Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
Data File : BF087381.D
Acq On : 25 May 2016 20:10
Operator : UM/SJ
Sample : H3211-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1330+60(0-4)

Quant Time: May 25 22:31:25 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	113955	20.00	ng		0.00
21) Naphthalene-d8	9.54	136	437456	20.00	ng		-0.01
38) Acenaphthene-d10	12.38	164	178681	20.00	ng		-0.01
63) Phenanthrene-d10	14.77	188	281063	20.00	ng		-0.01
75) Chrysene-d12	18.47	240	241415	20.00	ng		-0.01
86) Perylene-d12	20.14	264	187376	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	678726	104.66	ng		0.00
7) Phenol-d6	7.06	99	997610	113.84	ng		-0.01
23) Nitrobenzene-d5	8.43	82	663154	76.40	ng		-0.01
41) 2,4,6-Tribromophenol	13.67	330	177755	103.52	ng		-0.01
44) 2-Fluorobiphenyl	11.32	172	1014350	80.03	ng		-0.01
78) Terphenyl-d14	17.13	244	691184	60.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.64	88	115383	33.72	ng	#	22
19) n-Nitroso-di-n-propylamine	8.43	70	92482	14.15	ng	#	77
48) Acenaphthylene	12.15	152	178485	9.80	ng		98
49) Dimethylphthalate	12.02	163	185471	12.96	ng		99
55) 4-Nitrophenol	12.72	139	3737	2.65	ng	#	14
70) Phenanthrene	14.81	178	186584	11.98	ng		98
71) Anthracene	14.89	178	129192	8.21	ng		98
74) Fluoranthene	16.57	202	668618	42.83	ng		95
77) Pyrene	16.88	202	633289	36.44	ng		99
80) Benzo(a)anthracene	18.50	228	316914	23.08	ng		96
82) Chrysene	18.50	228	320787	23.54	ng		97
85) Indeno(1,2,3-cd)pyrene	21.36	276	165944	15.19	ng	#	88
87) Benzo(b)fluoranthene	19.84	252	107902	9.04	ng		98
88) Benzo(k)fluoranthene	19.74	252	621886	60.53	ng		98
89) Benzo(a)pyrene	20.08	252	267661	25.93	ng		97
90) Dibenzo(a,h)anthracene	21.50	278	30892	3.51	ng		95
91) Benzo(g,h,i)perylene	21.71	276	139495	16.06	ng	#	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
Data File : BF087381.D
Acq On : 25 May 2016 20:10
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Instrument :
BNA_F
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TA-1330+60(0-4)

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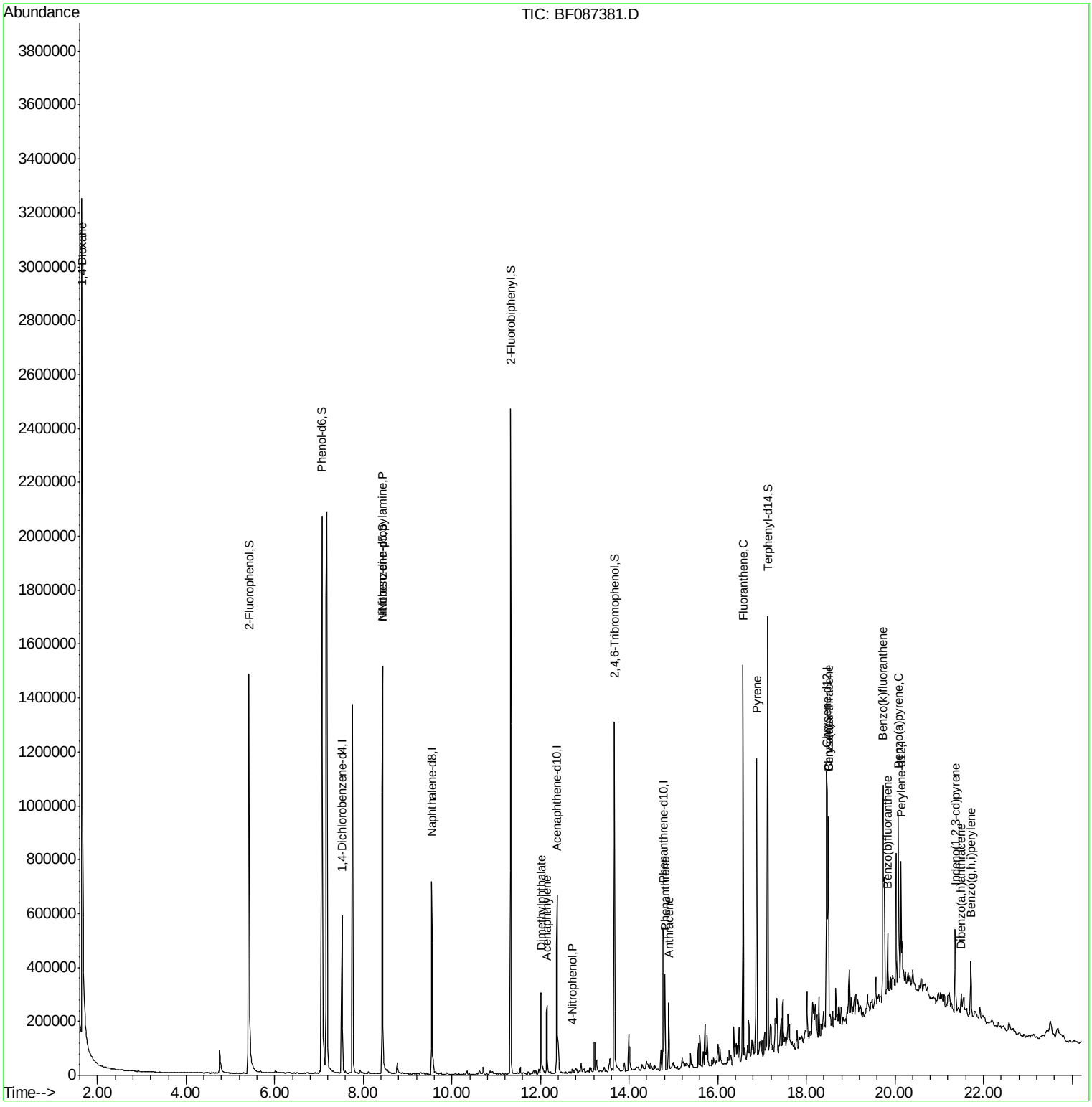
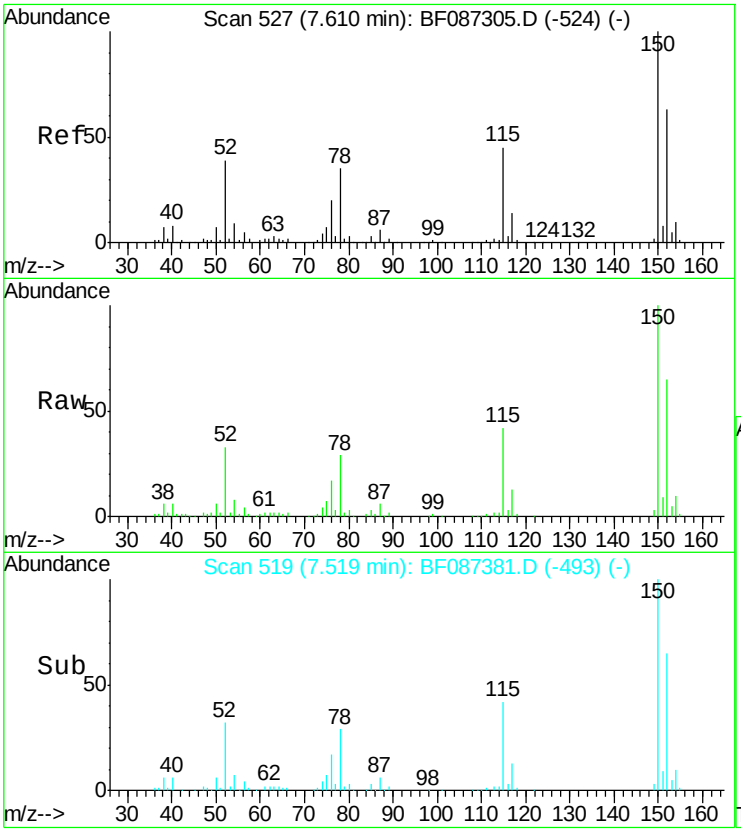


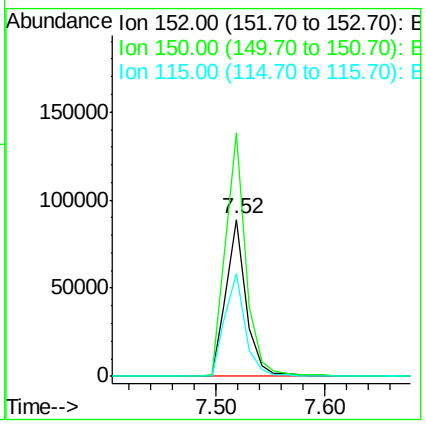


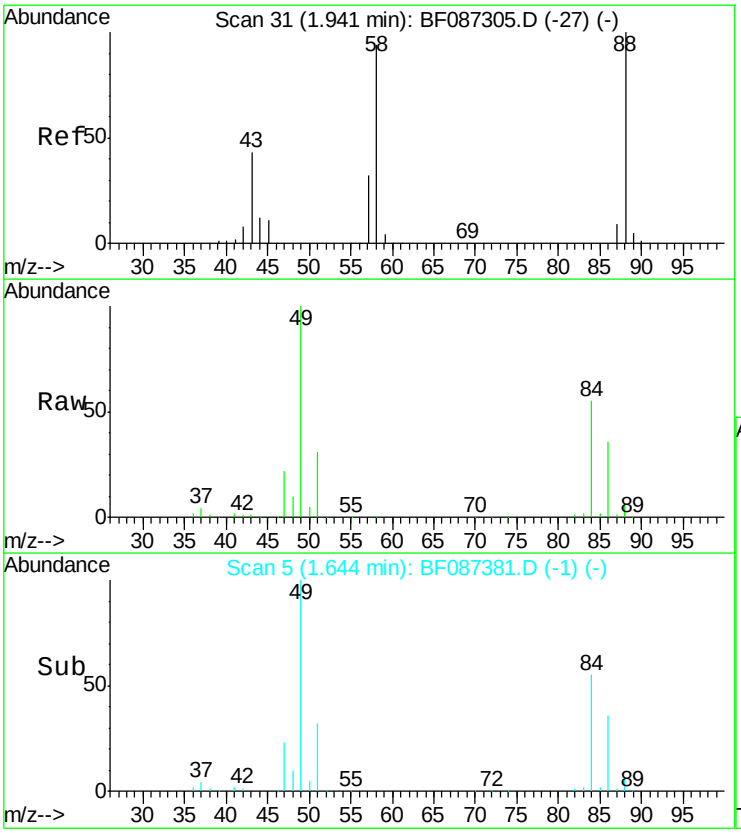
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF087381.D
Acq: 25 May 2016 20:10

Instrument :
BNA_F
ClientSampleId :
TA-1330+60(0-4)

