Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
Data File : BF086907.D
Acq On : 12 May 2016 00:29
Operator : UM/SJ
Sample : H2965-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-19(11.5-12)

Quant Time: May 12 01:45:41 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 01:06:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	138568	20.00	ng		-0.01
21) Naphthalene-d8	7.92	136	590205	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	270435	20.00	ng		-0.01
63) Phenanthrene-d10	11.14	188	466904	20.00	ng		-0.01
75) Chrysene-d12	13.77	240	301651	20.00	ng		-0.01
86) Perylene-d12	15.13	264	272335	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	1290062	157.67	ng		0.01
7) Phenol-d6	6.30	99	1500049	137.17	ng		-0.01
23) Nitrobenzene-d5	7.21	82	1191519	101.37	ng		-0.01
41) 2,4,6-Tribromophenol	10.46	330	363076	126.82	ng		-0.01
44) 2-Fluorobiphenyl	9.00	172	1696744	105.45	ng		0.00
78) Terphenyl-d14	12.73	244	1265996	89.05	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	6.79	79	18195	2.41	ng	#	41
19) n-Nitroso-di-n-propylamine	7.21	70	166988	21.85	ng	#	79
49) Dimethylphthalate	9.40	163	177350	8.60	ng		98
55) 4-Nitrophenol	9.87	139	487	4.71	ng	#	14
56) 2,4-Dinitrotoluene	9.67	165	33845	6.30	ng	#	16
66) 4-Bromophenyl-phenylether	10.46	248	22429	4.74	ng	#	1
74) Fluoranthene	12.35	202	64308	2.51	ng		91
77) Pyrene	12.57	202	63804	2.76	ng		98
88) Benzo(k)fluoranthene	14.77	252	30904	2.13	ng	#	94

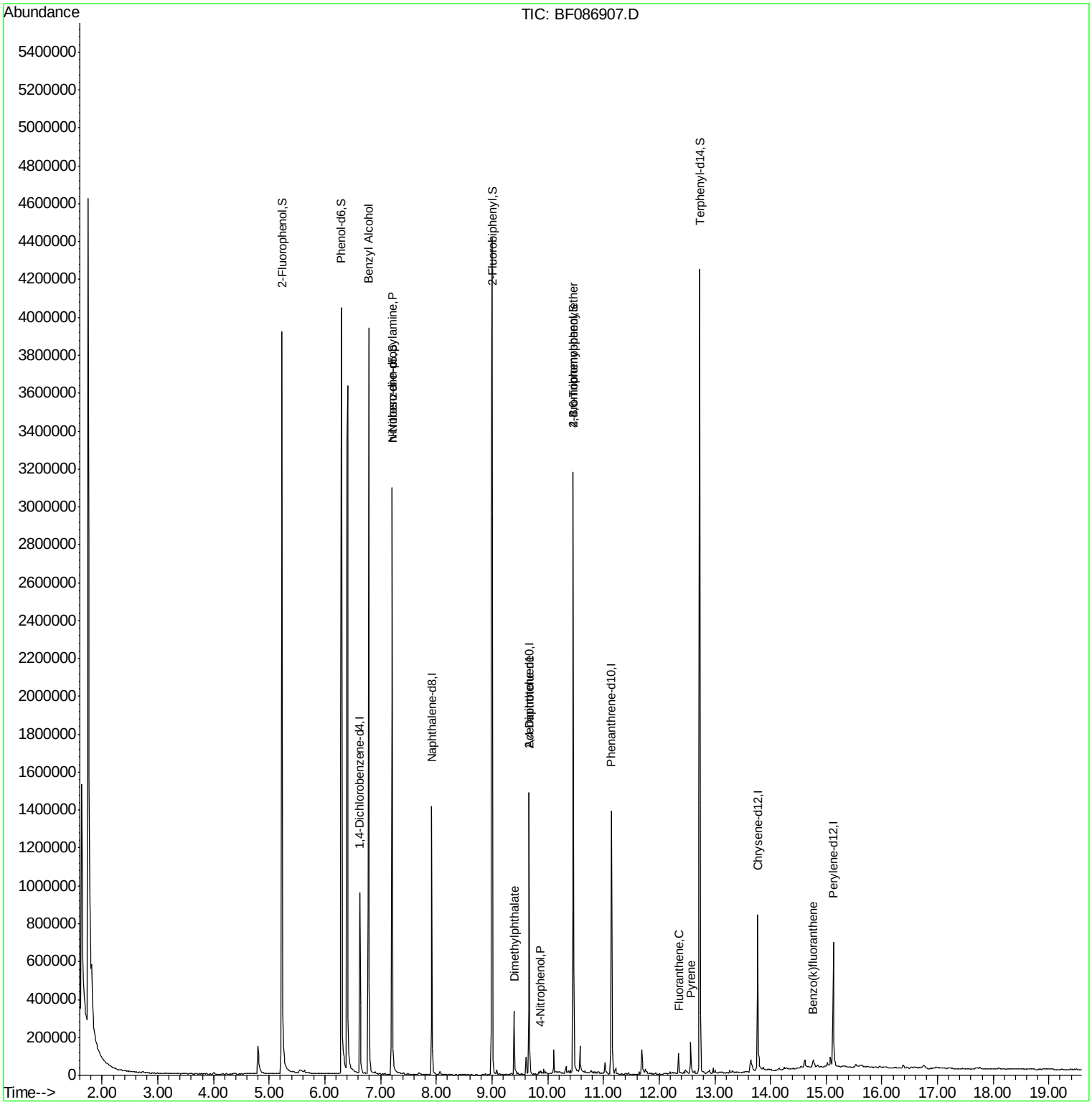
(#) = qualifier out of range (m) = manual integration (+) = signals summed

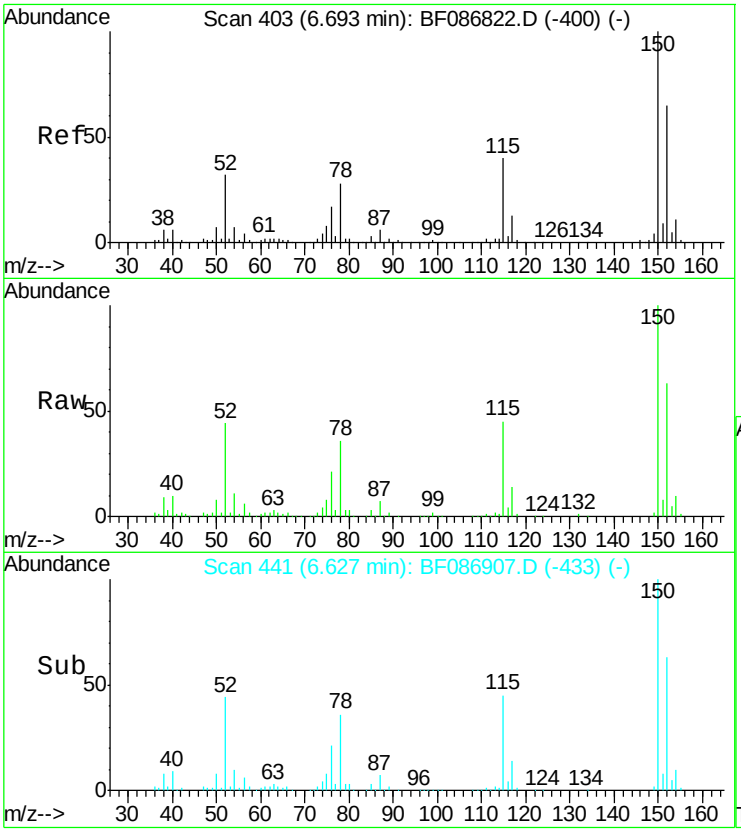
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
Data File : BF086907.D
Acq On : 12 May 2016 00:29
Operator : UM/SJ
Sample : H2965-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E-19(11.5-12)

Quant Time: May 12 01:45:41 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 01:06:48 2016
Response via : Initial Calibration



