Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102615\
Data File : BF082548.D
Acq On : 27 Oct 2015 13:29
Operator : UM/IZ
Sample : G4109-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1510093753

Quant Time: Oct 27 15:14:24 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 27 02:43:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	79263	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	287828	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	129380	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	197300	20.00	ng	0.00
75) Chrysene-d12	13.91	240	208938	20.00	ng	0.00
86) Perylene-d12	15.36	264	150420	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	320249	79.76	ng	0.01
7) Phenol-d6	6.38	99	402725	76.96	ng	0.00
23) Nitrobenzene-d5	7.30	82	255247	57.21	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	59202	61.11	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	509169	62.58	ng	0.00
78) Terphenyl-d14	12.85	244	386694	53.32	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	6.88	79	9874	2.71	ng	# 85
19) n-Nitroso-di-n-propylamine	7.30	70	32382	9.50	ng	# 76
25) Isophorone	7.30	82	214145	24.16	ng	# 64
35) Caprolactam	8.61	113	2315	2.13	ng	# 1
49) Dimethylphthalate	9.50	163	33239	3.69	ng	99
55) 4-Nitrophenol	9.98	139	529	6.92	ng	# 11
56) 2,4-Dinitrotoluene	9.77	165	16601	6.93	ng	# 9
66) 4-Bromophenyl-phenylether	10.56	248	4563	2.46	ng	# 1

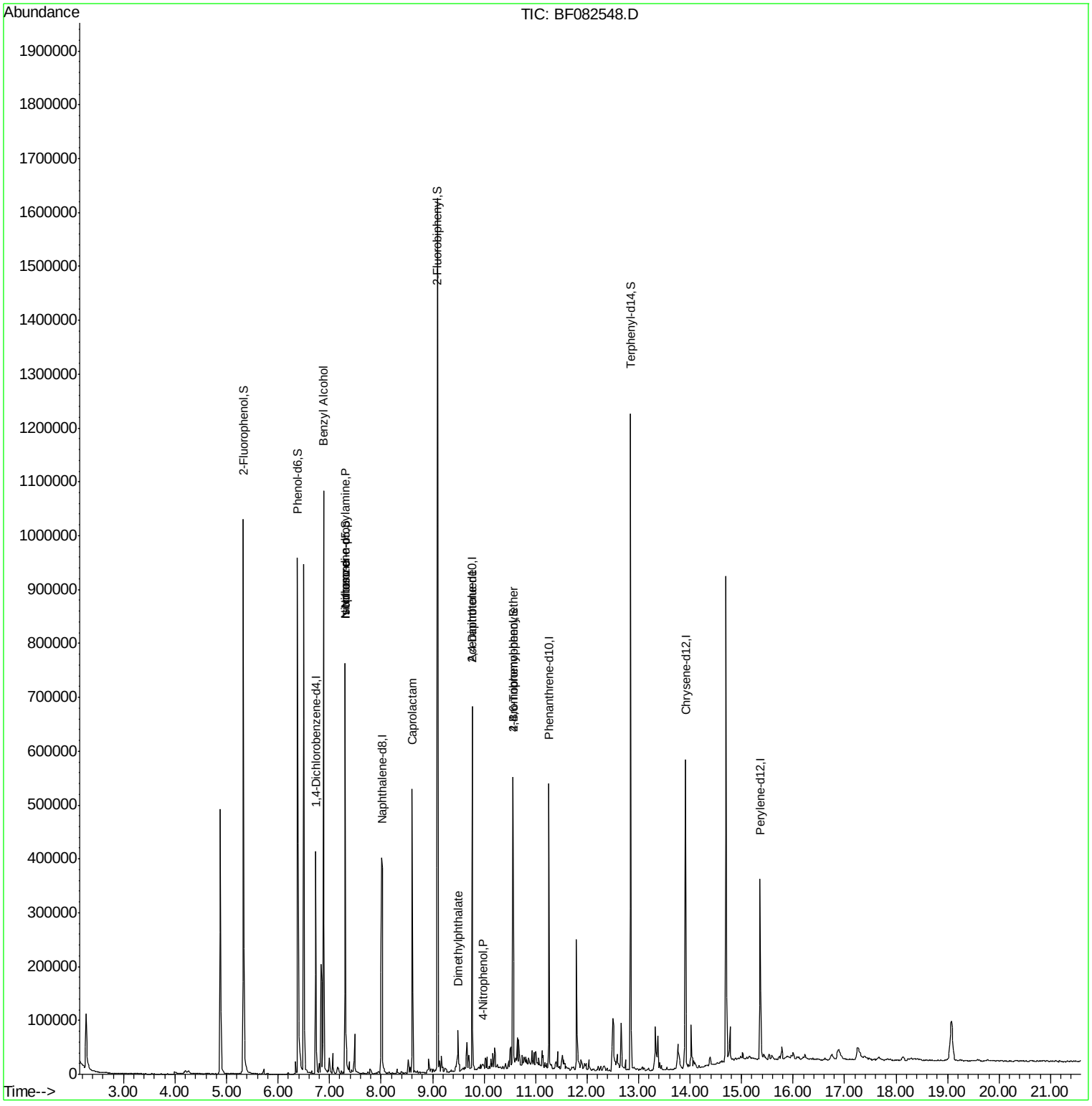
(#) = qualifier out of range (m) = manual integration (+) = signals summed

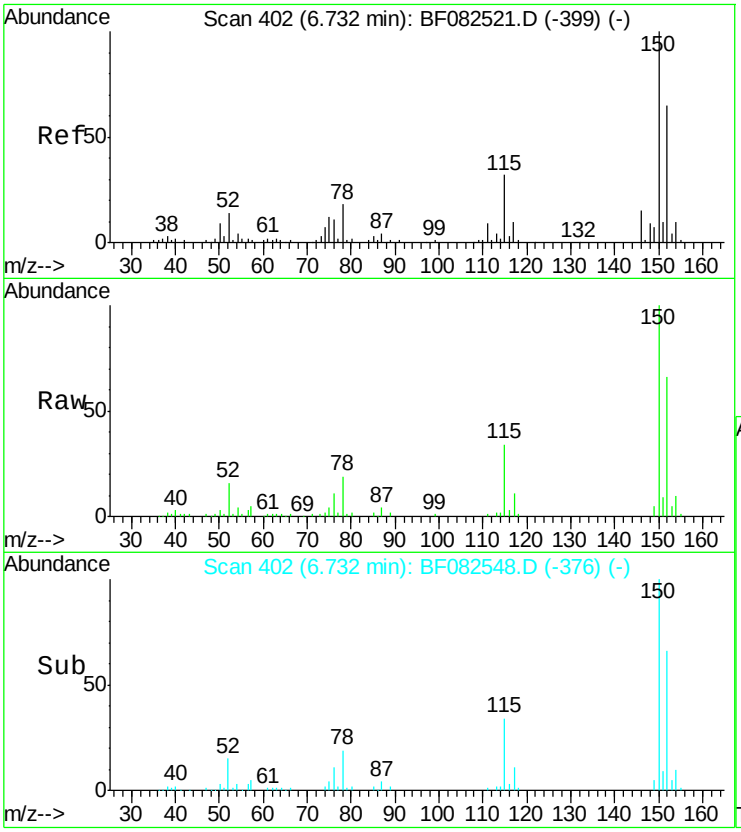
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102615\
Data File : BF082548.D
Acq On : 27 Oct 2015 13:29
Operator : UM/IZ
Sample : G4109-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1510093753

Quant Time: Oct 27 15:14:24 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 27 02:43:58 2015
Response via : Initial Calibration



