Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
Data File : BF085041.D
Acq On : 12 Feb 2016 5:07
Operator : SJ/IZ
Sample : H1397-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-COMP1

Quant Time: Feb 12 05:50:49 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 13:28:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	140164	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	616318	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	293720	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	498920	20.00	ng	-0.02
75) Chrysene-d12	13.75	240	325563	20.00	ng	-0.02
86) Perylene-d12	15.11	264	289537	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1071004	119.02	ng	0.01
7) Phenol-d6	6.26	99	1234785	110.69	ng	-0.02
23) Nitrobenzene-d5	7.18	82	937240	85.67	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	346324	113.04	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1801316	119.36	ng	-0.01
78) Terphenyl-d14	12.71	244	1396338	97.19	ng	-0.02
Target Compounds						Qvalue
15) Benzyl Alcohol	6.76	79	16359	2.12	ng	# 48
19) n-Nitroso-di-n-propylamine	7.18	70	125340	17.92	ng	# 70
31) Naphthalene	7.92	128	248716	8.05	ng	98
33) 4-Chloroaniline	7.92	127	32628	2.55	ng	# 36
50) 2,6-Dinitrotoluene	9.64	165	36840	7.54	ng	# 37
56) 2,4-Dinitrotoluene	9.64	165	36840	5.91	ng	# 21
66) 4-Bromophenyl-phenylether	10.43	248	21361	3.88	ng	# 1

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

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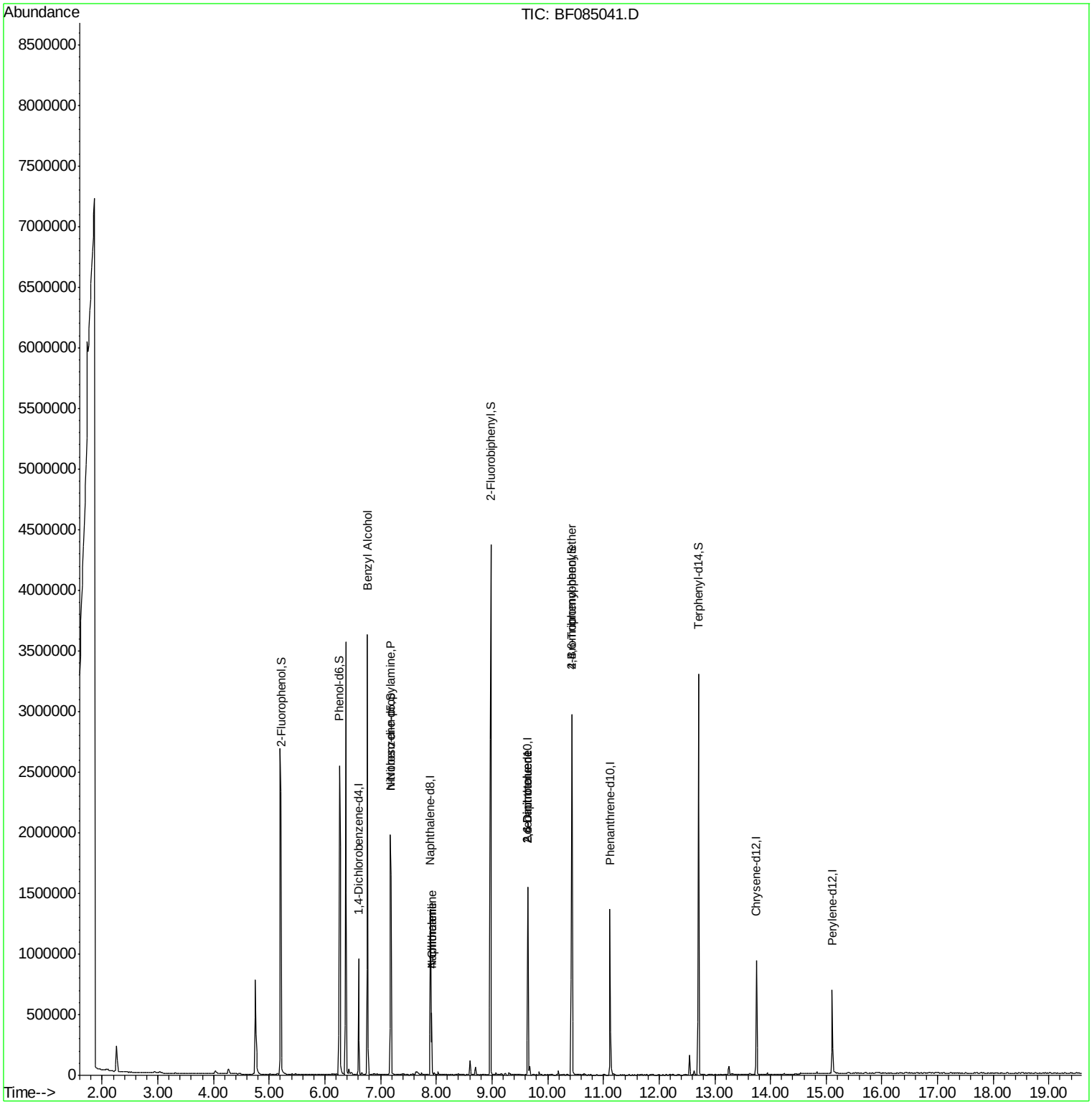
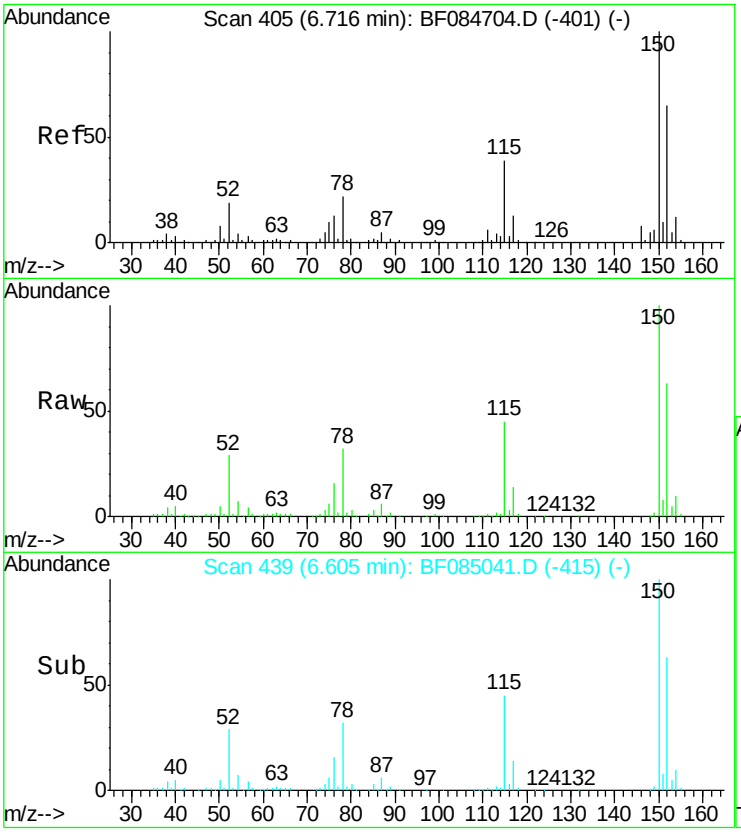


