Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
Data File : BF087377.D
Acq On : 25 May 2016 17:52
Operator : UM/SJ
Sample : H3211-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1294-(0-4)

Quant Time: May 25 22:30:02 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	106408	20.00	ng		0.00
21) Naphthalene-d8	9.54	136	424919	20.00	ng		-0.01
38) Acenaphthene-d10	12.38	164	181206	20.00	ng		-0.01
63) Phenanthrene-d10	14.78	188	293517	20.00	ng		0.00
75) Chrysene-d12	18.47	240	227918	20.00	ng		-0.01
86) Perylene-d12	20.14	264	184469	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	924812	152.72	ng		0.01
7) Phenol-d6	7.06	99	1284250	156.95	ng		-0.01
23) Nitrobenzene-d5	8.43	82	889273	105.47	ng		-0.01
41) 2,4,6-Tribromophenol	13.67	330	219656	126.14	ng		-0.01
44) 2-Fluorobiphenyl	11.34	172	1394754	108.51	ng		0.00
78) Terphenyl-d14	17.13	244	940282	87.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.64	88	114106	35.71	ng	#	22
15) Benzyl Alcohol	7.76	79	16536	2.77	ng	#	41
19) n-Nitroso-di-n-propylamine	8.43	70	124357	20.38	ng	#	74
37) 2-Methylnaphthalene	10.71	142	26877	2.02	ng	#	93
48) Acenaphthylene	12.15	152	52295	2.83	ng		98
49) Dimethylphthalate	12.02	163	453217	31.22	ng		99
70) Phenanthrene	14.81	178	84189	5.18	ng		99
71) Anthracene	14.90	178	44417	2.70	ng		99
74) Fluoranthene	16.57	202	192152	11.79	ng		93
77) Pyrene	16.87	202	201587	12.29	ng		96
80) Benzo(a)anthracene	18.50	228	119470	9.22	ng		97
82) Chrysene	18.50	228	121094	9.41	ng		98
85) Indeno(1,2,3-cd)pyrene	21.37	276	63009	6.11	ng	#	89
87) Benzo(b)fluoranthene	19.74	252	251852	21.43	ng	#	96
88) Benzo(k)fluoranthene	19.74	252	251852	24.90	ng		99
89) Benzo(a)pyrene	20.08	252	103863	10.22	ng		95
91) Benzo(g,h,i)perylene	21.71	276	56991	6.66	ng		97

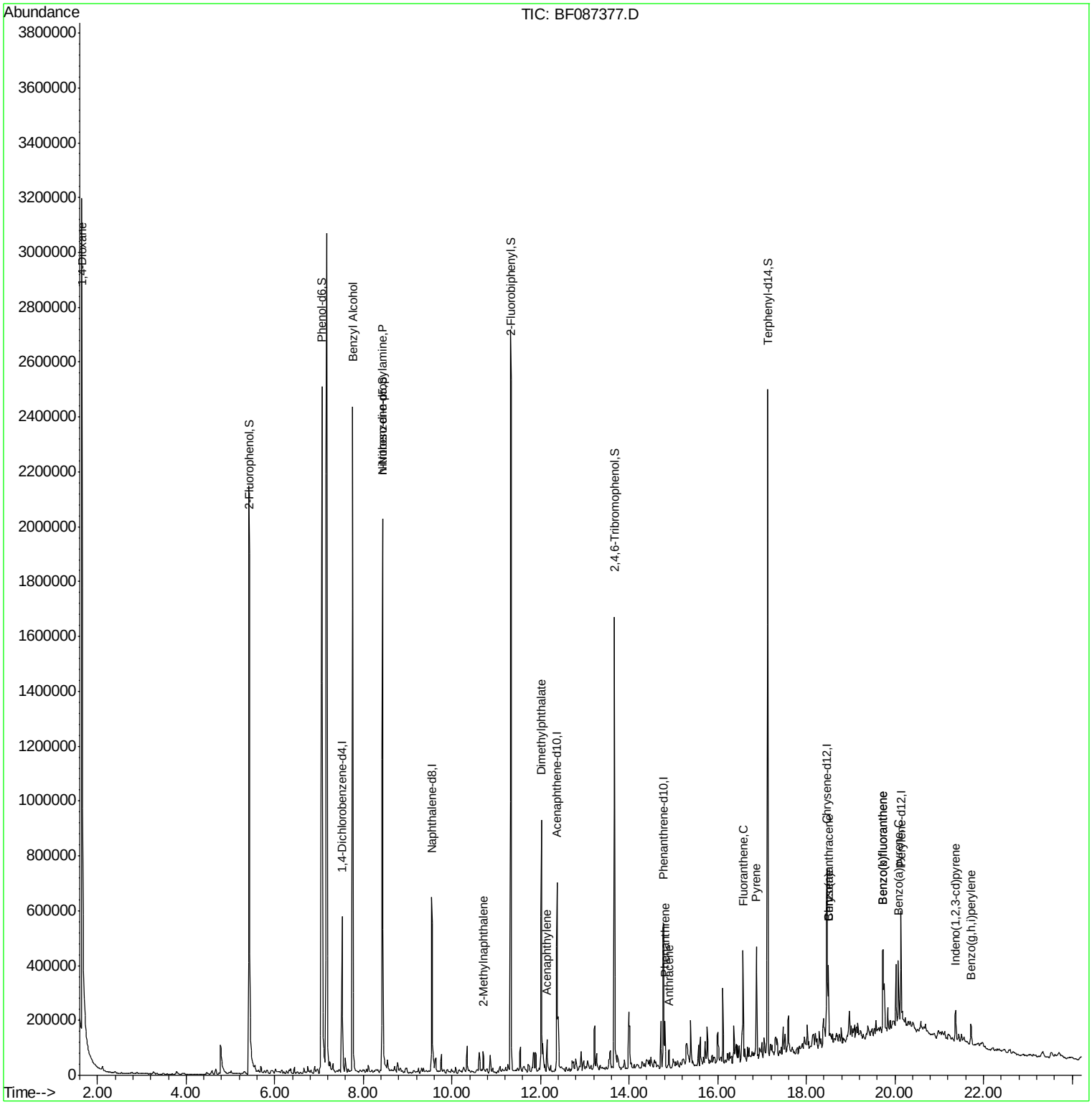
(#) = qualifier out of range (m) = manual integration (+) = signals summed

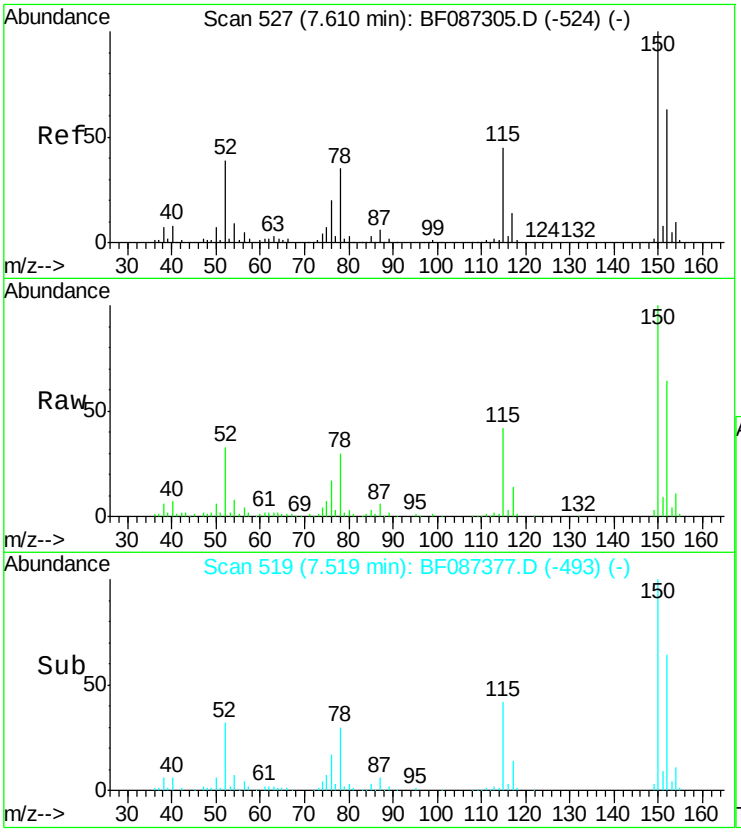
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
Data File : BF087377.D
Acq On : 25 May 2016 17:52
Operator : UM/SJ
Sample : H3211-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TA-1294-(0-4)

Quant Time: May 25 22:30:02 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