Tgt Ion:152 Resp: 113955

Ion	Ratio	Lower	Upper
152	100		
150	154.9	125.8	188.6
115	65.4	51.5	77.3

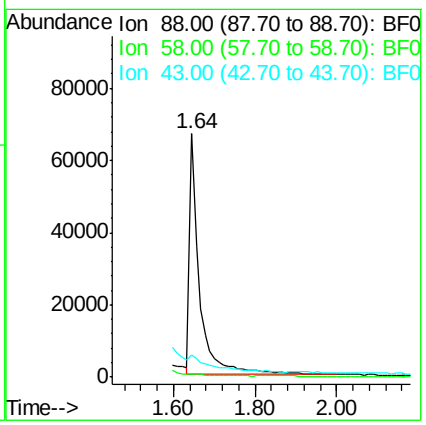


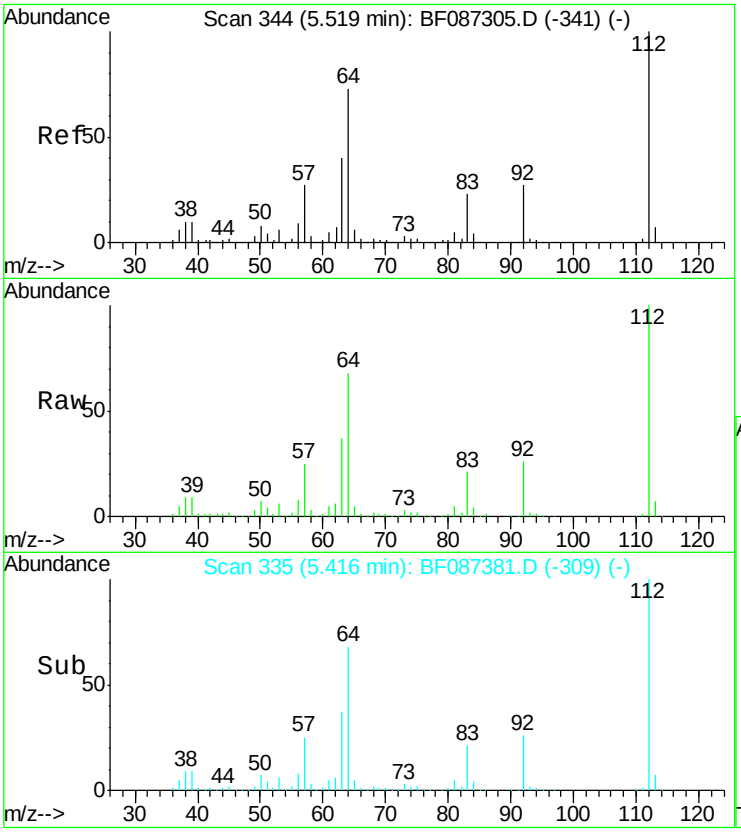


#2
1,4-Dioxane
Concen: 33.72 ng
RT: 1.64 min Scan# 5
Delta R.T. -0.17 min
Lab File: BF087381.D
Acq: 25 May 2016 20:10

Tgt Ion: 88 Resp: 115383

Ion	Ratio	Lower	Upper
88	100		
58	0.0	59.6	89.4#
43	0.0	21.8	32.6#



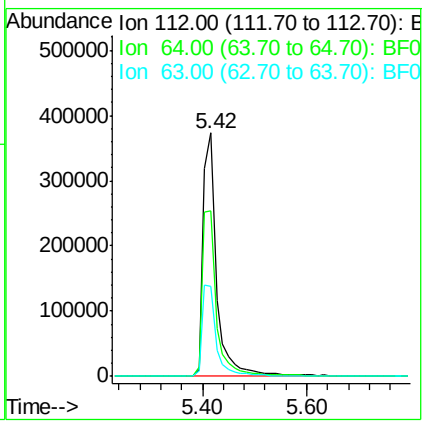


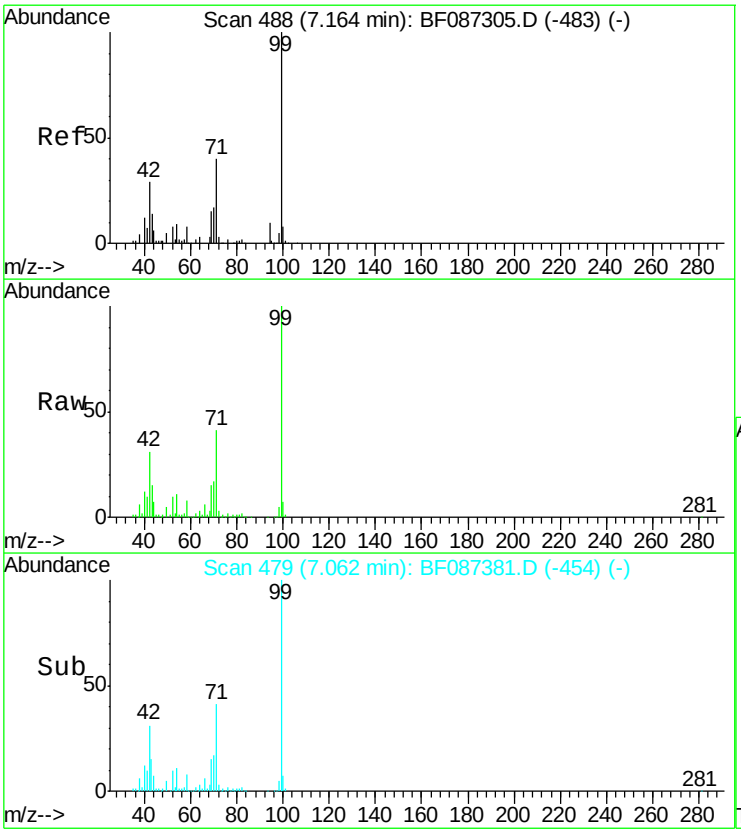
#5
2-Fluorophenol
Concen: 104.66 ng
RT: 5.42 min Scan# 335
Delta R.T. -0.00 min
Lab File: BF087381.D
Acq: 25 May 2016 20:10

Instrument :
BNA_F
ClientSampleId :
TA-1330+60(0-4)

Tgt Ion:112 Resp: 678726

Ion	Ratio	Lower	Upper
112	100		
64	68.2	52.1	78.1
63	37.2	25.7	38.5

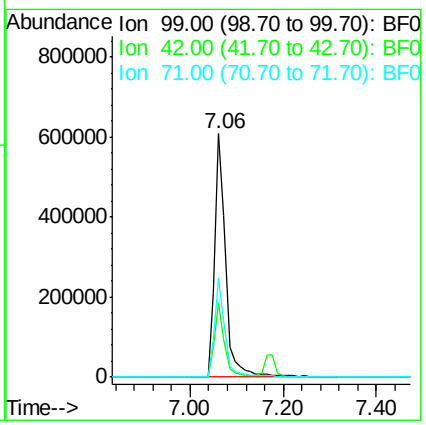


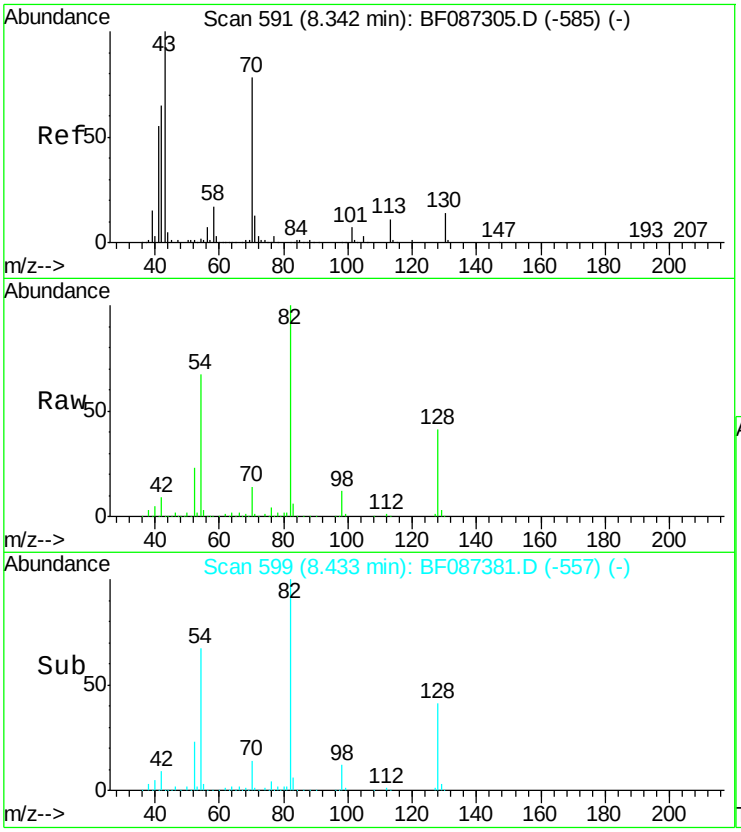


#7
Phenol-d6
Concen: 113.84 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF087381.D
Acq: 25 May 2016 20:10

Tgt Ion: 99 Resp: 997610

Ion	Ratio	Lower	Upper
99	100		
42	30.9	13.6	20.4#
71	40.9	24.6	36.8#



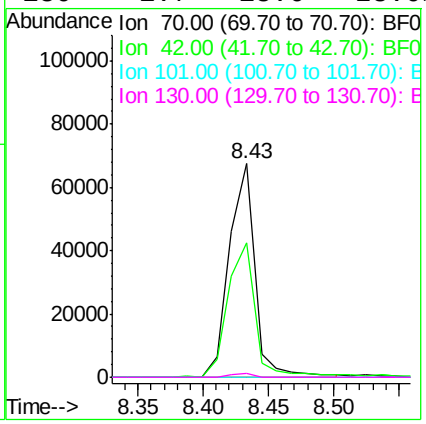


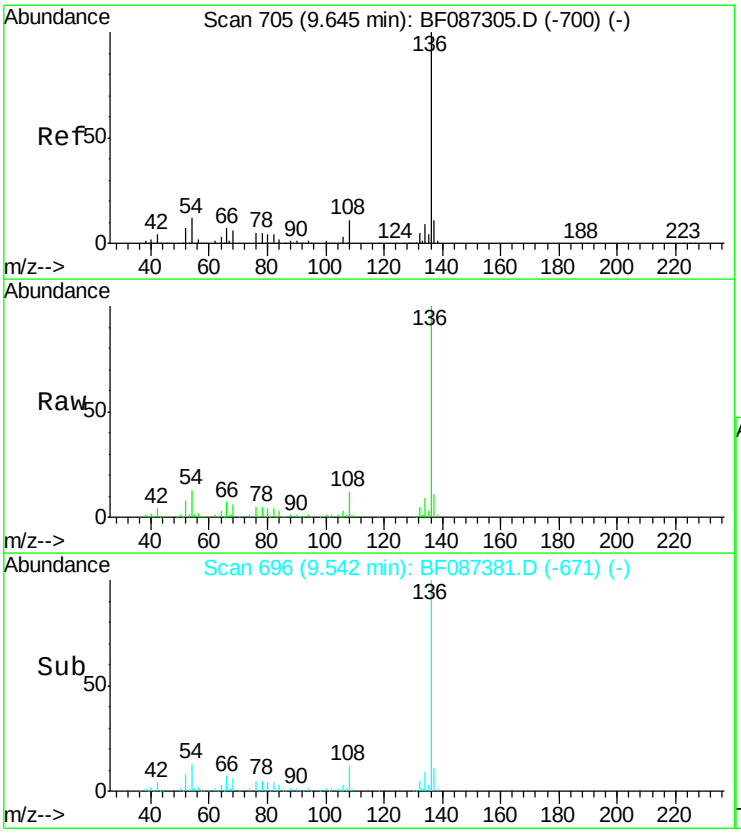
#19
n-Nitroso-di-n-propylamine
Concen: 14.15 ng
RT: 8.43 min Scan# 599
Delta R.T. 0.18 min
Lab File: BF087381.D
Acq: 25 May 2016 20:10