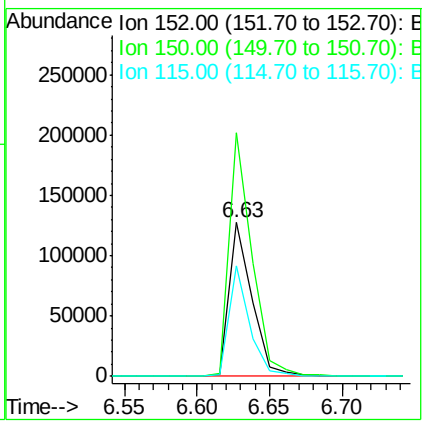


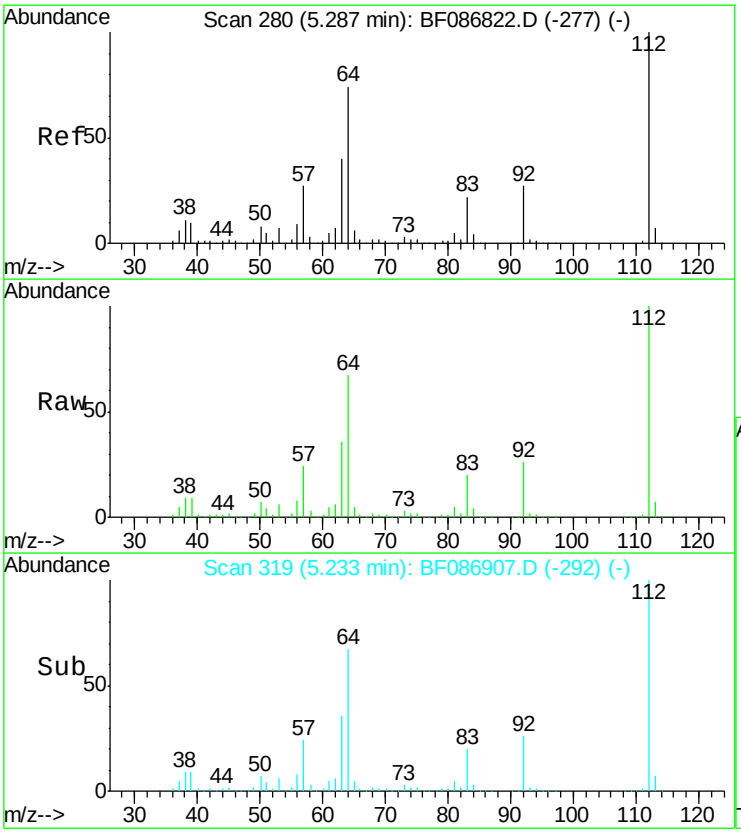
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF086907.D
Acq: 12 May 2016 00:29

Instrument :
BNA_F
ClientSampleId :
E-19(11.5-12)

Tgt Ion:152 Resp: 138568

Ion	Ratio	Lower	Upper
152	100		
150	158.6	125.8	188.6
115	71.9	51.5	77.3

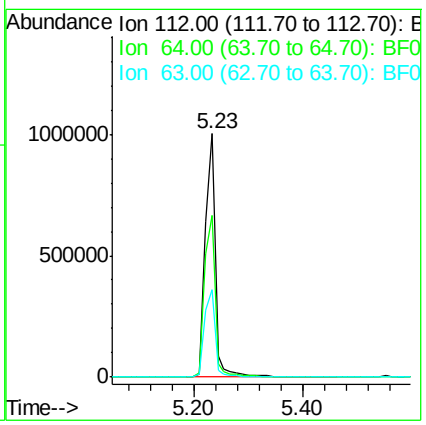


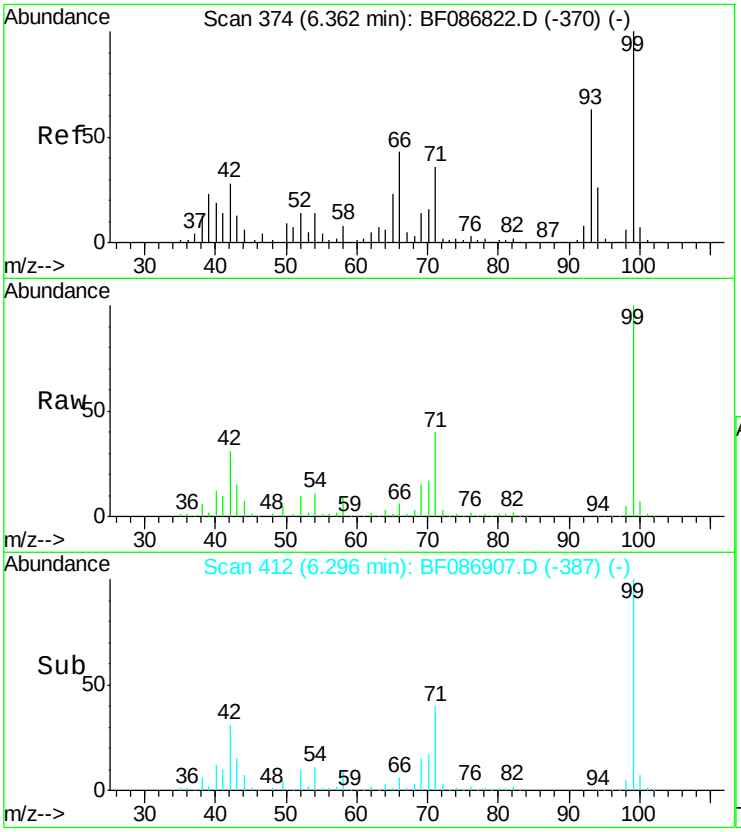


#5
2-Fluorophenol
Concen: 157.67 ng
RT: 5.23 min Scan# 319
Delta R.T. 0.01 min
Lab File: BF086907.D
Acq: 12 May 2016 00:29

Tgt Ion:112 Resp: 1290062

Ion	Ratio	Lower	Upper
112	100		
64	66.6	52.1	78.1
63	36.0	25.7	38.5



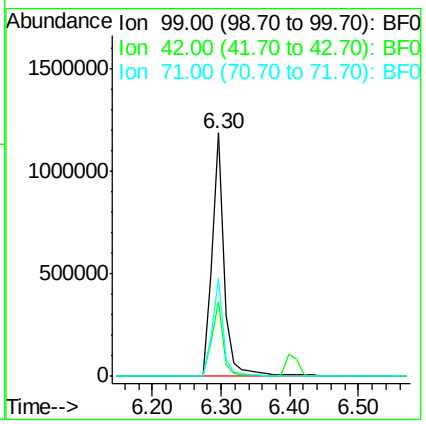


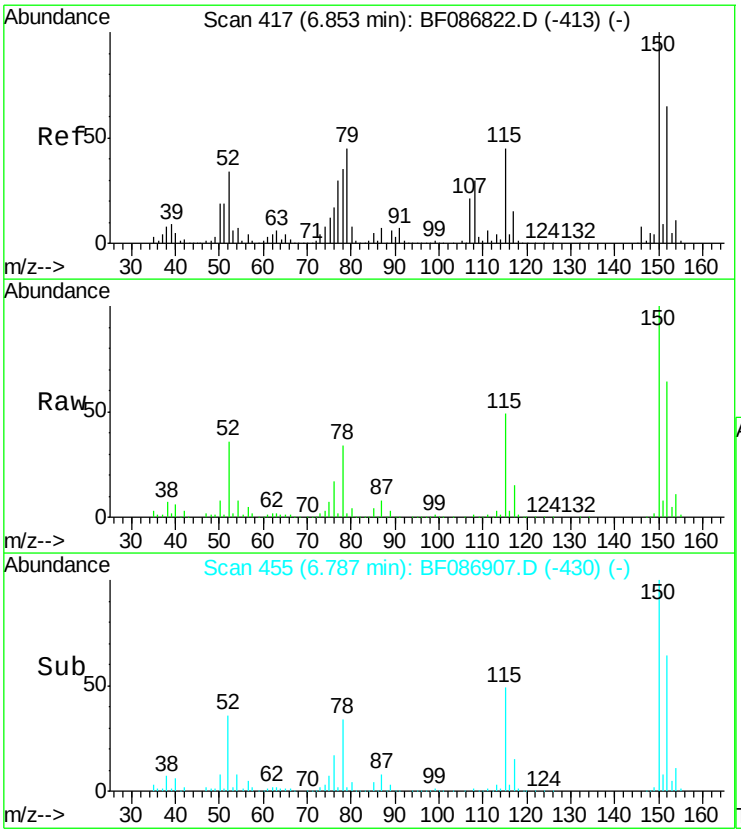
#7
Phenol-d6
Concen: 137.17 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.01 min
Lab File: BF086907.D
Acq: 12 May 2016 00:29

Instrument :
BNA_F
ClientSampleId :
E-19(11.5-12)