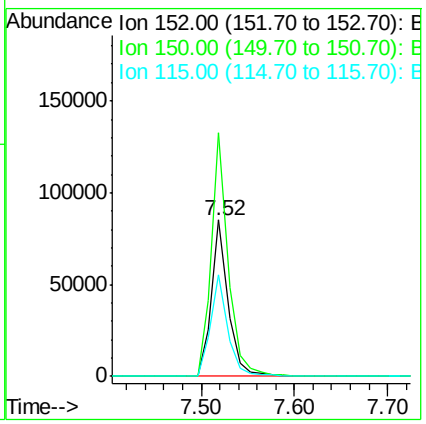


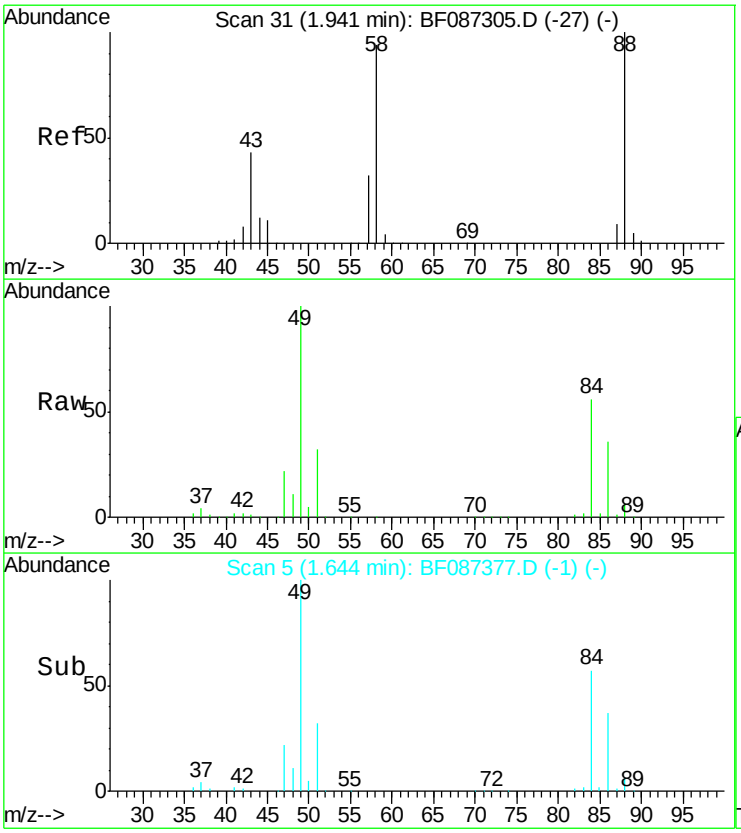
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF087377.D
Acq: 25 May 2016 17:52

Instrument :
BNA_F
ClientSampleId :
TA-1294-(0-4)

Tgt Ion:152 Resp: 106408

Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.8	188.6
115	64.9	51.5	77.3

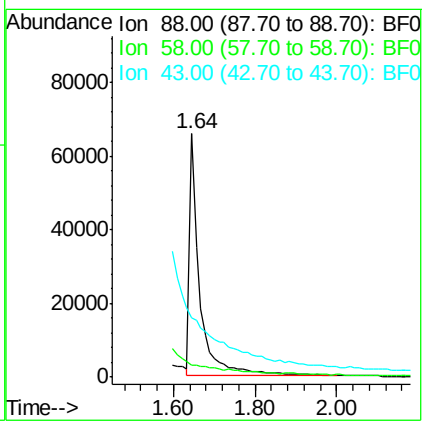


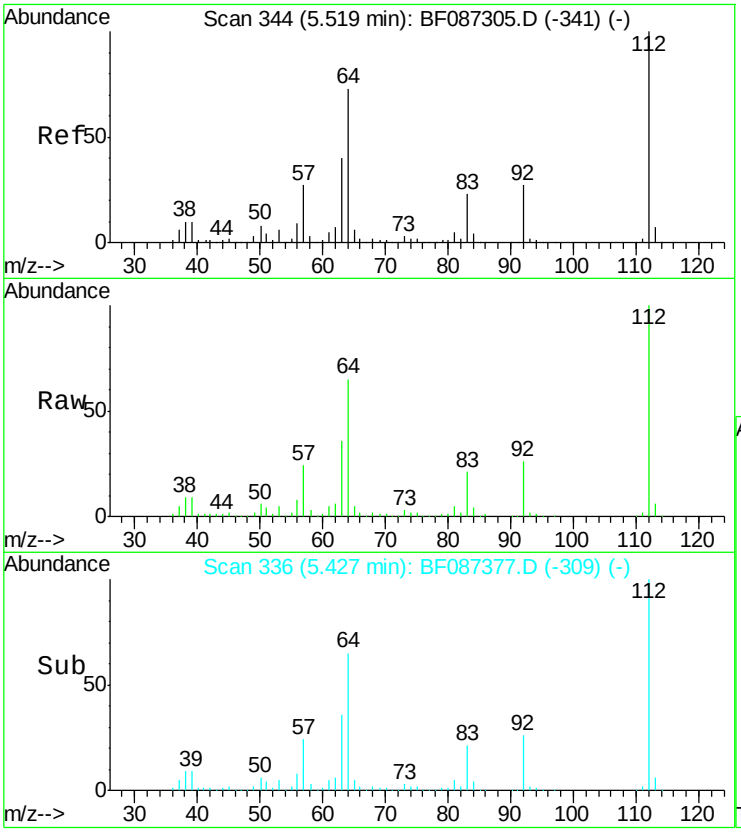


#2
1,4-Dioxane
Concen: 35.71 ng
RT: 1.64 min Scan# 5
Delta R.T. -0.17 min
Lab File: BF087377.D
Acq: 25 May 2016 17:52

Tgt Ion: 88 Resp: 114106

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



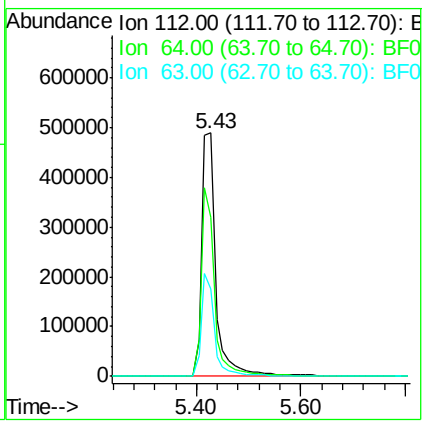


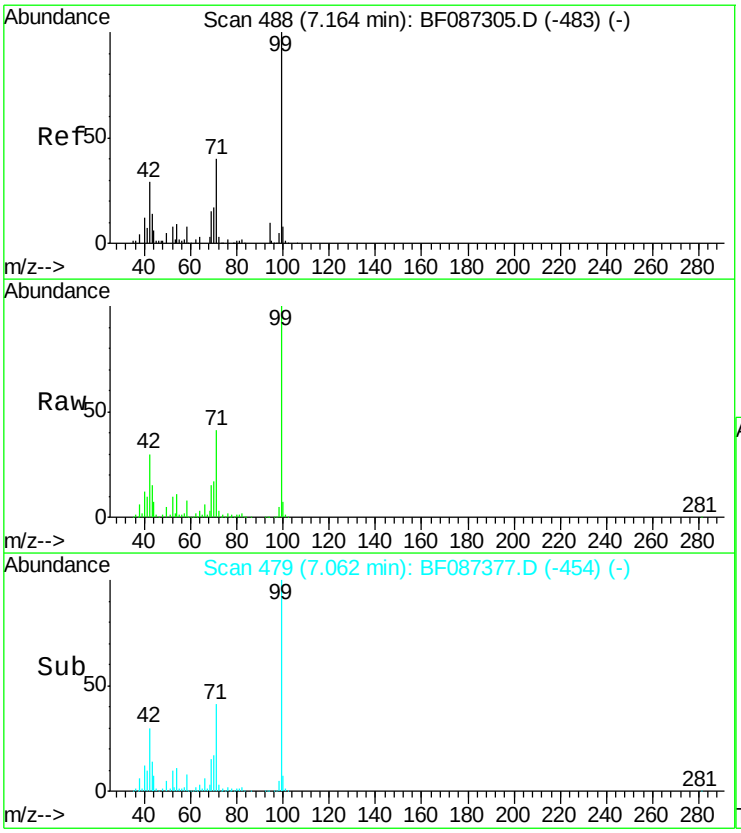
#5
2-Fluorophenol
Concen: 152.72 ng
RT: 5.43 min Scan# 336
Delta R.T. 0.01 min
Lab File: BF087377.D
Acq: 25 May 2016 17:52

Instrument :
BNA_F
ClientSampleId :
TA-1294-(0-4)