Instrument :
BNA_F
ClientSampleId :
TA-1330+60(0-4)

Tgt Ion: 70 Resp: 92482

Ion	Ratio	Lower	Upper
70	100		
42	63.0	43.1	64.7
101	0.0	8.1	12.1#
130	1.7	18.6	28.0#

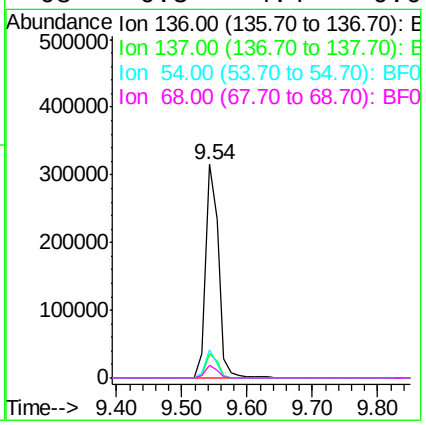


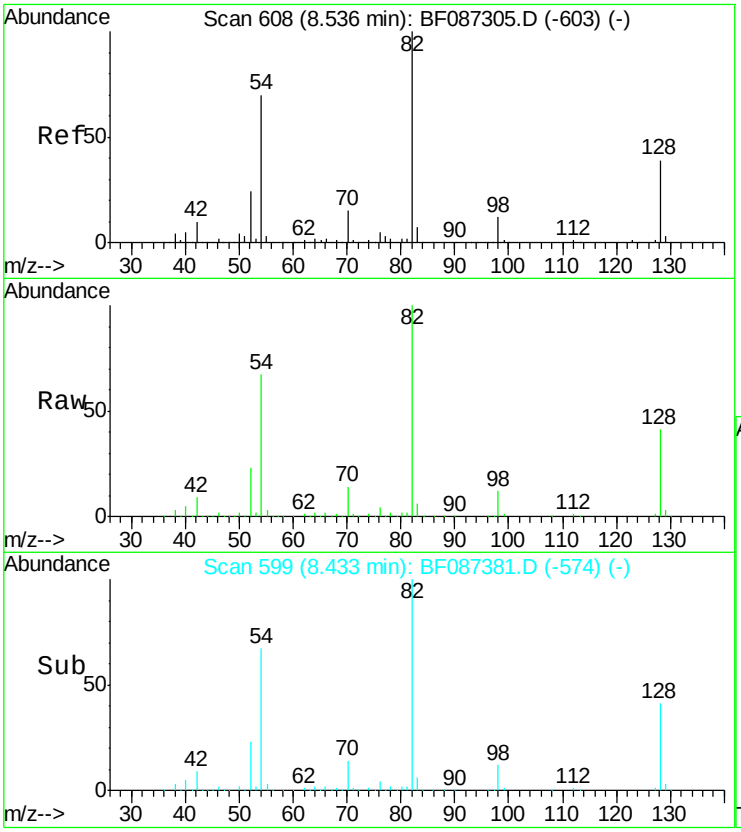


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF087381.D
Acq: 25 May 2016 20:10

Tgt Ion:136 Resp: 437456

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	13.1	5.0	7.4#
68	6.3	4.4	6.6



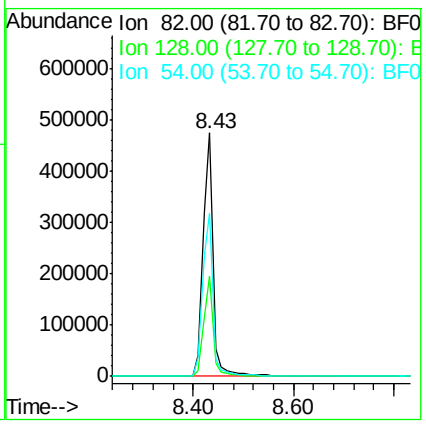


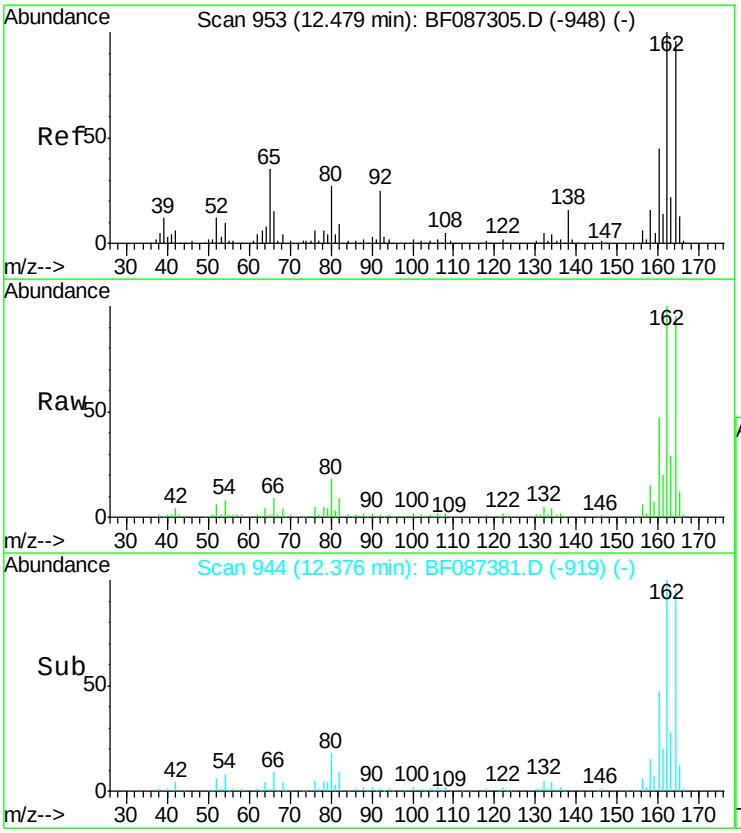
#23
Nitrobenzene-d5
Concen: 76.40 ng
RT: 8.43 min Scan# 599
Delta R.T. -0.01 min
Lab File: BF087381.D
Acq: 25 May 2016 20:10

Instrument :
BNA_F
ClientSampleId :
TA-1330+60(0-4)

Tgt Ion: 82 Resp: 663154

Ion	Ratio	Lower	Upper
82	100		
128	41.4	40.6	61.0
54	66.8	38.1	57.1#

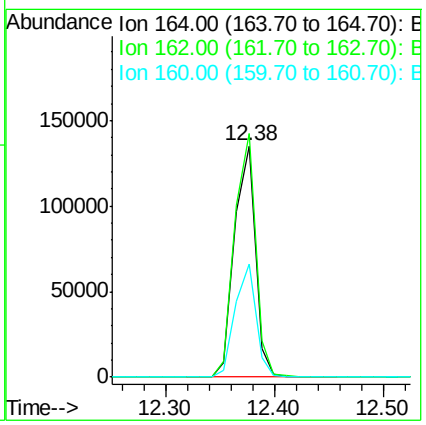


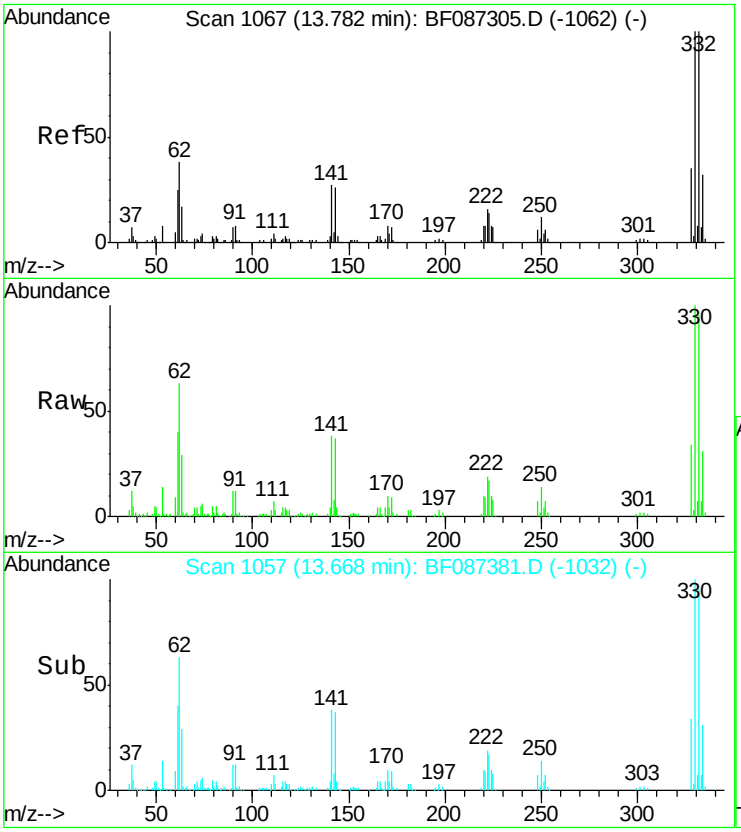


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.38 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF087381.D
Acq: 25 May 2016 20:10

Tgt Ion:164 Resp: 178681

Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.8	124.2
160	49.1	36.9	55.3



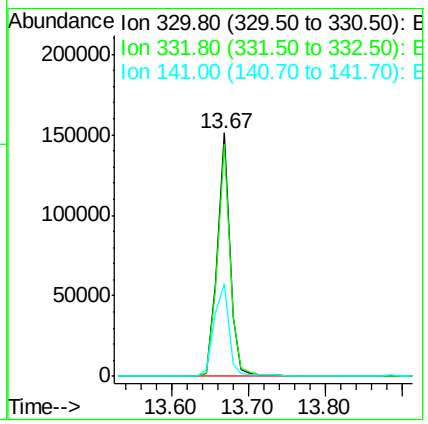


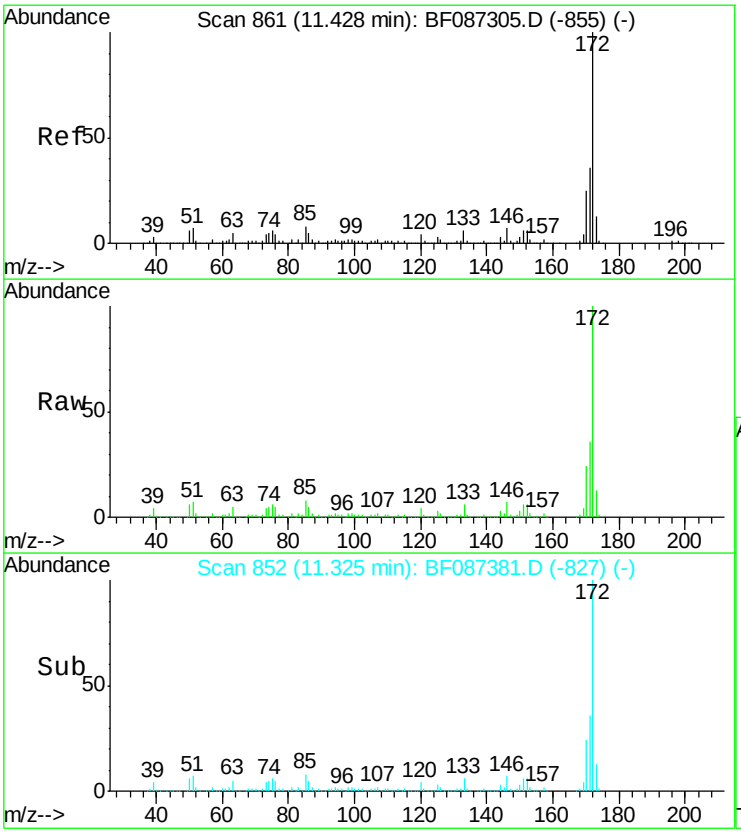
#41
2,4,6-Tribromophenol
Concen: 103.52 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF087381.D
Acq: 25 May 2016 20:10