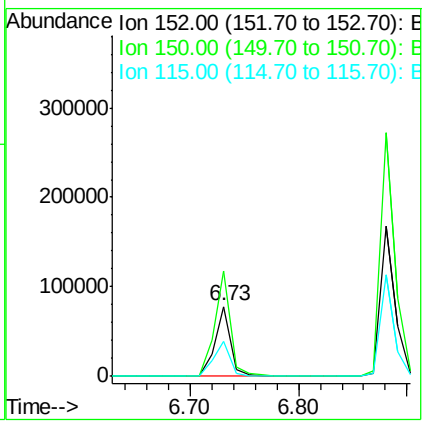


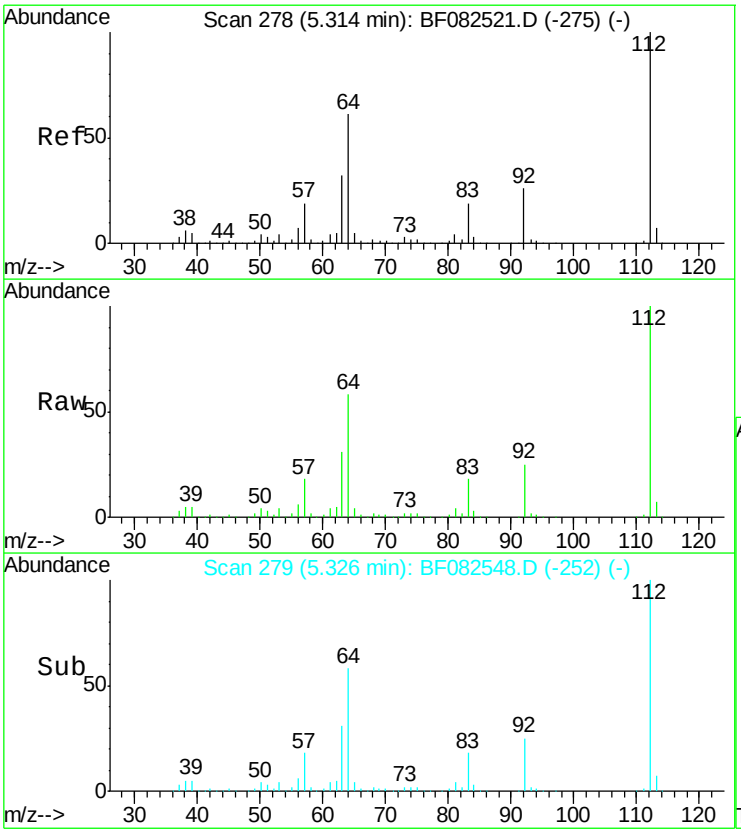
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 402
Delta R.T. 0.00 min
Lab File: BF082548.D
Acq: 27 Oct 2015 13:29

Instrument :
BNA_F
ClientSampleId :
1510093753

Tgt Ion:152 Resp: 79263

Ion	Ratio	Lower	Upper
152	100		
150	152.1	123.4	185.0
115	51.0	39.0	58.4

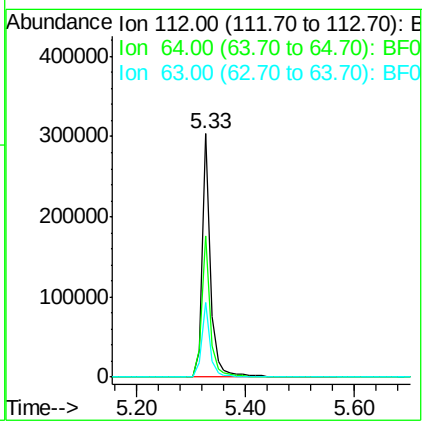


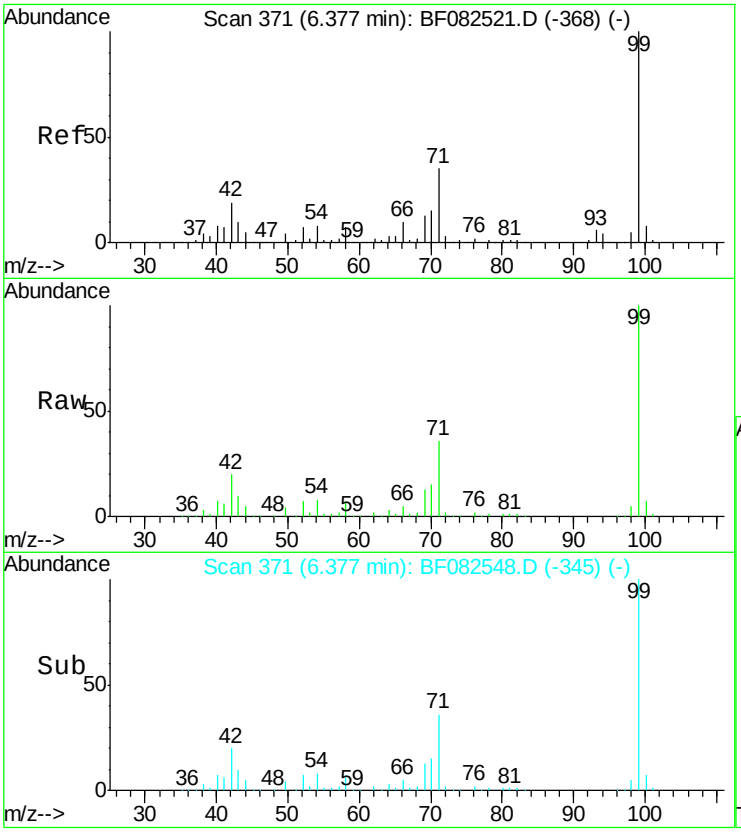


#5
2-Fluorophenol
Concen: 79.76 ng
RT: 5.33 min Scan# 279
Delta R.T. 0.01 min
Lab File: BF082548.D
Acq: 27 Oct 2015 13:29

Tgt Ion:112 Resp: 320249

Ion	Ratio	Lower	Upper
112	100		
64	57.9	49.0	73.4
63	30.5	25.8	38.6



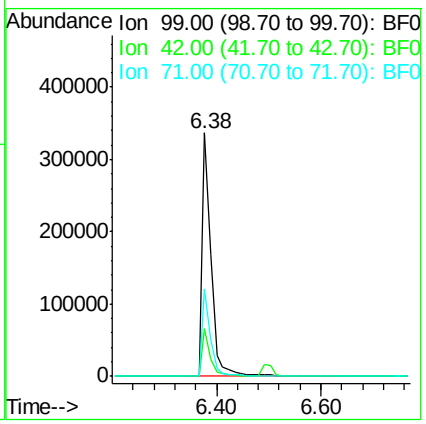


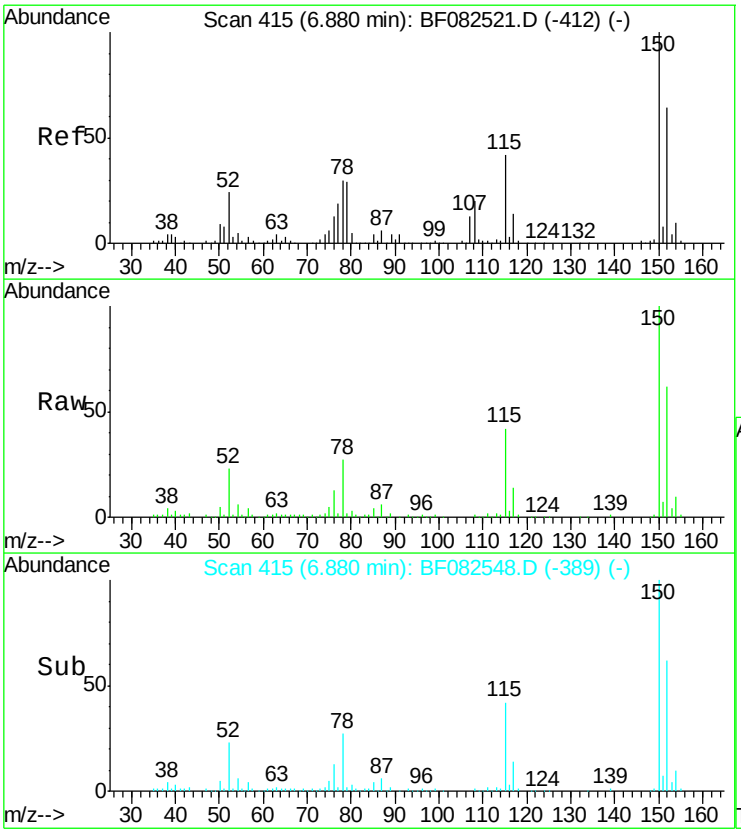
#7
Phenol-d6
Concen: 76.96 ng
RT: 6.38 min Scan# 371
Delta R.T. 0.00 min
Lab File: BF082548.D
Acq: 27 Oct 2015 13:29