Tgt Ion:112 Resp: 924812

Ion	Ratio	Lower	Upper
112	100		
64	65.2	52.1	78.1
63	36.1	25.7	38.5

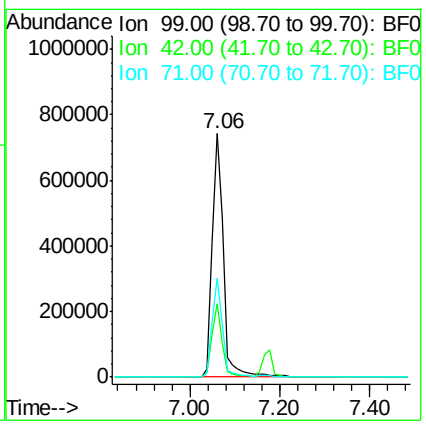


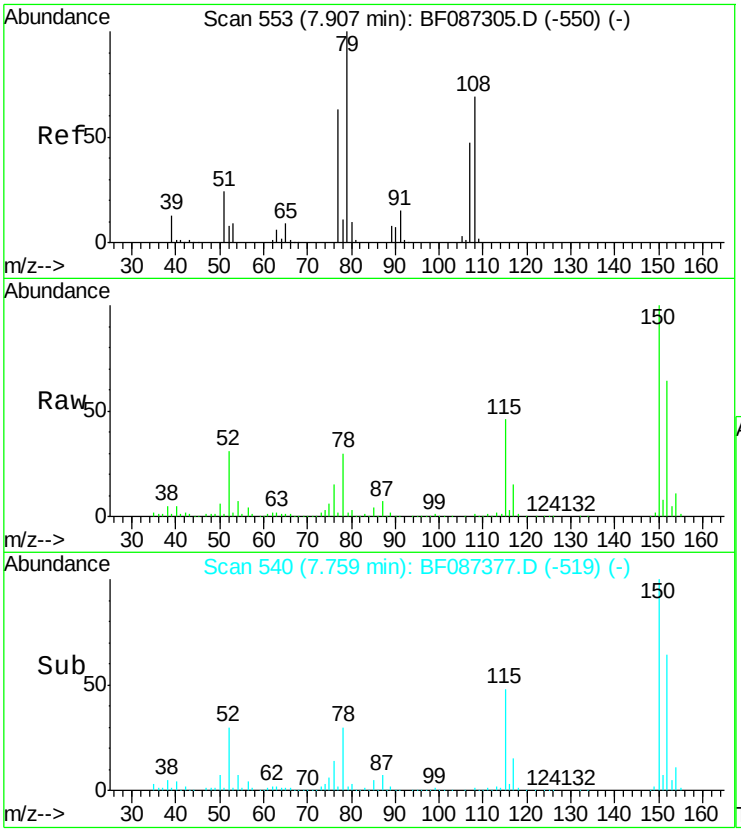


#7
Phenol-d6
Concen: 156.95 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF087377.D
Acq: 25 May 2016 17:52

Tgt Ion: 99 Resp: 1284250

Ion	Ratio	Lower	Upper
99	100		
42	30.0	13.6	20.4#
71	40.6	24.6	36.8#



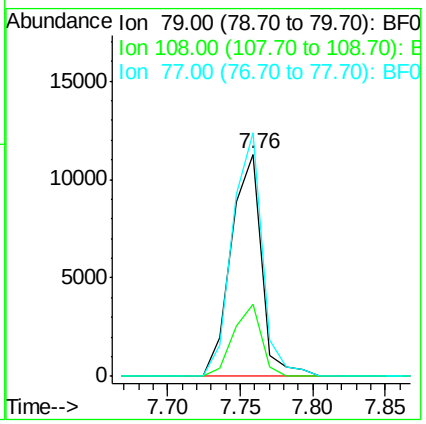


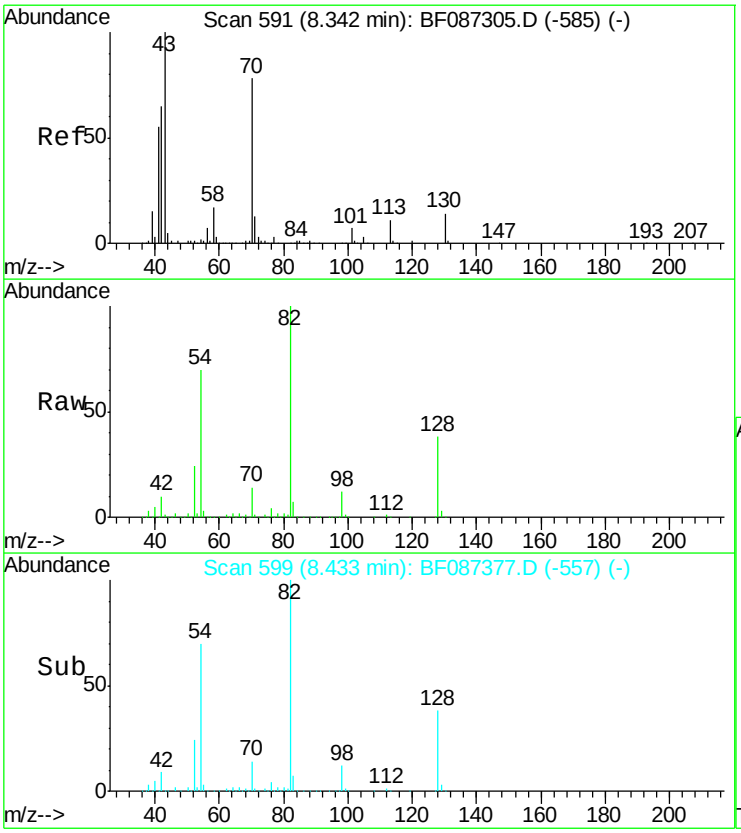
#15
Benzyl Alcohol
Concen: 2.77 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.06 min
Lab File: BF087377.D
Acq: 25 May 2016 17:52

Instrument :
BNA_F
ClientSampleId :
TA-1294-(0-4)

Tgt Ion: 79 Resp: 16536

Ion	Ratio	Lower	Upper
79	100		
108	32.3	68.4	102.6#
77	109.5	50.6	76.0#

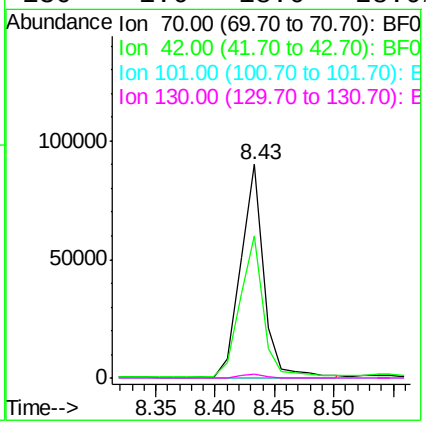


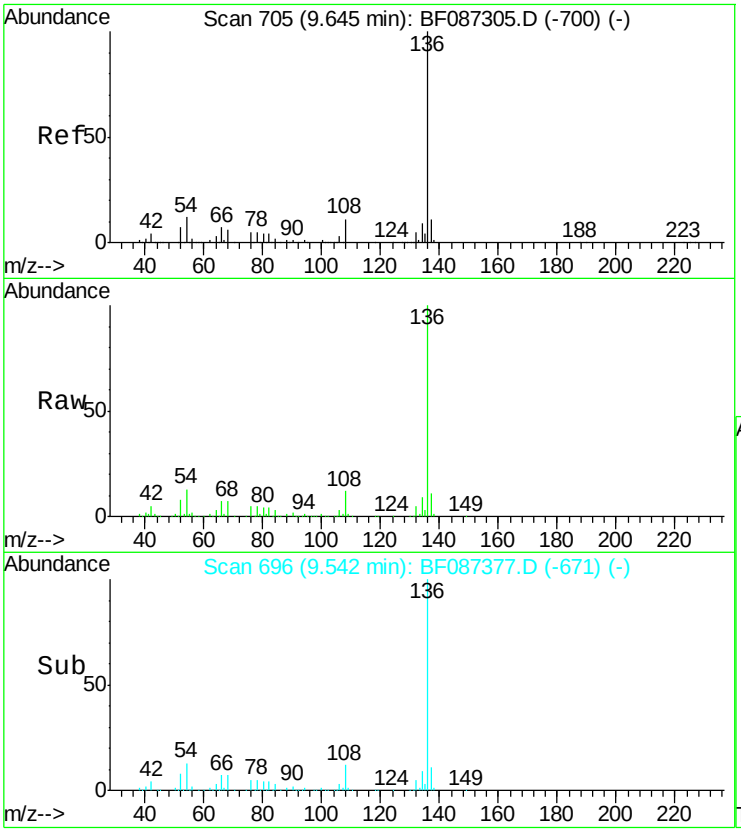


#19
n-Nitroso-di-n-propylamine
Concen: 20.38 ng
RT: 8.43 min Scan# 599
Delta R.T. 0.18 min
Lab File: BF087377.D
Acq: 25 May 2016 17:52

Tgt Ion: 70 Resp: 124357

Ion	Ratio	Lower	Upper
70	100		
42	66.4	43.1	64.7#
101	0.0	8.1	12.1#
130	1.6	18.6	28.0#



