Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086881.D
Acq On : 11 May 2016 5:12
Operator : UM/SJ
Sample : H2916-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 11 07:55:13 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	144625	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	525924	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	216167	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	345470	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	275706	20.00	ng	-0.01
86) Perylene-d12	15.20	264	229555	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1025353	120.07	ng	0.00
7) Phenol-d6	6.35	99	1357281	118.92	ng	-0.01
23) Nitrobenzene-d5	7.25	82	777435	74.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	237038	103.58	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1136173	88.34	ng	-0.01
78) Terphenyl-d14	12.78	244	916834	70.56	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	6.84	79	16251	2.06	ng	# 42
19) n-Nitroso-di-n-propylamine	7.25	70	108600	13.62	ng	# 69
25) Isophorone	7.25	82	701202	36.08	ng	# 68
49) Dimethylphthalate	9.45	163	165181	10.02	ng	100
55) 4-Nitrophenol	9.93	139	252	4.66	ng	# 14
56) 2,4-Dinitrotoluene	9.72	165	27914	6.50	ng	# 16
66) 4-Bromophenyl-phenylether	10.51	248	14806	4.23	ng	# 1
76) Benzidine	12.77	184	14065	2.00	ng	98

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

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Acq On : 11 May 2016 5:12
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ALS Vial : 40 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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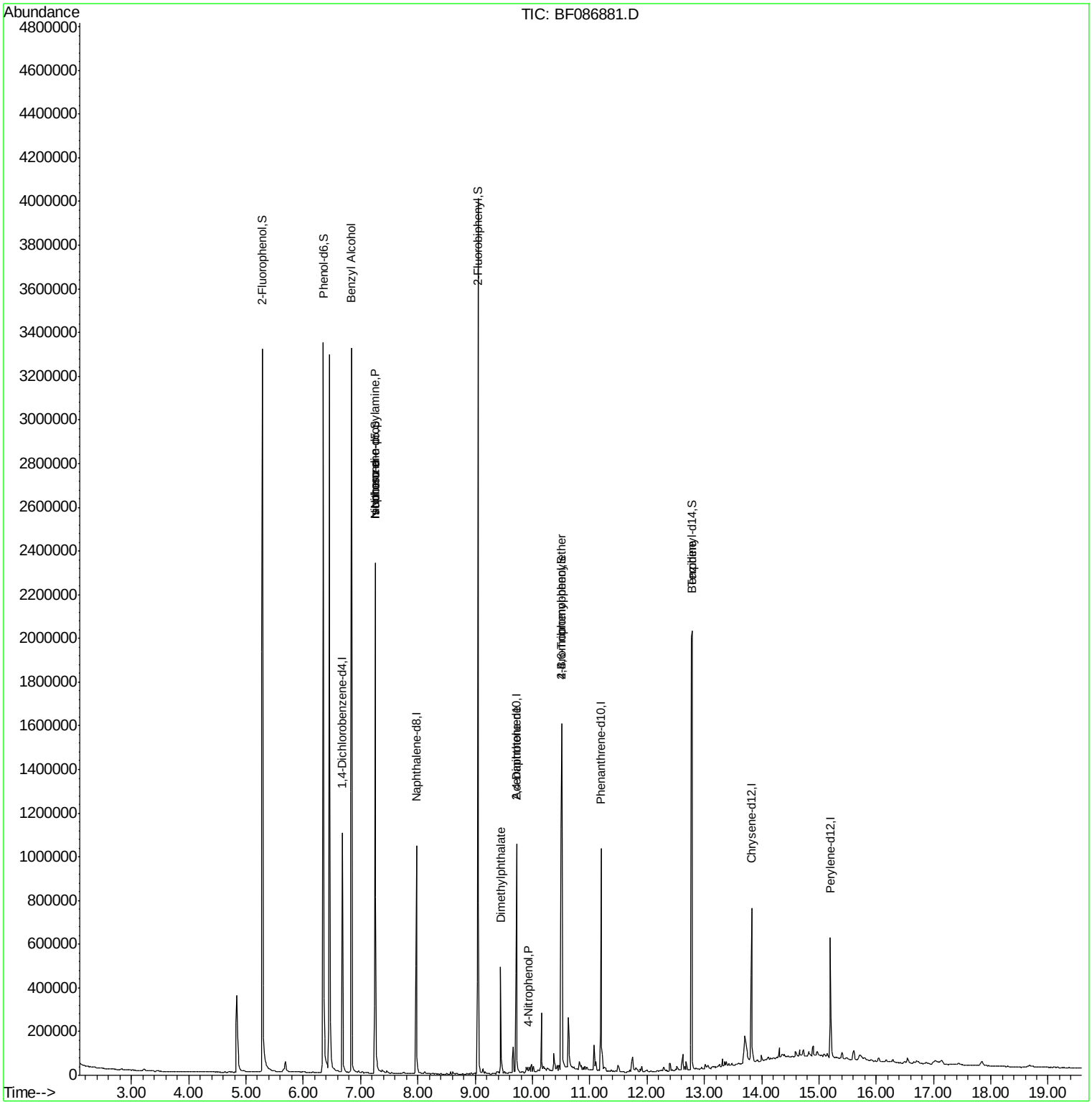
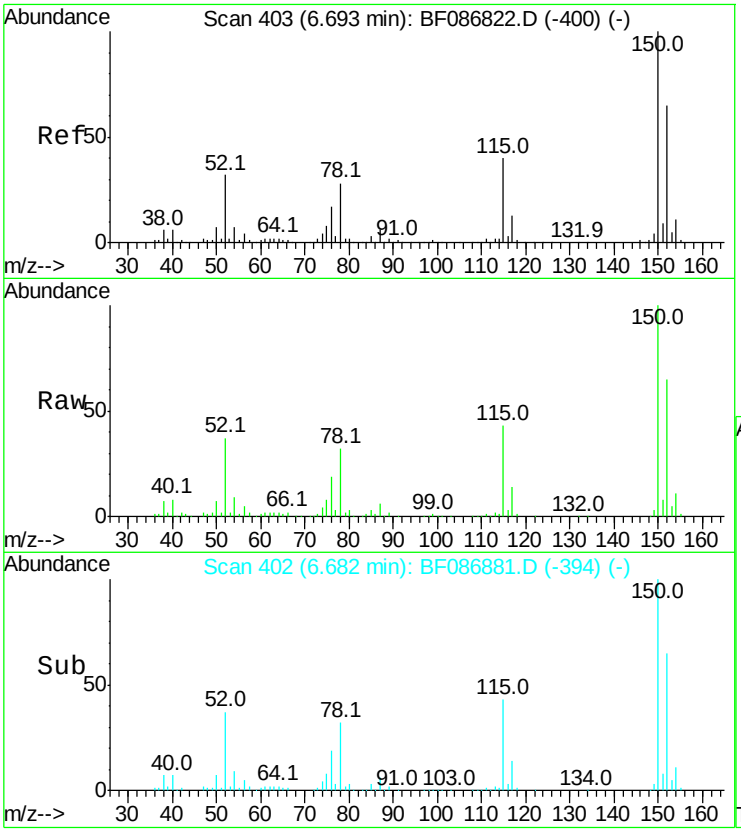


