Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
Data File : BF082068.D
Acq On : 6 Oct 2015 3:01
Operator : UM/IZ
Sample : G3891-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-3(0-24)

Quant Time: Oct 06 07:42:26 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 17:58:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	87936	20.00	ng		0.01
21) Naphthalene-d8	8.17	136	341321	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	155612	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	251988	20.00	ng		0.00
75) Chrysene-d12	14.06	240	205120	20.00	ng		0.00
86) Perylene-d12	15.51	264	144846	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	652710	134.74	ng		0.02
7) Phenol-d6	6.53	99	831992	136.49	ng		0.01
23) Nitrobenzene-d5	7.45	82	446710	87.24	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	154711	98.17	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	909551	101.63	ng		0.01
78) Terphenyl-d14	13.01	244	678799	120.31	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	57354	15.48	ng	#	59
25) Isophorone	7.45	82	402275	39.64	ng	#	58
49) Dimethylphthalate	9.65	163	185516	17.27	ng	#	97
56) 2,4-Dinitrotoluene	9.93	165	19724	6.63	ng	#	34
57) Fluorene	10.48	166	704	Below Cal		#	67
66) 4-Bromophenyl-phenylether	10.72	248	10901	4.29	ng	#	1
70) Phenanthrene	11.44	178	11546	Below Cal			95
73) Di-n-butylphthalate	11.98	149	4525	Below Cal		#	85
87) Benzo(b)fluoranthene	15.10	252	16787	2.03	ng	#	86
88) Benzo(k)fluoranthene	15.10	252	16787	2.21	ng	#	84

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
Data File : BF082068.D
Acq On : 6 Oct 2015 3:01
Operator : UM/IZ
Sample : G3891-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-3(0-24)

Quant Time: Oct 06 07:42:26 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 17:58:12 2015
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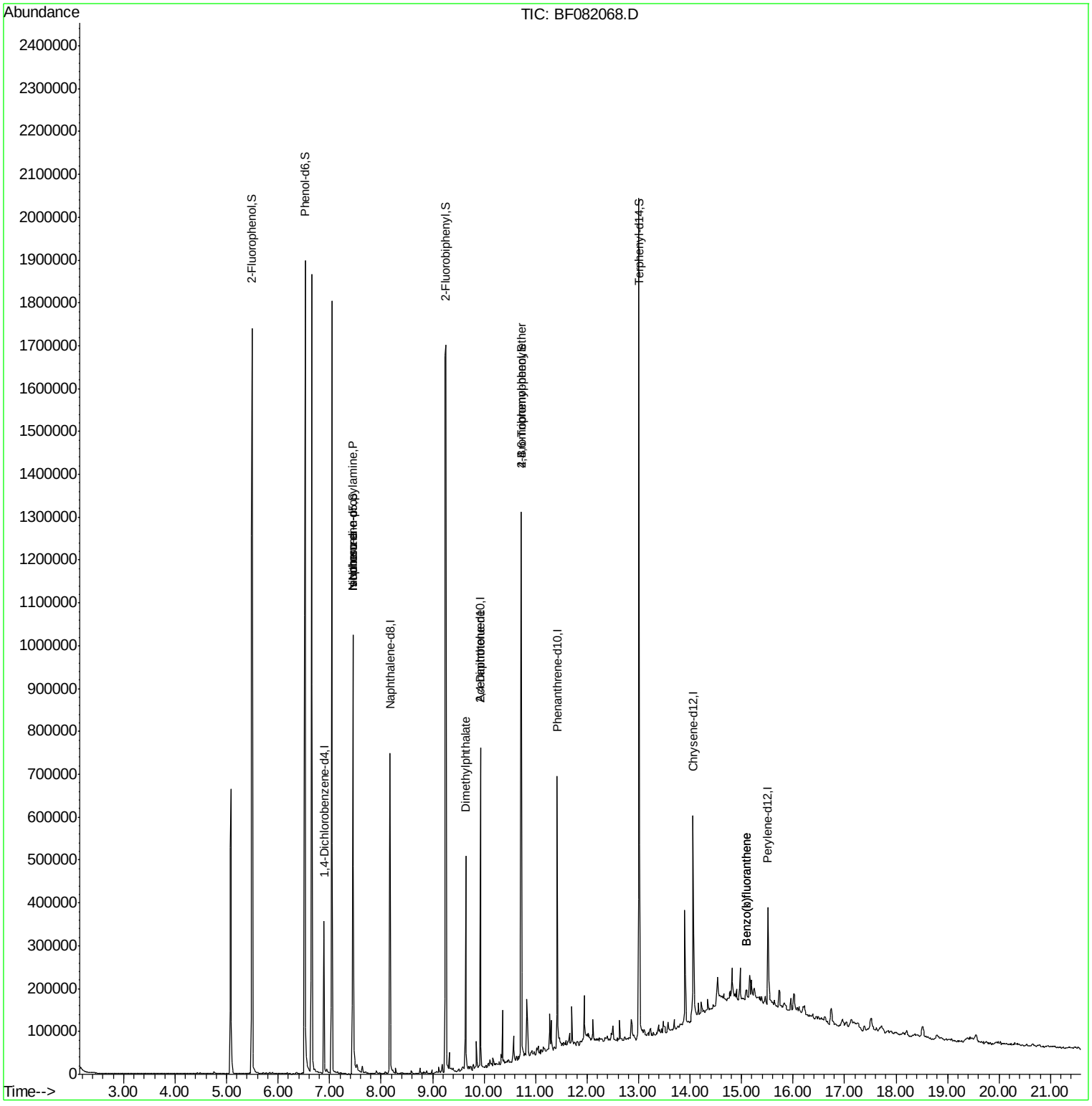
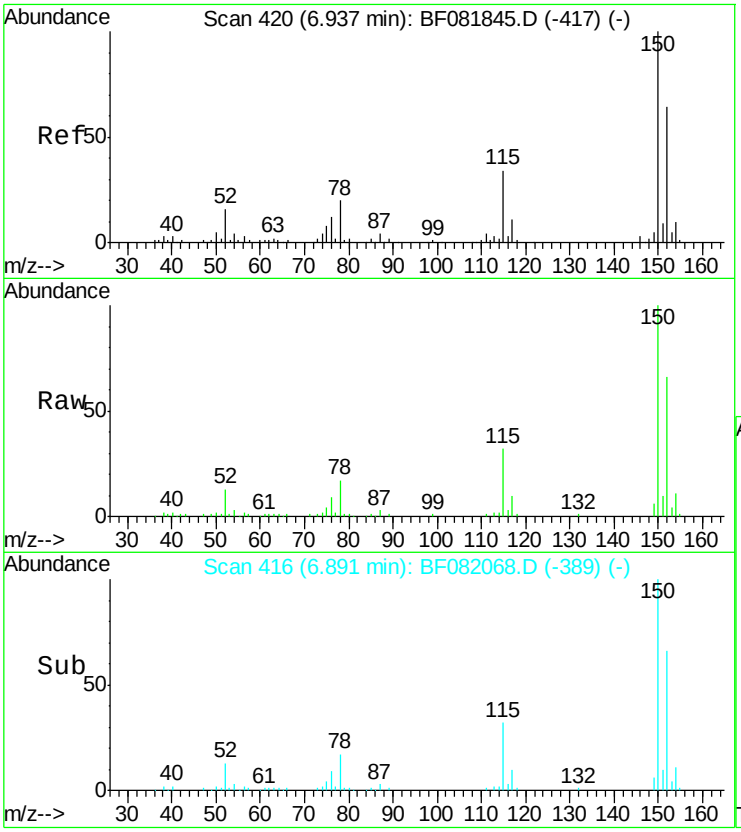