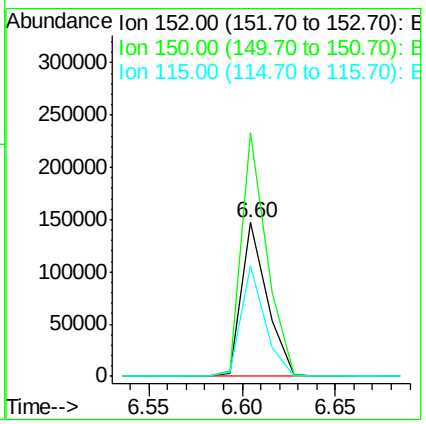


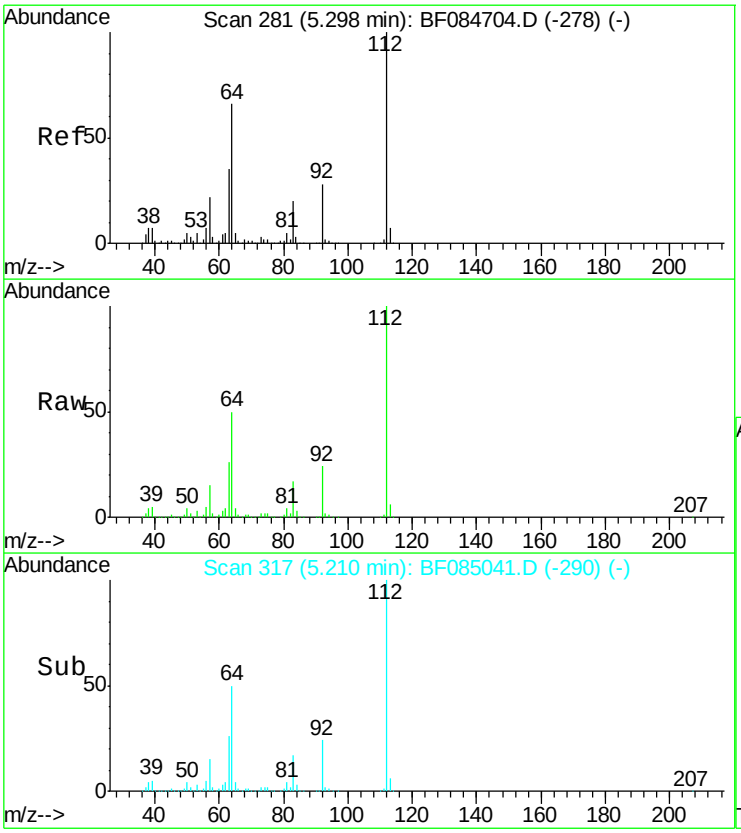
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. -0.02 min
Lab File: BF085041.D
Acq: 12 Feb 2016 5:07

Instrument :
BNA_G
ClientSampleId :
TEC-COMP1

Tgt Ion:152 Resp: 140164

Ion	Ratio	Lower	Upper
152	100		
150	158.3	123.0	184.4
115	71.6	51.4	77.2

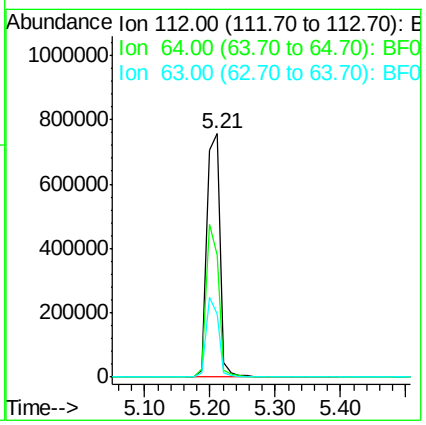


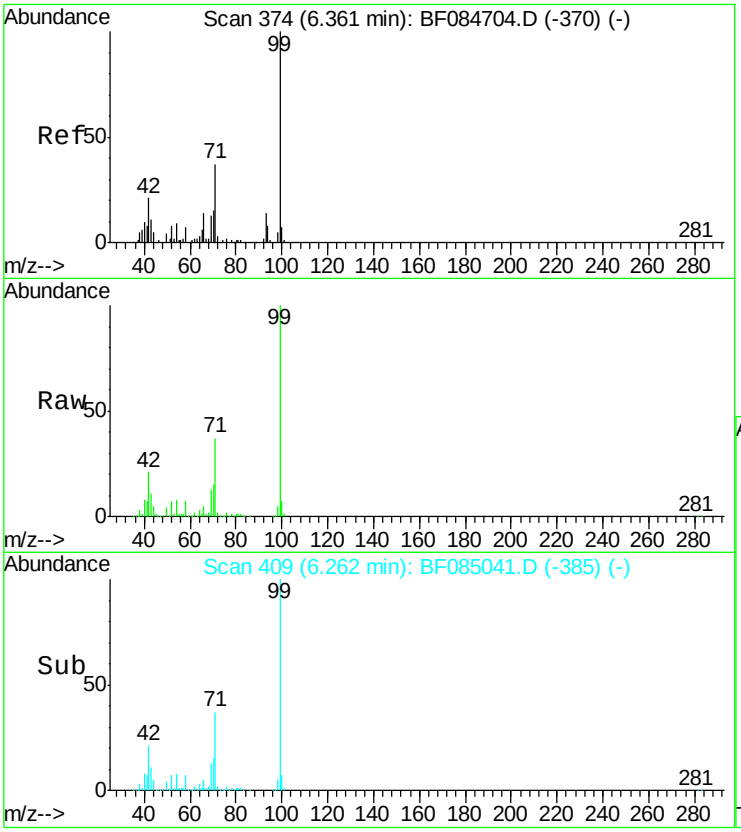


#5
2-Fluorophenol
Concen: 119.02 ng
RT: 5.21 min Scan# 317
Delta R.T. 0.01 min
Lab File: BF085041.D
Acq: 12 Feb 2016 5:07

Tgt Ion:112 Resp: 1071004

Ion	Ratio	Lower	Upper
112	100		
64	50.1	36.6	55.0
63	25.8	19.4	29.0



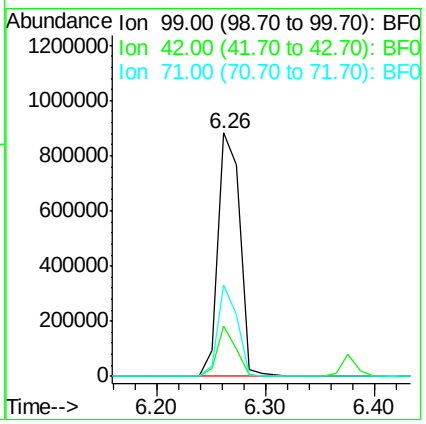


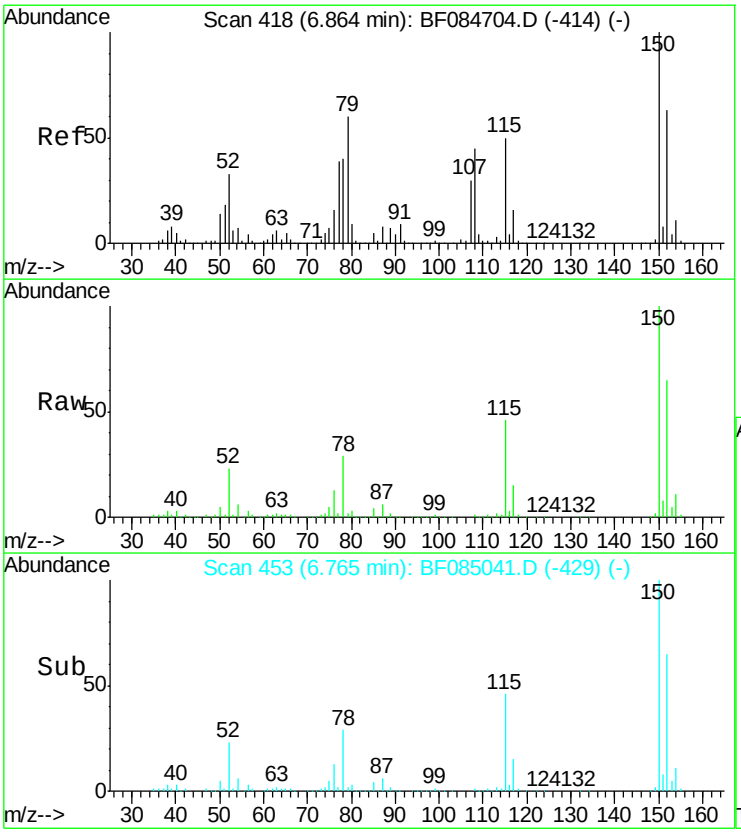
#7
Phenol-d6
Concen: 110.69 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.02 min
Lab File: BF085041.D
Acq: 12 Feb 2016 5:07