Instrument :
BNA_F
ClientSampleId :
TA-1330+60(0-4)

Tgt Ion:330 Resp: 177755

Ion	Ratio	Lower	Upper
330	100		
332	95.8	79.0	118.4
141	44.8	31.2	46.8

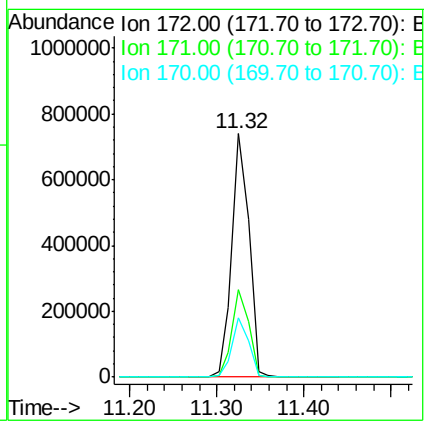


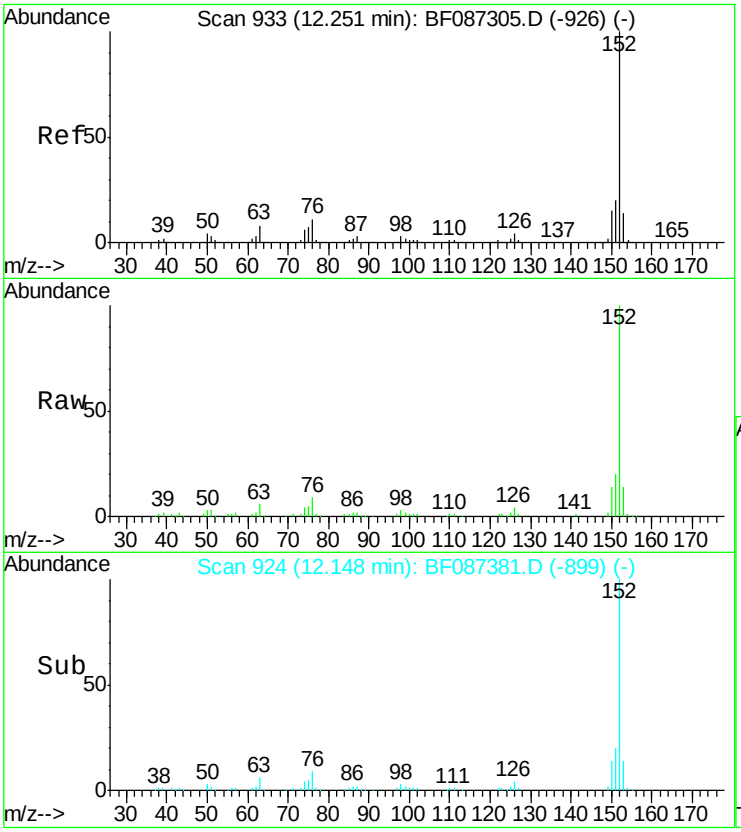


#44
2-Fluorobiphenyl
Concen: 80.03 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF087381.D
Acq: 25 May 2016 20:10

Tgt Ion:172 Resp: 1014350

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.5	19.8	29.8



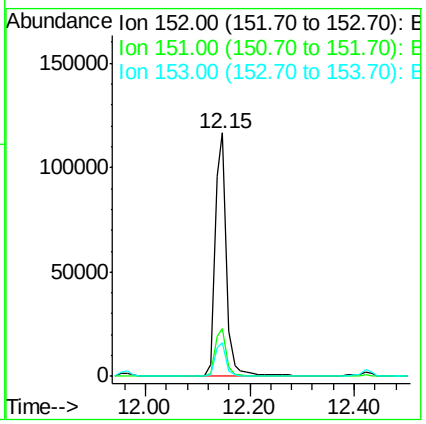


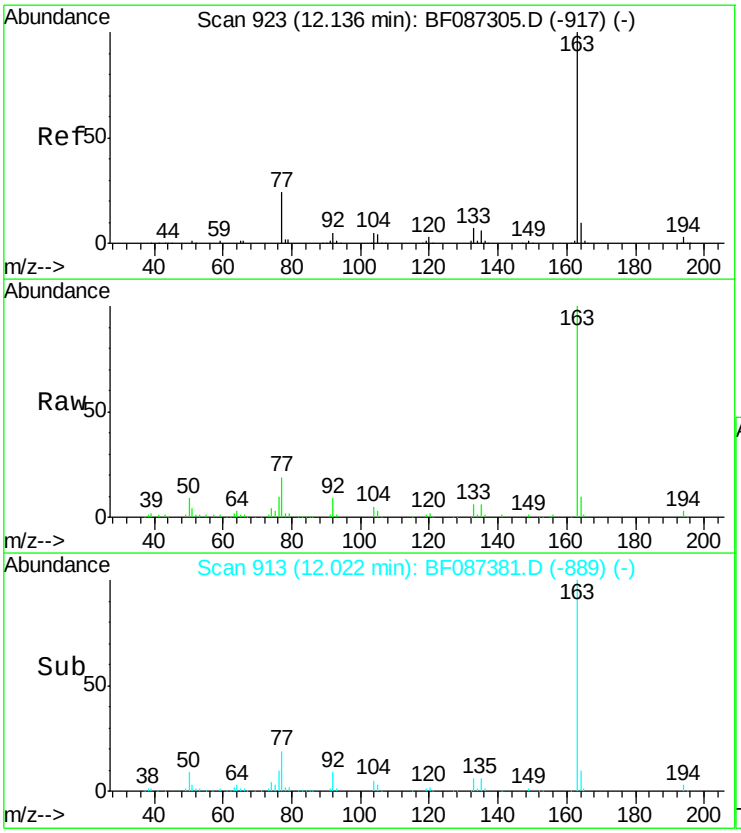
#48
Acenaphthylene
Concen: 9.80 ng
RT: 12.15 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF087381.D
Acq: 25 May 2016 20:10

Instrument :
BNA_F
ClientSampleId :
TA-1330+60(0-4)

Tgt Ion:152 Resp: 178485

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.8	25.2
153	13.6	10.9	16.3

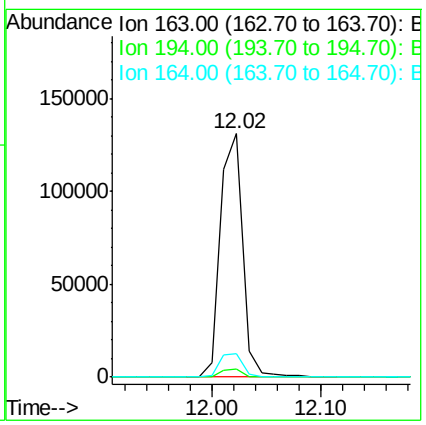


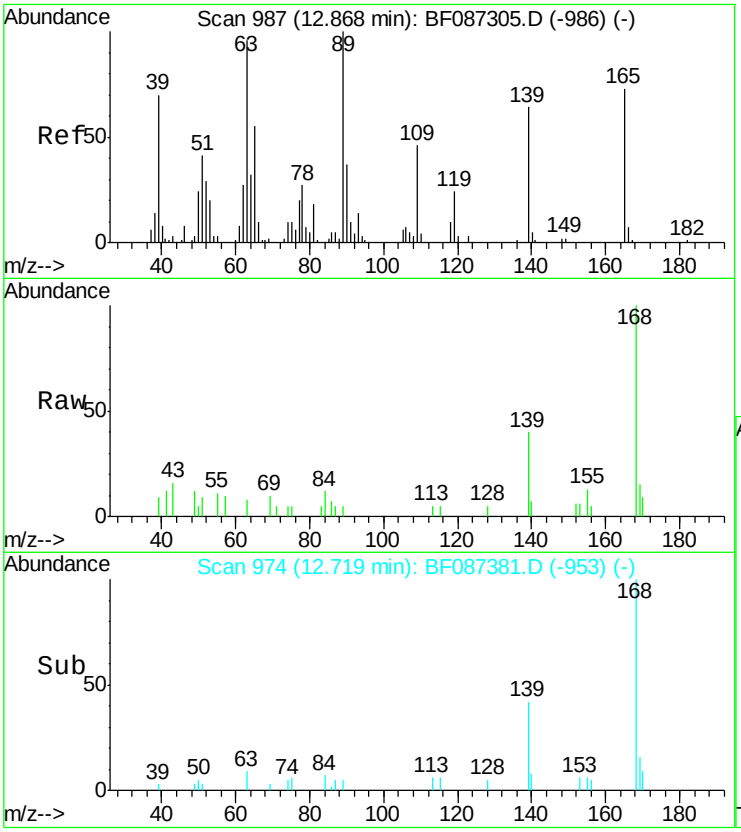


#49
Dimethylphthalate
Concen: 12.96 ng
RT: 12.02 min Scan# 913
Delta R.T. -0.02 min
Lab File: BF087381.D
Acq: 25 May 2016 20:10

Tgt Ion:163 Resp: 185471

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.8	8.2	12.4



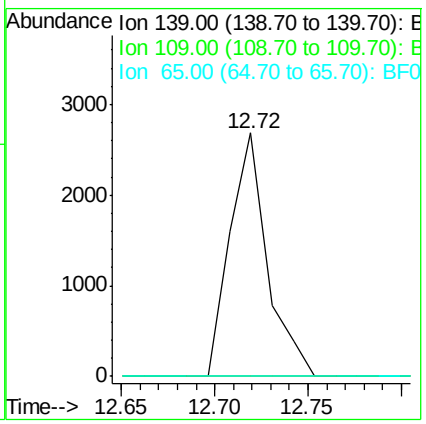


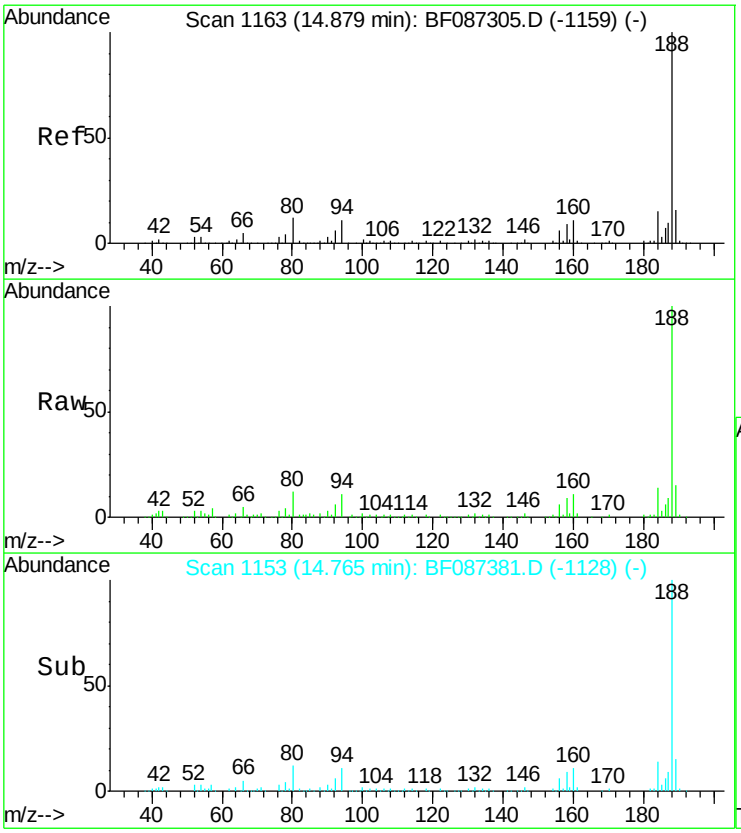
#55
4-Nitrophenol
Concen: 2.65 ng
RT: 12.72 min Scan# 974
Delta R.T. -0.06 min
Lab File: BF087381.D
Acq: 25 May 2016 20:10

