Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050616\
Data File : BF086785.D
Acq On : 7 May 2016 20:33
Operator : UM/SJ
Sample : H2831-04
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IW-1

Quant Time: May 08 02:54:52 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 07 23:59:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	177045	40.00	ng	0.00
21) Naphthalene-d8	7.98	136	659182	40.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	330134	40.00	ng	0.00
63) Phenanthrene-d10	11.22	188	499848	40.00	ng	0.00
75) Chrysene-d12	13.85	240	358539	40.00	ng	0.00
86) Perylene-d12	15.23	264	293117	40.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	769078	71.91	ng	0.00
7) Phenol-d6	6.37	99	663756	46.08	ng	0.00
23) Nitrobenzene-d5	7.28	82	1210761	94.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	402727	124.70	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1966333	97.63	ng	0.00
78) Terphenyl-d14	12.81	244	1303564	73.48	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	6.85	79	28671	3.08	ng	# 56
16) 2,2'-oxybis(1-Chloropropan	6.75	45	80239	2.89	ng	74
18) Hexachloroethane	7.28	117	46471	8.74	ng	# 8
25) Isophorone	7.28	82	868690	36.36	ng	# 68
32) Benzoic acid	7.87	122	4240	9.28	ng	# 43
36) 4-Chloro-3-methylphenol	8.64	107	23382	2.29	ng	# 28
47) 2-Nitroaniline	9.32	65	17646	2.38	ng	# 22
53) 2,4-Dinitrophenol	9.79	184	625	9.30	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.36	198	1183	5.74	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	26482	5.33	ng	# 1
76) Benzidine	12.63	184	1826	7.25	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050616\
Data File : BF086785.D
Acq On : 7 May 2016 20:33
Operator : UM/SJ
Sample : H2831-04
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IW-1

Quant Time: May 08 02:54:52 2016
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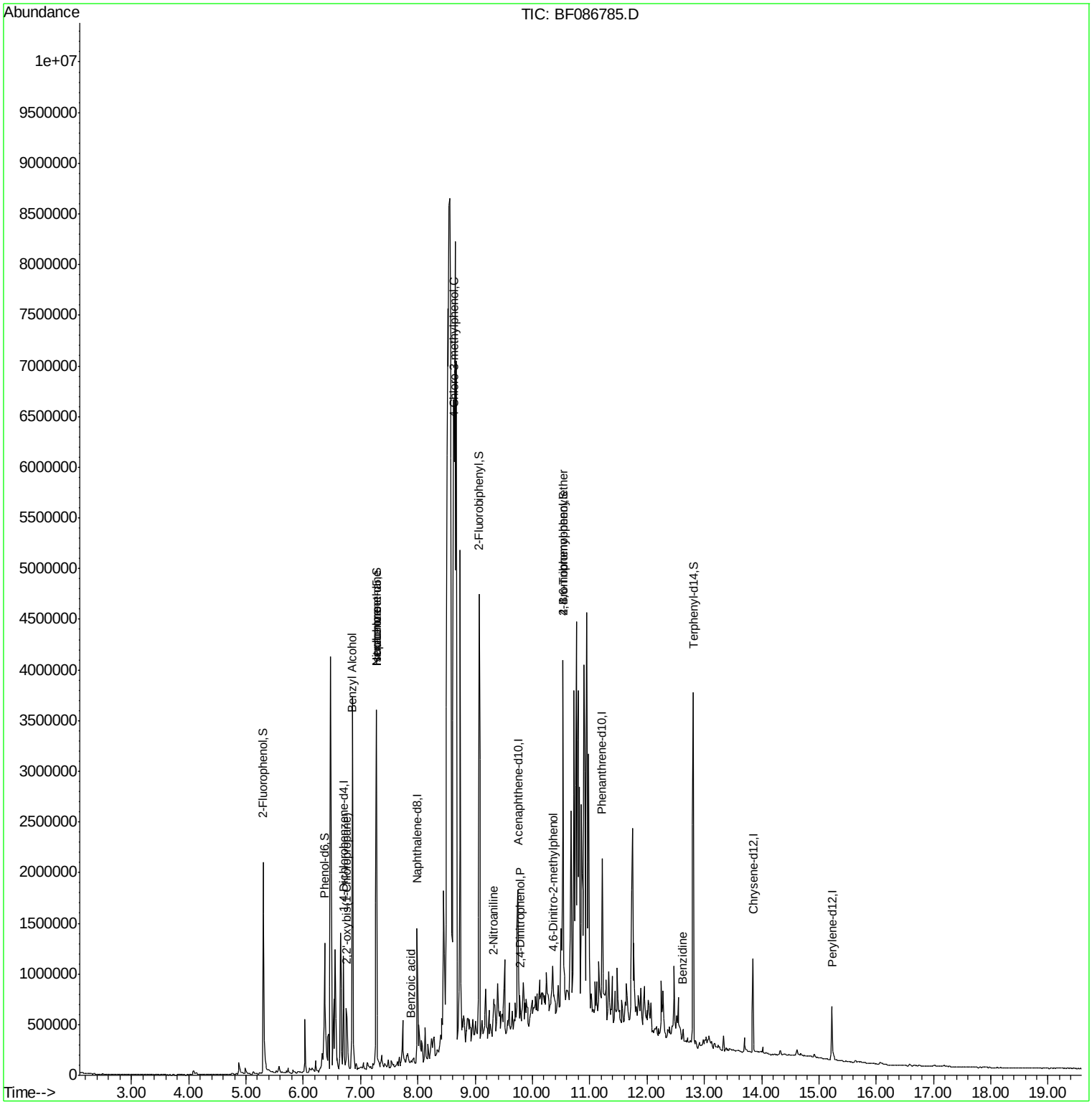
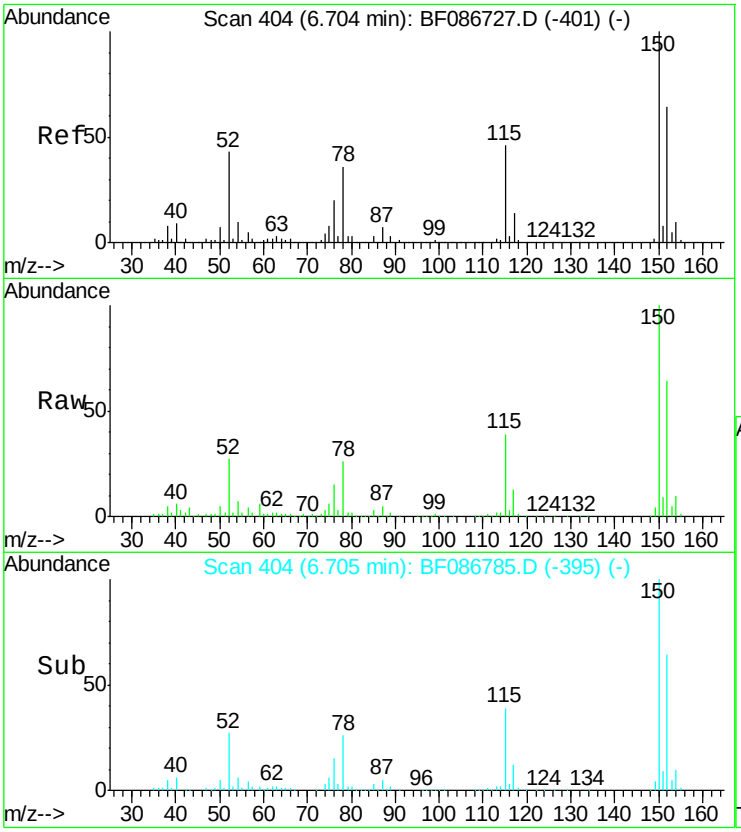


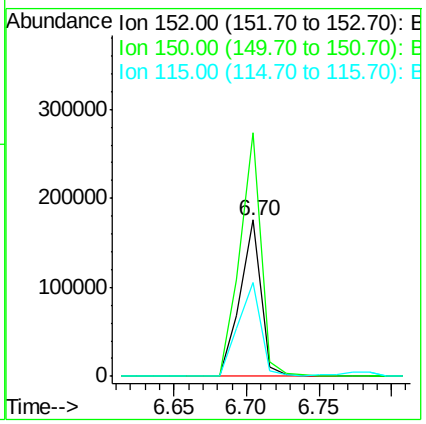


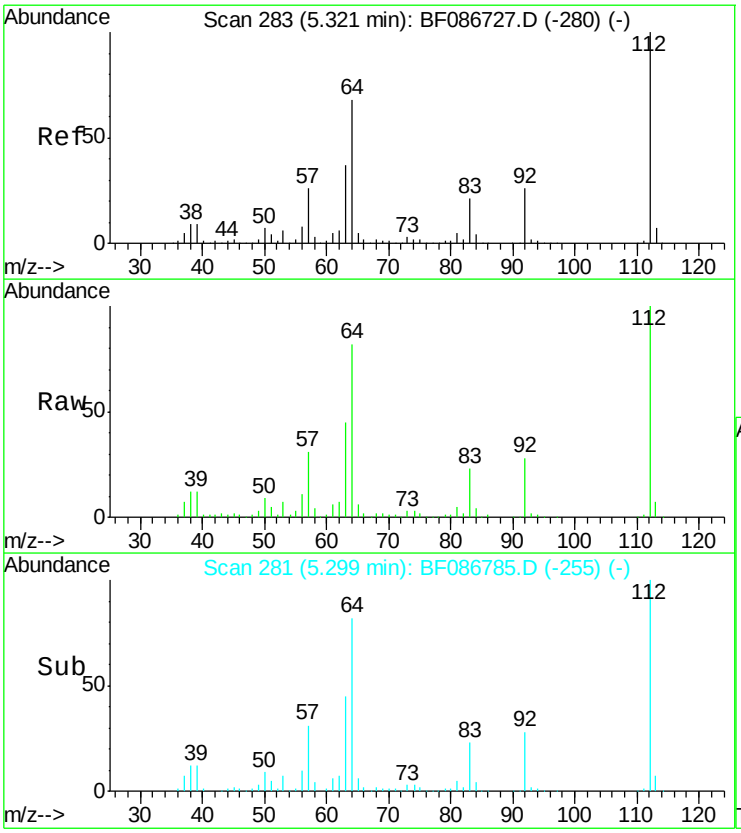
#1
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF086785.D
Acq: 7 May 2016 20:33