Instrument :
BNA_G
ClientSampleId :
TEC-COMP1

Tgt Ion: 99 Resp: 1234785

Ion	Ratio	Lower	Upper
99	100		
42	20.7	12.8	19.2#
71	37.4	30.9	46.3

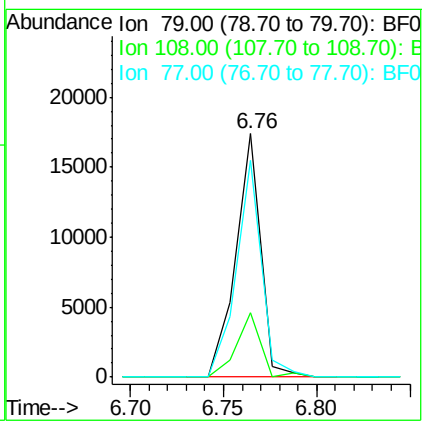


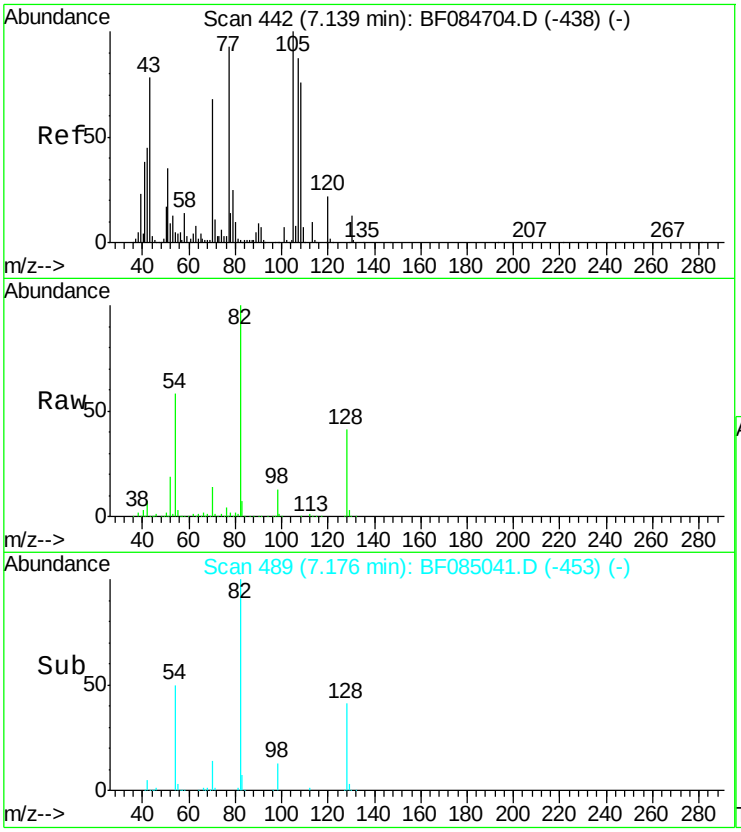


#15
Benzyl Alcohol
Concen: 2.12 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF085041.D
Acq: 12 Feb 2016 5:07

Tgt Ion: 79 Resp: 16359

Ion	Ratio	Lower	Upper
79	100		
108	26.5	69.0	103.4#
77	88.8	50.0	75.0#



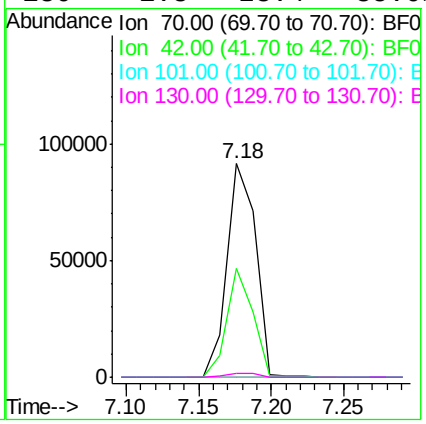


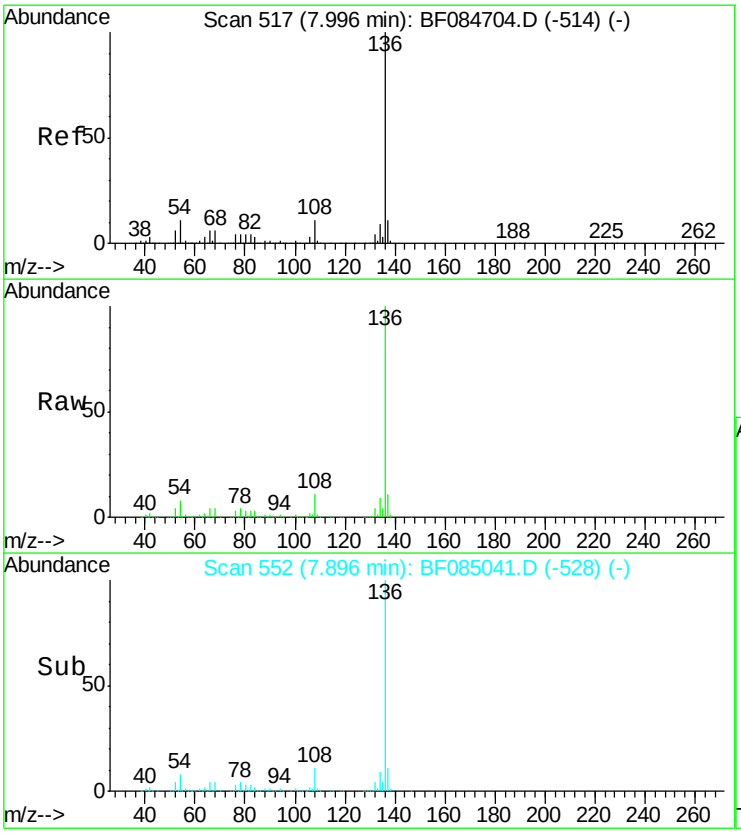
#19
n-Nitroso-di-n-propylamine
Concen: 17.92 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.11 min
Lab File: BF085041.D
Acq: 12 Feb 2016 5:07

Instrument :
BNA_G
ClientSampleId :
TEC-COMP1

Tgt Ion: 70 Resp: 125340

Ion	Ratio	Lower	Upper
70	100		
42	50.8	33.3	49.9#
101	0.0	9.3	13.9#
130	1.8	23.4	35.0#