Instrument :
BNA_F
ClientSampleId :
TA-1330+60(0-4)

Tgt Ion:139 Resp: 3737

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

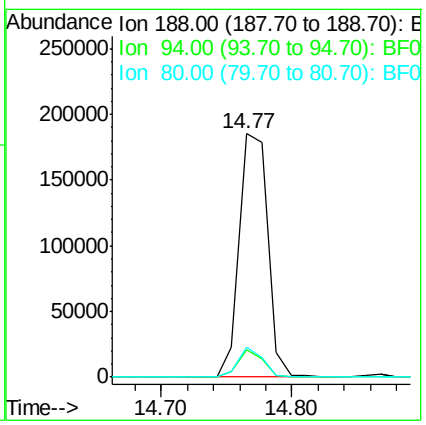


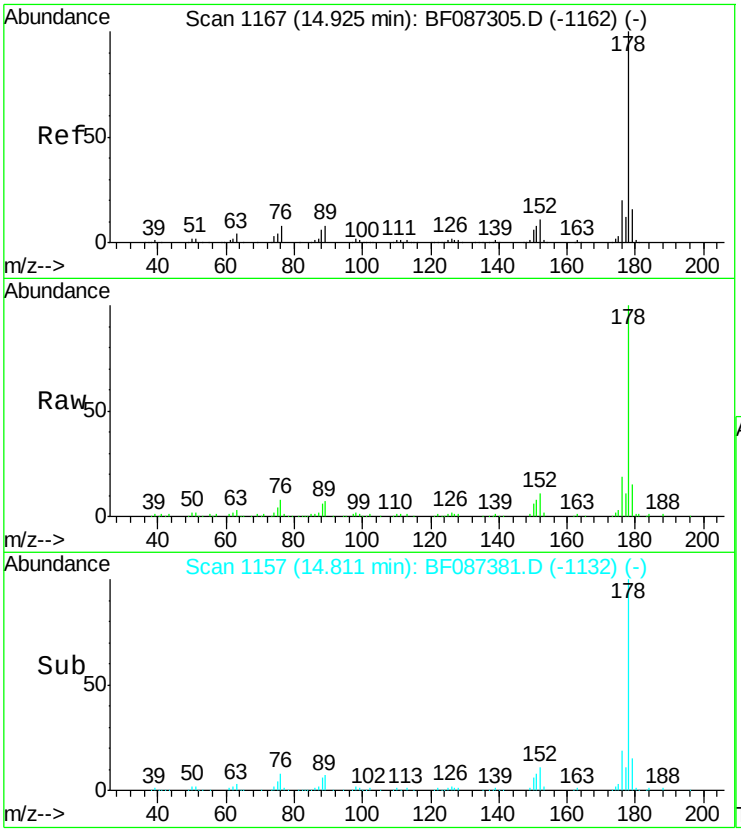


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF087381.D
Acq: 25 May 2016 20:10

Tgt Ion:188 Resp: 281063

Ion	Ratio	Lower	Upper
188	100		
94	11.0	6.8	10.2#
80	12.4	7.1	10.7#



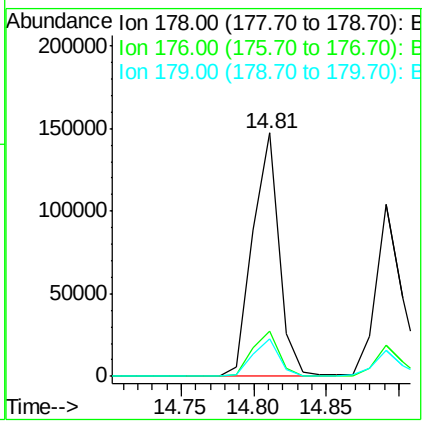


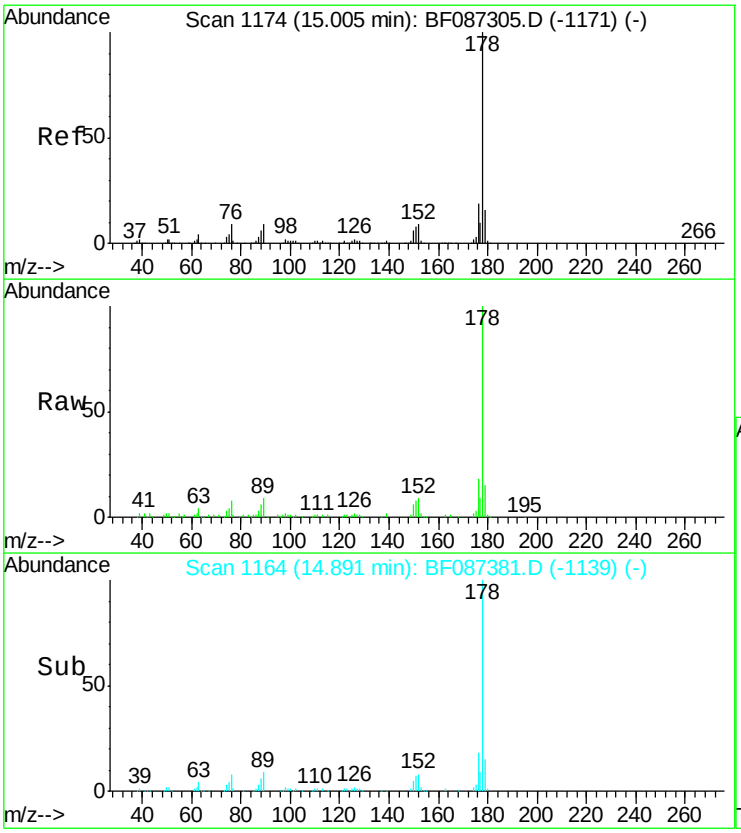
#70
Phenanthrene
Concen: 11.98 ng
RT: 14.81 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF087381.D
Acq: 25 May 2016 20:10

Instrument :
BNA_F
ClientSampleId :
TA-1330+60(0-4)

Tgt Ion:178 Resp: 186584

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.0	24.0
179	15.5	12.6	18.8

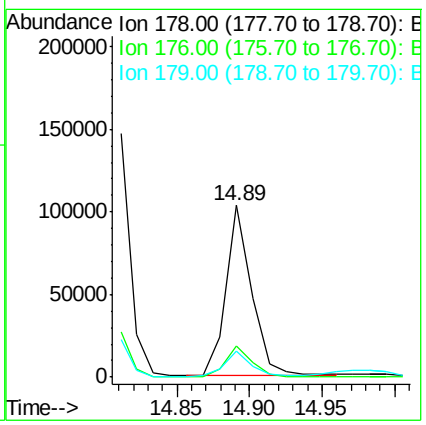


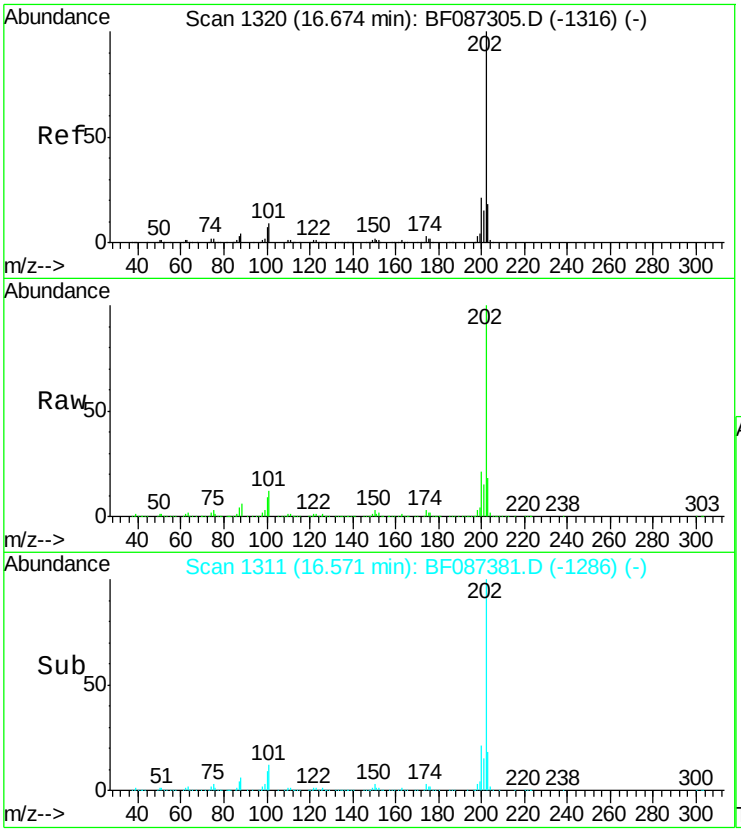


#71
Anthracene
Concen: 8.21 ng
RT: 14.89 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF087381.D
Acq: 25 May 2016 20:10

Tgt Ion:178 Resp: 129192

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.6	23.4
179	15.3	12.7	19.1



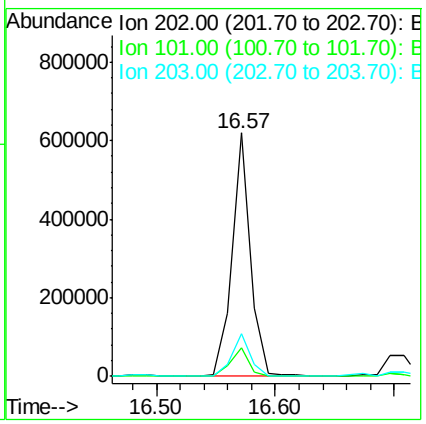


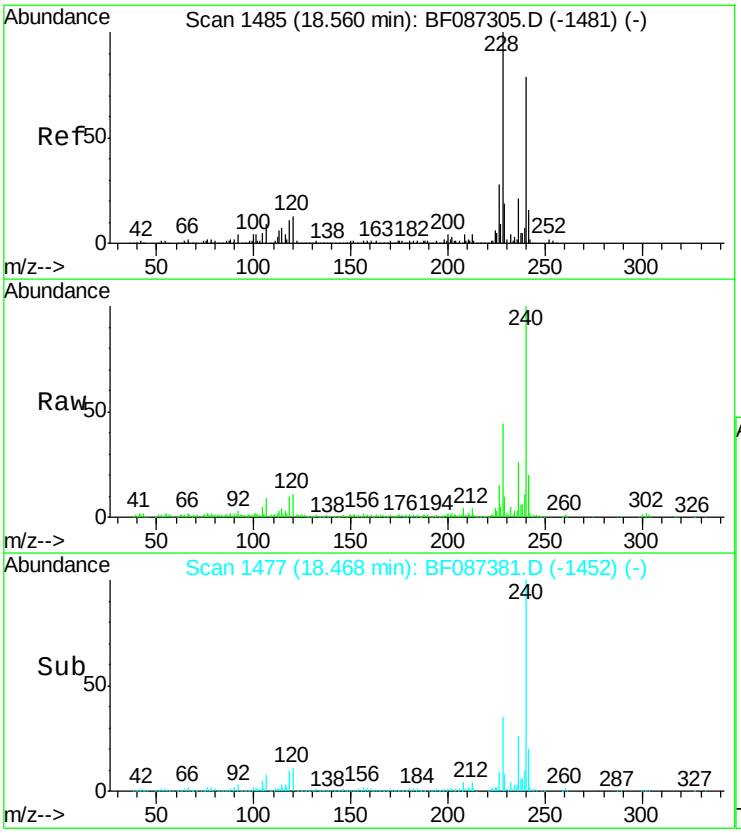
#74
Fluoranthene
Concen: 42.83 ng
RT: 16.57 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF087381.D
Acq: 25 May 2016 20:10

