Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF032116\
Data File : BF085653.D
Acq On : 22 Mar 2016 8:02
Operator : UM/SJ
Sample : H1834-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 22 10:55:32 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	6.84	152	135427	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	557774	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	220630	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	359571	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	257986	20.00	ng	-0.02
86) Perylene-d12	15.42	264	260135	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	578731	71.78	ng	-0.01
7) Phenol-d6	6.47	99	459550	44.44	ng	-0.02
23) Nitrobenzene-d5	7.41	82	755726	78.65	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	268480	124.23	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1264356	103.28	ng	-0.02
78) Terphenyl-d14	12.95	244	958652	89.42	ng	-0.01
Target Compounds						Qvalue
18) Hexachloroethane	7.30	117	10161	2.71	ng	# 1
19) n-Nitroso-di-n-propylamine	7.41	70	101469	16.43	ng	# 78
22) Acetophenone	7.24	105	56215	4.25	ng	# 54
25) Isophorone	7.41	82	576124	29.95	ng	# 68
31) Naphthalene	8.15	128	205685	7.31	ng	98
33) 4-Chloroaniline	8.15	127	34395	2.98	ng	# 36
37) 2-Methylnaphthalene	8.84	142	153311	8.93	ng	97
50) 2,6-Dinitrotoluene	9.88	165	30527	8.69	ng	# 21
66) 4-Bromophenyl-phenylether	10.66	248	16050	4.47	ng	# 1

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

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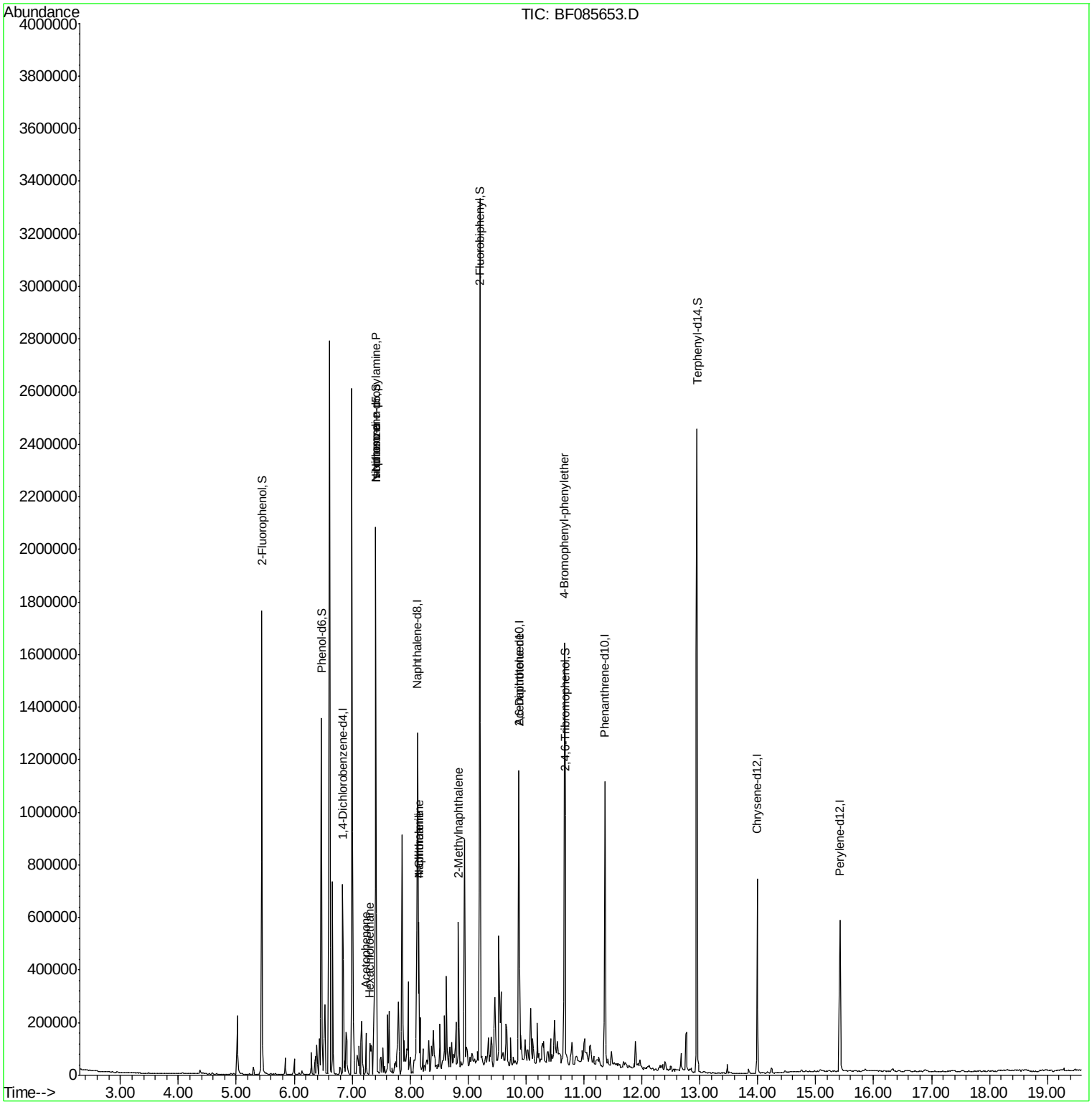
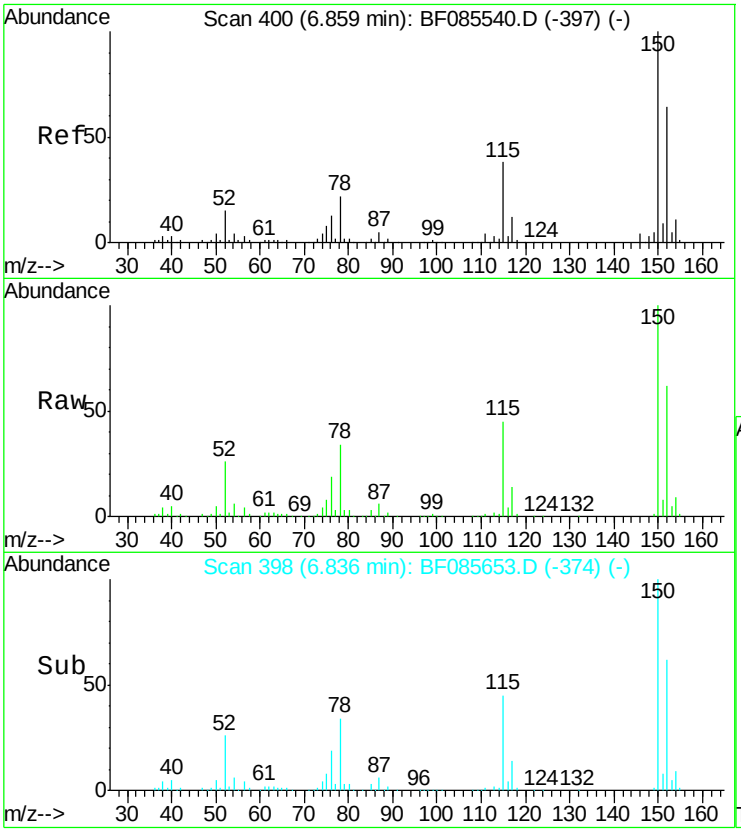