Instrument :
BNA_F
ClientSampleId :
IW-1

Tgt Ion:152 Resp: 177045

Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.8	188.6
115	60.3	51.5	77.3

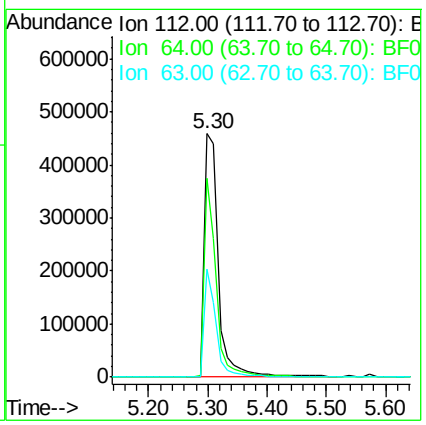


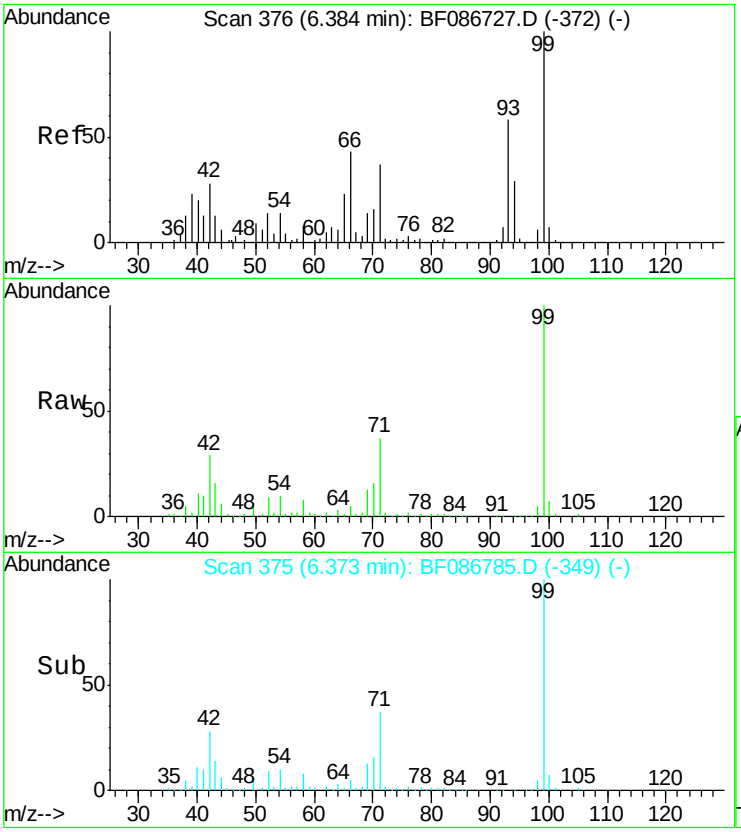


#5
2-Fluorophenol
Concen: 71.91 ng
RT: 5.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: BF086785.D
Acq: 7 May 2016 20:33

Tgt Ion:112 Resp: 769078

Ion	Ratio	Lower	Upper
112	100		
64	81.8	52.1	78.1#
63	44.5	25.7	38.5#



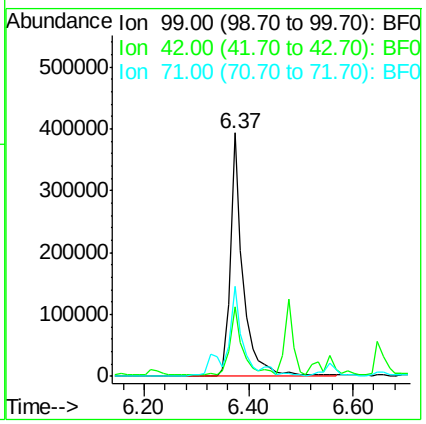


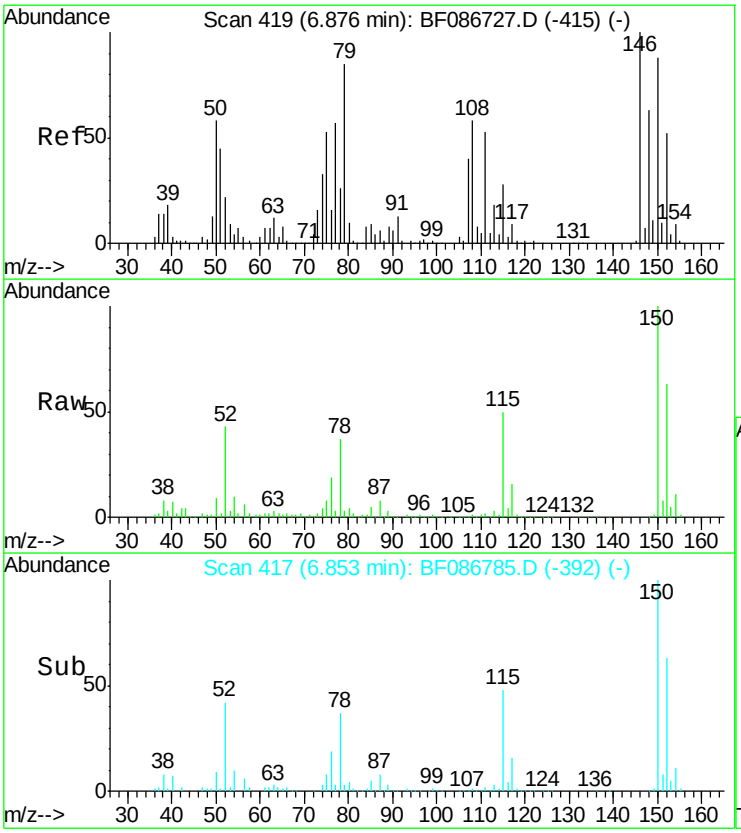
#7
Phenol-d6
Concen: 46.08 ng
RT: 6.37 min Scan# 375
Delta R.T. 0.00 min
Lab File: BF086785.D
Acq: 7 May 2016 20:33

Instrument :
BNA_F
ClientSampleId :
IW-1

Tgt Ion: 99 Resp: 663756

Ion	Ratio	Lower	Upper
99	100		
42	28.6	13.6	20.4#
71	36.7	24.6	36.8

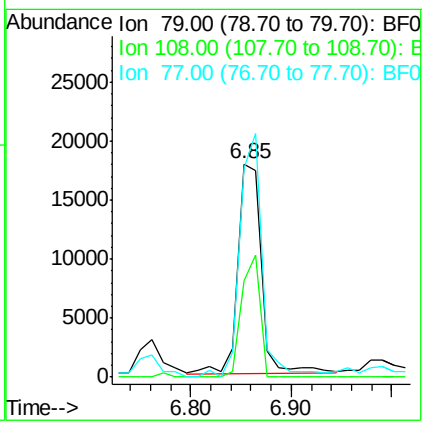


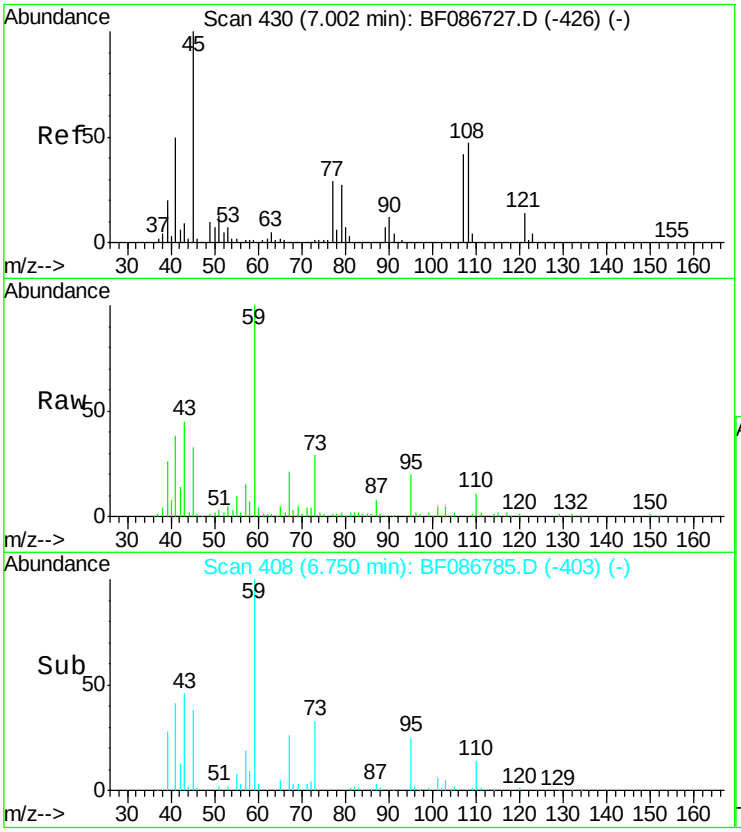


#15
Benzyl Alcohol
Concen: 3.08 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF086785.D
Acq: 7 May 2016 20:33