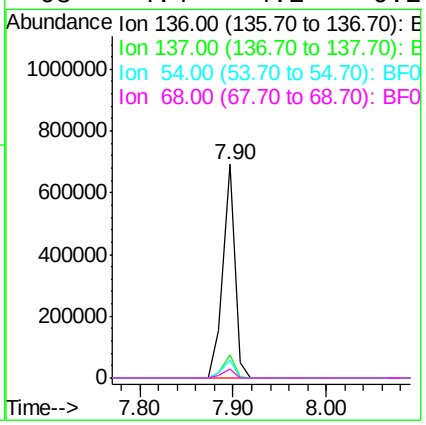


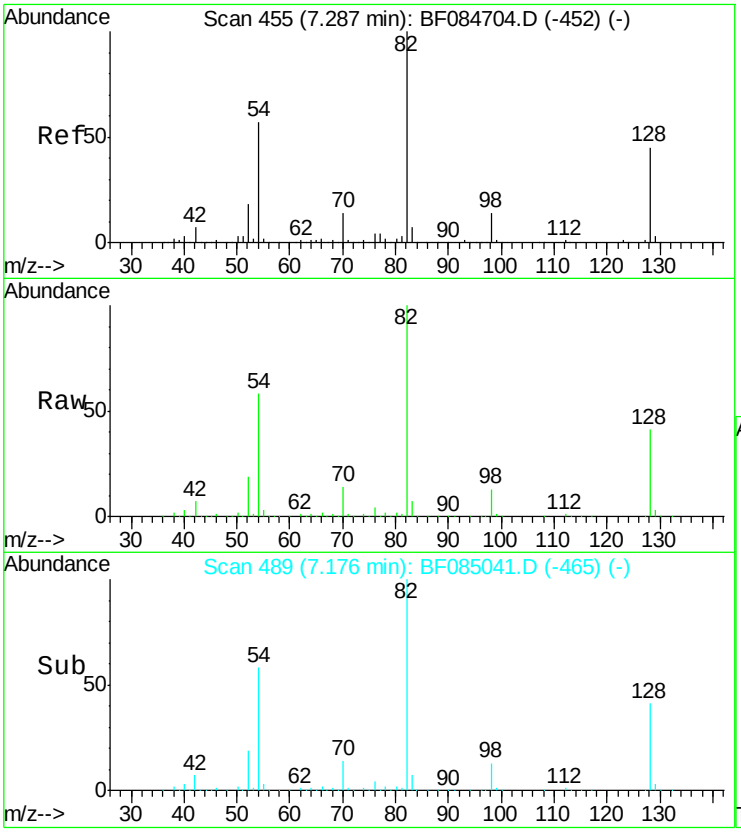


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF085041.D
Acq: 12 Feb 2016 5:07

Tgt Ion:136 Resp: 616318

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	8.2	5.8	8.8
68	4.4	4.2	6.2



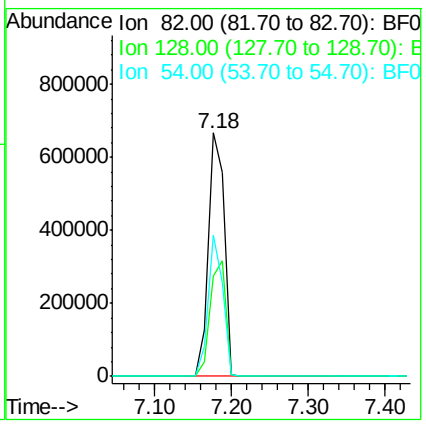


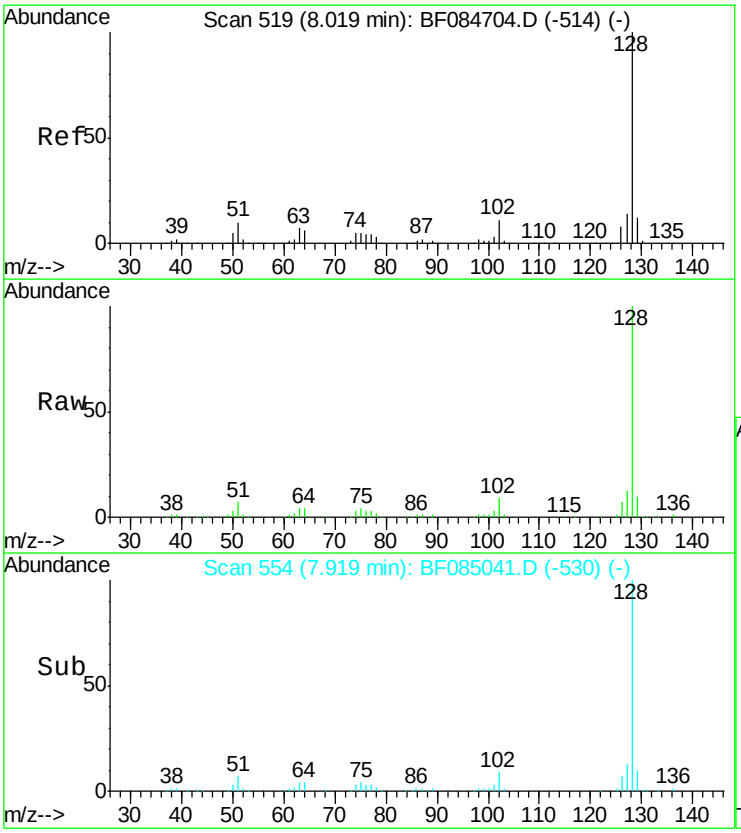
#23
Nitrobenzene-d5
Concen: 85.67 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF085041.D
Acq: 12 Feb 2016 5:07

Instrument :
BNA_G
ClientSampleId :
TEC-COMP1

Tgt Ion: 82 Resp: 937240

Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.6	51.8
54	58.2	38.4	57.6#

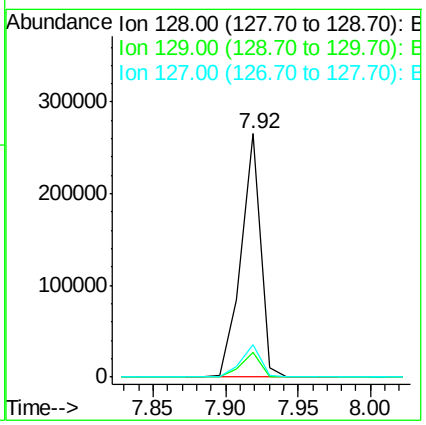


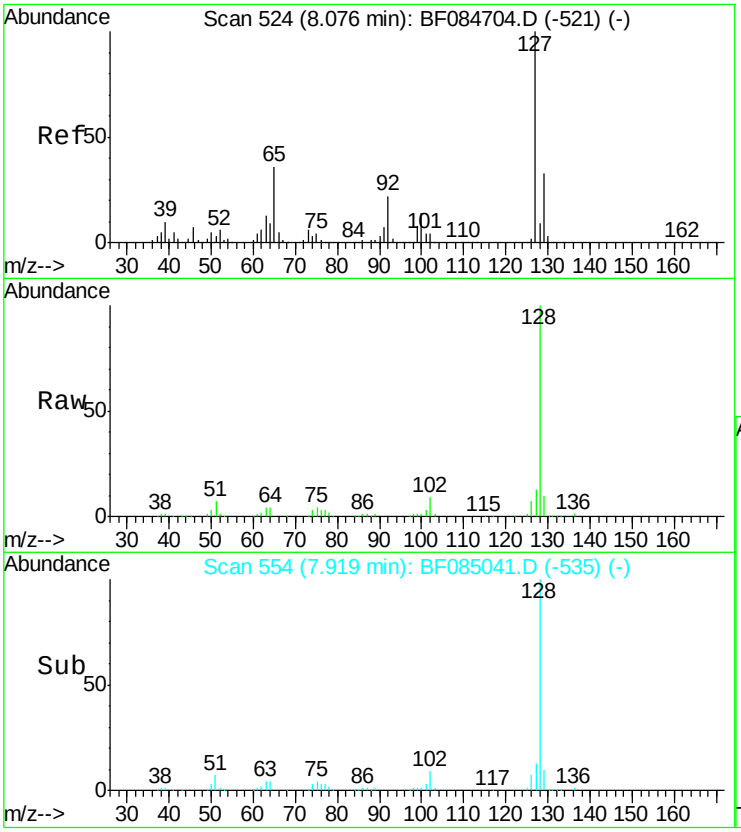


#31
Naphthalene
Concen: 8.05 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.02 min
Lab File: BF085041.D
Acq: 12 Feb 2016 5:07