Tgt Ion: 99 Resp: 1500049

Ion	Ratio	Lower	Upper
99	100		
42	30.7	13.6	20.4#
71	40.1	24.6	36.8#

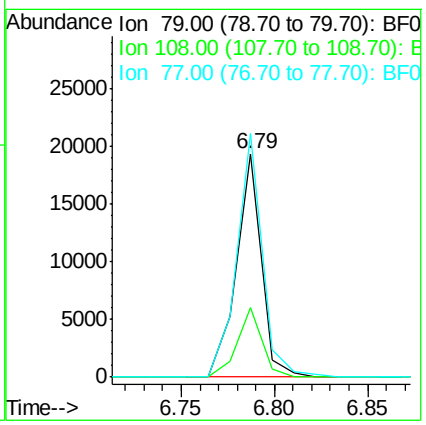


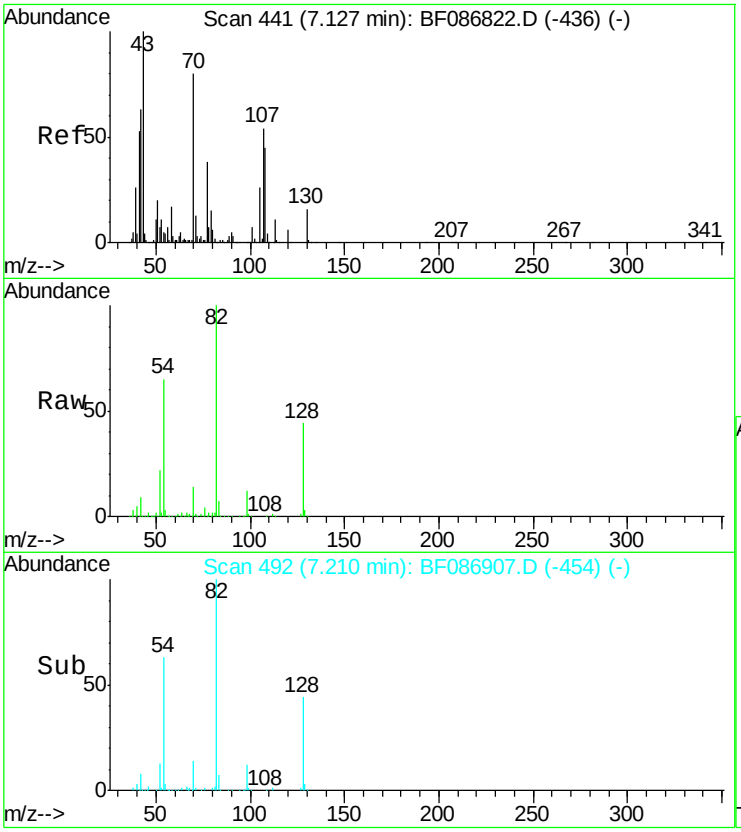


#15
Benzyl Alcohol
Concen: 2.41 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF086907.D
Acq: 12 May 2016 00:29

Tgt Ion: 79 Resp: 18195

Ion	Ratio	Lower	Upper
79	100		
108	31.3	68.4	102.6#
77	109.1	50.6	76.0#



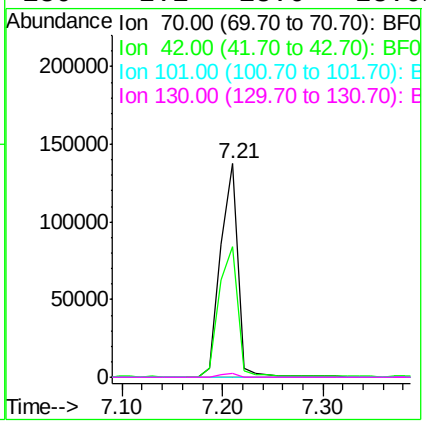


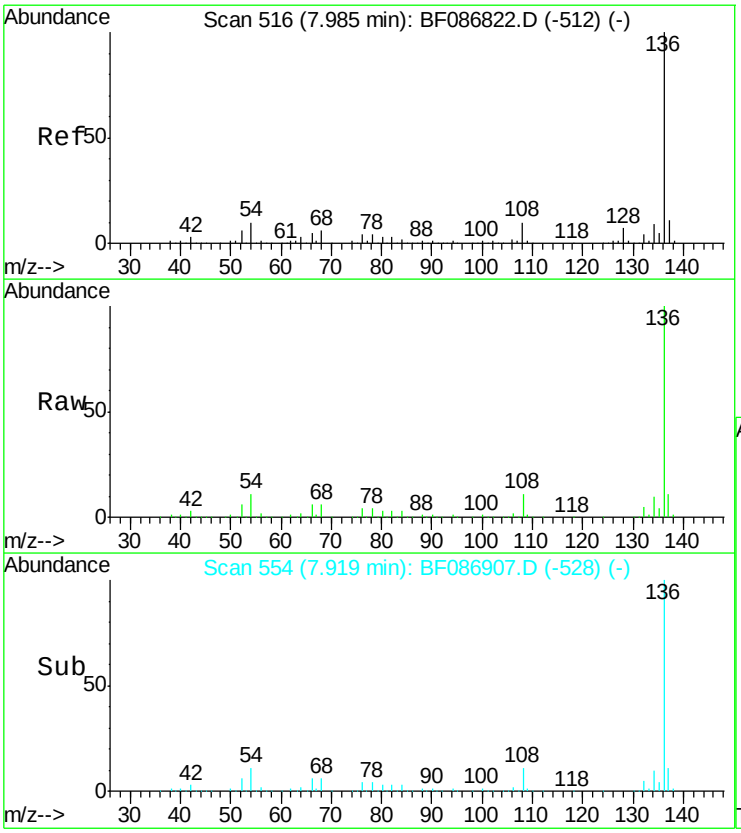
#19
n-Nitroso-di-n-propylamine
Concen: 21.85 ng
RT: 7.21 min Scan# 492
Delta R.T. 0.14 min
Lab File: BF086907.D
Acq: 12 May 2016 00:29

Instrument :
BNA_F
ClientSampleId :
E-19(11.5-12)

Tgt Ion: 70 Resp: 166988

Ion	Ratio	Lower	Upper
70	100		
42	61.1	43.1	64.7
101	0.0	8.1	12.1#
130	2.1	18.6	28.0#

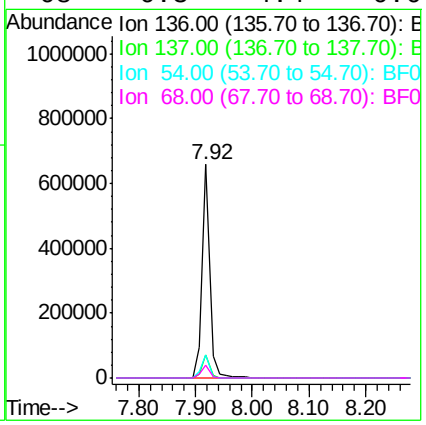


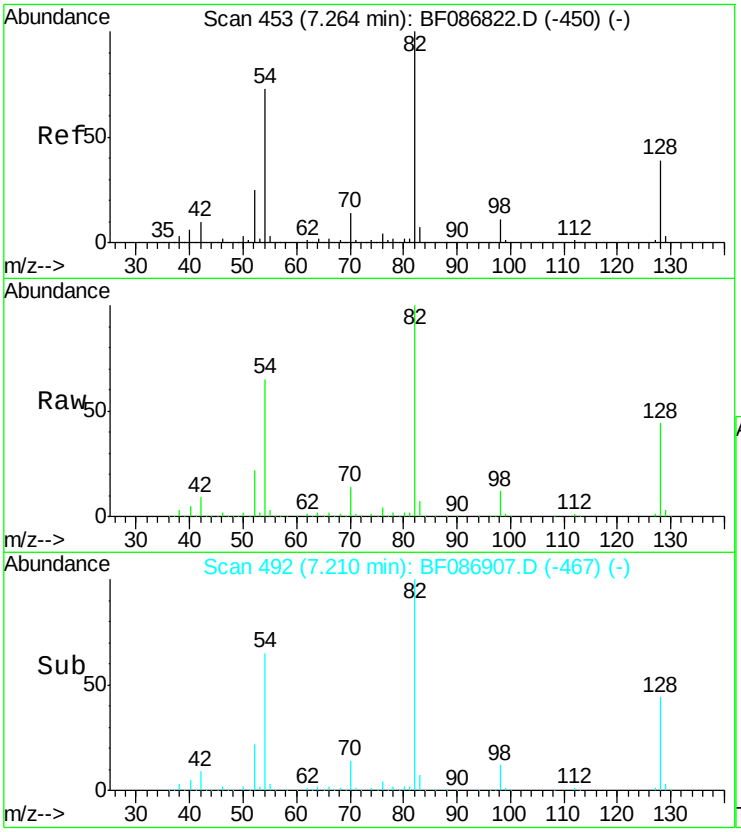


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF086907.D
Acq: 12 May 2016 00:29