Instrument :
BNA_F
ClientSampleId :
1510093753

Tgt Ion: 99 Resp: 402725

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.1	22.7
71	36.1	28.2	42.2

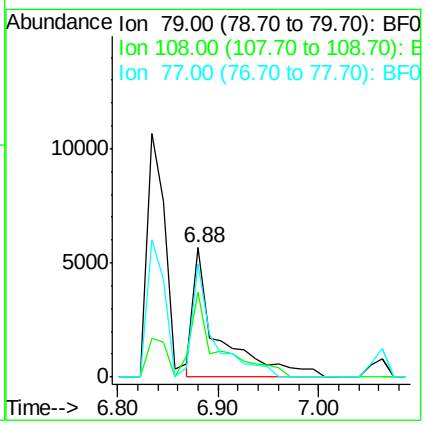


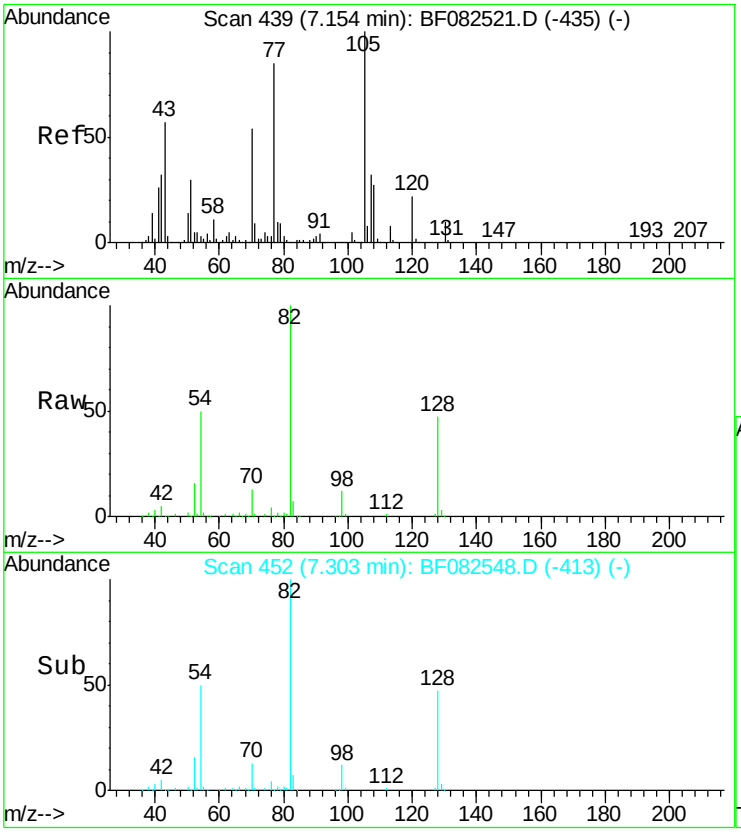


#15
Benzyl Alcohol
Concen: 2.71 ng
RT: 6.88 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF082548.D
Acq: 27 Oct 2015 13:29

Tgt Ion: 79 Resp: 9874

Ion	Ratio	Lower	Upper
79	100		
108	65.3	55.0	82.6
77	87.1	52.5	78.7#



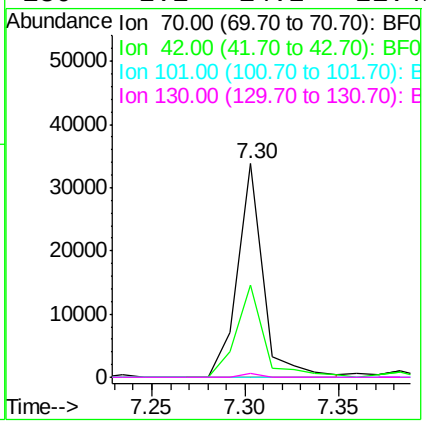


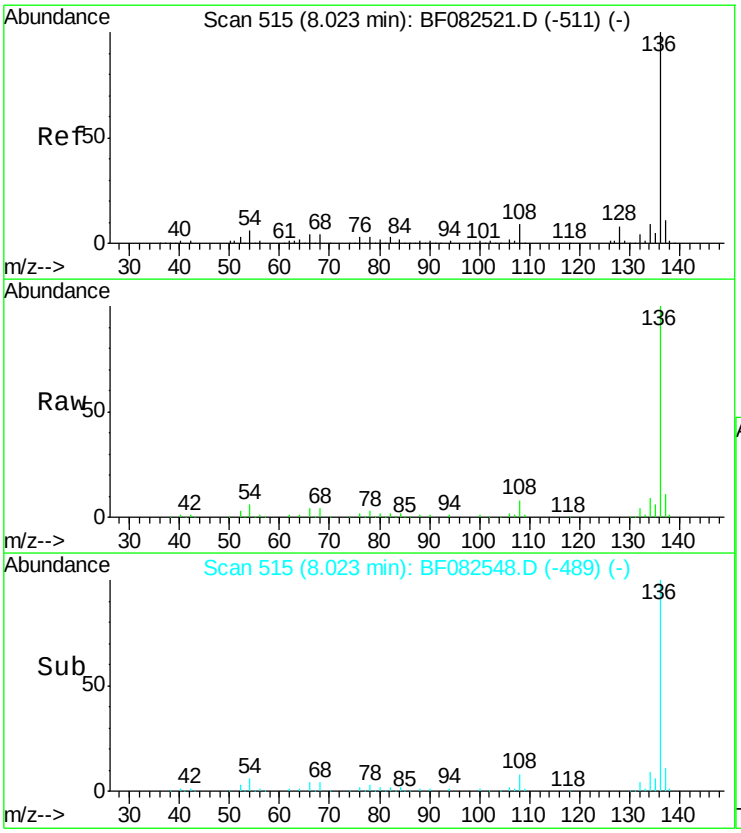
#19
n-Nitroso-di-n-propylamine
Concen: 9.50 ng
RT: 7.30 min Scan# 452
Delta R.T. 0.15 min
Lab File: BF082548.D
Acq: 27 Oct 2015 13:29

Instrument :
BNA_F
ClientSampleId :
1510093753

Tgt Ion: 70 Resp: 32382

Ion	Ratio	Lower	Upper
70	100		
42	43.1	46.9	70.3#
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#

