Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085651.D
Acq On : 22 Mar 2016 7:07
Operator : UM/SJ
Sample : H1838-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1

Quant Time: Mar 22 06:53:36 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	125882	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	515295	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	207607	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	327351	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	235449	20.00	ng	-0.02
86) Perylene-d12	15.42	264	241992	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	808579	107.89	ng	0.00
7) Phenol-d6	6.48	99	1087623	113.15	ng	-0.01
23) Nitrobenzene-d5	7.41	82	683074	76.95	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	211093	103.80	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1074313	89.45	ng	-0.02
78) Terphenyl-d14	12.95	244	858489	87.74	ng	-0.01
Target Compounds						Qvalue
18) Hexachloroethane	7.41	117	14030	4.03	ng	# 1
19) n-Nitroso-di-n-propylamine	7.41	70	92312	16.08	ng	# 77
25) Isophorone	7.41	82	508615	28.62	ng	# 68
31) Naphthalene	8.15	128	161775	6.22	ng	97
37) 2-Methylnaphthalene	8.84	142	47428	2.99	ng	97
50) 2,6-Dinitrotoluene	9.88	165	27649	8.36	ng	# 20
56) 2,4-Dinitrotoluene	9.88	165	27869	6.44	ng	# 38
66) 4-Bromophenyl-phenylether	10.66	248	13849	4.23	ng	# 1

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

Quantitation Report (Not Reviewed)

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Acq On : 22 Mar 2016 7:07
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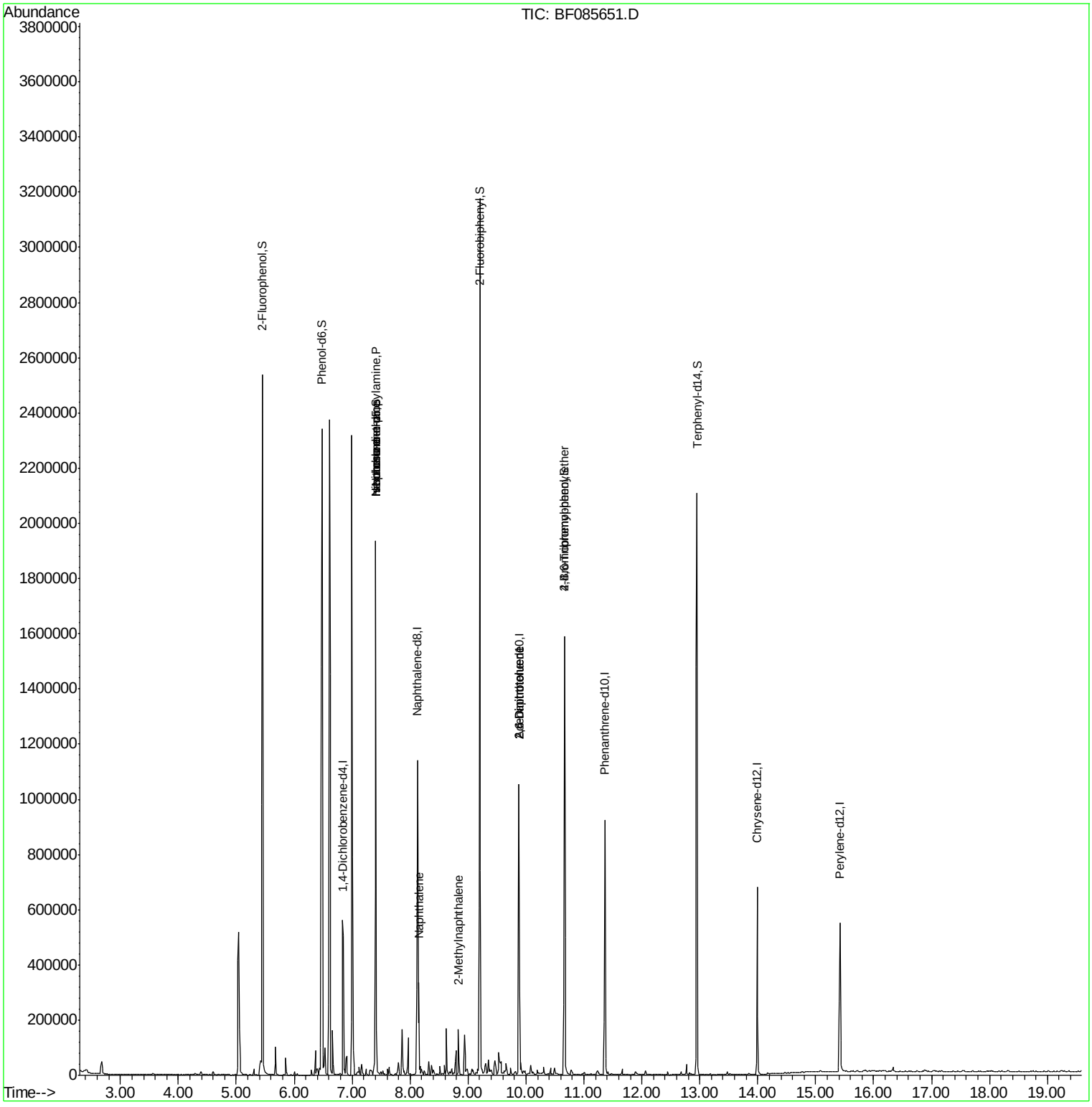
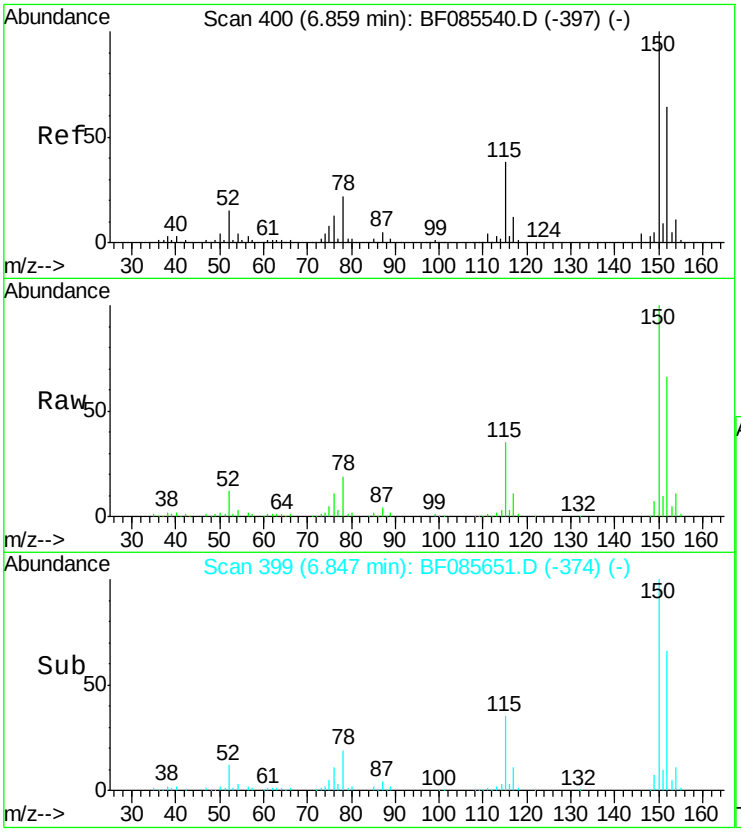