Tgt Ion:136 Resp: 590205

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	11.0	5.0	7.4#
68	6.3	4.4	6.6



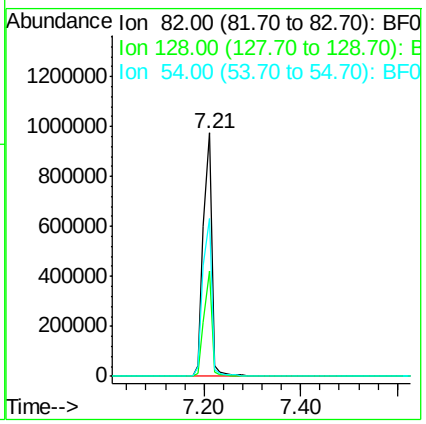


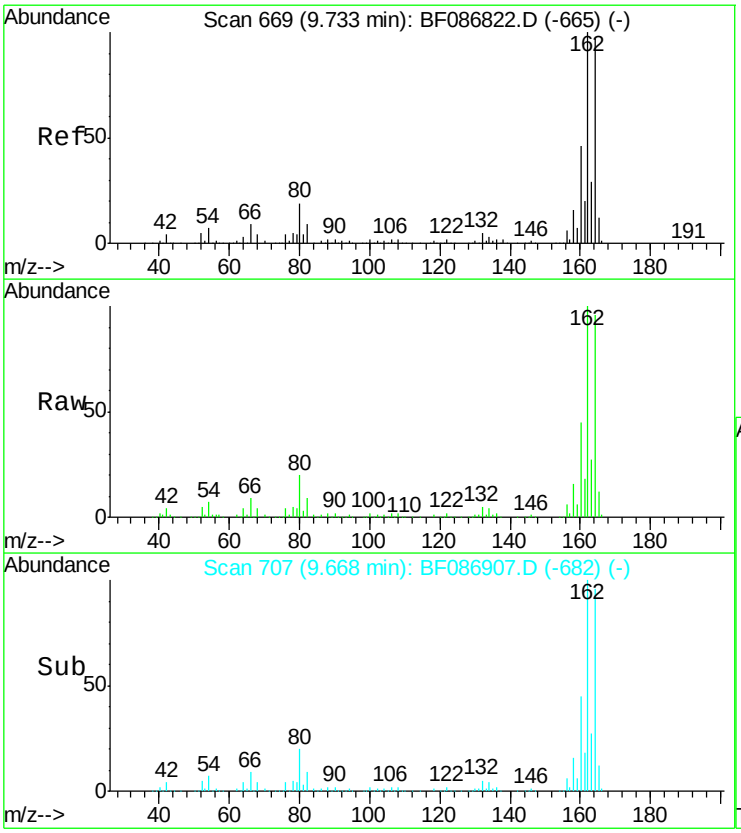
#23
Nitrobenzene-d5
Concen: 101.37 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF086907.D
Acq: 12 May 2016 00:29

Instrument :
BNA_F
ClientSampleId :
E-19(11.5-12)

Tgt Ion: 82 Resp: 1191519

Ion	Ratio	Lower	Upper
82	100		
128	43.5	40.6	61.0
54	64.8	38.1	57.1#

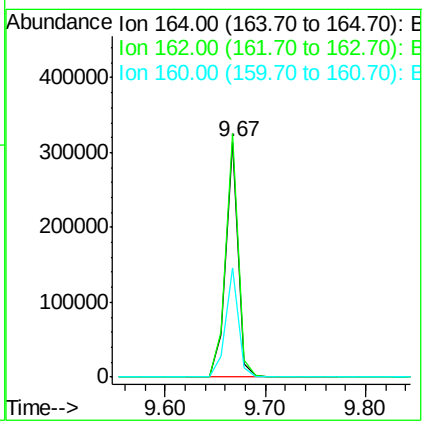


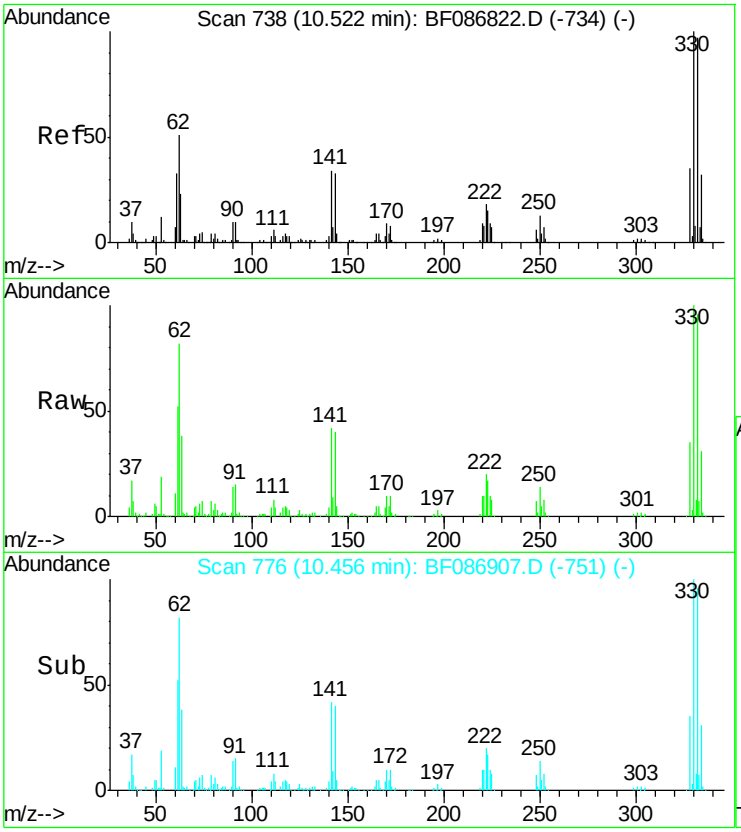


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF086907.D
Acq: 12 May 2016 00:29

Tgt Ion:164 Resp: 270435

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.8	124.2
160	46.6	36.9	55.3



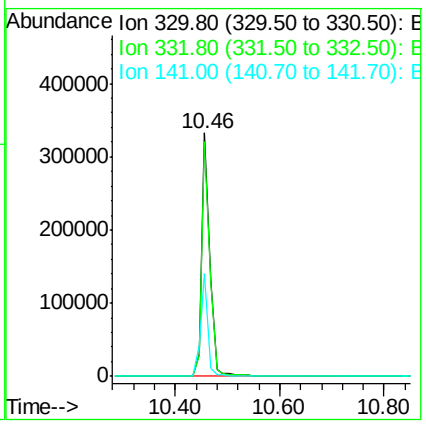


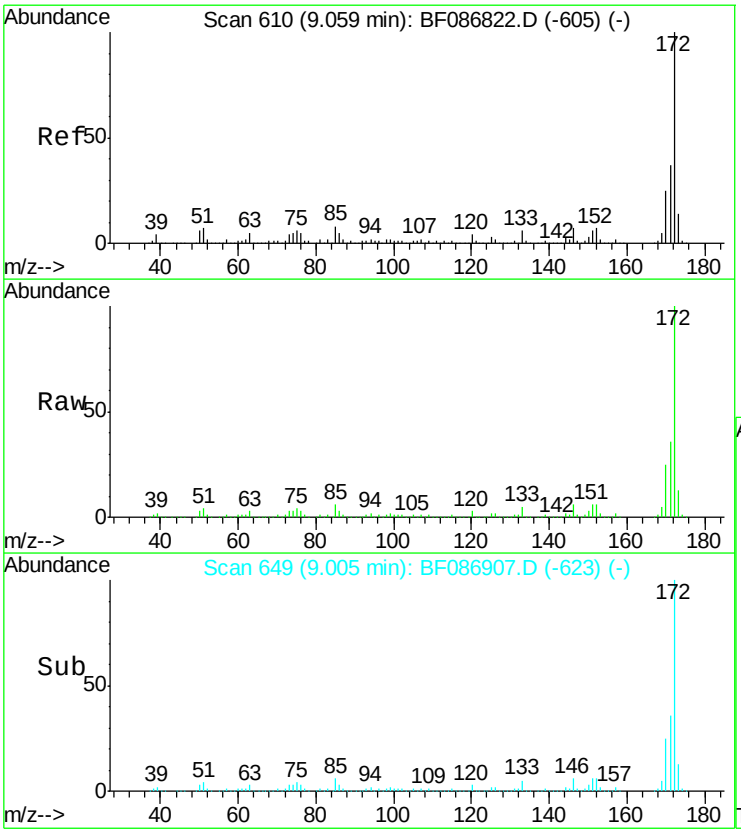
#41
2,4,6-Tribromophenol
Concen: 126.82 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF086907.D
Acq: 12 May 2016 00:29