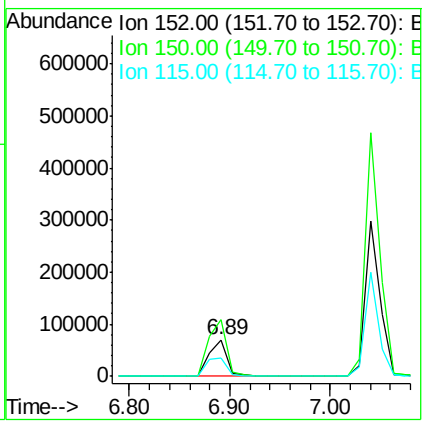


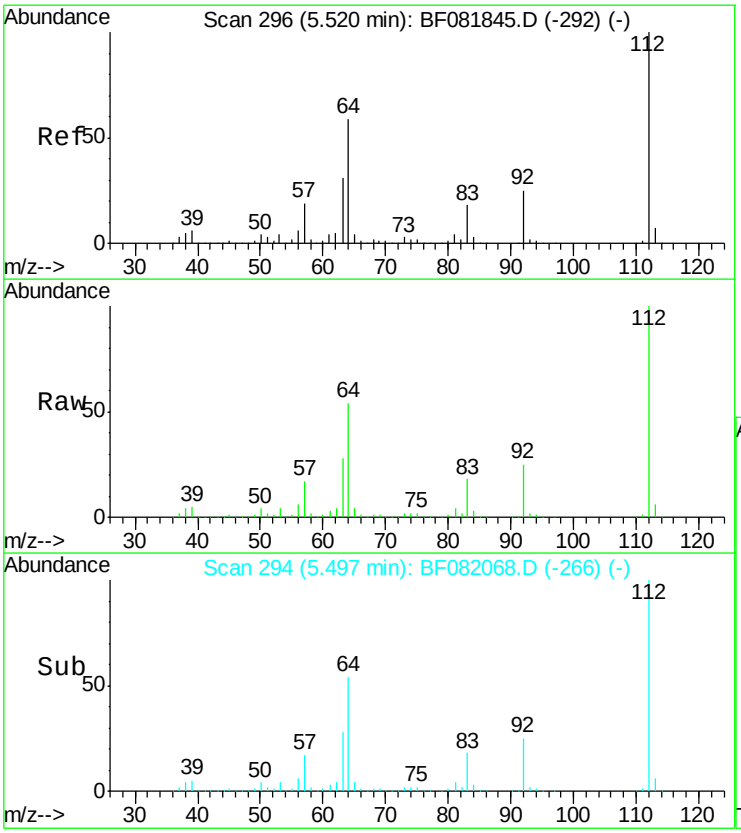
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 416
Delta R.T. 0.01 min
Lab File: BF082068.D
Acq: 6 Oct 2015 3:01

Instrument :
BNA_F
ClientSampleId :
SS-3(0-24)

Tgt Ion:152 Resp: 87936

Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.7	187.1
115	48.6	39.0	58.4

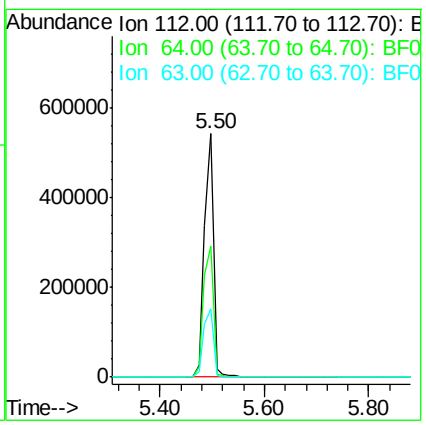


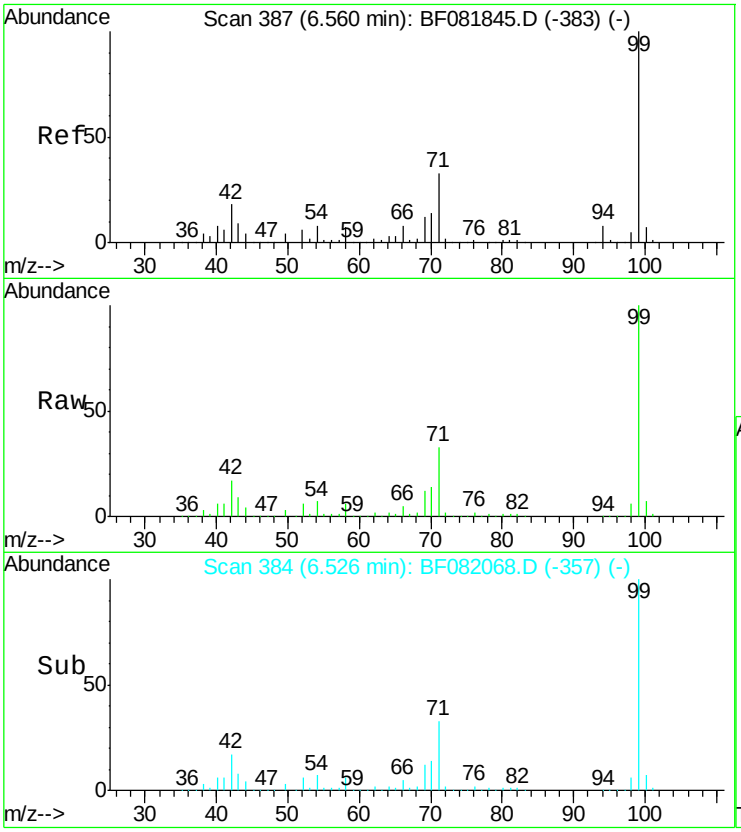


#5
2-Fluorophenol
Concen: 134.74 ng
RT: 5.50 min Scan# 294
Delta R.T. 0.02 min
Lab File: BF082068.D
Acq: 6 Oct 2015 3:01

Tgt Ion:112 Resp: 652710

Ion	Ratio	Lower	Upper
112	100		
64	53.7	39.7	59.5
63	28.0	17.4	26.0#



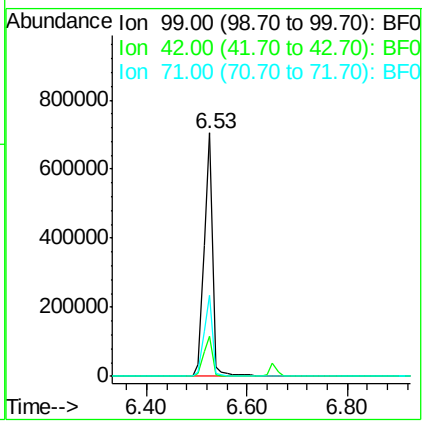


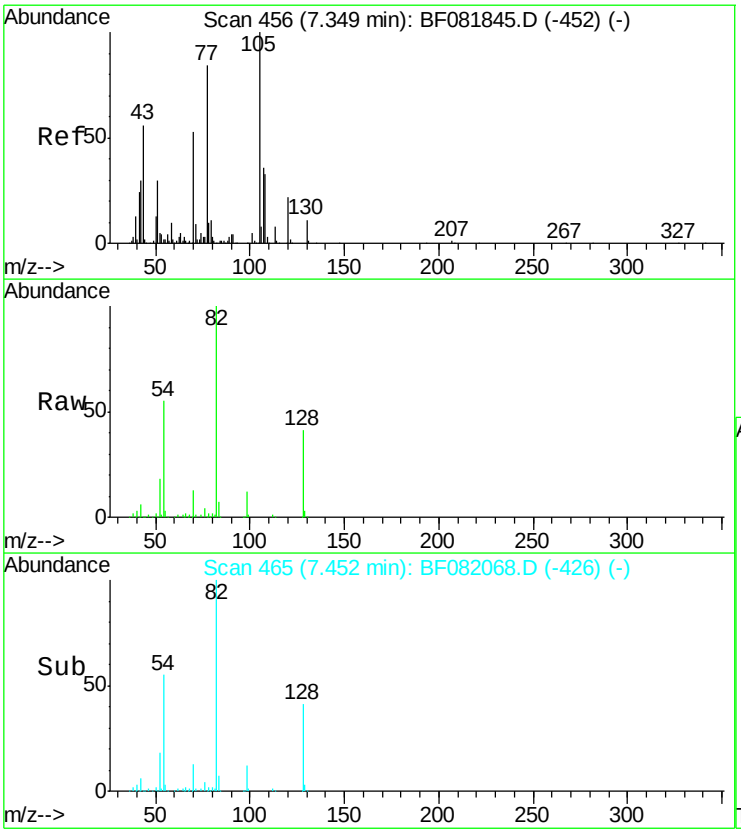
#7
Phenol-d6
Concen: 136.49 ng
RT: 6.53 min Scan# 384
Delta R.T. 0.01 min
Lab File: BF082068.D
Acq: 6 Oct 2015 3:01

