Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086878.D
Acq On : 11 May 2016 3:45
Operator : UM/SJ
Sample : H2762-04DL 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B3COMPDL

Quant Time: May 11 05:38:49 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	177639	20.00	ng		-0.01
21) Naphthalene-d8	7.98	136	570525	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	287146	20.00	ng		-0.01
63) Phenanthrene-d10	11.20	188	433276	20.00	ng		-0.01
75) Chrysene-d12	13.82	240	356216	20.00	ng		-0.01
86) Perylene-d12	15.20	264	324249	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	115786	11.04	ng		-0.01
7) Phenol-d6	6.35	99	141952	10.13	ng		-0.01
23) Nitrobenzene-d5	7.25	82	101315	8.92	ng		-0.01
41) 2,4,6-Tribromophenol	10.51	330	21325	7.01	ng		-0.01
44) 2-Fluorobiphenyl	9.05	172	182358	10.67	ng		-0.01
78) Terphenyl-d14	12.77	244	119319	7.11	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.20	77	82692	10.19	ng	#	1
18) Hexachloroethane	7.22	117	92822	17.66	ng	#	18
31) Naphthalene	8.03	128	10804465	378.09	ng	#	93
32) Benzoic acid	8.03	122	32023	6.23	ng	#	1
33) 4-Chloroaniline	8.03	127	1716506	154.59	ng	#	40
37) 2-Methylnaphthalene	8.69	142	1613348	96.57	ng		96
45) 1,1'-Biphenyl	9.15	154	319088	13.97	ng		99
48) Acenaphthylene	9.58	152	893281	33.94	ng		97
51) Acenaphthene	9.76	154	456673	27.89	ng		98
53) 2,4-Dinitrophenol	9.80	184	215	7.77	ng	#	1
54) Dibenzofuran	9.93	168	84421	4.02	ng	#	86
55) 4-Nitrophenol	9.76	139	6834	6.55	ng		90
56) 2,4-Dinitrotoluene	9.90	165	12268	2.15	ng	#	53
57) Fluorene	10.27	166	634136	35.38	ng		98
60) 4-Chlorophenyl-phenylether	10.08	204	493	Below Cal		#	1
70) Phenanthrene	11.23	178	1842054	79.67	ng		99
71) Anthracene	11.28	178	605071	25.59	ng		99
74) Fluoranthene	12.41	202	737107	30.99	ng		94
77) Pyrene	12.64	202	1052204	38.58	ng		99
80) Benzo(a)anthracene	13.85	228	260294	13.02	ng		95
82) Chrysene	13.85	228	261000	12.83	ng		97
85) Indeno(1,2,3-cd)pyrene	16.49	276	97259	5.75	ng	#	87
87) Benzo(b)fluoranthene	14.82	252	285781	13.56	ng		98
88) Benzo(k)fluoranthene	14.82	252	285781	16.56	ng		98
89) Benzo(a)pyrene	15.09	252	135024	7.43	ng		99
91) Benzo(g,h,i)perylene	16.87	276	111903	7.19	ng		94

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

Quantitation Report (Not Reviewed)

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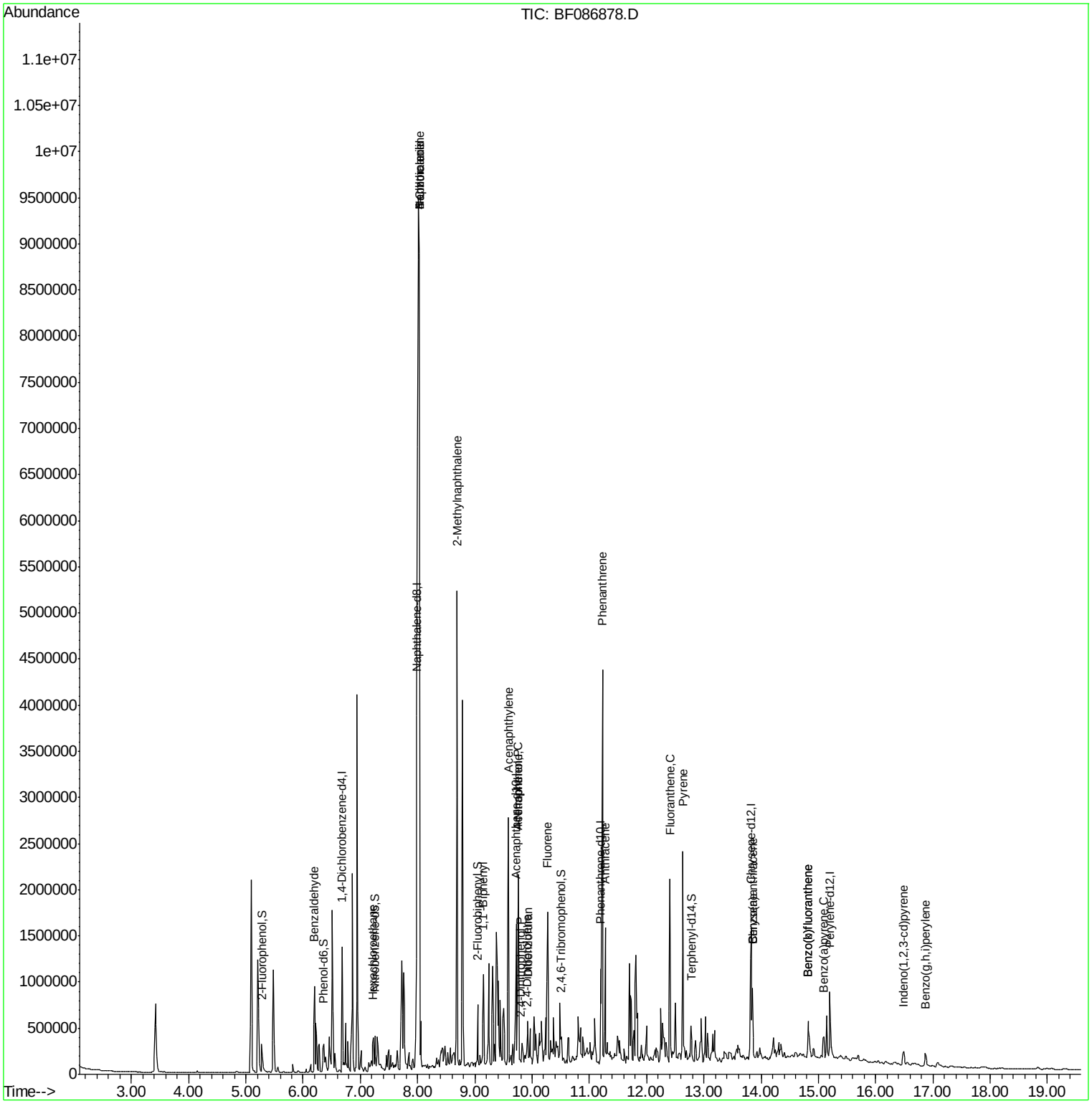
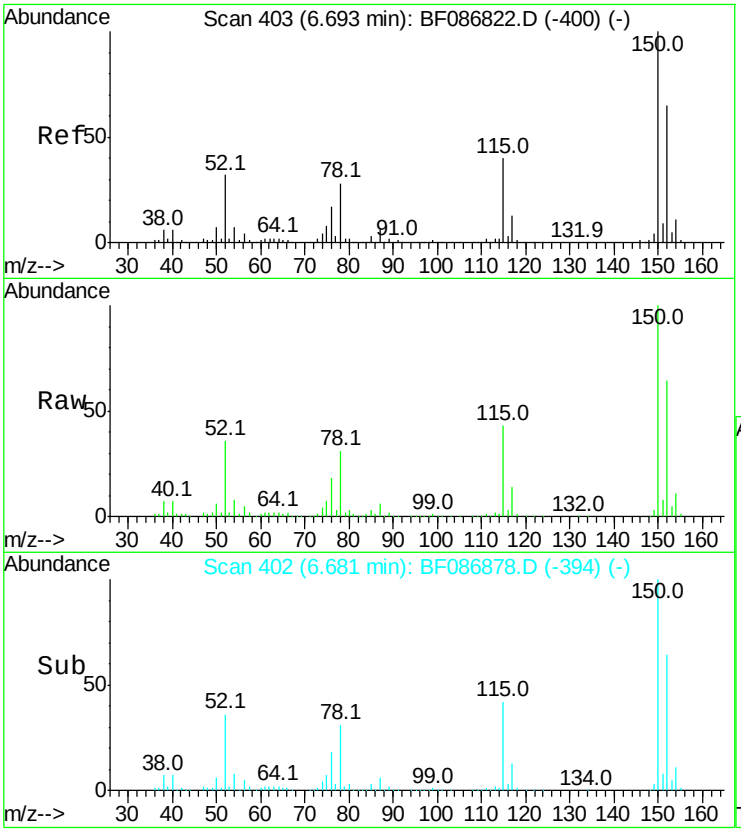
Data File : BF086878.D
Acq On : 11 May 2016 3:45
Operator : UM/SJ
Sample : H2762-04DL 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMPDL

Quant Time: May 11 05:38:49 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



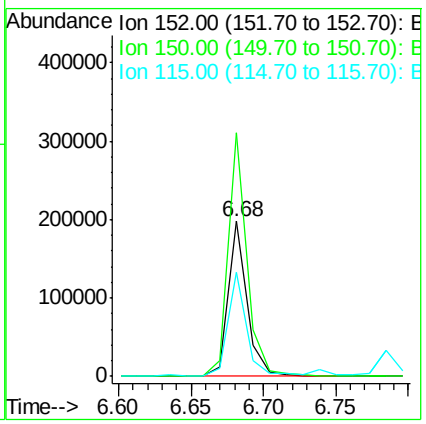


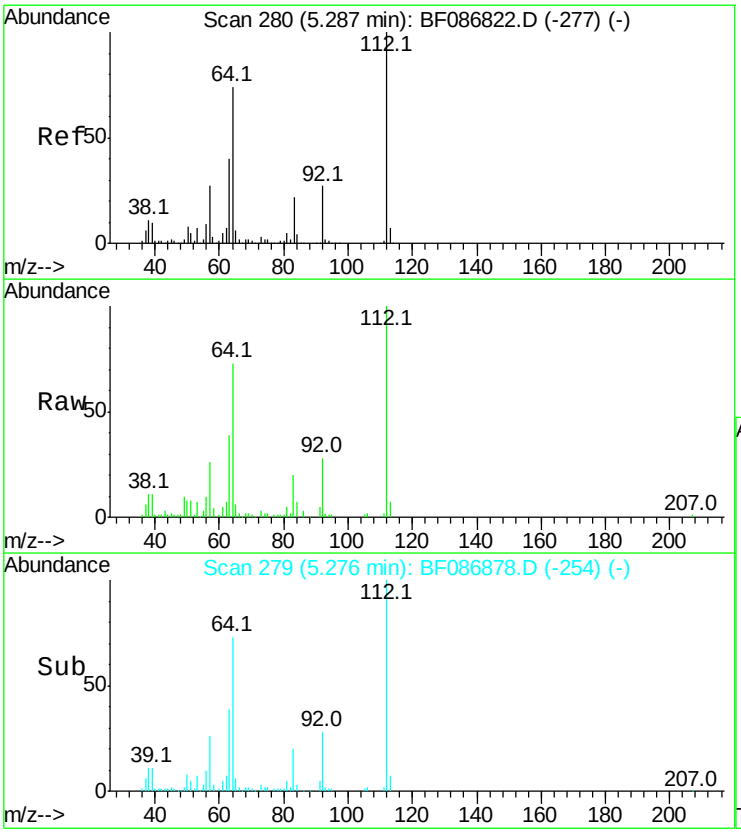
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMPDL

Tgt Ion:152 Resp: 177639

Ion	Ratio	Lower	Upper
152	100		
150	156.8	125.8	188.6
115	66.7	51.5	77.3

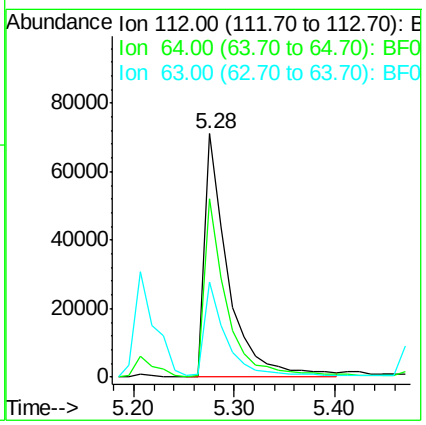


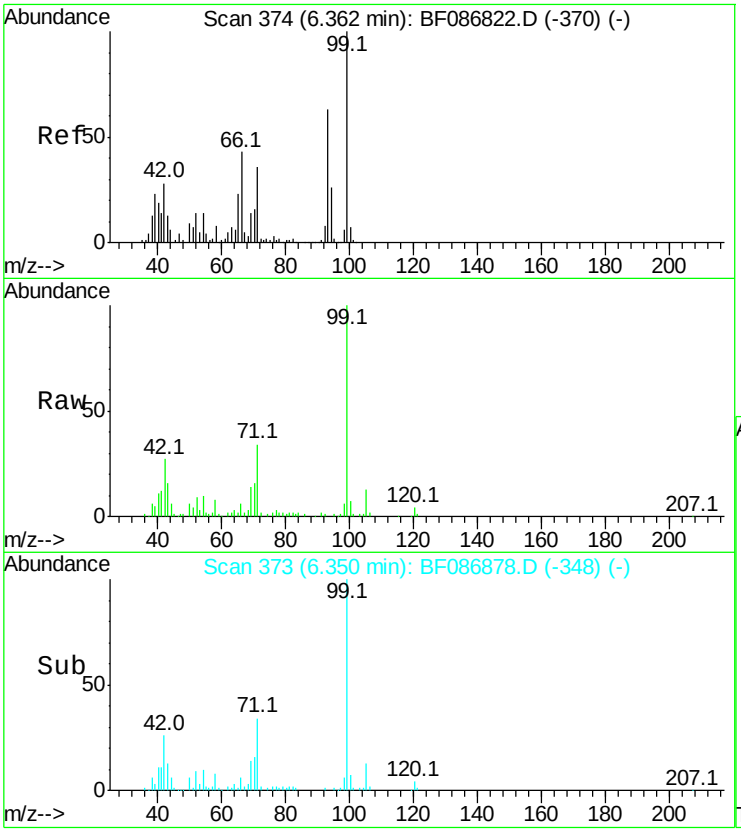


#5
2-Fluorophenol
Concen: 11.04 ng
RT: 5.28 min Scan# 279
Delta R.T. -0.01 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Tgt Ion:112 Resp: 115786