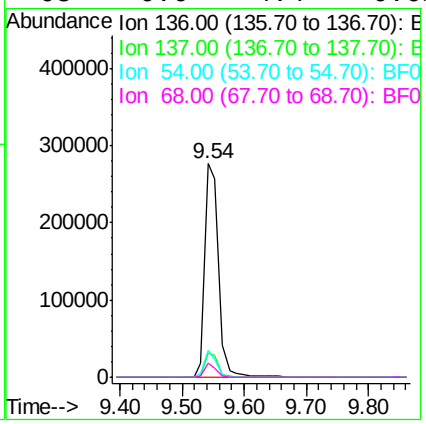


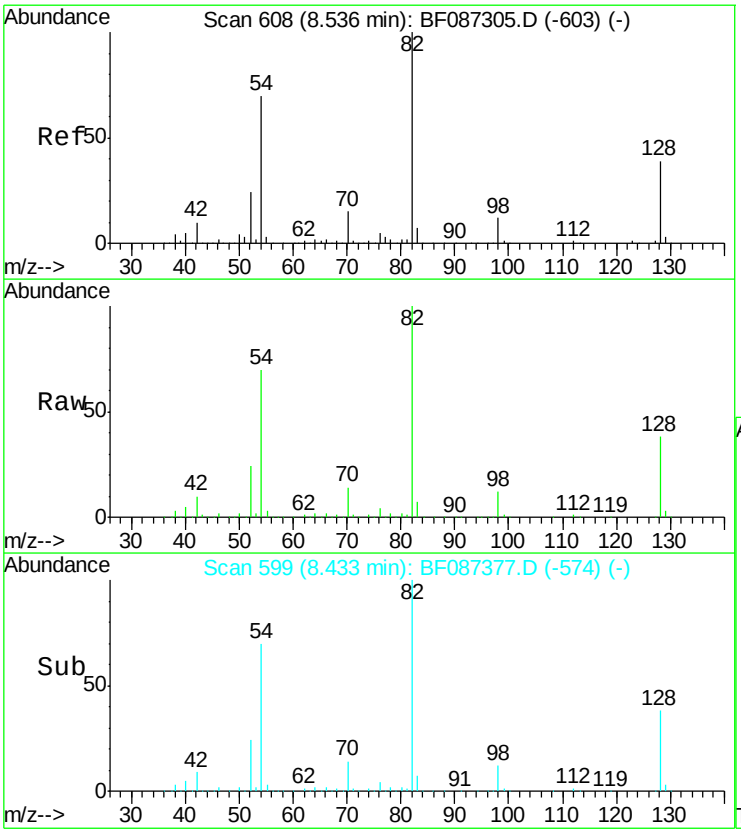
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF087377.D
Acq: 25 May 2016 17:52

Instrument :
BNA_F
ClientSampleId :
TA-1294-(0-4)

Tgt Ion:136 Resp: 424919

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	12.7	5.0	7.4#
68	6.6	4.4	6.6#

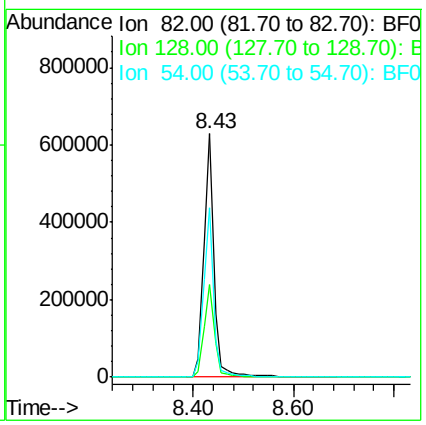


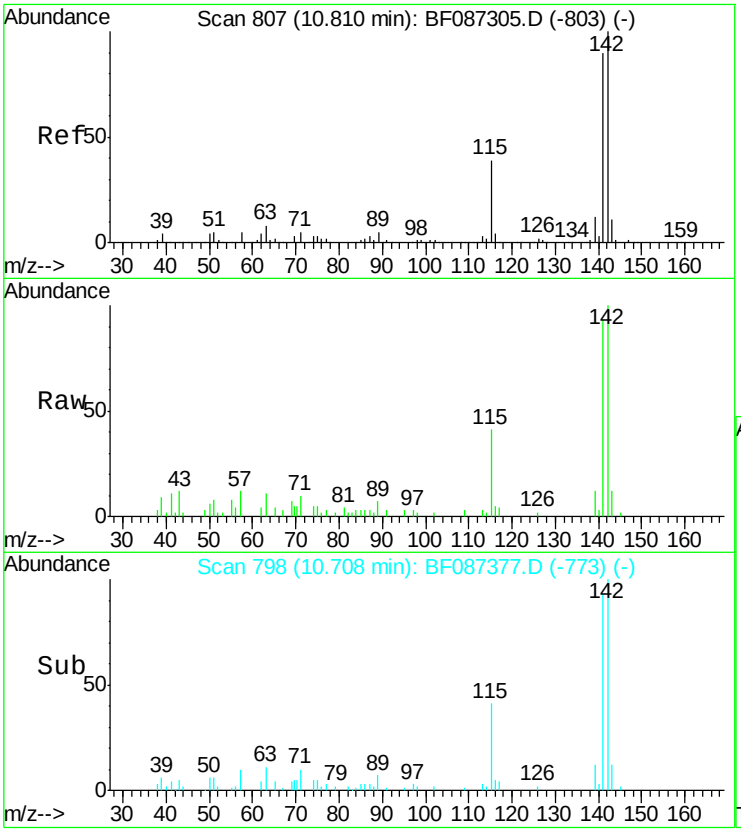


#23
Nitrobenzene-d5
Concen: 105.47 ng
RT: 8.43 min Scan# 599
Delta R.T. -0.01 min
Lab File: BF087377.D
Acq: 25 May 2016 17:52

Tgt Ion: 82 Resp: 889273

Ion	Ratio	Lower	Upper
82	100		
128	38.1	40.6	61.0#
54	69.8	38.1	57.1#



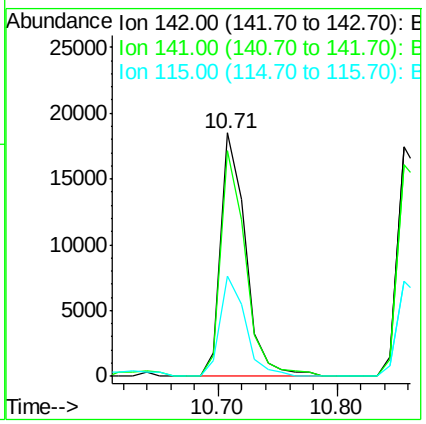


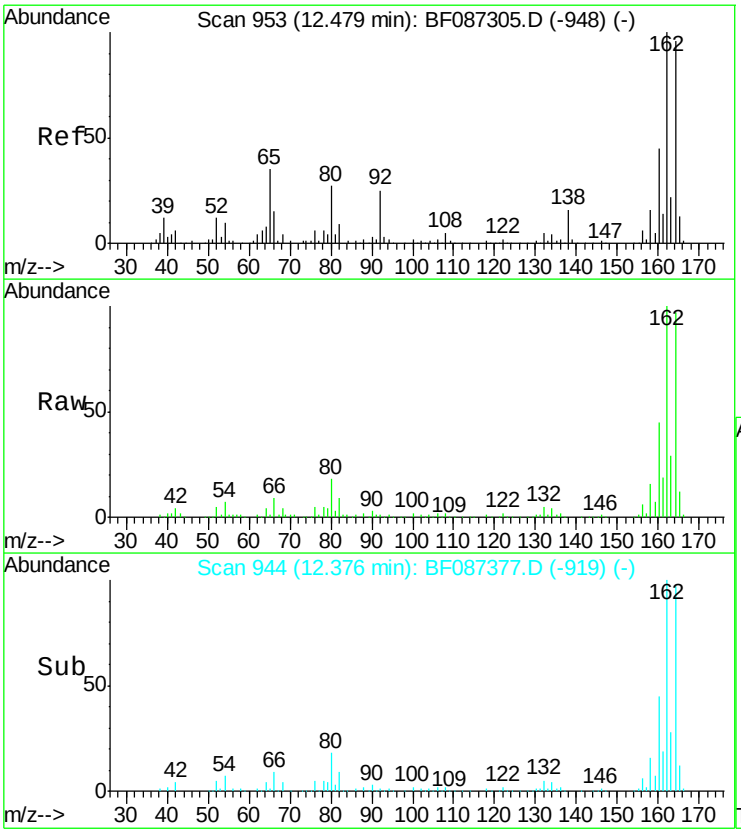
#37
2-Methylnaphthalene
Concen: 2.02 ng
RT: 10.71 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF087377.D
Acq: 25 May 2016 17:52

Instrument :
BNA_F
ClientSampleId :
TA-1294-(0-4)