Tgt Ion:128 Resp: 248716

Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.1	13.7
127	13.1	11.1	16.7



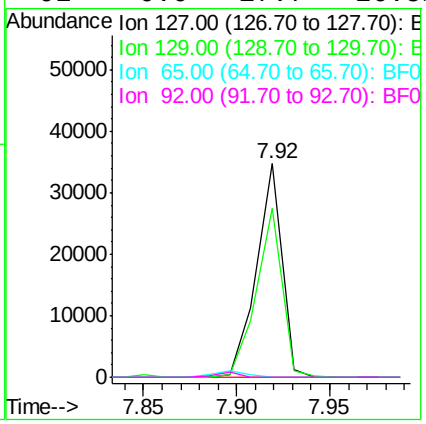


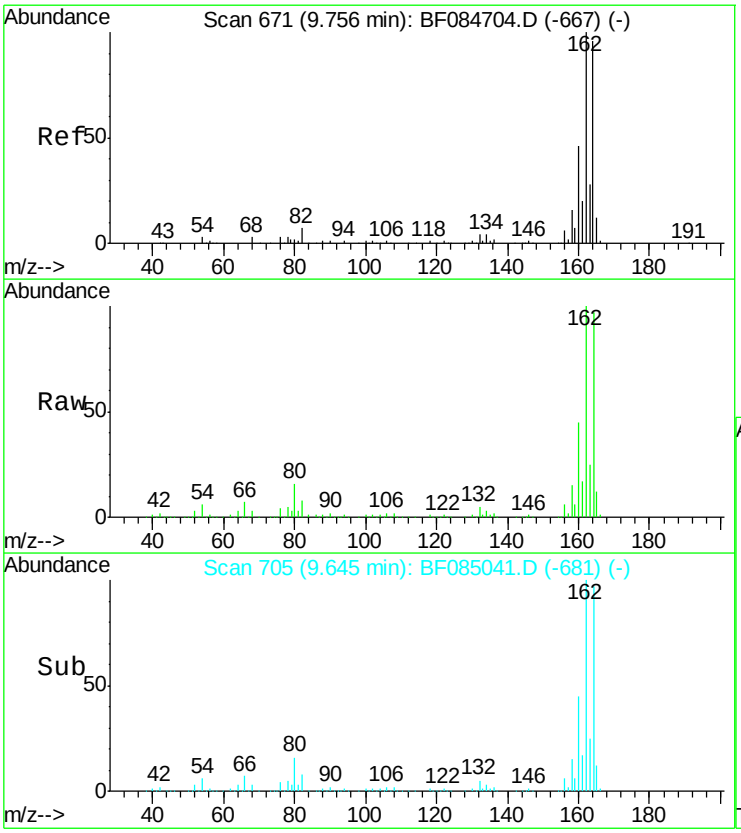
#33
4-Chloroaniline
Concen: 2.55 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.08 min
Lab File: BF085041.D
Acq: 12 Feb 2016 5:07

Instrument :
BNA_G
ClientSampleId :
TEC-COMP1

Tgt Ion:127 Resp: 32628

Ion	Ratio	Lower	Upper
127	100		
129	79.4	26.5	39.7#
65	0.0	27.2	40.8#
92	0.0	17.7	26.5#

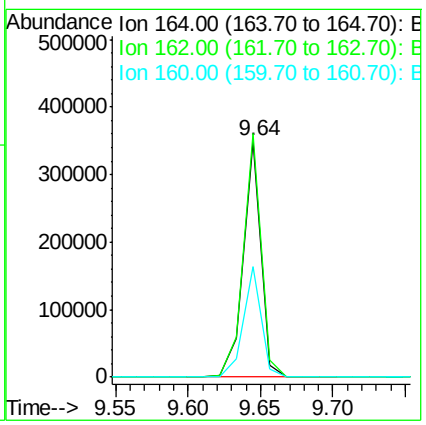


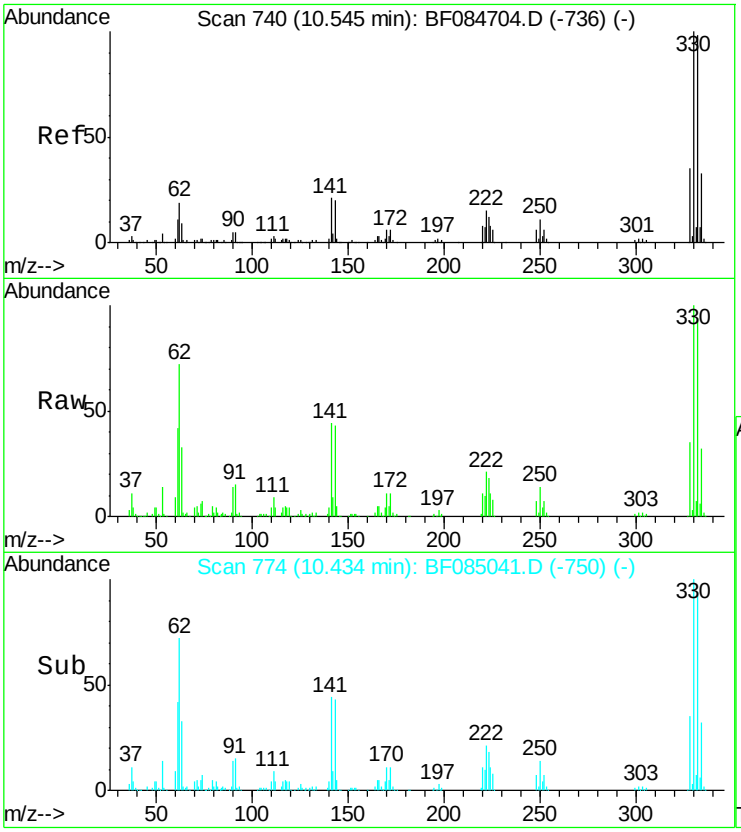


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF085041.D
Acq: 12 Feb 2016 5:07