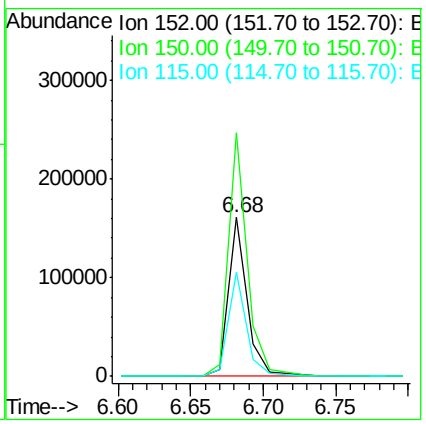


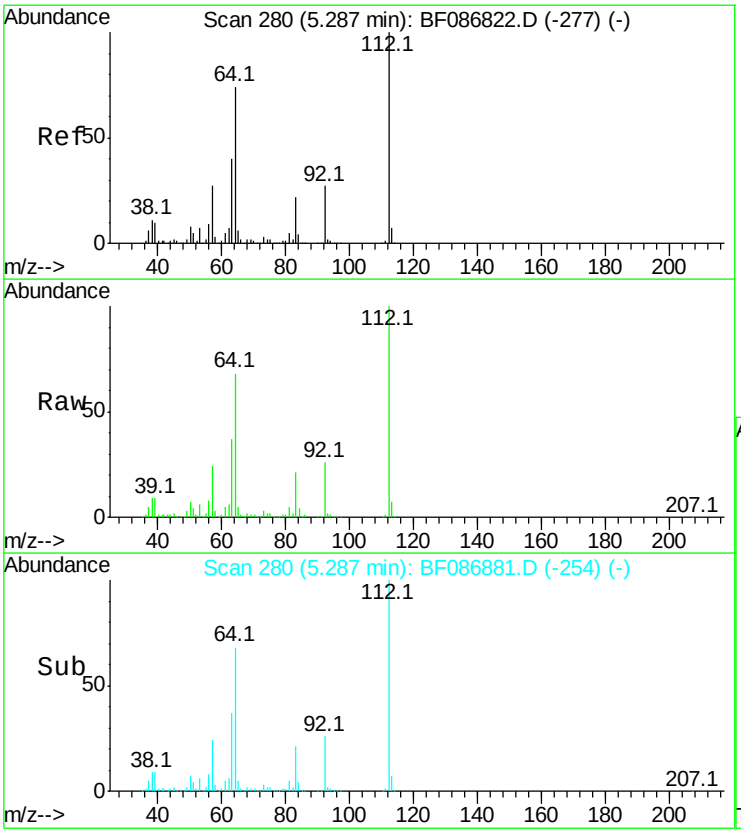
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF086881.D
Acq: 11 May 2016 5:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 144625

Ion	Ratio	Lower	Upper
152	100		
150	153.4	125.8	188.6
115	65.8	51.5	77.3

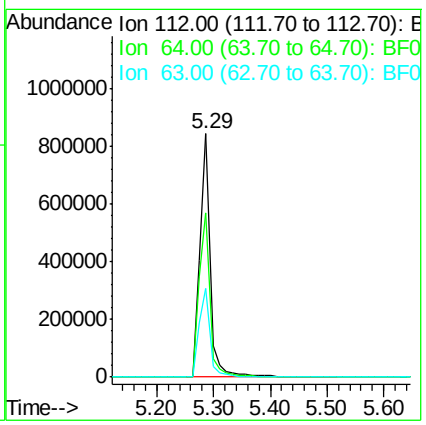


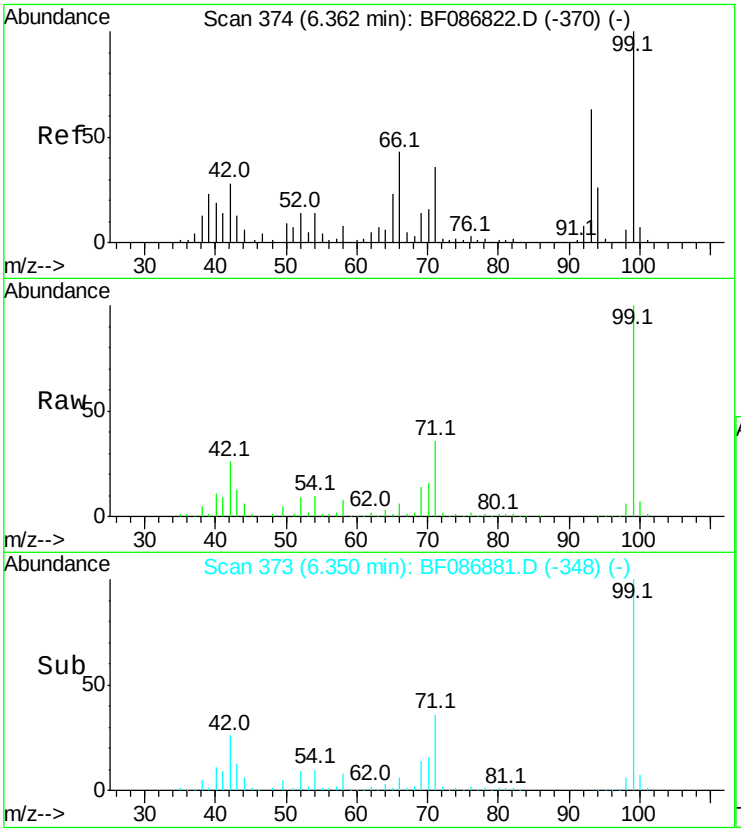


#5
2-Fluorophenol
Concen: 120.07 ng
RT: 5.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: BF086881.D
Acq: 11 May 2016 5:12

Tgt Ion:112 Resp: 1025353

Ion	Ratio	Lower	Upper
112	100		
64	67.5	52.1	78.1
63	36.6	25.7	38.5



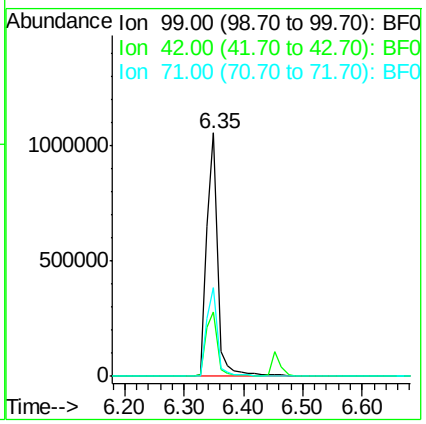


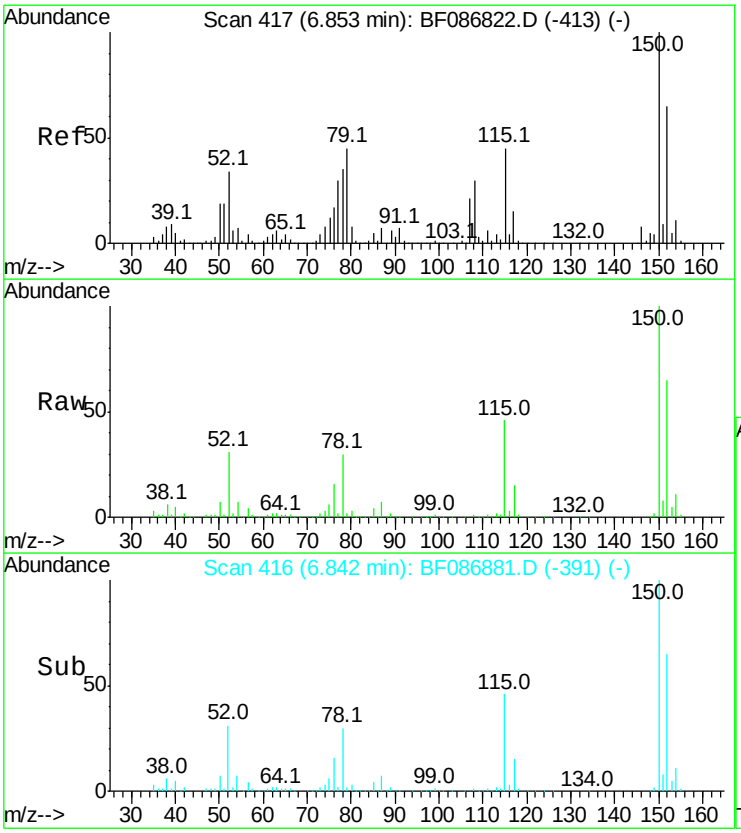
#7
Phenol-d6
Concen: 118.92 ng
RT: 6.35 min Scan# 373
Delta R.T. -0.01 min
Lab File: BF086881.D
Acq: 11 May 2016 5:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1357281