Tgt Ion: 79 Resp: 28671

Ion	Ratio	Lower	Upper
79	100		
108	45.2	68.4	102.6#
77	98.0	50.6	76.0#



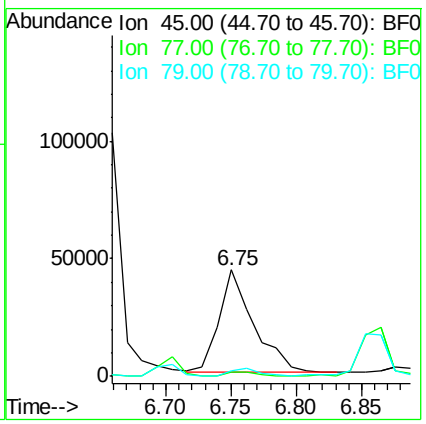


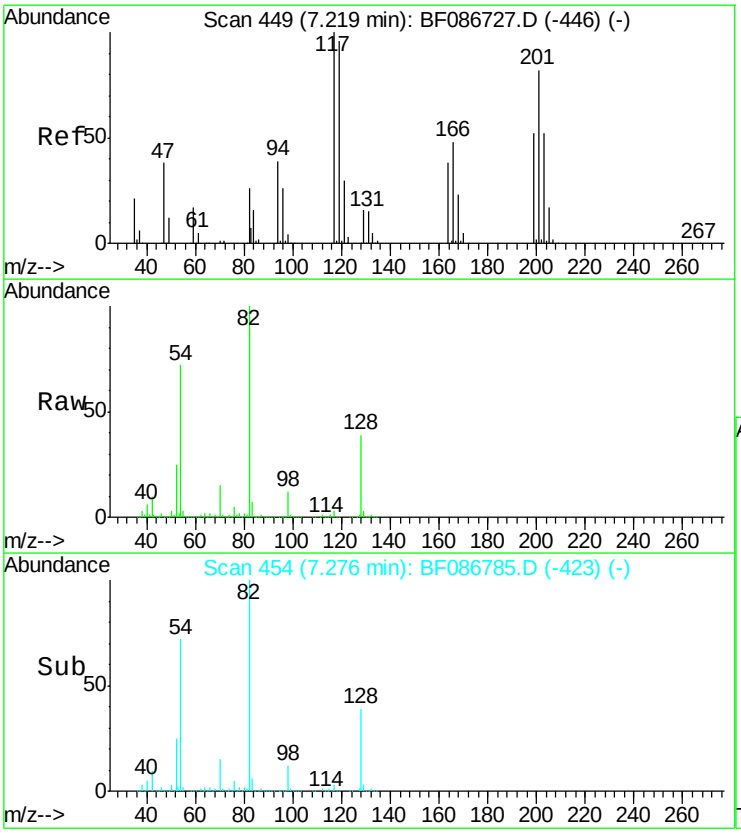
#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.89 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.24 min
Lab File: BF086785.D
Acq: 7 May 2016 20:33

Instrument :
BNA_F
ClientSampleId :
IW-1

Tgt Ion: 45 Resp: 80239

Ion	Ratio	Lower	Upper
45	100		
77	3.4	0.0	36.4
79	5.2	0.0	33.4

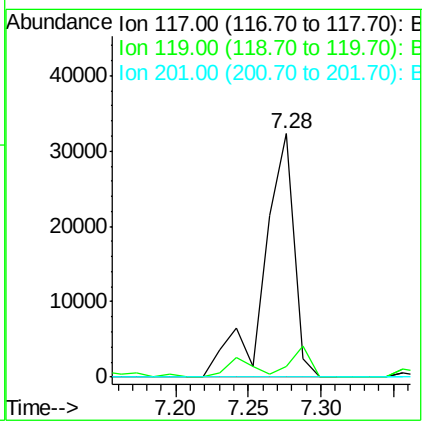


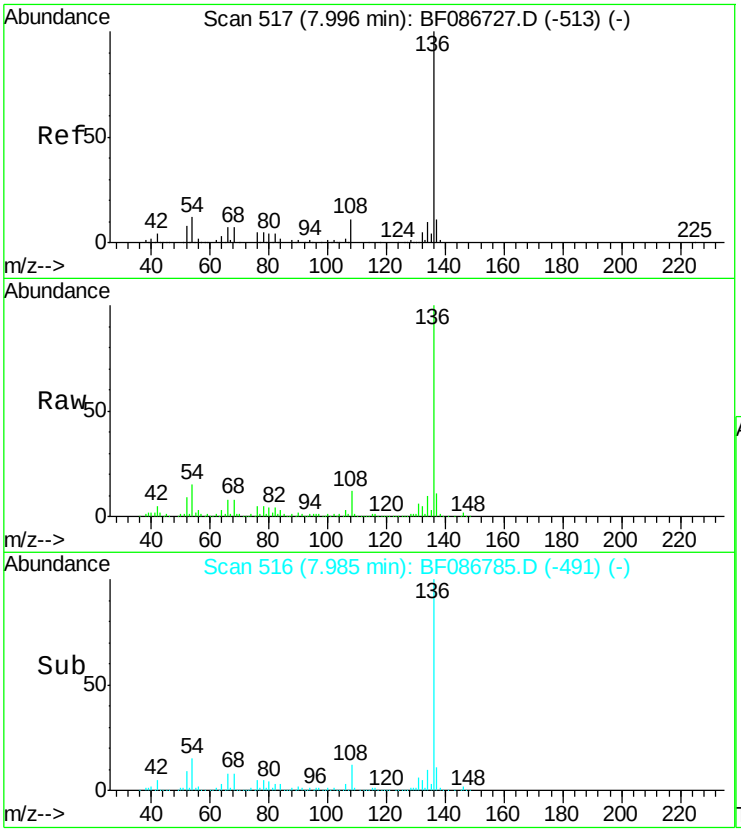


#18
Hexachloroethane
Concen: 8.74 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.06 min
Lab File: BF086785.D
Acq: 7 May 2016 20:33

Tgt Ion:117 Resp: 46471

Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.5	114.7#
201	0.0	63.0	94.6#



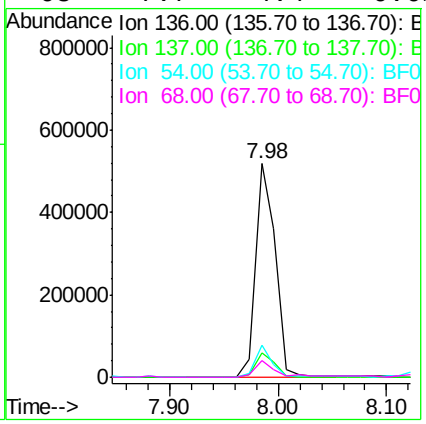


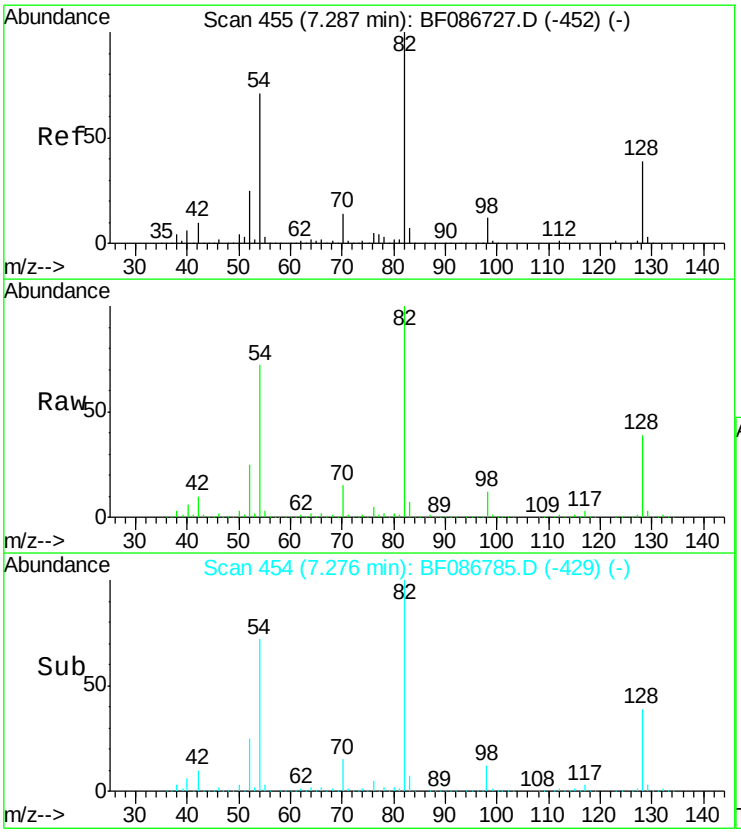
#21
Naphthalene-d8
Concen: 40.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF086785.D
Acq: 7 May 2016 20:33