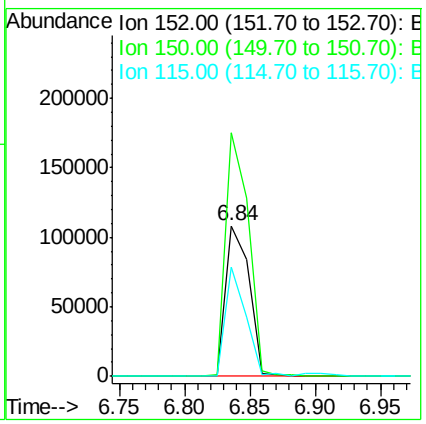


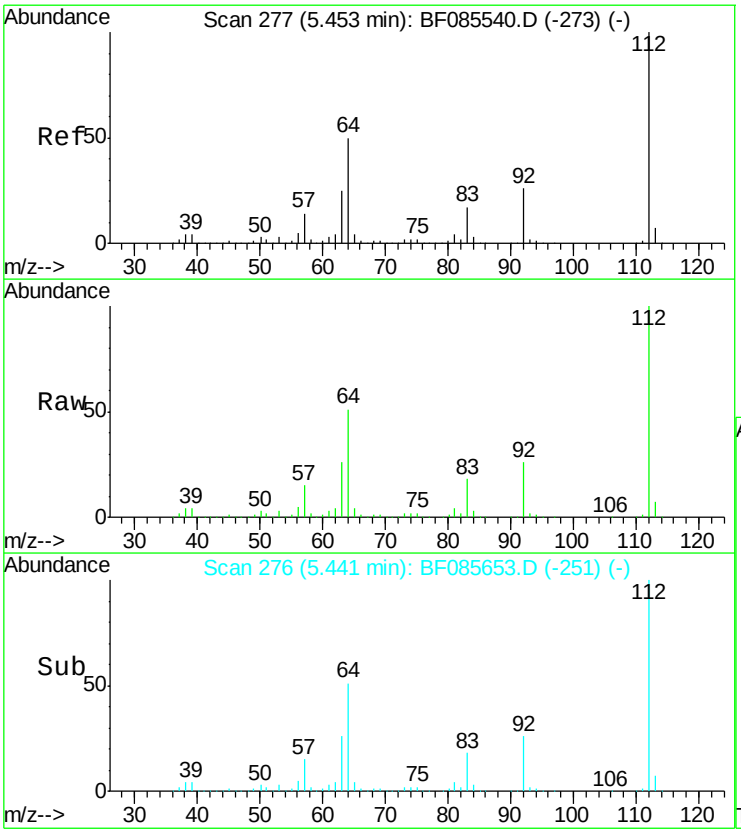
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF085653.D
Acq: 22 Mar 2016 8:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 135427

Ion	Ratio	Lower	Upper
152	100		
150	162.1	124.2	186.2
115	73.0	47.0	70.6#

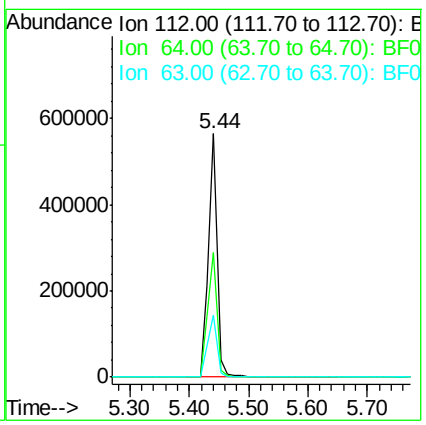


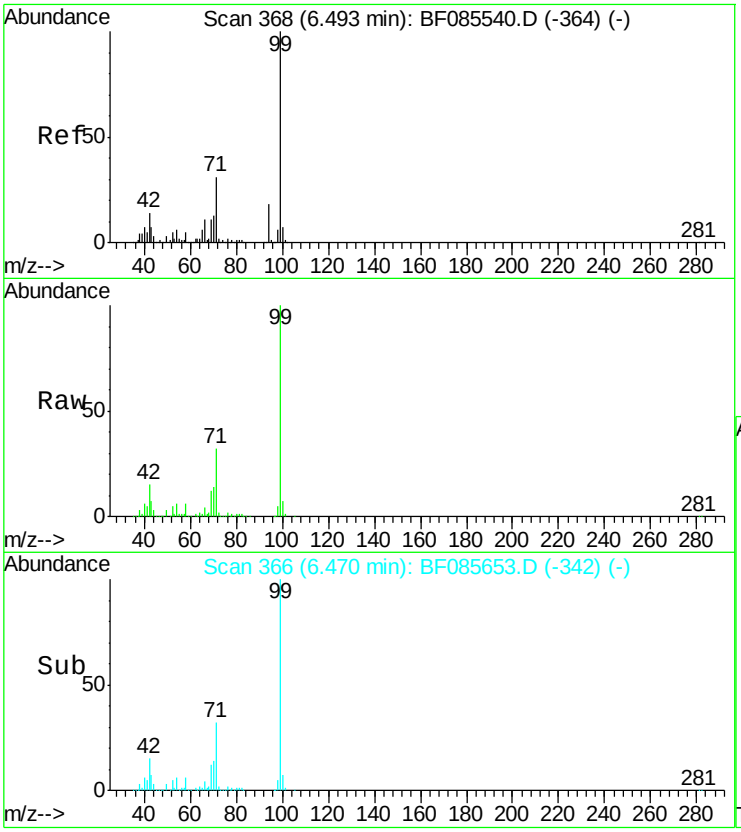


#5
2-Fluorophenol
Concen: 71.78 ng
RT: 5.44 min Scan# 276
Delta R.T. -0.01 min
Lab File: BF085653.D
Acq: 22 Mar 2016 8:02

Tgt Ion:112 Resp: 578731

Ion	Ratio	Lower	Upper
112	100		
64	51.0	39.9	59.9
63	25.7	20.2	30.2



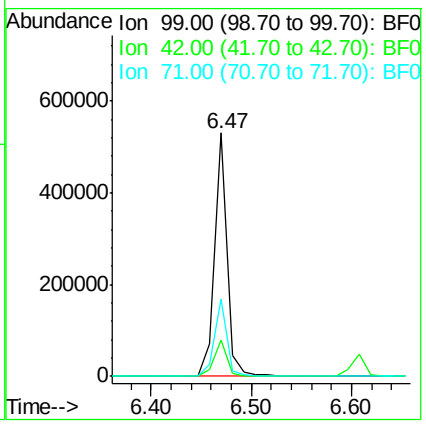


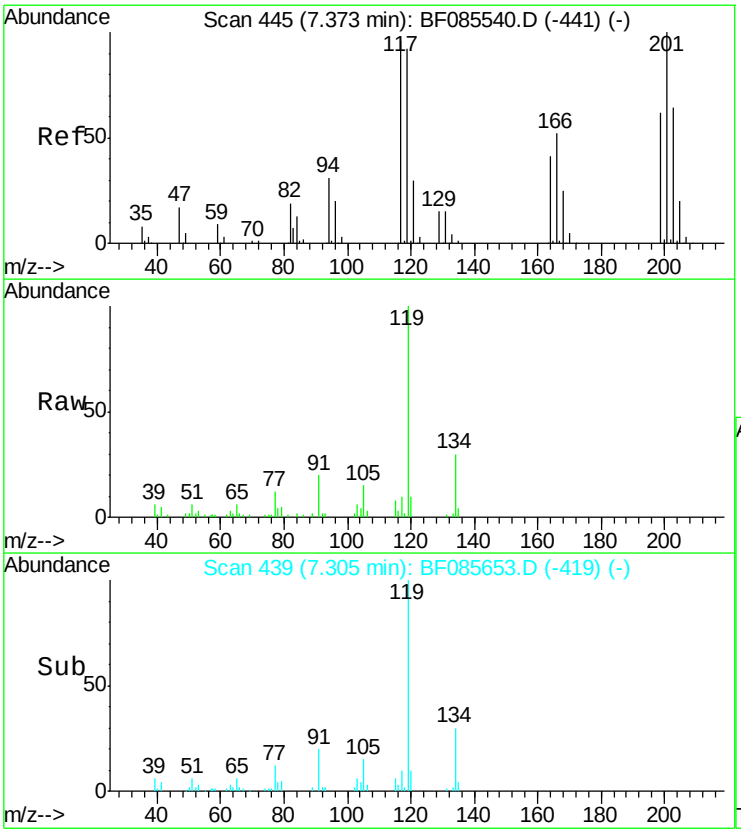
#7
Phenol-d6
Concen: 44.44 ng
RT: 6.47 min Scan# 366
Delta R.T. -0.02 min
Lab File: BF085653.D
Acq: 22 Mar 2016 8:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 459550

