Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085273.D
Acq On : 8 Mar 2016 23:31
Operator : UM/SJ
Sample : H1684-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 48-BRIDGE-GRID-1

Quant Time: Mar 09 00:12:56 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	156071	20.00	ng		-0.02
21) Naphthalene-d8	8.24	136	593858	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	291720	20.00	ng		-0.02
63) Phenanthrene-d10	11.49	188	541773	20.00	ng		-0.02
75) Chrysene-d12	14.12	240	390037	20.00	ng		-0.03
86) Perylene-d12	15.58	264	269688	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1265470	136.01	ng		0.00
7) Phenol-d6	6.58	99	1259655	103.33	ng		-0.02
23) Nitrobenzene-d5	7.52	82	950548	85.65	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	379084	151.87	ng		-0.02
44) 2-Fluorobiphenyl	9.33	172	1824363	95.11	ng		-0.02
78) Terphenyl-d14	13.08	244	1839125	109.46	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.73	77	29567	2.31	ng		90
19) n-Nitroso-di-n-propylamine	7.52	70	127246	16.02	ng	#	78
25) Isophorone	7.52	82	706299	34.34	ng	#	67
31) Naphthalene	8.26	128	1078358	36.93	ng		99
33) 4-Chloroaniline	8.26	127	144343	12.22	ng	#	32
37) 2-Methylnaphthalene	8.95	142	99715	5.32	ng		96
50) 2,6-Dinitrotoluene	10.00	165	38232	7.98	ng	#	26
51) Acenaphthene	10.04	154	56468	3.15	ng		97
55) 4-Nitrophenol	10.21	139	17942	3.98	ng	#	17
56) 2,4-Dinitrotoluene	10.00	165	38226	6.24	ng	#	22
57) Fluorene	10.55	166	38370	2.08	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	27462	5.22	ng	#	1
70) Phenanthrene	11.51	178	78812	2.78	ng		96

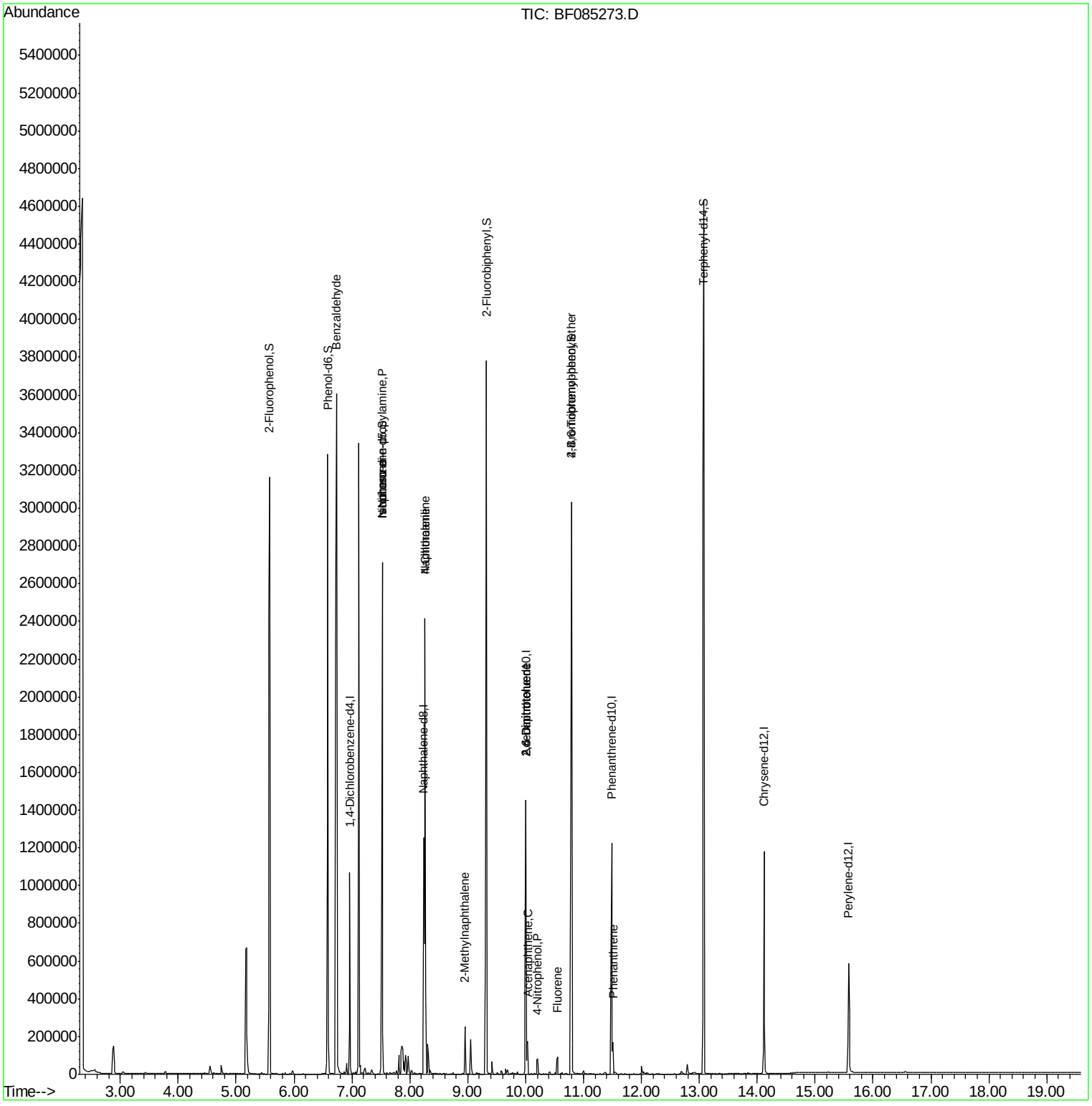
(#) = qualifier out of range (m) = manual integration (+) = signals summed

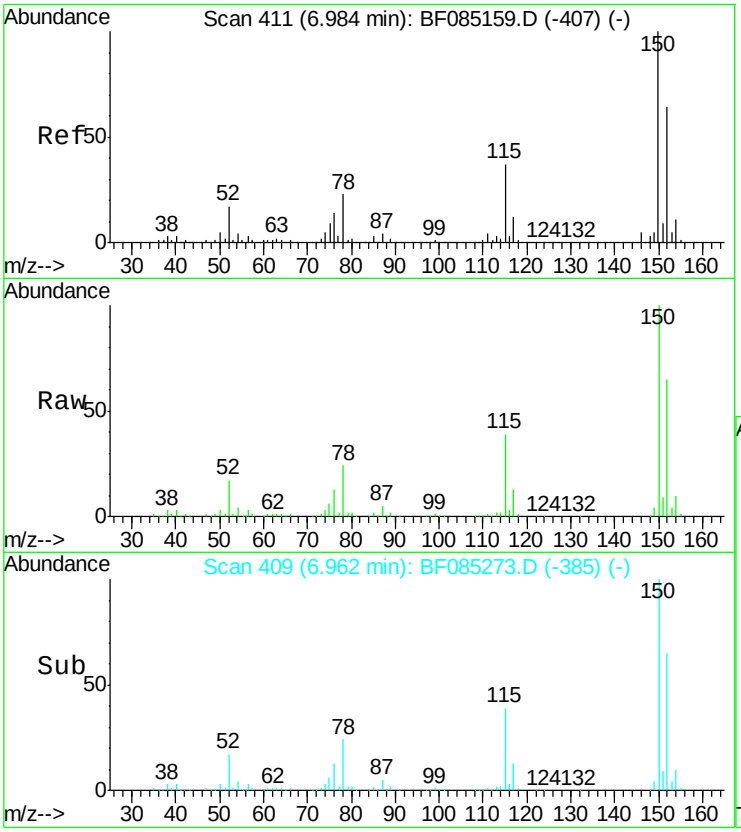
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085273.D
Acq On : 8 Mar 2016 23:31
Operator : UM/SJ
Sample : H1684-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 48-BRIDGE-GRID-1

Quant Time: Mar 09 00:12:56 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration



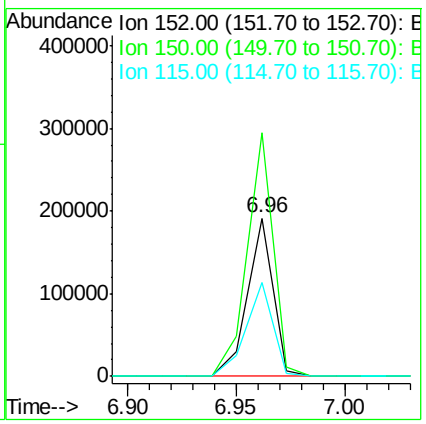


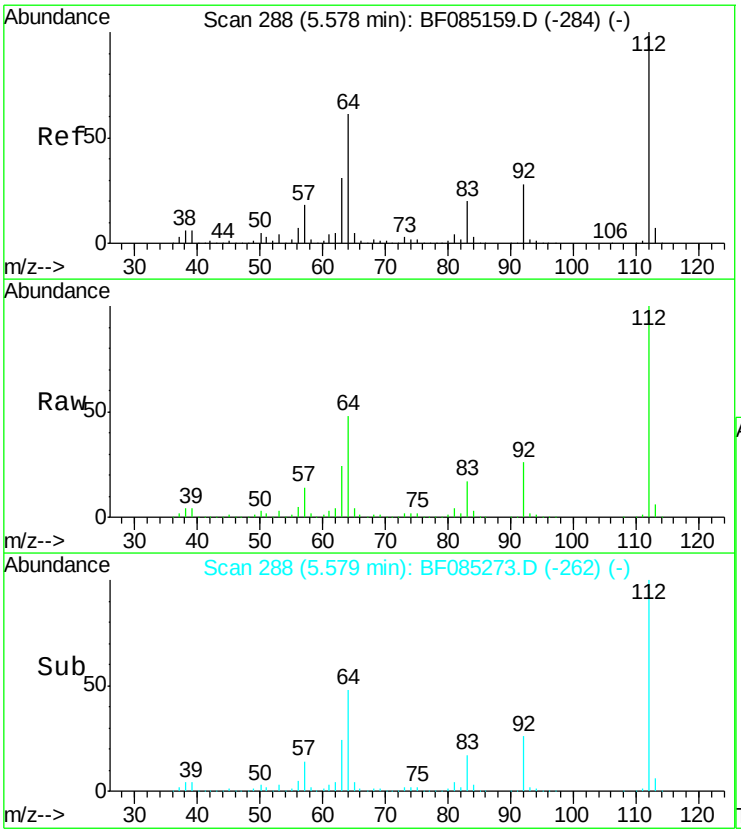
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.96 min Scan# 409
Delta R.T. -0.02 min
Lab File: BF085273.D
Acq: 8 Mar 2016 23:31

Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1

Tgt Ion:152 Resp: 156071

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	59.6	46.6	70.0

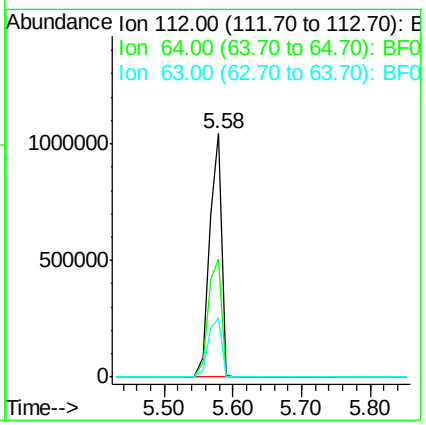


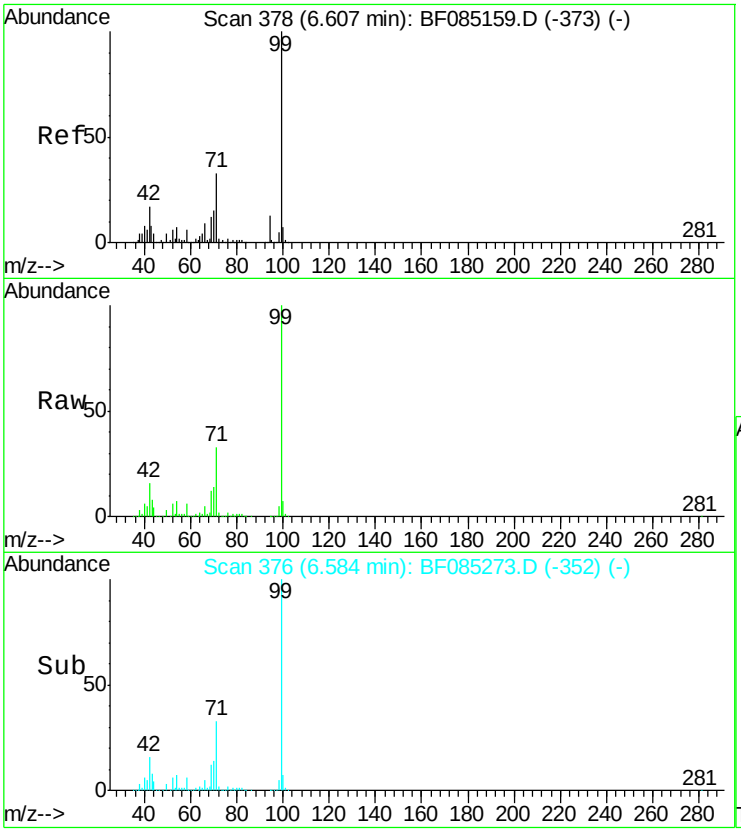


#5
2-Fluorophenol
Concen: 136.01 ng
RT: 5.58 min Scan# 288
Delta R.T. 0.00 min
Lab File: BF085273.D
Acq: 8 Mar 2016 23:31

Tgt Ion:112 Resp: 1265470

Ion	Ratio	Lower	Upper
112	100		
64	48.3	49.0	73.4#
63	24.2	24.8	37.2#



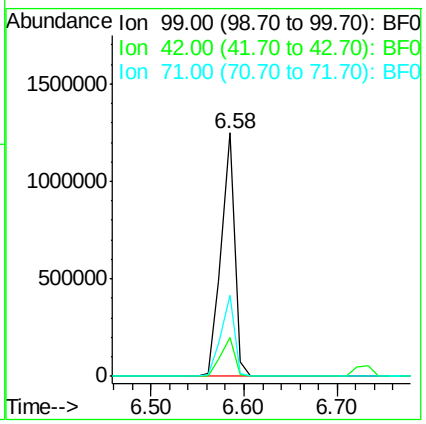


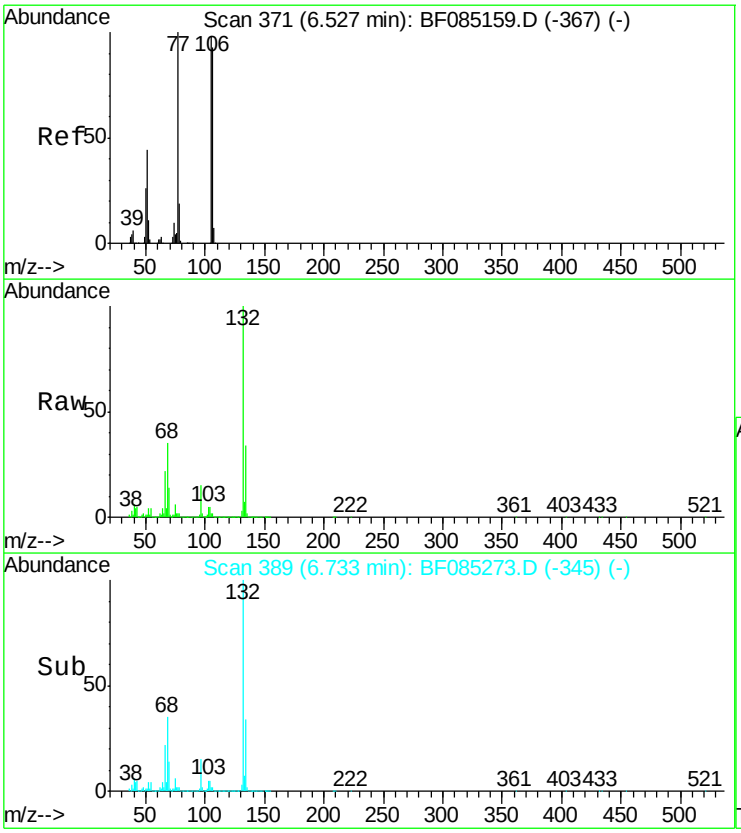
#7
Phenol-d6
Concen: 103.33 ng
RT: 6.58 min Scan# 376
Delta R.T. -0.02 min
Lab File: BF085273.D
Acq: 8 Mar 2016 23:31

Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1

Tgt Ion: 99 Resp: 1259655

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.6	20.4
71	33.2	26.7	40.1

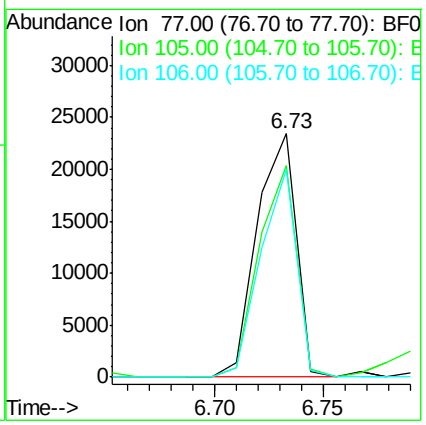


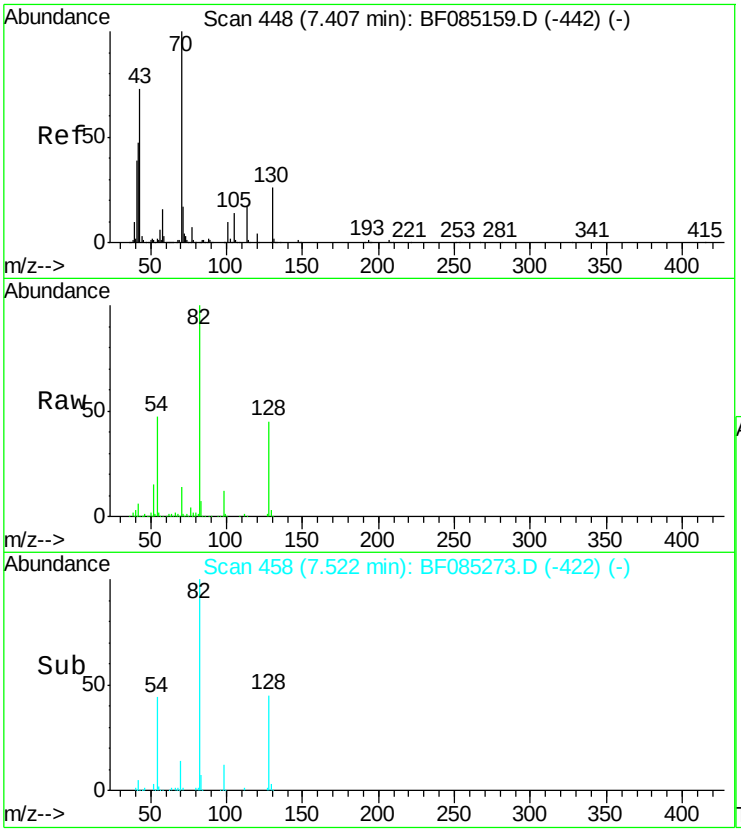


#9
Benzaldehyde
Concen: 2.31 ng
RT: 6.73 min Scan# 389
Delta R.T. 0.21 min
Lab File: BF085273.D
Acq: 8 Mar 2016 23:31