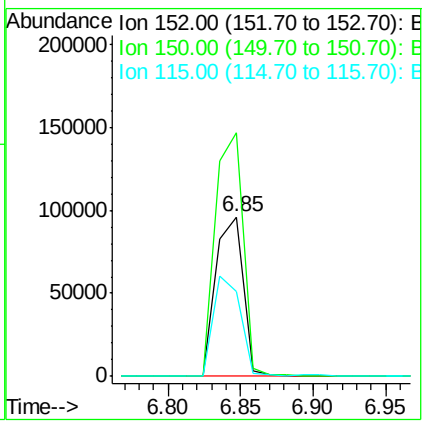


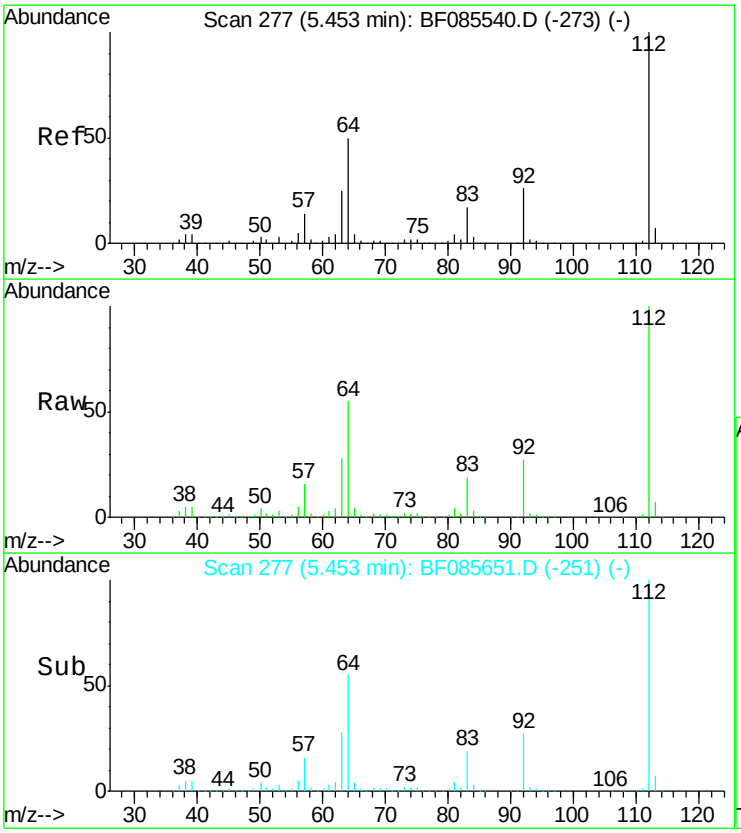
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF085651.D
Acq: 22 Mar 2016 7:07

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:152 Resp: 125882

Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.2	186.2
115	53.0	47.0	70.6

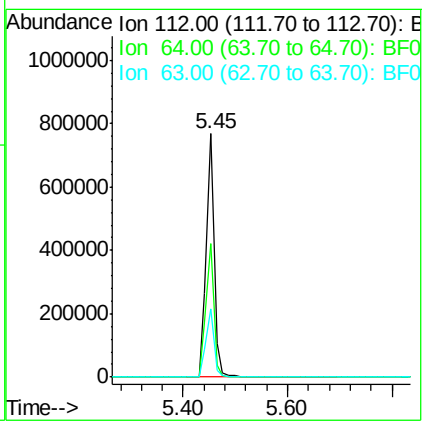


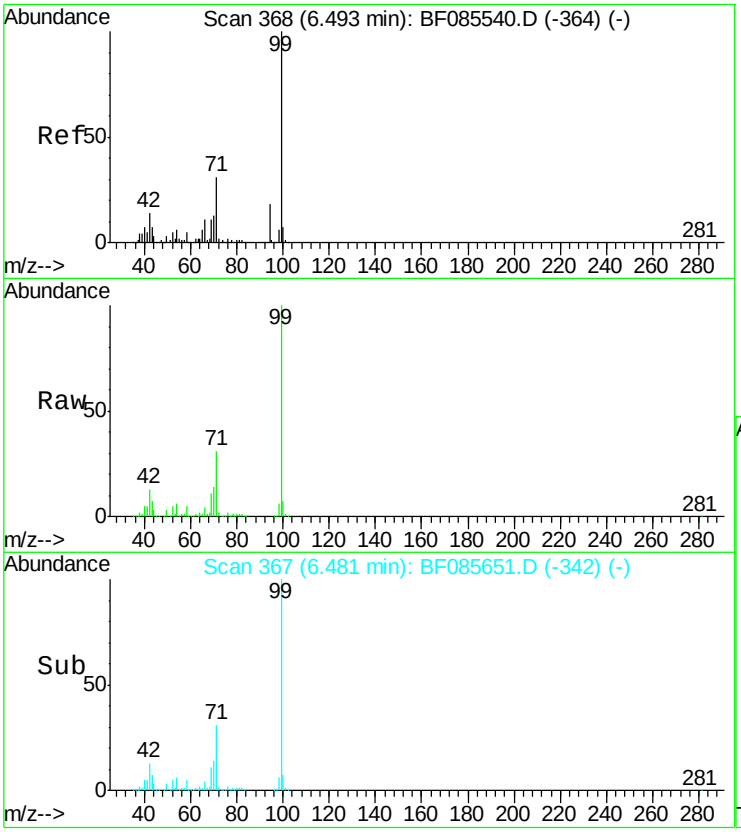


#5
2-Fluorophenol
Concen: 107.89 ng
RT: 5.45 min Scan# 277
Delta R.T. -0.00 min
Lab File: BF085651.D
Acq: 22 Mar 2016 7:07

Tgt Ion:112 Resp: 808579

Ion	Ratio	Lower	Upper
112	100		
64	54.7	39.9	59.9
63	27.8	20.2	30.2



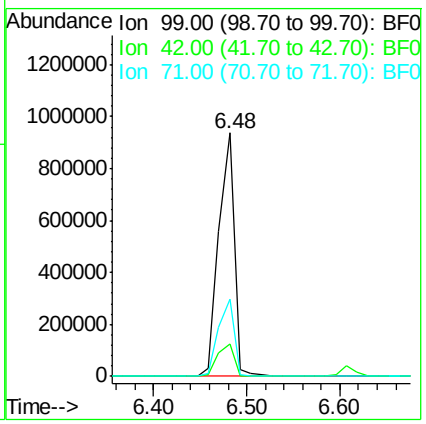


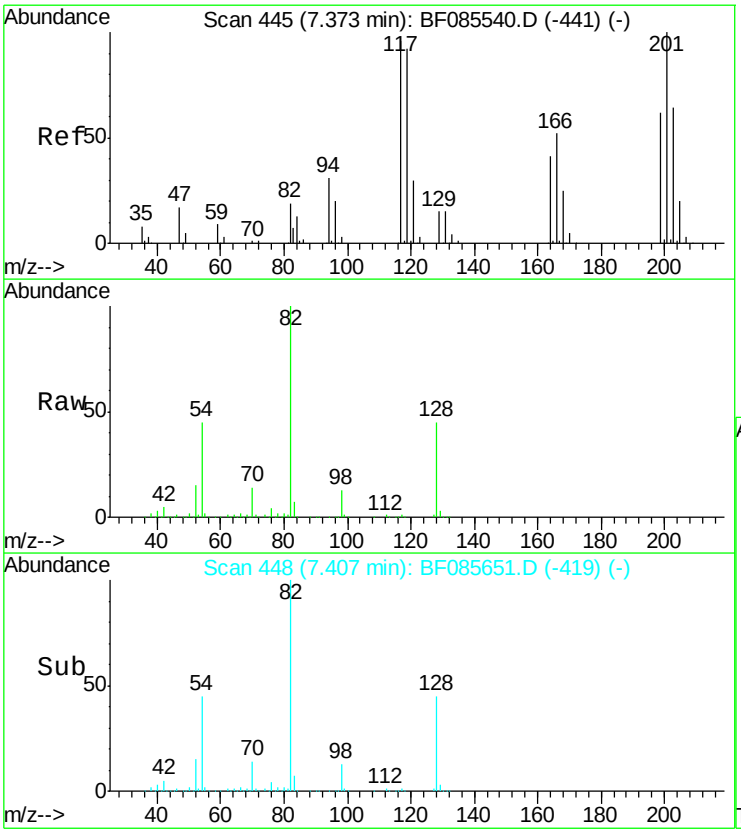
#7
Phenol-d6
Concen: 113.15 ng
RT: 6.48 min Scan# 367
Delta R.T. -0.01 min
Lab File: BF085651.D
Acq: 22 Mar 2016 7:07