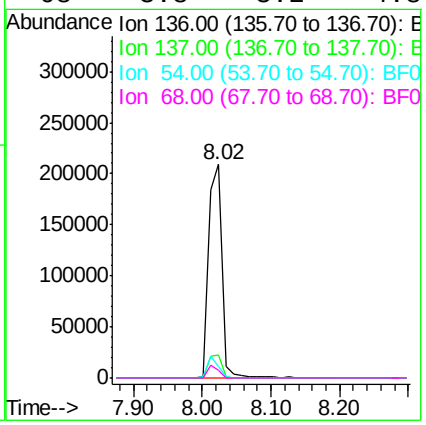


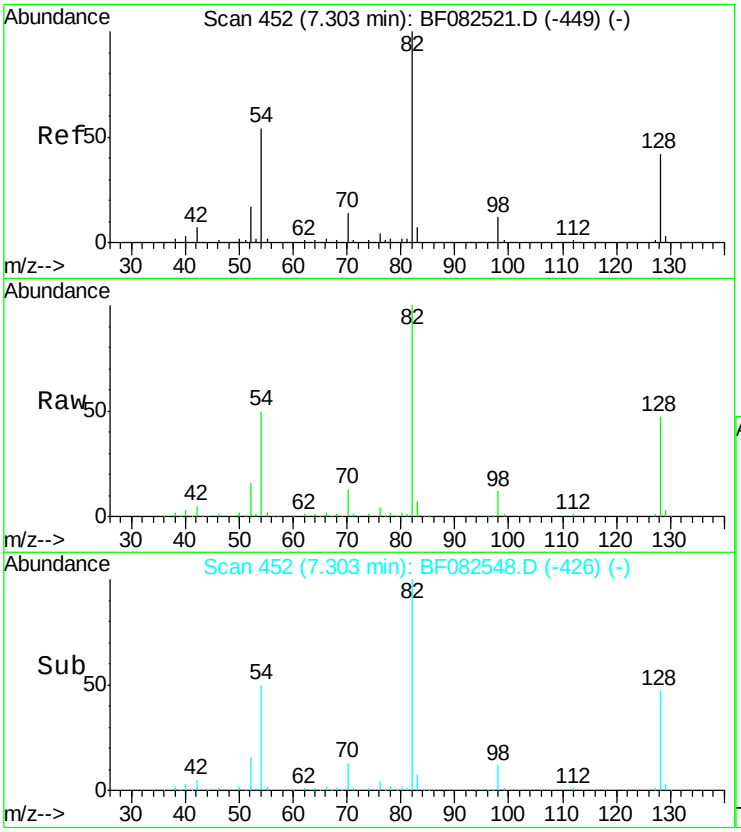


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF082548.D
Acq: 27 Oct 2015 13:29

Tgt Ion:136 Resp: 287828

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	5.6	4.6	7.0
68	3.8	3.2	4.8



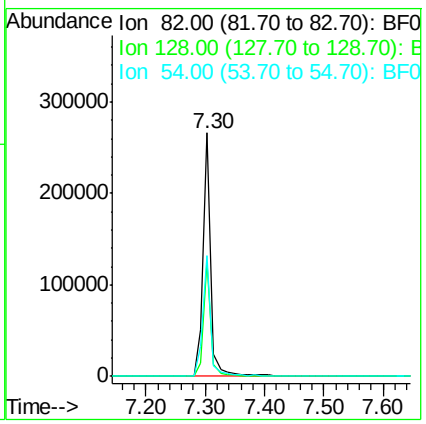


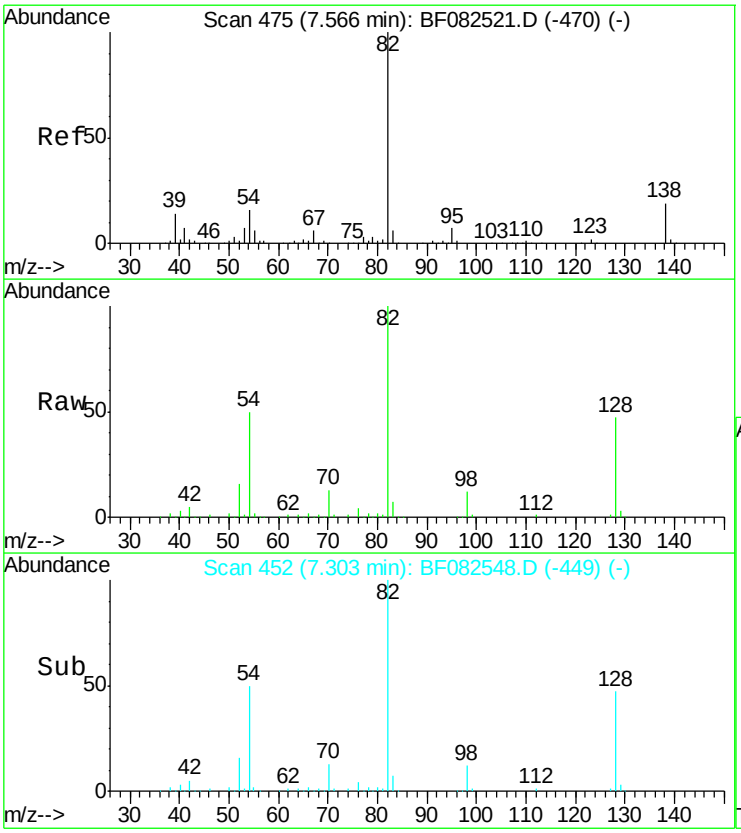
#23
Nitrobenzene-d5
Concen: 57.21 ng
RT: 7.30 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF082548.D
Acq: 27 Oct 2015 13:29

Instrument :
BNA_F
ClientSampleId :
1510093753

Tgt Ion: 82 Resp: 255247

Ion	Ratio	Lower	Upper
82	100		
128	47.0	33.4	50.0
54	49.8	43.5	65.3

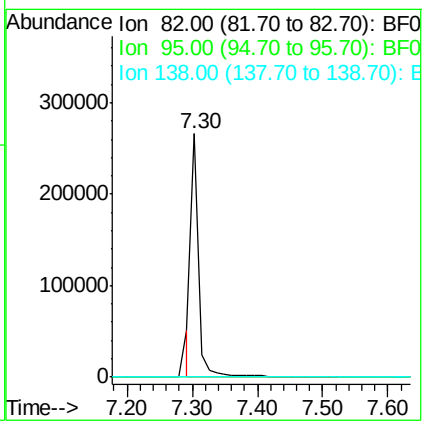


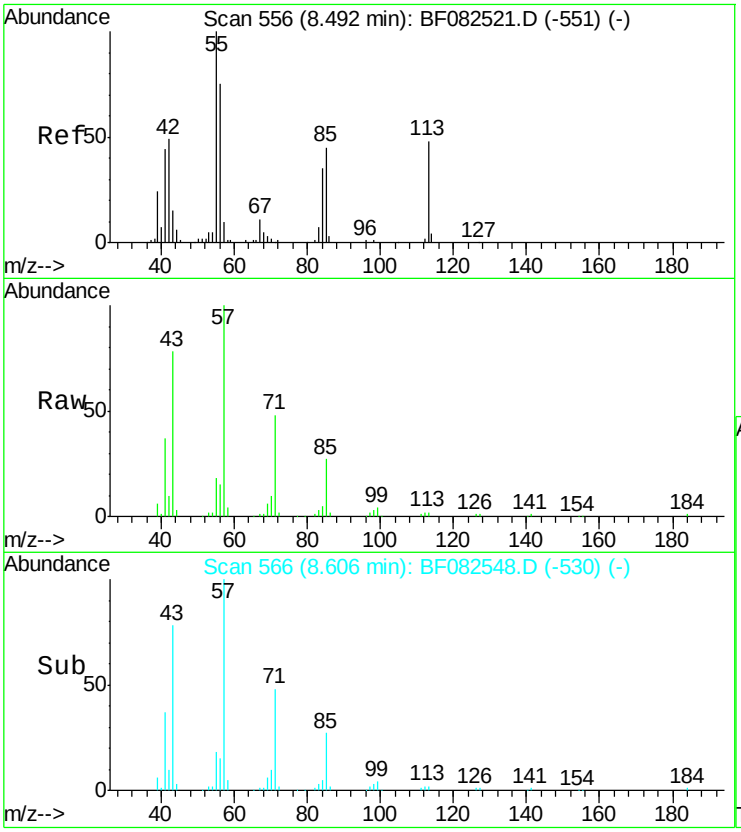


#25
Isophorone
Concen: 24.16 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.26 min
Lab File: BF082548.D
Acq: 27 Oct 2015 13:29