Ion	Ratio	Lower	Upper
99	100		
42	26.4	13.6	20.4#
71	36.3	24.6	36.8

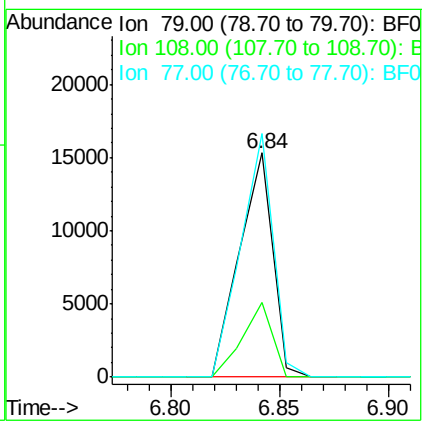


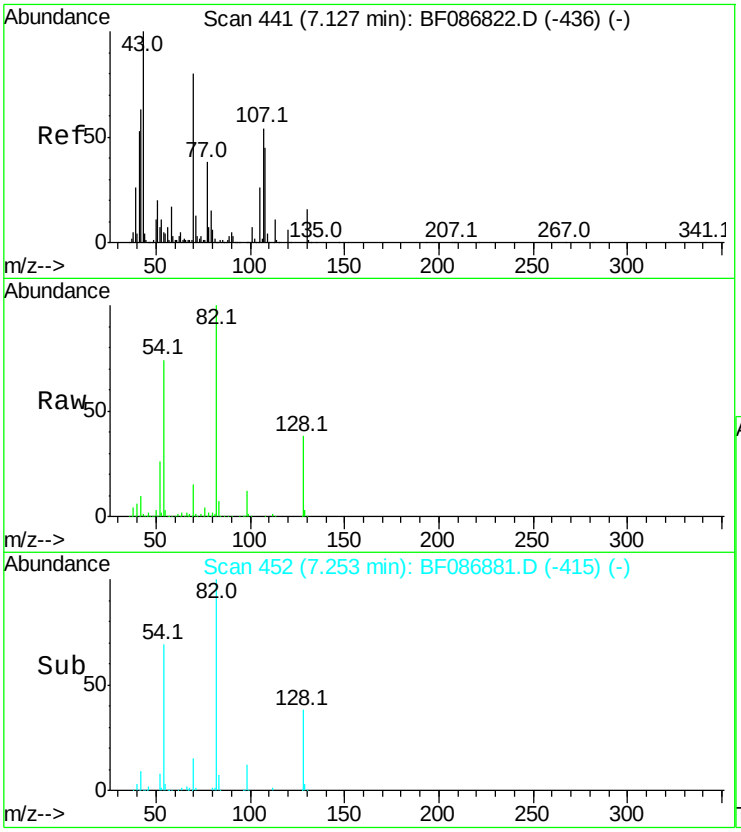


#15
Benzyl Alcohol
Concen: 2.06 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF086881.D
Acq: 11 May 2016 5:12

Tgt Ion: 79 Resp: 16251

Ion	Ratio	Lower	Upper
79	100		
108	33.1	68.4	102.6#
77	108.7	50.6	76.0#



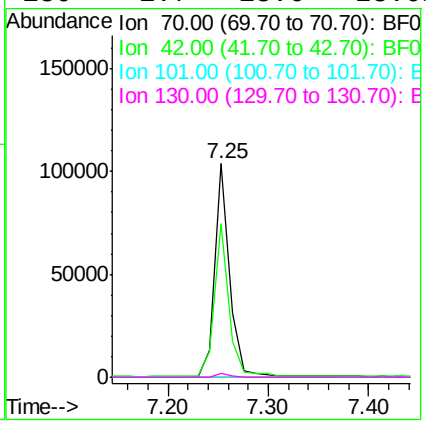


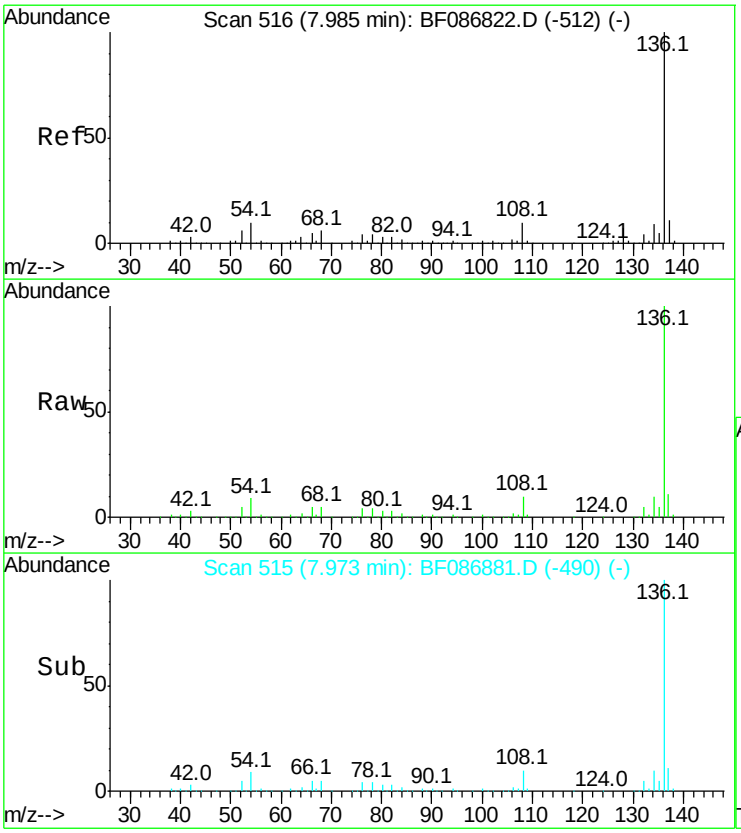
#19
n-Nitroso-di-n-propylamine
Concen: 13.62 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.13 min
Lab File: BF086881.D
Acq: 11 May 2016 5:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 108600

Ion	Ratio	Lower	Upper
70	100		
42	72.0	43.1	64.7#
101	0.0	8.1	12.1#
130	1.7	18.6	28.0#