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 99 Resp: 1087623

Ion	Ratio	Lower	Upper
99	100		
42	13.5	11.1	16.7
71	31.5	24.9	37.3

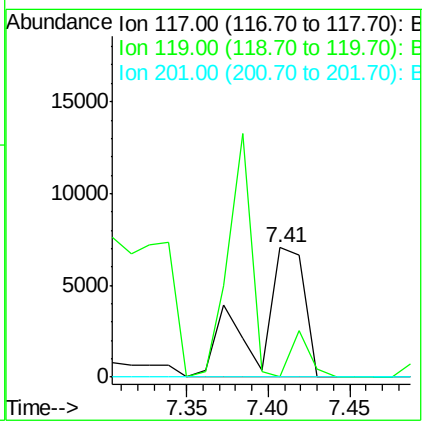


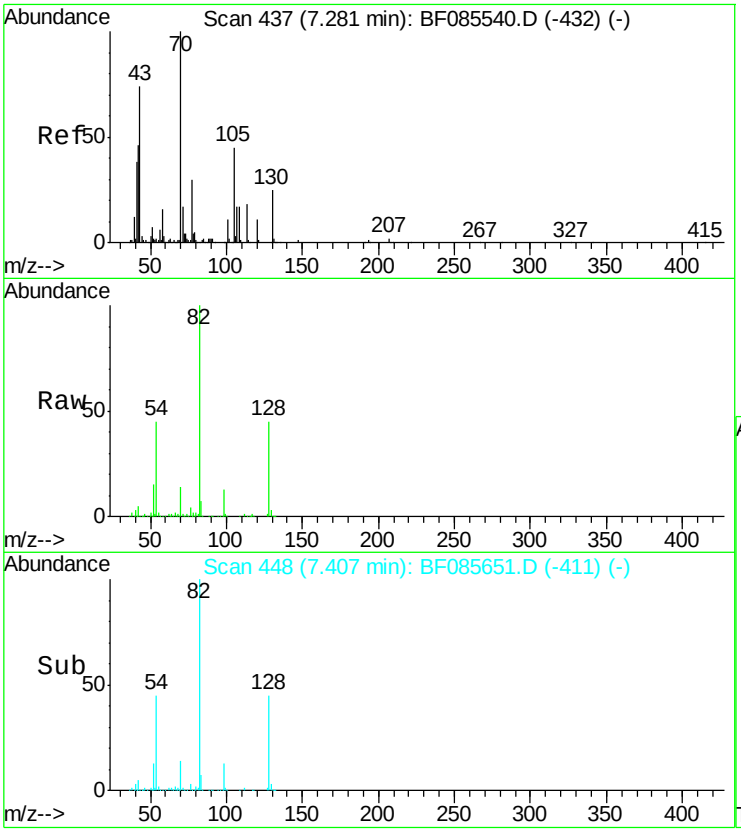


#18
Hexachloroethane
Concen: 4.03 ng
RT: 7.41 min Scan# 448
Delta R.T. 0.03 min
Lab File: BF085651.D
Acq: 22 Mar 2016 7:07

Tgt Ion:117 Resp: 14030

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.7	115.1#
201	0.0	83.3	124.9#



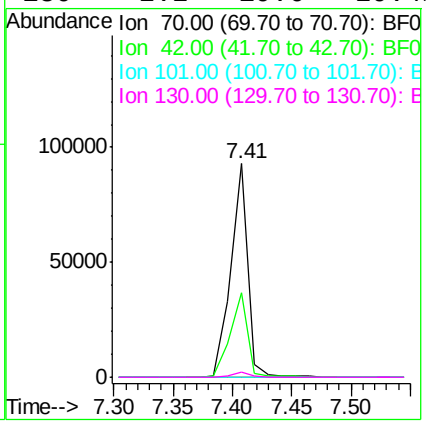


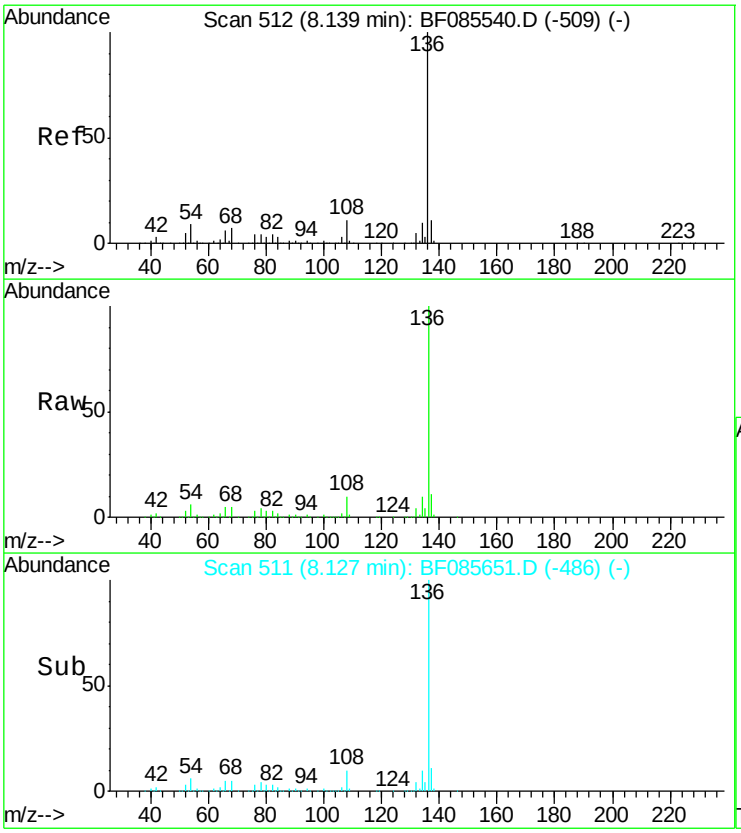
#19
n-Nitroso-di-n-propylamine
Concen: 16.08 ng
RT: 7.41 min Scan# 448
Delta R.T. 0.13 min
Lab File: BF085651.D
Acq: 22 Mar 2016 7:07

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 70 Resp: 92312

Ion	Ratio	Lower	Upper
70	100		
42	39.7	37.1	55.7
101	0.0	8.6	12.8#
130	2.2	19.6	29.4#