Tgt Ion:164 Resp: 293720

Ion	Ratio	Lower	Upper
164	100		
162	103.2	85.1	127.7
160	46.9	37.5	56.3



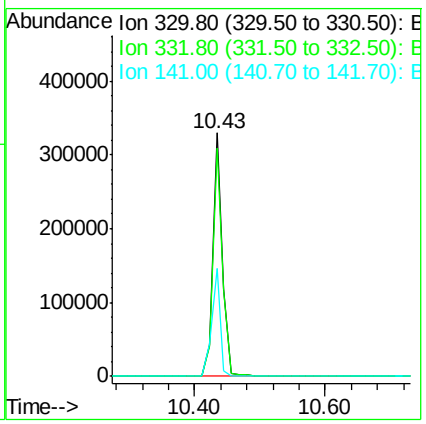


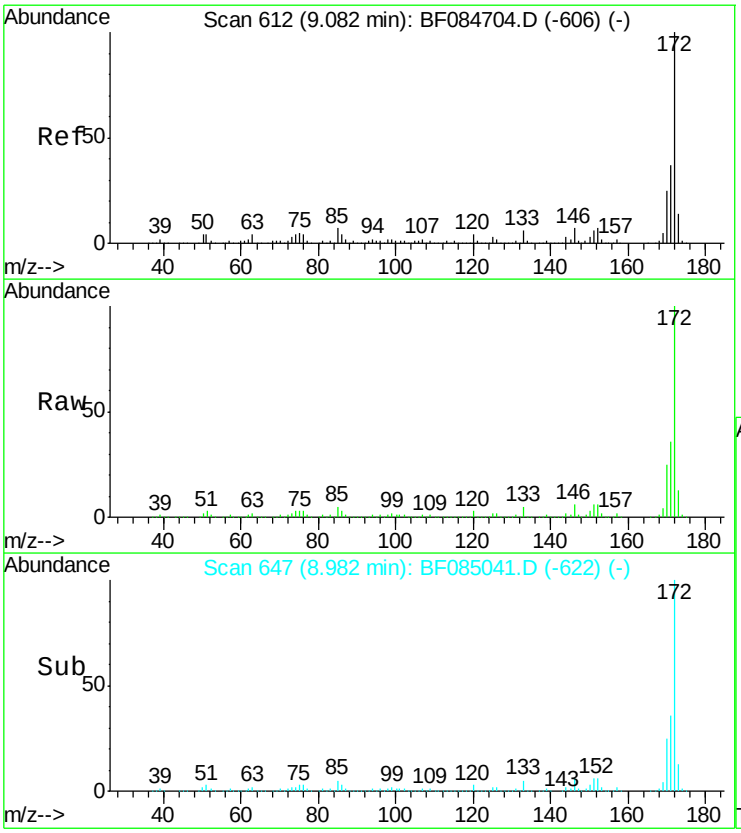
#41
2,4,6-Tribromophenol
Concen: 113.04 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF085041.D
Acq: 12 Feb 2016 5:07

Instrument :
BNA_G
ClientSampleId :
TEC-COMP1

Tgt Ion:330 Resp: 346324

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	114.8
141	39.9	27.8	41.6

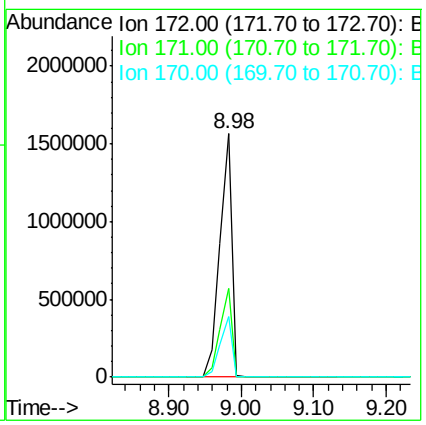


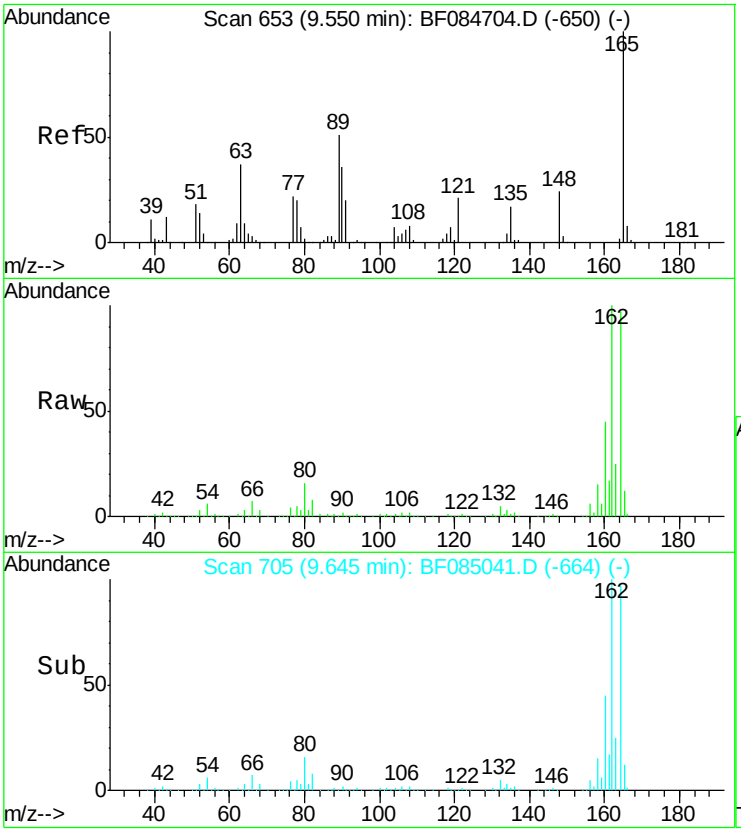


#44
2-Fluorobiphenyl
Concen: 119.36 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF085041.D
Acq: 12 Feb 2016 5:07

Tgt Ion:172 Resp: 1801316

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	24.8	18.6	27.8



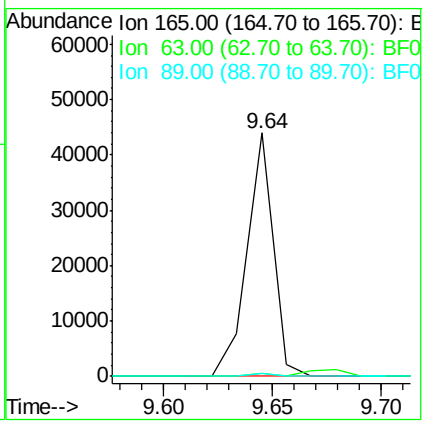


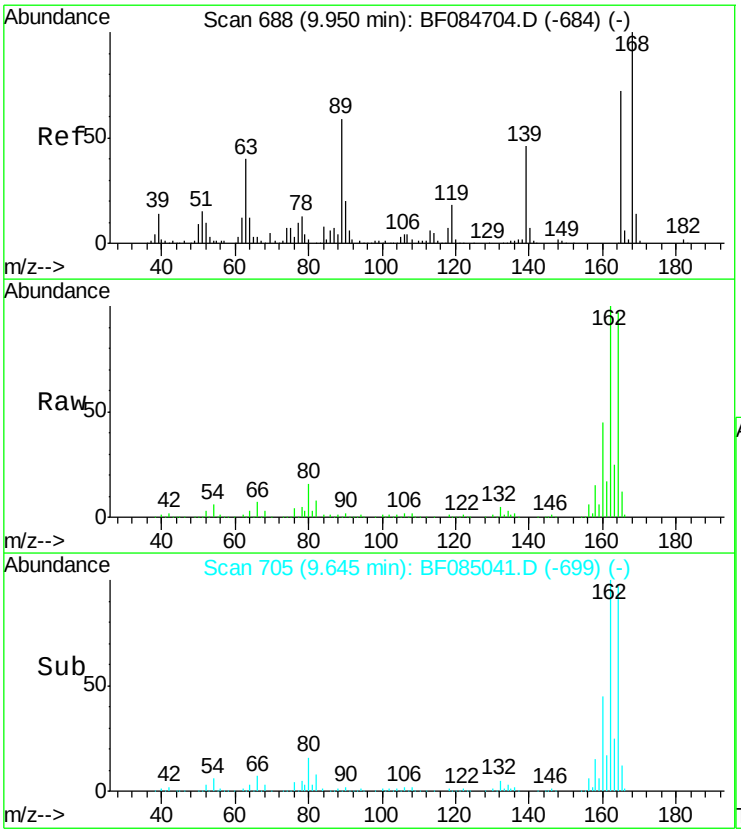
#50
2,6-Dinitrotoluene
Concen: 7.54 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.17 min
Lab File: BF085041.D
Acq: 12 Feb 2016 5:07