Instrument :
BNA_F
ClientSampleId :
SS-3(0-24)

Tgt Ion: 99 Resp: 831992

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.7	20.5
71	33.2	14.2	21.2#

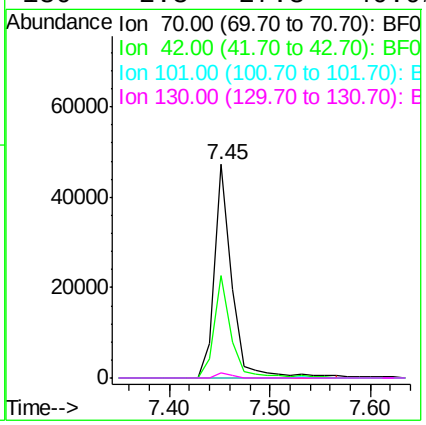


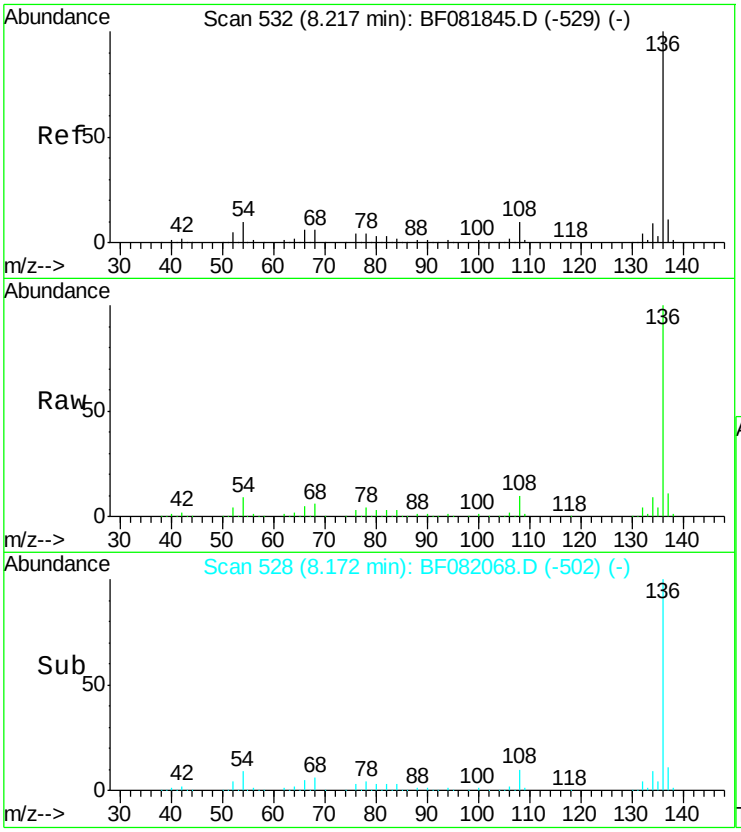


#19
n-Nitroso-di-n-propylamine
Concen: 15.48 ng
RT: 7.45 min Scan# 465
Delta R.T. 0.15 min
Lab File: BF082068.D
Acq: 6 Oct 2015 3:01

Tgt Ion: 70 Resp: 57354

Ion	Ratio	Lower	Upper
70	100		
42	48.1	63.8	95.6#
101	0.0	9.2	13.8#
130	2.3	27.3	40.9#



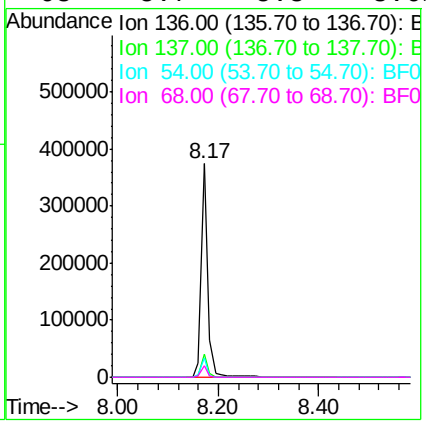


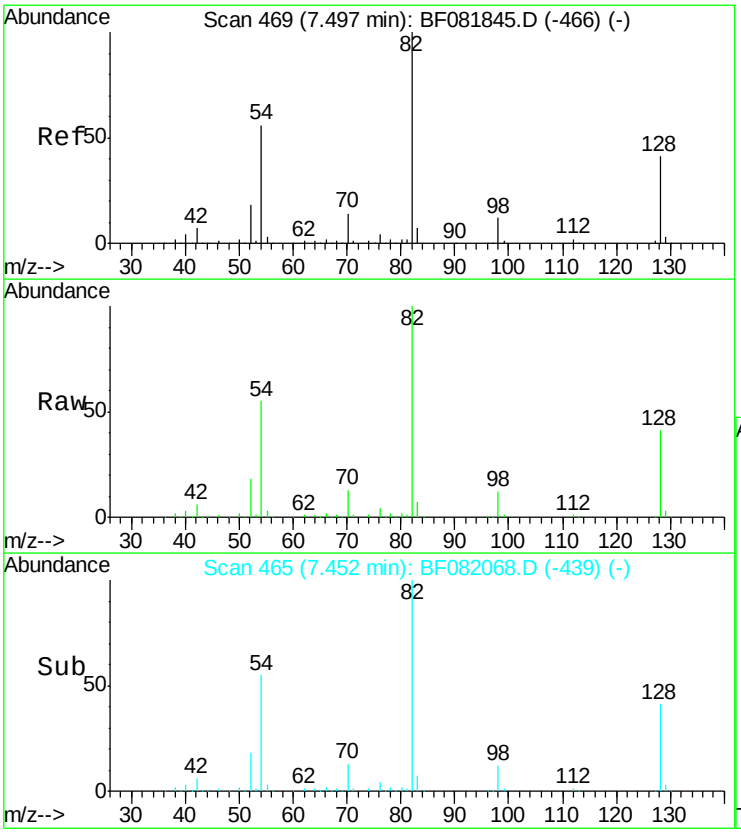
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF082068.D
Acq: 6 Oct 2015 3:01

Instrument :
BNA_F
ClientSampleId :
SS-3(0-24)

Tgt Ion:136 Resp: 341321

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	8.7	8.2	12.2
68	5.7	5.8	8.6#

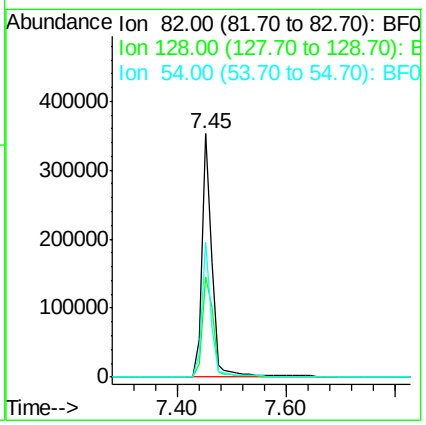


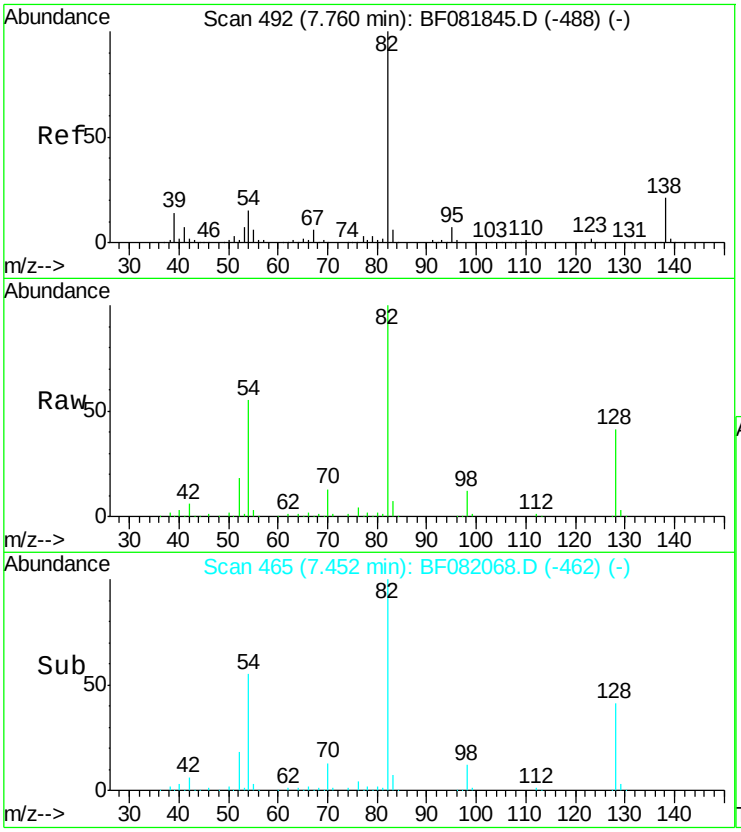


#23
Nitrobenzene-d5
Concen: 87.24 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF082068.D
Acq: 6 Oct 2015 3:01