Ion	Ratio	Lower	Upper
99	100		
42	15.1	11.1	16.7
71	31.7	24.9	37.3

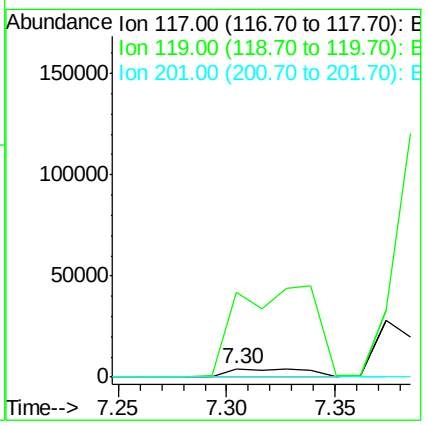


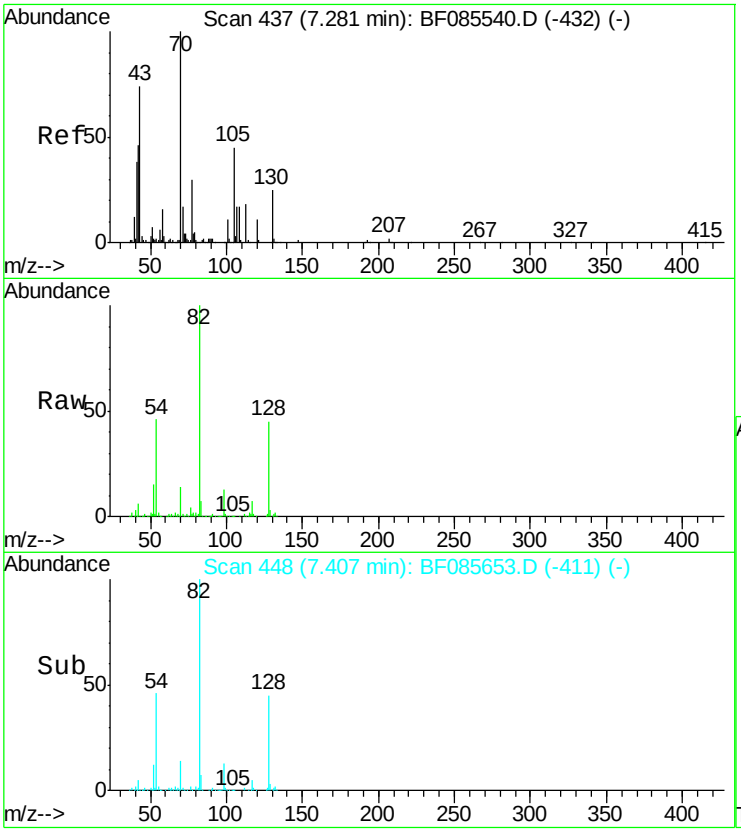


#18
Hexachloroethane
Concen: 2.71 ng
RT: 7.30 min Scan# 439
Delta R.T. -0.07 min
Lab File: BF085653.D
Acq: 22 Mar 2016 8:02

Tgt Ion:117 Resp: 10161

Ion	Ratio	Lower	Upper
117	100		
119	1012.3	76.7	115.1#
201	0.0	83.3	124.9#



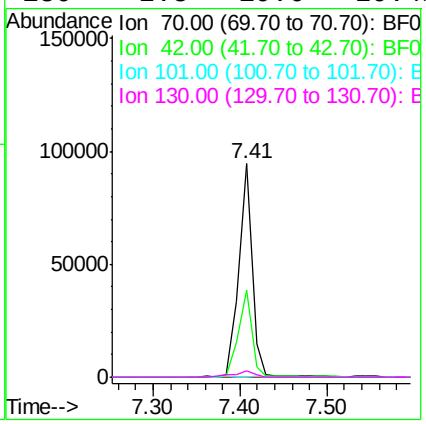


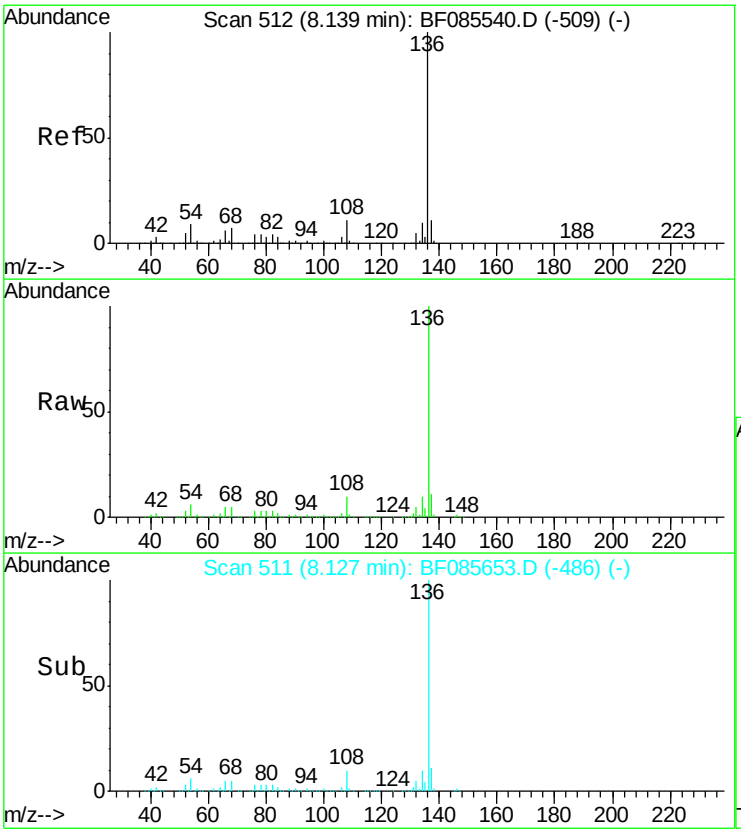
#19
n-Nitroso-di-n-propylamine
Concen: 16.43 ng
RT: 7.41 min Scan# 448
Delta R.T. 0.13 min
Lab File: BF085653.D
Acq: 22 Mar 2016 8:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 101469

Ion	Ratio	Lower	Upper
70	100		
42	40.8	37.1	55.7
101	0.0	8.6	12.8#
130	2.8	19.6	29.4#

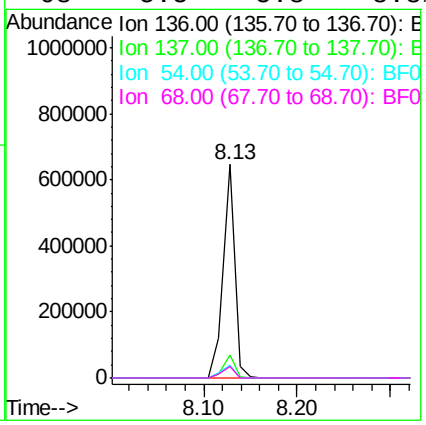


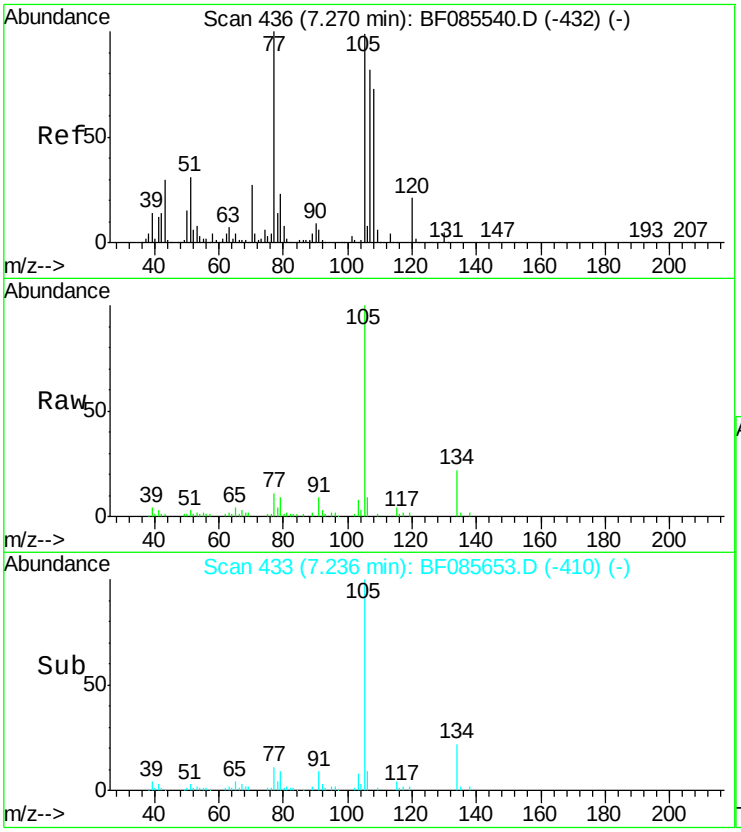


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085653.D
Acq: 22 Mar 2016 8:02