Instrument :
BNA_F
ClientSampleId :
TA-1330+60(0-4)

Tgt Ion:202 Resp: 668618

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	35.4
203	17.6	0.0	38.1

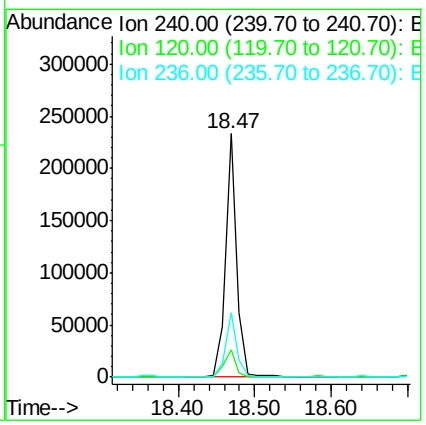


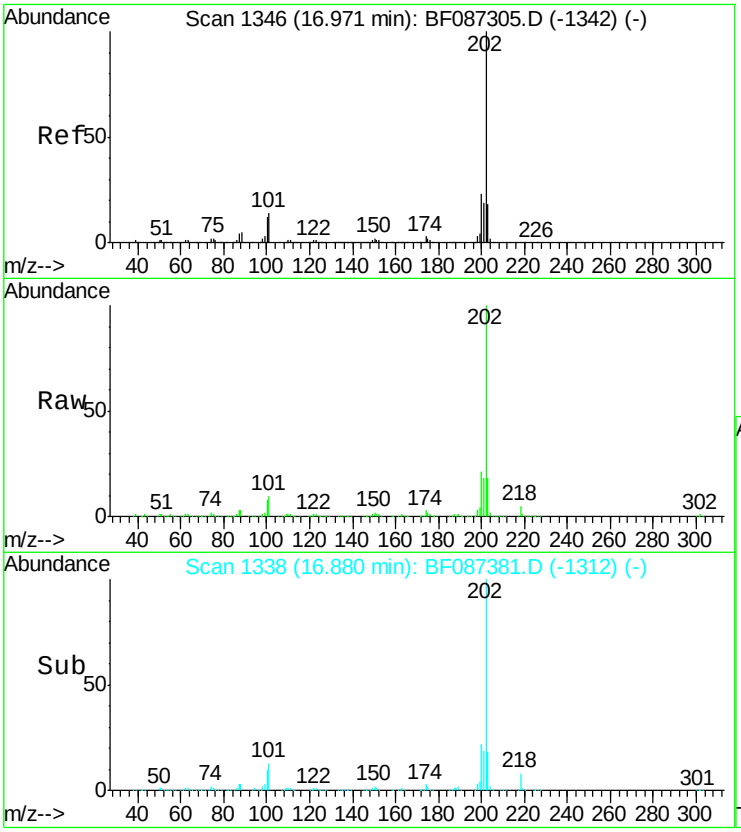


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.47 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF087381.D
Acq: 25 May 2016 20:10

Tgt Ion:240 Resp: 241415

Ion	Ratio	Lower	Upper
240	100		
120	11.4	11.2	16.8
236	26.5	21.2	31.8



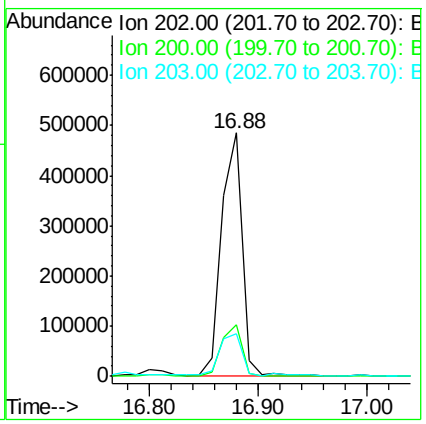


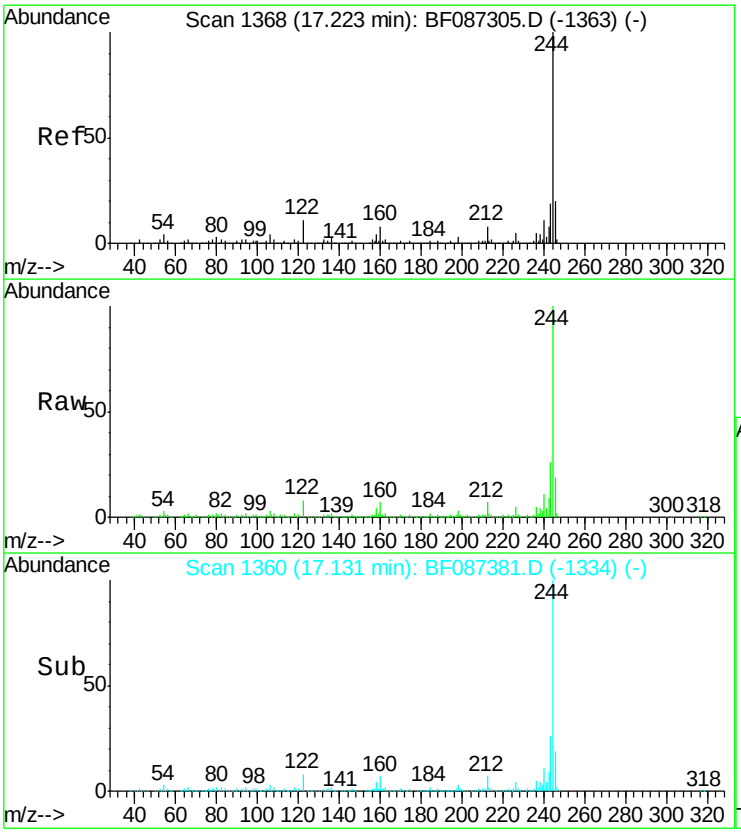
#77
Pyrene
Concen: 36.44 ng
RT: 16.88 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF087381.D
Acq: 25 May 2016 20:10

Instrument :
BNA_F
ClientSampleId :
TA-1330+60(0-4)

Tgt Ion:202 Resp: 633289

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.7	26.5
203	17.8	14.2	21.4

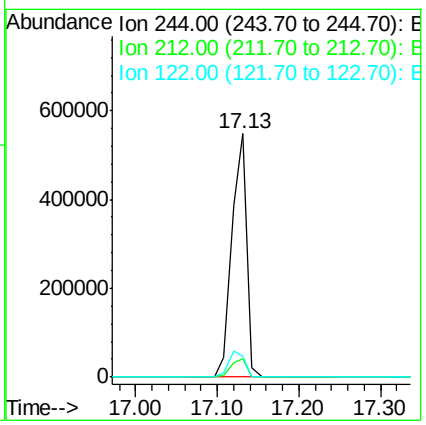


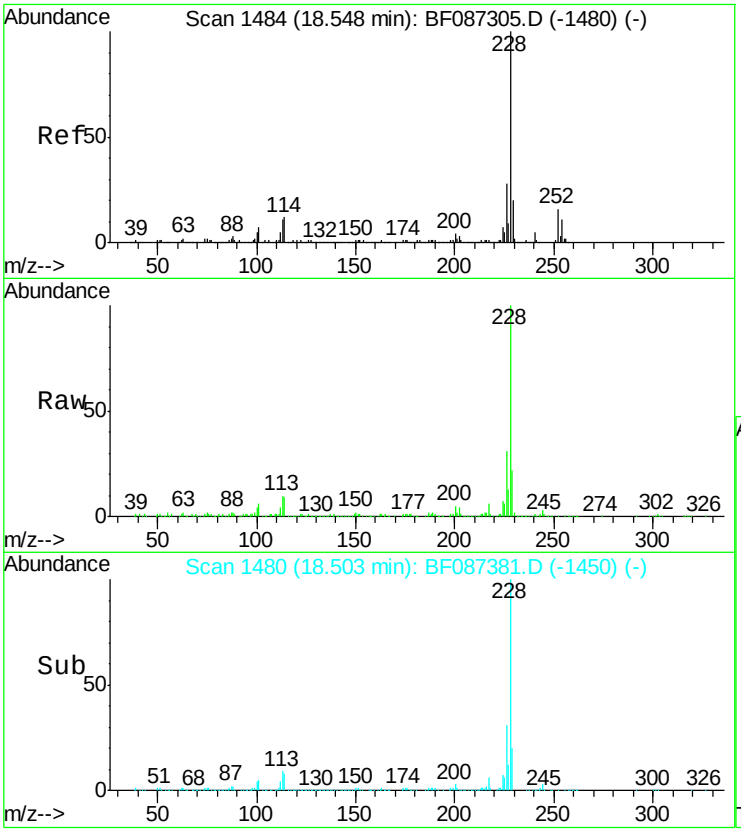


#78
Terphenyl-d14
Concen: 60.87 ng
RT: 17.13 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF087381.D
Acq: 25 May 2016 20:10