Tgt Ion: 82 Resp: 446710

Ion	Ratio	Lower	Upper
82	100		
128	41.1	51.0	76.6#
54	55.4	47.5	71.3



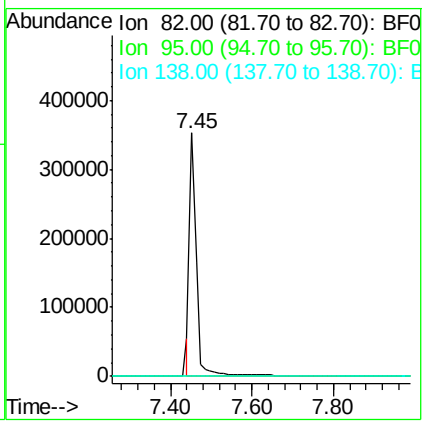


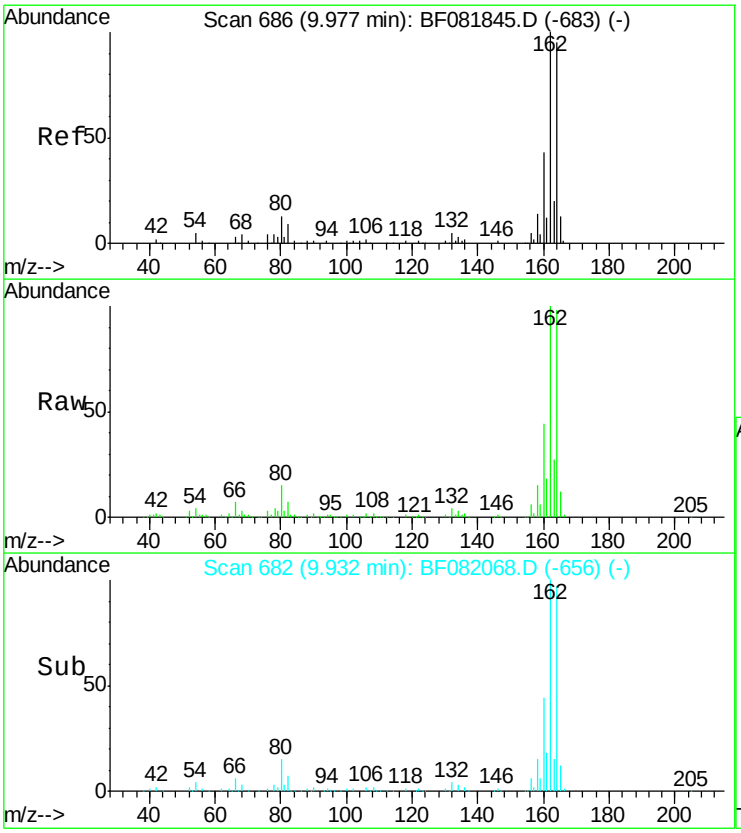
#25
Isophorone
Concen: 39.64 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.26 min
Lab File: BF082068.D
Acq: 6 Oct 2015 3:01

Instrument :
BNA_F
ClientSampleId :
SS-3(0-24)

Tgt Ion: 82 Resp: 402275

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

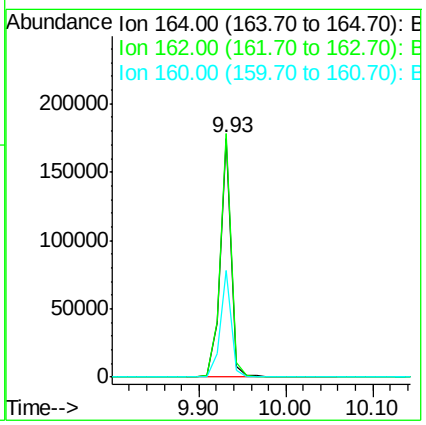


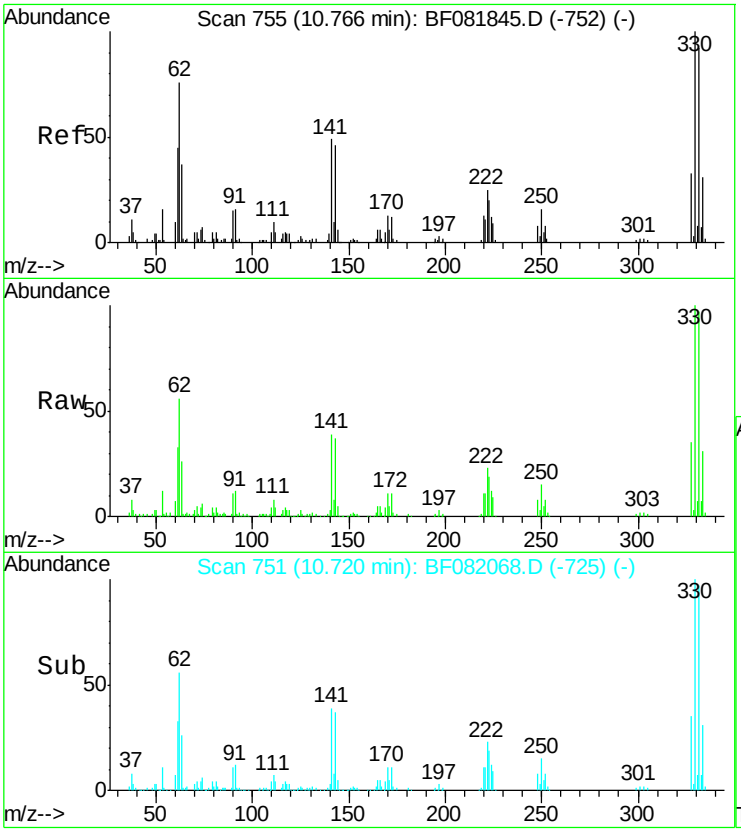


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF082068.D
Acq: 6 Oct 2015 3:01