Tgt Ion: 82 Resp: 214145

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.0	22.4#



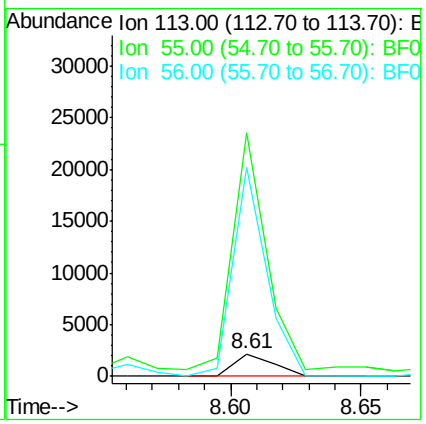


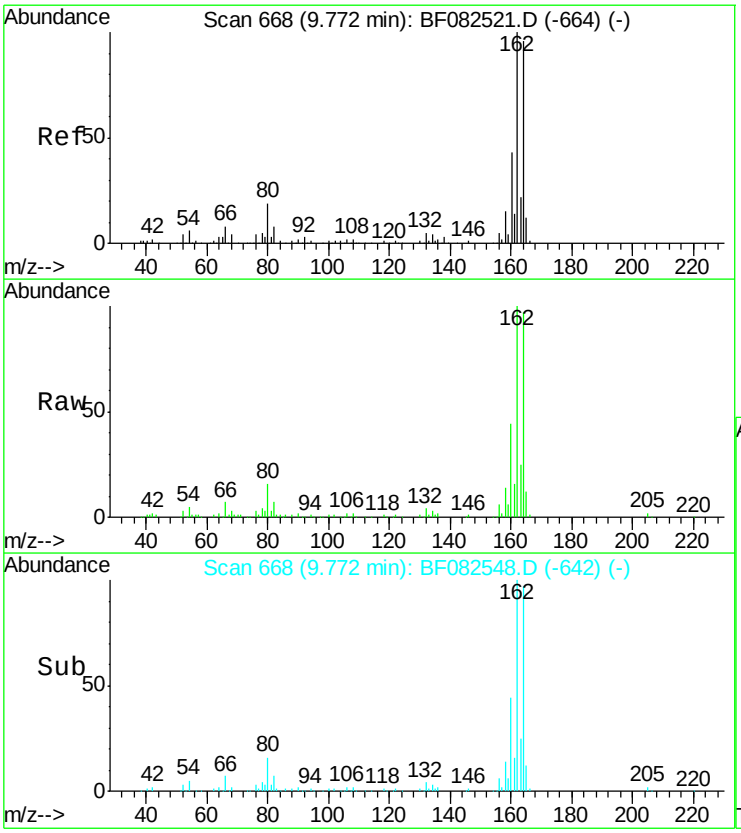
#35
Caprolactam
Concen: 2.13 ng
RT: 8.61 min Scan# 566
Delta R.T. 0.11 min
Lab File: BF082548.D
Acq: 27 Oct 2015 13:29

Instrument :
BNA_F
ClientSampleId :
1510093753

Tgt Ion:113 Resp: 2315

Ion	Ratio	Lower	Upper
113	100		
55	1080.5	188.9	228.9#
56	928.1	135.8	175.8#

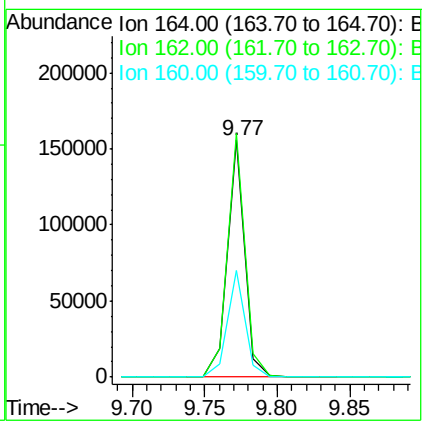


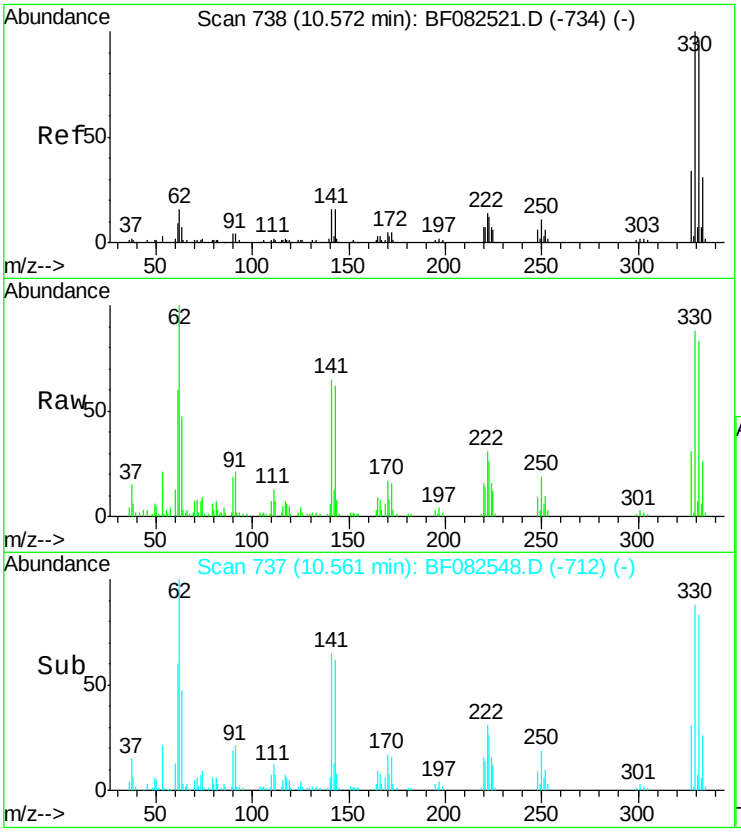


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF082548.D
Acq: 27 Oct 2015 13:29

Tgt Ion:164 Resp: 129380

Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.6	125.4
160	45.0	36.0	54.0



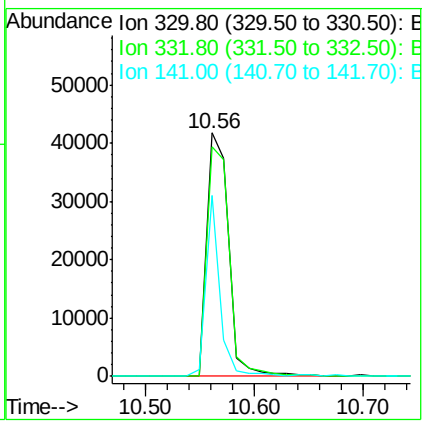


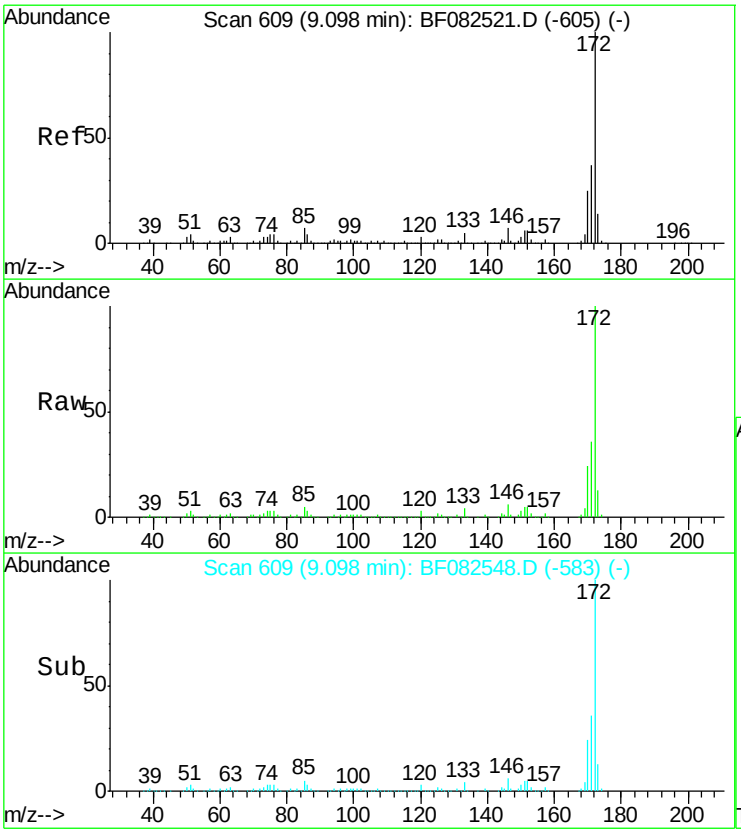
#41
2,4,6-Tribromophenol
Concen: 61.11 ng
RT: 10.56 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF082548.D
Acq: 27 Oct 2015 13:29