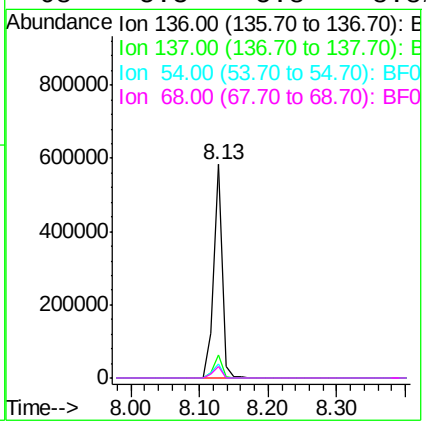


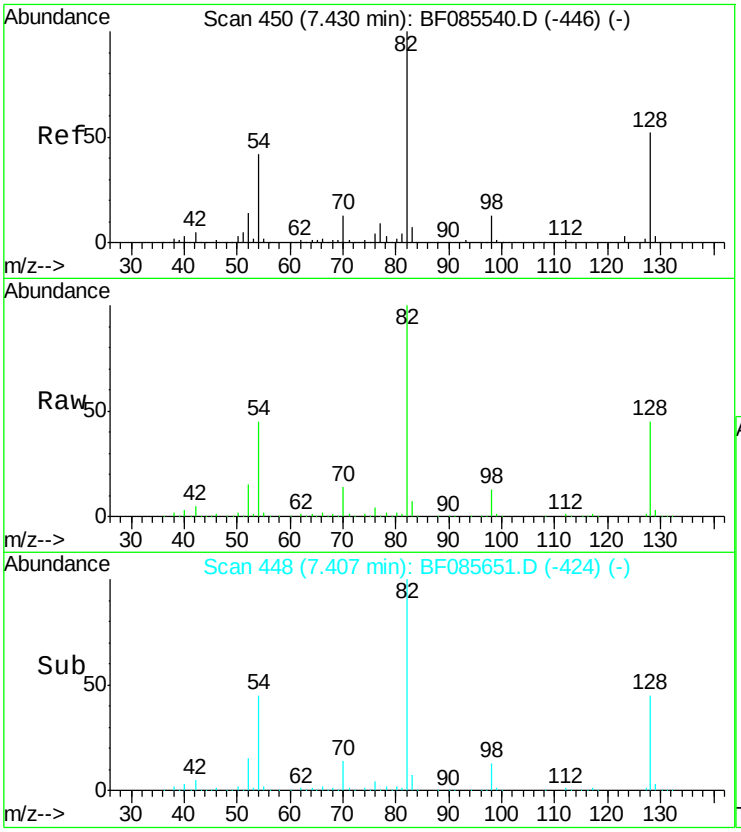


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085651.D
Acq: 22 Mar 2016 7:07

Tgt Ion:136 Resp: 515295

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.4	7.4	11.0#
68	5.3	5.8	8.8#



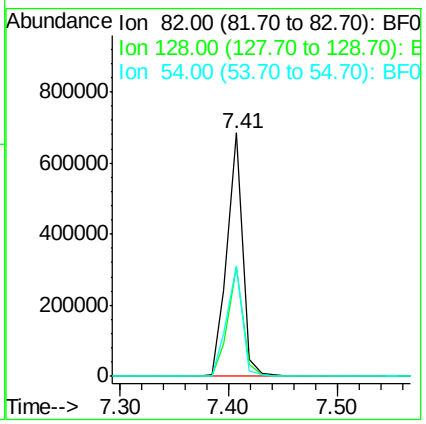


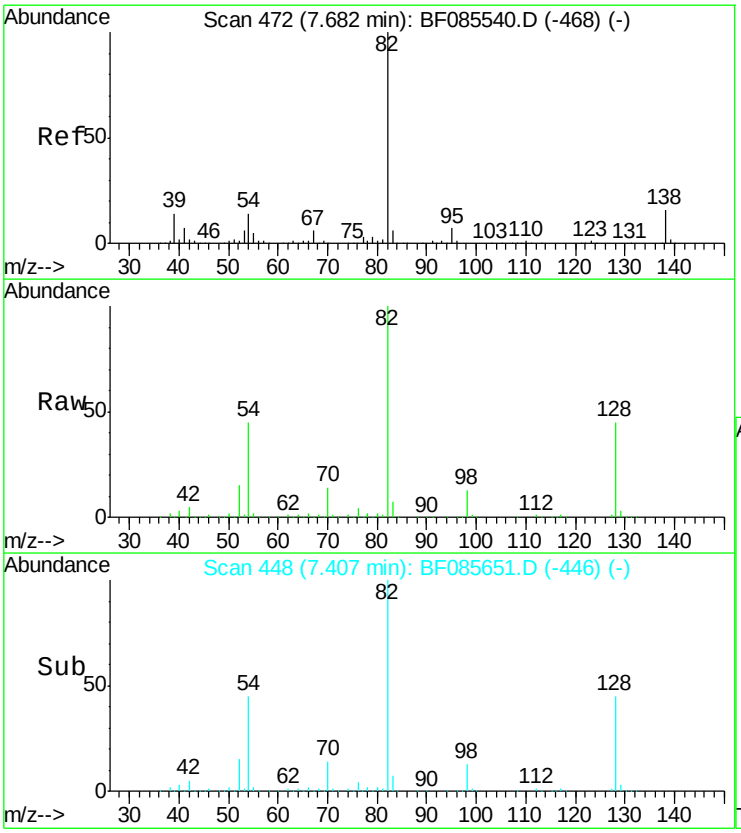
#23
Nitrobenzene-d5
Concen: 76.95 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF085651.D
Acq: 22 Mar 2016 7:07

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 82 Resp: 683074

Ion	Ratio	Lower	Upper
82	100		
128	45.0	41.8	62.8
54	45.4	33.4	50.0

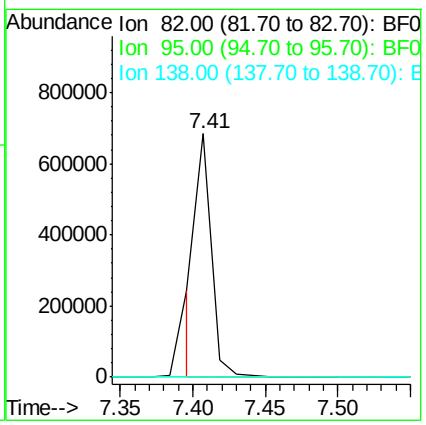


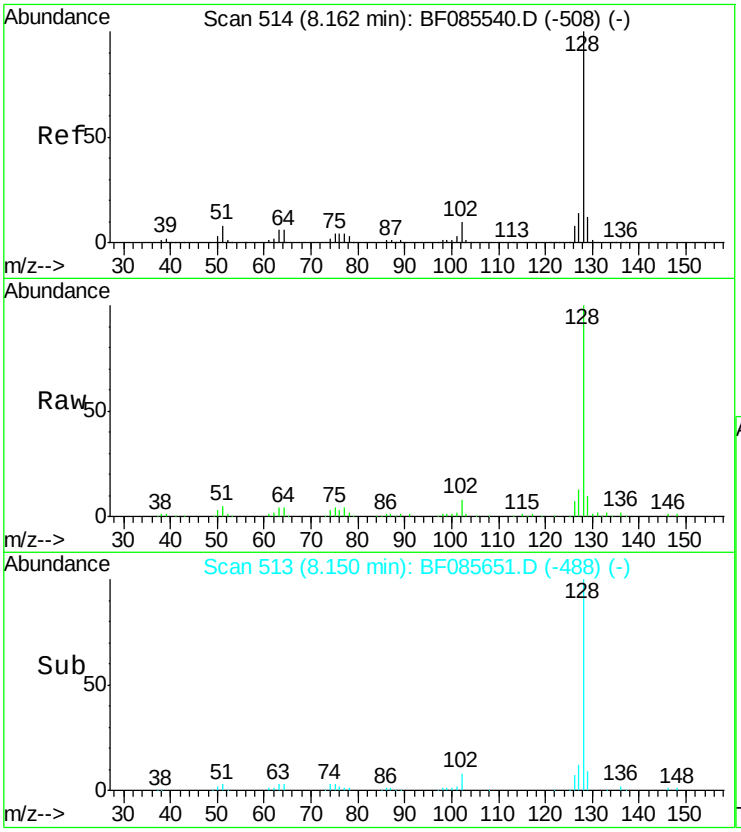


#25
Isophorone
Concen: 28.62 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.27 min
Lab File: BF085651.D
Acq: 22 Mar 2016 7:07