Tgt Ion:136 Resp: 557774

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.3	7.4	11.0#
68	5.5	5.8	8.8#



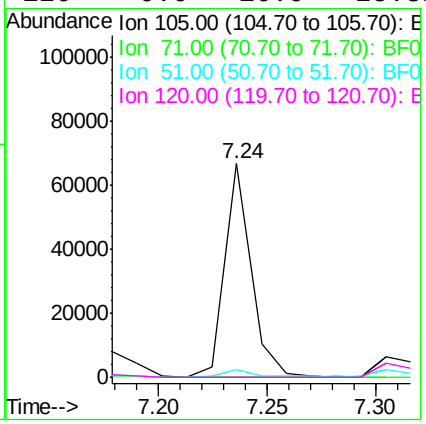


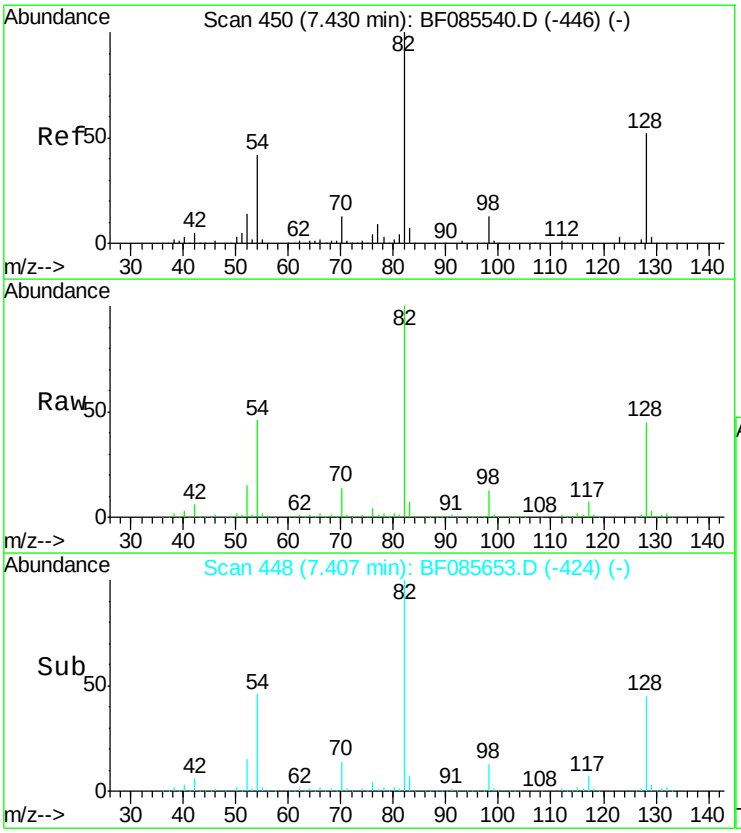
#22
Acetophenone
Concen: 4.25 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.03 min
Lab File: BF085653.D
Acq: 22 Mar 2016 8:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 56215

Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.6	5.4#
51	3.4	25.4	38.0#
120	0.0	16.9	25.3#

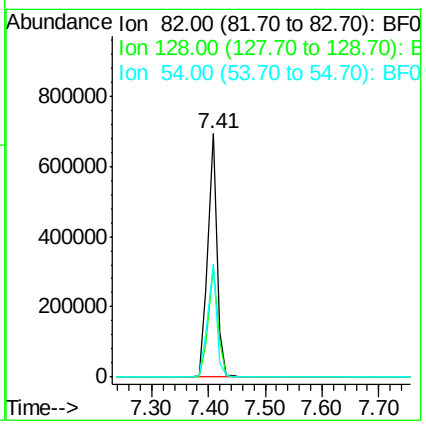


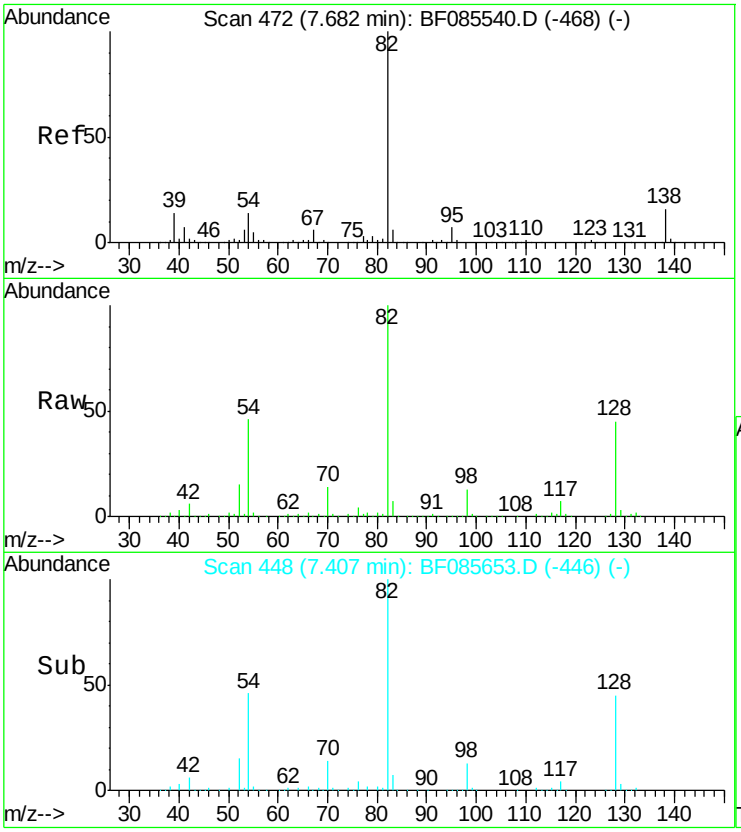


#23
Nitrobenzene-d5
Concen: 78.65 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF085653.D
Acq: 22 Mar 2016 8:02

Tgt Ion: 82 Resp: 755726

Ion	Ratio	Lower	Upper
82	100		
128	45.2	41.8	62.8
54	46.3	33.4	50.0



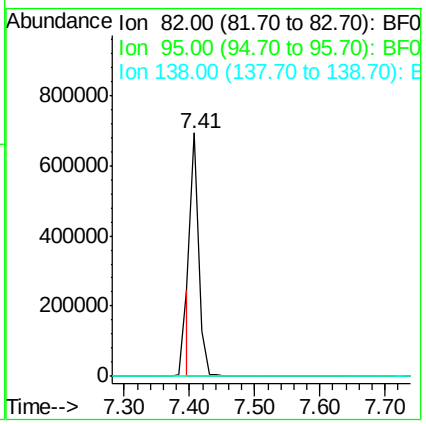


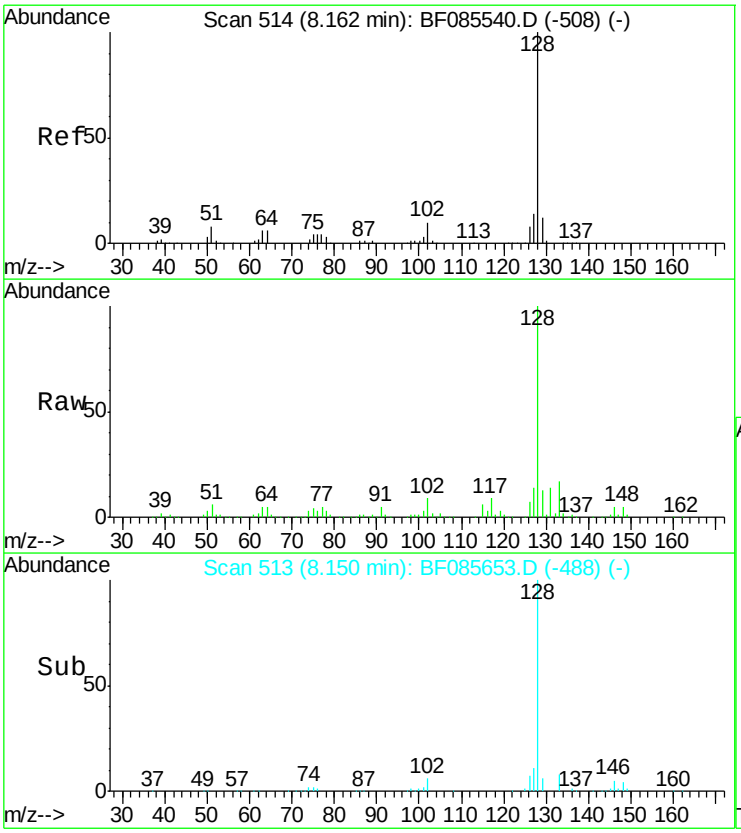
#25
Isophorone
Concen: 29.95 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.27 min
Lab File: BF085653.D
Acq: 22 Mar 2016 8:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 576124