Instrument :
BNA_F
ClientSampleId :
1510093753

Tgt Ion:330 Resp: 59202

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.0
141	47.1	32.5	48.7

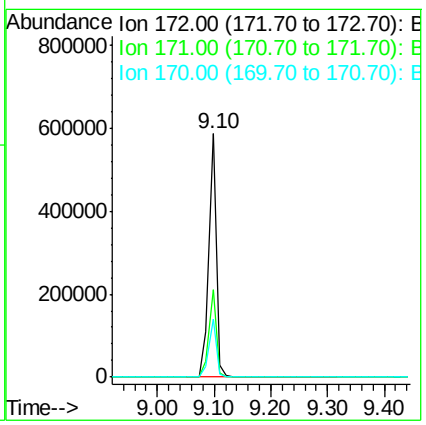


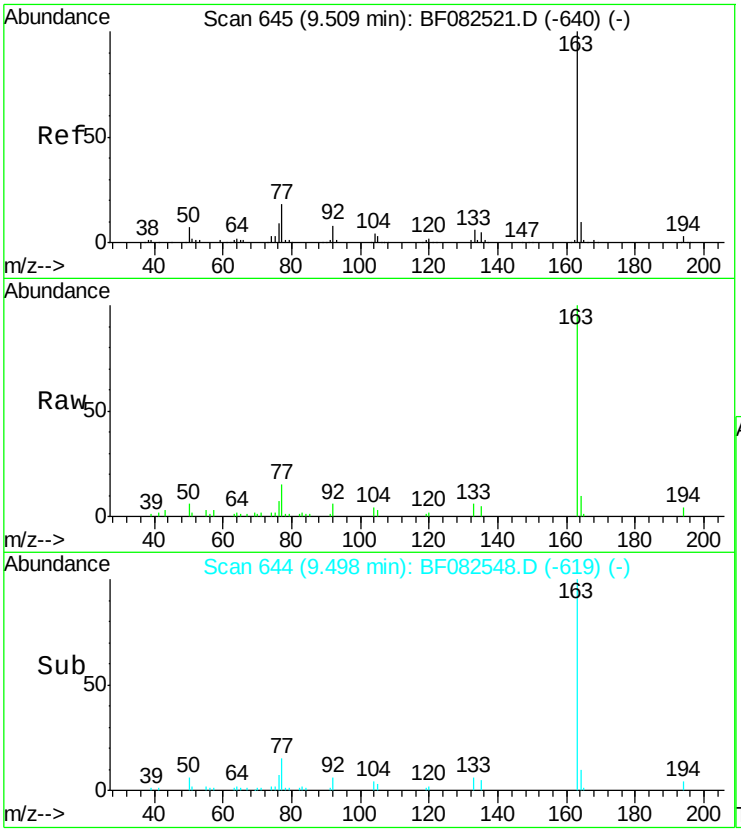


#44
2-Fluorobiphenyl
Concen: 62.58 ng
RT: 9.10 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF082548.D
Acq: 27 Oct 2015 13:29

Tgt Ion:172 Resp: 509169

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.3	43.9
170	24.0	19.8	29.6



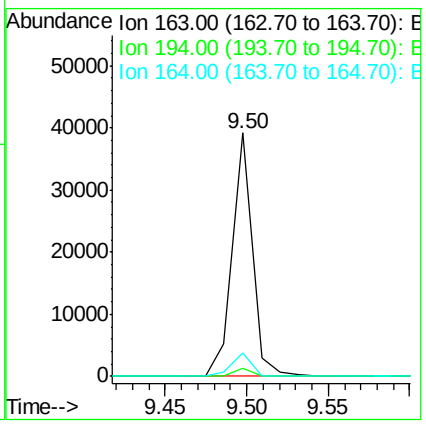


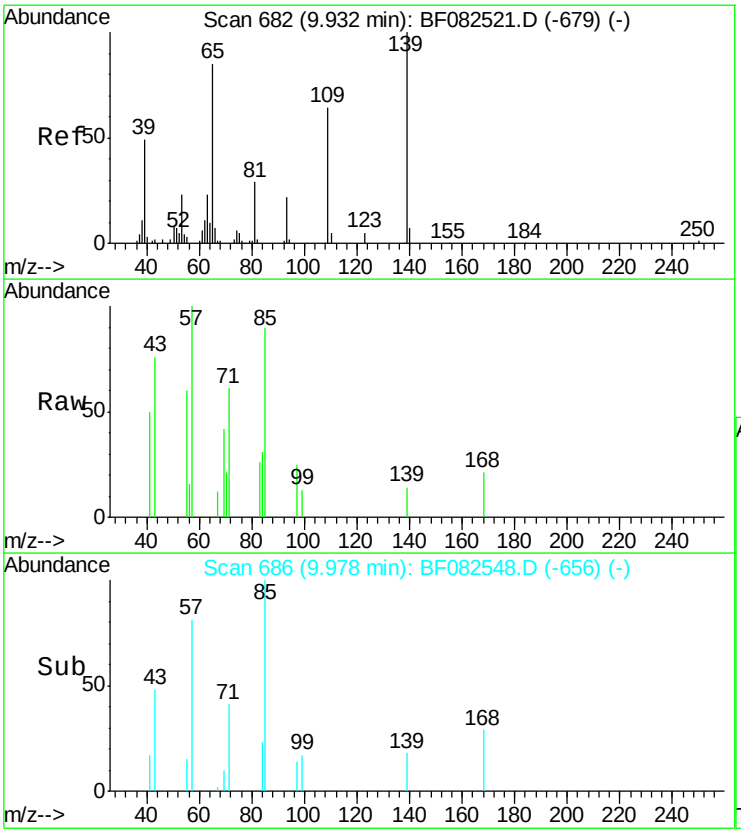
#49
Dimethylphthalate
Concen: 3.69 ng
RT: 9.50 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF082548.D
Acq: 27 Oct 2015 13:29

Instrument :
BNA_F
ClientSampleId :
1510093753

Tgt Ion:163 Resp: 33239

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.6	8.2	12.4

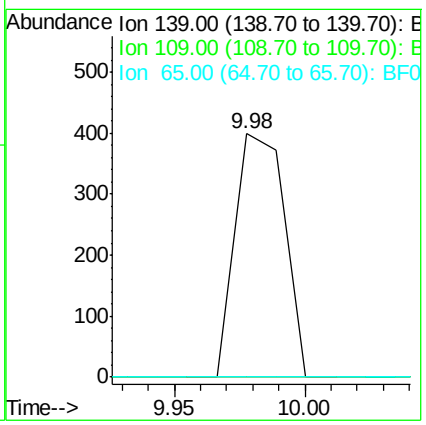


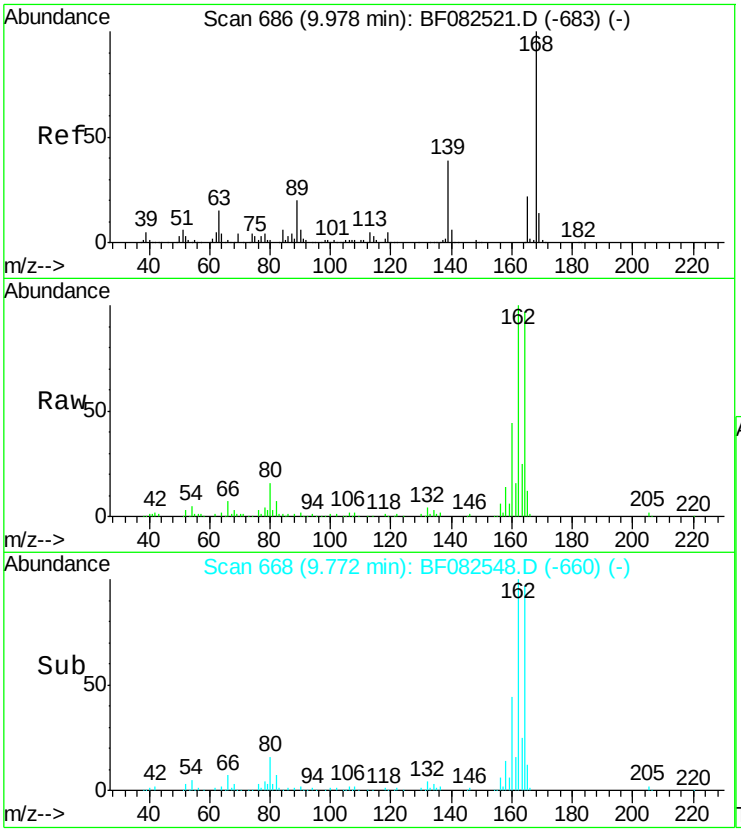


#55
4-Nitrophenol
Concen: 6.92 ng
RT: 9.98 min Scan# 686
Delta R.T. 0.05 min
Lab File: BF082548.D
Acq: 27 Oct 2015 13:29