Tgt Ion:142 Resp: 26877

Ion	Ratio	Lower	Upper
142	100		
141	92.8	71.0	106.6
115	41.3	26.6	39.8#

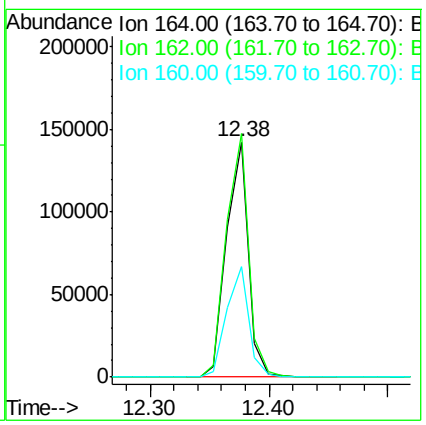


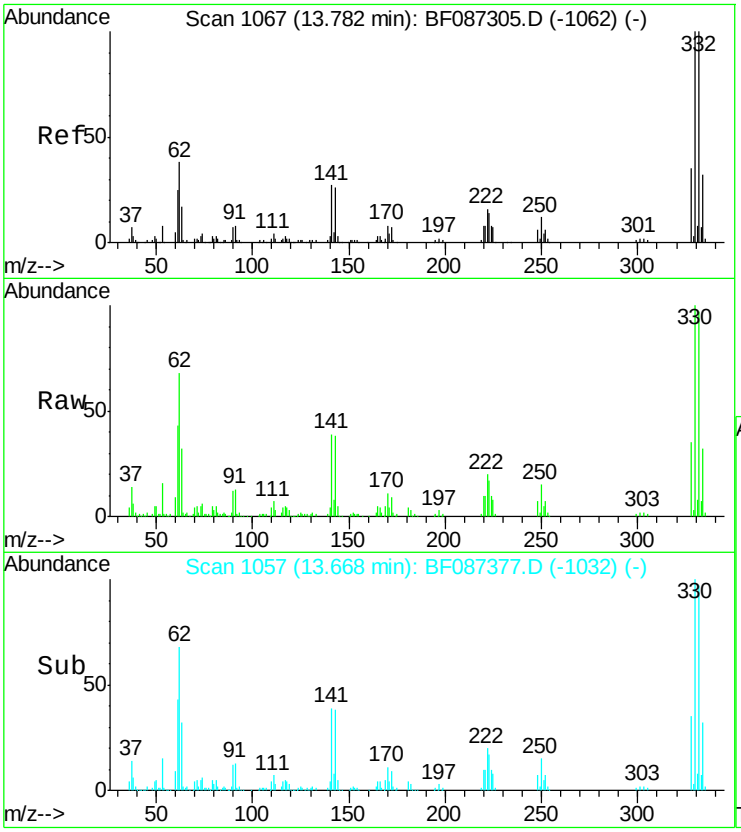


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.38 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF087377.D
Acq: 25 May 2016 17:52

Tgt Ion:164 Resp: 181206

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.8	124.2
160	47.0	36.9	55.3



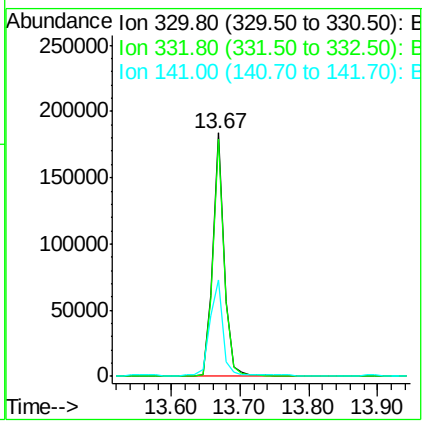


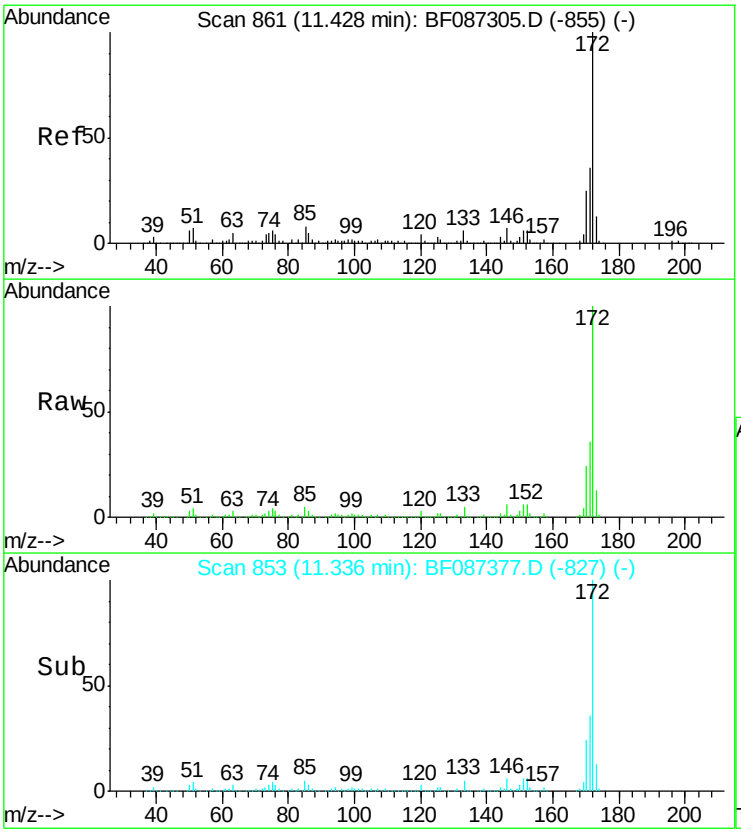
#41
2,4,6-Tribromophenol
Concen: 126.14 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF087377.D
Acq: 25 May 2016 17:52

Instrument :
BNA_F
ClientSampleId :
TA-1294-(0-4)

Tgt Ion:330 Resp: 219656

Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.0	118.4
141	45.7	31.2	46.8

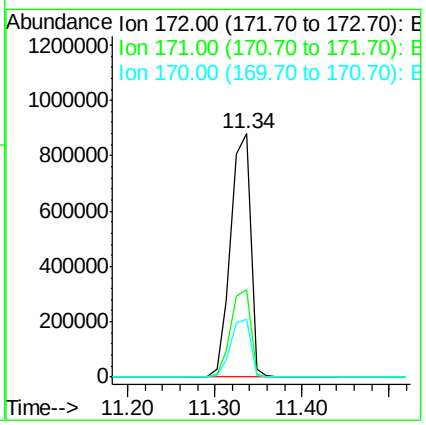


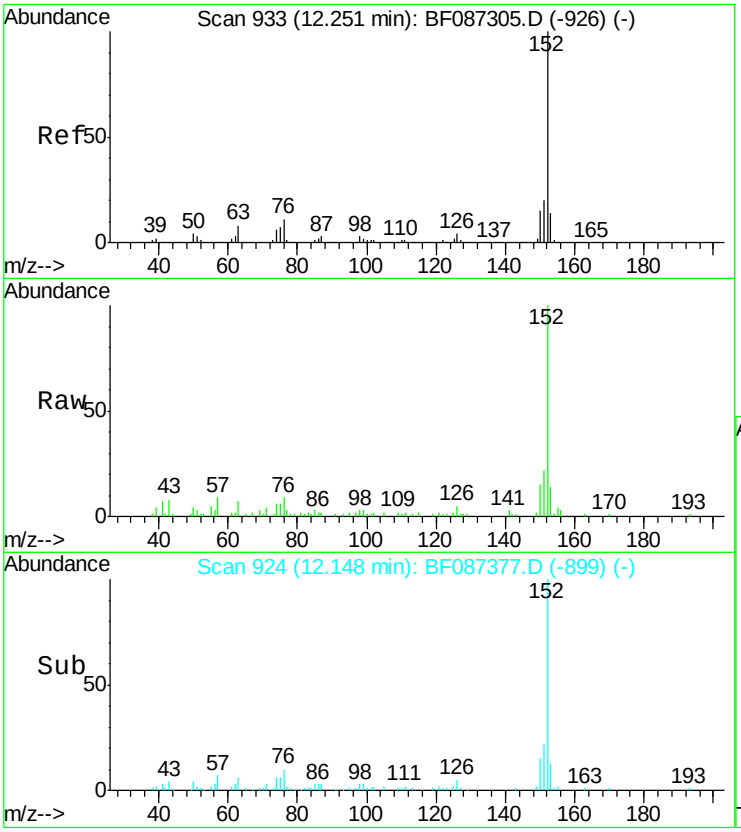


#44
2-Fluorobiphenyl
Concen: 108.51 ng
RT: 11.34 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF087377.D
Acq: 25 May 2016 17:52