Tgt Ion: 77 Resp: 29567

Ion	Ratio	Lower	Upper
77	100		
105	86.8	78.2	118.2
106	85.3	72.9	112.9



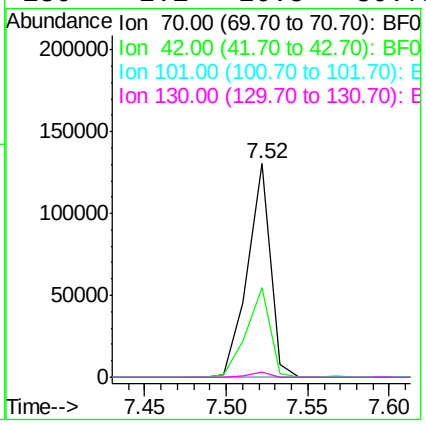


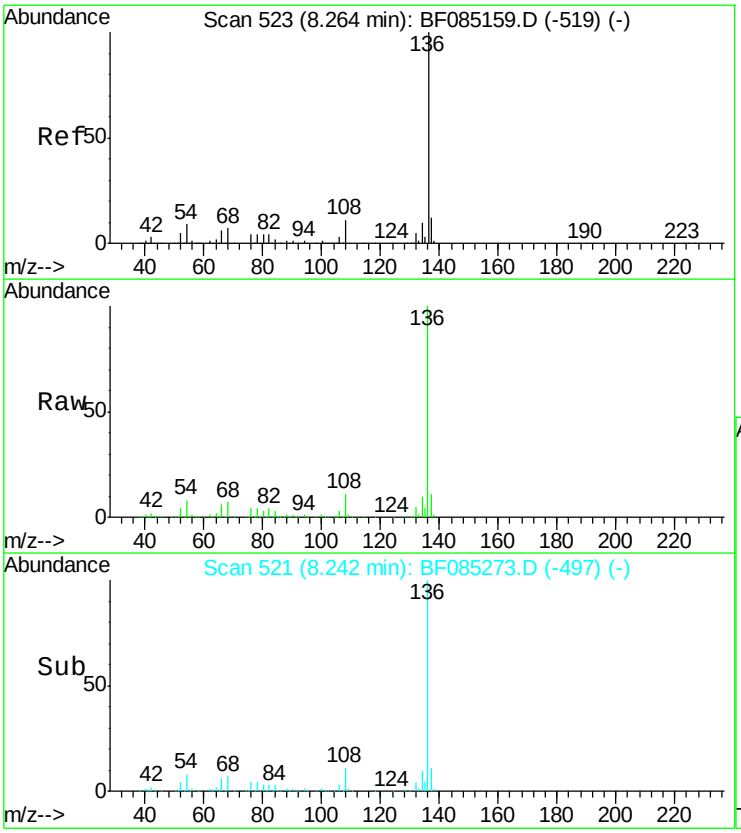
#19
n-Nitroso-di-n-propylamine
Concen: 16.02 ng
RT: 7.52 min Scan# 458
Delta R.T. 0.11 min
Lab File: BF085273.D
Acq: 8 Mar 2016 23:31

Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1

Tgt Ion: 70 Resp: 127246

Ion	Ratio	Lower	Upper
70	100		
42	42.2	37.7	56.5
101	0.0	8.2	12.4#
130	2.1	20.5	30.7#

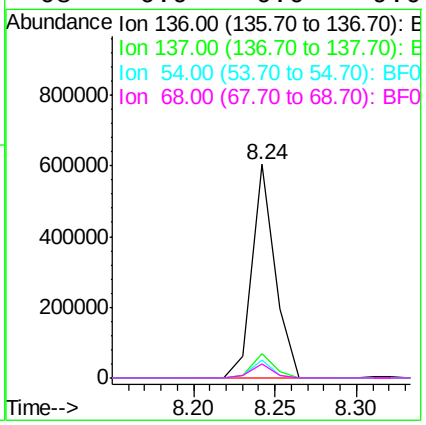


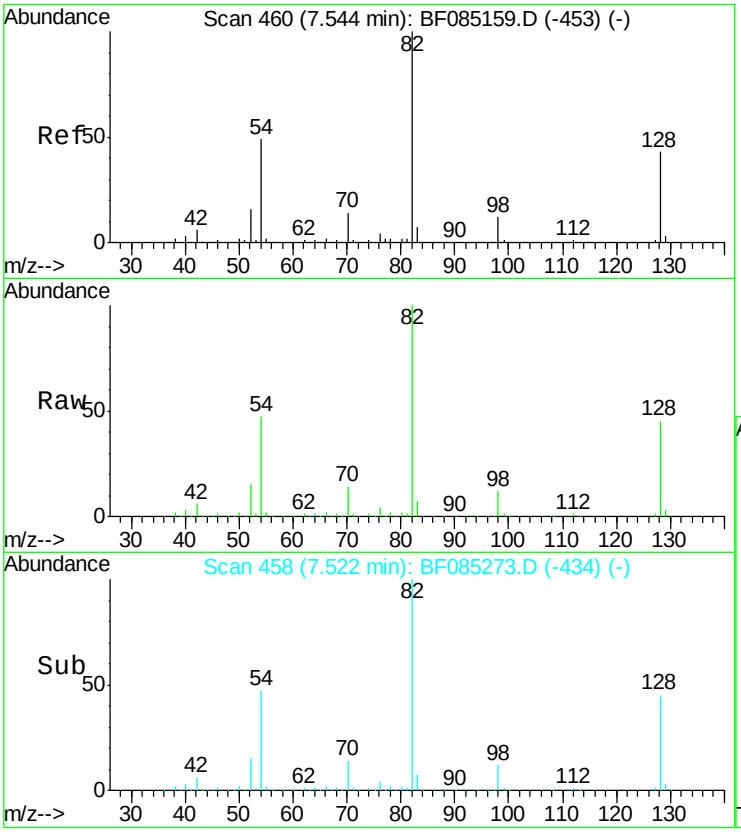


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF085273.D
Acq: 8 Mar 2016 23:31

Tgt Ion:136 Resp: 593858

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	8.3	7.4	11.2
68	6.9	6.0	9.0



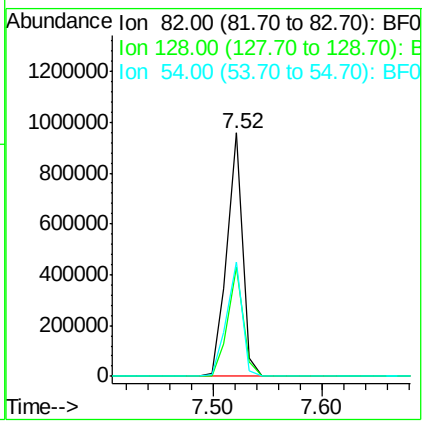


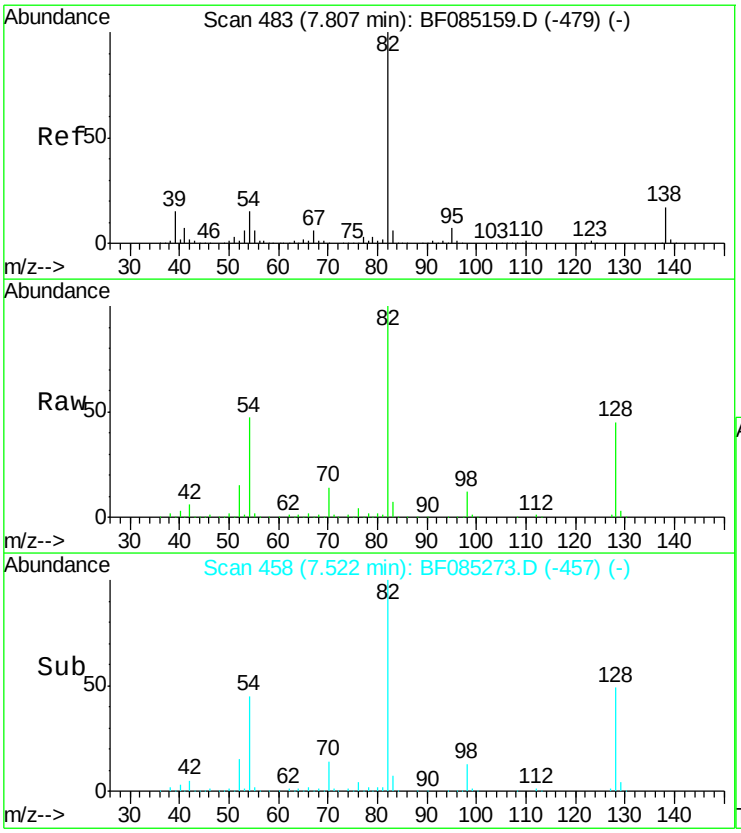
#23
Nitrobenzene-d5
Concen: 85.65 ng
RT: 7.52 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF085273.D
Acq: 8 Mar 2016 23:31

Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1

Tgt Ion: 82 Resp: 950548

Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.5	51.7
54	46.8	39.3	58.9

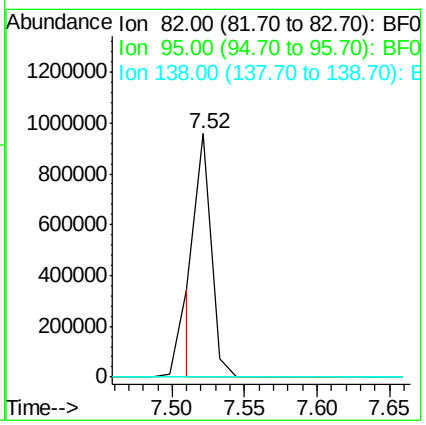


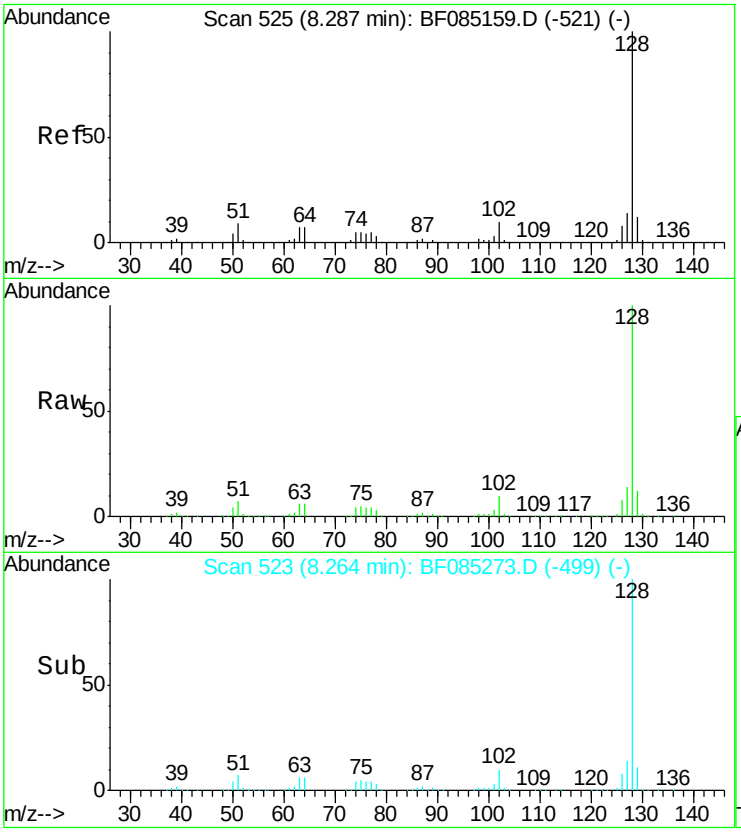


#25
Isophorone
Concen: 34.34 ng
RT: 7.52 min Scan# 458
Delta R.T. -0.29 min
Lab File: BF085273.D
Acq: 8 Mar 2016 23:31

Tgt Ion: 82 Resp: 706299

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	13.3	19.9#



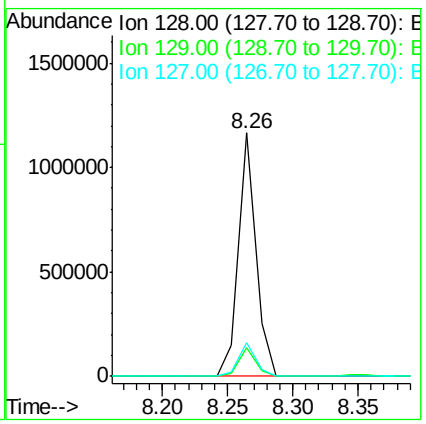


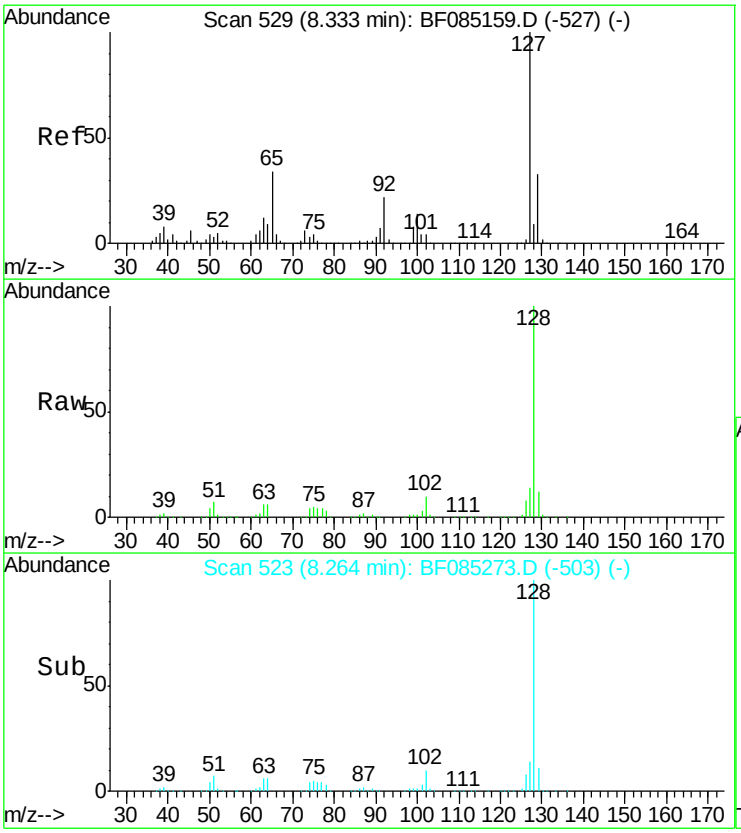
#31
Naphthalene
Concen: 36.93 ng
RT: 8.26 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF085273.D
Acq: 8 Mar 2016 23:31

Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1

Tgt Ion:128 Resp: 1078358

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.7	14.5
127	13.7	11.2	16.8

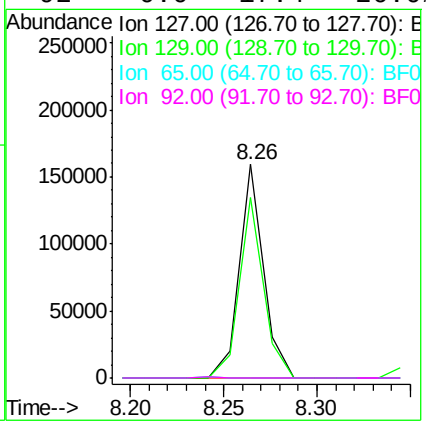


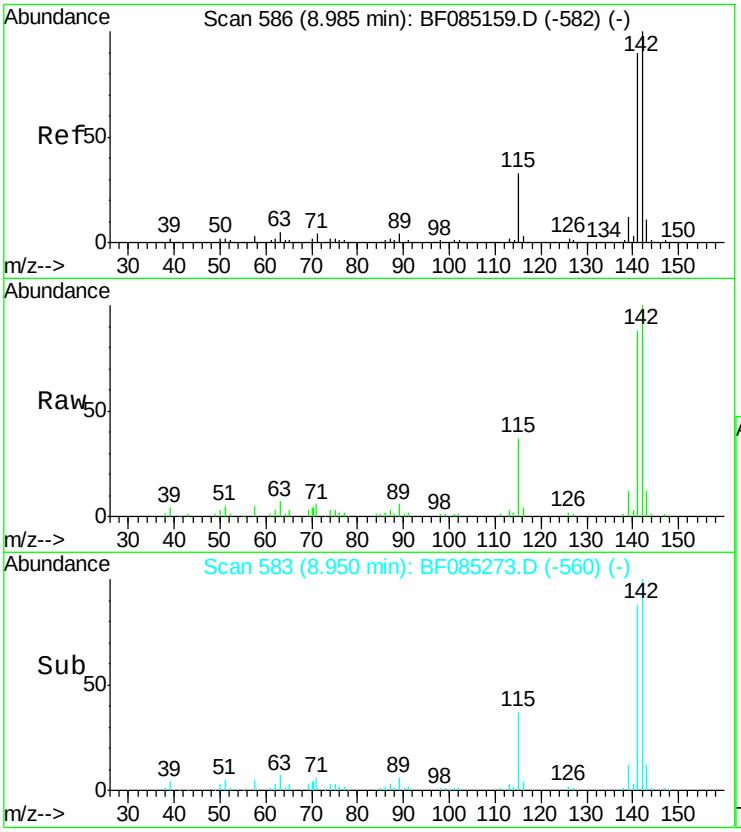


#33
4-Chloroaniline
Concen: 12.22 ng
RT: 8.26 min Scan# 523
Delta R.T. -0.07 min
Lab File: BF085273.D
Acq: 8 Mar 2016 23:31

Tgt Ion:127 Resp: 144343

Ion	Ratio	Lower	Upper
127	100		
129	84.7	26.1	39.1#
65	0.0	27.0	40.6#
92	0.0	17.4	26.0#



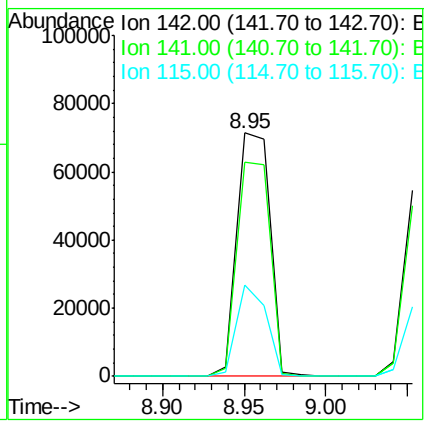


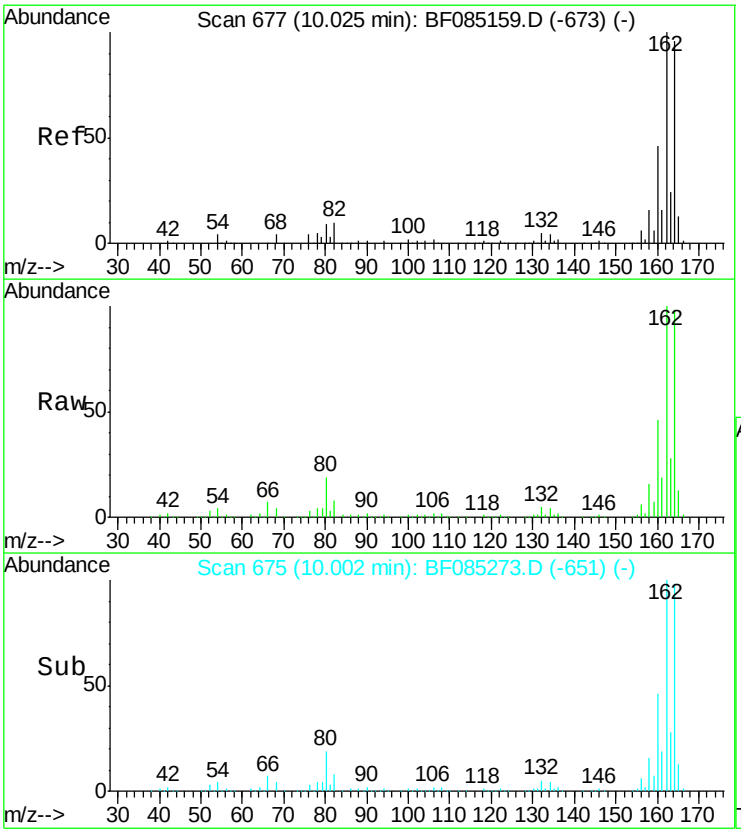
#37
2-Methylnaphthalene
Concen: 5.32 ng
RT: 8.95 min Scan# 583
Delta R.T. -0.03 min
Lab File: BF085273.D
Acq: 8 Mar 2016 23:31

Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1

Tgt Ion:142 Resp: 99715

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.7	107.5
115	37.3	26.2	39.4

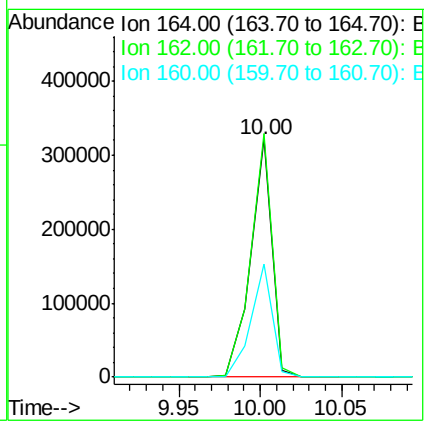


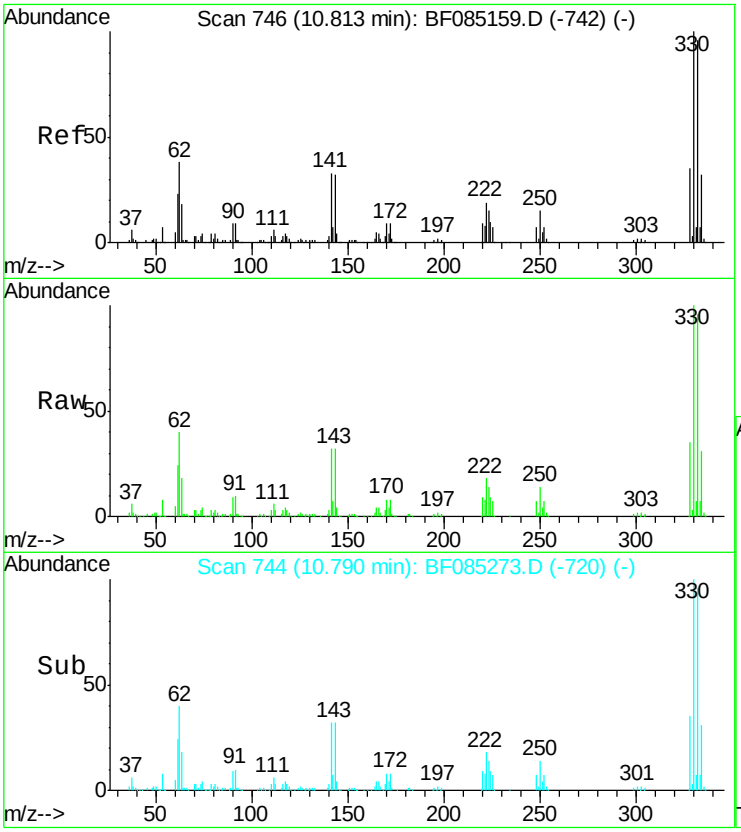


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF085273.D
Acq: 8 Mar 2016 23:31

Tgt Ion:164 Resp: 291720

Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.3	124.9
160	47.2	37.9	56.9



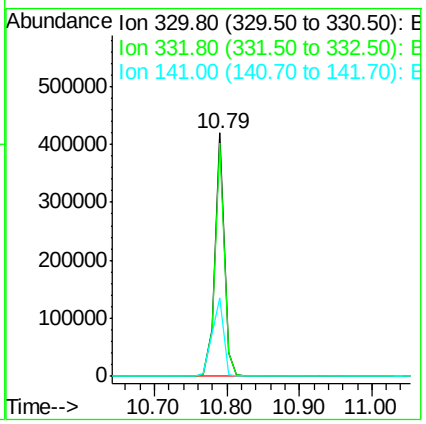


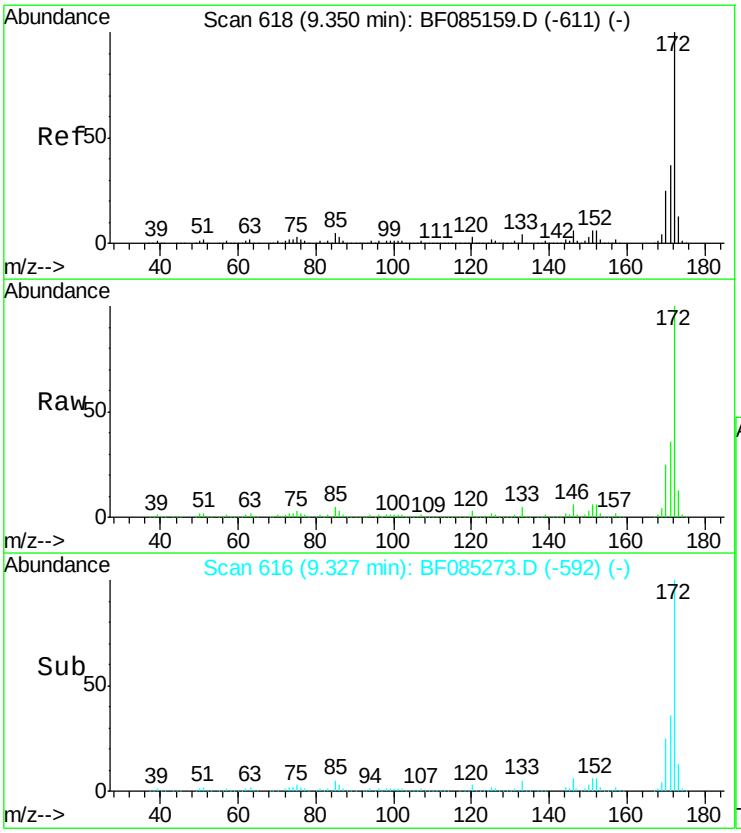
#41
2,4,6-Tribromophenol
Concen: 151.87 ng
RT: 10.79 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF085273.D
Acq: 8 Mar 2016 23:31

Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1

Tgt Ion:330 Resp: 379084

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.1	115.7
141	40.0	35.0	52.6

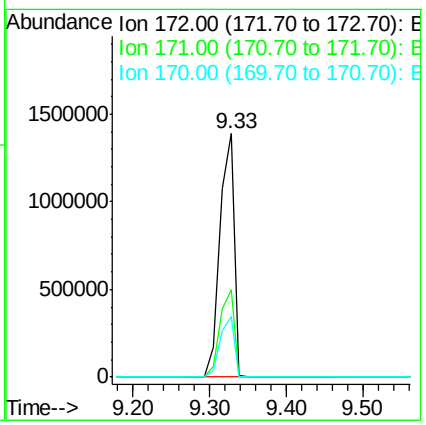


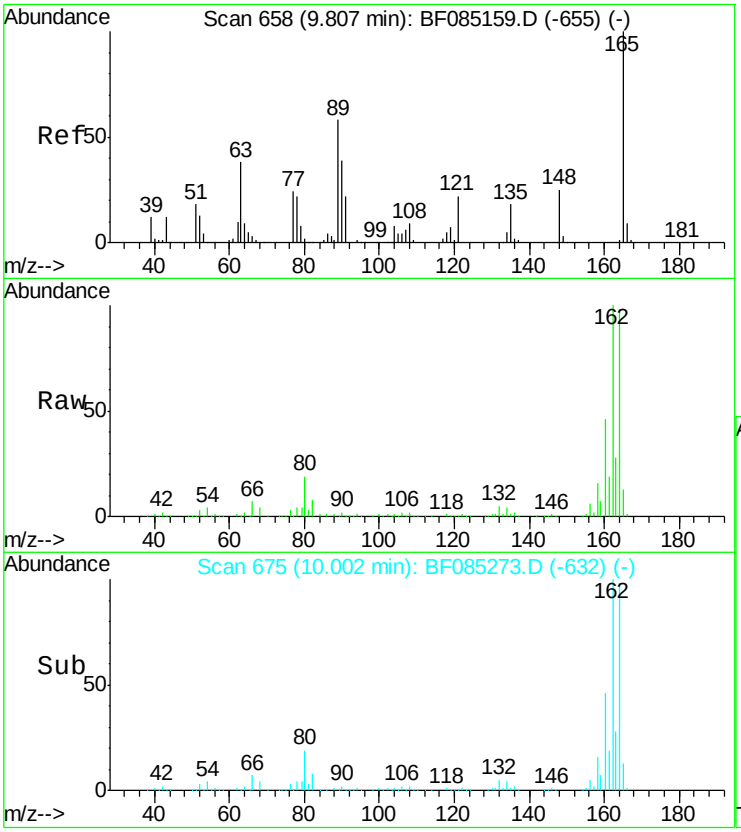


#44
2-Fluorobiphenyl
Concen: 95.11 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF085273.D
Acq: 8 Mar 2016 23:31