Tgt Ion:139 Resp: 529

Ion	Ratio	Lower	Upper
139	100		
109	0.0	44.2	84.2#
65	0.0	68.1	108.1#



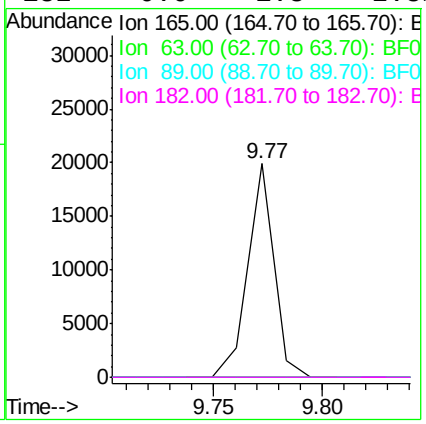


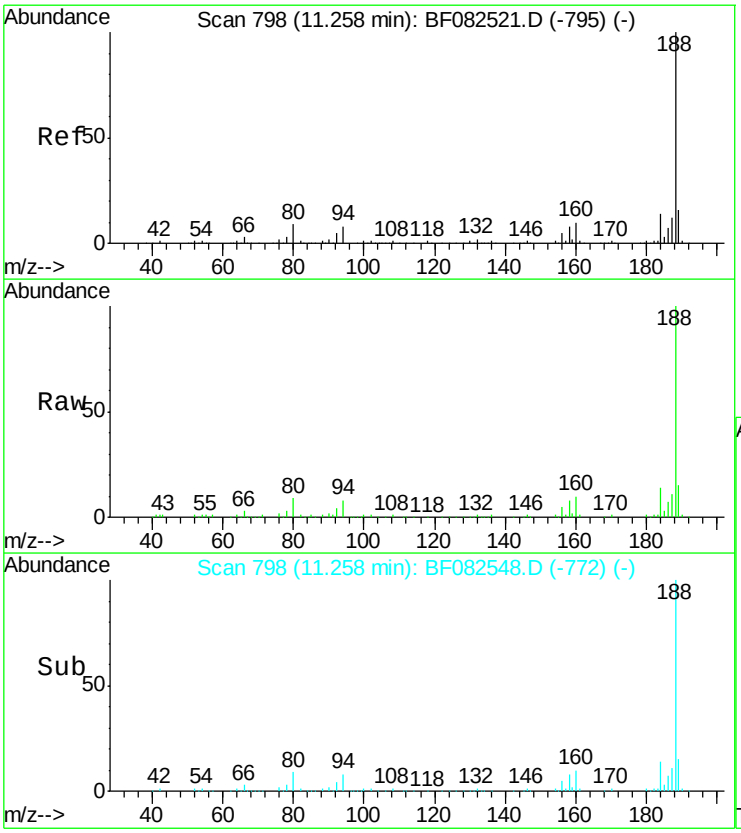
#56
2,4-Dinitrotoluene
Concen: 6.93 ng
RT: 9.77 min Scan# 668
Delta R.T. -0.21 min
Lab File: BF082548.D
Acq: 27 Oct 2015 13:29

Instrument :
BNA_F
ClientSampleId :
1510093753

Tgt Ion:165 Resp: 16601

Ion	Ratio	Lower	Upper
165	100		
63	0.0	58.6	88.0#
89	0.0	72.3	108.5#
182	0.0	1.8	2.8#

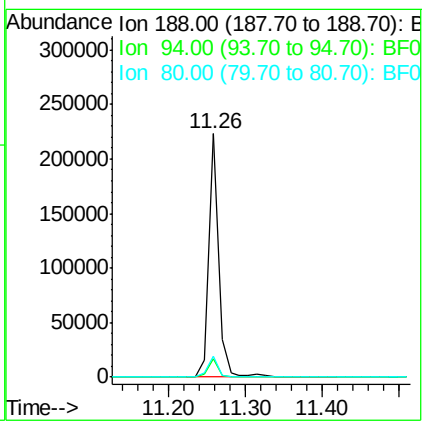


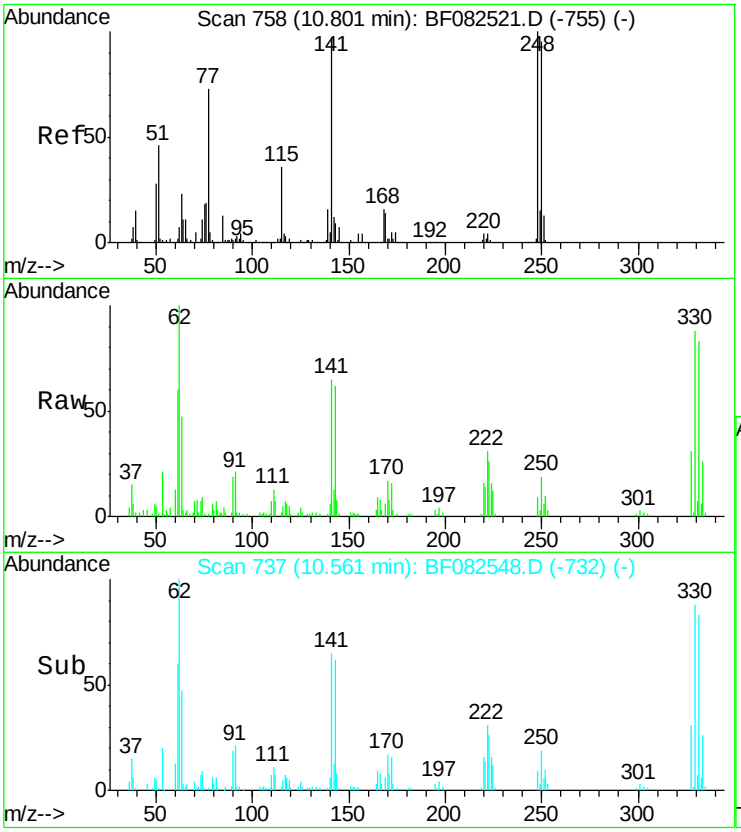


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF082548.D
Acq: 27 Oct 2015 13:29