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.2#
138	0.0	12.9	19.3#

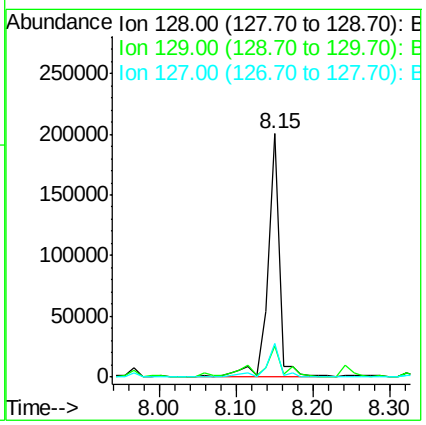


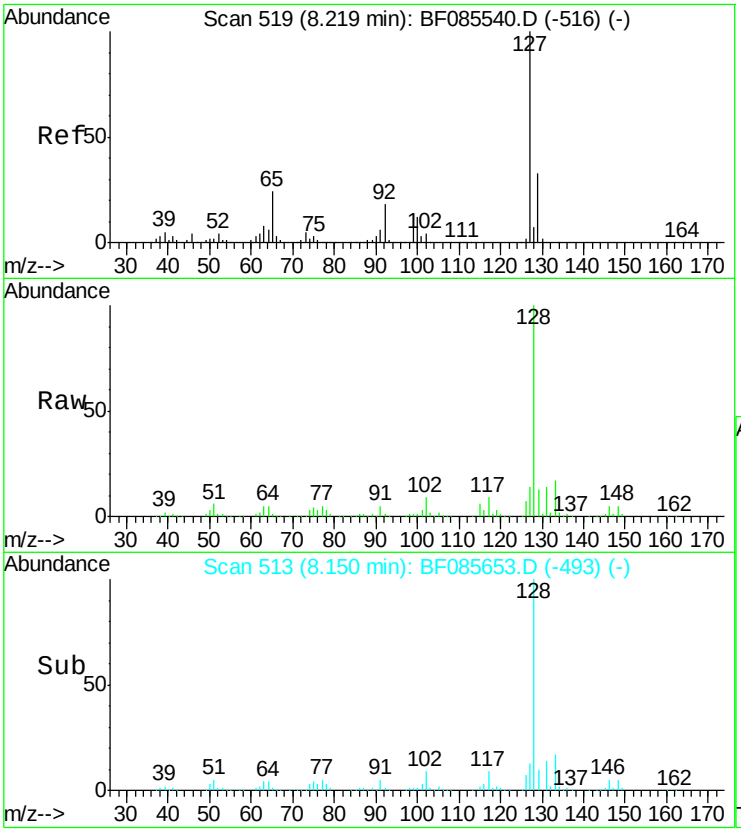


#31
Naphthalene
Concen: 7.31 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF085653.D
Acq: 22 Mar 2016 8:02

Tgt Ion:128 Resp: 205685

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.4	14.0
127	13.7	11.0	16.6



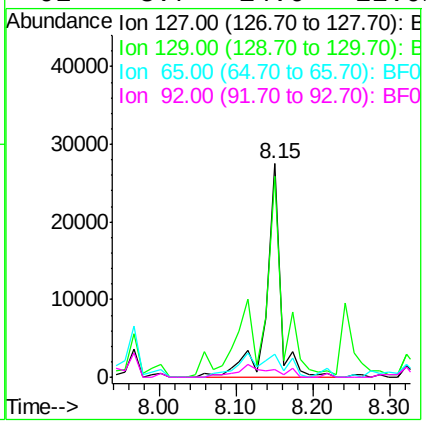


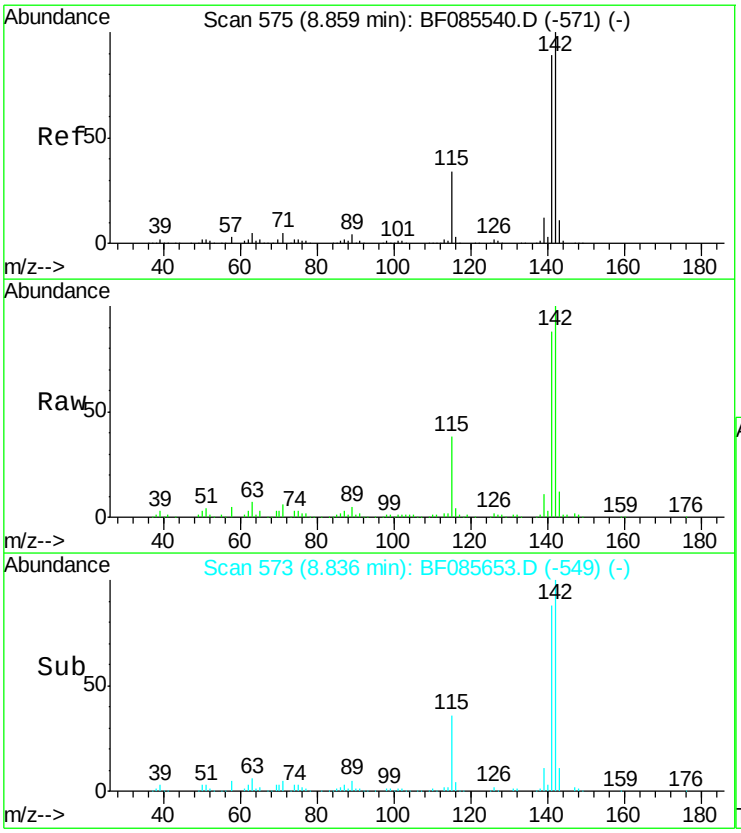
#33
4-Chloroaniline
Concen: 2.98 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.07 min
Lab File: BF085653.D
Acq: 22 Mar 2016 8:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 34395

Ion	Ratio	Lower	Upper
127	100		
129	94.2	26.1	39.1#
65	10.5	19.5	29.3#
92	3.7	14.6	22.0#