Ion	Ratio	Lower	Upper
112	100		
64	73.1	52.1	78.1
63	38.9	25.7	38.5#



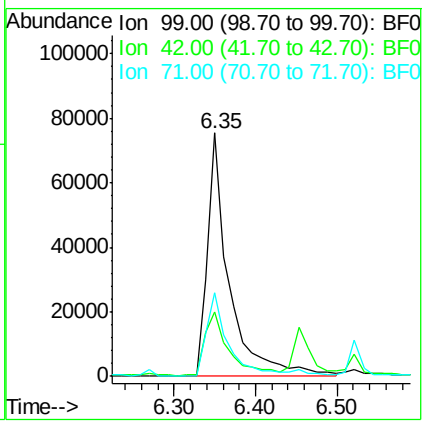


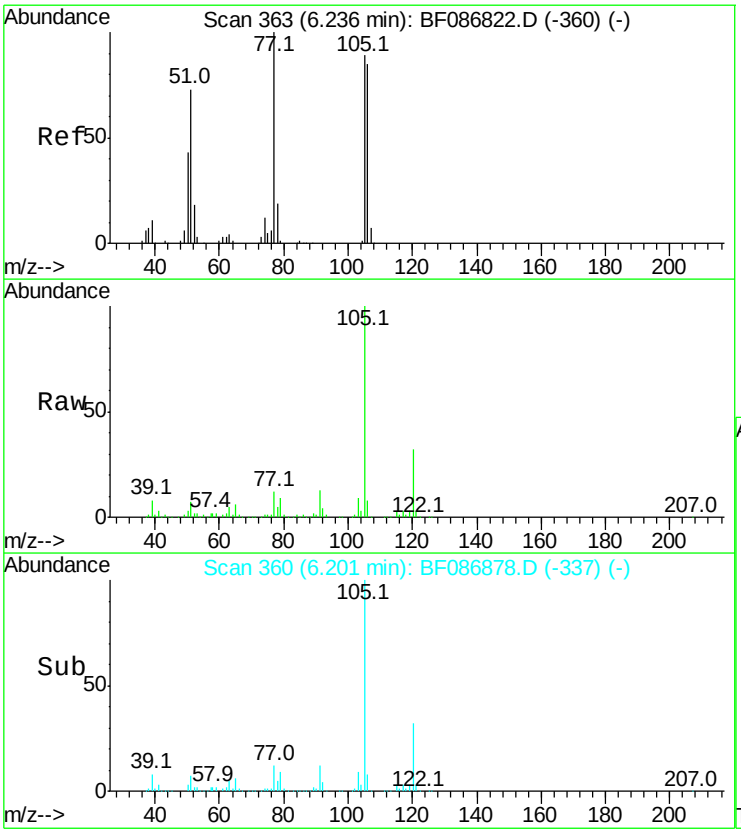
#7
Phenol-d6
Concen: 10.13 ng
RT: 6.35 min Scan# 373
Delta R.T. -0.01 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMPDL

Tgt Ion: 99 Resp: 141952

Ion	Ratio	Lower	Upper
99	100		
42	26.6	13.6	20.4#
71	34.3	24.6	36.8

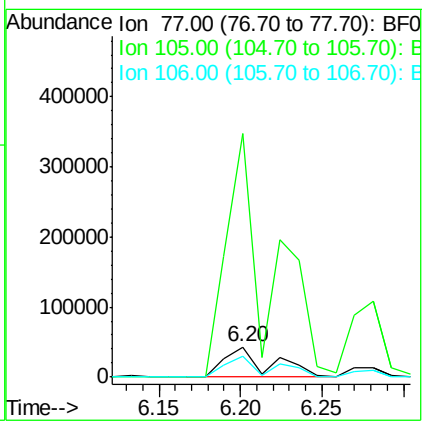


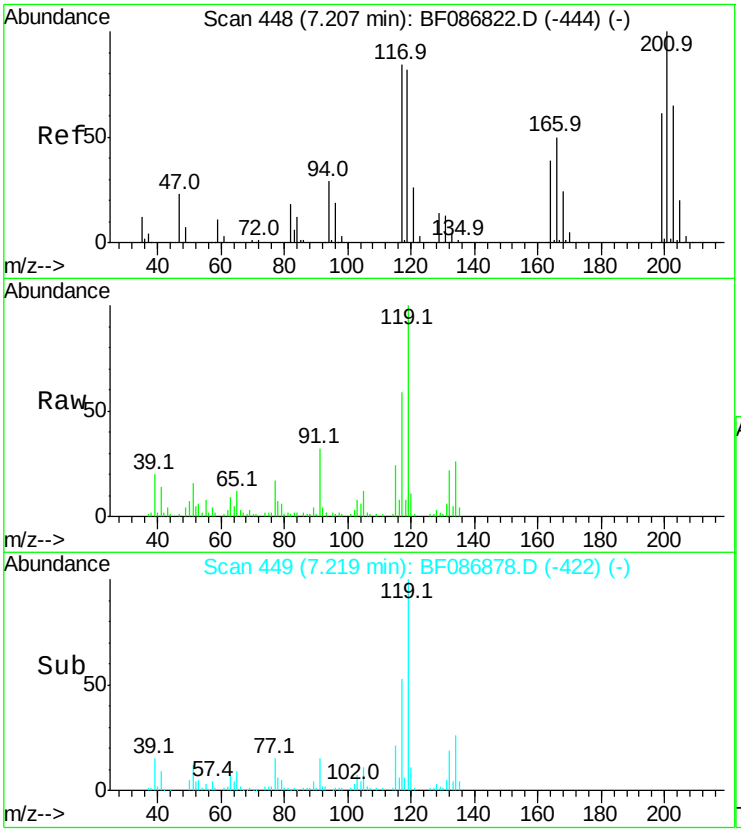


#9
Benzaldehyde
Concen: 10.19 ng
RT: 6.20 min Scan# 360
Delta R.T. -0.03 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Tgt Ion: 77 Resp: 82692

Ion	Ratio	Lower	Upper
77	100		
105	808.9	72.7	112.7#
106	68.3	70.8	110.8#



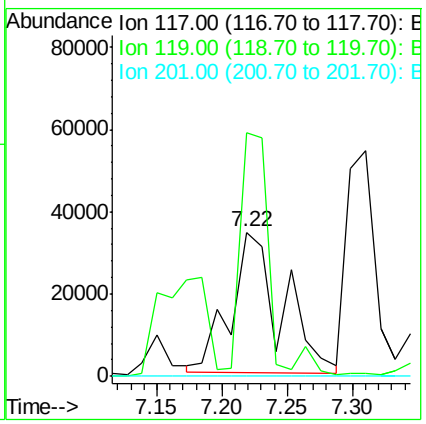


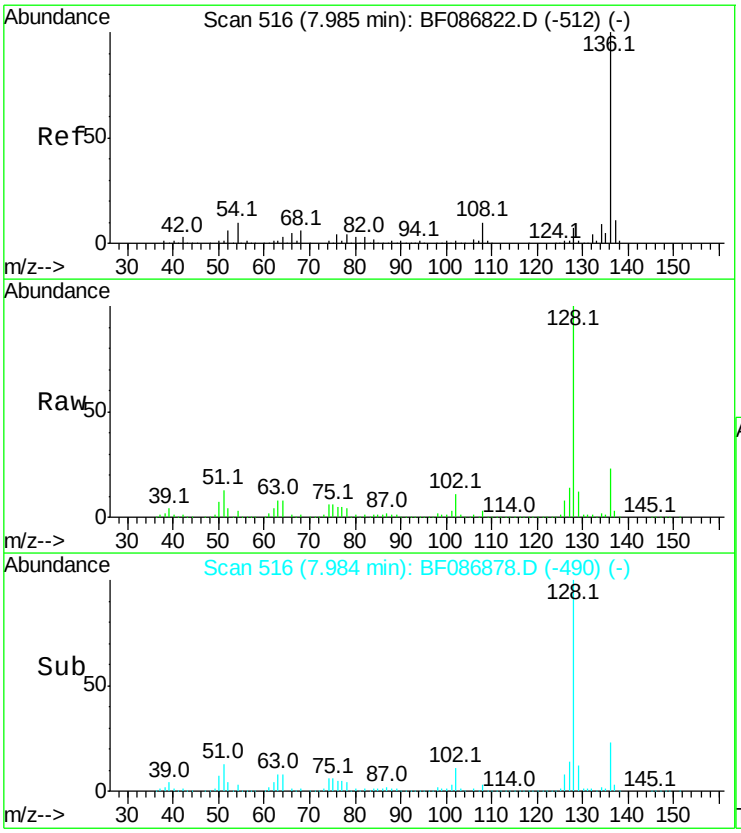
#18
Hexachloroethane
Concen: 17.66 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.01 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMPDL

Tgt Ion:117 Resp: 92822

Ion	Ratio	Lower	Upper
117	100		
119	168.7	76.5	114.7#
201	0.0	63.0	94.6#

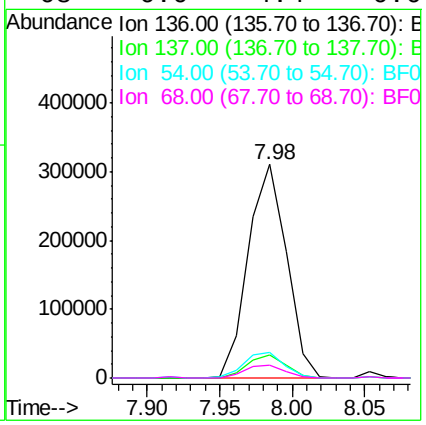


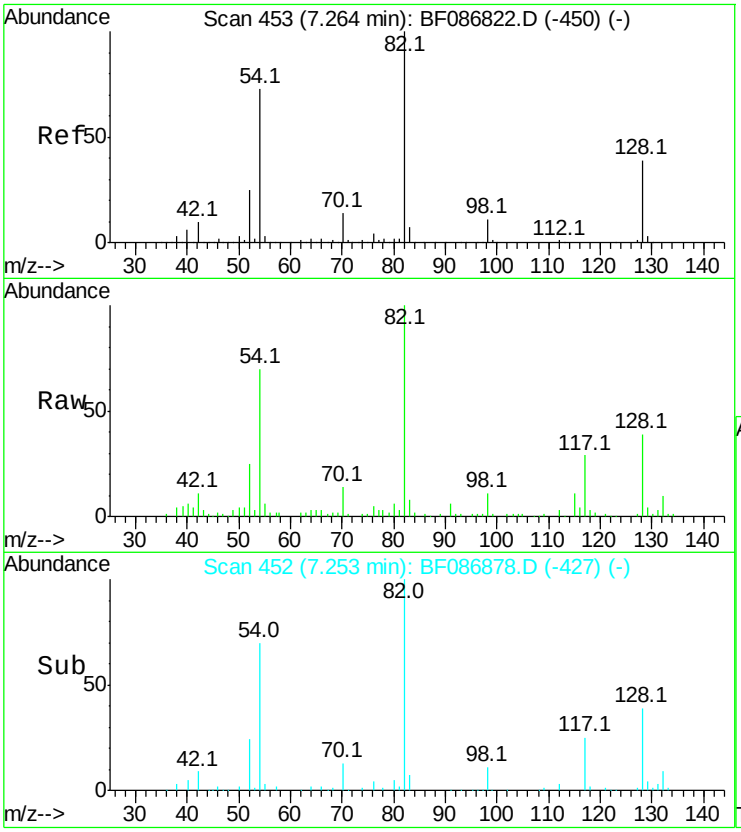


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Tgt Ion:136 Resp: 570525

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	11.7	5.0	7.4#
68	6.0	4.4	6.6



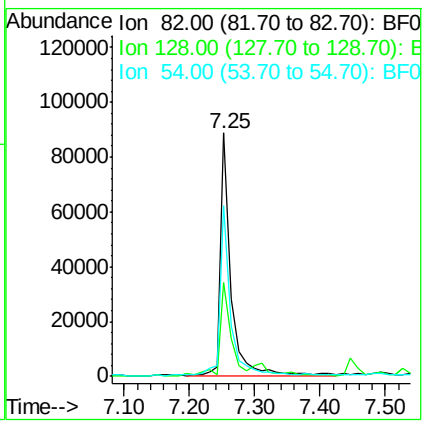


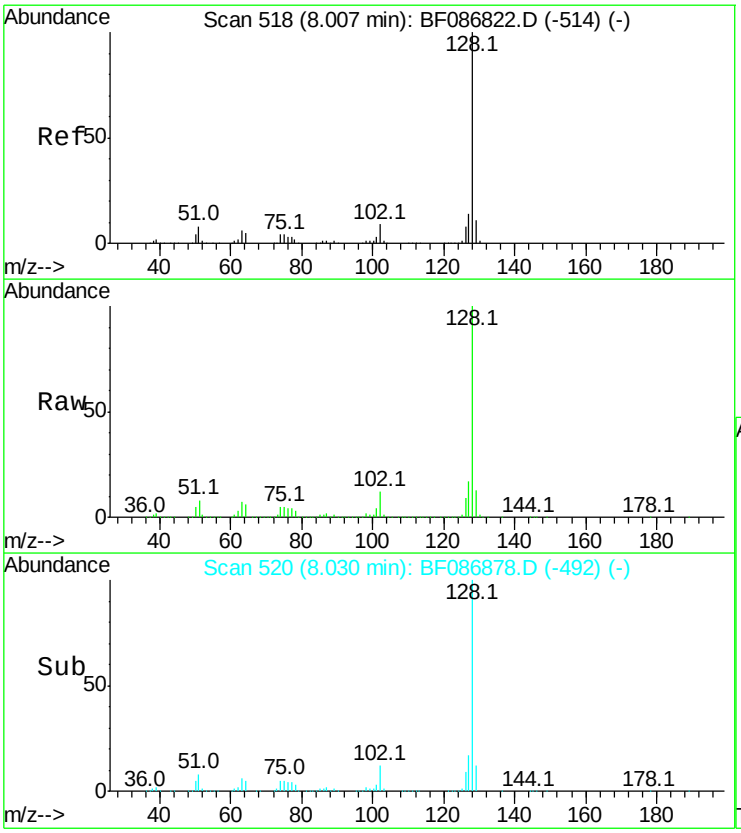
#23
Nitrobenzene-d5
Concen: 8.92 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMPDL

Tgt Ion: 82 Resp: 101315

Ion	Ratio	Lower	Upper
82	100		
128	38.7	40.6	61.0#
54	70.1	38.1	57.1#

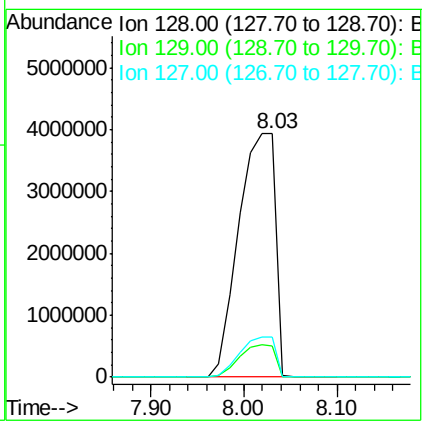


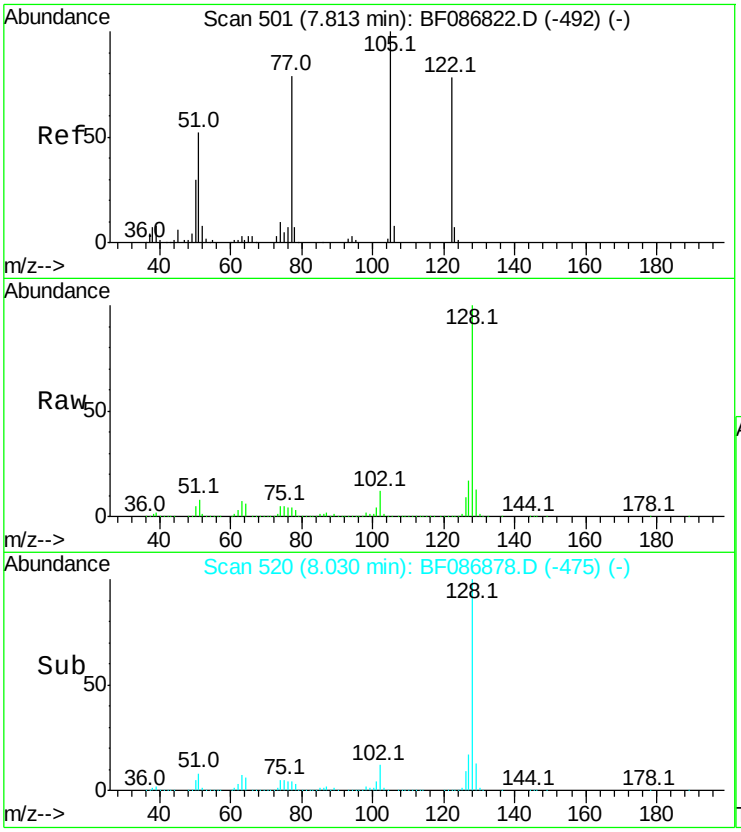


#31
Naphthalene
Concen: 378.09 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.02 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Tgt Ion:128 Resp:10804465

Ion	Ratio	Lower	Upper
128	100		
129	12.6	8.6	13.0
127	16.7	10.8	16.2#



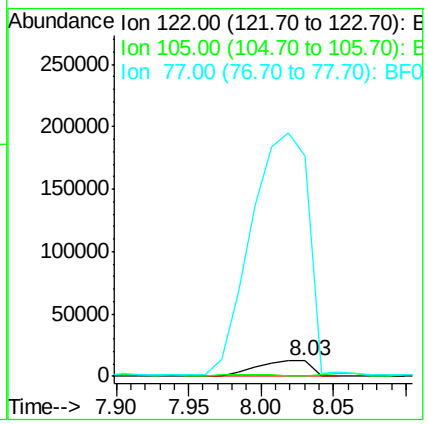


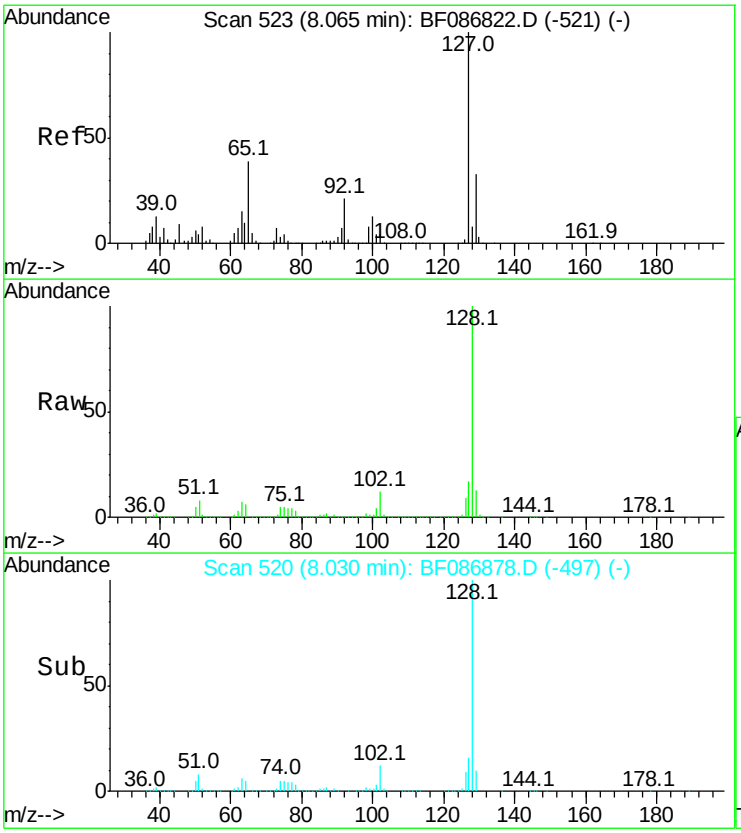
#32
Benzoic acid
Concen: 6.23 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.22 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMPDL

Tgt Ion:122 Resp: 32023

Ion	Ratio	Lower	Upper
122	100		
105	2.9	92.6	132.6#
77	1421.6	60.0	100.0#

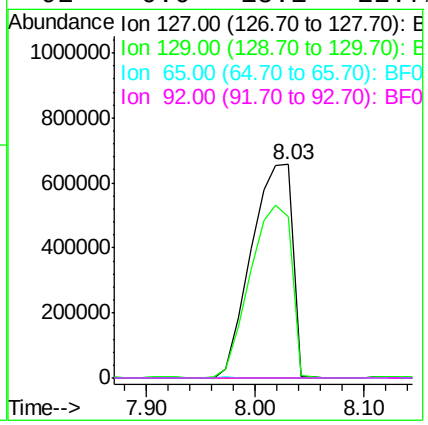


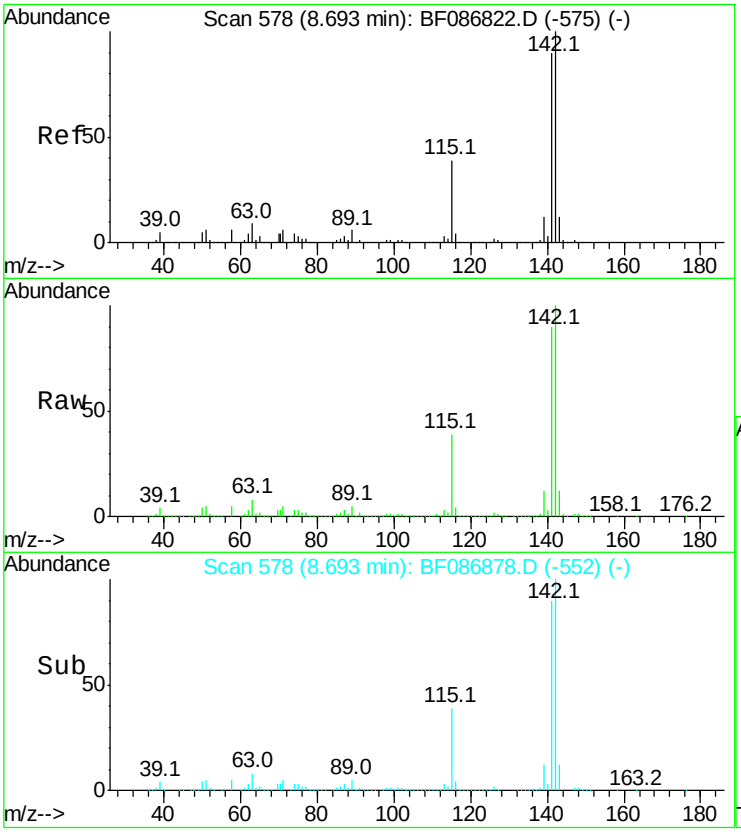


#33
4-Chloroaniline
Concen: 154.59 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Tgt Ion:127 Resp: 1716506

Ion	Ratio	Lower	Upper
127	100		
129	75.8	26.2	39.4#
65	0.0	23.0	34.4#
92	0.0	15.1	22.7#



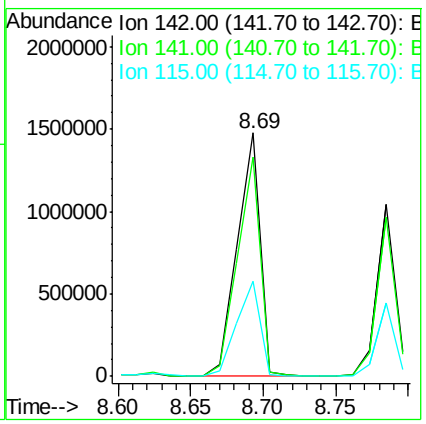


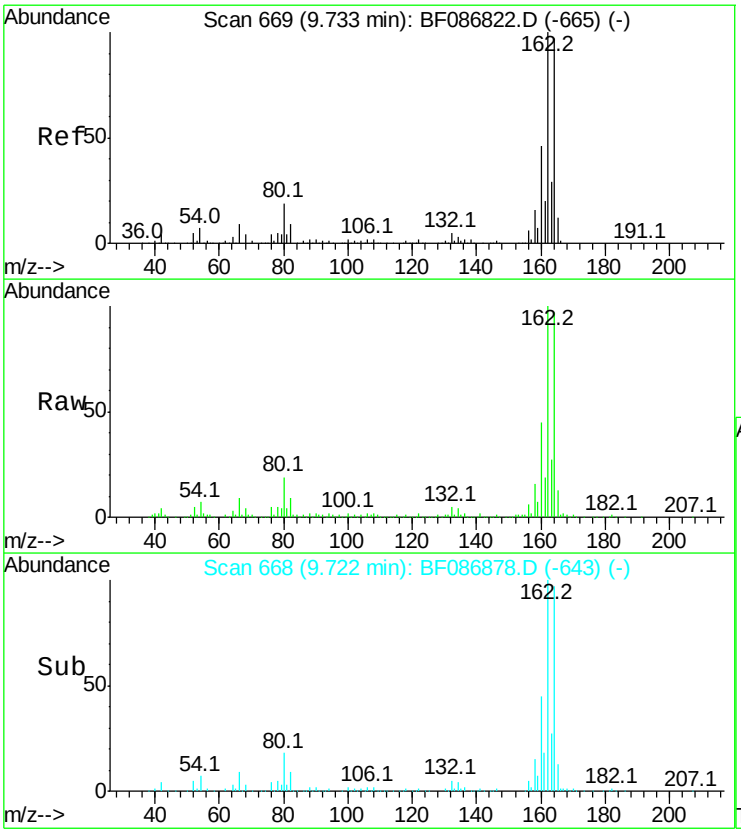
#37
2-Methylnaphthalene
Concen: 96.57 ng
RT: 8.69 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMPDL

Tgt Ion:142 Resp: 1613348

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.0	106.6
115	39.0	26.6	39.8

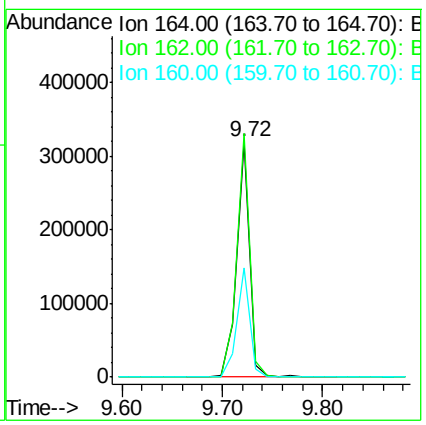


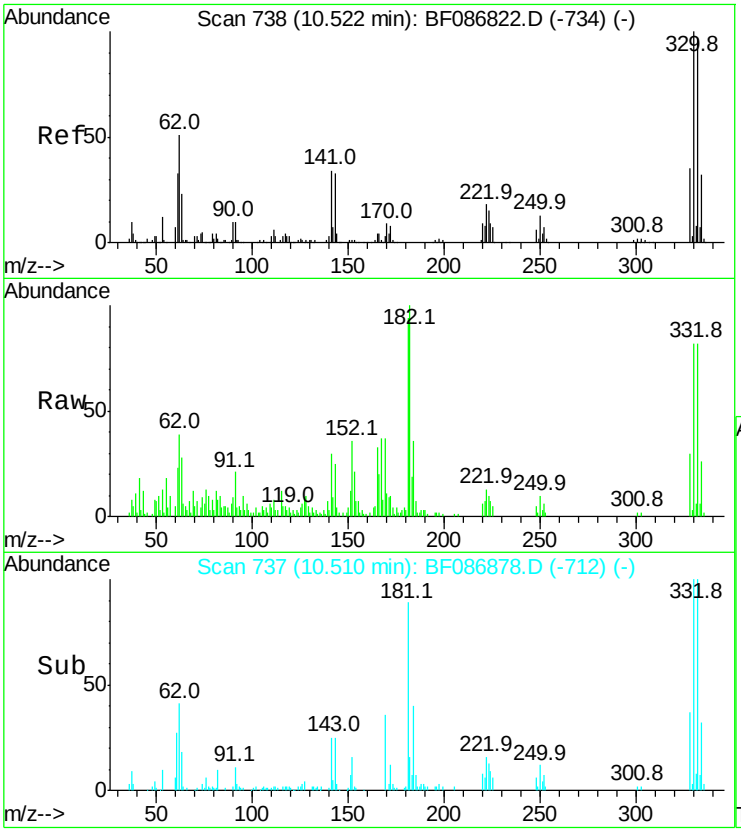


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Tgt Ion:164 Resp: 287146

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.8	124.2
160	46.5	36.9	55.3



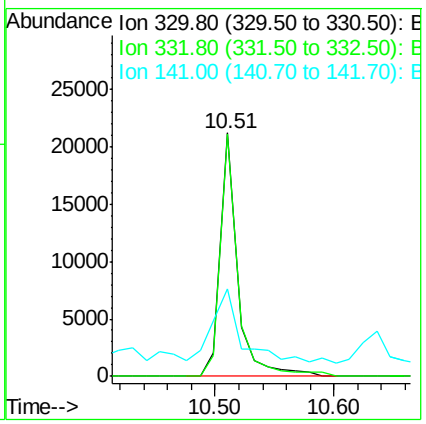


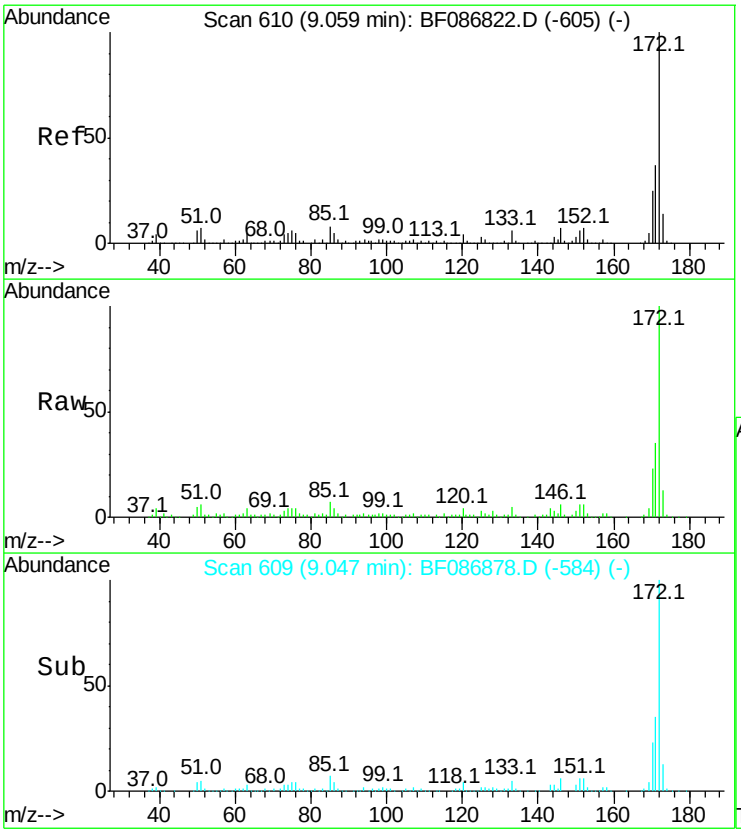
#41
2,4,6-Tribromophenol
Concen: 7.01 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMPDL

Tgt Ion:330 Resp: 21325

Ion	Ratio	Lower	Upper
330	100		
332	99.7	79.0	118.4
141	51.3	31.2	46.8#

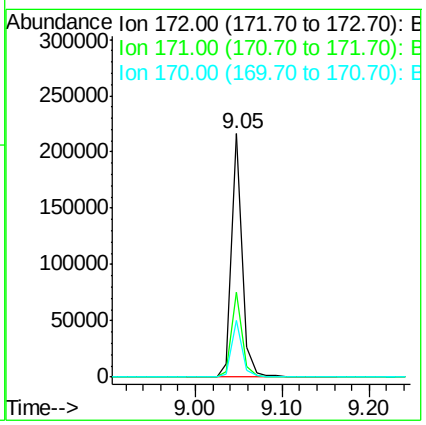


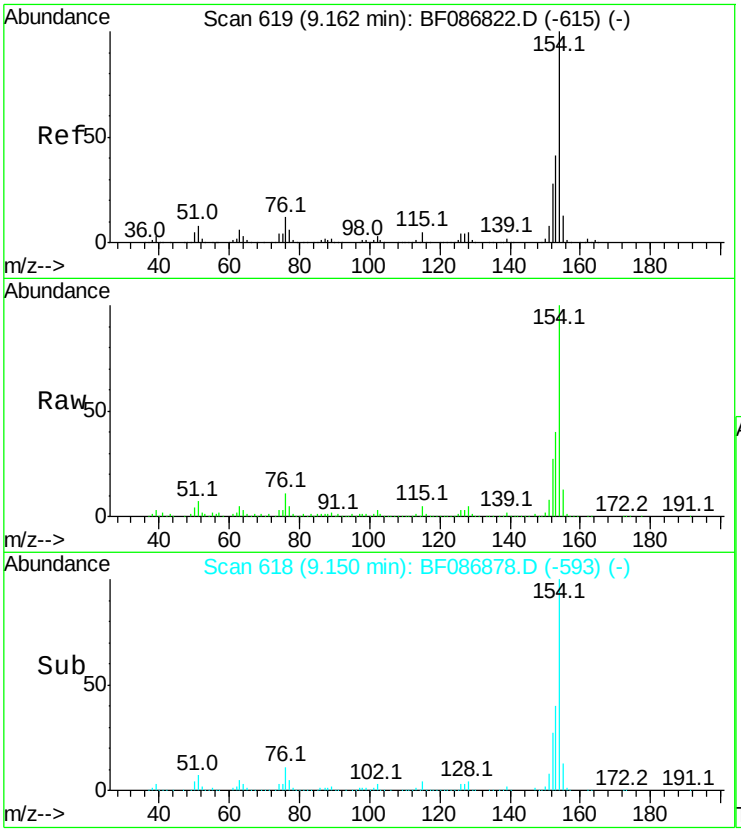


#44
2-Fluorobiphenyl
Concen: 10.67 ng
RT: 9.05 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Tgt Ion:172 Resp: 182358

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.0	43.6
170	23.4	19.8	29.8



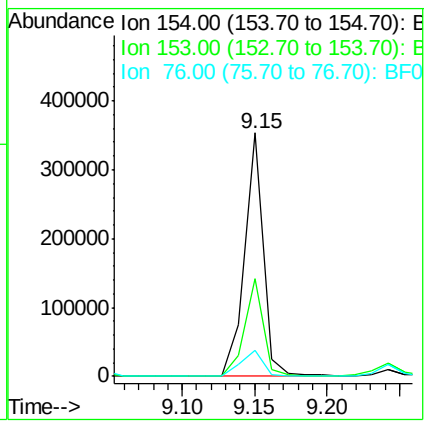


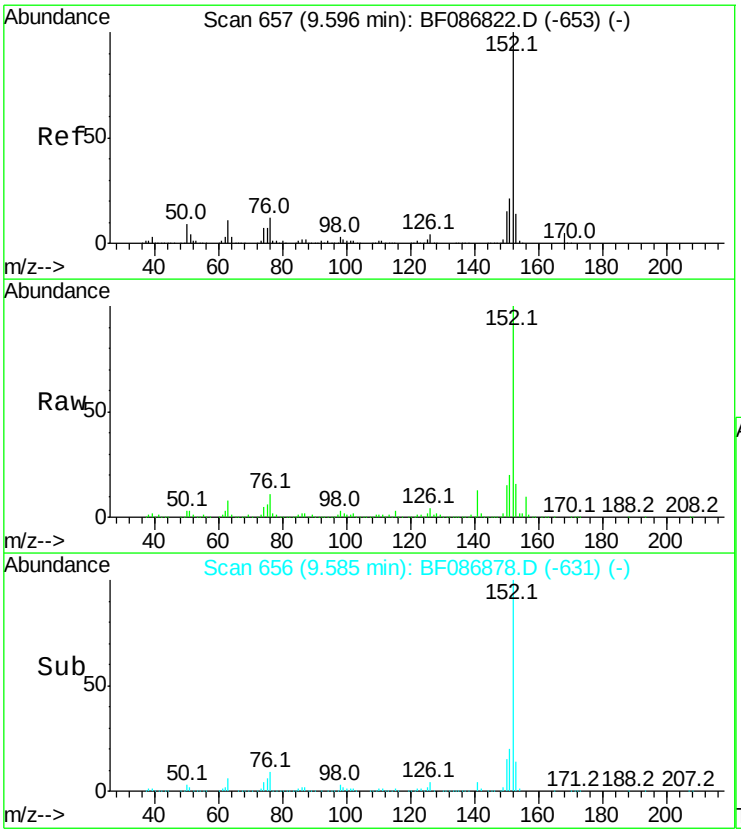
#45
1,1'-Biphenyl
Concen: 13.97 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMPDL

Tgt Ion:154 Resp: 319088

Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.3	60.3
76	10.6	0.0	30.2

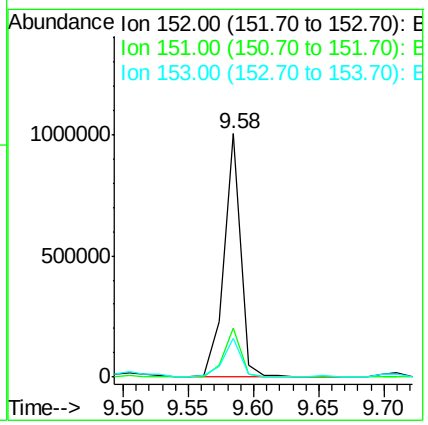


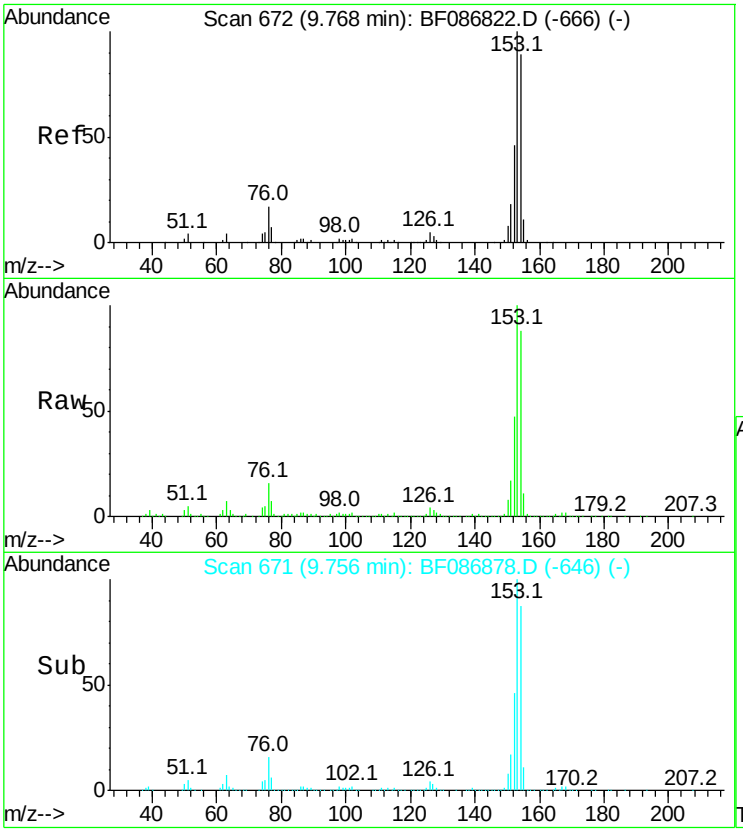


#48
Acenaphthylene
Concen: 33.94 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Tgt Ion:152 Resp: 893281