Tgt Ion:172 Resp: 1824363

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.3	43.9
170	24.7	20.0	30.0



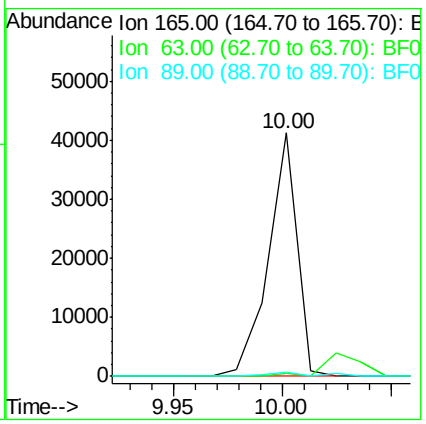


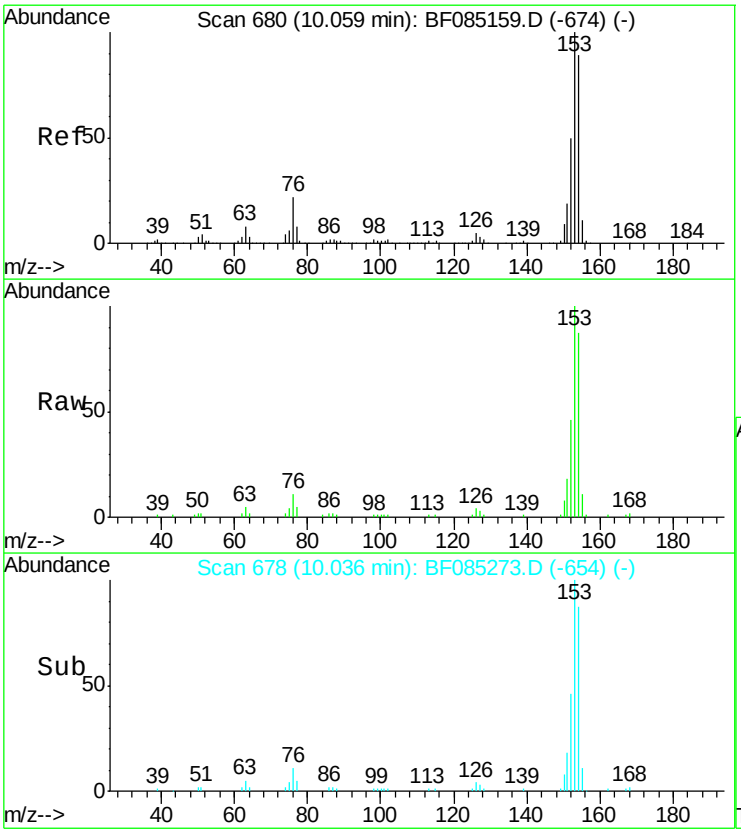
#50
2,6-Dinitrotoluene
Concen: 7.98 ng
RT: 10.00 min Scan# 675
Delta R.T. 0.19 min
Lab File: BF085273.D
Acq: 8 Mar 2016 23:31

Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1

Tgt Ion:165 Resp: 38232

Ion	Ratio	Lower	Upper
165	100		
63	1.3	41.8	62.8#
89	2.0	46.7	70.1#

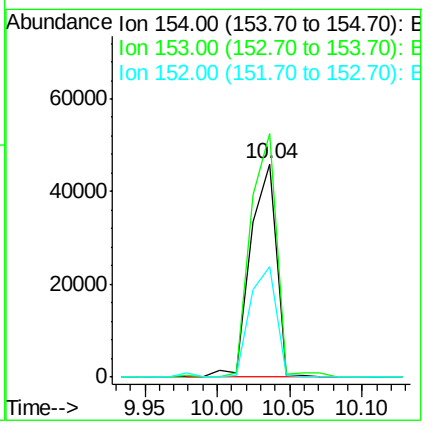


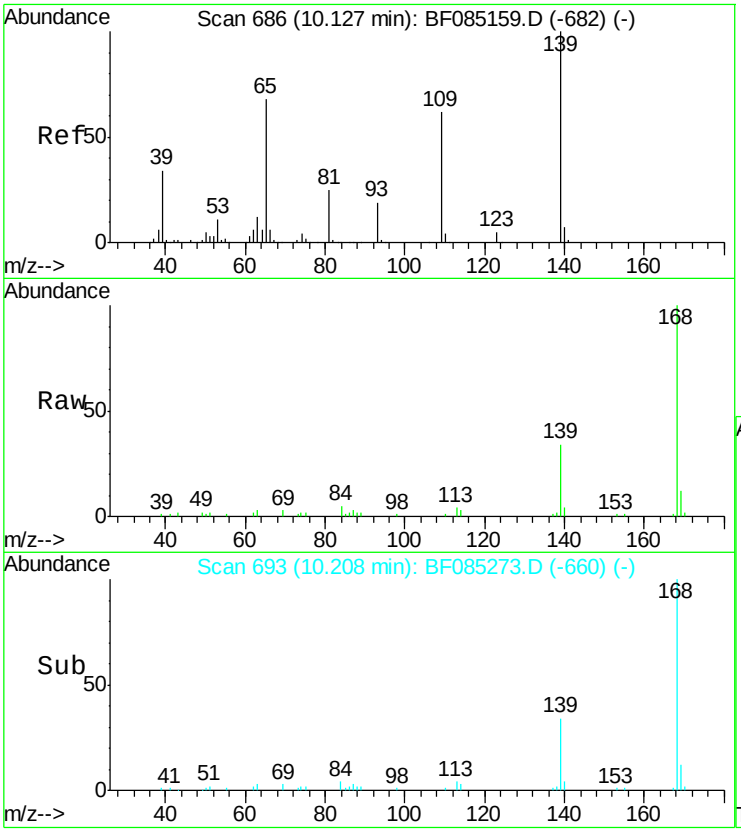


#51
Acenaphthene
Concen: 3.15 ng
RT: 10.04 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF085273.D
Acq: 8 Mar 2016 23:31

Tgt Ion:154 Resp: 56468

Ion	Ratio	Lower	Upper
154	100		
153	114.3	89.8	134.8
152	52.1	44.6	66.8



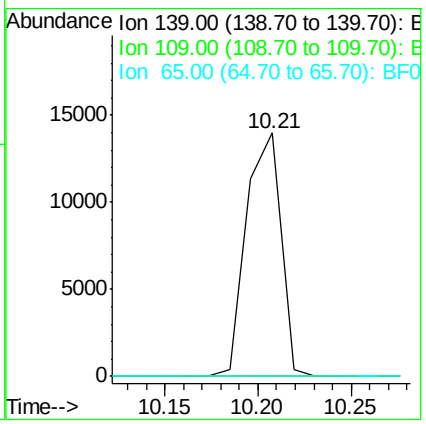


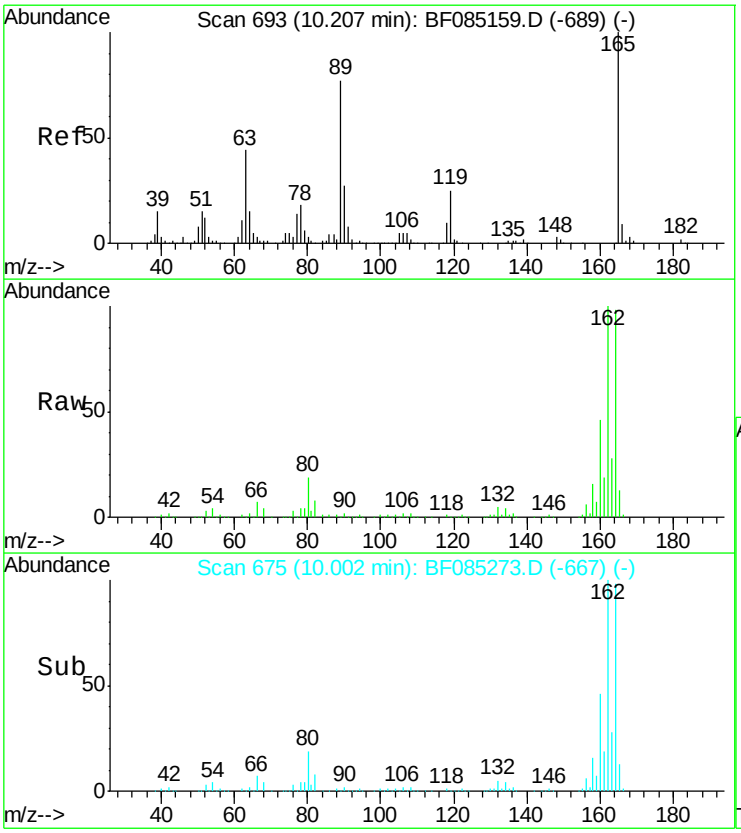
#55
4-Nitrophenol
Concen: 3.98 ng
RT: 10.21 min Scan# 693
Delta R.T. 0.08 min
Lab File: BF085273.D
Acq: 8 Mar 2016 23:31

Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1

Tgt Ion:139 Resp: 17942

Ion	Ratio	Lower	Upper
139	100		
109	0.0	41.9	81.9#
65	0.0	48.3	88.3#

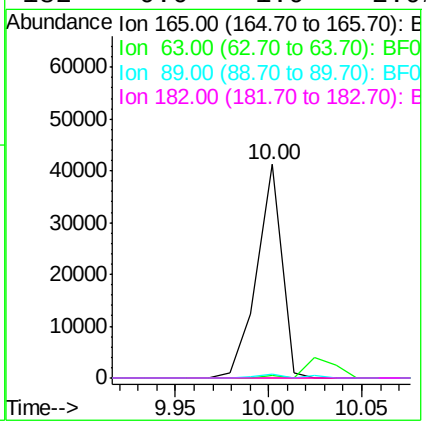


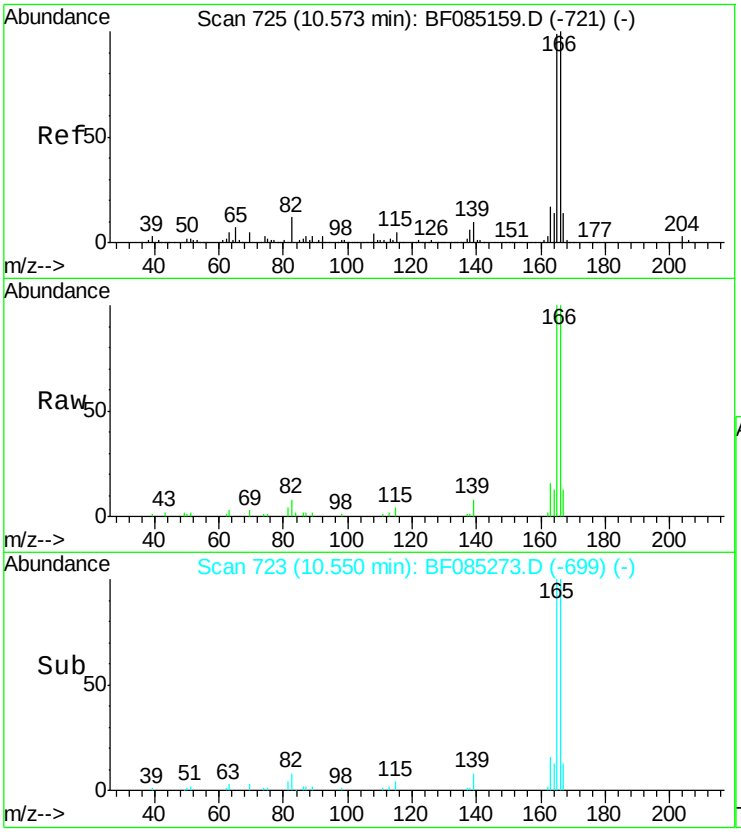


#56
2,4-Dinitrotoluene
Concen: 6.24 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.21 min
Lab File: BF085273.D
Acq: 8 Mar 2016 23:31

Tgt Ion:165 Resp: 38226

Ion	Ratio	Lower	Upper
165	100		
63	1.3	35.4	53.0#
89	2.0	61.9	92.9#
182	0.0	1.9	2.9#



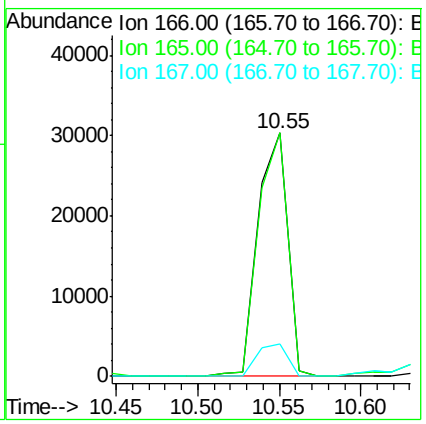


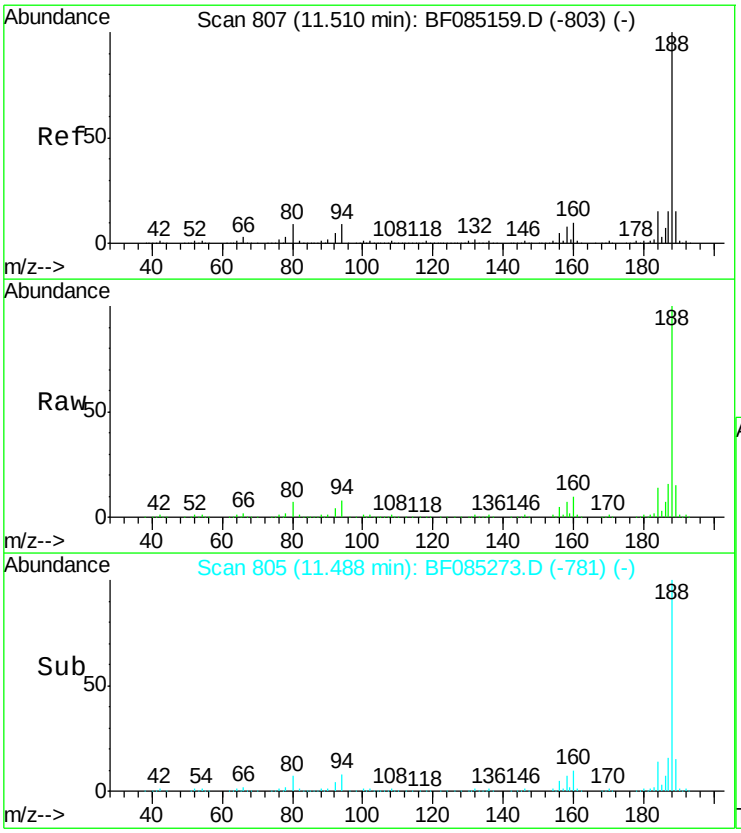
#57
Fluorene
Concen: 2.08 ng
RT: 10.55 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF085273.D
Acq: 8 Mar 2016 23:31

Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1

Tgt Ion:166 Resp: 38370

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.4	119.0
167	13.4	11.0	16.6

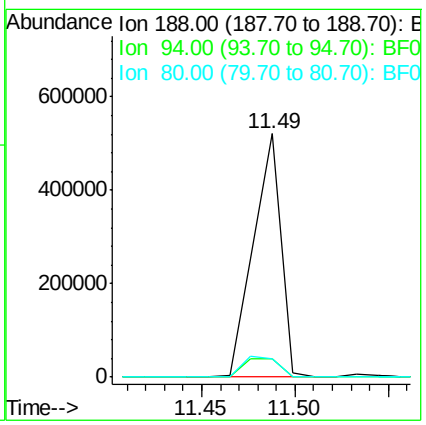


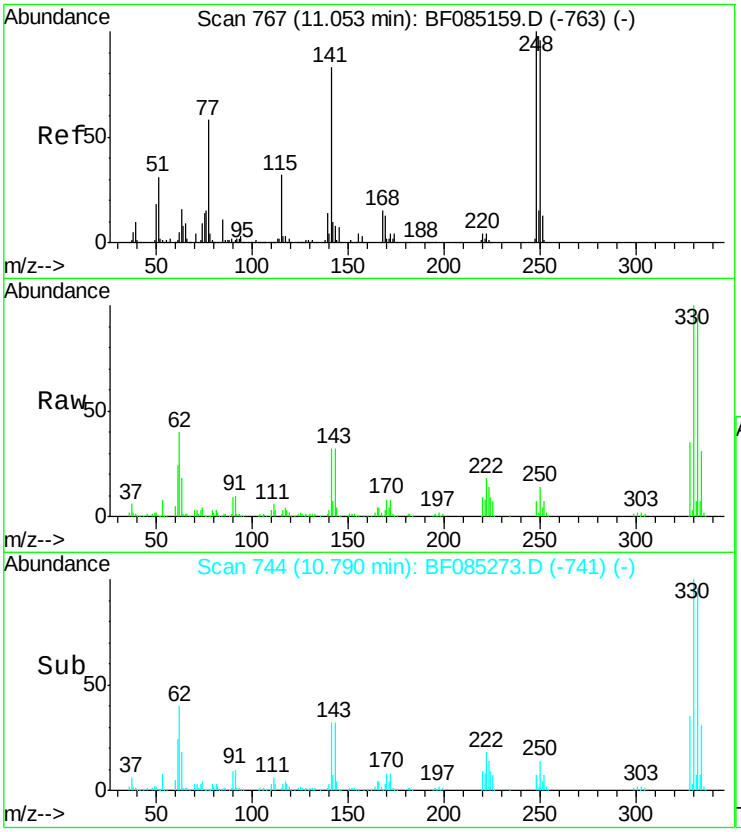


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF085273.D
Acq: 8 Mar 2016 23:31

Tgt Ion:188 Resp: 541773

Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.0	10.6
80	7.3	7.4	11.0#



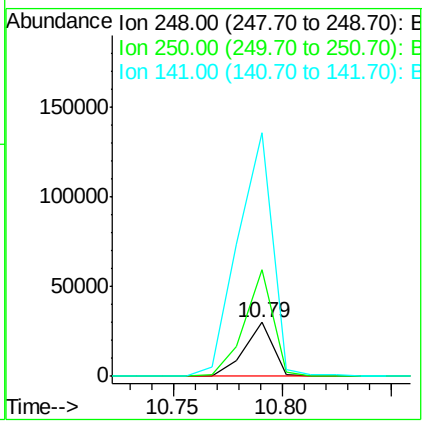


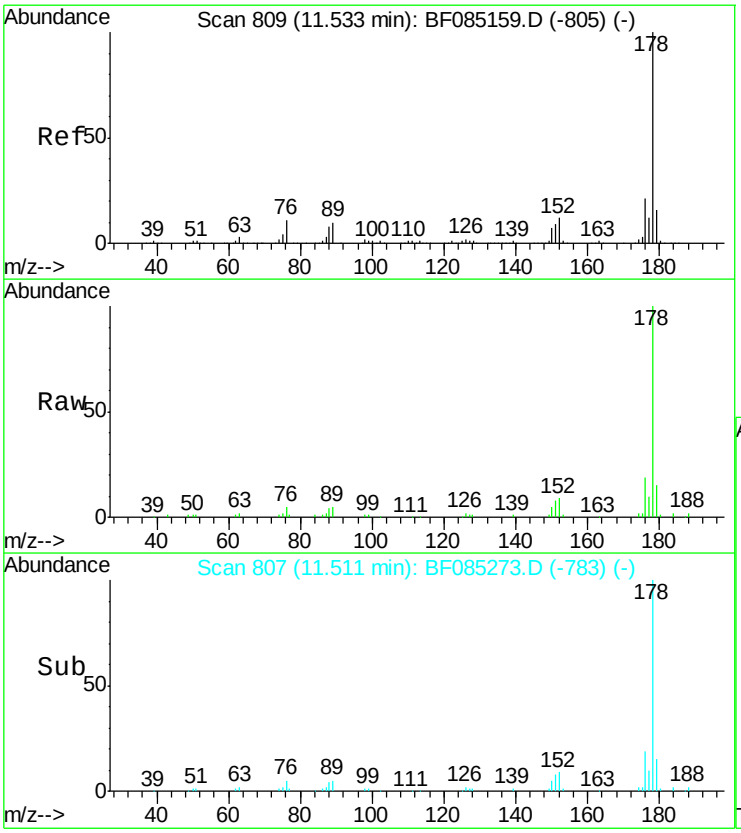
#66
4-Bromophenyl-phenylether
Concen: 5.22 ng
RT: 10.79 min Scan# 744
Delta R.T. -0.26 min
Lab File: BF085273.D
Acq: 8 Mar 2016 23:31

Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1

Tgt Ion:248 Resp: 27462

Ion	Ratio	Lower	Upper
248	100		
250	200.0	77.1	115.7#
141	453.9	66.2	99.2#

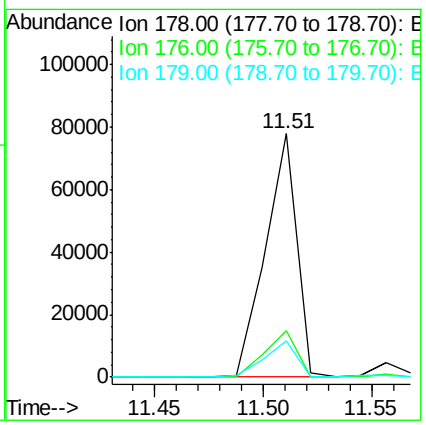


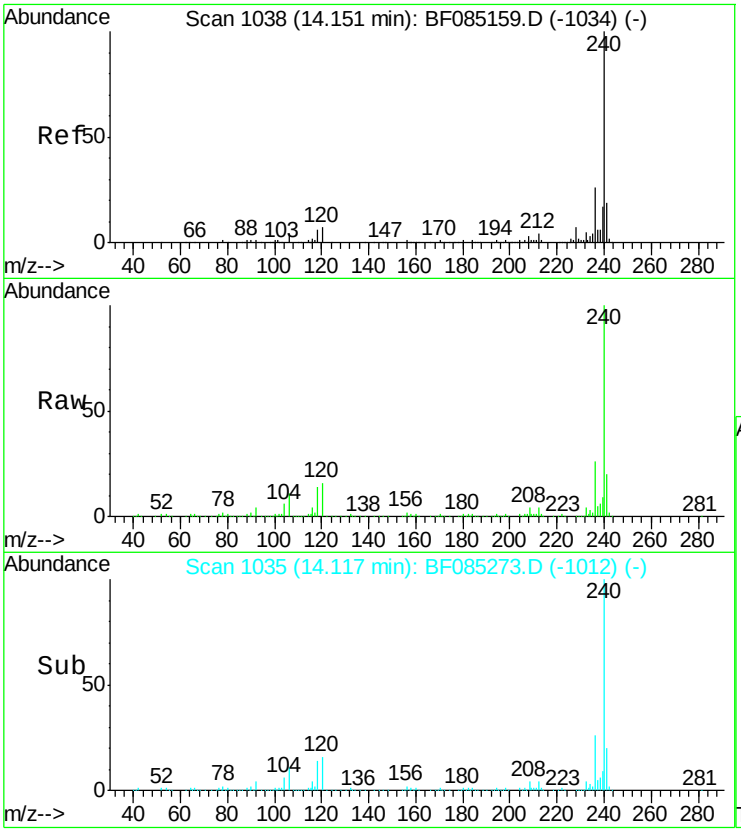


#70
Phenanthrene
Concen: 2.78 ng
RT: 11.51 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF085273.D
Acq: 8 Mar 2016 23:31

Tgt Ion:178 Resp: 78812

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.8	25.2
179	14.8	13.1	19.7



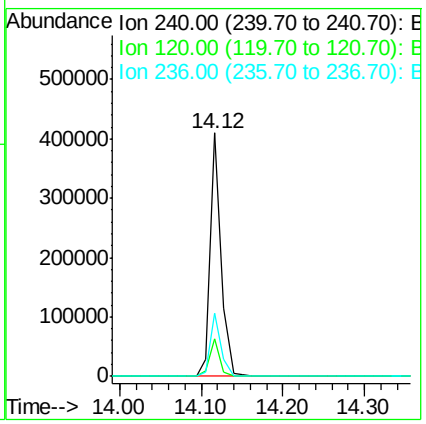


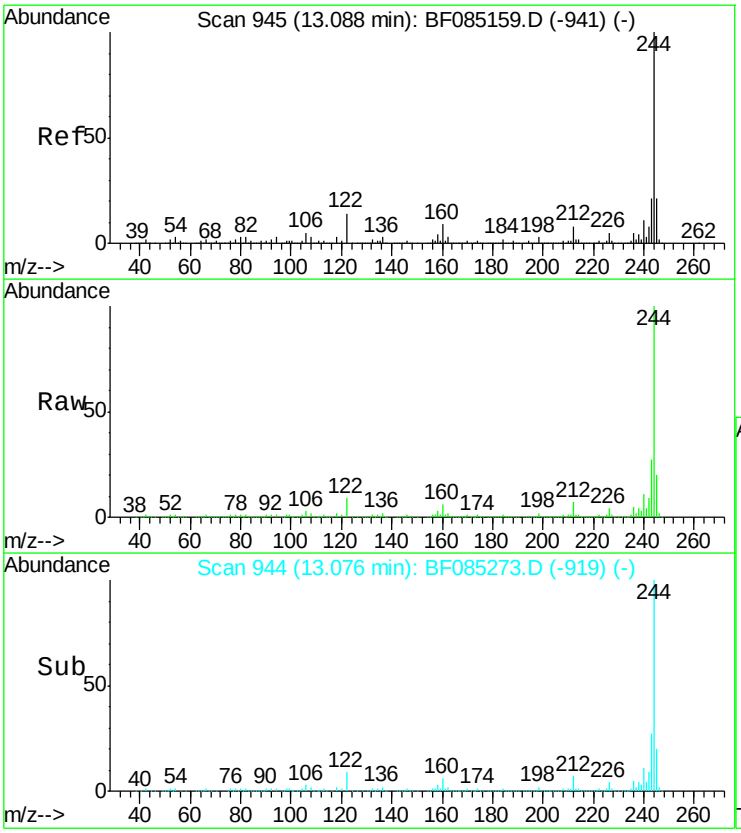
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF085273.D
Acq: 8 Mar 2016 23:31

Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1

Tgt Ion:240 Resp: 390037

Ion	Ratio	Lower	Upper
240	100		
120	15.5	5.3	7.9#
236	26.0	20.7	31.1

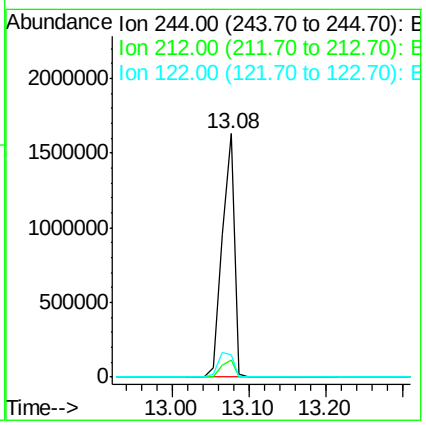


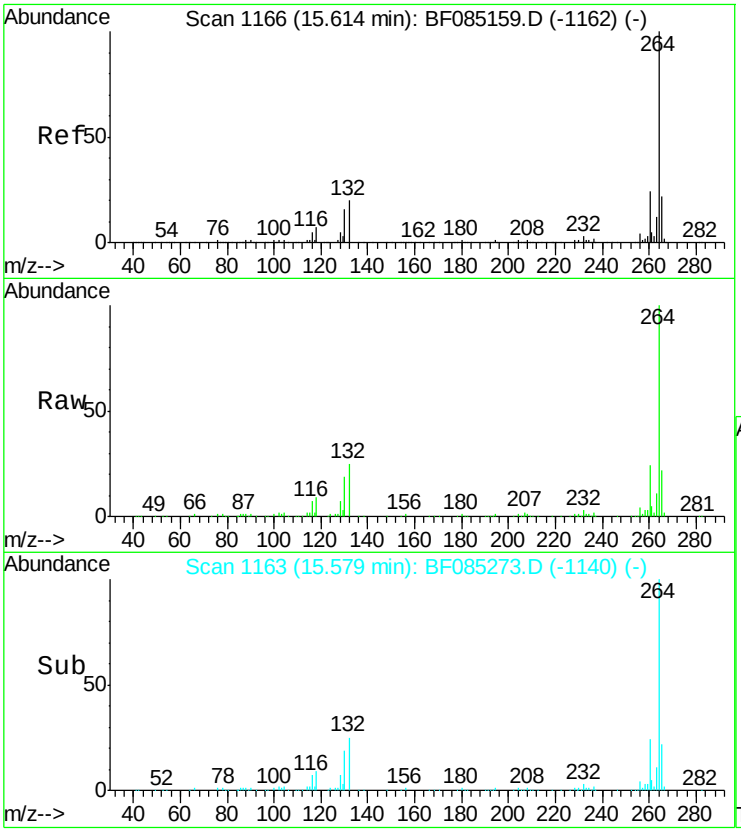


#78
Terphenyl-d14
Concen: 109.46 ng
RT: 13.08 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF085273.D
Acq: 8 Mar 2016 23:31

Tgt Ion:244 Resp: 1839125

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.4	9.6
122	9.2	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF085273.D
Acq: 8 Mar 2016 23:31

Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1

Tgt Ion:264 Resp: 269688

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	17.3	25.9