Instrument :
BNA_F
ClientSampleId :
E-19(11.5-12)

Tgt Ion:330 Resp: 363076

Ion	Ratio	Lower	Upper
330	100		
332	96.3	79.0	118.4
141	38.1	31.2	46.8

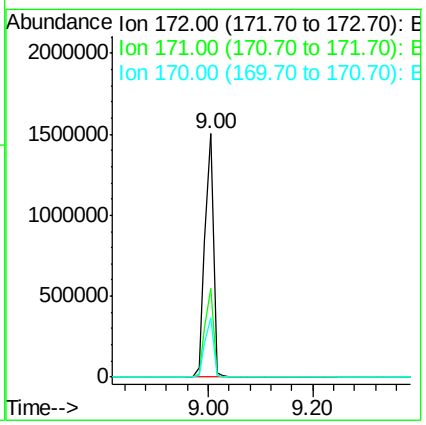


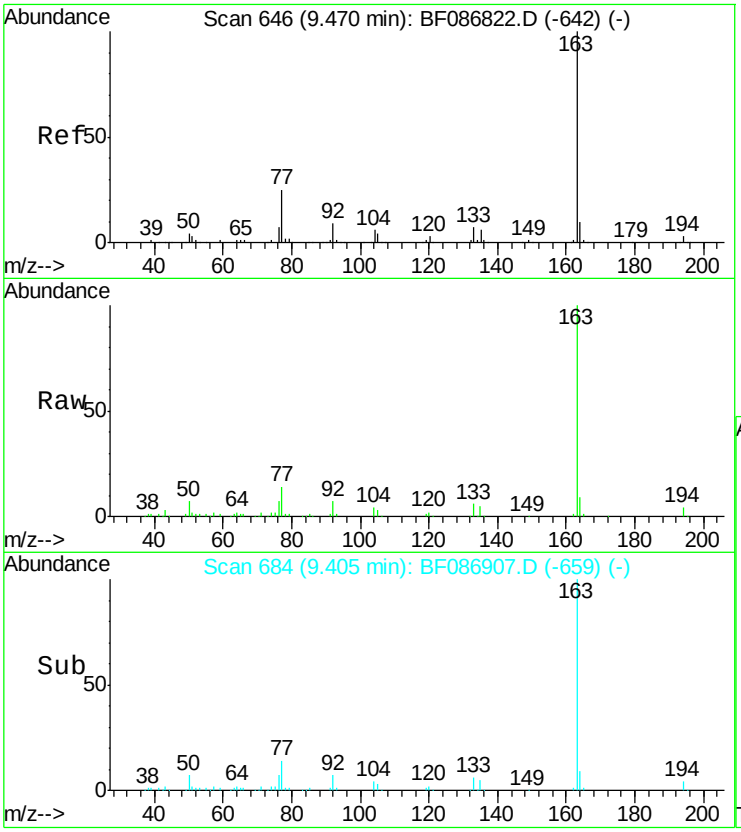


#44
2-Fluorobiphenyl
Concen: 105.45 ng
RT: 9.00 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF086907.D
Acq: 12 May 2016 00:29

Tgt Ion:172 Resp: 1696744

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.5	19.8	29.8



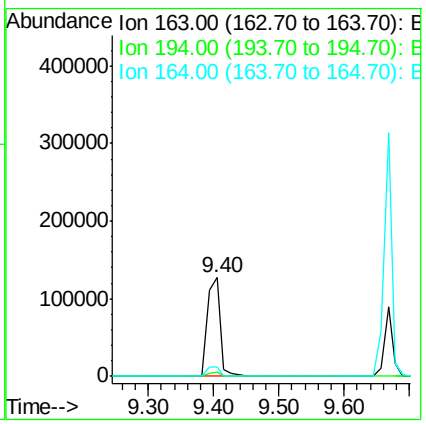


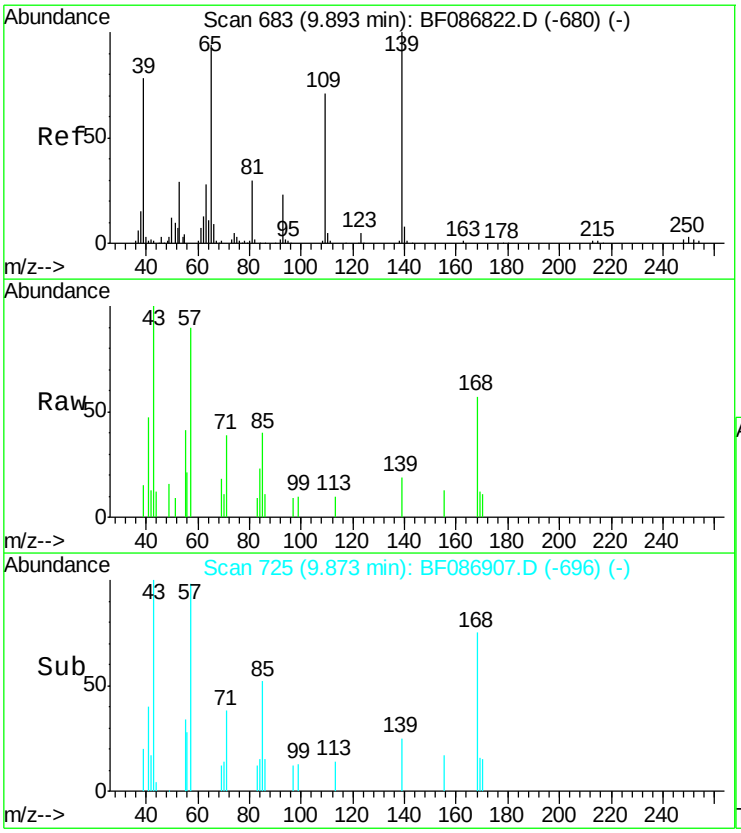
#49
Dimethylphthalate
Concen: 8.60 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF086907.D
Acq: 12 May 2016 00:29

Instrument :
BNA_F
ClientSampleId :
E-19(11.5-12)