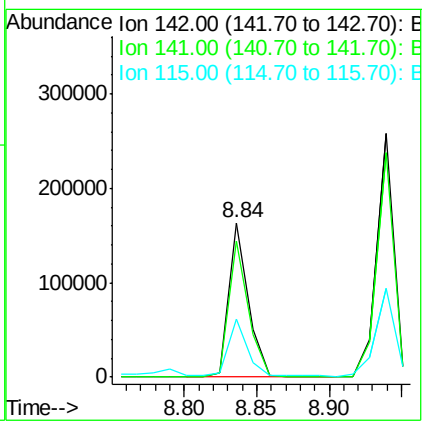


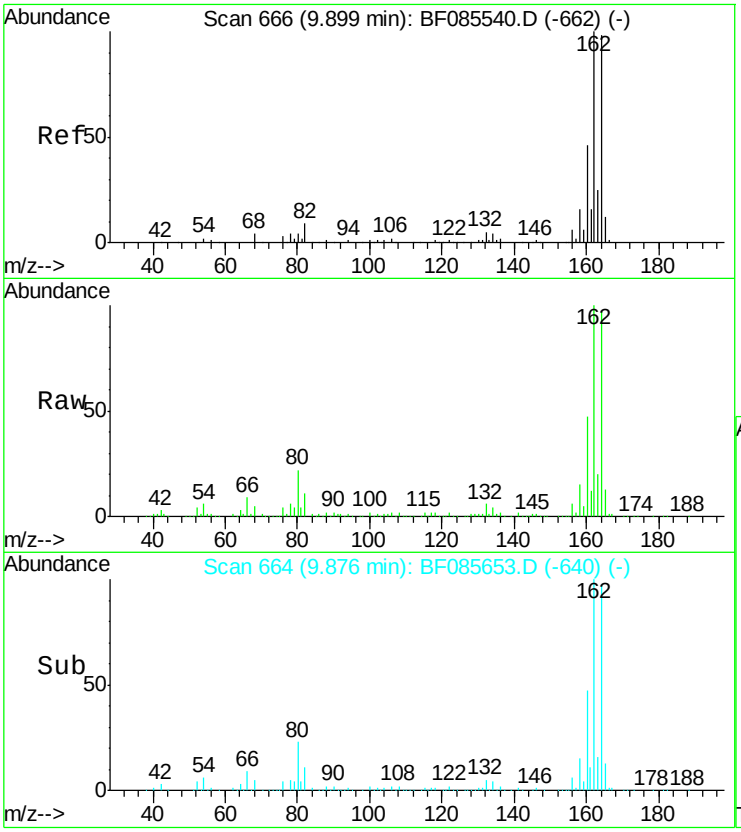


#37
2-Methylnaphthalene
Concen: 8.93 ng
RT: 8.84 min Scan# 573
Delta R.T. -0.02 min
Lab File: BF085653.D
Acq: 22 Mar 2016 8:02

Tgt Ion:142 Resp: 153311

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.6	107.4
115	37.6	26.8	40.2



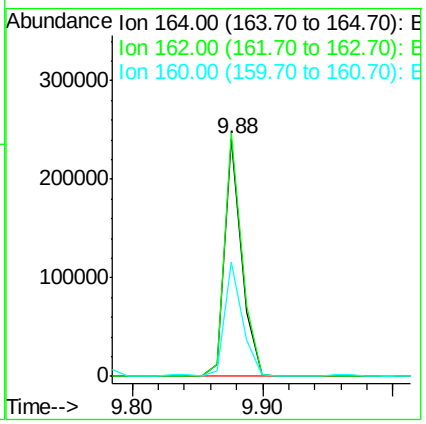


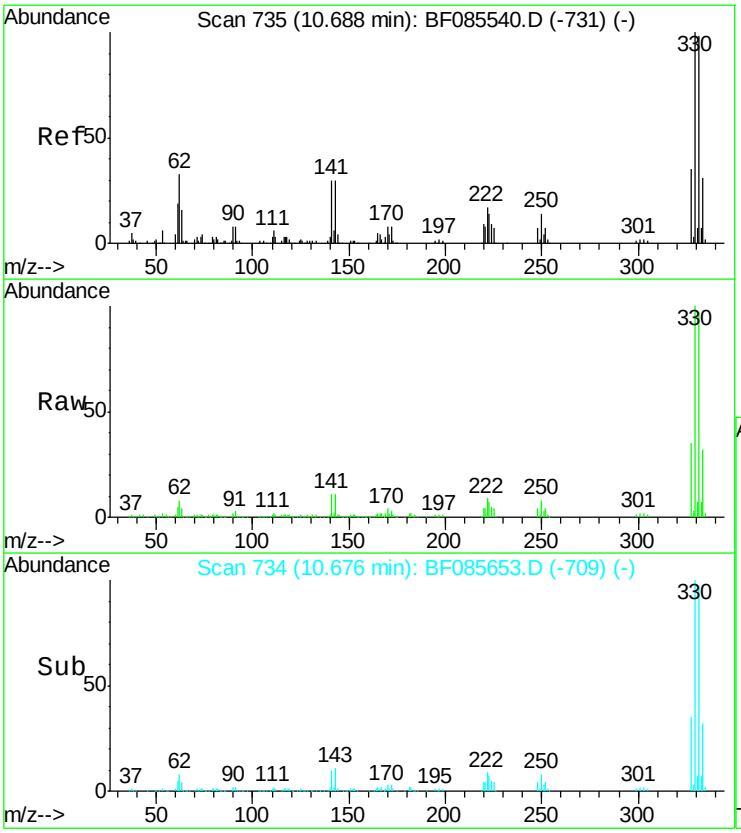
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF085653.D
Acq: 22 Mar 2016 8:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 220630

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.1	123.1
160	48.3	37.4	56.2

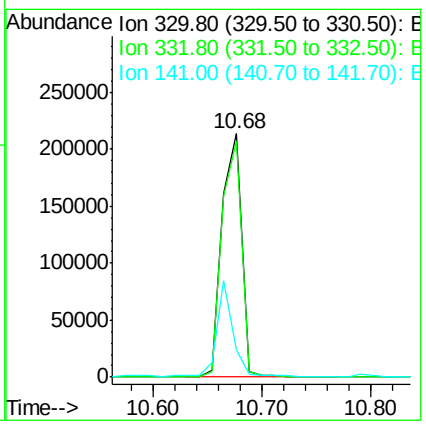


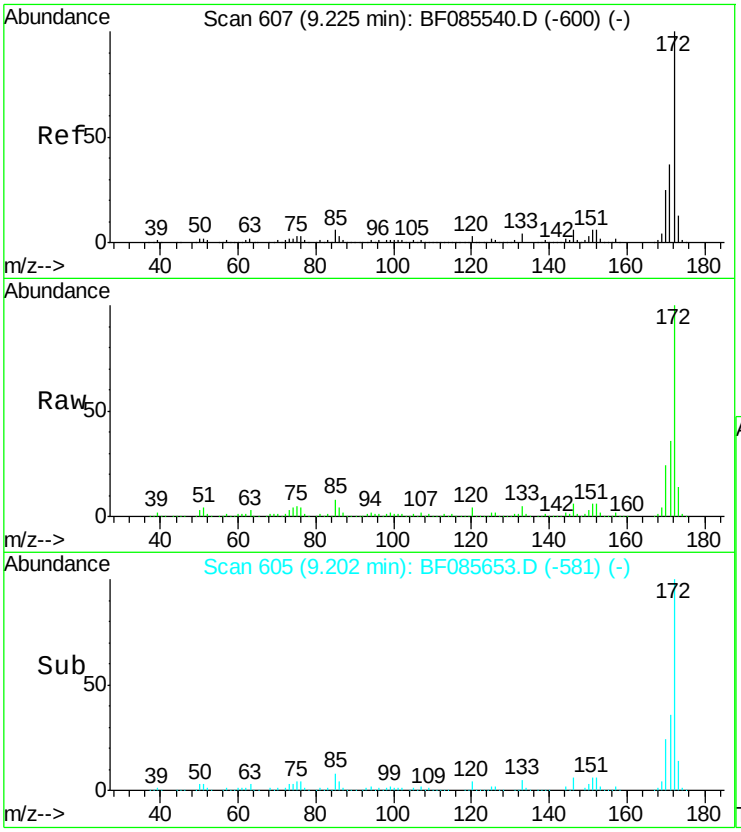


#41
2,4,6-Tribromophenol
Concen: 124.23 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF085653.D
Acq: 22 Mar 2016 8:02