Instrument :
BNA_G
ClientSampleId :
TEC-COMP1

Tgt Ion:165 Resp: 36840

Ion	Ratio	Lower	Upper
165	100		
63	1.0	28.8	43.2#
89	1.4	35.1	52.7#

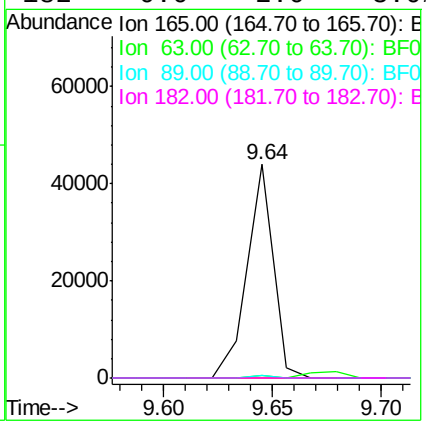


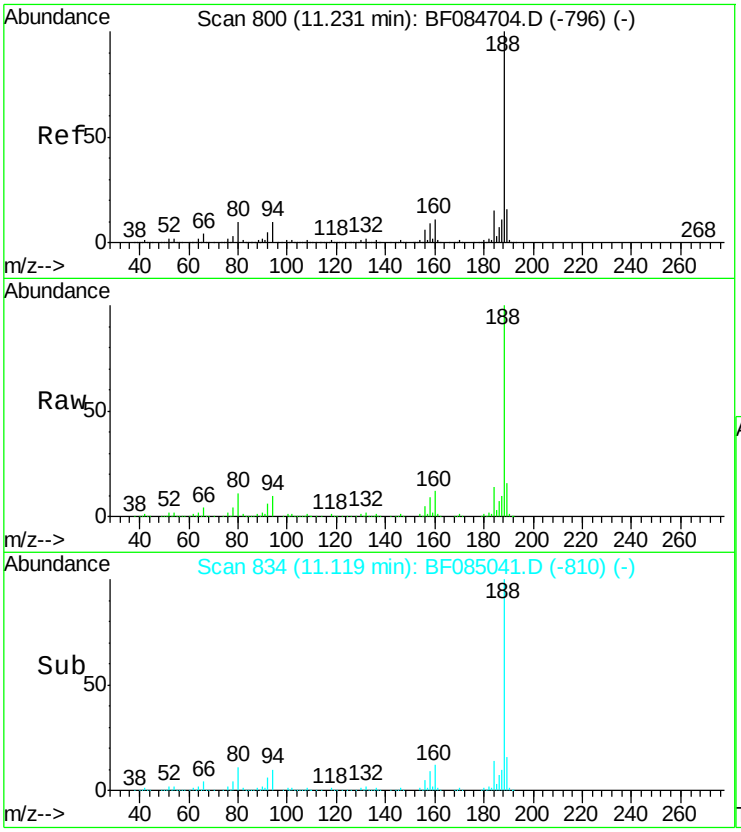


#56
2,4-Dinitrotoluene
Concen: 5.91 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.23 min
Lab File: BF085041.D
Acq: 12 Feb 2016 5:07

Tgt Ion:165 Resp: 36840

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.7	55.1#
89	1.4	61.9	92.9#
182	0.0	2.0	3.0#



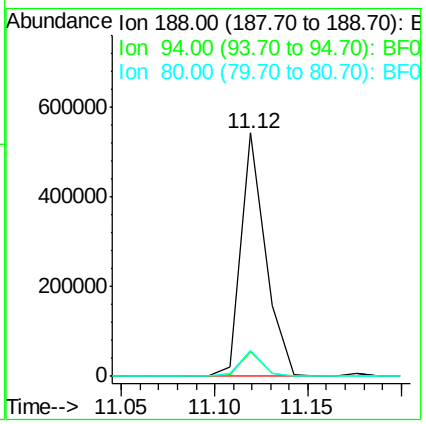


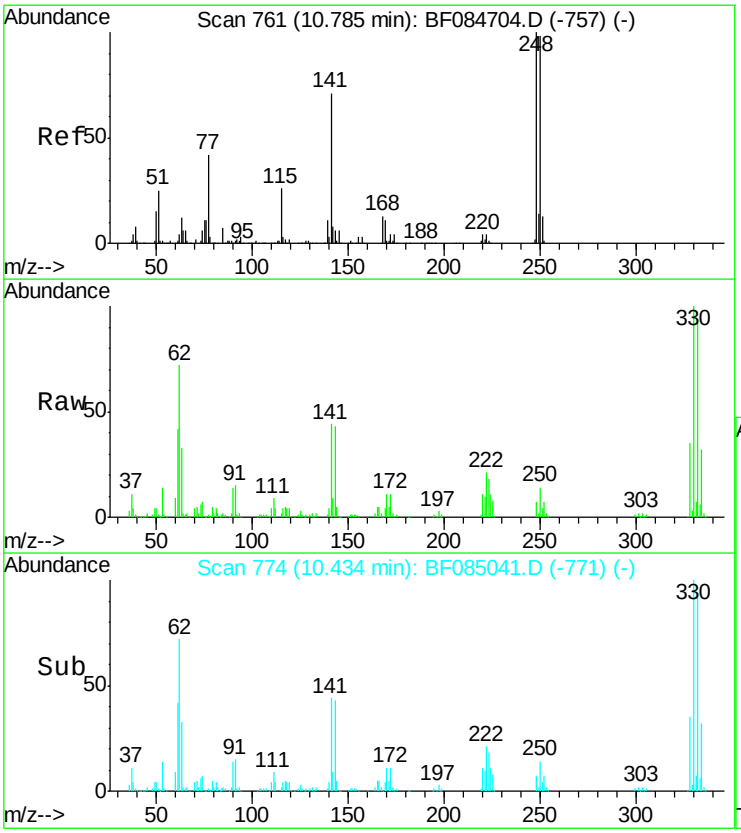
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF085041.D
Acq: 12 Feb 2016 5:07