Tgt Ion:163 Resp: 177350

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	9.4	8.2	12.4

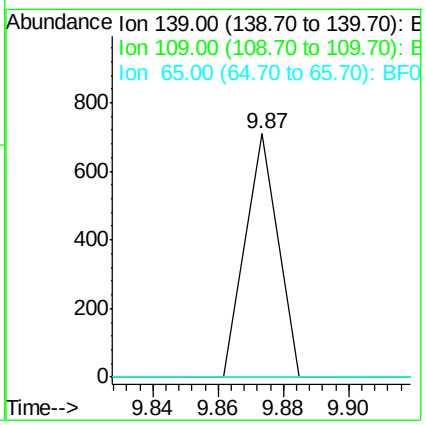


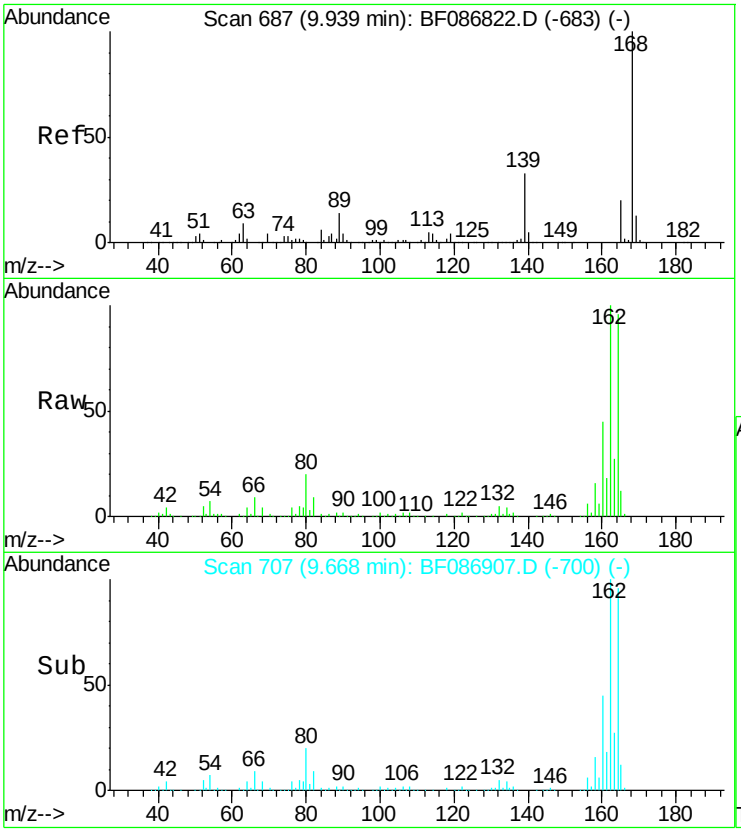


#55
4-Nitrophenol
Concen: 4.71 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.03 min
Lab File: BF086907.D
Acq: 12 May 2016 00:29

Tgt Ion:139 Resp: 487

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



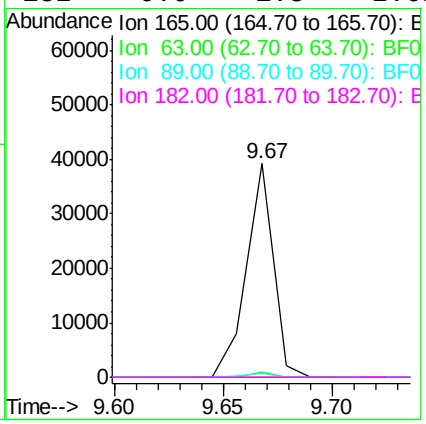


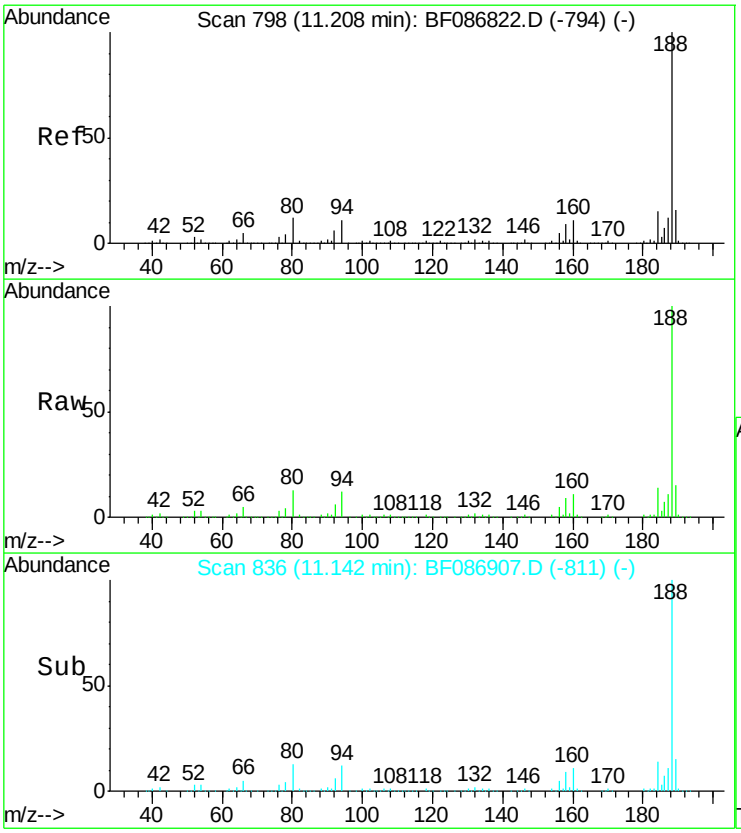
#56
2,4-Dinitrotoluene
Concen: 6.30 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.22 min
Lab File: BF086907.D
Acq: 12 May 2016 00:29

Instrument :
BNA_F
ClientSampleId :
E-19(11.5-12)

Tgt Ion:165 Resp: 33845

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

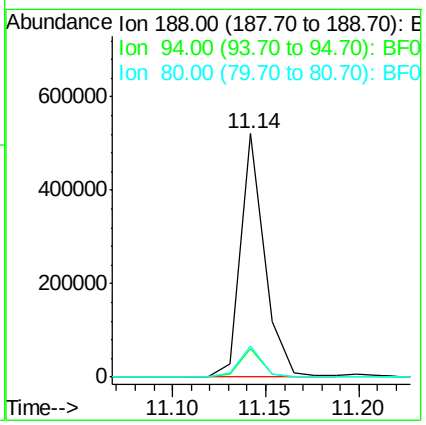


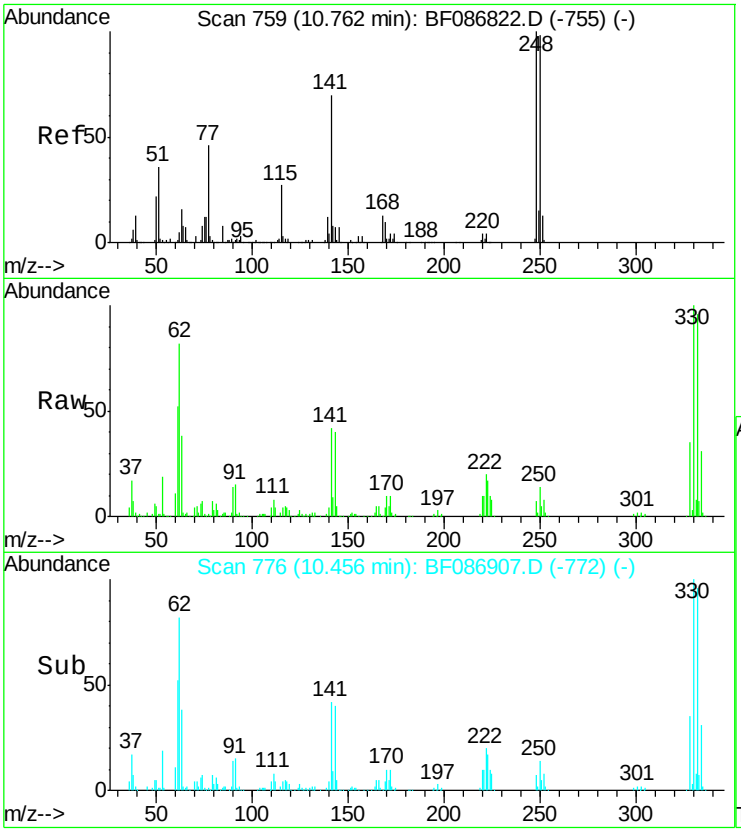


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF086907.D
Acq: 12 May 2016 00:29