Tgt Ion:330 Resp: 268480

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.2	117.2
141	31.8	31.5	47.3



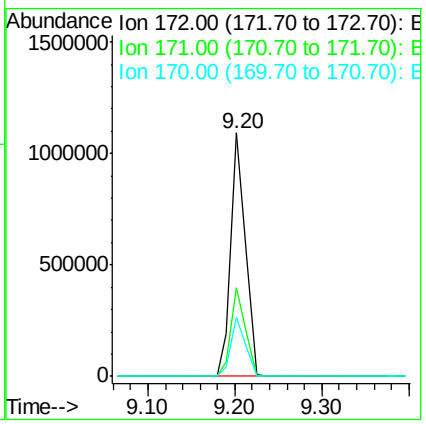


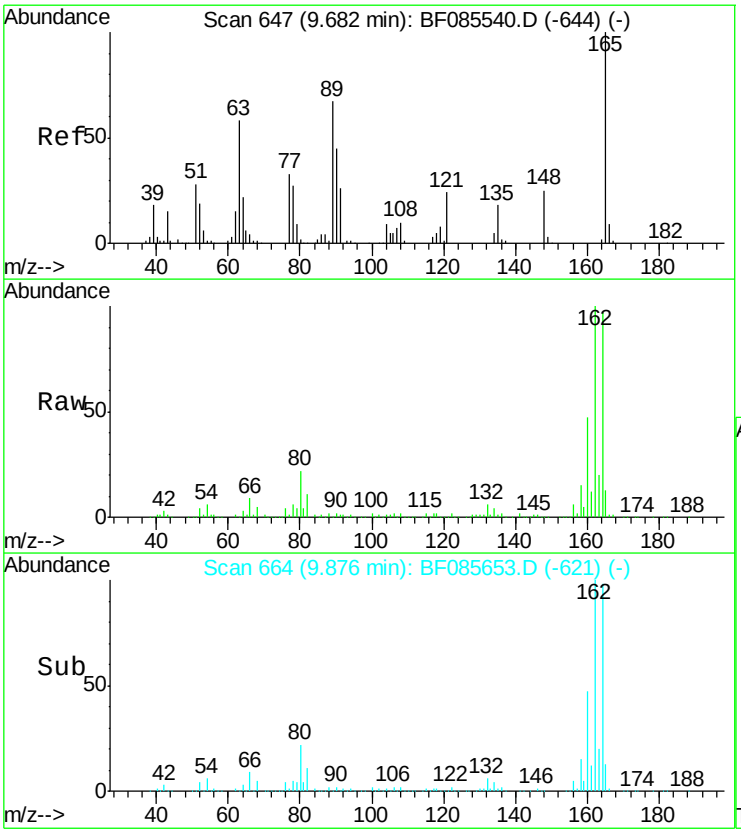
#44
2-Fluorobiphenyl
Concen: 103.28 ng
RT: 9.20 min Scan# 605
Delta R.T. -0.02 min
Lab File: BF085653.D
Acq: 22 Mar 2016 8:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1264356

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.2
170	24.4	19.8	29.6

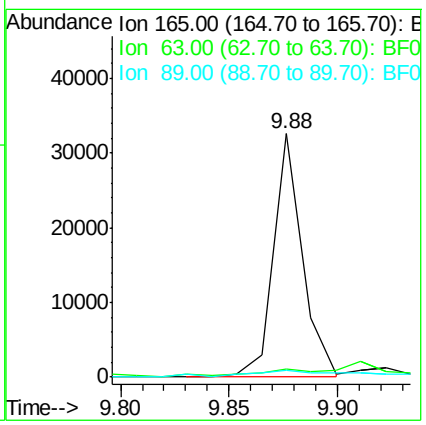


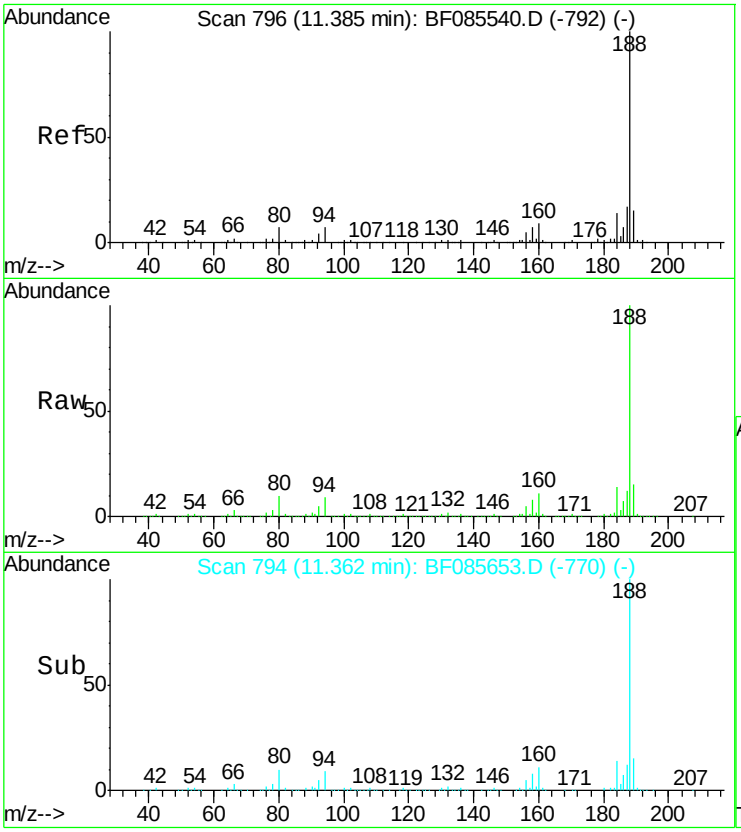


#50
2,6-Dinitrotoluene
Concen: 8.69 ng
RT: 9.88 min Scan# 664
Delta R.T. 0.19 min
Lab File: BF085653.D
Acq: 22 Mar 2016 8:02

Tgt Ion:165 Resp: 30527

Ion	Ratio	Lower	Upper
165	100		
63	3.5	51.8	77.8#
89	2.9	53.7	80.5#



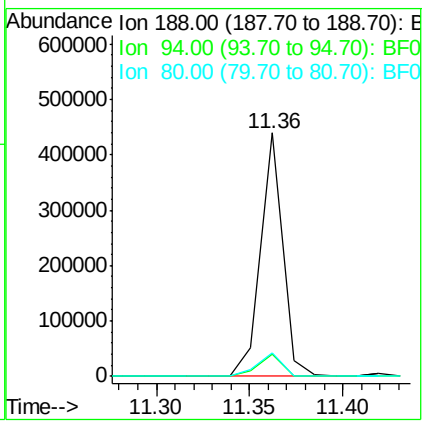


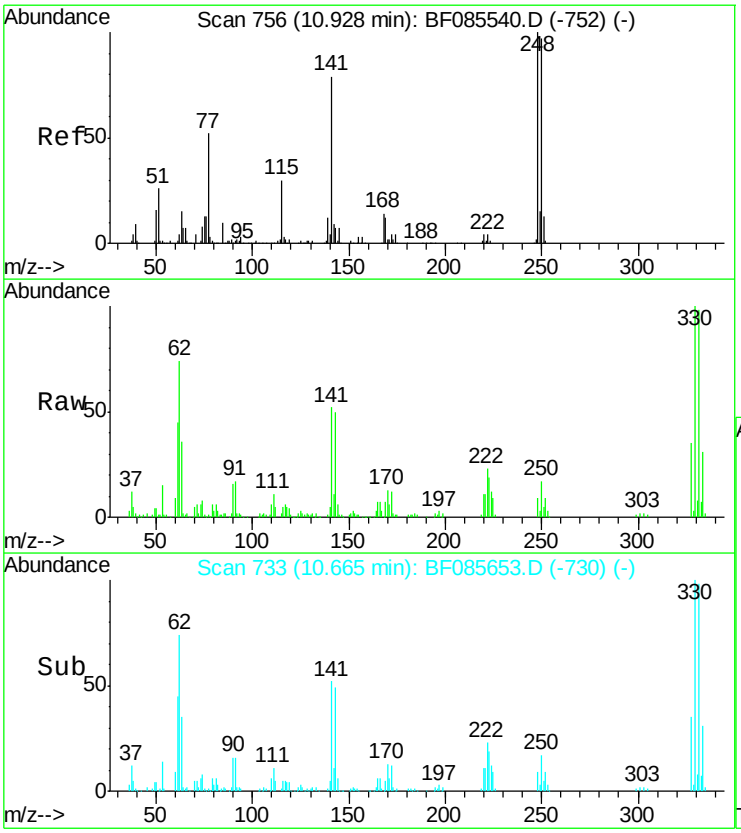
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF085653.D
Acq: 22 Mar 2016 8:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 359571