Tgt Ion:164 Resp: 155612

Ion	Ratio	Lower	Upper
164	100		
162	102.1	75.2	112.8
160	44.5	31.5	47.3



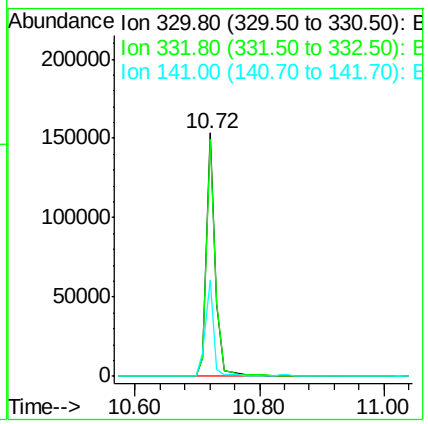


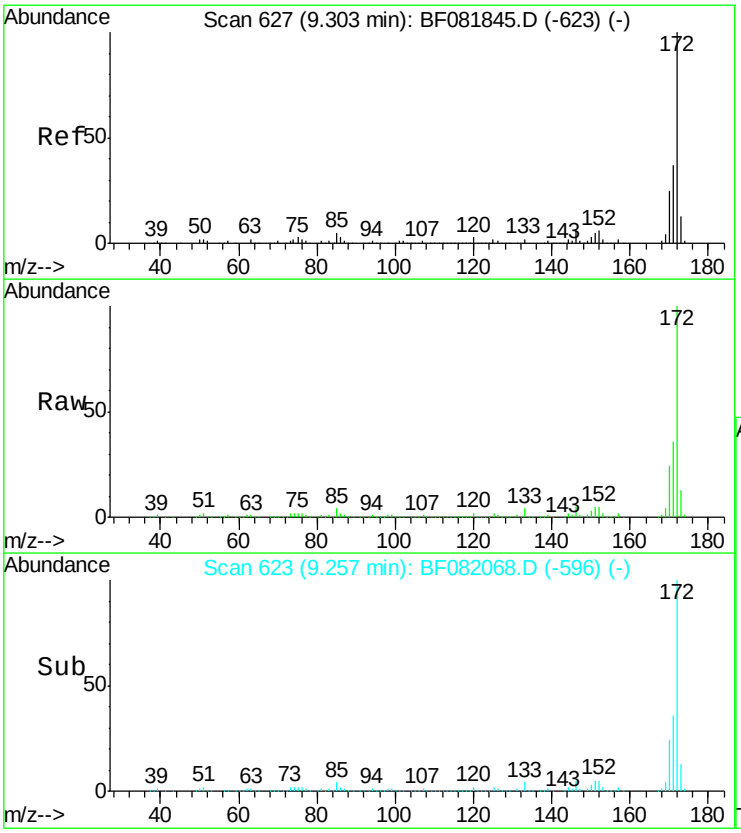
#41
2,4,6-Tribromophenol
Concen: 98.17 ng
RT: 10.72 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF082068.D
Acq: 6 Oct 2015 3:01

Instrument :
BNA_F
ClientSampleId :
SS-3(0-24)

Tgt Ion:330 Resp: 154711

Ion	Ratio	Lower	Upper
330	100		
332	98.5	76.6	114.8
141	37.3	29.7	44.5

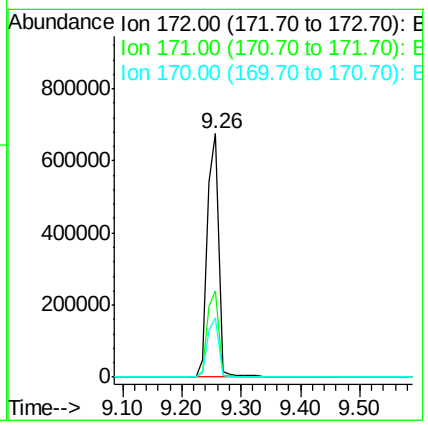


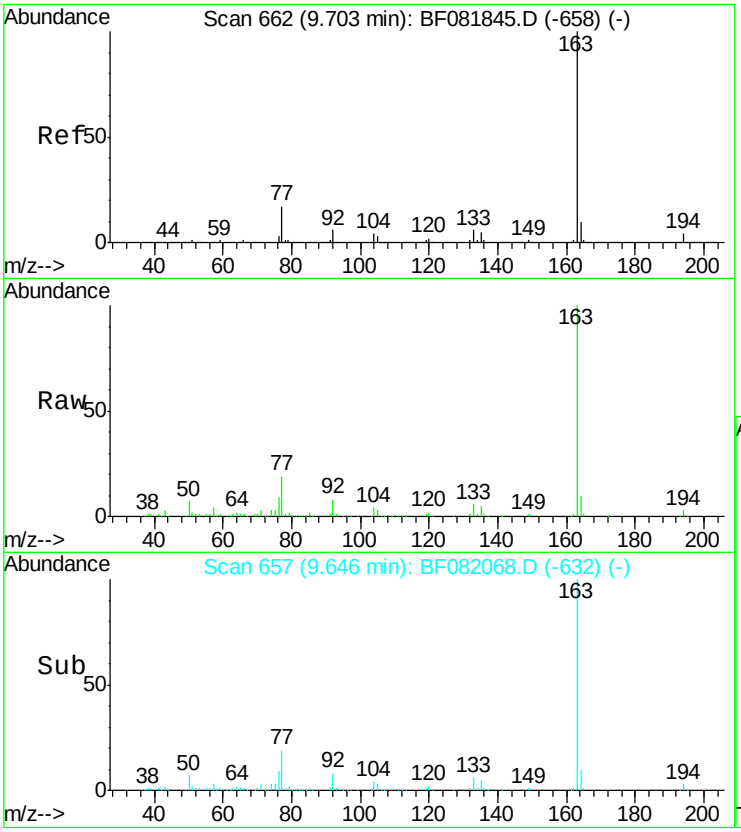


#44
2-Fluorobiphenyl
Concen: 101.63 ng
RT: 9.26 min Scan# 623
Delta R.T. 0.01 min
Lab File: BF082068.D
Acq: 6 Oct 2015 3:01

Tgt Ion:172 Resp: 909551

Ion	Ratio	Lower	Upper
172	100		
171	35.5	26.1	39.1
170	24.1	17.4	26.2



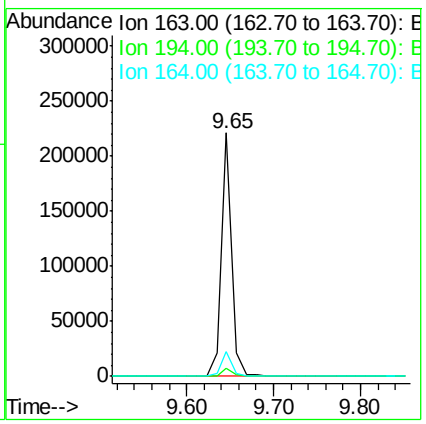


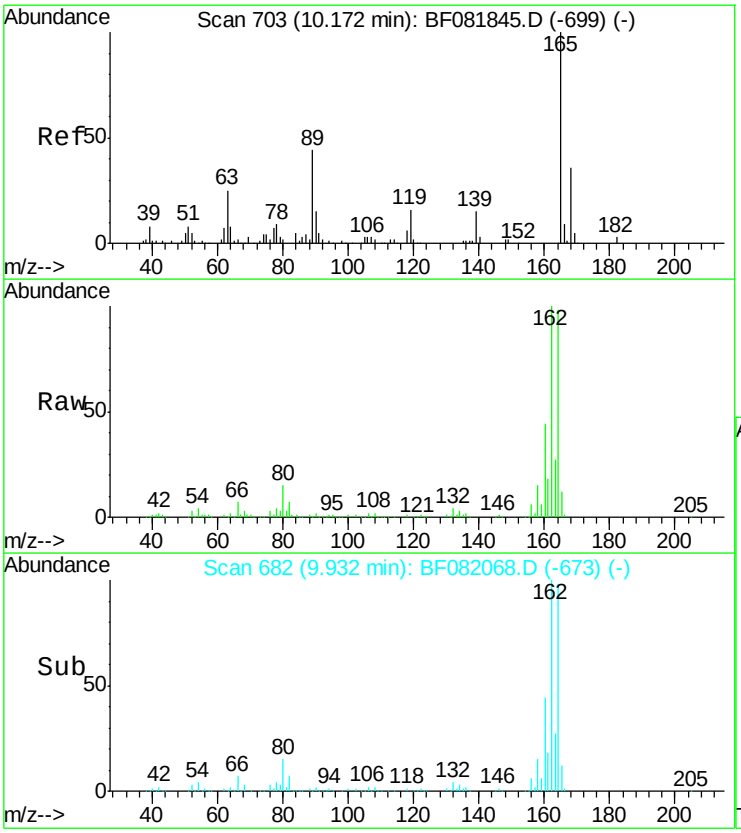
#49
Dimethylphthalate
Concen: 17.27 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF082068.D
Acq: 6 Oct 2015 3:01

Instrument :
BNA_F
ClientSampleId :
SS-3(0-24)