Instrument :
BNA_F
ClientSampleId :
IW-1

Tgt Ion:136 Resp: 659182

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	15.1	5.0	7.4#
68	7.7	4.4	6.6#

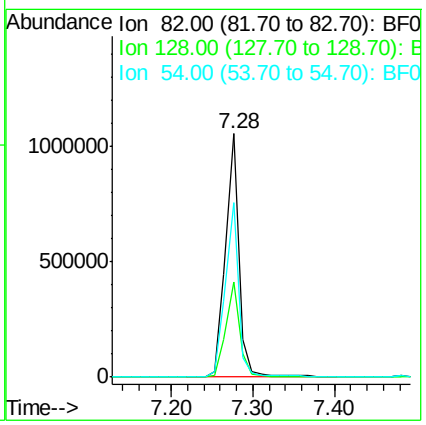


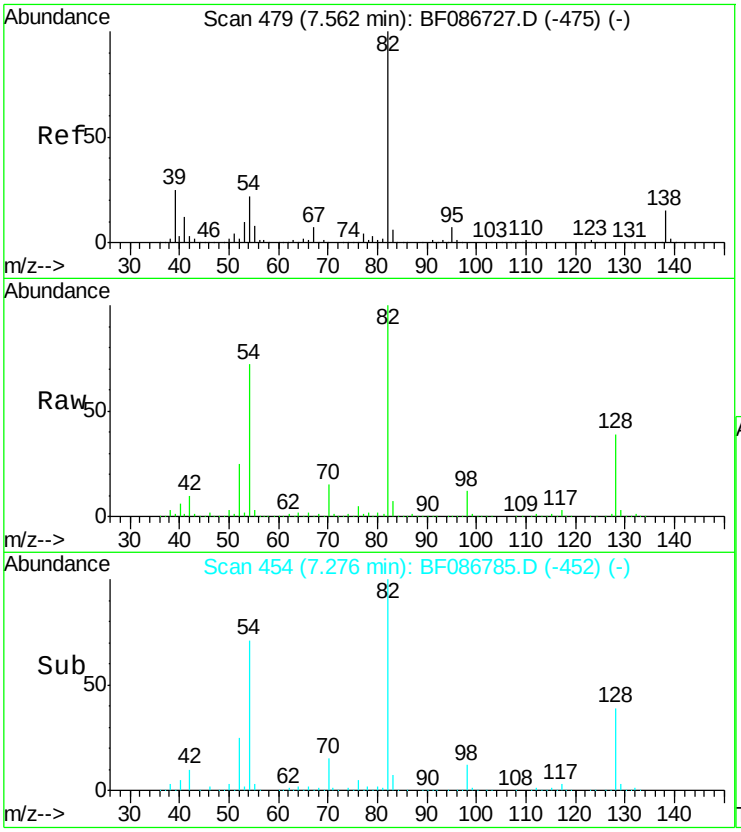


#23
Nitrobenzene-d5
Concen: 94.39 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF086785.D
Acq: 7 May 2016 20:33

Tgt Ion: 82 Resp: 1210761

Ion	Ratio	Lower	Upper
82	100		
128	39.0	40.6	61.0#
54	71.6	38.1	57.1#



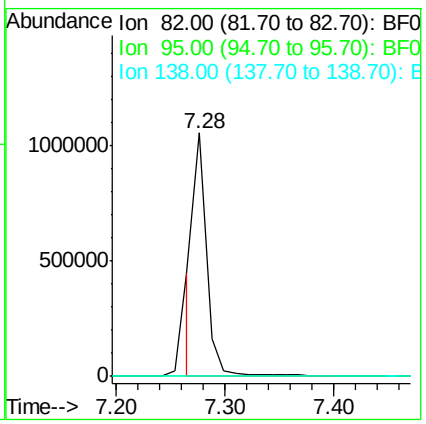


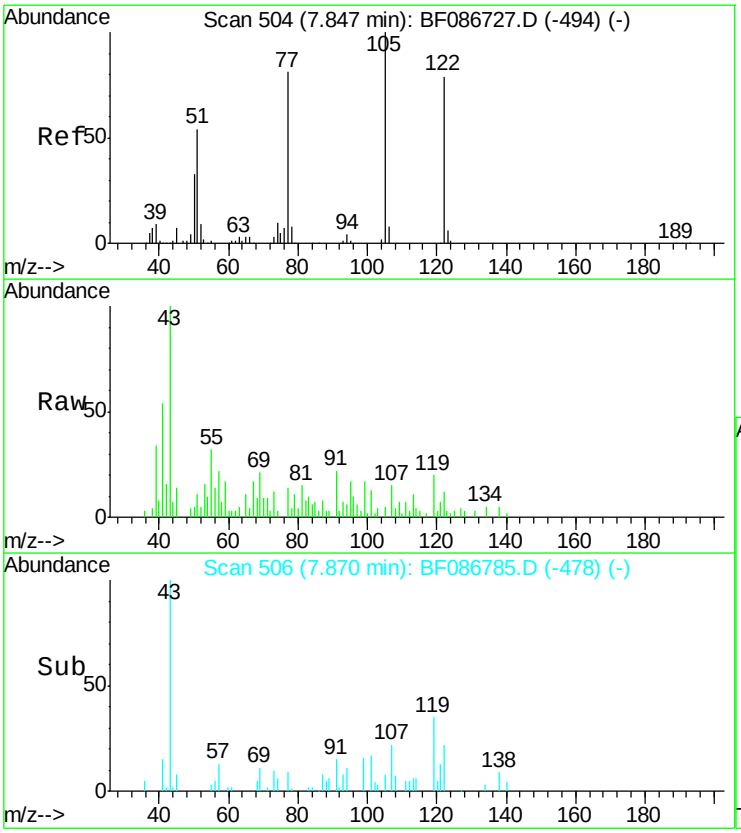
#25
Isophorone
Concen: 36.36 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.27 min
Lab File: BF086785.D
Acq: 7 May 2016 20:33

Instrument :
BNA_F
ClientSampleId :
IW-1

Tgt Ion: 82 Resp: 868690

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.1	7.7#
138	0.0	12.4	18.6#

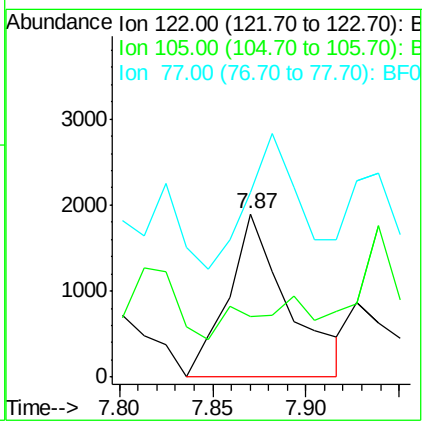


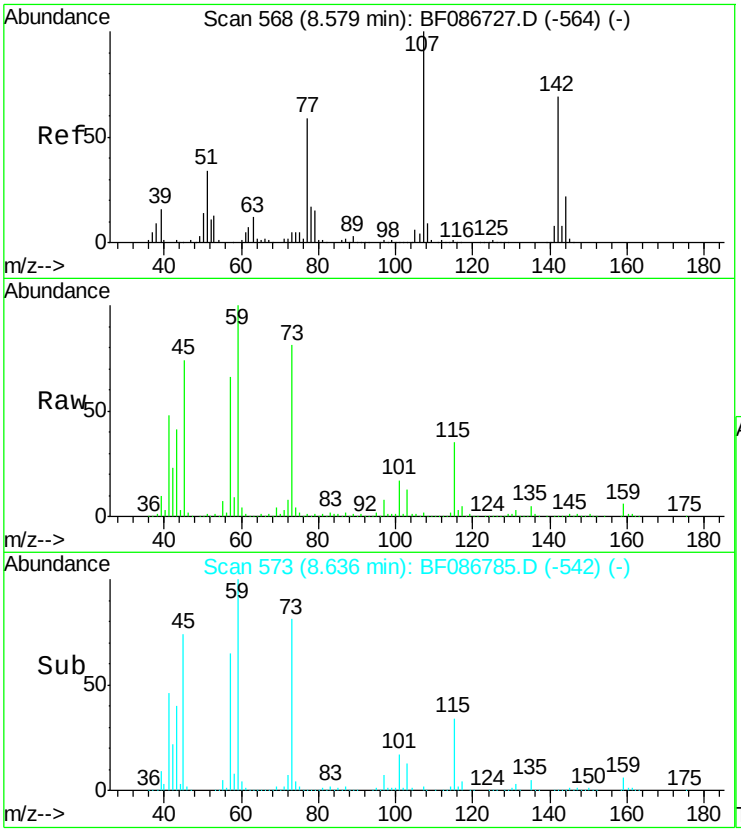


#32
Benzoic acid
Concen: 9.28 ng
RT: 7.87 min Scan# 506
Delta R.T. 0.02 min
Lab File: BF086785.D
Acq: 7 May 2016 20:33