Ion	Ratio	Lower	Upper
188	100		
94	9.3	5.4	8.0#
80	9.7	5.5	8.3#

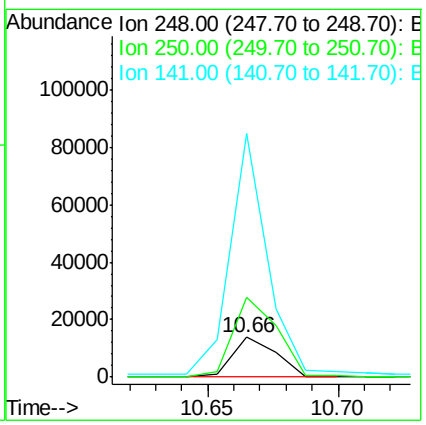


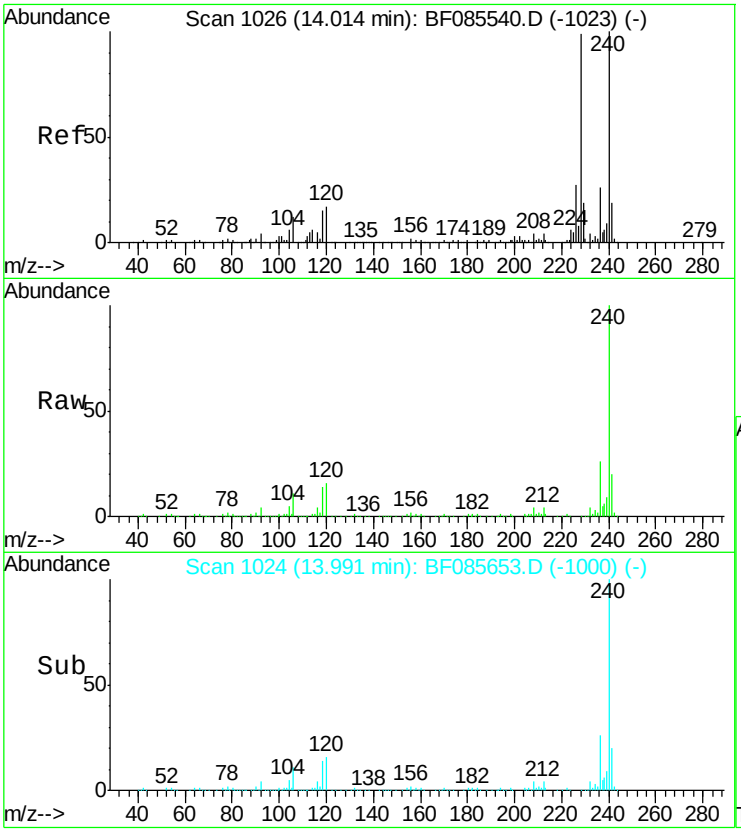


#66
4-Bromophenyl-phenylether
Concen: 4.47 ng
RT: 10.66 min Scan# 733
Delta R.T. -0.26 min
Lab File: BF085653.D
Acq: 22 Mar 2016 8:02

Tgt Ion:248 Resp: 16050

Ion	Ratio	Lower	Upper
248	100		
250	200.1	77.4	116.0#
141	615.6	63.6	95.4#



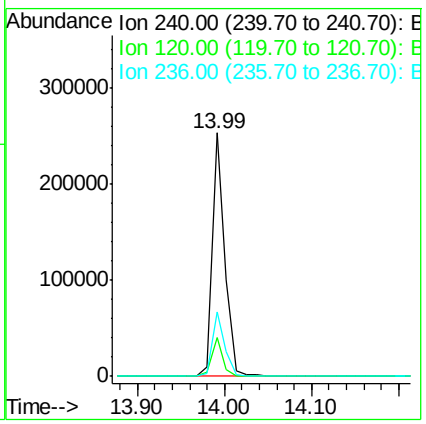


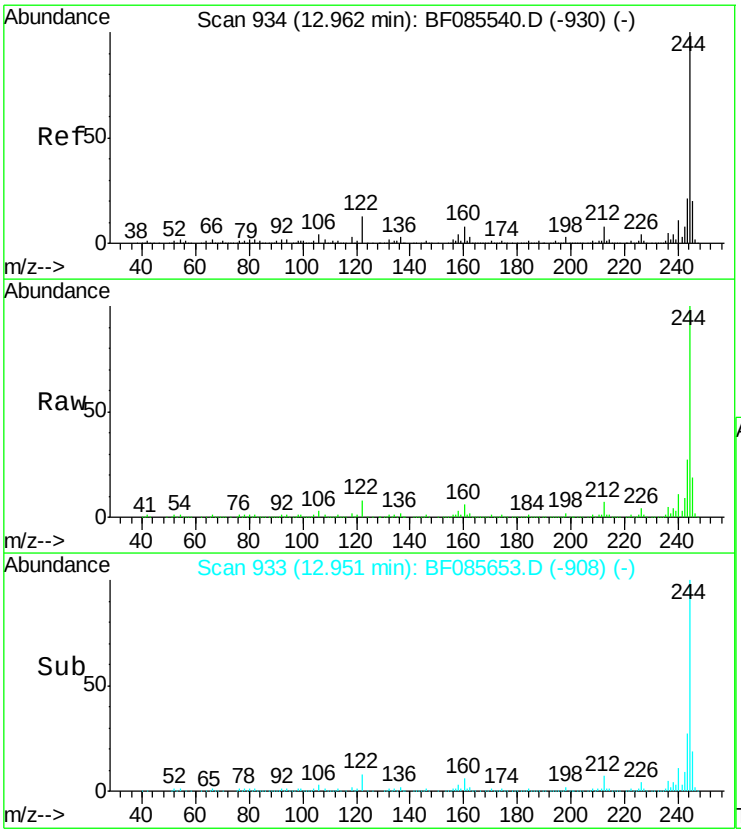
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF085653.D
Acq: 22 Mar 2016 8:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 257986

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

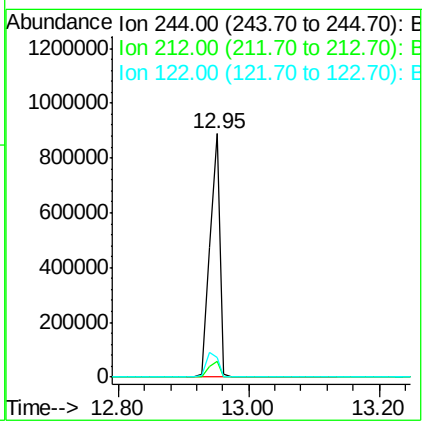


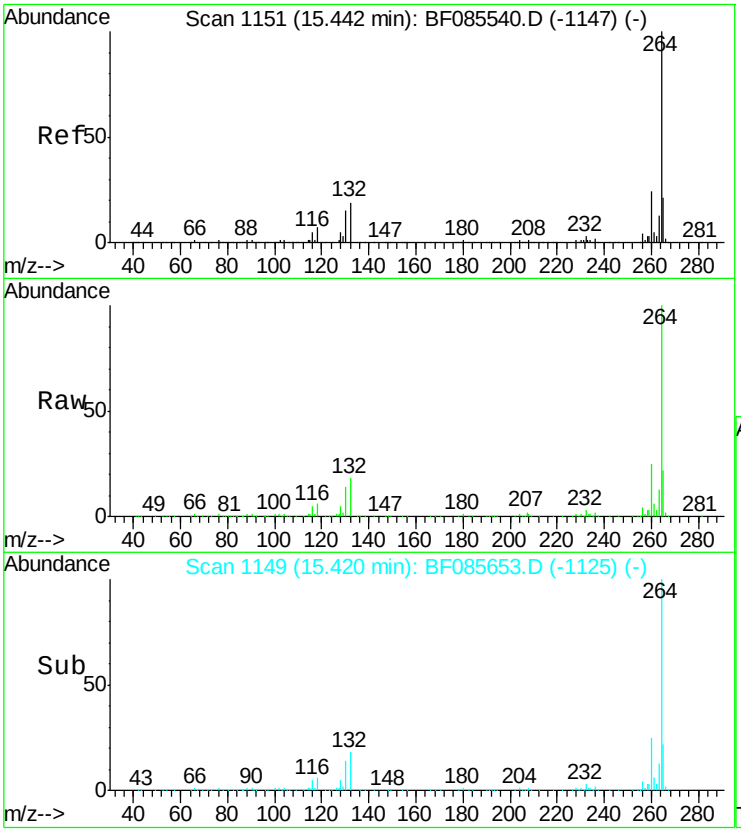


#78
Terphenyl-d14
Concen: 89.42 ng
RT: 12.95 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF085653.D
Acq: 22 Mar 2016 8:02

Tgt Ion:244 Resp: 958652

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.1	9.1
122	8.3	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: BF085653.D
Acq: 22 Mar 2016 8:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 260135

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.7	17.2	25.8