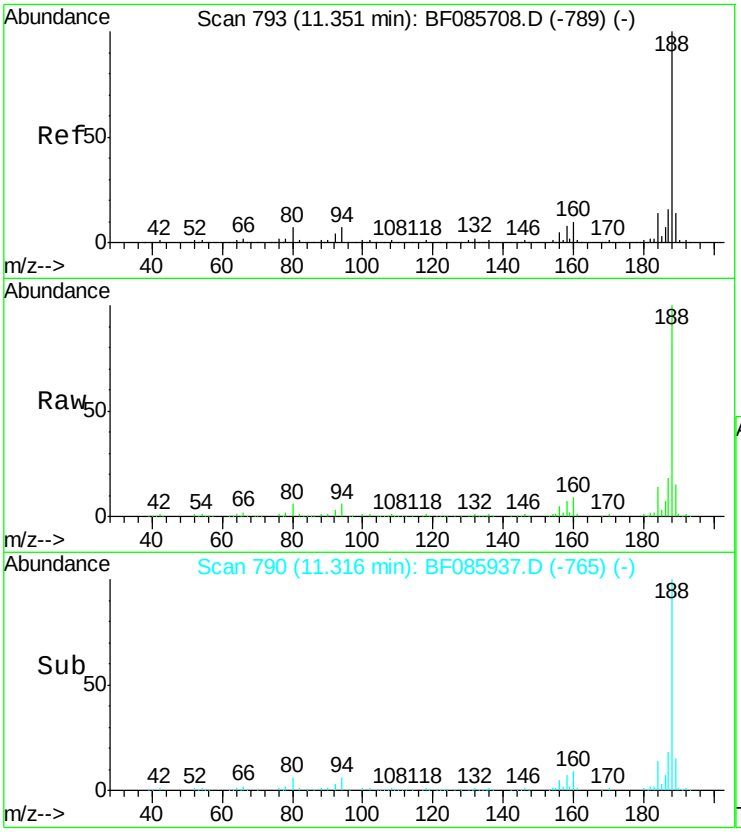


#56
2,4-Dinitrotoluene
Concen: 5.98 ng
RT: 9.83 min Scan# 660
Delta R.T. -0.21 min
Lab File: BF085937.D
Acq: 31 Mar 2016 19:50

Tgt Ion:165 Resp: 25481

Ion	Ratio	Lower	Upper
165	100		
63	1.5	24.9	37.3#
89	1.6	41.0	61.6#
182	0.0	2.1	3.1#



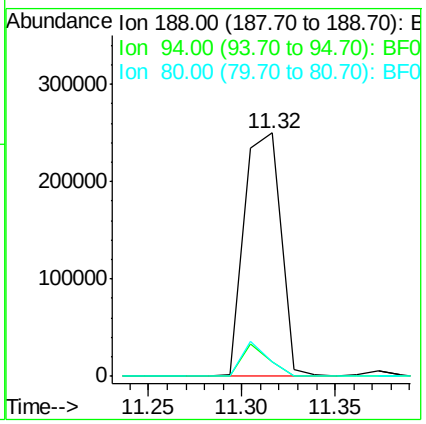


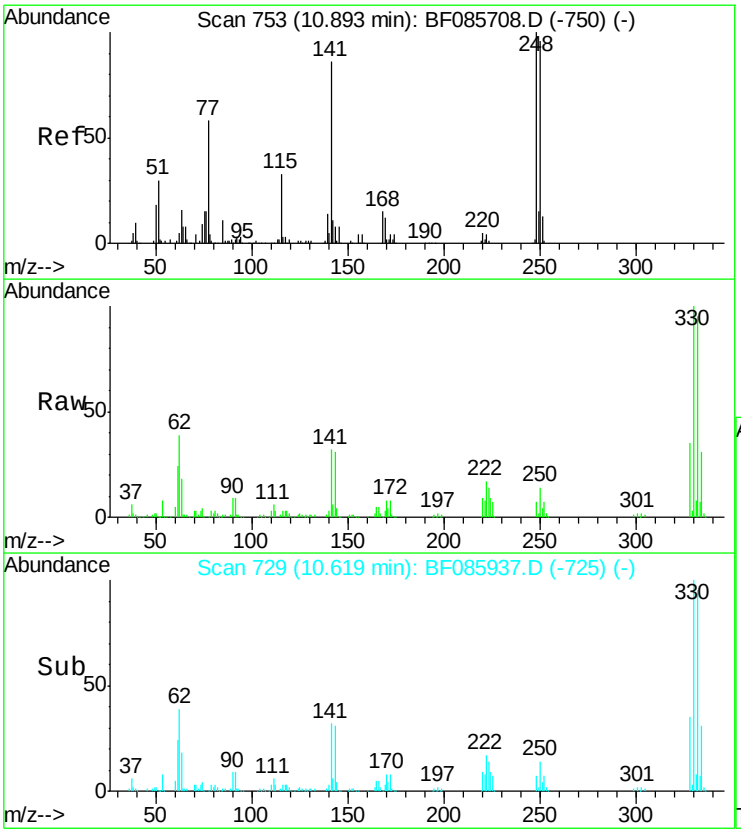
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF085937.D
Acq: 31 Mar 2016 19:50