Tgt Ion:163 Resp: 185516

Ion	Ratio	Lower	Upper
163	100		
194	3.4	4.4	6.6#
164	9.9	8.3	12.5

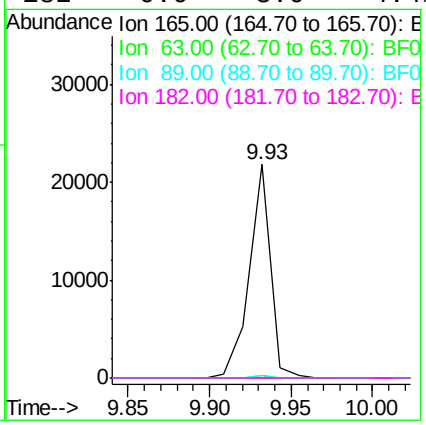


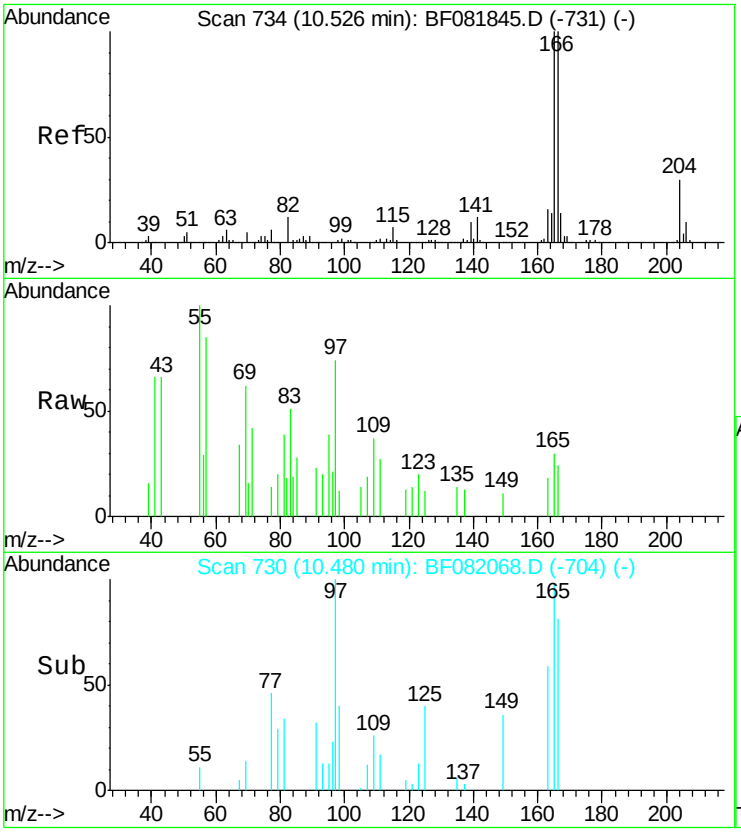


#56
2,4-Dinitrotoluene
Concen: 6.63 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.19 min
Lab File: BF082068.D
Acq: 6 Oct 2015 3:01

Tgt Ion:165 Resp: 19724

Ion	Ratio	Lower	Upper
165	100		
63	1.4	29.8	44.6#
89	1.4	44.5	66.7#
182	0.0	3.0	4.4#



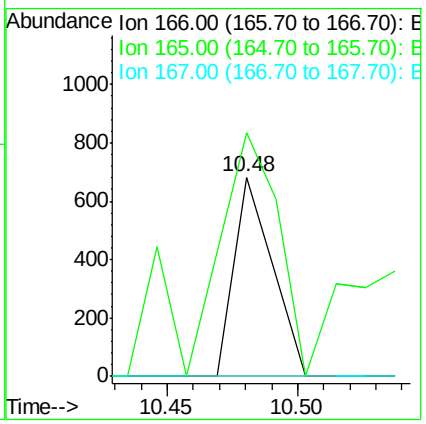


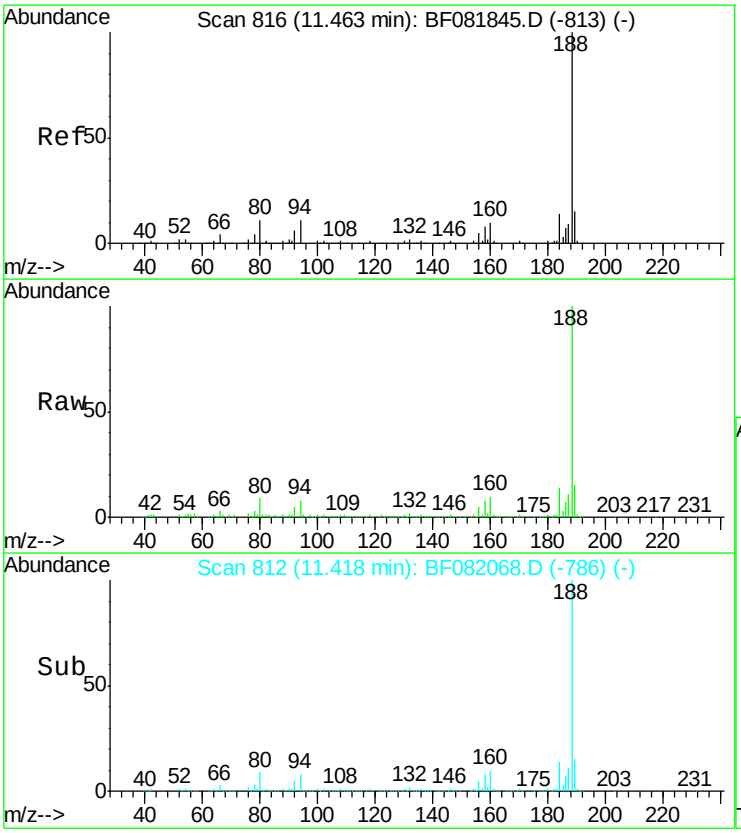
#57
Fluorene
Concen: Below Cal
RT: 10.48 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF082068.D
Acq: 6 Oct 2015 3:01

Instrument :
BNA_F
ClientSampleId :
SS-3(0-24)

Tgt Ion:166 Resp: 704

Ion	Ratio	Lower	Upper
166	100		
165	122.3	72.6	109.0#
167	0.0	10.6	16.0#

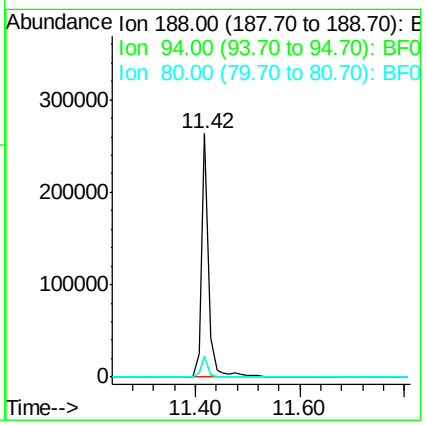


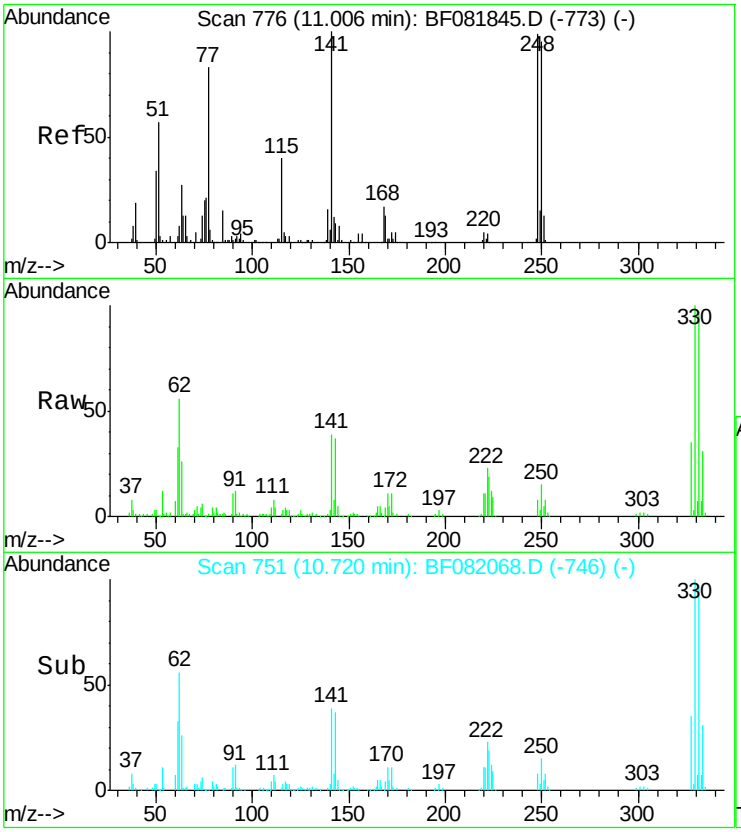


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF082068.D
Acq: 6 Oct 2015 3:01