Tgt Ion:122 Resp: 4240

Ion	Ratio	Lower	Upper
122	100		
105	36.9	92.6	132.6#
77	113.1	60.0	100.0#



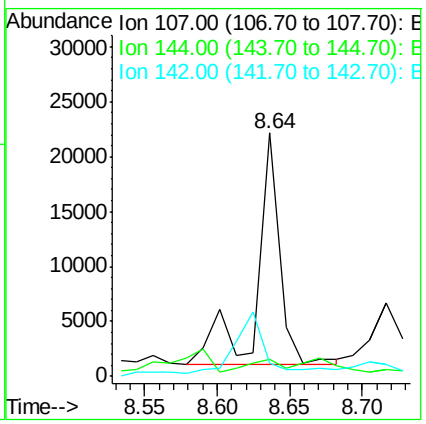


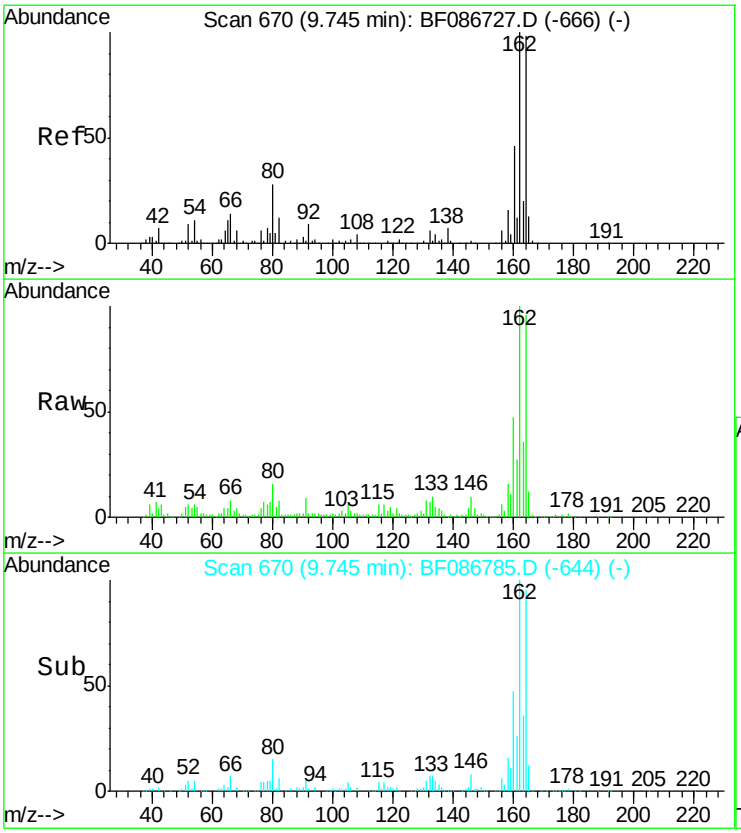
#36
4-Chloro-3-methylphenol
Concen: 2.29 ng
RT: 8.64 min Scan# 573
Delta R.T. 0.06 min
Lab File: BF086785.D
Acq: 7 May 2016 20:33

Instrument :
BNA_F
ClientSampleId :
IW-1

Tgt Ion:107 Resp: 23382

Ion	Ratio	Lower	Upper
107	100		
144	6.8	20.7	31.1#
142	5.5	63.2	94.8#

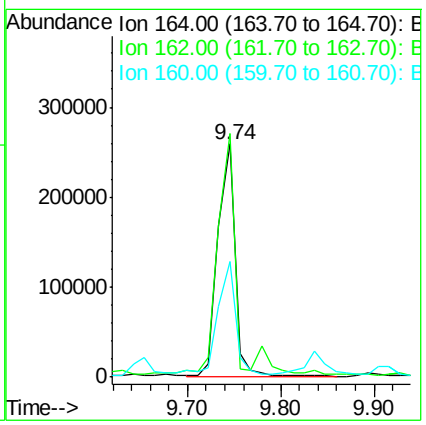


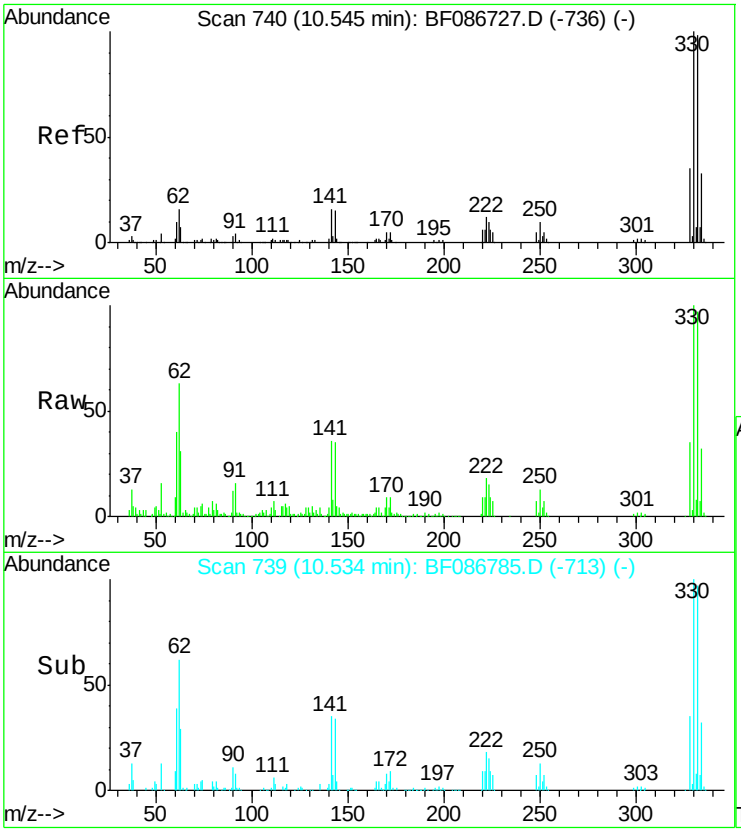


#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF086785.D
Acq: 7 May 2016 20:33

Tgt Ion:164 Resp: 330134

Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.8	124.2
160	49.4	36.9	55.3



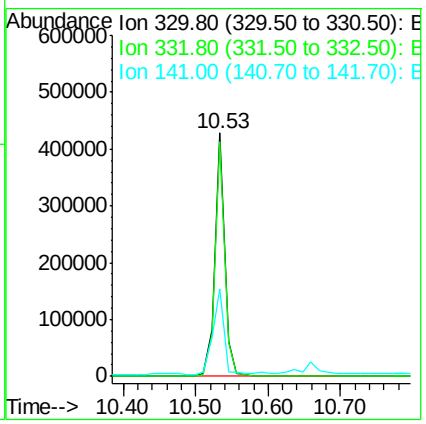


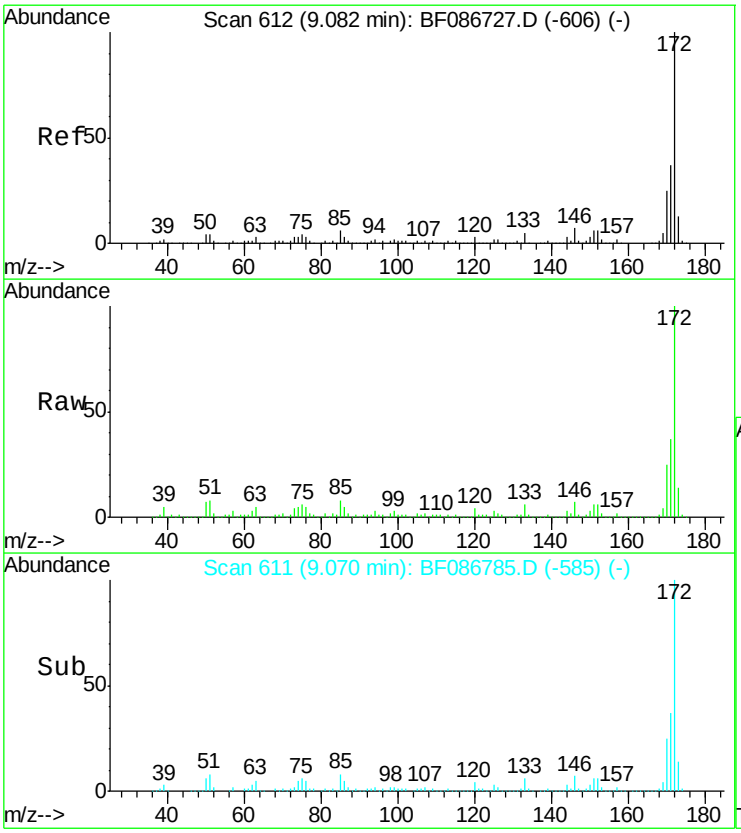
#41
2,4,6-Tribromophenol
Concen: 124.70 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF086785.D
Acq: 7 May 2016 20:33