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	15.8	10.9	16.3



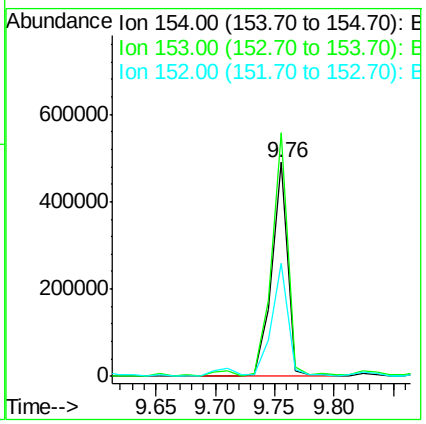


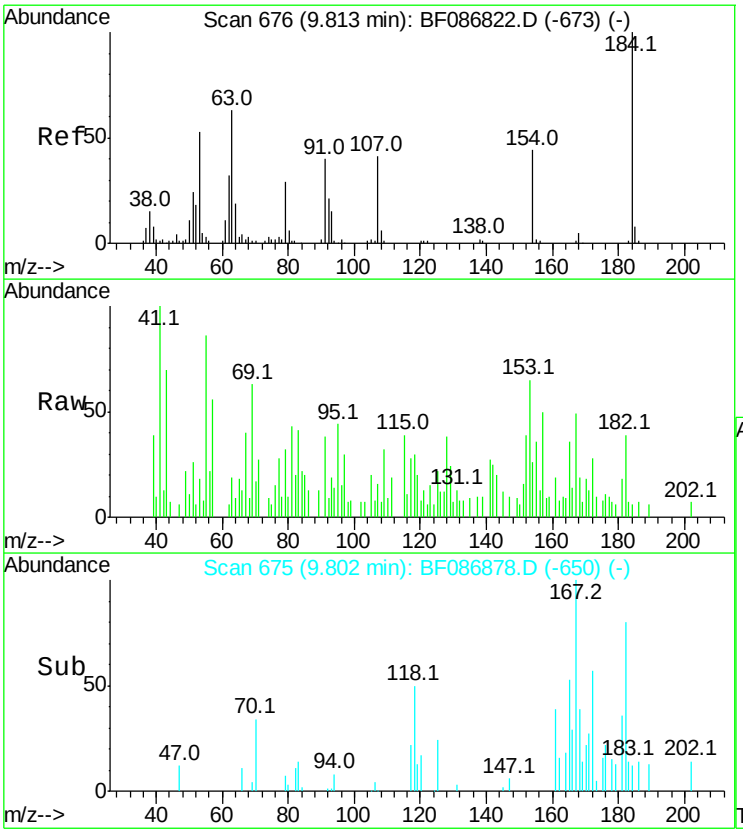
#51
Acenaphthene
Concen: 27.89 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMPDL

Tgt Ion:154 Resp: 456673

Ion	Ratio	Lower	Upper
154	100		
153	114.0	89.8	134.6
152	53.1	43.4	65.0

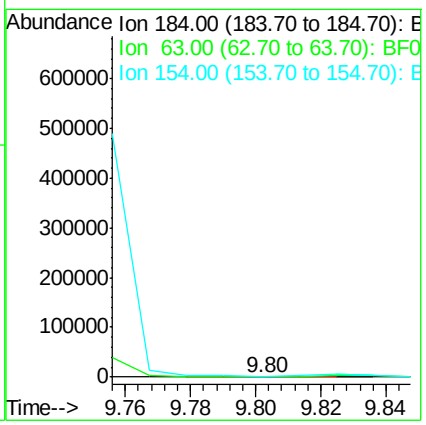


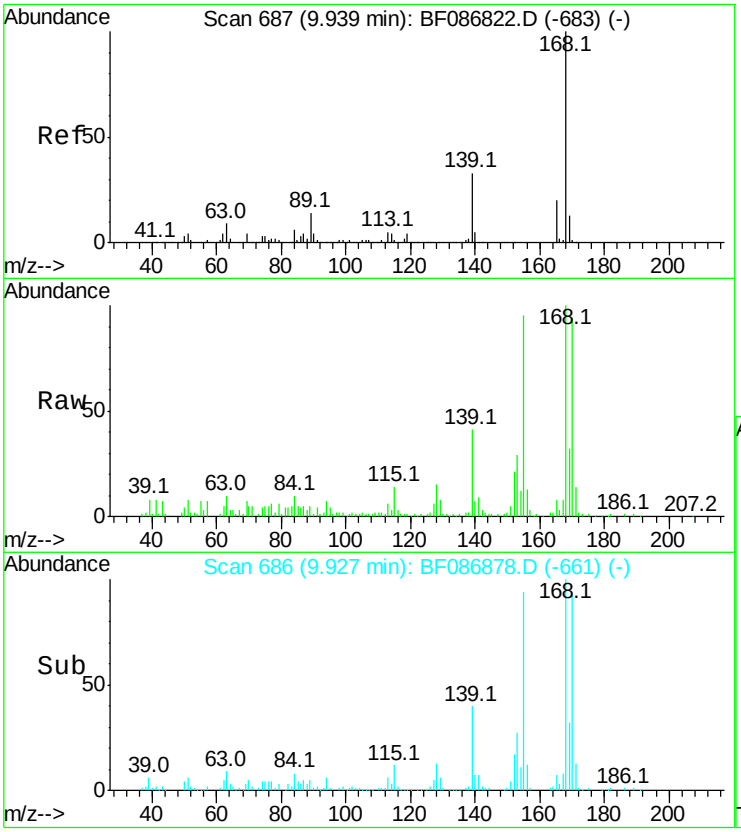


#53
2,4-Dinitrophenol
Concen: 7.77 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Tgt Ion:184 Resp: 215

Ion	Ratio	Lower	Upper
184	100		
63	339.0	55.8	83.8#
154	449.2	62.4	93.6#



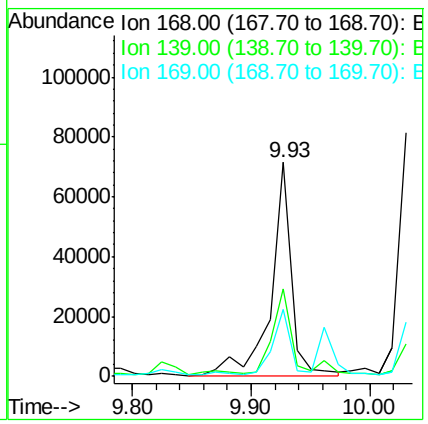


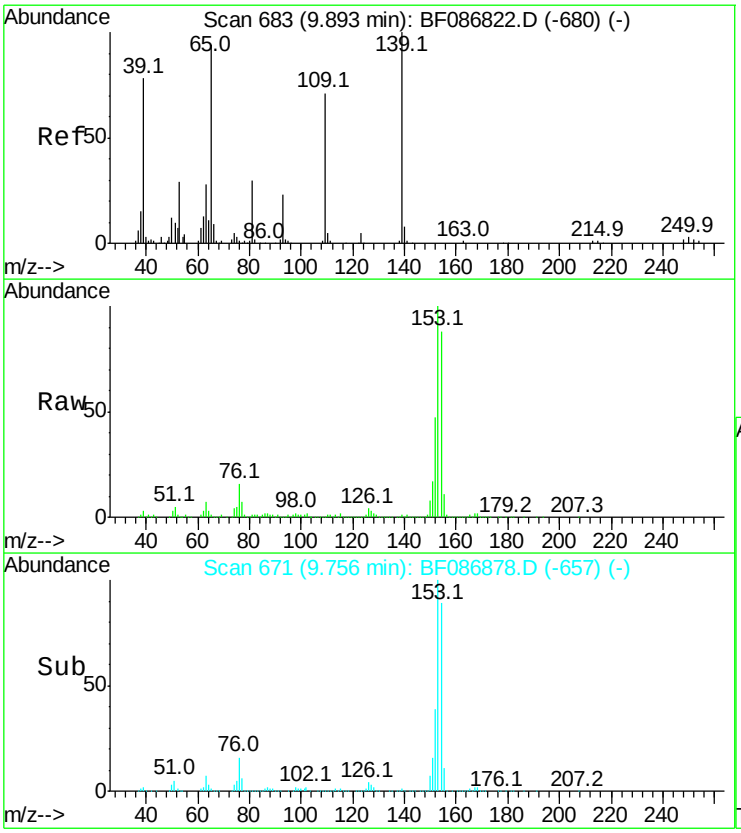
#54
Dibenzofuran
Concen: 4.02 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMPDL

Tgt Ion:168 Resp: 84421

Ion	Ratio	Lower	Upper
168	100		
139	40.9	31.4	47.0
169	31.6	10.7	16.1#

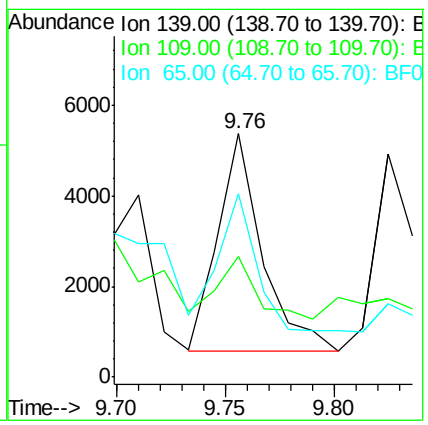


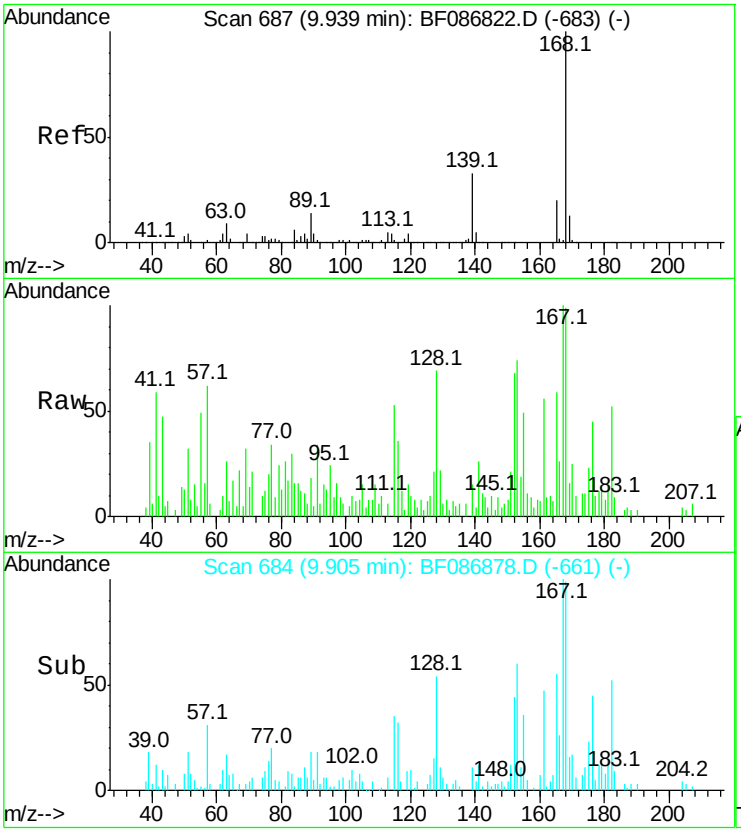


#55
4-Nitrophenol
Concen: 6.55 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.14 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Tgt Ion:139 Resp: 6834

Ion	Ratio	Lower	Upper
139	100		
109	49.6	36.9	76.9
65	75.3	64.0	104.0



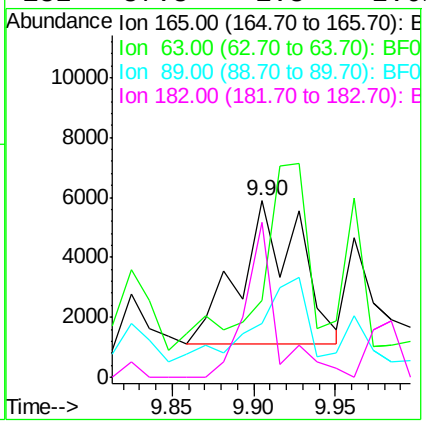


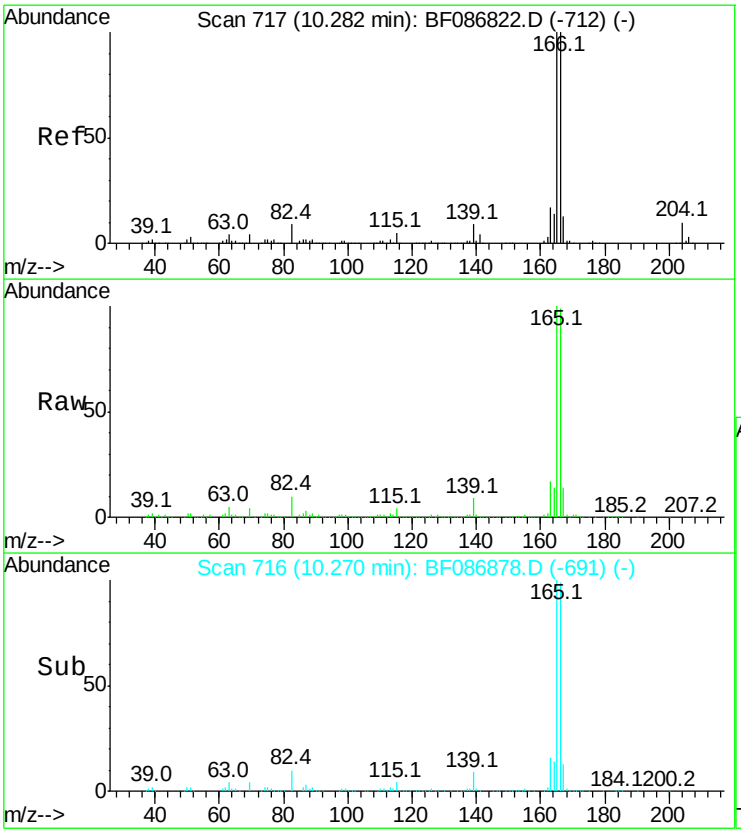
#56
2,4-Dinitrotoluene
Concen: 2.15 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMPDL

Tgt Ion:165 Resp: 12268

Ion	Ratio	Lower	Upper
165	100		
63	43.6	44.3	66.5#
89	30.3	70.0	105.0#
182	87.8	1.8	2.6#