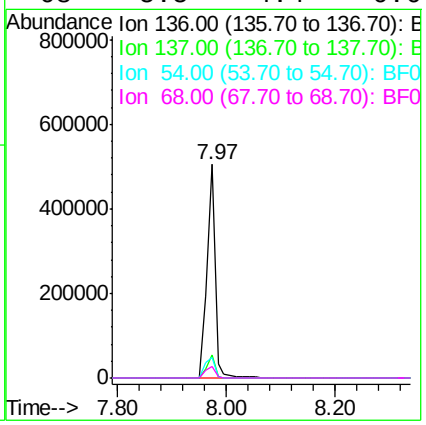


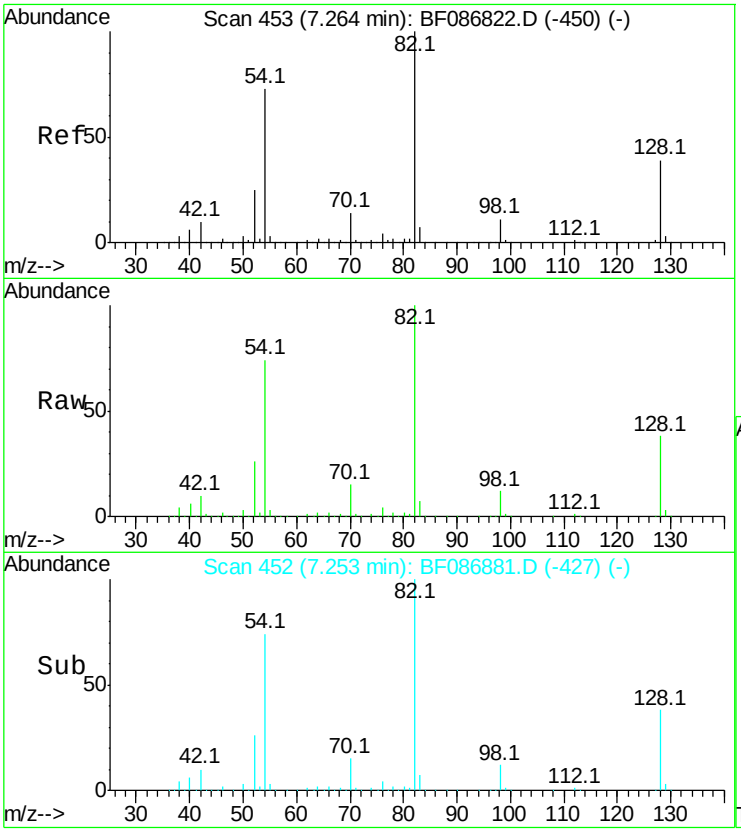


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF086881.D
Acq: 11 May 2016 5:12

Tgt Ion:136 Resp: 525924

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	9.5	5.0	7.4#
68	5.5	4.4	6.6



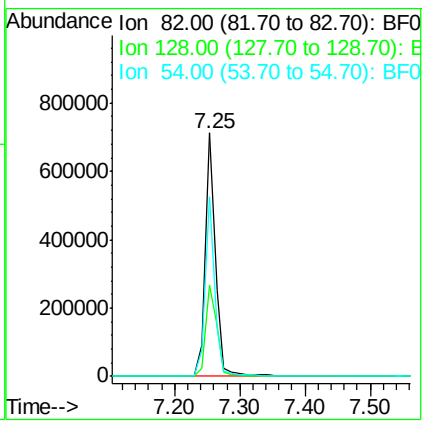


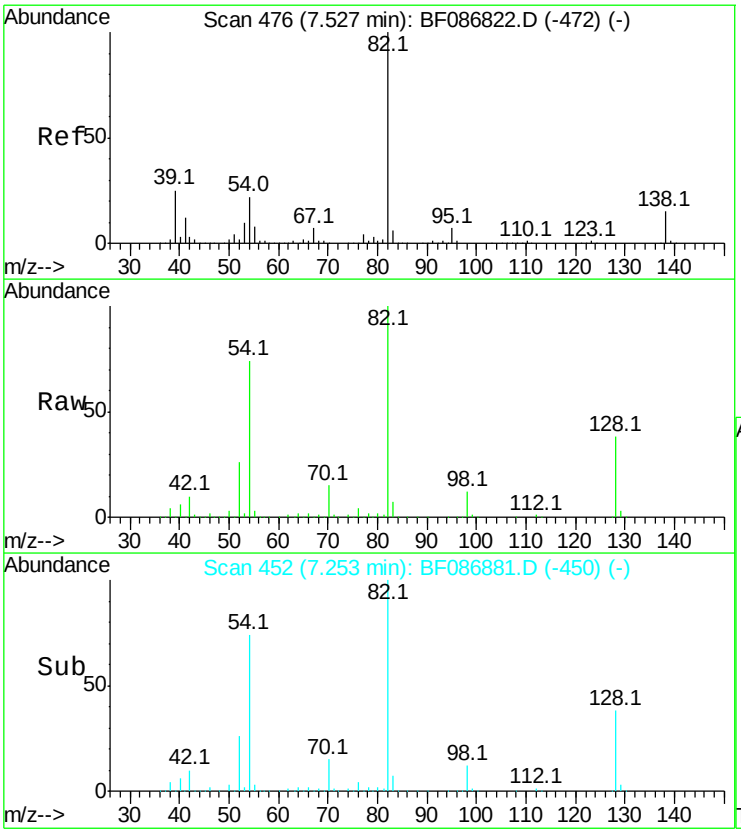
#23
Nitrobenzene-d5
Concen: 74.23 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF086881.D
Acq: 11 May 2016 5:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 777435

Ion	Ratio	Lower	Upper
82	100		
128	37.5	40.6	61.0#
54	73.6	38.1	57.1#

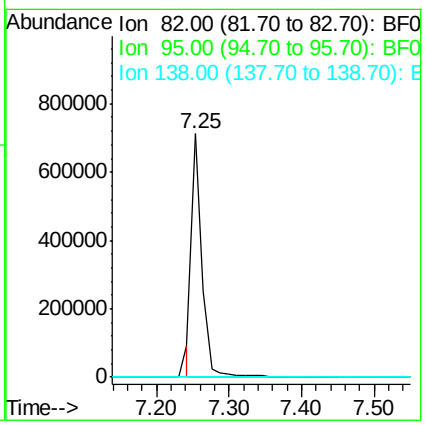


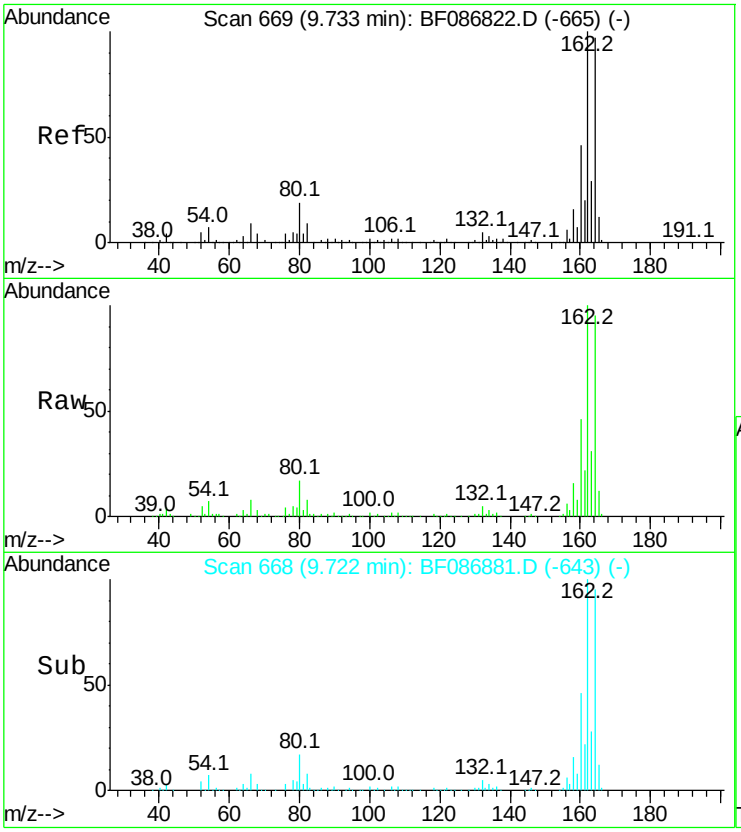


#25
Isophorone
Concen: 36.08 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.27 min
Lab File: BF086881.D
Acq: 11 May 2016 5:12