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:188 Resp: 339625

Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.4	8.0
80	5.8	5.5	8.3

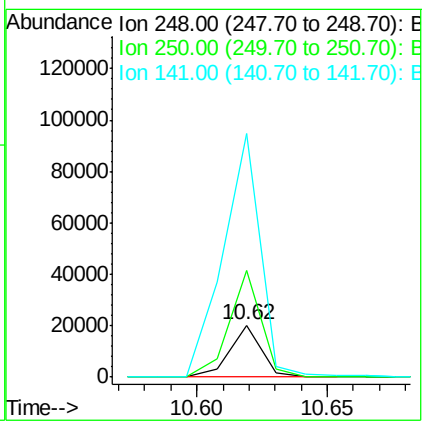


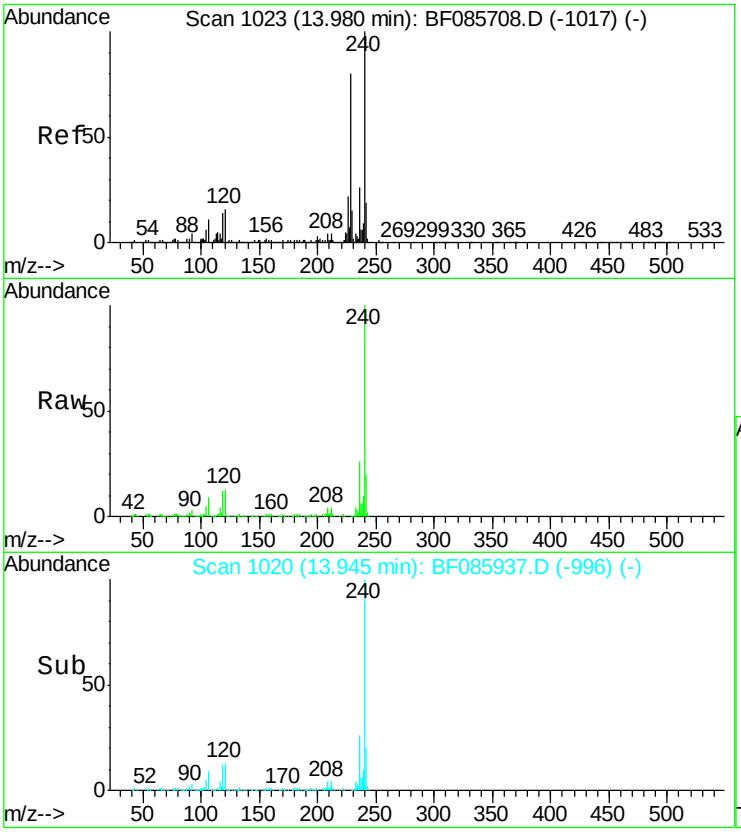


#66
4-Bromophenyl-phenylether
Concen: 4.98 ng
RT: 10.62 min Scan# 729
Delta R.T. -0.25 min
Lab File: BF085937.D
Acq: 31 Mar 2016 19:50