Tgt Ion:188 Resp: 251988

Ion	Ratio	Lower	Upper
188	100		
94	8.4	11.1	16.7#
80	8.8	11.0	16.4#



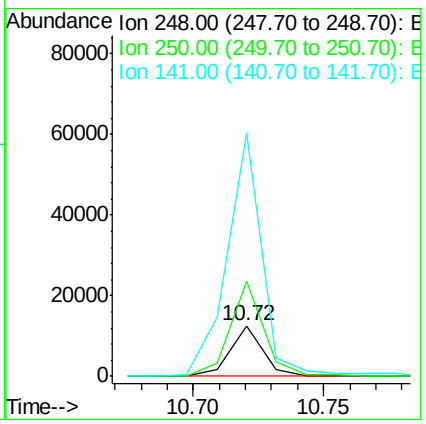


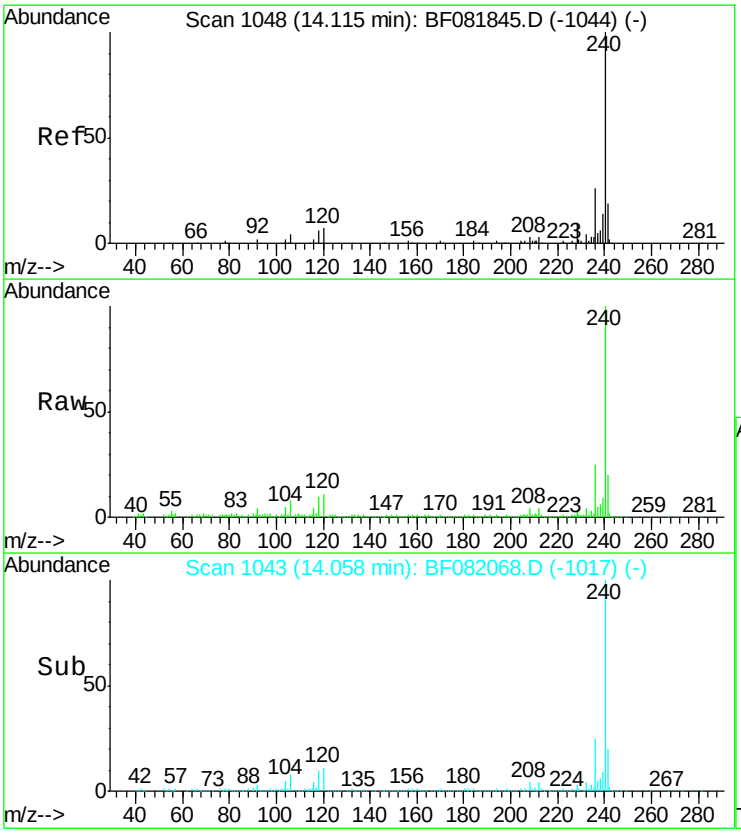
#66
4-Bromophenyl-phenylether
Concen: 4.29 ng
RT: 10.72 min Scan# 751
Delta R.T. -0.24 min
Lab File: BF082068.D
Acq: 6 Oct 2015 3:01

Instrument :
BNA_F
ClientSampleId :
SS-3(0-24)

Tgt Ion:248 Resp: 10901

Ion	Ratio	Lower	Upper
248	100		
250	187.1	78.5	117.7#
141	478.8	59.0	88.6#

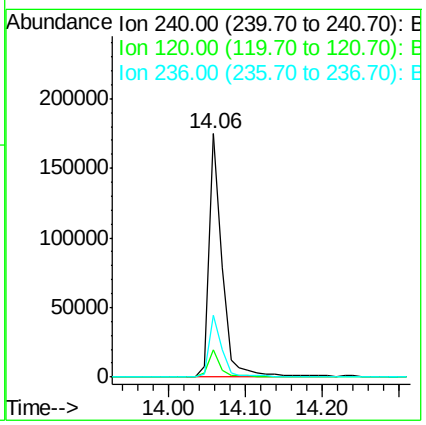


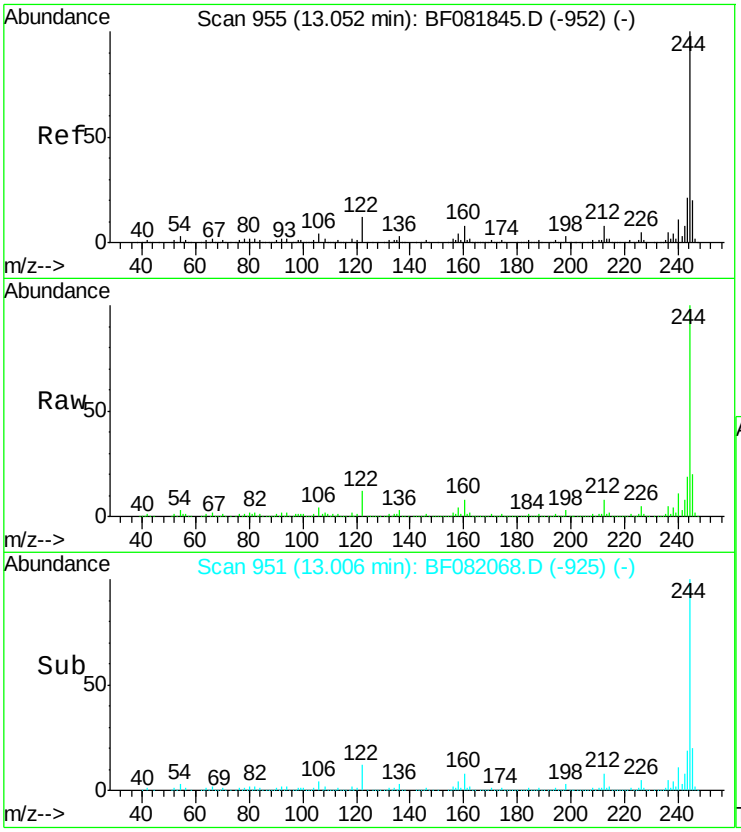


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF082068.D
Acq: 6 Oct 2015 3:01