Tgt Ion: 82 Resp: 701202

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#



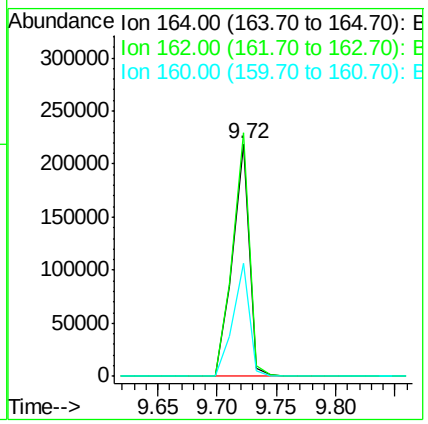


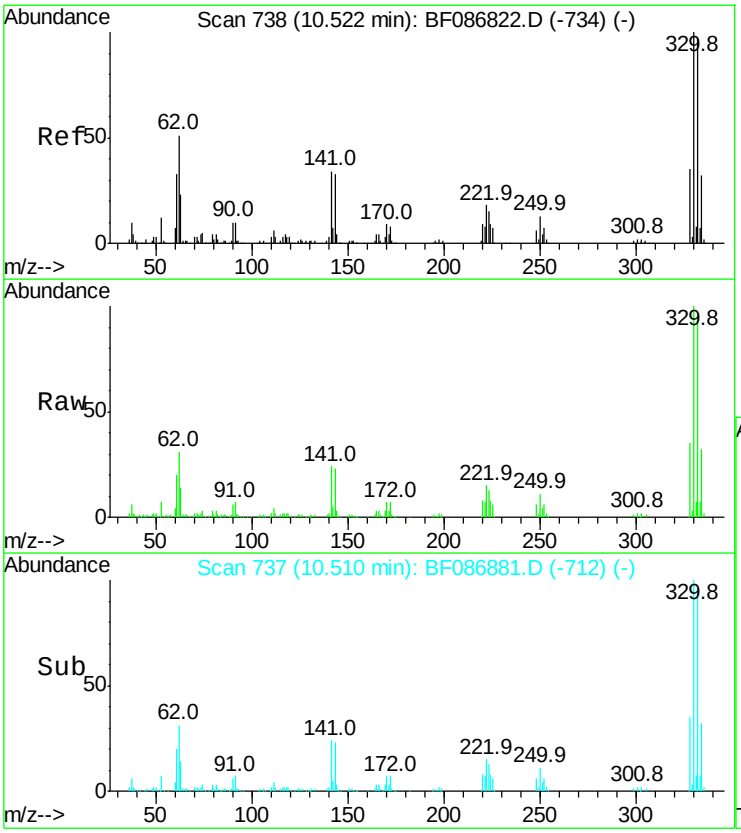
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF086881.D
Acq: 11 May 2016 5:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 216167

Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.8	124.2
160	48.6	36.9	55.3

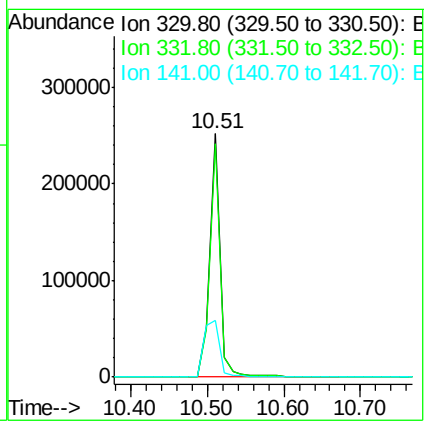


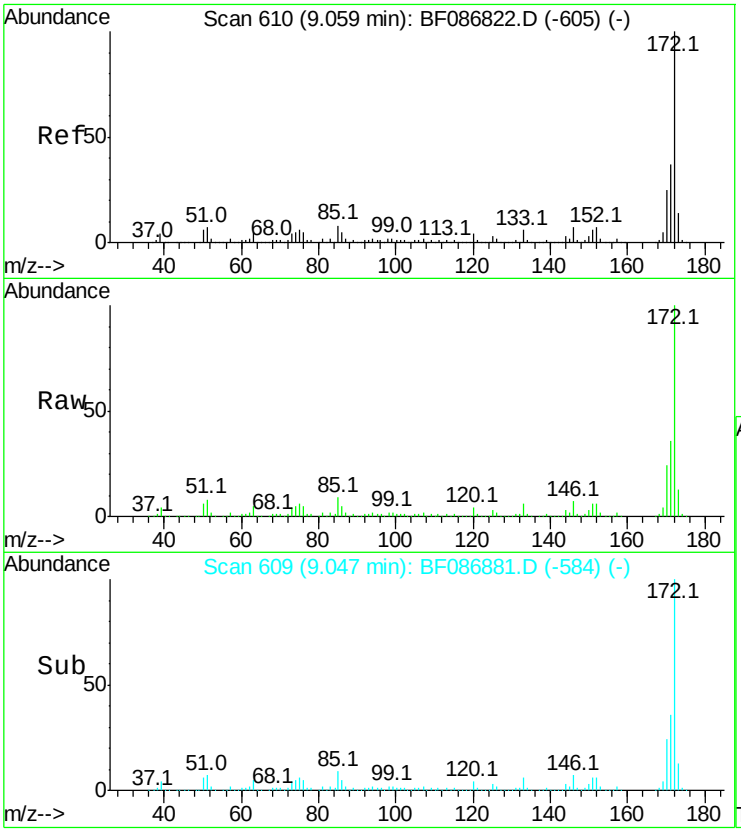


#41
2,4,6-Tribromophenol
Concen: 103.58 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF086881.D
Acq: 11 May 2016 5:12

Tgt Ion:330 Resp: 237038

Ion	Ratio	Lower	Upper
330	100		
332	96.0	79.0	118.4
141	35.9	31.2	46.8



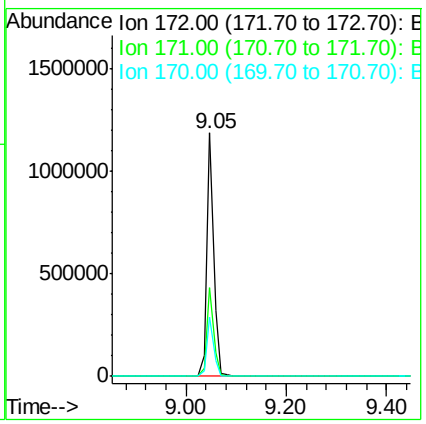


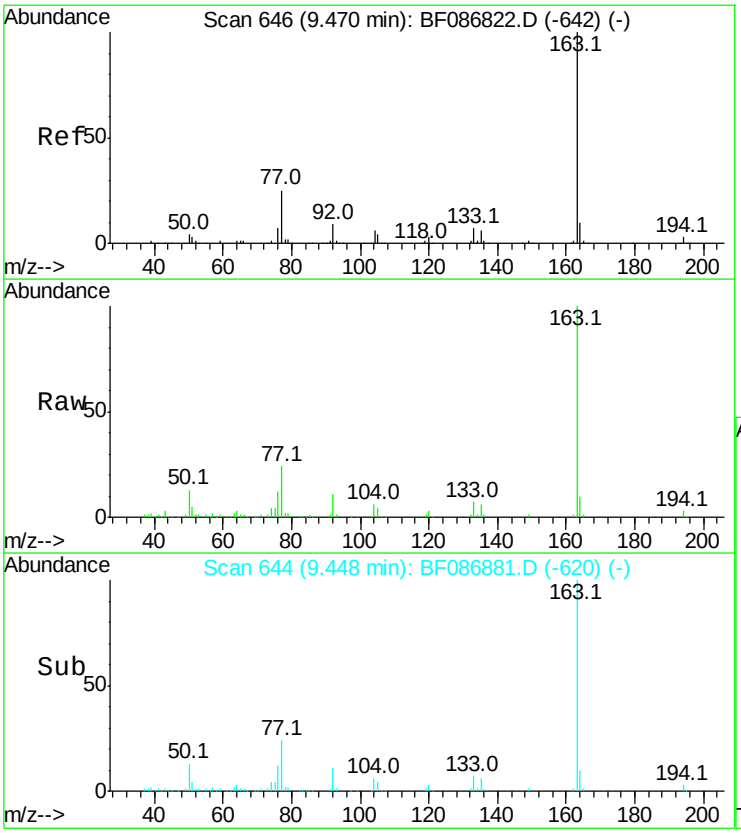
#44
2-Fluorobiphenyl
Concen: 88.34 ng
RT: 9.05 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF086881.D
Acq: 11 May 2016 5:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1136173