Tgt Ion:244 Resp: 691184

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	8.4	12.0	18.0#



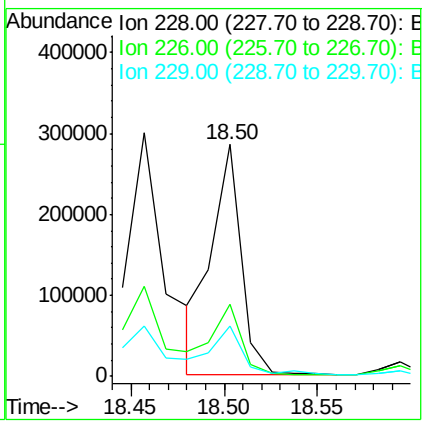


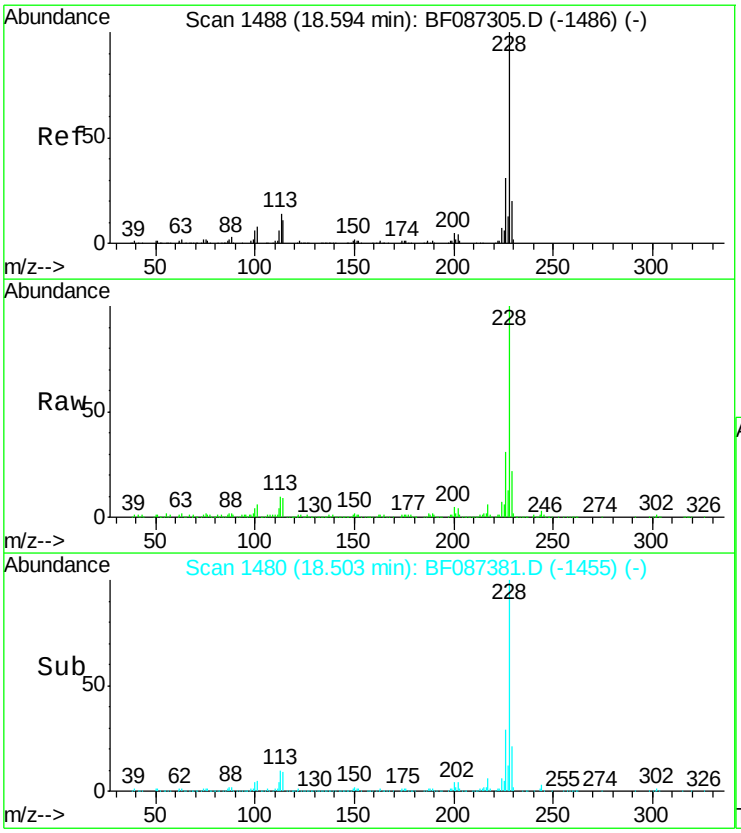
#80
Benzo(a)anthracene
Concen: 23.08 ng
RT: 18.50 min Scan# 1480
Delta R.T. 0.05 min
Lab File: BF087381.D
Acq: 25 May 2016 20:10

Instrument :
BNA_F
ClientSampleId :
TA-1330+60(0-4)

Tgt Ion:228 Resp: 316914

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.5	33.7
229	21.8	16.6	25.0

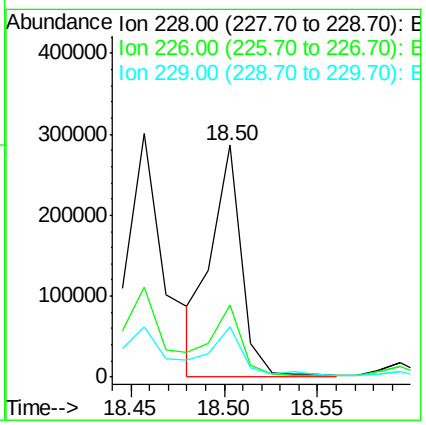


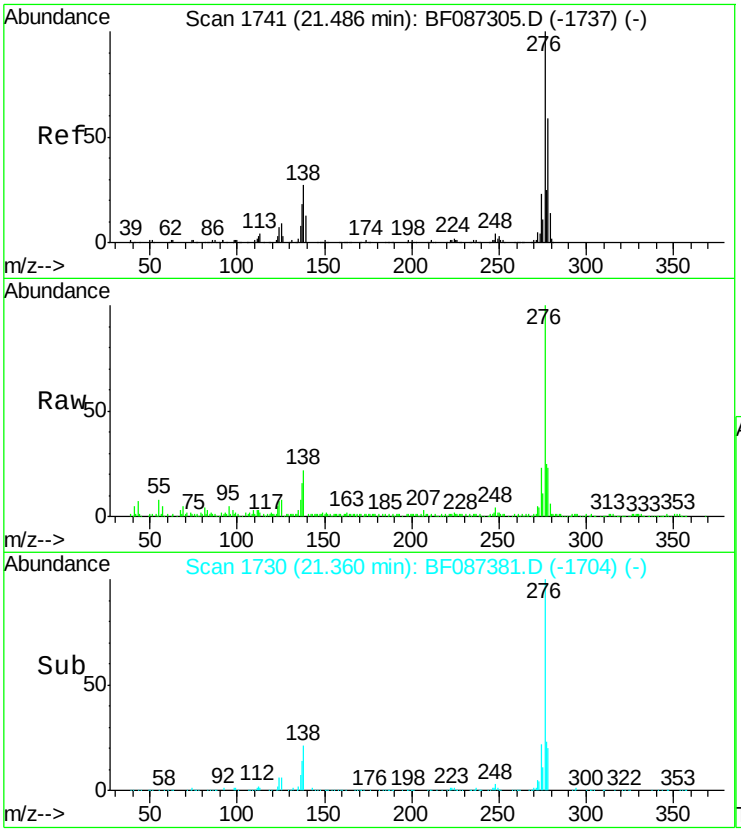


#82
Chrysene
Concen: 23.54 ng
RT: 18.50 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF087381.D
Acq: 25 May 2016 20:10

Tgt Ion:228 Resp: 320787

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.4	36.6
229	21.8	15.8	23.8



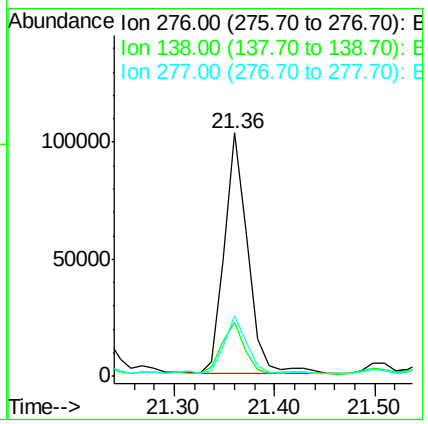


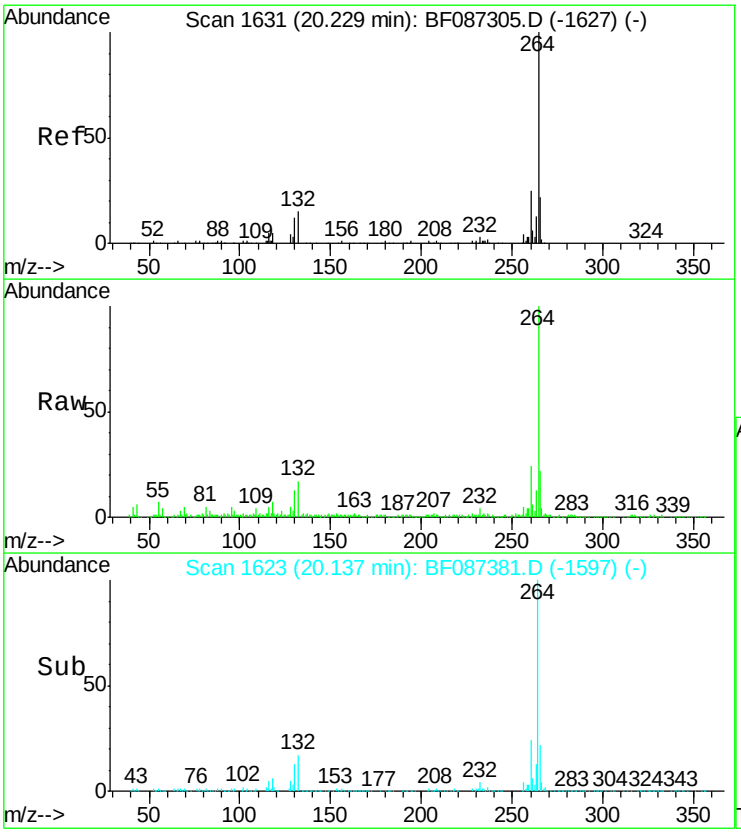
#85
Indeno(1,2,3-cd)pyrene
Concen: 15.19 ng
RT: 21.36 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BF087381.D
Acq: 25 May 2016 20:10

Instrument :
BNA_F
ClientSampleId :
TA-1330+60(0-4)

Tgt Ion:276 Resp: 165944

Ion	Ratio	Lower	Upper
276	100		
138	20.8	25.6	38.4#
277	24.9	20.5	30.7

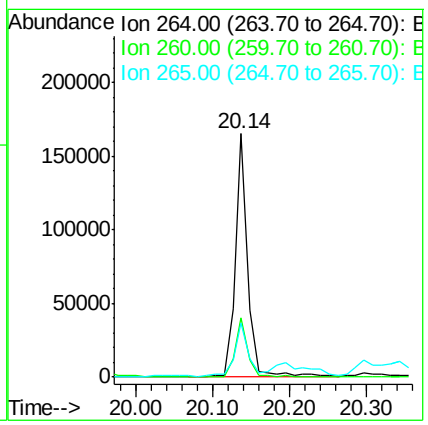


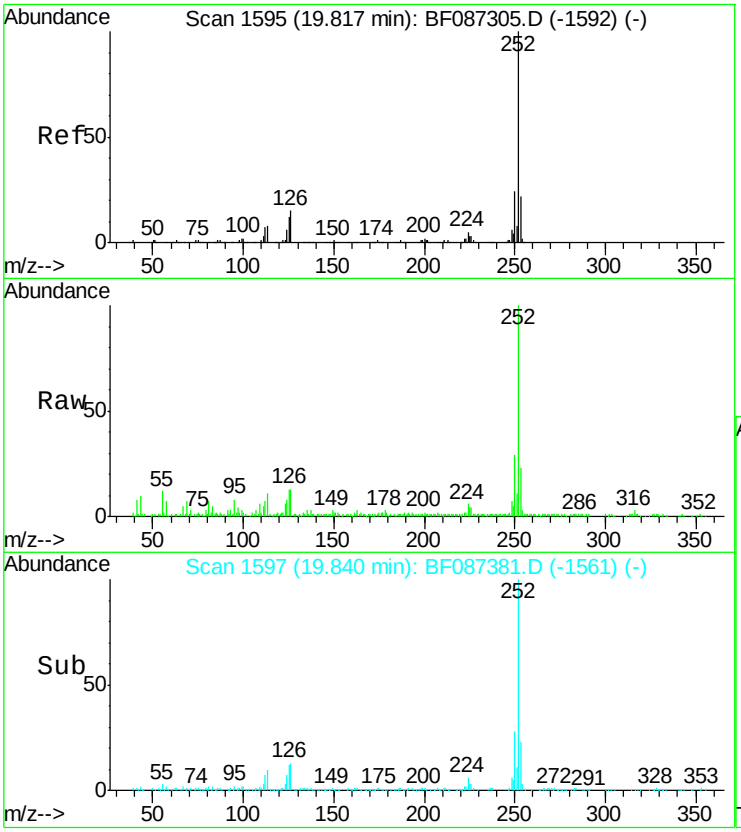


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.14 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BF087381.D
Acq: 25 May 2016 20:10