Tgt Ion:172 Resp: 1394754

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	24.0	19.8	29.8



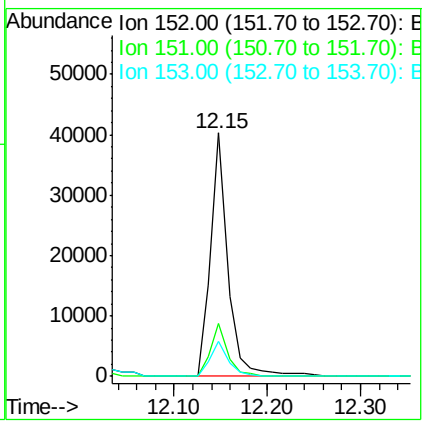


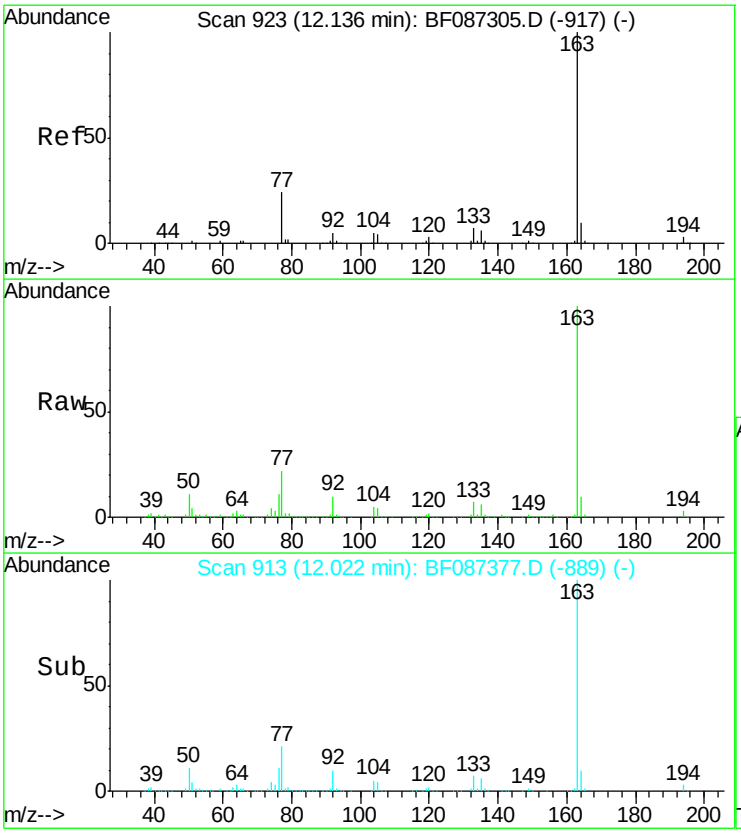
#48
Acenaphthylene
Concen: 2.83 ng
RT: 12.15 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF087377.D
Acq: 25 May 2016 17:52

Instrument :
BNA_F
ClientSampleId :
TA-1294-(0-4)

Tgt Ion:152 Resp: 52295

Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.8	25.2
153	14.5	10.9	16.3

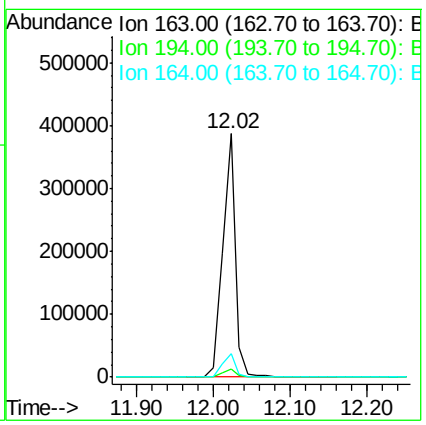


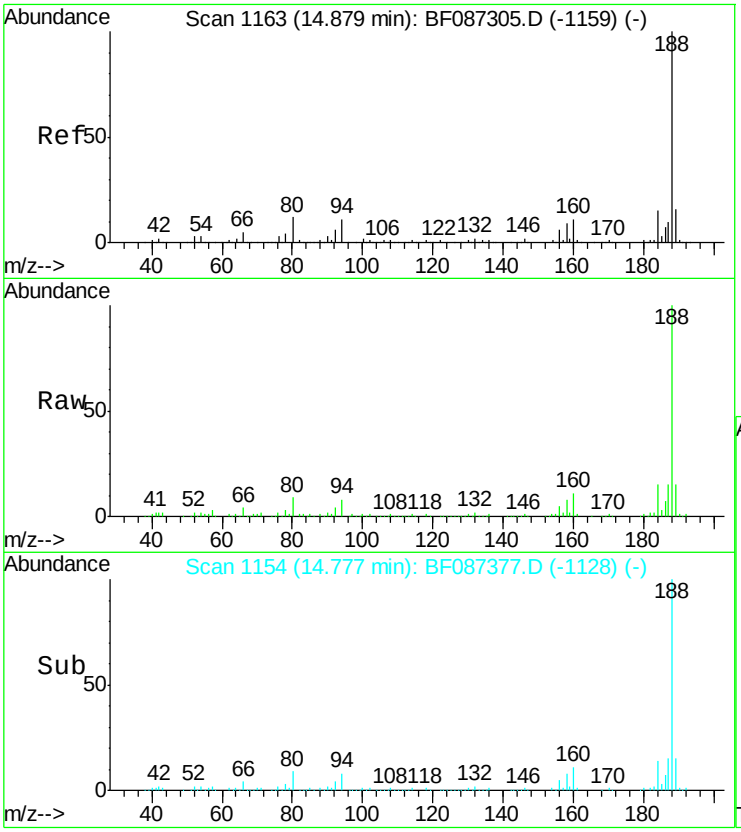


#49
Dimethylphthalate
Concen: 31.22 ng
RT: 12.02 min Scan# 913
Delta R.T. -0.02 min
Lab File: BF087377.D
Acq: 25 May 2016 17:52

Tgt Ion:163 Resp: 453217

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.9	8.2	12.4



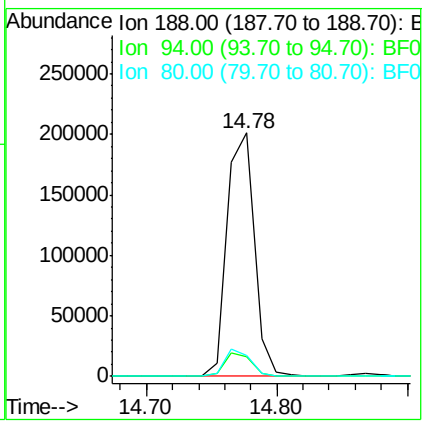


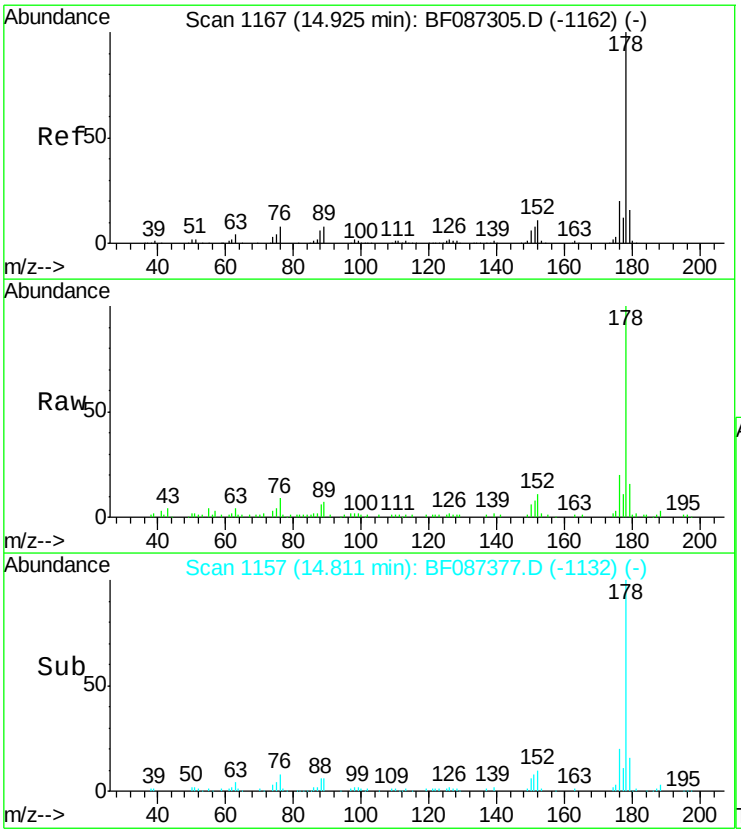
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF087377.D
Acq: 25 May 2016 17:52

Instrument :
BNA_F
ClientSampleId :
TA-1294-(0-4)