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.2	19.8	29.8

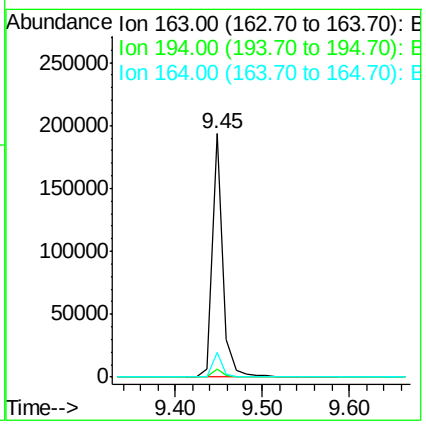


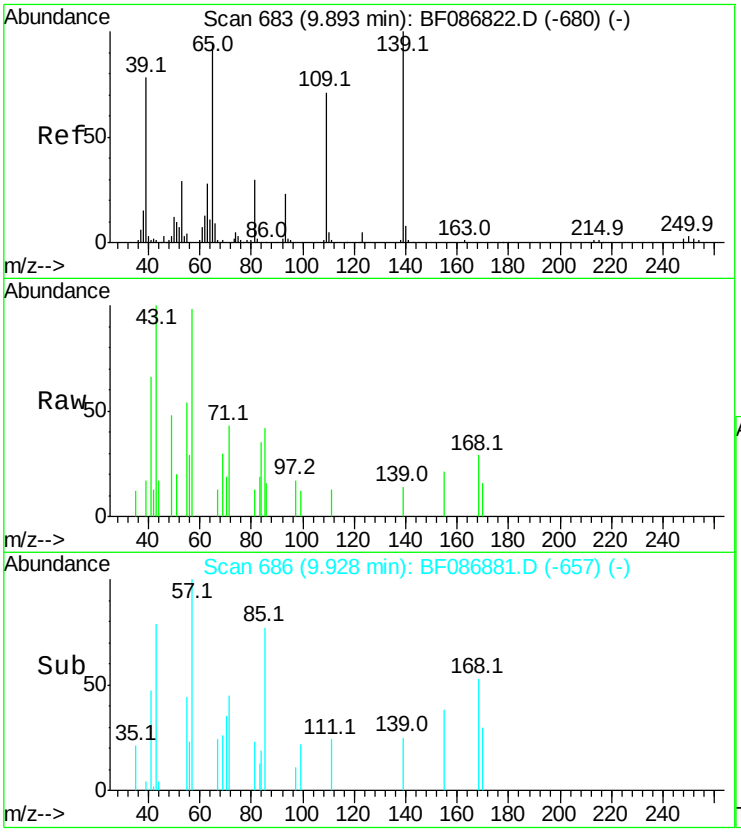


#49
Dimethylphthalate
Concen: 10.02 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF086881.D
Acq: 11 May 2016 5:12

Tgt Ion:163 Resp: 165181

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.1	8.2	12.4



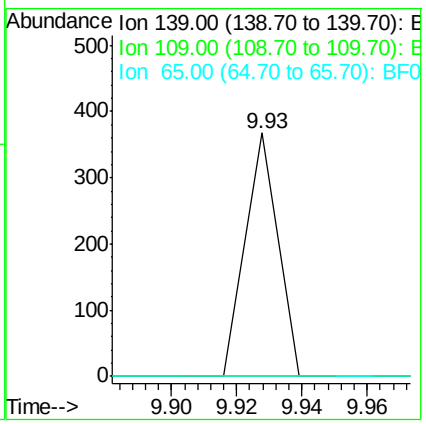


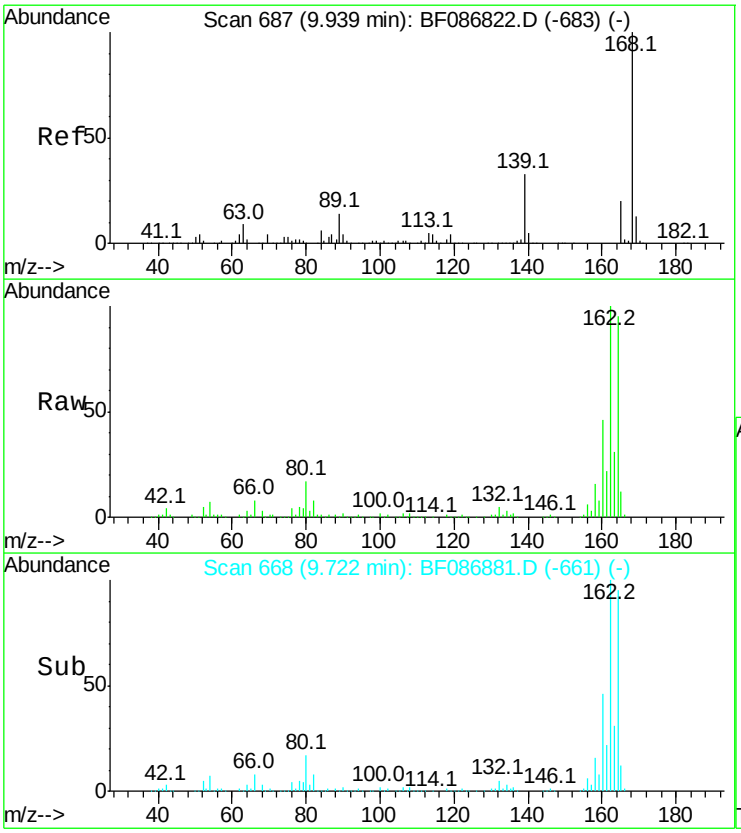
#55
4-Nitrophenol
Concen: 4.66 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.03 min
Lab File: BF086881.D
Acq: 11 May 2016 5:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 252

Ion	Ratio	Lower	Upper
139	100		
109	0.0	36.9	76.9#
65	0.0	64.0	104.0#

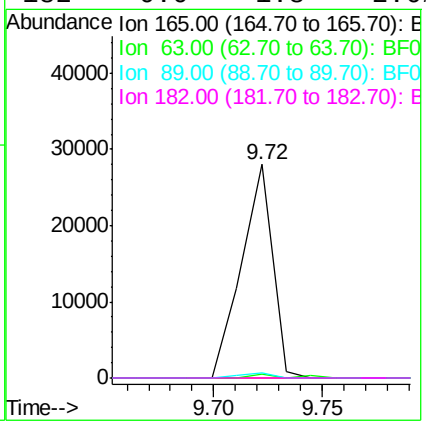


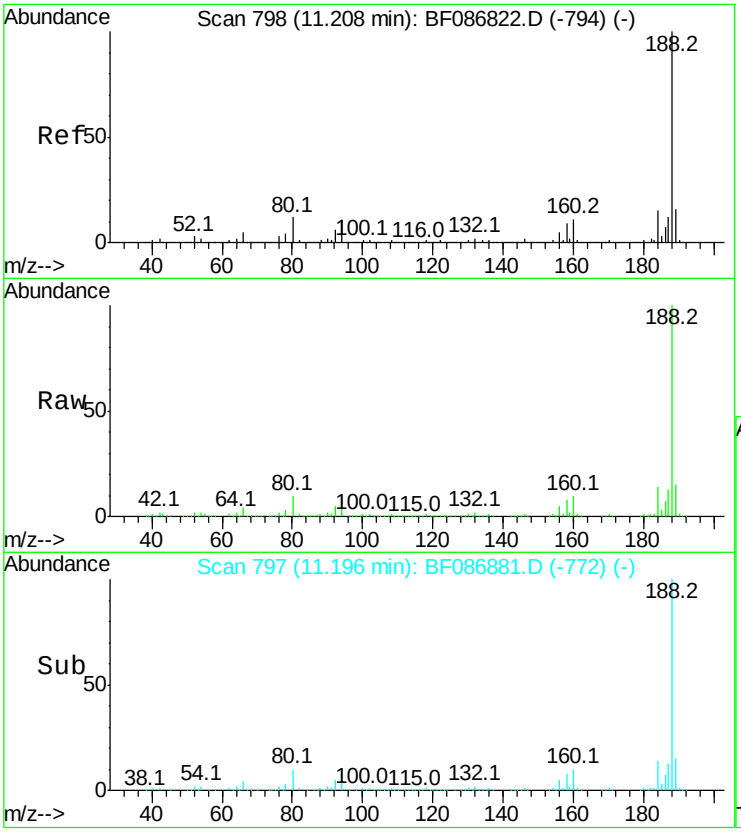


#56
2,4-Dinitrotoluene
Concen: 6.50 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.22 min
Lab File: BF086881.D
Acq: 11 May 2016 5:12