Instrument :
BNA_G
ClientSampleId :
TEC-COMP1

Tgt Ion:188 Resp: 498920

Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.0	13.4
80	10.6	9.6	14.4

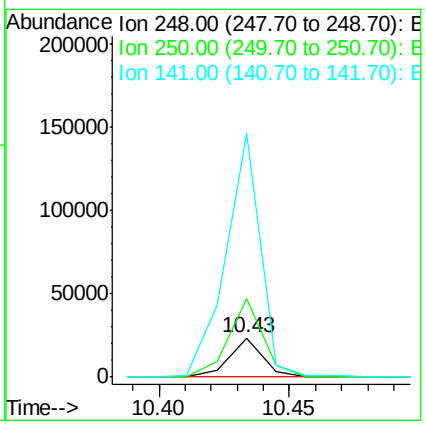


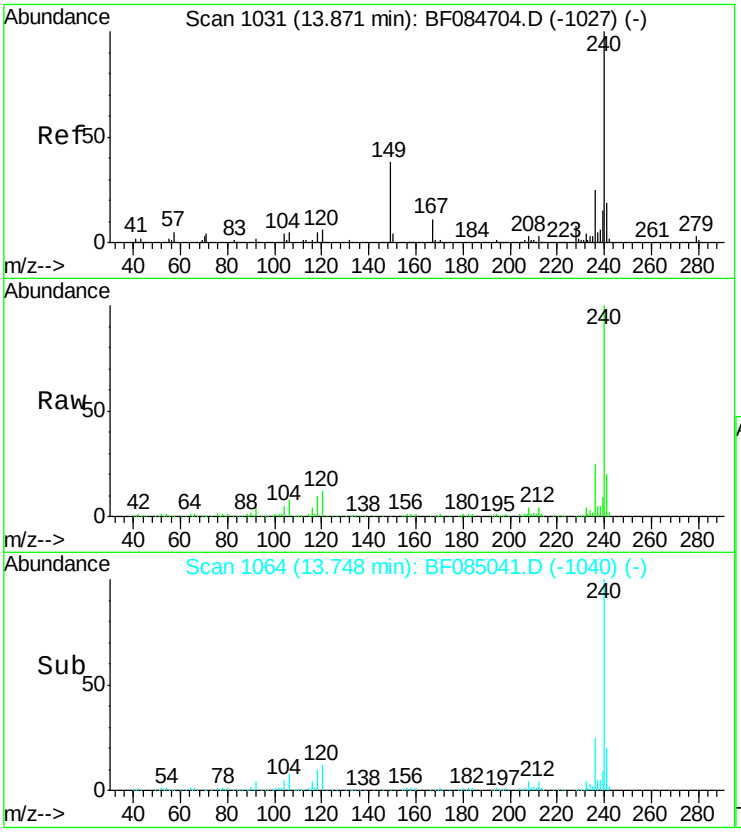


#66
4-Bromophenyl-phenylether
Concen: 3.88 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.26 min
Lab File: BF085041.D
Acq: 12 Feb 2016 5:07

Tgt Ion:248 Resp: 21361

Ion	Ratio	Lower	Upper
248	100		
250	201.3	78.4	117.6#
141	624.0	44.0	66.0#



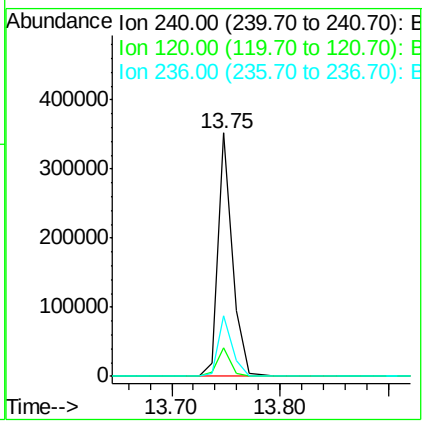


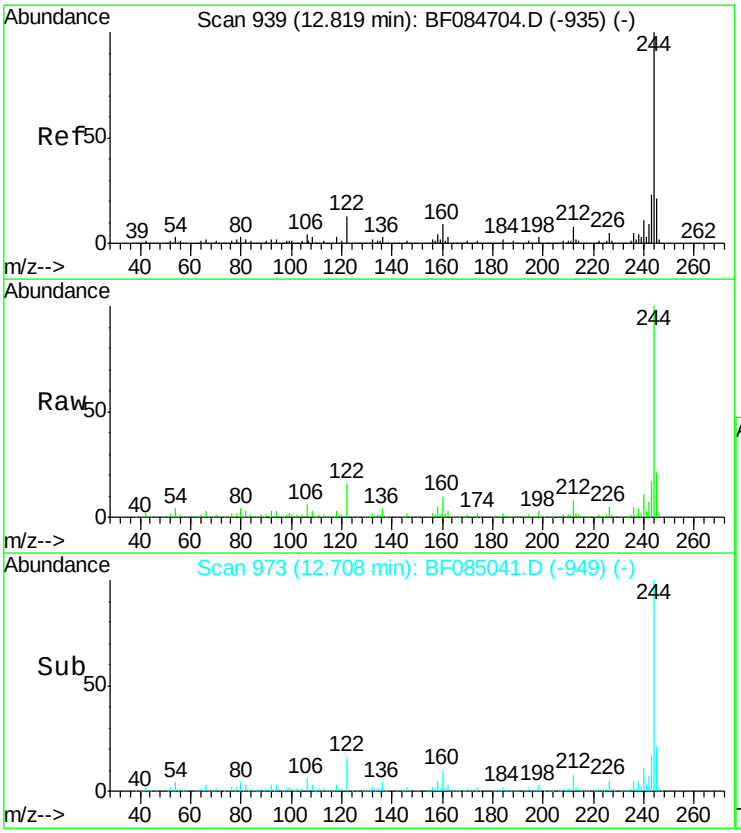
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.02 min
Lab File: BF085041.D
Acq: 12 Feb 2016 5:07

Instrument :
BNA_G
ClientSampleId :
TEC-COMP1

Tgt Ion:240 Resp: 325563

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	25.0	20.6	31.0

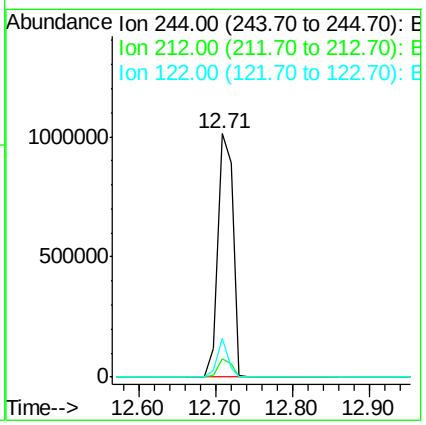


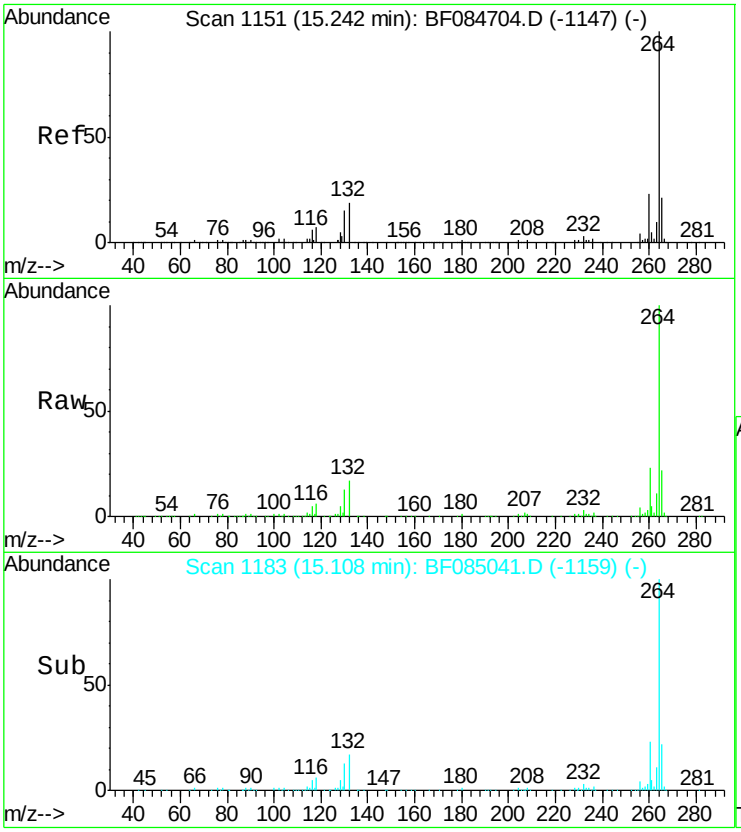


#78
Terphenyl-d14
Concen: 97.19 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.02 min
Lab File: BF085041.D
Acq: 12 Feb 2016 5:07

Tgt Ion:244 Resp: 1396338

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.7	8.5
122	15.8	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF085041.D
Acq: 12 Feb 2016 5:07

Instrument :
BNA_G
ClientSampleId :
TEC-COMP1

Tgt Ion:264 Resp: 289537

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.2
265	21.9	17.8	26.6