Tgt Ion:188 Resp: 293517

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.8	10.2
80	8.5	7.1	10.7

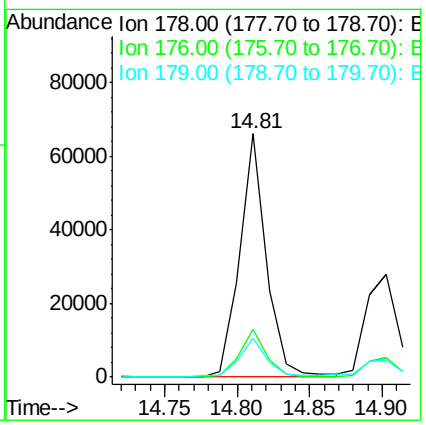


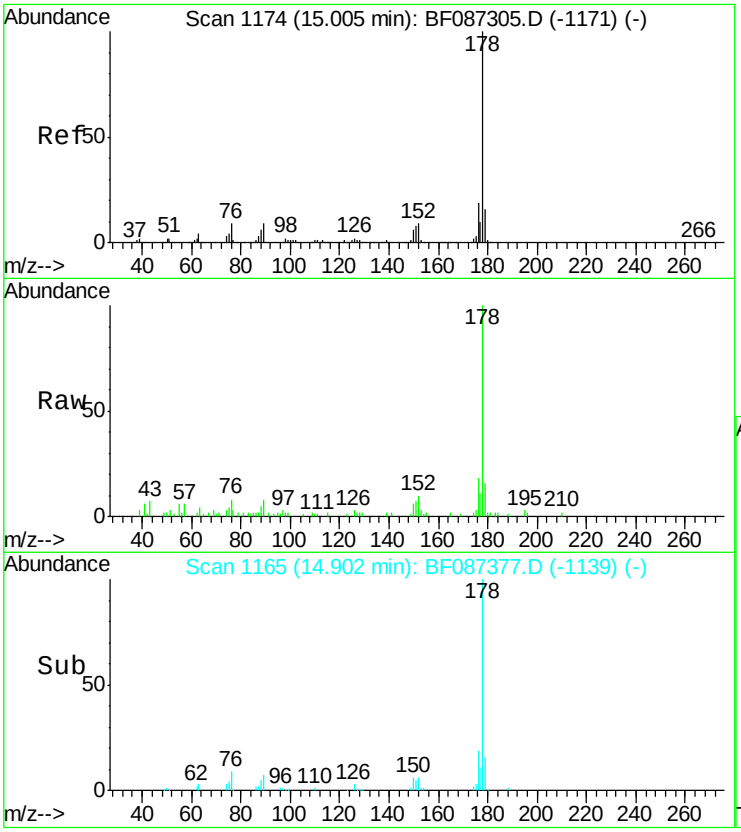


#70
Phenanthrene
Concen: 5.18 ng
RT: 14.81 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF087377.D
Acq: 25 May 2016 17:52

Tgt Ion:178 Resp: 84189

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	16.1	12.6	18.8



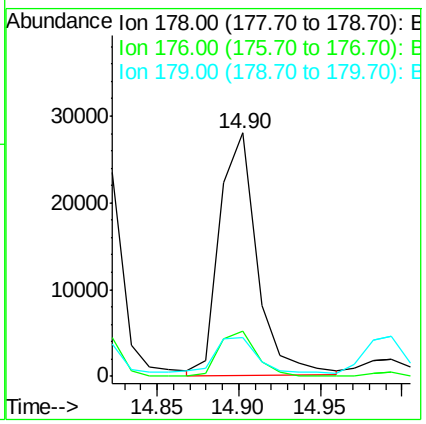


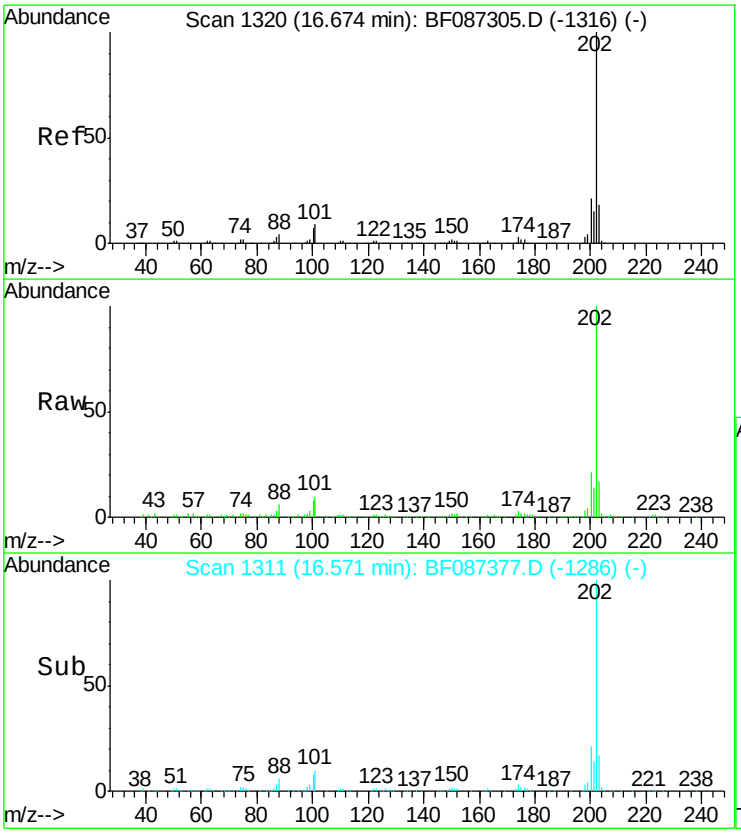
#71
Anthracene
Concen: 2.70 ng
RT: 14.90 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF087377.D
Acq: 25 May 2016 17:52

Instrument :
BNA_F
ClientSampleId :
TA-1294-(0-4)

Tgt Ion:178 Resp: 44417

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.6	23.4
179	15.9	12.7	19.1

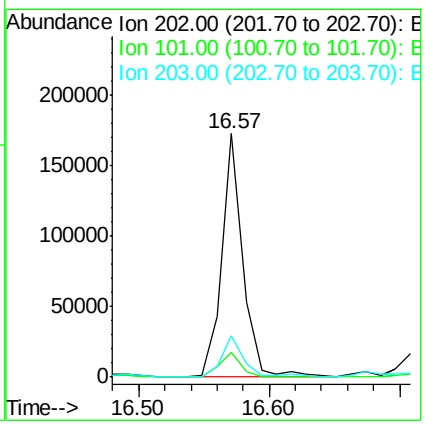


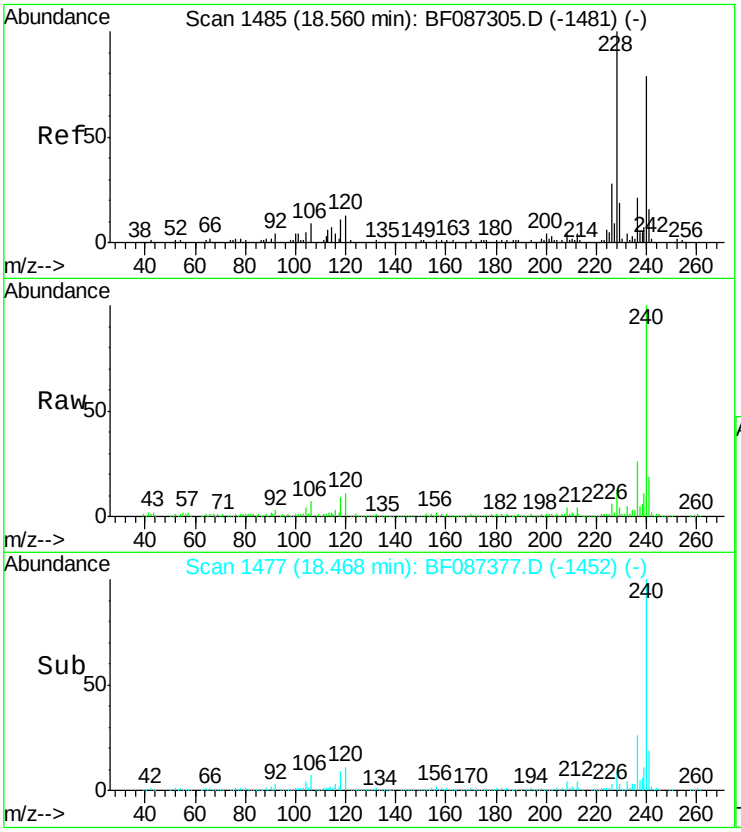


#74
Fluoranthene
Concen: 11.79 ng
RT: 16.57 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF087377.D
Acq: 25 May 2016 17:52