Tgt Ion:165 Resp: 27914

Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.3	66.5#
89	2.2	70.0	105.0#
182	0.0	1.8	2.6#



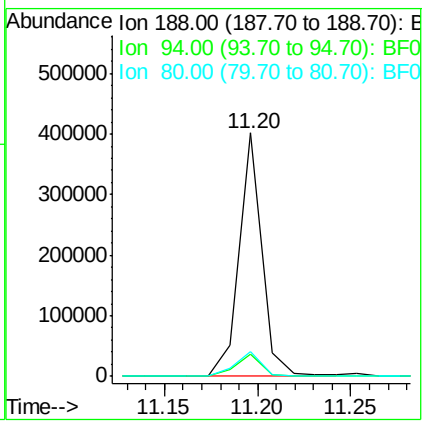


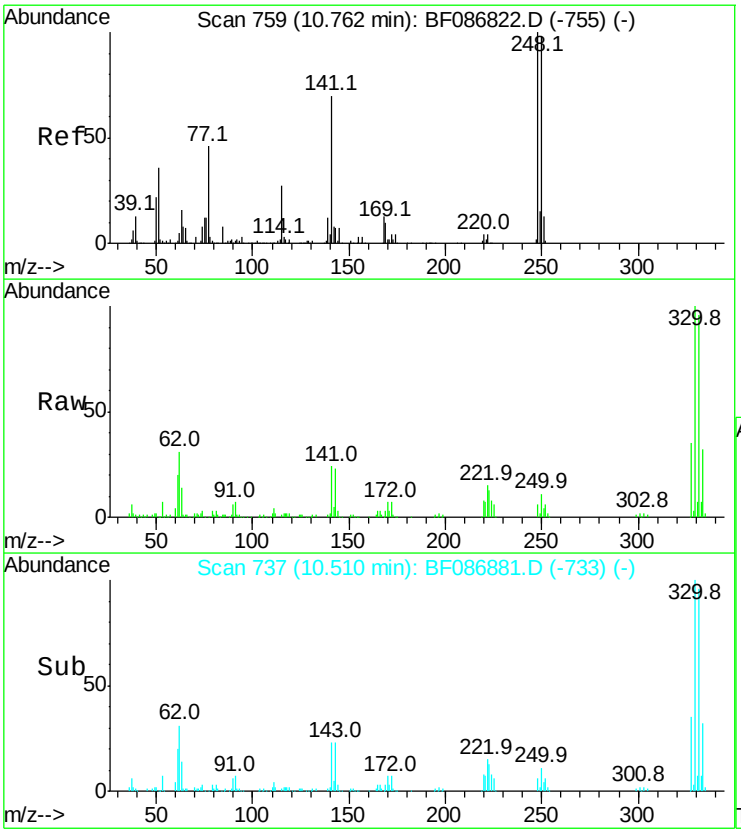
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF086881.D
Acq: 11 May 2016 5:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 345470

Ion	Ratio	Lower	Upper
188	100		
94	9.3	6.8	10.2
80	9.9	7.1	10.7

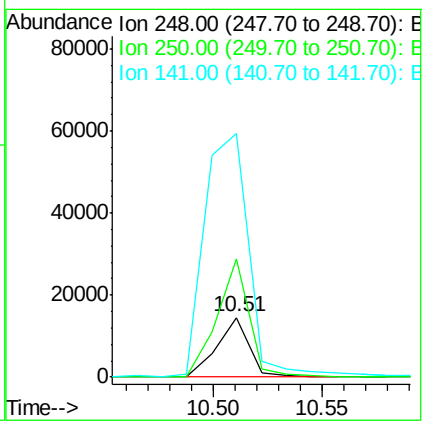


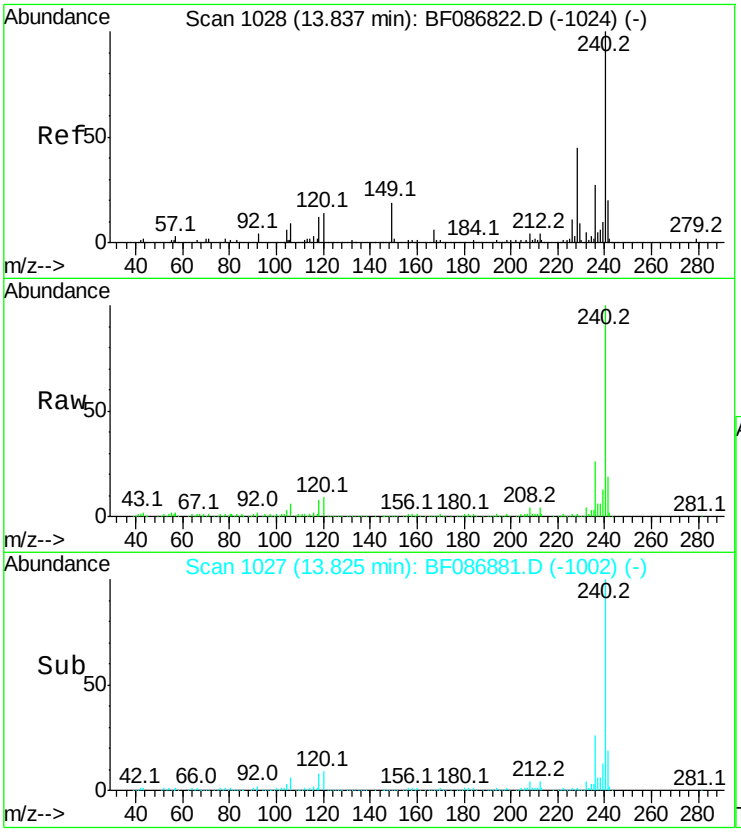


#66
4-Bromophenyl-phenylether
Concen: 4.23 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.25 min
Lab File: BF086881.D
Acq: 11 May 2016 5:12