Tgt Ion:188 Resp: 466904

Ion	Ratio	Lower	Upper
188	100		
94	11.6	6.8	10.2#
80	13.0	7.1	10.7#



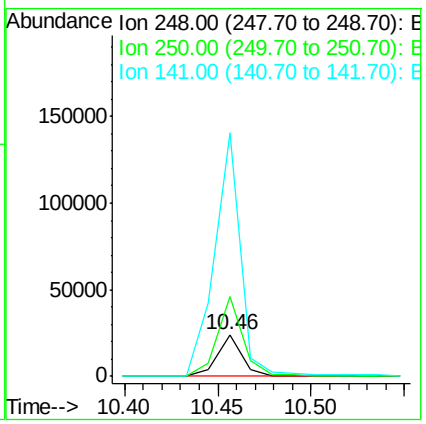


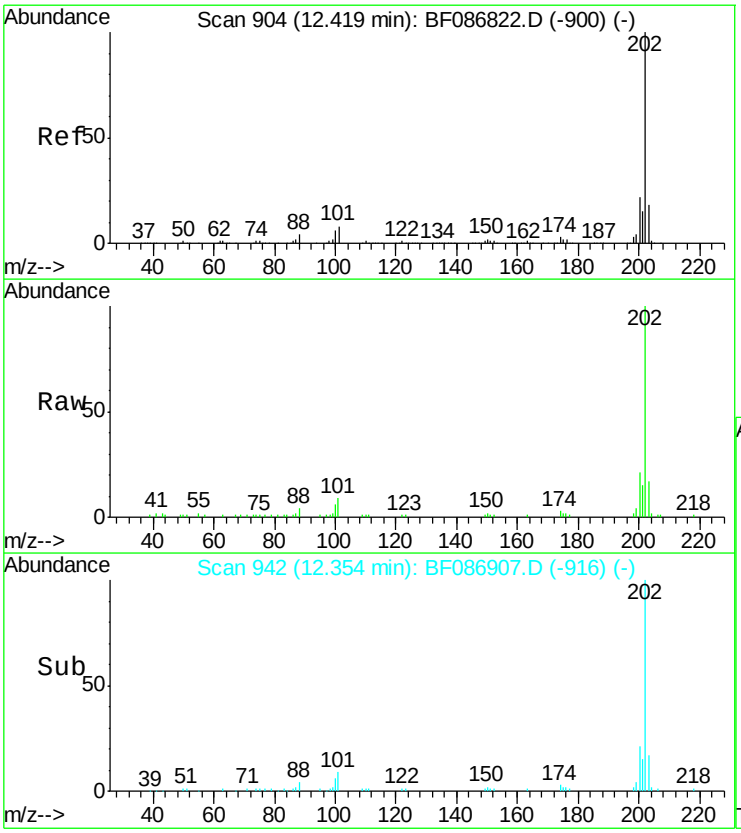
#66
4-Bromophenyl-phenylether
Concen: 4.74 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.25 min
Lab File: BF086907.D
Acq: 12 May 2016 00:29

Instrument :
BNA_F
ClientSampleId :
E-19(11.5-12)

Tgt Ion:248 Resp: 22429

Ion	Ratio	Lower	Upper
248	100		
250	194.1	78.6	117.8#
141	587.8	76.0	114.0#

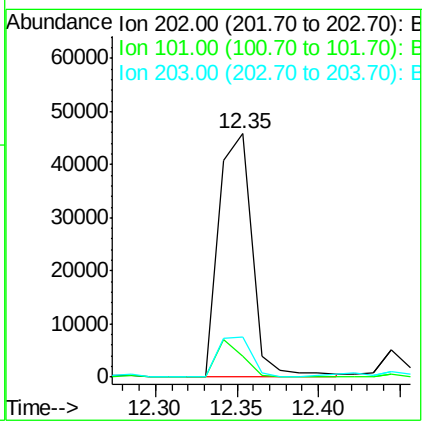


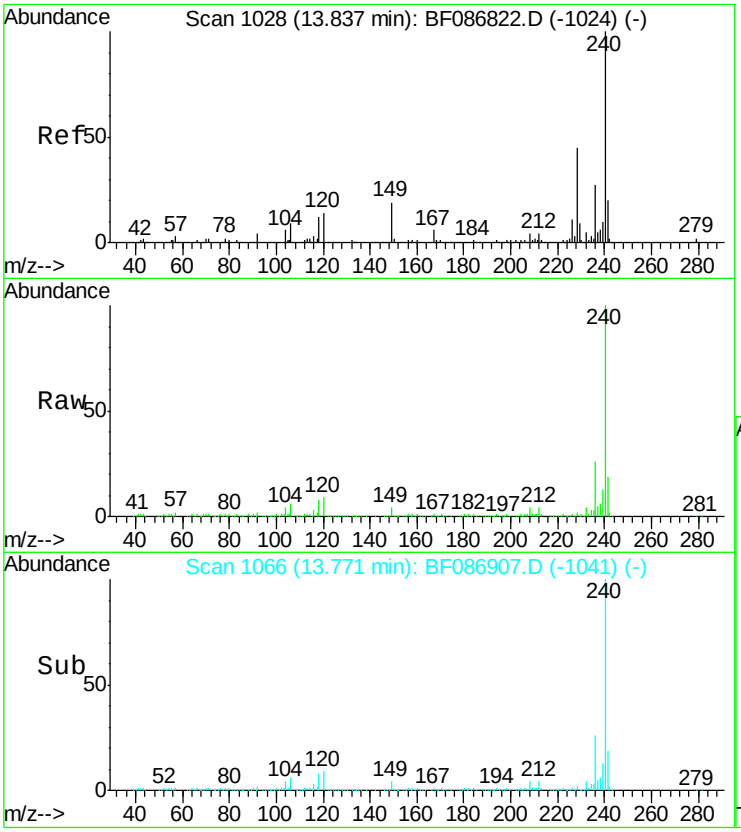


#74
Fluoranthene
Concen: 2.51 ng
RT: 12.35 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF086907.D
Acq: 12 May 2016 00:29

Tgt Ion:202 Resp: 64308

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	35.4
203	16.6	0.0	38.1



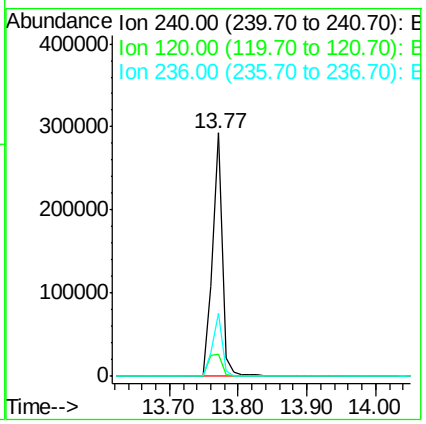


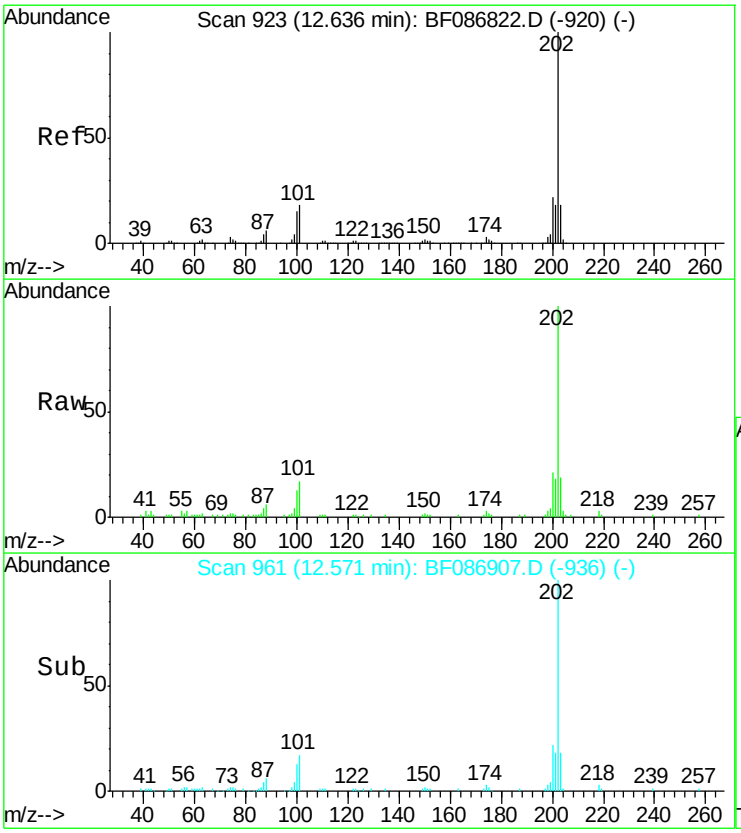
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BF086907.D
Acq: 12 May 2016 00:29

Instrument :
BNA_F
ClientSampleId :
E-19(11.5-12)