Tgt Ion:248 Resp: 17287

Ion	Ratio	Lower	Upper
248	100		
250	205.0	77.4	116.0#
141	466.3	63.6	95.4#



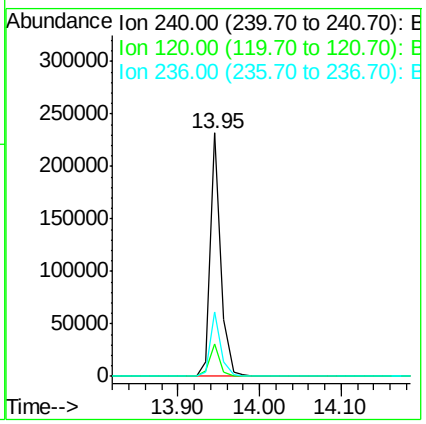


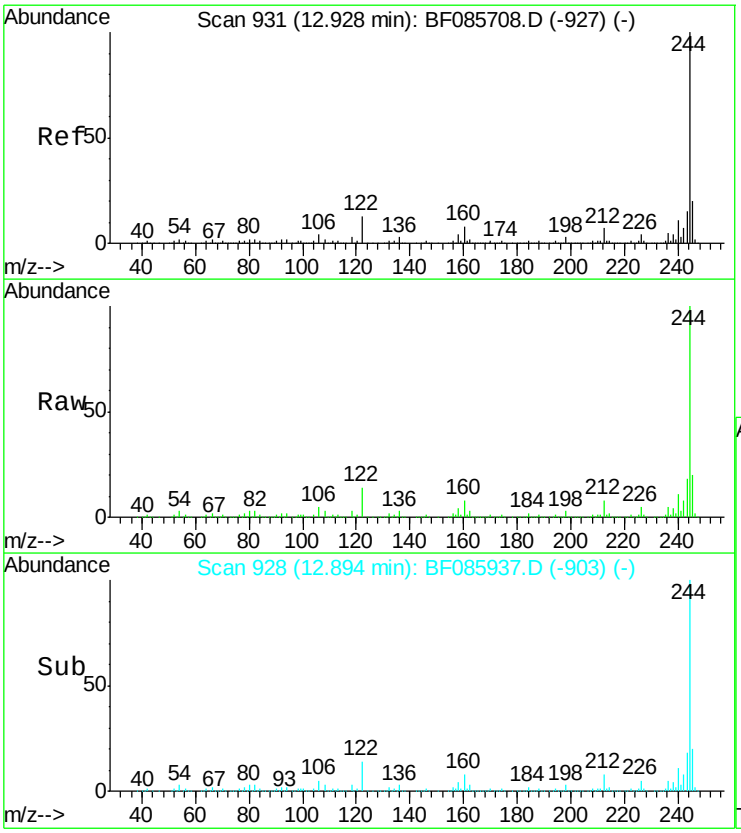
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF085937.D
Acq: 31 Mar 2016 19:50

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:240 Resp: 211952

Ion	Ratio	Lower	Upper
240	100		
120	13.3	13.8	20.8#
236	26.4	20.6	30.8

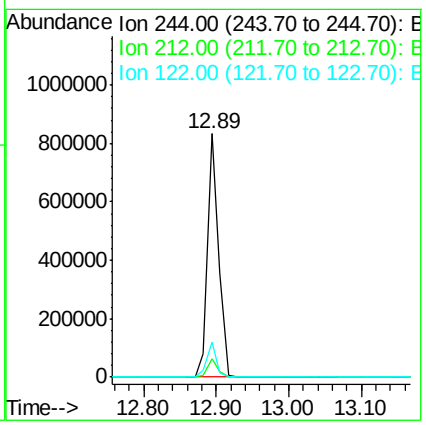


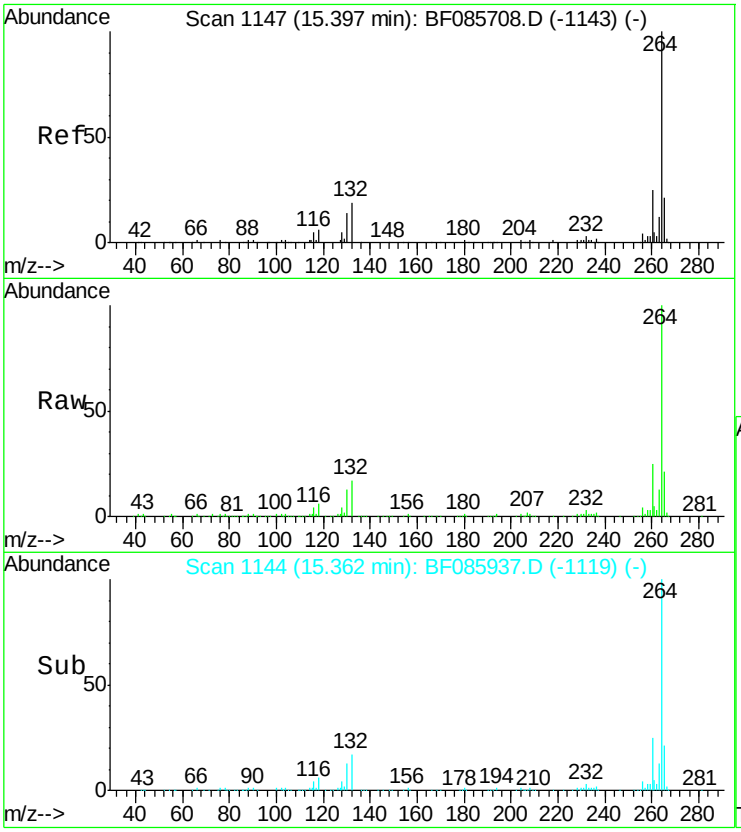


#78
Terphenyl-d14
Concen: 85.44 ng
RT: 12.89 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF085937.D
Acq: 31 Mar 2016 19:50

Tgt Ion:244 Resp: 880570

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.1	9.1
122	14.2	10.2	15.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF085937.D
Acq: 31 Mar 2016 19:50

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:264 Resp: 214561

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	20.8	17.2	25.8