Tgt Ion: 82 Resp: 508615

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



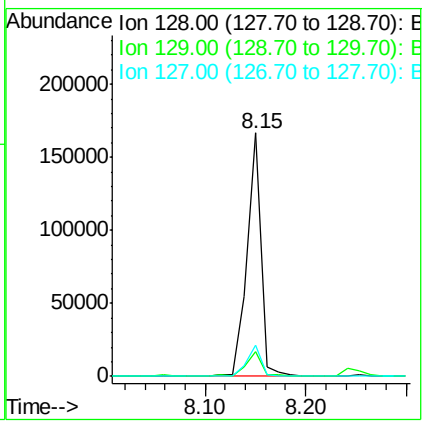


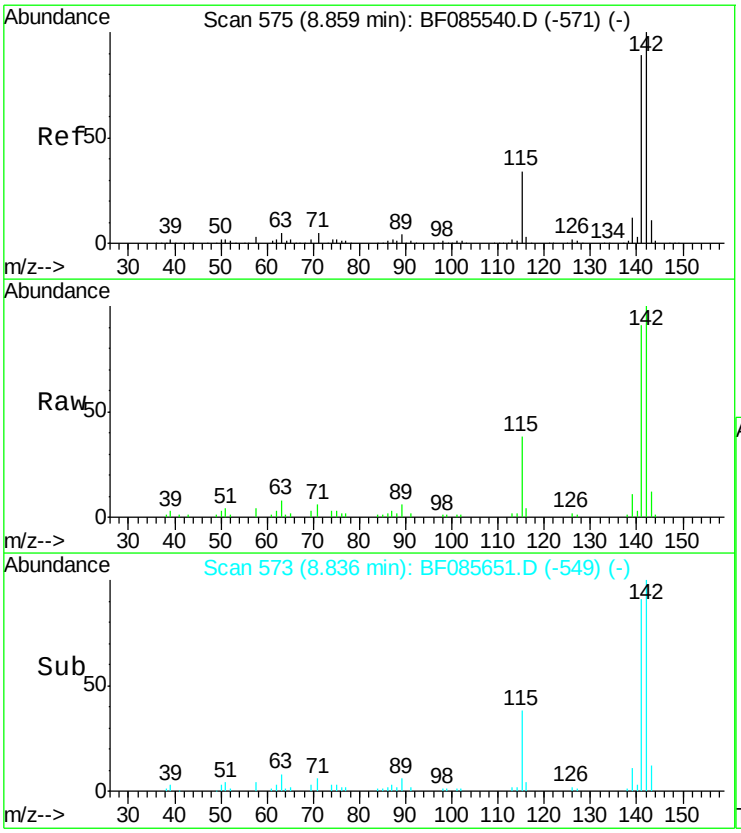
#31
Naphthalene
Concen: 6.22 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF085651.D
Acq: 22 Mar 2016 7:07

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:128 Resp: 161775

Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.4	14.0
127	12.6	11.0	16.6

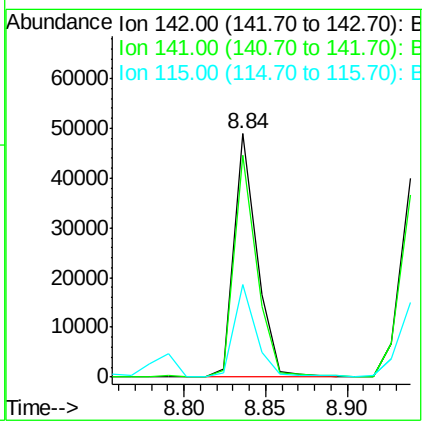


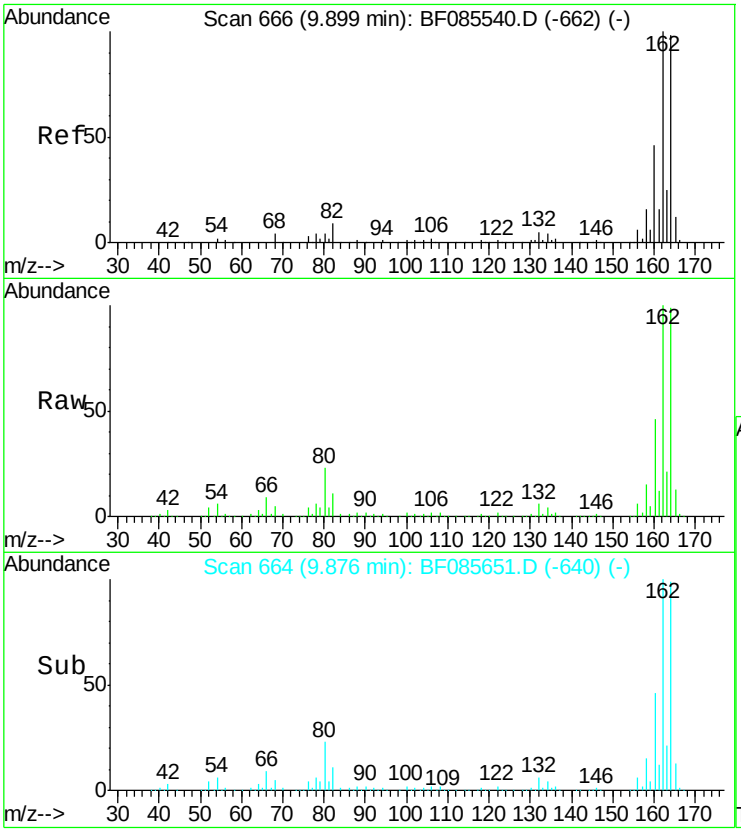


#37
2-Methylnaphthalene
Concen: 2.99 ng
RT: 8.84 min Scan# 573
Delta R.T. -0.02 min
Lab File: BF085651.D
Acq: 22 Mar 2016 7:07

Tgt Ion:142 Resp: 47428

Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.6	107.4
115	37.9	26.8	40.2



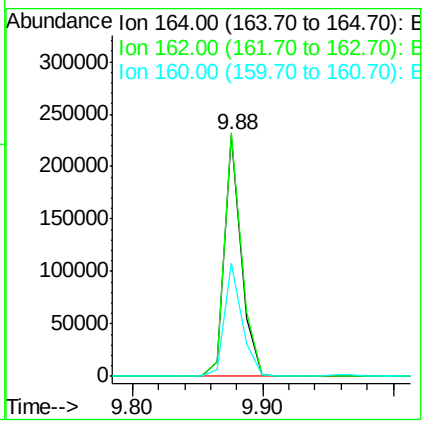


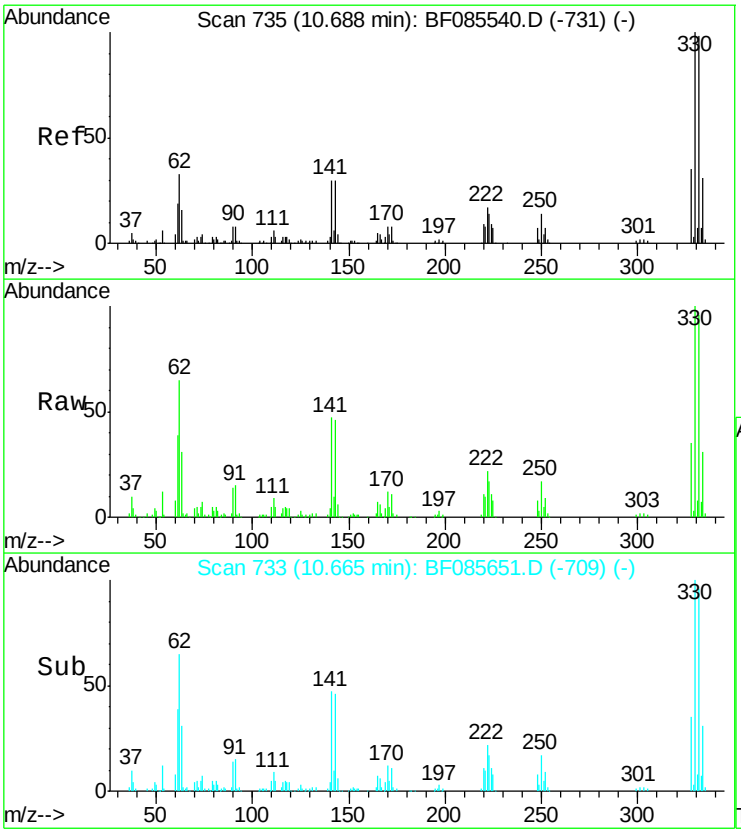
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF085651.D
Acq: 22 Mar 2016 7:07