Tgt Ion:240 Resp: 205120

Ion	Ratio	Lower	Upper
240	100		
120	11.4	16.2	24.2#
236	25.4	18.4	27.6



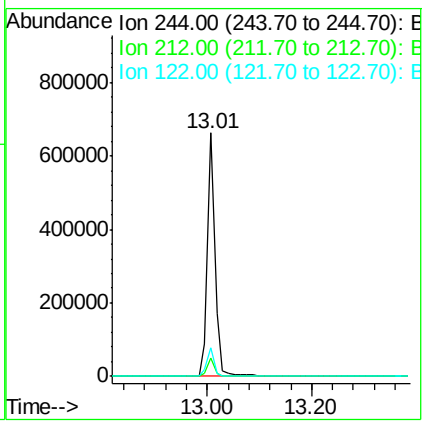


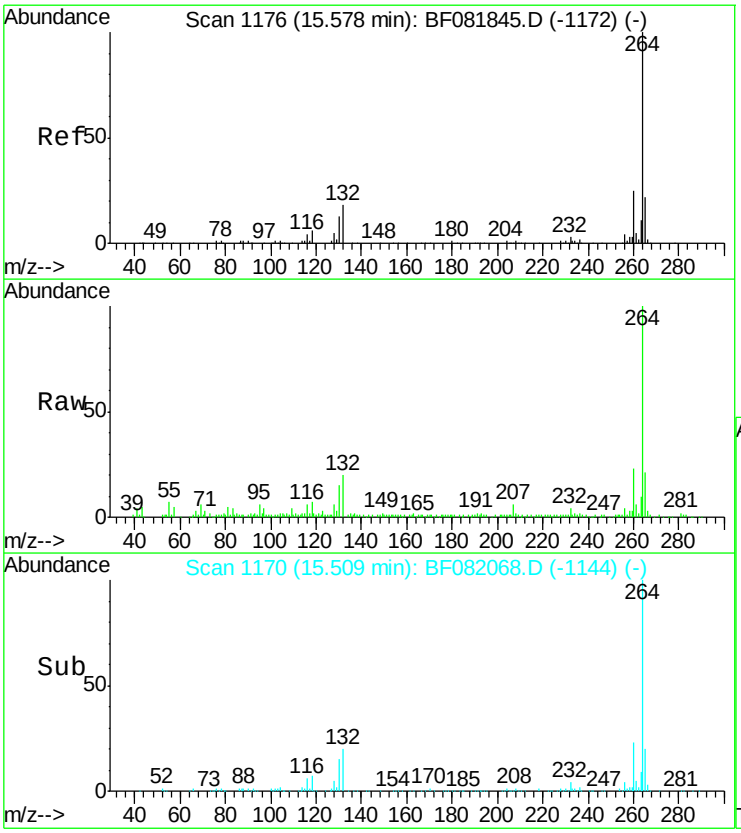
#78
Terphenyl-d14
Concen: 120.31 ng
RT: 13.01 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF082068.D
Acq: 6 Oct 2015 3:01

Instrument :
BNA_F
ClientSampleId :
SS-3(0-24)

Tgt Ion:244 Resp: 678799

Ion	Ratio	Lower	Upper
244	100		
212	7.8	4.3	6.5#
122	11.6	17.4	26.2#

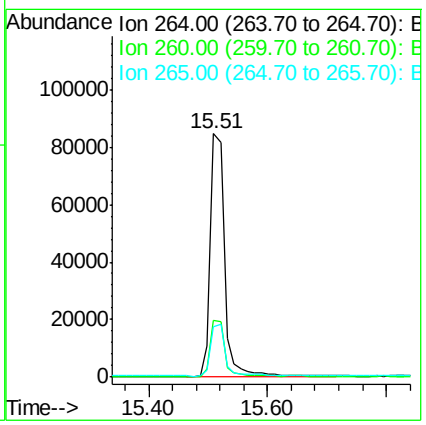


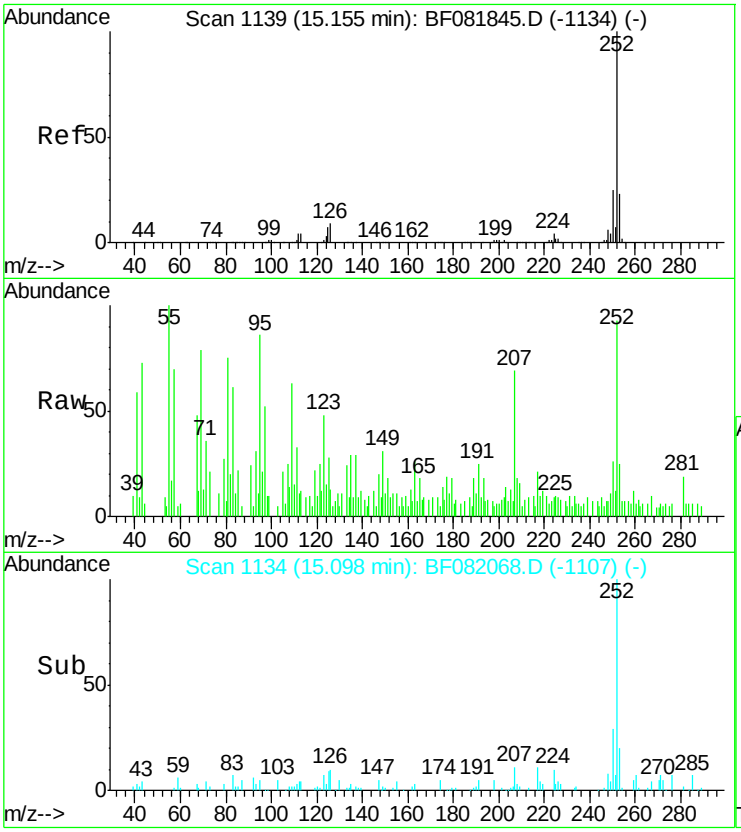


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF082068.D
Acq: 6 Oct 2015 3:01

Tgt Ion:264 Resp: 144846

Ion	Ratio	Lower	Upper
264	100		
260	23.1	16.7	25.1
265	20.8	17.2	25.8



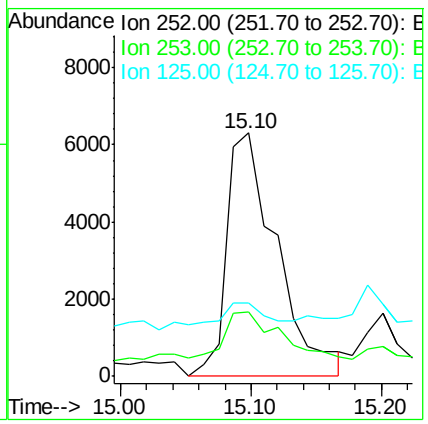


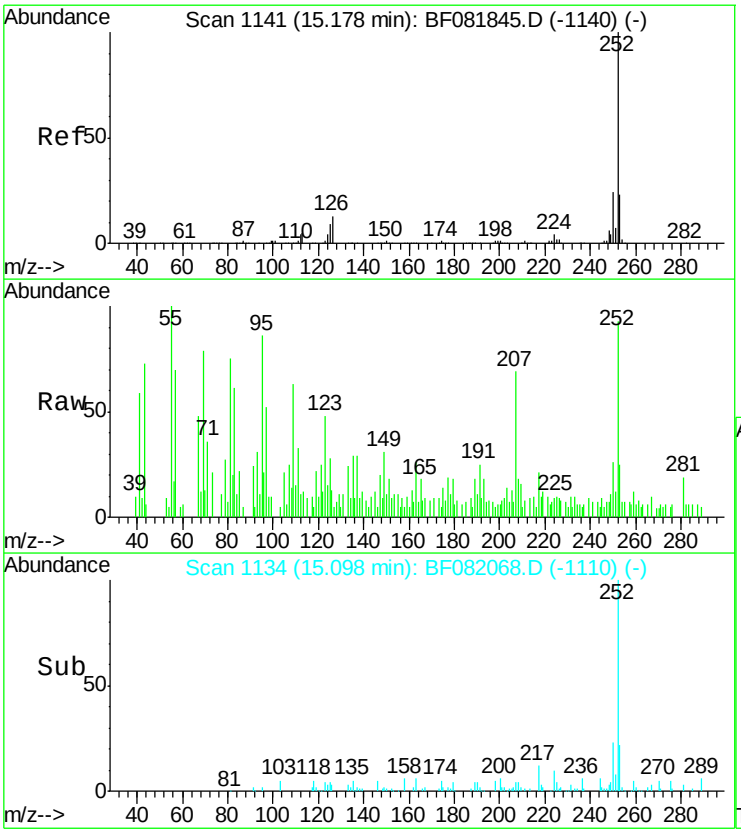
#87
Benzo(b)fluoranthene
Concen: 2.03 ng
RT: 15.10 min Scan# 1134
Delta R.T. 0.01 min
Lab File: BF082068.D
Acq: 6 Oct 2015 3:01

Instrument :
BNA_F
ClientSampleId :
SS-3(0-24)

Tgt Ion:252 Resp: 16787

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.5	26.3
125	30.0	17.1	25.7#





#88
Benzo(k)fluoranthene
Concen: 2.21 ng
RT: 15.10 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF082068.D
Acq: 6 Oct 2015 3:01

Tgt Ion:252 Resp: 16787

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.0	25.4#
125	30.0	16.0	24.0#