Instrument :
BNA_F
ClientSampleId :
IW-1

Tgt Ion:330 Resp: 402727

Ion	Ratio	Lower	Upper
330	100		
332	96.0	79.0	118.4
141	39.5	31.2	46.8

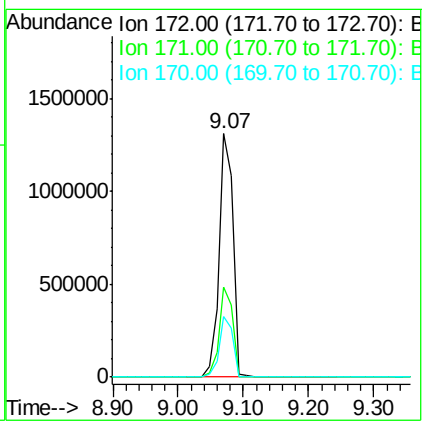


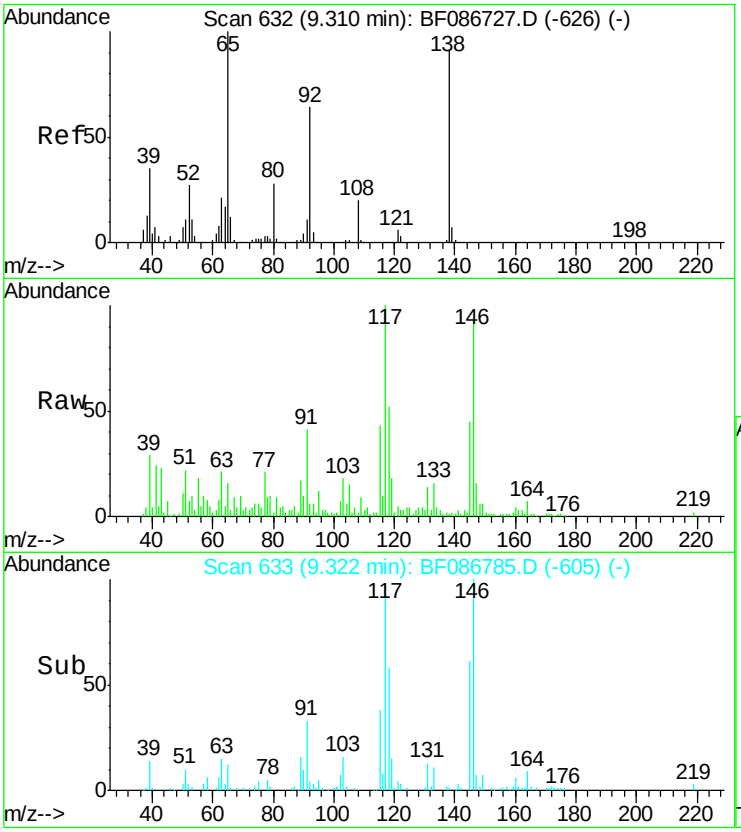


#44
2-Fluorobiphenyl
Concen: 97.63 ng
RT: 9.07 min Scan# 611
Delta R.T. 0.00 min
Lab File: BF086785.D
Acq: 7 May 2016 20:33

Tgt Ion:172 Resp: 1966333

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	24.7	19.8	29.8



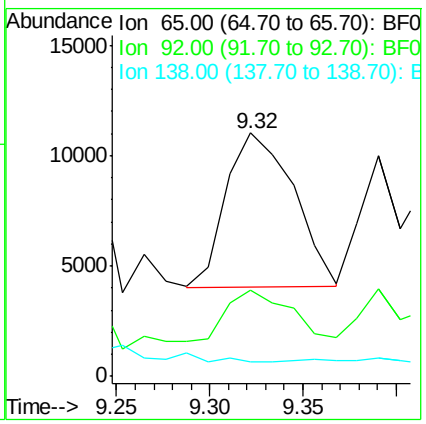


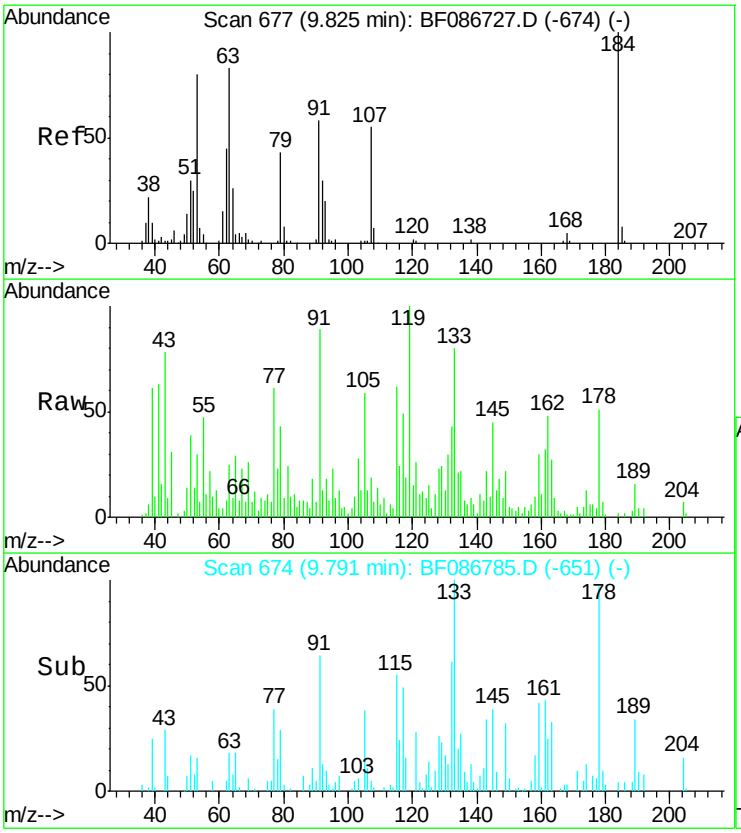
#47
2-Nitroaniline
Concen: 2.38 ng
RT: 9.32 min Scan# 633
Delta R.T. 0.02 min
Lab File: BF086785.D
Acq: 7 May 2016 20:33

Instrument :
BNA_F
ClientSampleId :
IW-1

Tgt Ion: 65 Resp: 17646

Ion	Ratio	Lower	Upper
65	100		
92	35.4	57.4	86.2#
138	5.8	90.1	135.1#

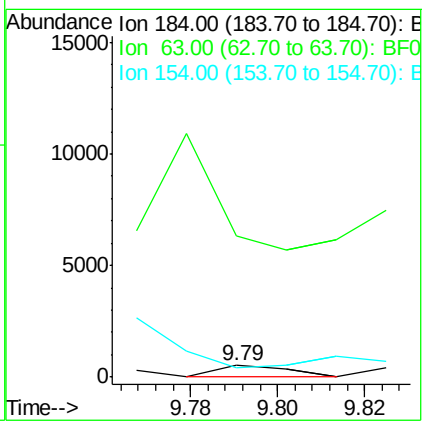


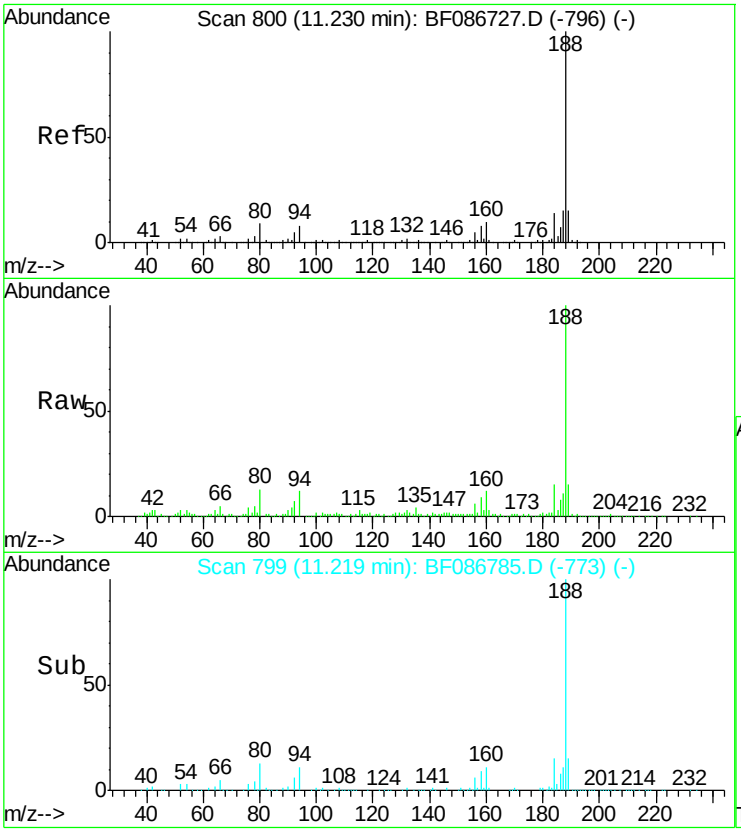


#53
2,4-Dinitrophenol
Concen: 9.30 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.03 min
Lab File: BF086785.D
Acq: 7 May 2016 20:33