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:164 Resp: 207607

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.1	123.1
160	46.6	37.4	56.2

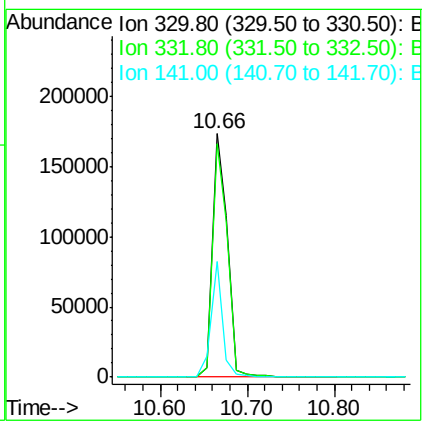


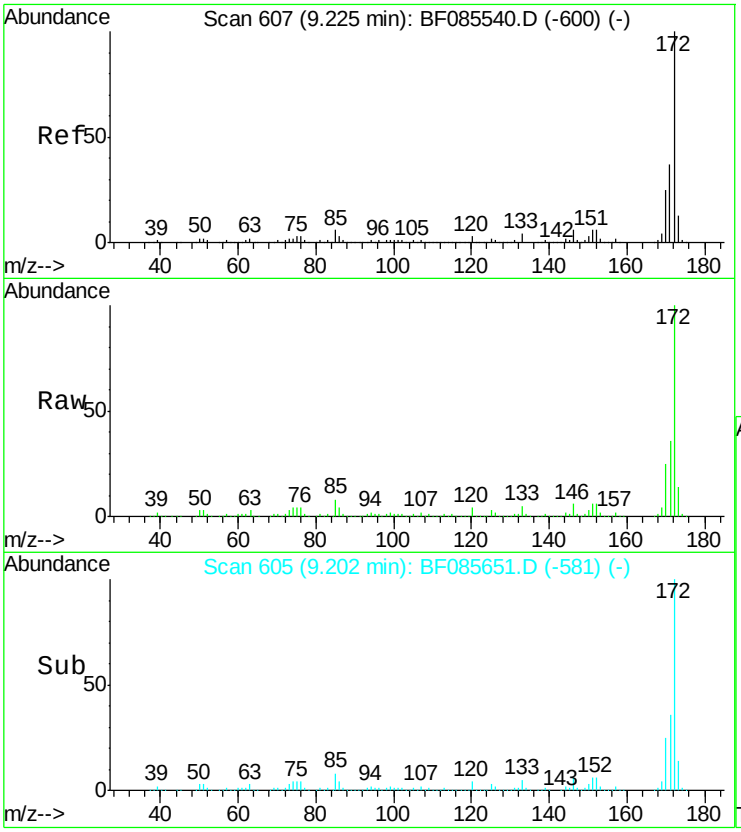


#41
2,4,6-Tribromophenol
Concen: 103.80 ng
RT: 10.66 min Scan# 733
Delta R.T. -0.02 min
Lab File: BF085651.D
Acq: 22 Mar 2016 7:07

Tgt Ion:330 Resp: 211093

Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.2	117.2
141	37.1	31.5	47.3



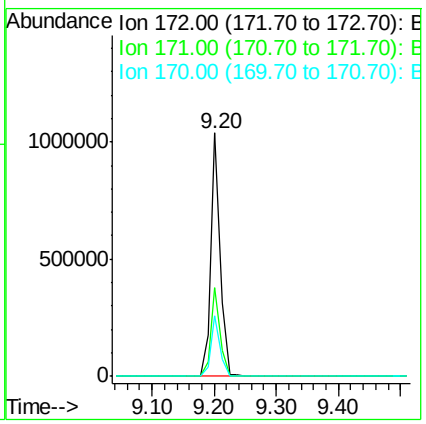


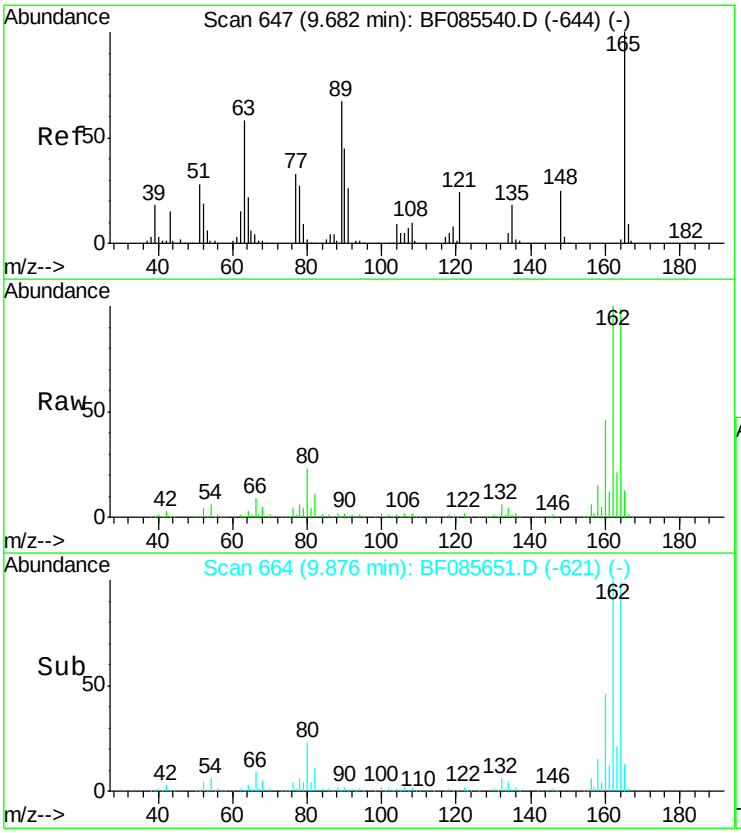
#44
2-Fluorobiphenyl
Concen: 89.45 ng
RT: 9.20 min Scan# 605
Delta R.T. -0.02 min
Lab File: BF085651.D
Acq: 22 Mar 2016 7:07

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:172 Resp: 1074313

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.2
170	24.8	19.8	29.6

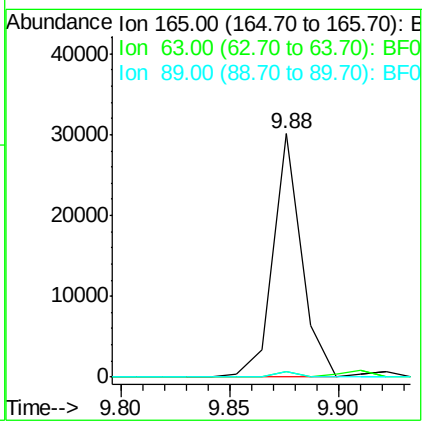


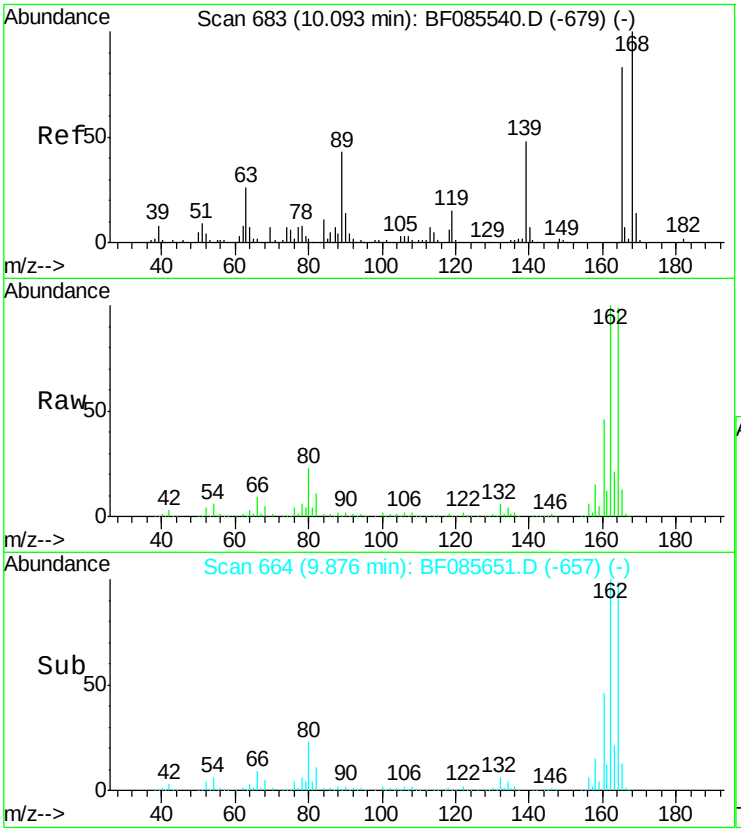


#50
2,6-Dinitrotoluene
Concen: 8.36 ng
RT: 9.88 min Scan# 664
Delta R.T. 0.19 min
Lab File: BF085651.D
Acq: 22 Mar 2016 7:07