Tgt Ion:248 Resp: 14806

Ion	Ratio	Lower	Upper
248	100		
250	197.4	78.6	117.8#
141	407.7	76.0	114.0#



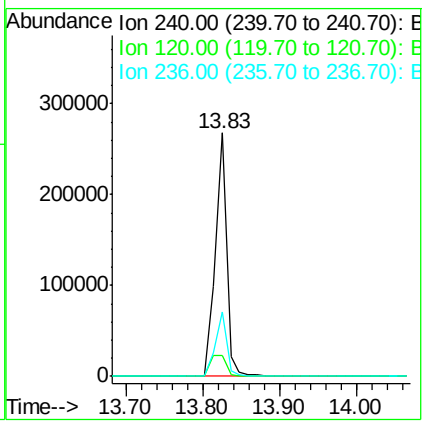


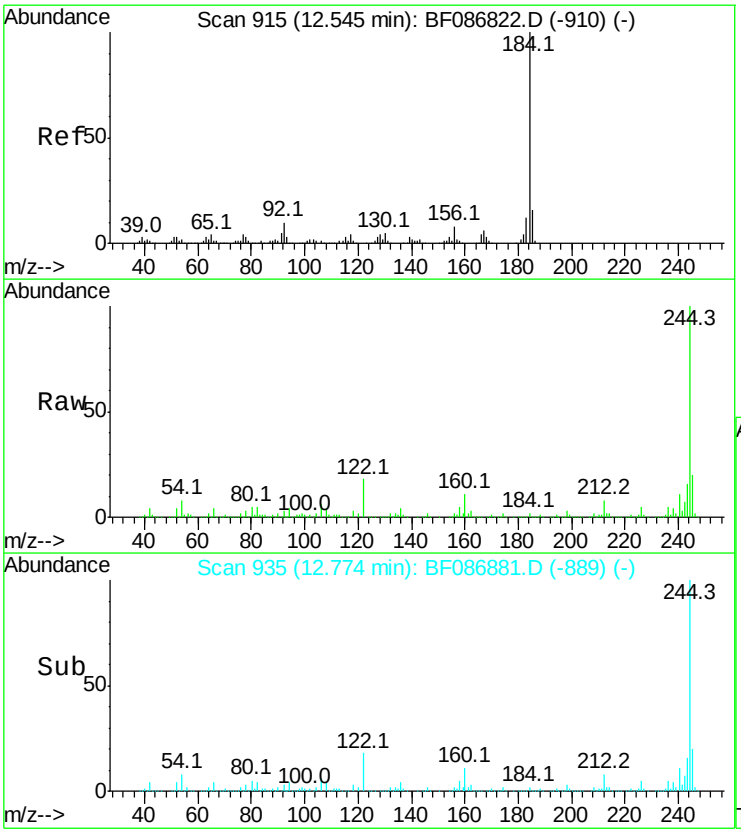
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF086881.D
Acq: 11 May 2016 5:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 275706

Ion	Ratio	Lower	Upper
240	100		
120	8.7	11.2	16.8#
236	26.2	21.2	31.8

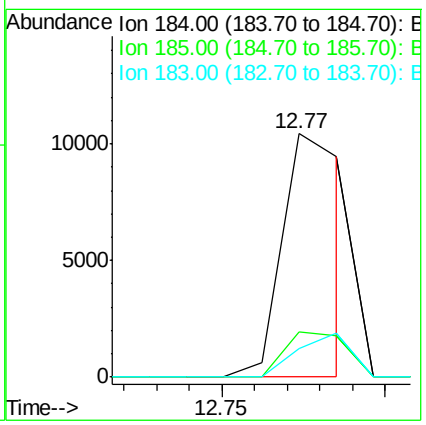


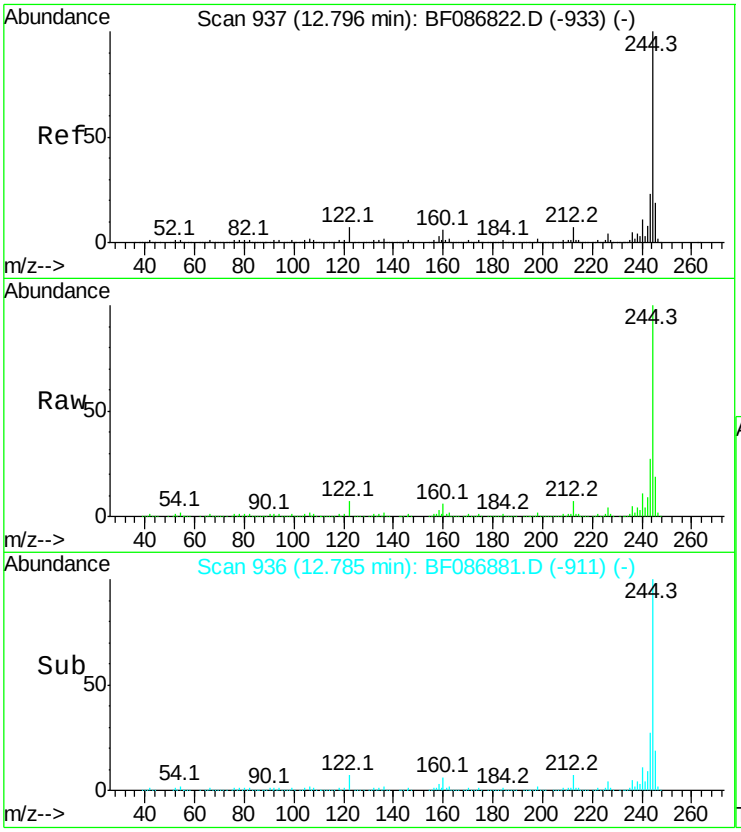


#76
Benzidine
Concen: 2.00 ng
RT: 12.77 min Scan# 935
Delta R.T. 0.23 min
Lab File: BF086881.D
Acq: 11 May 2016 5:12

Tgt Ion:184 Resp: 14065

Ion	Ratio	Lower	Upper
184	100		
185	18.4	13.6	20.4
183	11.7	9.8	14.6



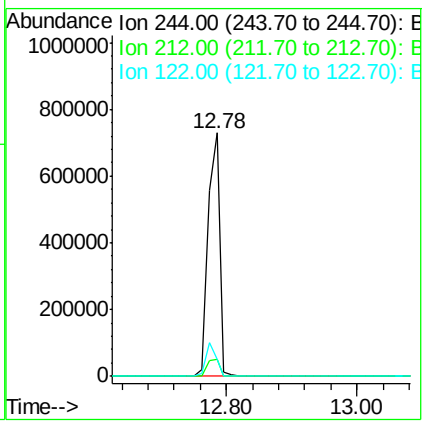


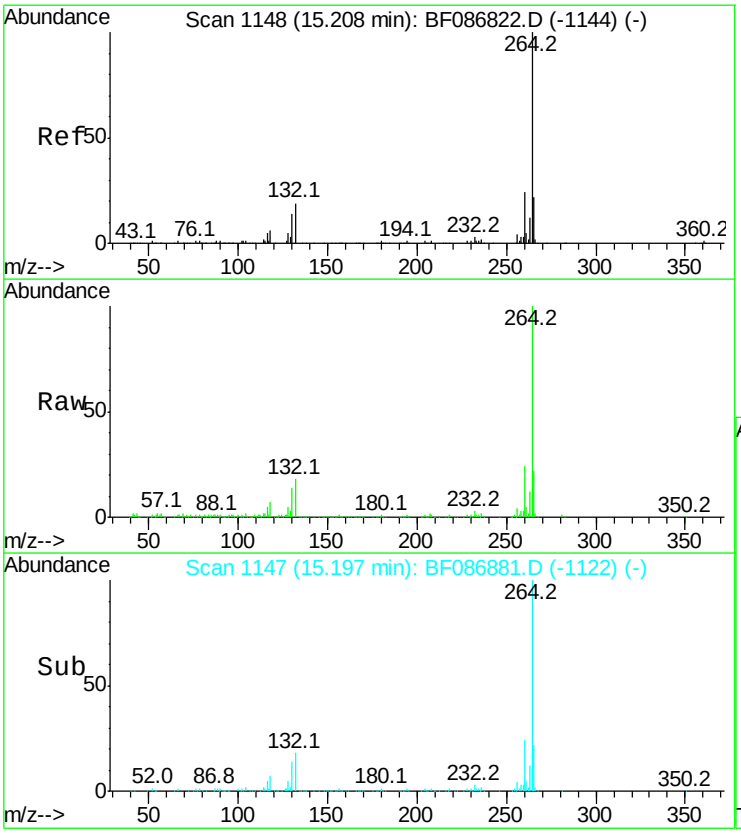
#78
Terphenyl-d14
Concen: 70.56 ng
RT: 12.78 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF086881.D
Acq: 11 May 2016 5:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 916834

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.2	9.2
122	6.9	12.0	18.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF086881.D
Acq: 11 May 2016 5:12

Tgt Ion:264 Resp: 229555

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.6	17.3	25.9