Tgt Ion:184 Resp: 625

Ion	Ratio	Lower	Upper
184	100		
63	1219.4	55.8	83.8#
154	83.7	62.4	93.6



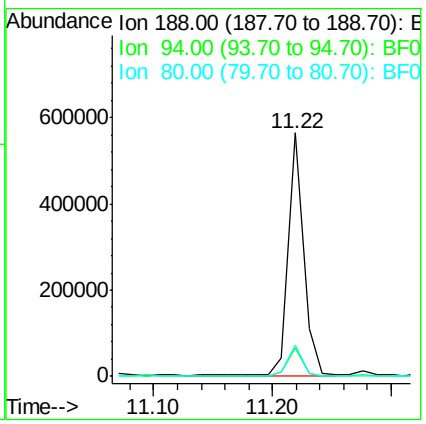


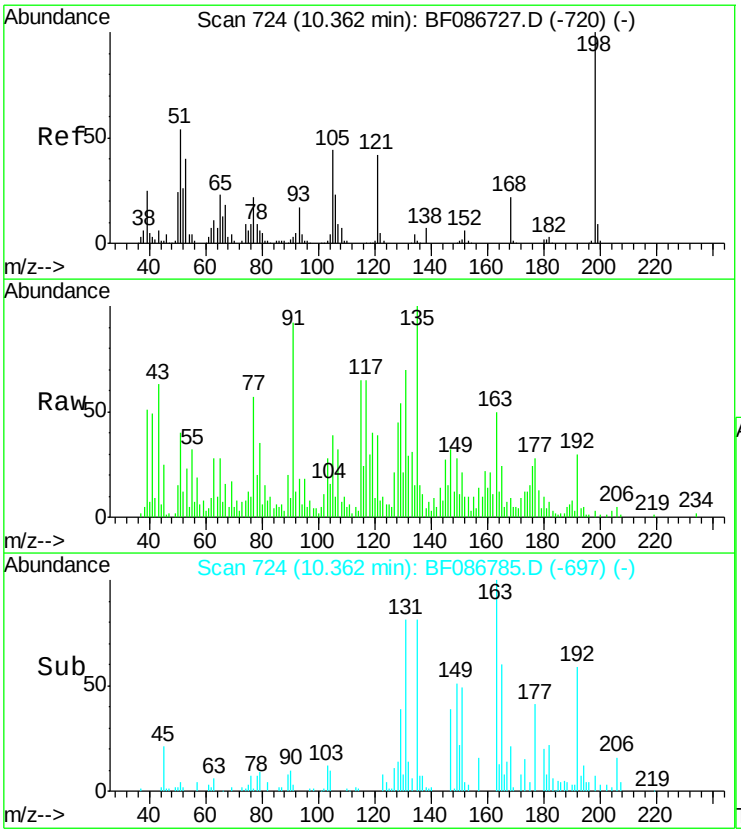
#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF086785.D
Acq: 7 May 2016 20:33

Instrument :
BNA_F
ClientSampleId :
IW-1

Tgt Ion:188 Resp: 499848

Ion	Ratio	Lower	Upper
188	100		
94	11.8	6.8	10.2#
80	12.8	7.1	10.7#

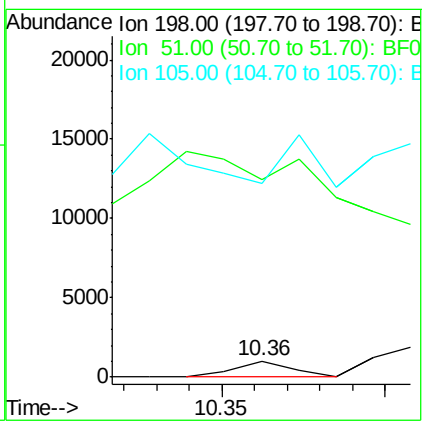


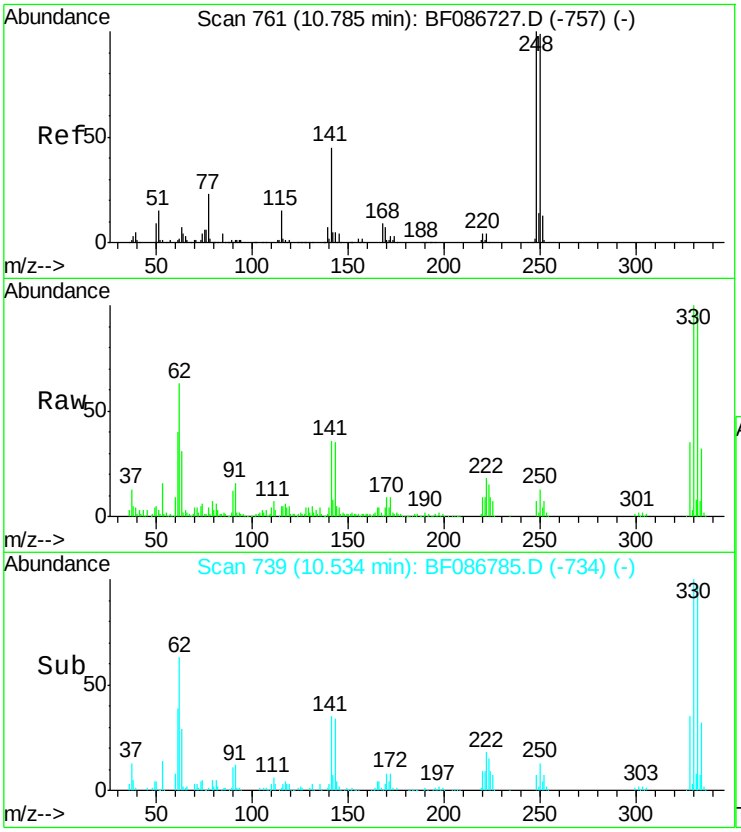


#64
4,6-Dinitro-2-methylphenol
Concen: 5.74 ng
RT: 10.36 min Scan# 724
Delta R.T. 0.01 min
Lab File: BF086785.D
Acq: 7 May 2016 20:33

Tgt Ion:198 Resp: 1183

Ion	Ratio	Lower	Upper
198	100		
51	1231.6	20.5	60.5#
105	1201.2	24.5	64.5#



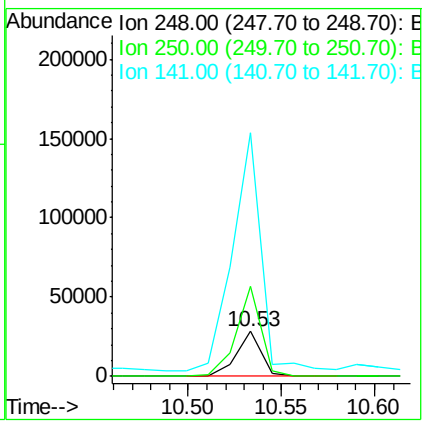


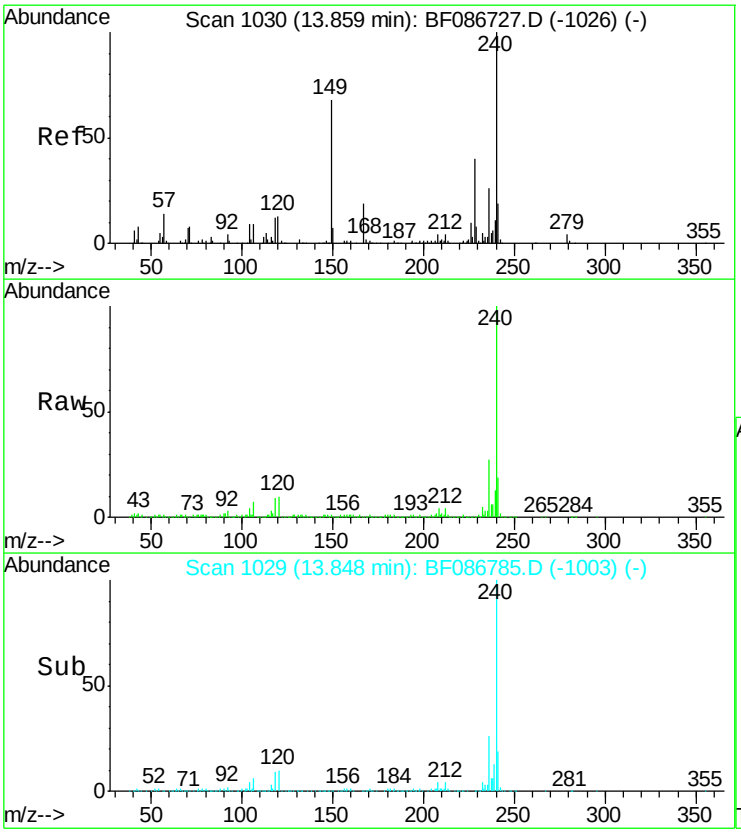
#66
4-Bromophenyl-phenylether
Concen: 5.33 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.24 min
Lab File: BF086785.D
Acq: 7 May 2016 20:33