Tgt Ion:188 Resp: 197300

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.4	9.6
80	8.6	7.0	10.6



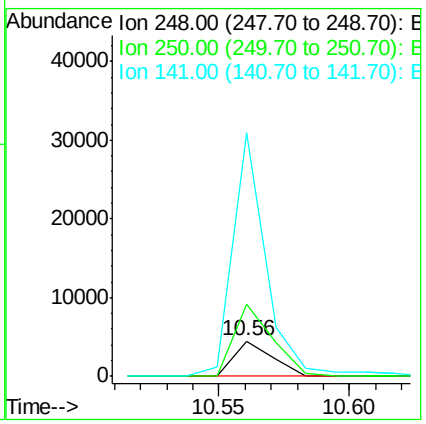


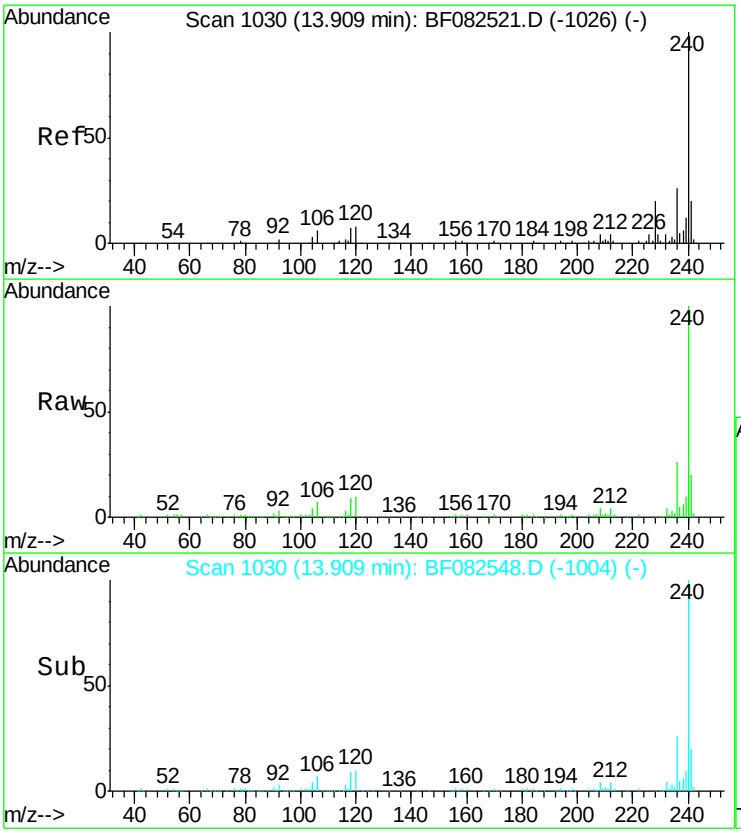
#66
4-Bromophenyl-phenylether
Concen: 2.46 ng
RT: 10.56 min Scan# 737
Delta R.T. -0.24 min
Lab File: BF082548.D
Acq: 27 Oct 2015 13:29

Instrument :
BNA_F
ClientSampleId :
1510093753

Tgt Ion:248 Resp: 4563

Ion	Ratio	Lower	Upper
248	100		
250	204.7	76.0	114.0#
141	690.1	77.5	116.3#

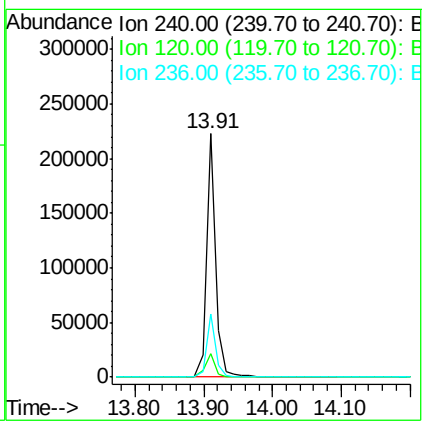


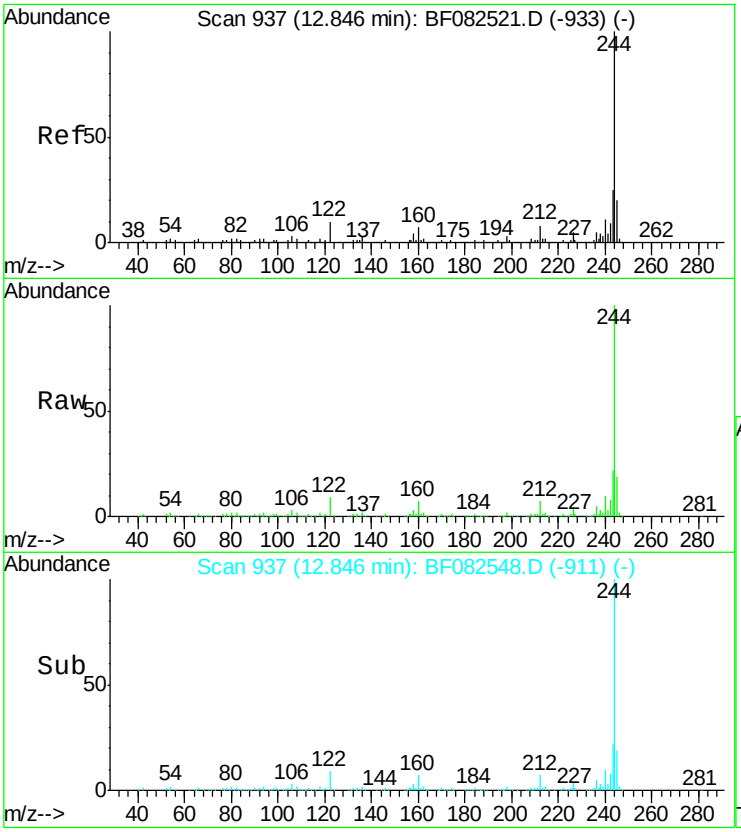


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF082548.D
Acq: 27 Oct 2015 13:29

Tgt Ion:240 Resp: 208938

Ion	Ratio	Lower	Upper
240	100		
120	9.7	6.5	9.7#
236	25.8	20.5	30.7



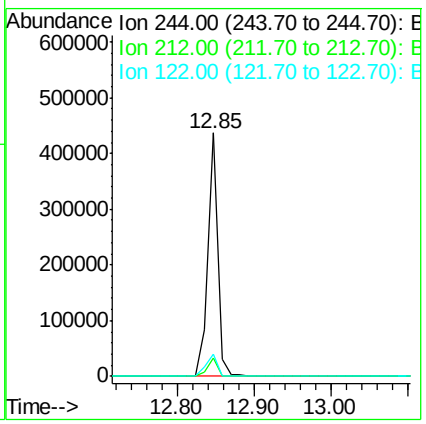


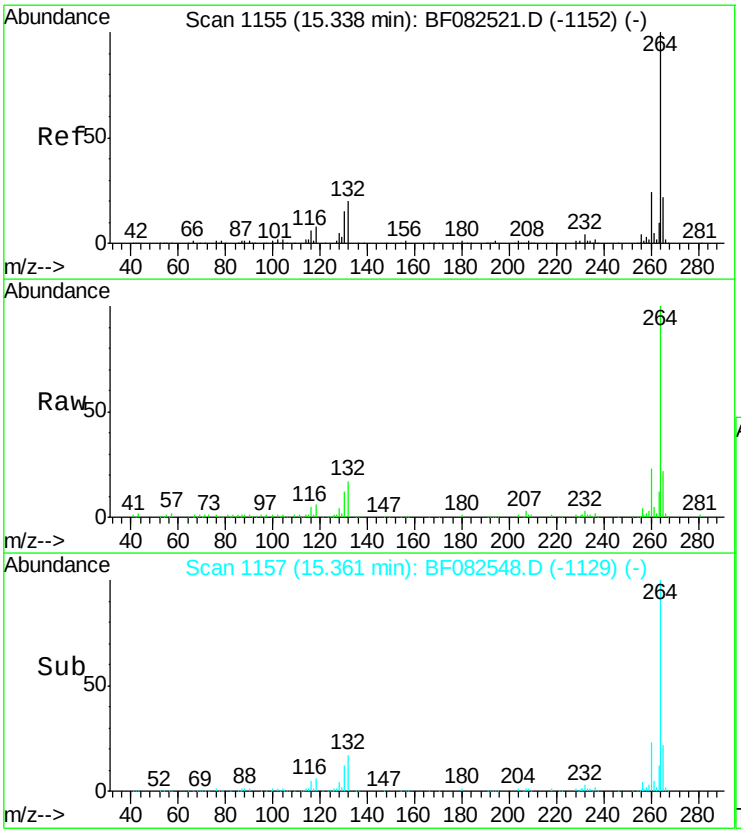
#78
Terphenyl-d14
Concen: 53.32 ng
RT: 12.85 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF082548.D
Acq: 27 Oct 2015 13:29

Instrument :
BNA_F
ClientSampleId :
1510093753

Tgt Ion:244 Resp: 386694

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.4	9.6
122	9.0	8.1	12.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1157
Delta R.T. 0.02 min
Lab File: BF082548.D
Acq: 27 Oct 2015 13:29

Tgt Ion:264 Resp: 150420

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.6
265	21.5	17.8	26.6