Tgt Ion:165 Resp: 27649

Ion	Ratio	Lower	Upper
165	100		
63	2.2	51.8	77.8#
89	2.1	53.7	80.5#



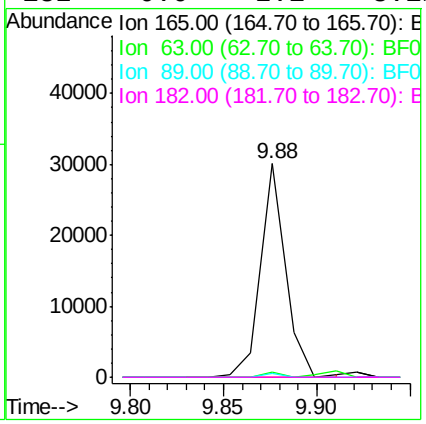


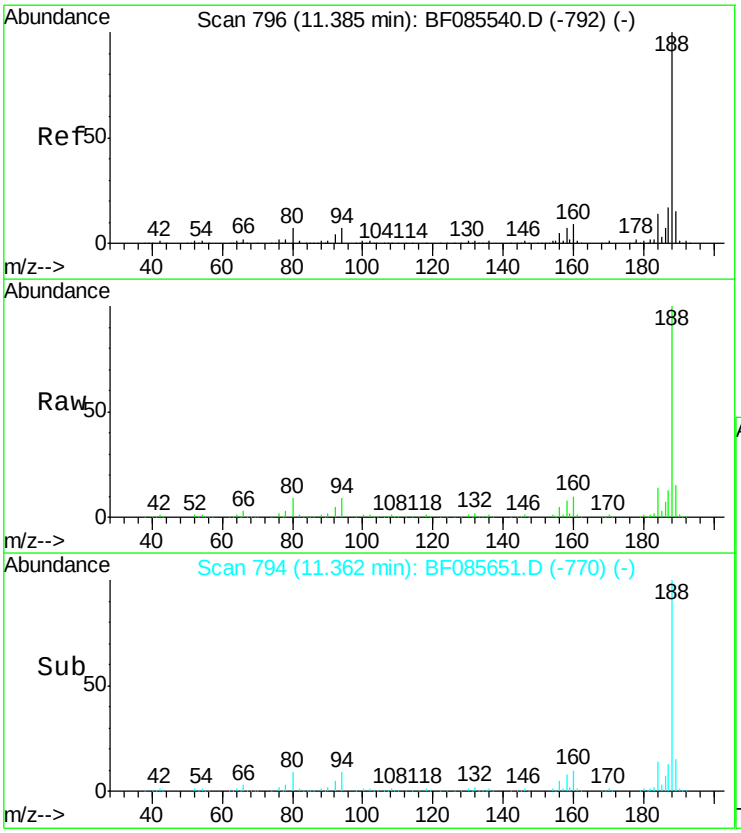
#56
2,4-Dinitrotoluene
Concen: 6.44 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.22 min
Lab File: BF085651.D
Acq: 22 Mar 2016 7:07

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:165 Resp: 27869

Ion	Ratio	Lower	Upper
165	100		
63	2.2	24.9	37.3#
89	2.1	41.0	61.6#
182	0.0	2.1	3.1#

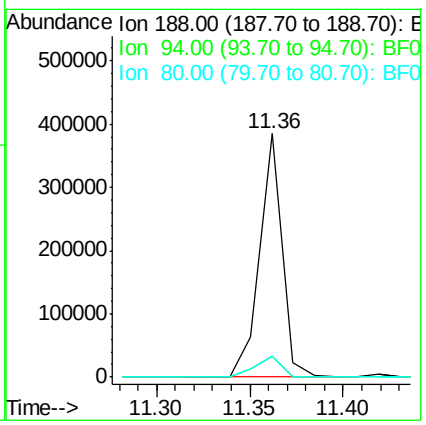


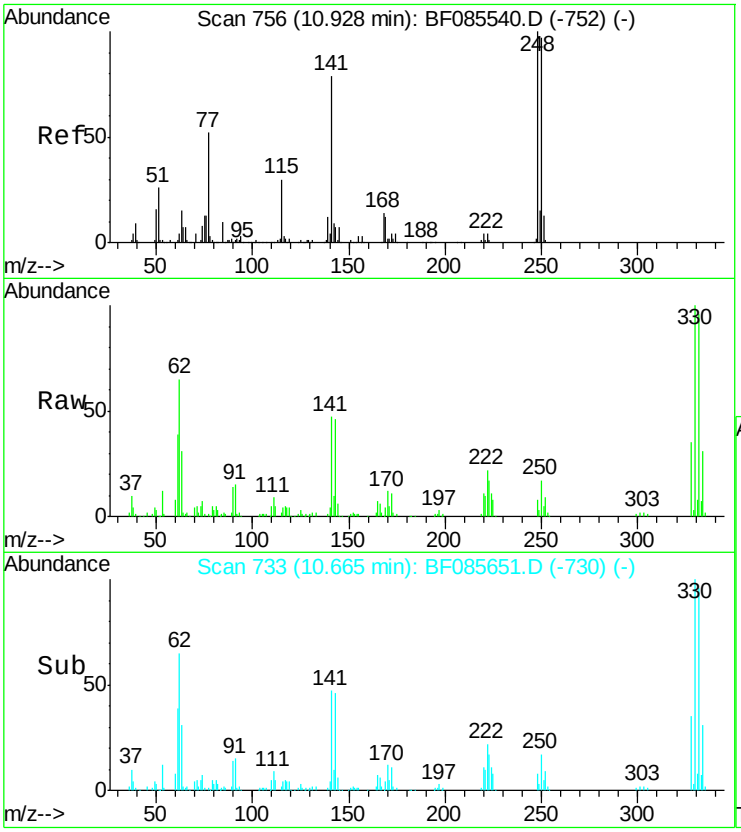


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF085651.D
Acq: 22 Mar 2016 7:07