Tgt Ion:264 Resp: 187376

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.3	17.3	25.9



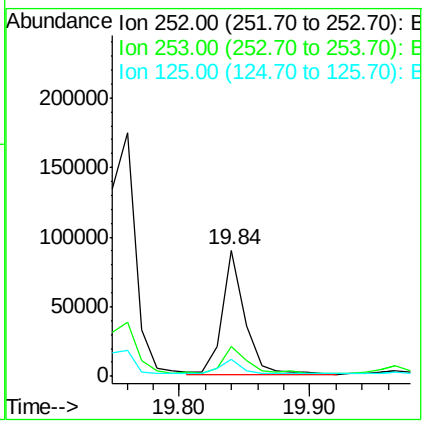


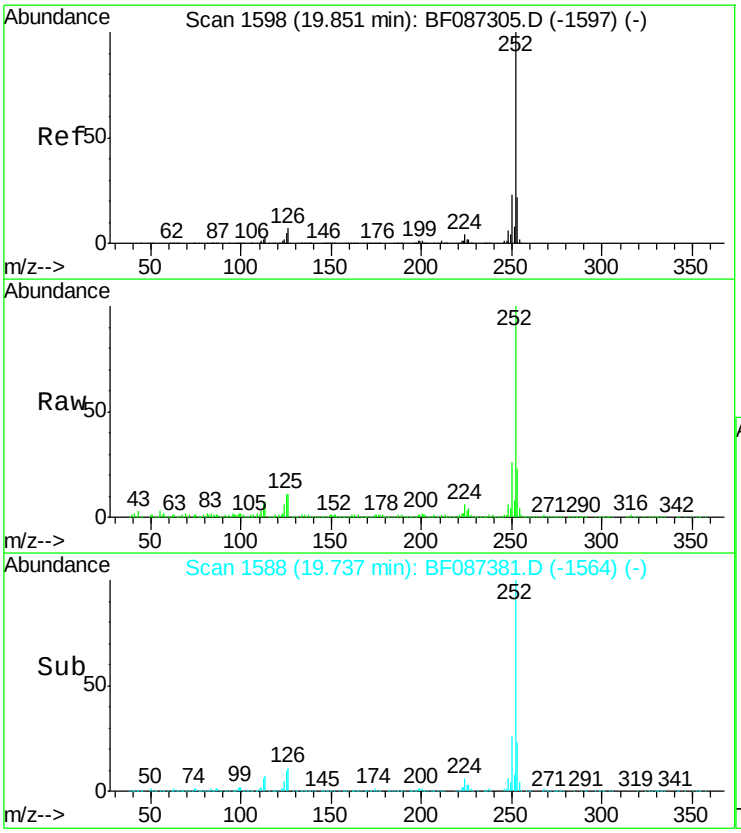
#87
Benzo(b)fluoranthene
Concen: 9.04 ng
RT: 19.84 min Scan# 1597
Delta R.T. 0.11 min
Lab File: BF087381.D
Acq: 25 May 2016 20:10

Instrument :
BNA_F
ClientSampleId :
TA-1330+60(0-4)

Tgt Ion:252 Resp: 107902

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	13.5	11.4	17.0

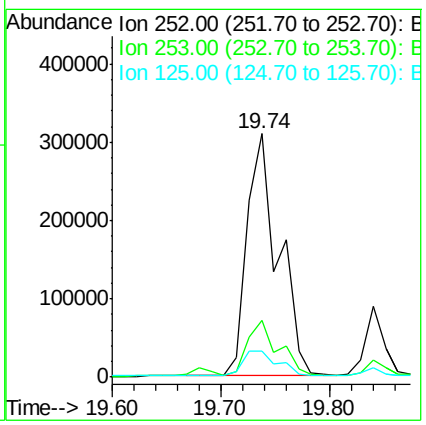


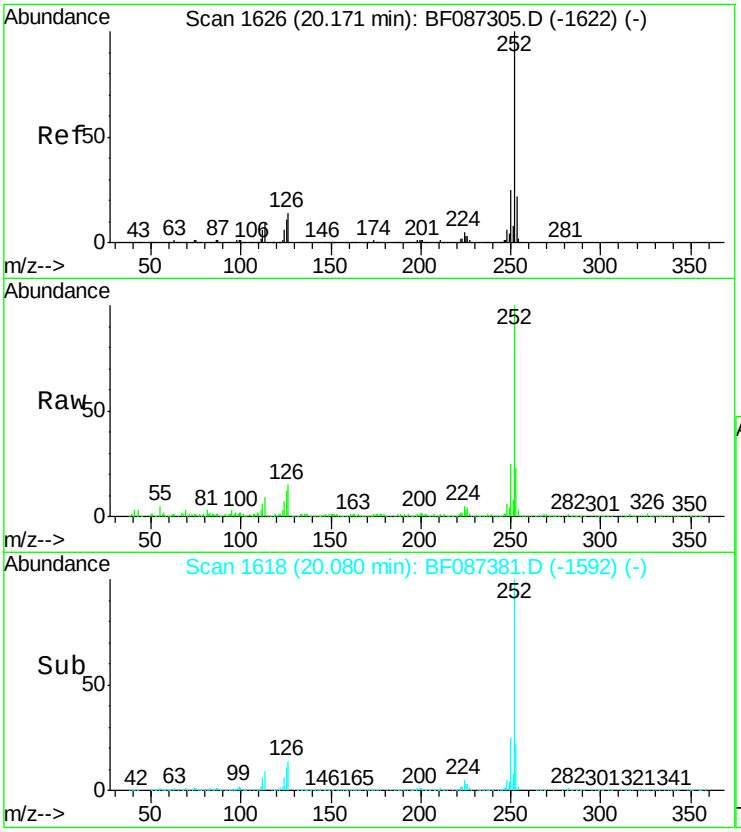


#88
Benzo(k)fluoranthene
Concen: 60.53 ng
RT: 19.74 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BF087381.D
Acq: 25 May 2016 20:10

Tgt Ion:252 Resp: 621886

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	10.8	9.1	13.7



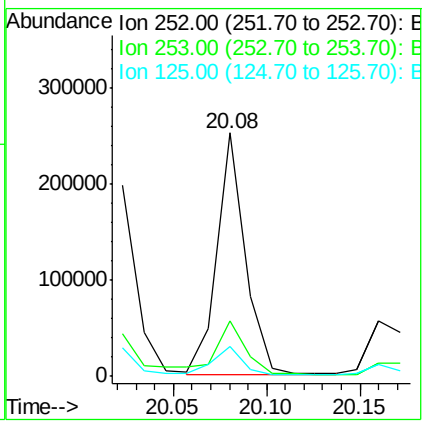


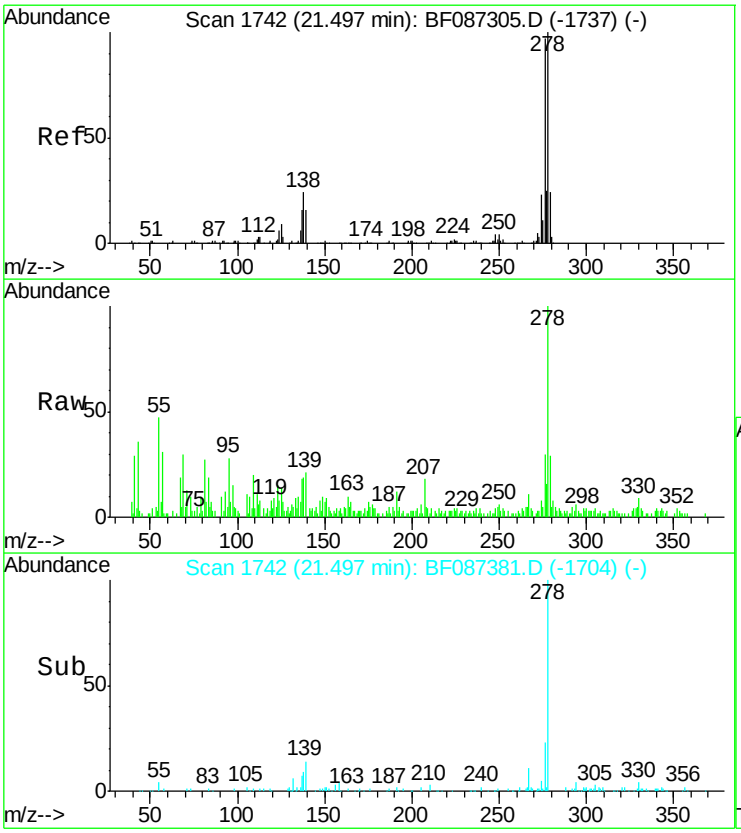
#89
Benzo(a)pyrene
Concen: 25.93 ng
RT: 20.08 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BF087381.D
Acq: 25 May 2016 20:10

Instrument :
BNA_F
ClientSampleId :
TA-1330+60(0-4)

Tgt Ion:252 Resp: 267661

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	12.0	9.0	13.6

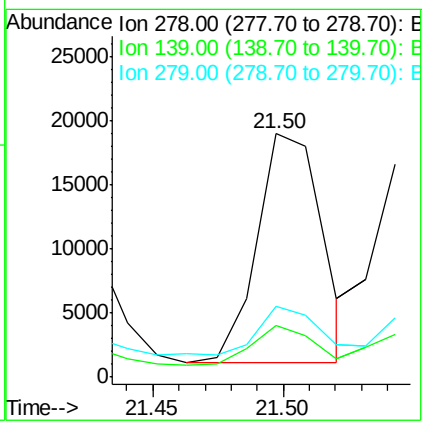


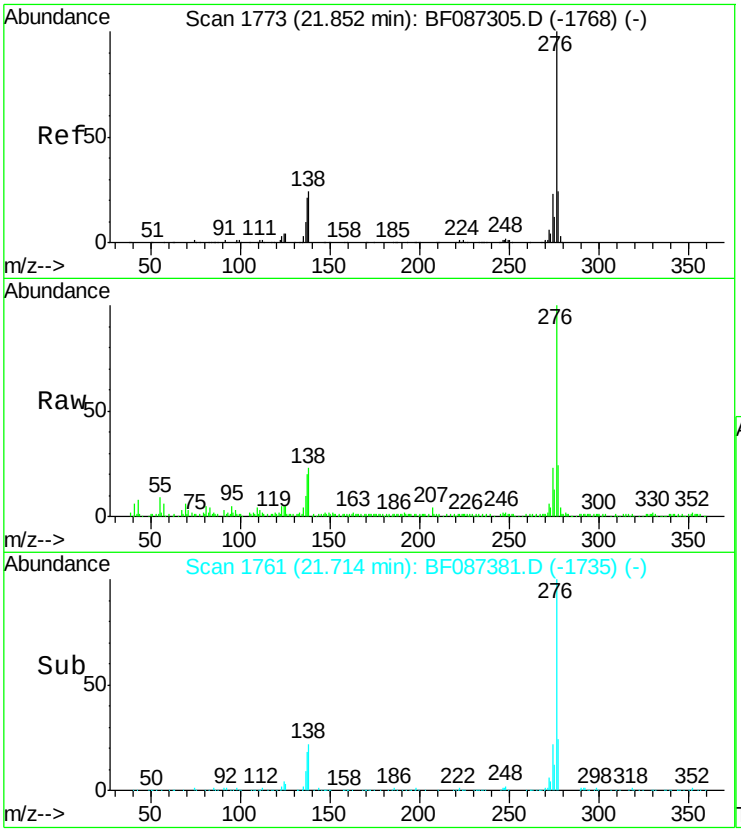


#90
Dibenzo(a,h)anthracene
Concen: 3.51 ng
RT: 21.50 min Scan# 1742
Delta R.T. 0.14 min
Lab File: BF087381.D
Acq: 25 May 2016 20:10

Tgt Ion:278 Resp: 30892

Ion	Ratio	Lower	Upper
278	100		
139	21.2	16.6	24.8
279	29.0	19.6	29.4





#91
Benzo(g,h,i)perylene
Concen: 16.06 ng
RT: 21.71 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BF087381.D
Acq: 25 May 2016 20:10

Instrument :
BNA_F
ClientSampleId :
TA-1330+60(0-4)

Tgt Ion:276 Resp: 139495

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.6	29.4
138	23.4	23.6	35.4#