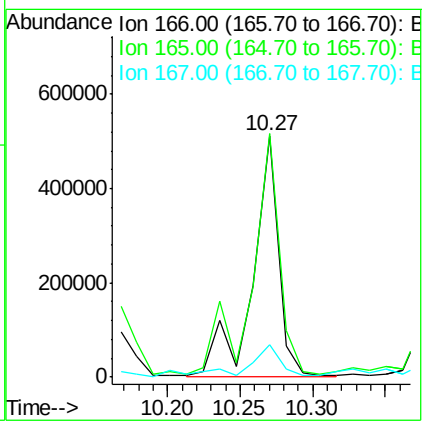


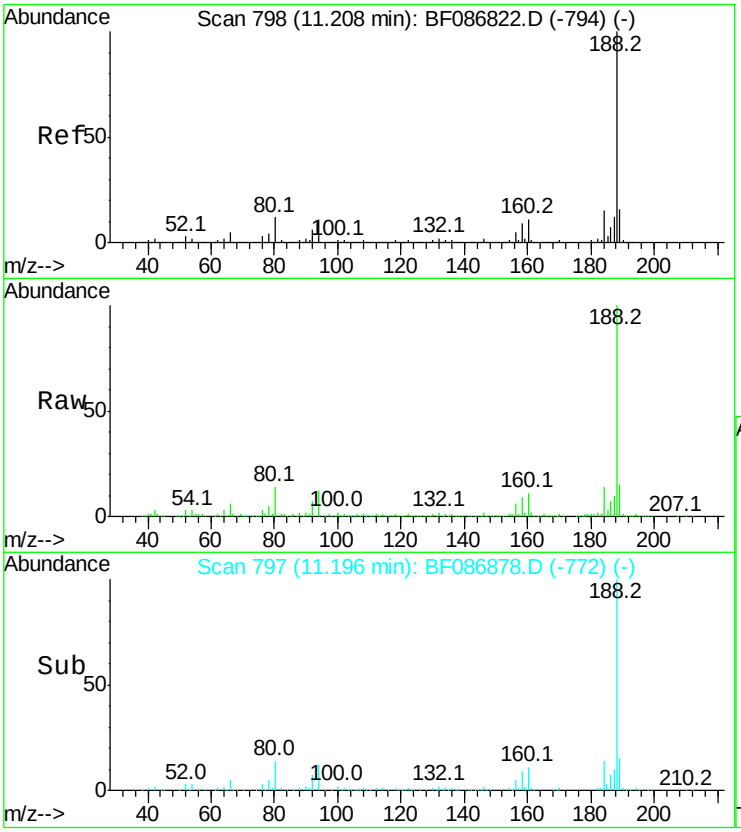


#57
Fluorene
Concen: 35.38 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Tgt Ion:166 Resp: 634136

Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.0	118.6
167	13.6	10.6	15.8



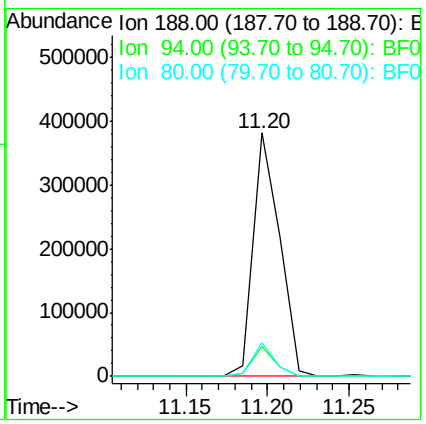


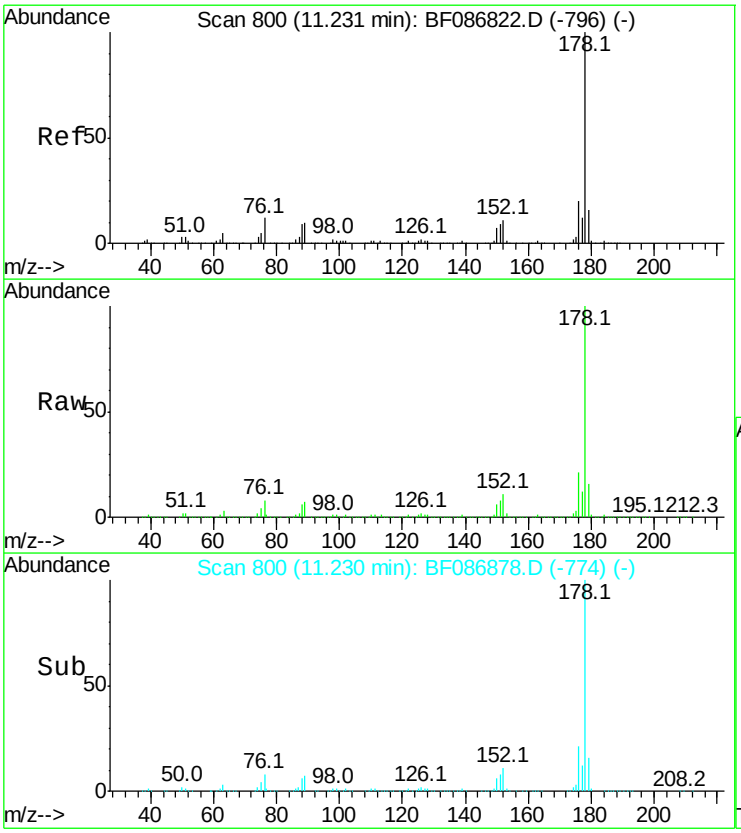
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMPDL

Tgt Ion:188 Resp: 433276

Ion	Ratio	Lower	Upper
188	100		
94	12.3	6.8	10.2#
80	13.8	7.1	10.7#

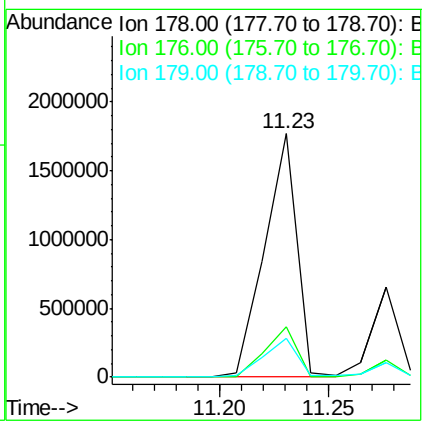


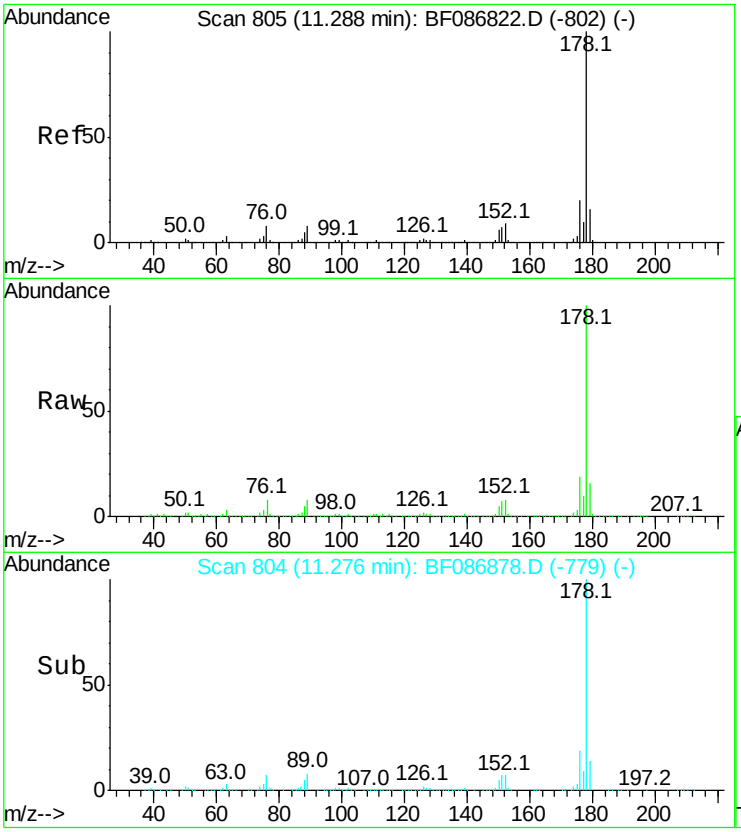


#70
Phenanthrene
Concen: 79.67 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Tgt Ion:178 Resp: 1842054

Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.0	24.0
179	15.8	12.6	18.8



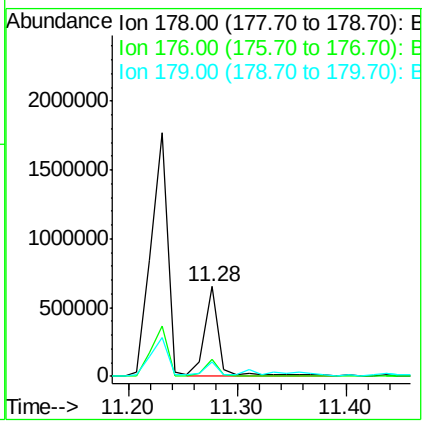


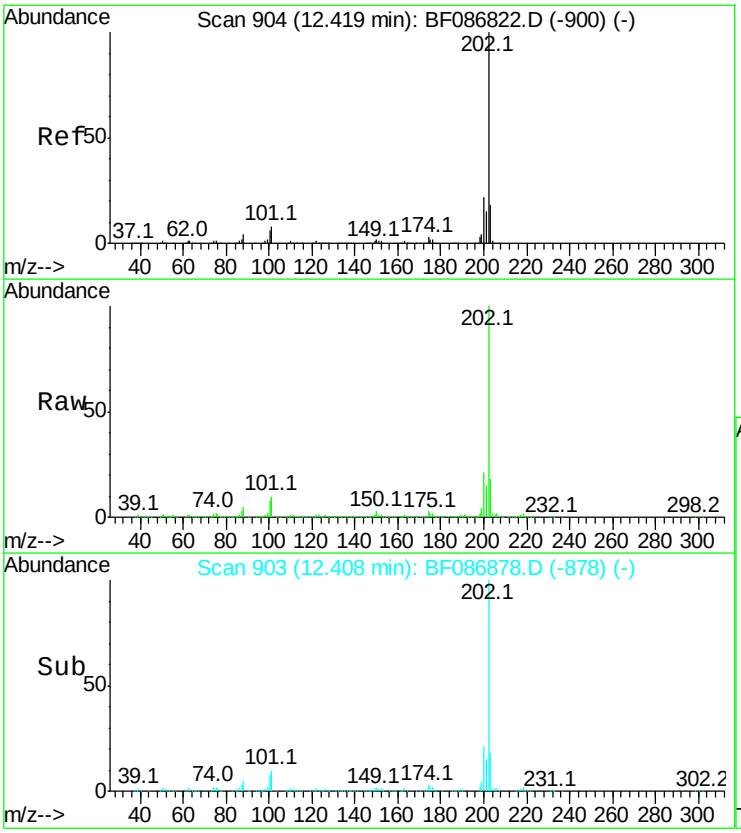
#71
Anthracene
Concen: 25.59 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMPDL

Tgt Ion:178 Resp: 605071

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	15.5	12.7	19.1

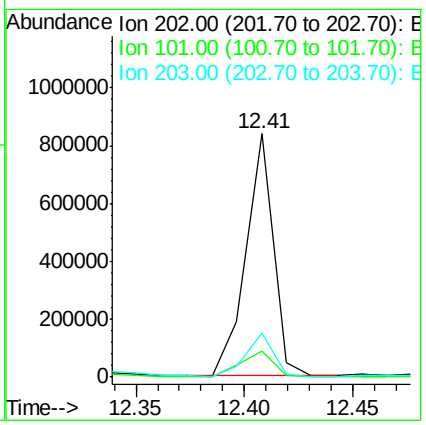


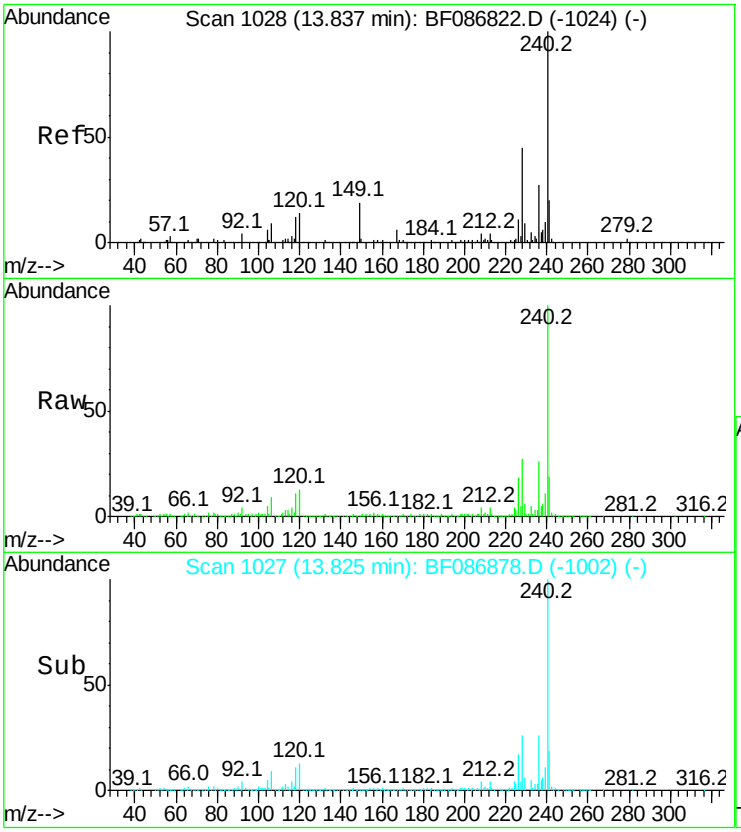


#74
Fluoranthene
Concen: 30.99 ng
RT: 12.41 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Tgt Ion:202 Resp: 737107