Instrument :
BNA_F
ClientSampleId :
IW-1

Tgt Ion:248 Resp: 26482

Ion	Ratio	Lower	Upper
248	100		
250	201.8	78.6	117.8#
141	543.0	76.0	114.0#

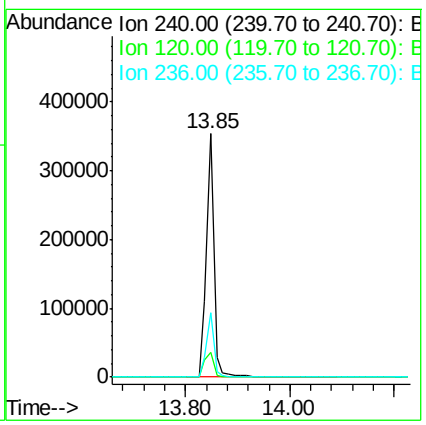


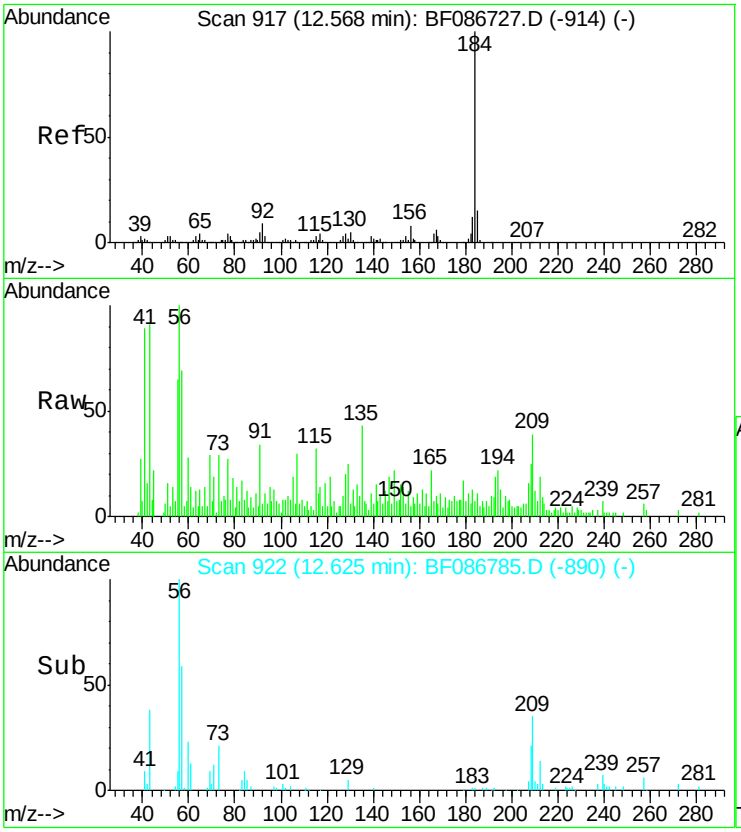


#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF086785.D
Acq: 7 May 2016 20:33

Tgt Ion:240 Resp: 358539

Ion	Ratio	Lower	Upper
240	100		
120	10.1	11.2	16.8#
236	26.6	21.2	31.8



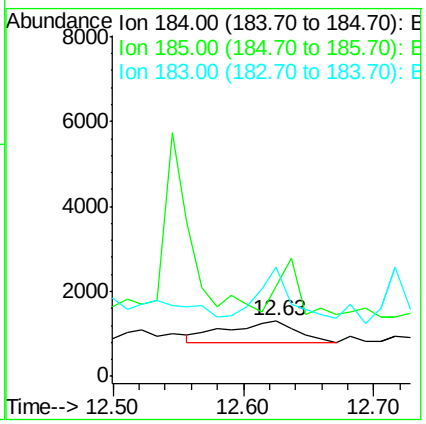


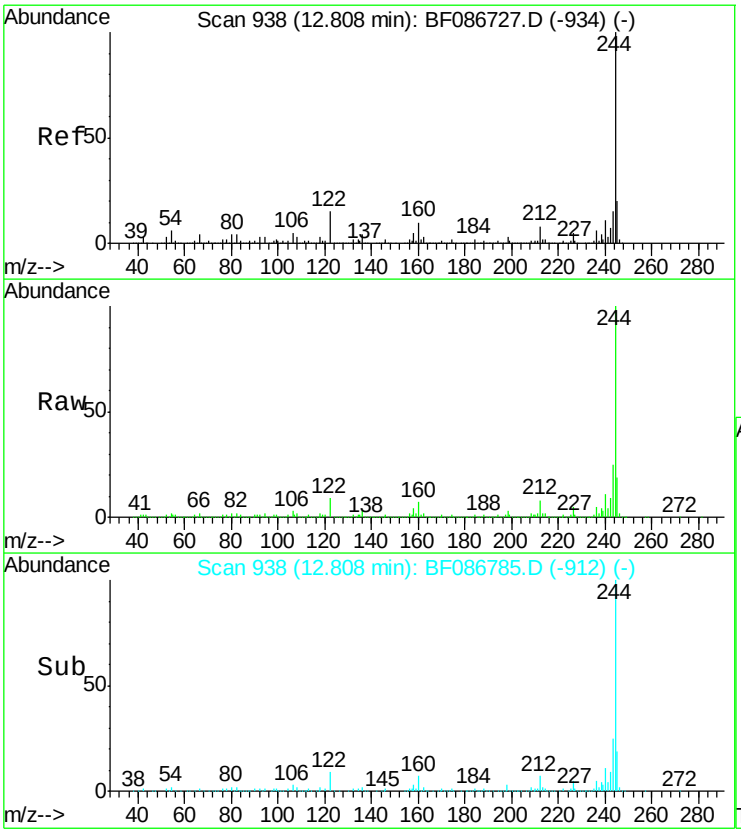
#76
Benzidine
Concen: 7.25 ng
RT: 12.63 min Scan# 922
Delta R.T. 0.07 min
Lab File: BF086785.D
Acq: 7 May 2016 20:33

Instrument :
BNA_F
ClientSampleId :
IW-1

Tgt Ion:184 Resp: 1826

Ion	Ratio	Lower	Upper
184	100		
185	160.7	13.6	20.4#
183	195.8	9.8	14.6#

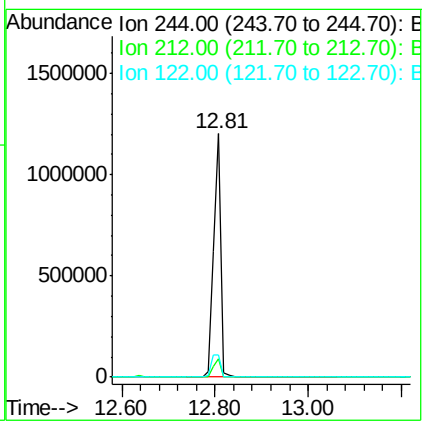


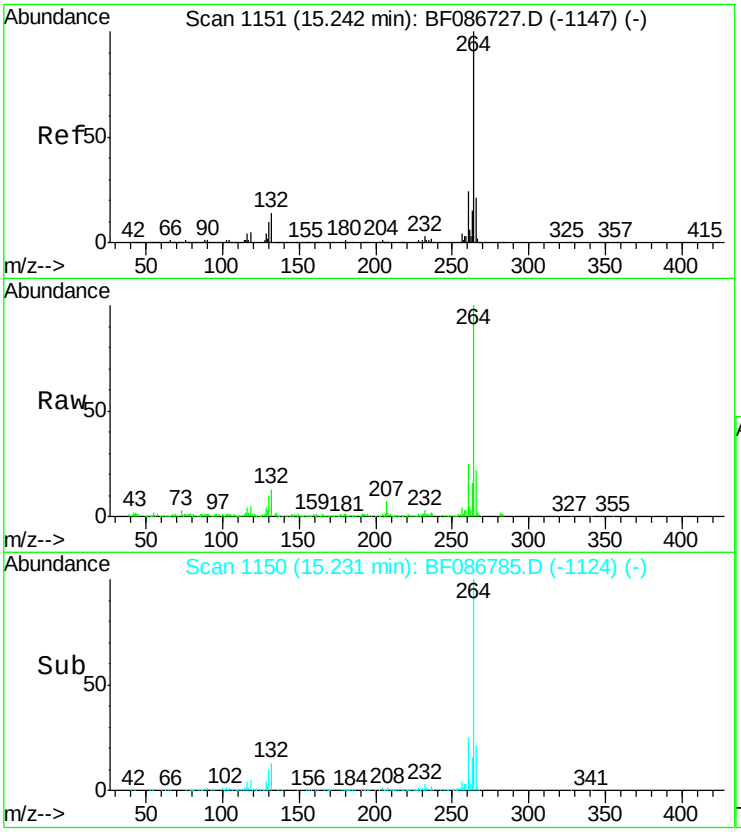


#78
Terphenyl-d14
Concen: 73.48 ng
RT: 12.81 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF086785.D
Acq: 7 May 2016 20:33

Tgt Ion:244 Resp: 1303564

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	8.9	12.0	18.0#





#86
Perylene-d12
Concen: 40.00 ng
RT: 15.23 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF086785.D
Acq: 7 May 2016 20:33

Instrument :
BNA_F
ClientSampleId :
IW-1

Tgt Ion:264 Resp: 293117

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.5	17.3	25.9