Tgt Ion:240 Resp: 301651

Ion	Ratio	Lower	Upper
240	100		
120	9.3	11.2	16.8#
236	26.0	21.2	31.8

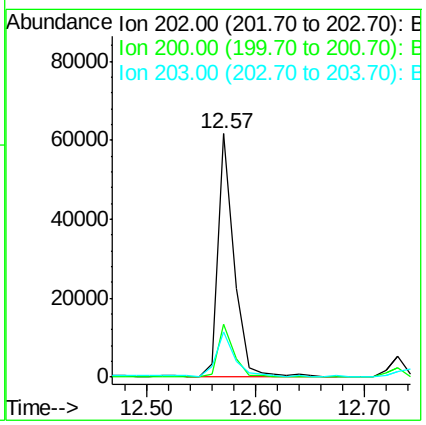


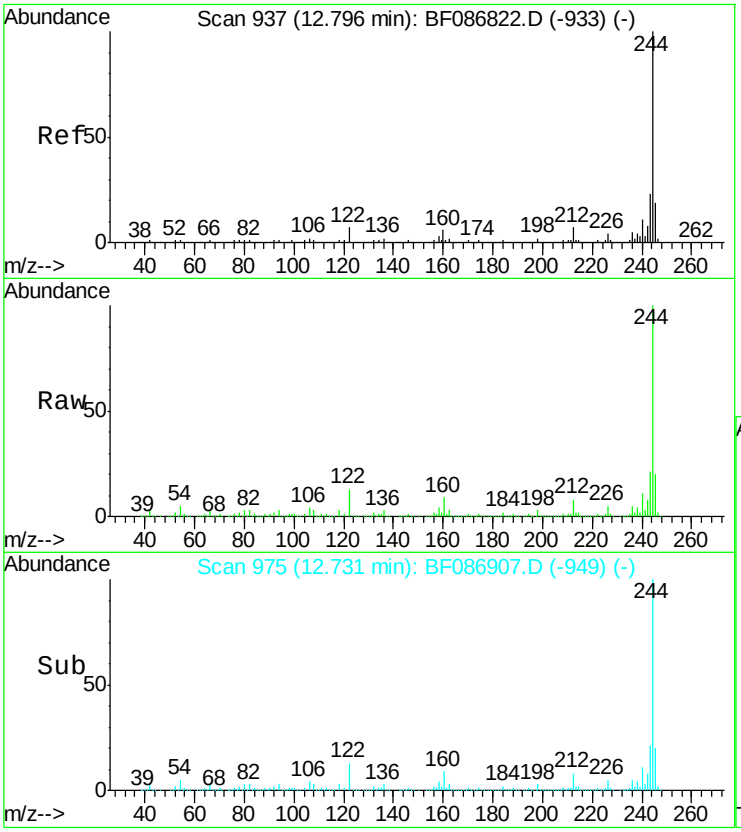


#77
Pyrene
Concen: 2.76 ng
RT: 12.57 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF086907.D
Acq: 12 May 2016 00:29

Tgt Ion:202 Resp: 63804

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.7	26.5
203	18.8	14.2	21.4



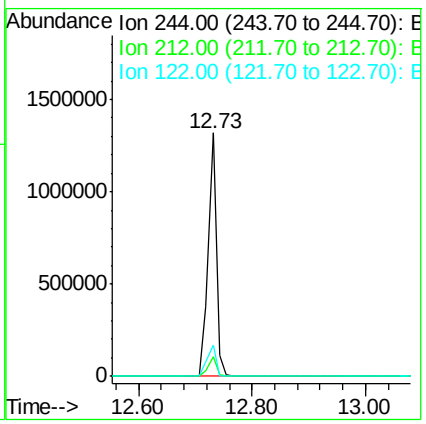


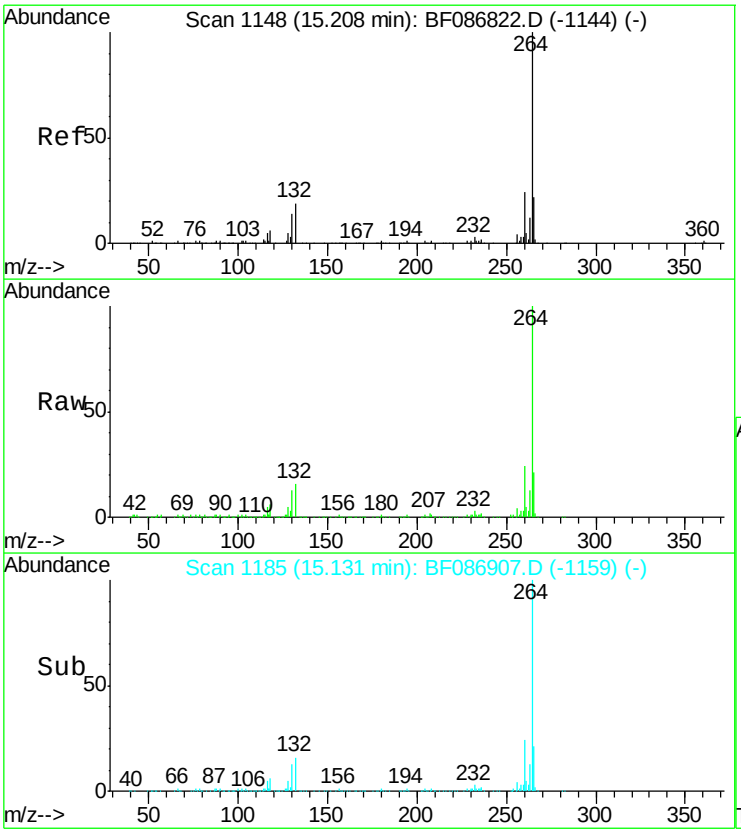
#78
Terphenyl-d14
Concen: 89.05 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF086907.D
Acq: 12 May 2016 00:29

Instrument :
BNA_F
ClientSampleId :
E-19(11.5-12)

Tgt Ion:244 Resp: 1265996

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	12.9	12.0	18.0

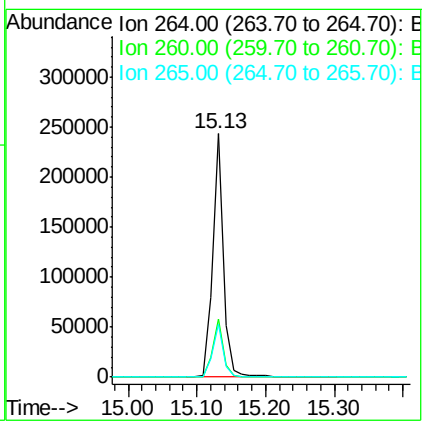


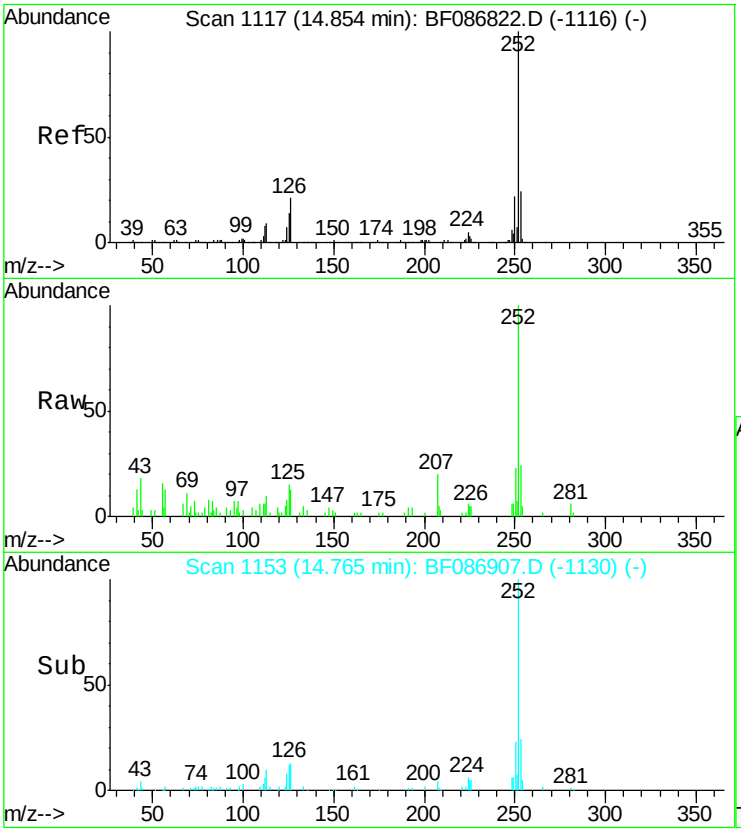


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF086907.D
Acq: 12 May 2016 00:29

Tgt Ion:264 Resp: 272335

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.5	17.3	25.9





#88
Benzo(k)fluoranthene
Concen: 2.13 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.03 min
Lab File: BF086907.D
Acq: 12 May 2016 00:29

Instrument :
BNA_F
ClientSampleId :
E-19(11.5-12)

Tgt Ion:252 Resp: 30904

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.6
125	14.6	9.1	13.7#