Tgt Ion:188 Resp: 327351

Ion	Ratio	Lower	Upper
188	100		
94	8.7	5.4	8.0#
80	8.7	5.5	8.3#



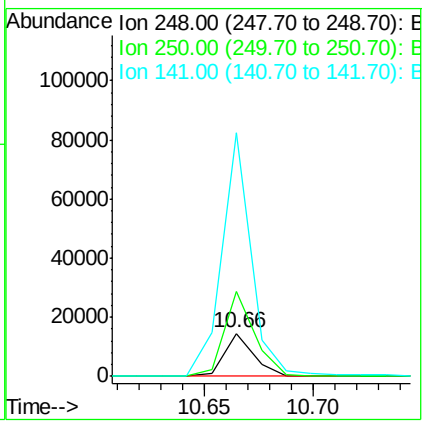


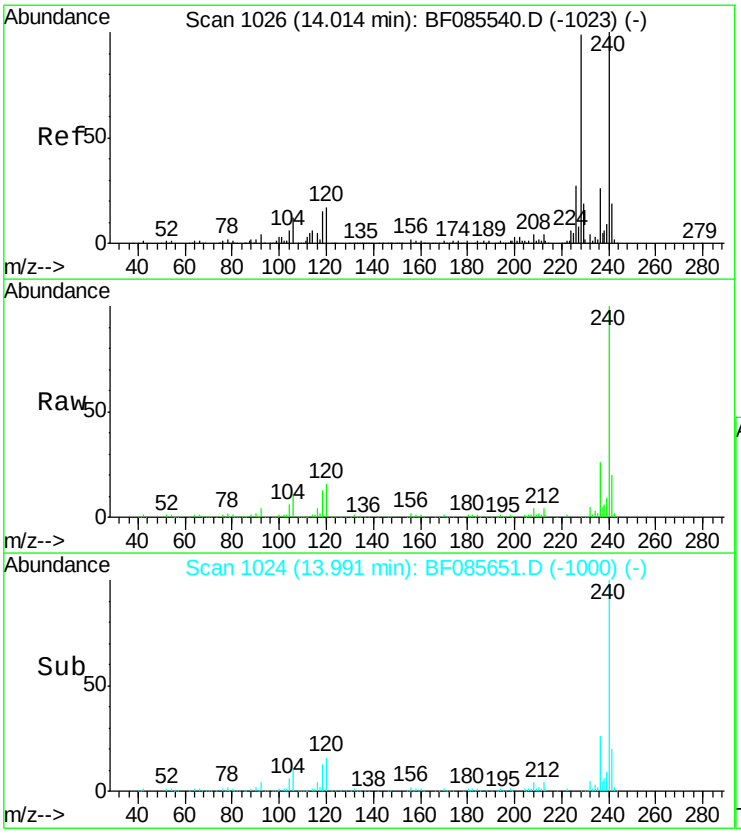
#66
4-Bromophenyl-phenylether
Concen: 4.23 ng
RT: 10.66 min Scan# 733
Delta R.T. -0.26 min
Lab File: BF085651.D
Acq: 22 Mar 2016 7:07

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:248 Resp: 13849

Ion	Ratio	Lower	Upper
248	100		
250	199.4	77.4	116.0#
141	568.1	63.6	95.4#

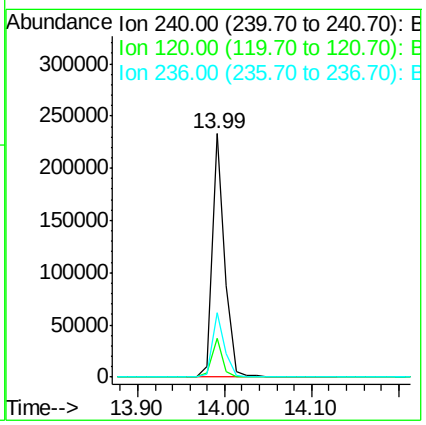


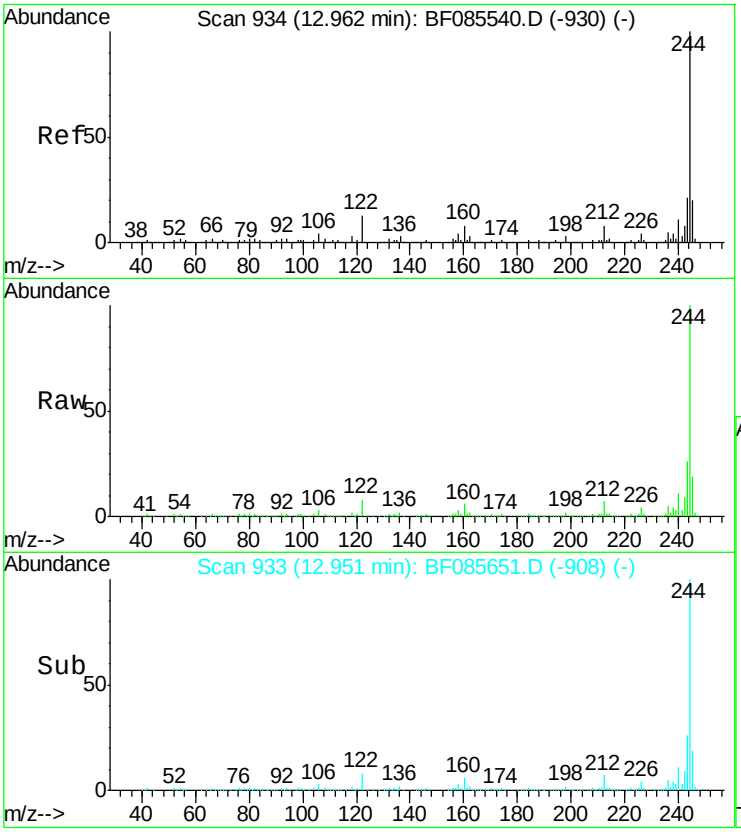


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF085651.D
Acq: 22 Mar 2016 7:07

Tgt Ion:240 Resp: 235449

Ion	Ratio	Lower	Upper
240	100		
120	15.9	13.8	20.8
236	26.4	20.6	30.8



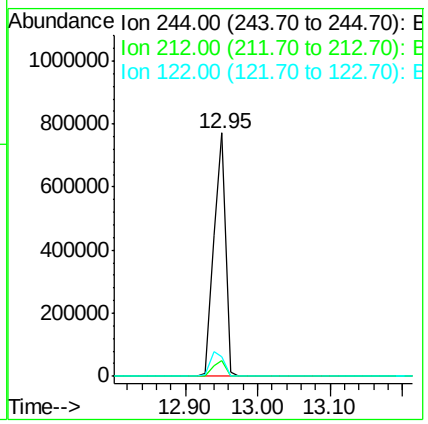


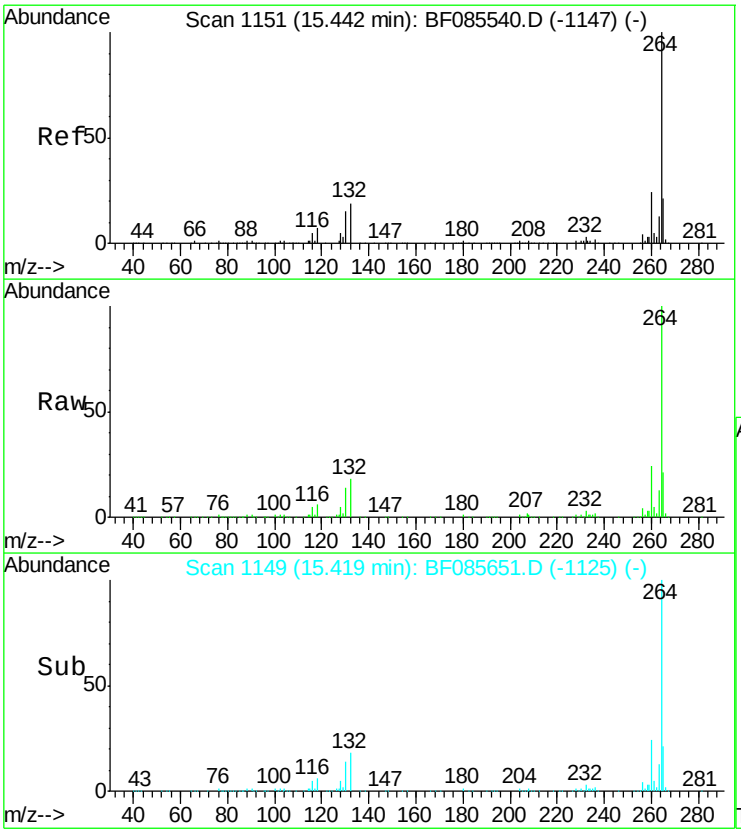
#78
Terphenyl-d14
Concen: 87.74 ng
RT: 12.95 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF085651.D
Acq: 22 Mar 2016 7:07

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:244 Resp: 858489

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.1	9.1
122	8.2	10.2	15.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF085651.D
Acq: 22 Mar 2016 7:07

Tgt Ion:264 Resp: 241992

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.2	17.2	25.8