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	35.4
203	17.9	0.0	38.1



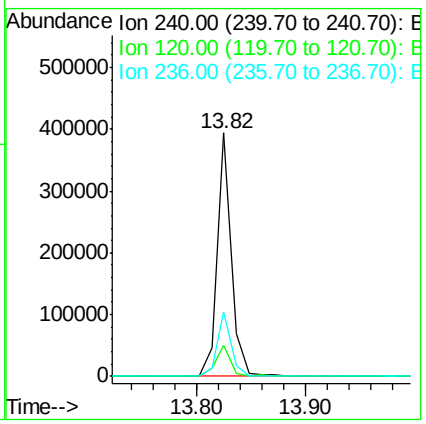


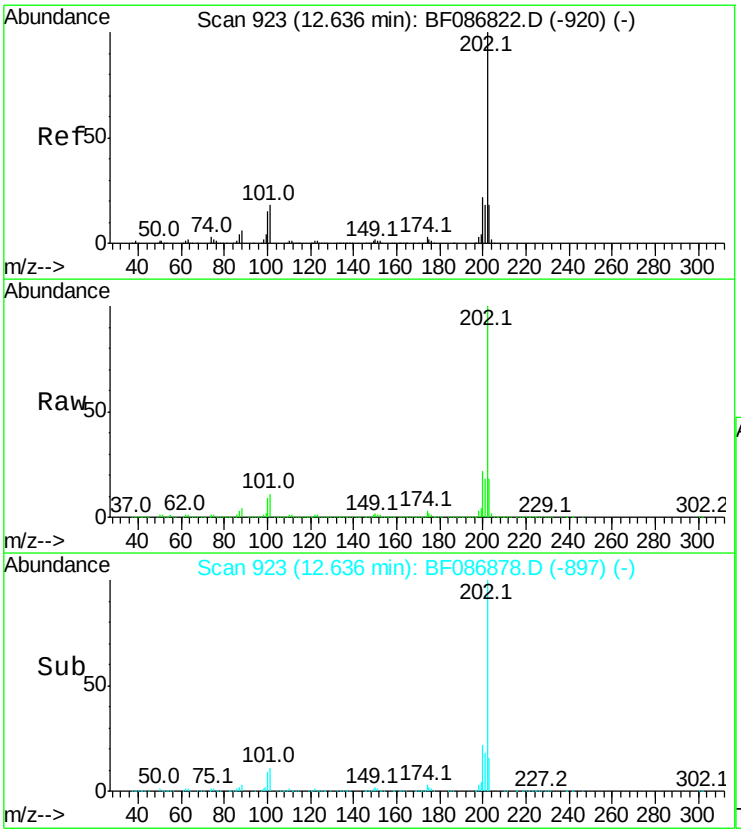
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMPDL

Tgt Ion:240 Resp: 356216

Ion	Ratio	Lower	Upper
240	100		
120	12.8	11.2	16.8
236	26.4	21.2	31.8

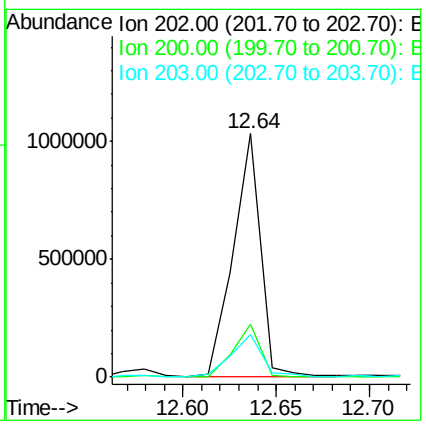


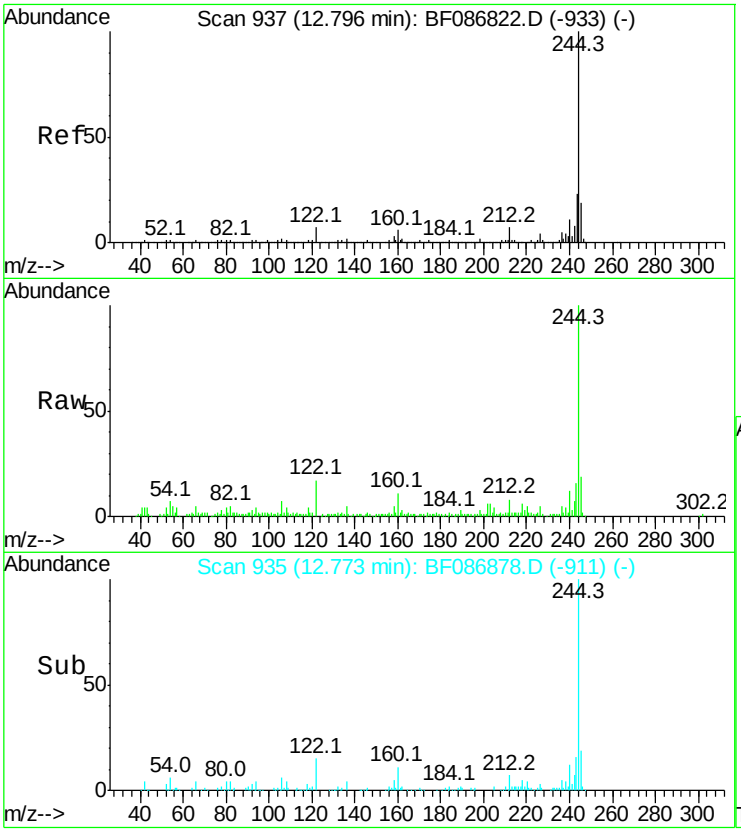


#77
Pyrene
Concen: 38.58 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Tgt Ion:202 Resp: 1052204

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	17.5	14.2	21.4



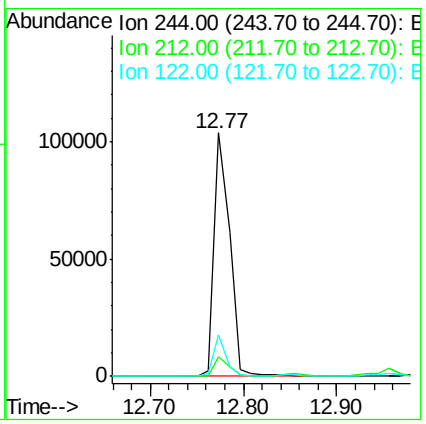


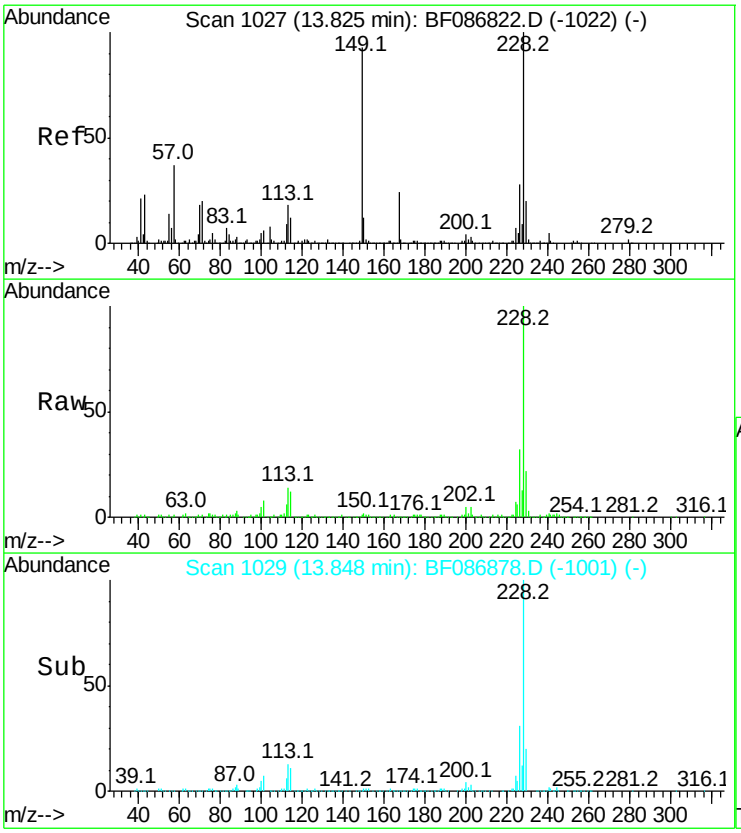
#78
Terphenyl-d14
Concen: 7.11 ng
RT: 12.77 min Scan# 935
Delta R.T. -0.02 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMPDL

Tgt Ion:244 Resp: 119319

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	17.1	12.0	18.0

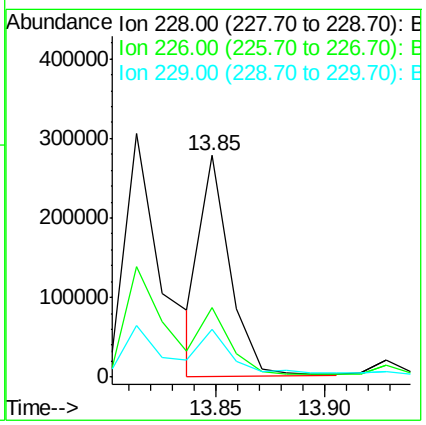


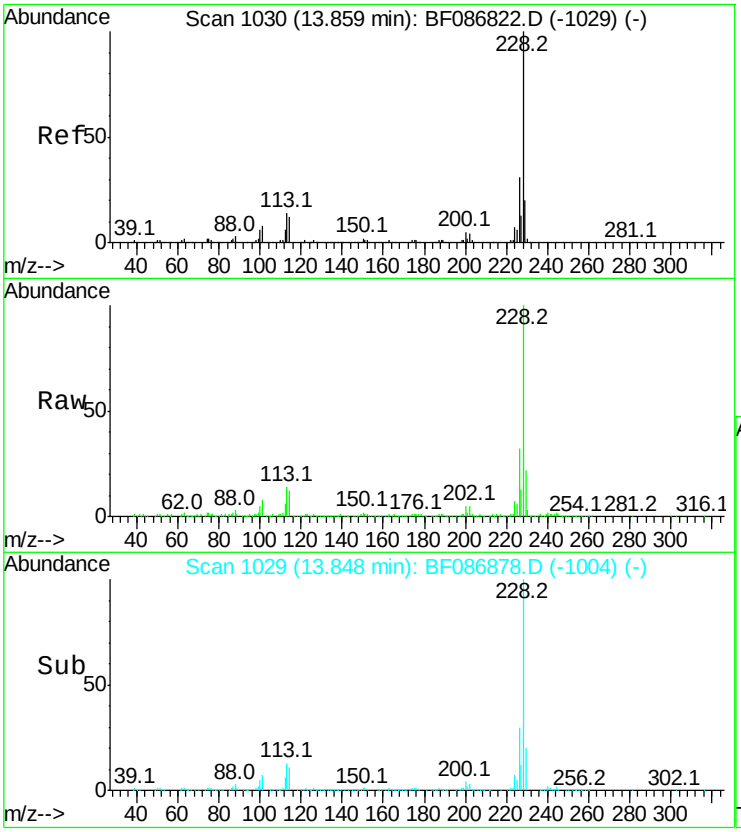


#80
Benzo(a)anthracene
Concen: 13.02 ng
RT: 13.85 min Scan# 1029
Delta R.T. 0.02 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Tgt Ion:228 Resp: 260294

Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.5	33.7
229	21.7	16.6	25.0



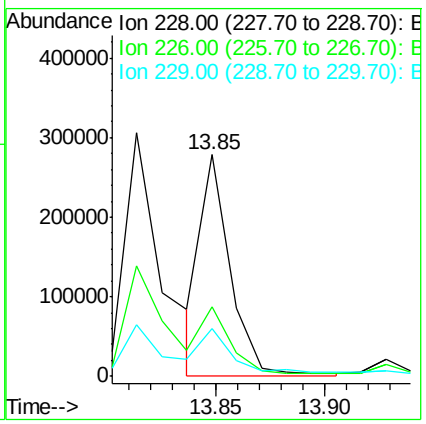


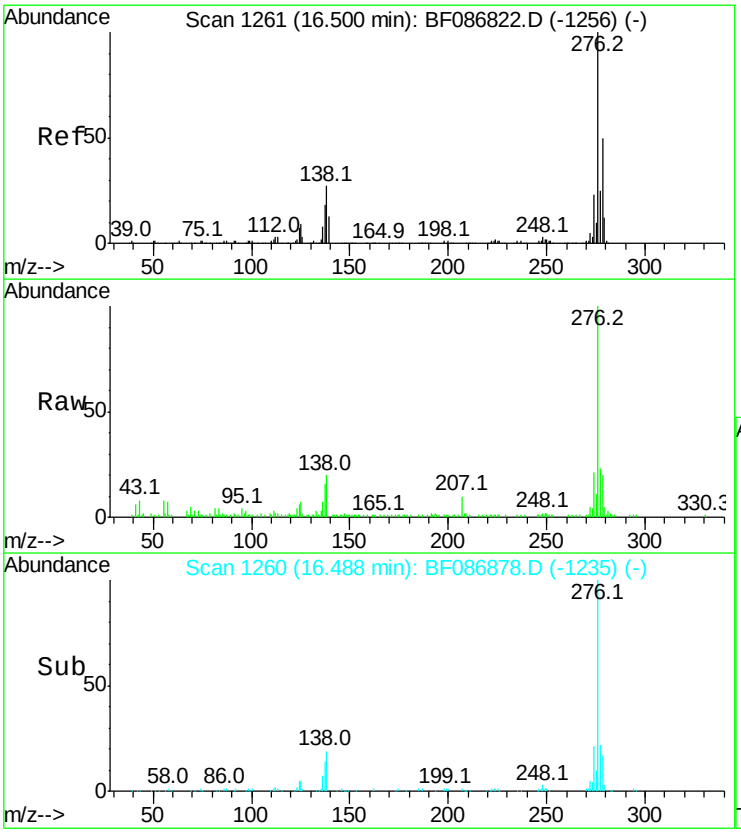
#82
Chrysene
Concen: 12.83 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMPDL

Tgt Ion:228 Resp: 261000

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.4	36.6
229	21.7	15.8	23.8

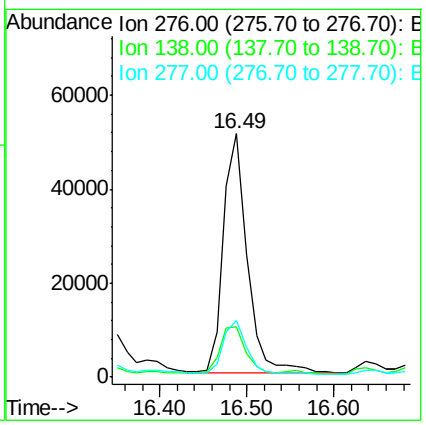


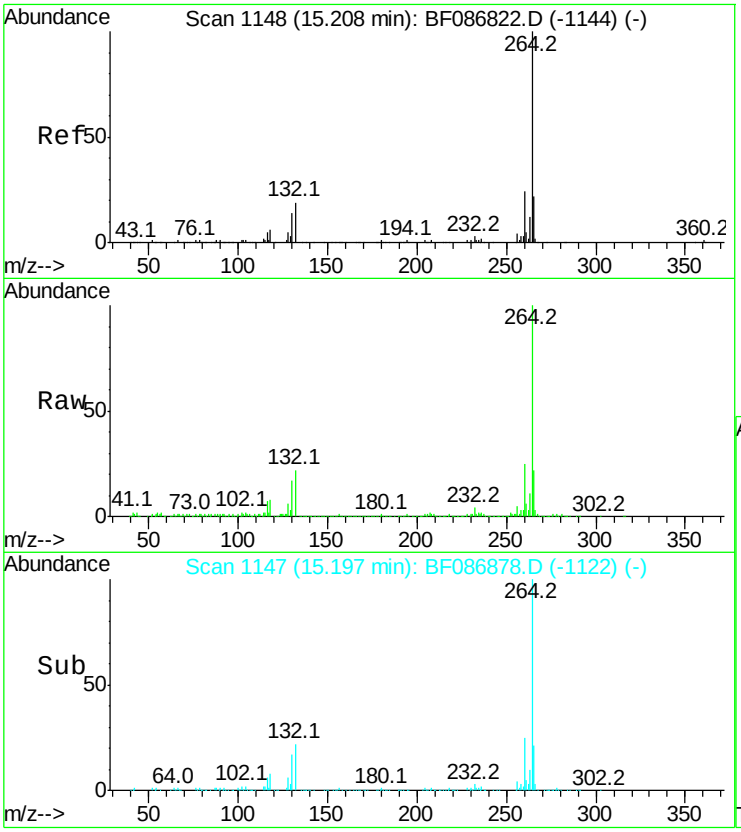


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.75 ng
RT: 16.49 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Tgt Ion:276 Resp: 97259

Ion	Ratio	Lower	Upper
276	100		
138	21.1	25.6	38.4#
277	23.0	20.5	30.7



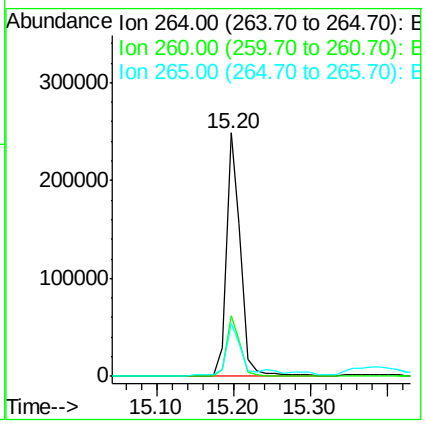


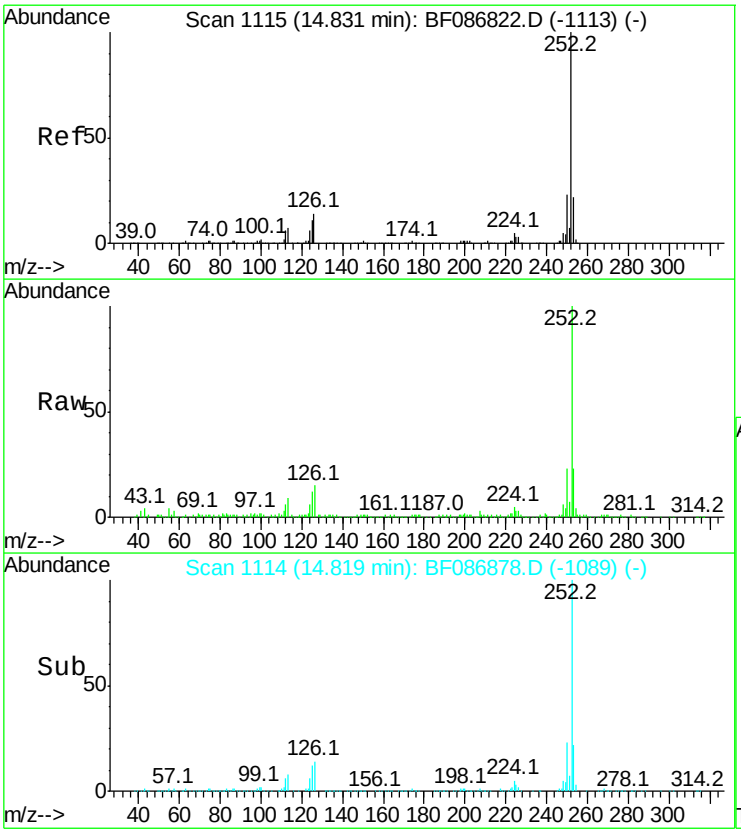
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMPDL

Tgt Ion:264 Resp: 324249

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.8	17.3	25.9

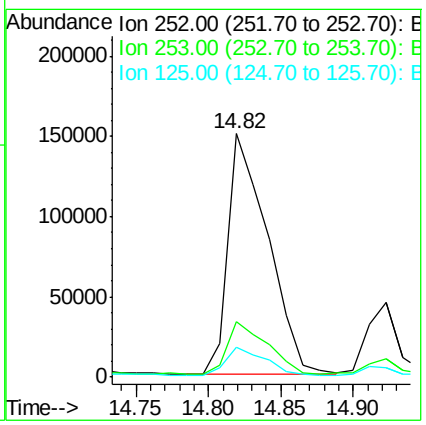


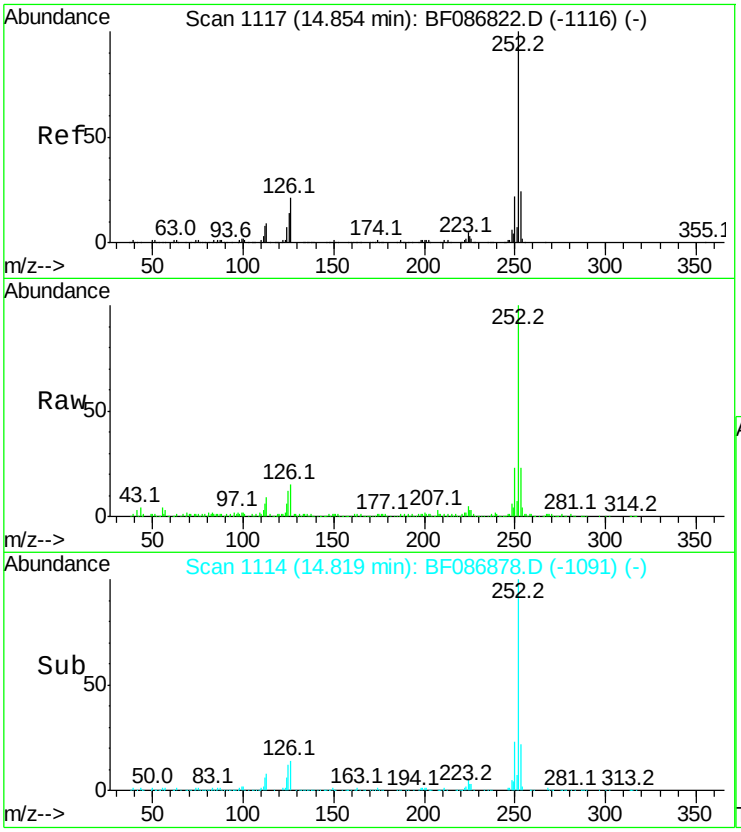


#87
Benzo(b)fluoranthene
Concen: 13.56 ng
RT: 14.82 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Tgt Ion:252 Resp: 285781

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	12.5	11.4	17.0



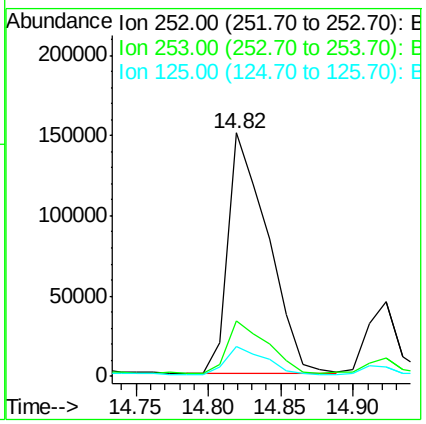


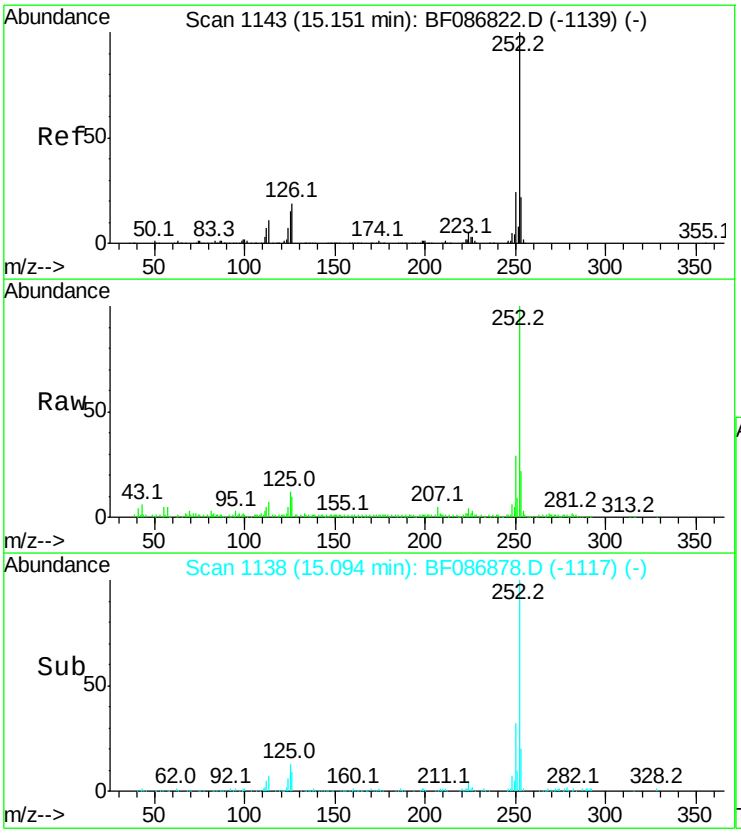
#88
Benzo(k)fluoranthene
Concen: 16.56 ng
RT: 14.82 min Scan# 1114
Delta R.T. -0.03 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMPDL

Tgt Ion:252 Resp: 285781

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	12.5	9.1	13.7

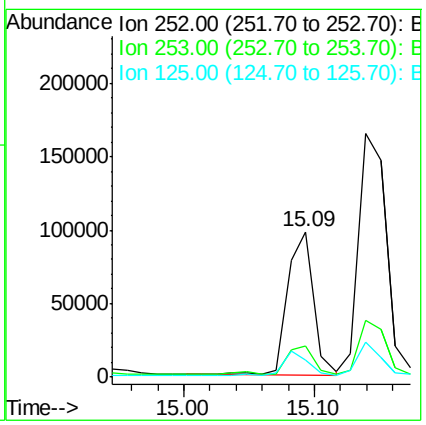


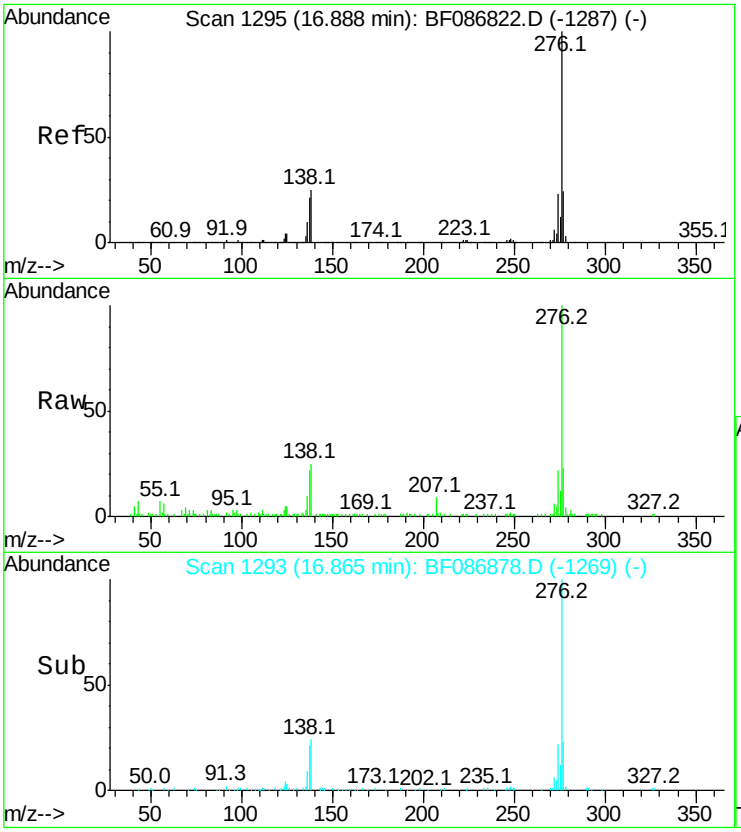


#89
Benzo(a)pyrene
Concen: 7.43 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.06 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Tgt Ion:252 Resp: 135024

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	11.7	9.0	13.6





#91
Benzo(g,h,i)perylene
Concen: 7.19 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMPDL

Tgt Ion:276 Resp: 111903

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.6	29.4
138	24.7	23.6	35.4