Tgt Ion:202 Resp: 192152

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	35.4
203	17.0	0.0	38.1



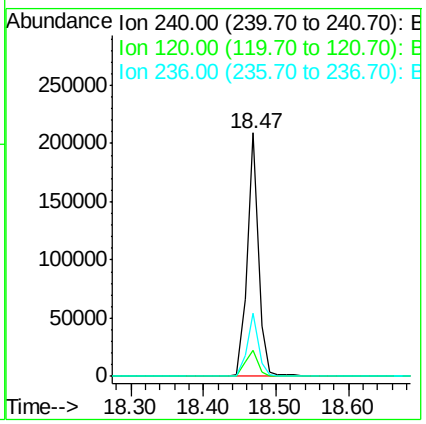


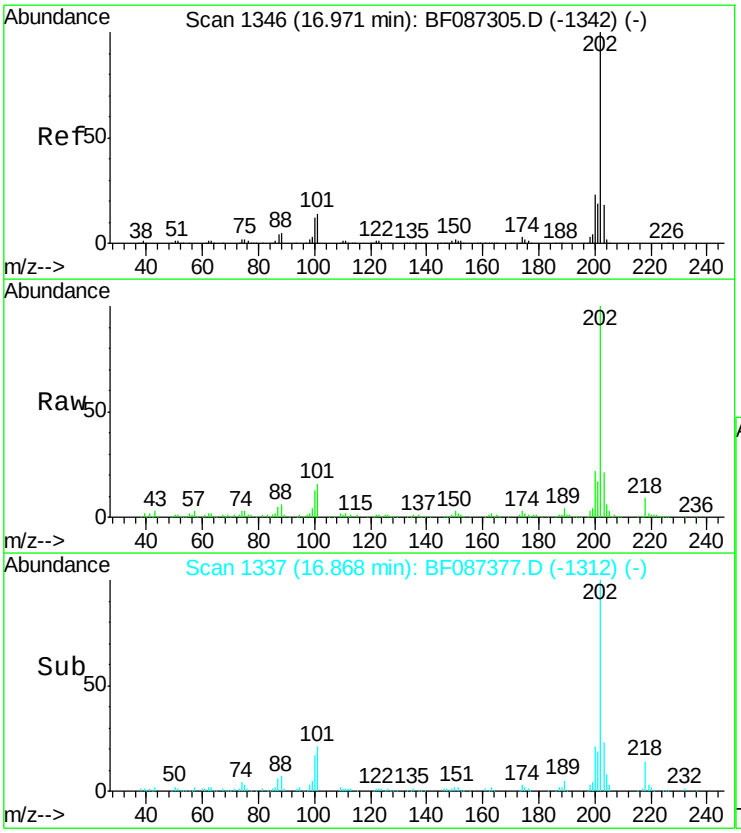
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.47 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF087377.D
Acq: 25 May 2016 17:52

Instrument :
BNA_F
ClientSampleId :
TA-1294-(0-4)

Tgt Ion:240 Resp: 227918

Ion	Ratio	Lower	Upper
240	100		
120	10.5	11.2	16.8#
236	25.8	21.2	31.8

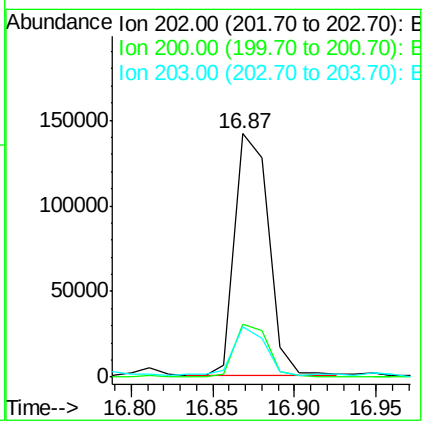


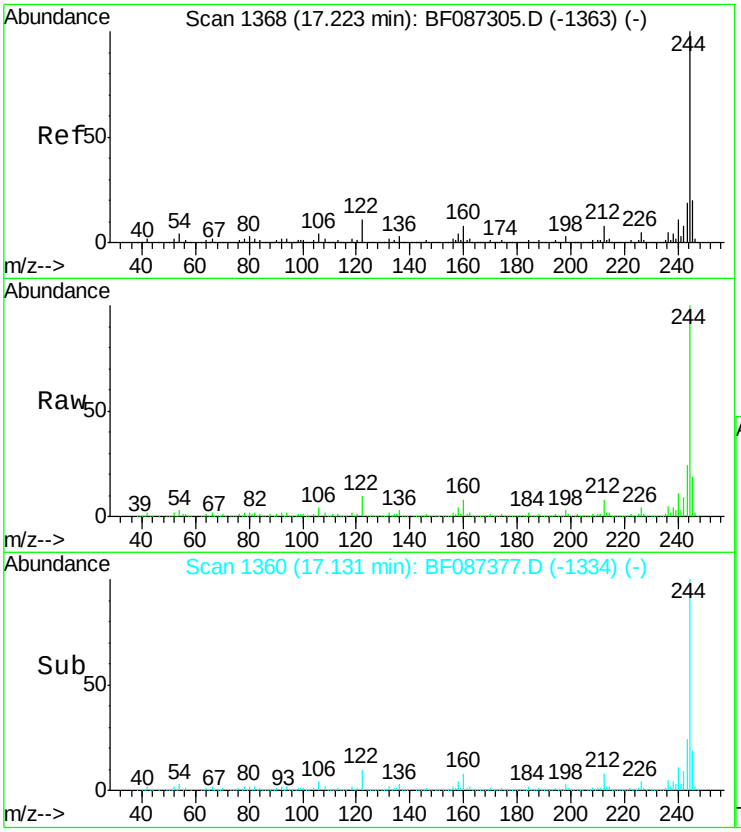


#77
Pyrene
Concen: 12.29 ng
RT: 16.87 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF087377.D
Acq: 25 May 2016 17:52

Tgt Ion:202 Resp: 201587

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.7	26.5
203	20.9	14.2	21.4



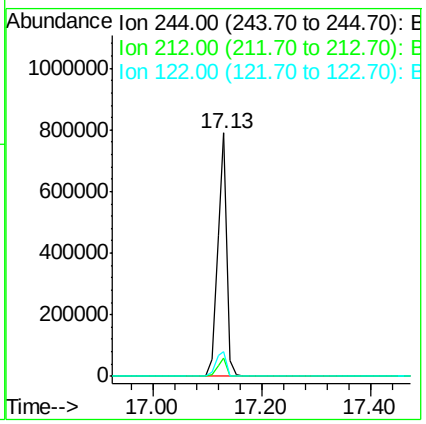


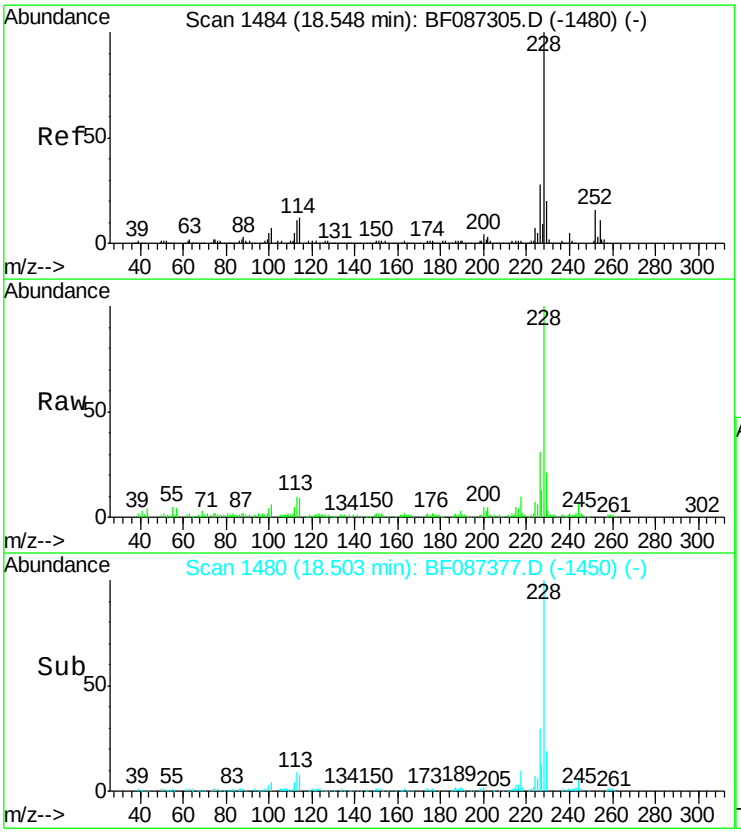
#78
Terphenyl-d14
Concen: 87.71 ng
RT: 17.13 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF087377.D
Acq: 25 May 2016 17:52

Instrument :
BNA_F
ClientSampleId :
TA-1294-(0-4)

Tgt Ion:244 Resp: 940282

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	10.3	12.0	18.0#

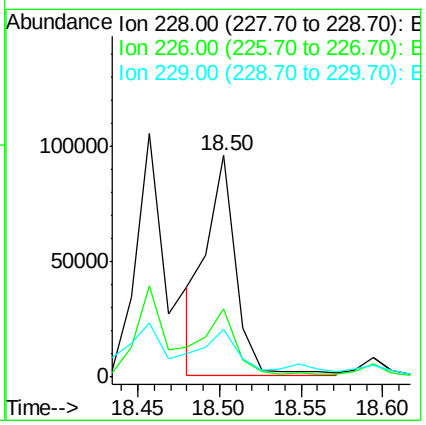


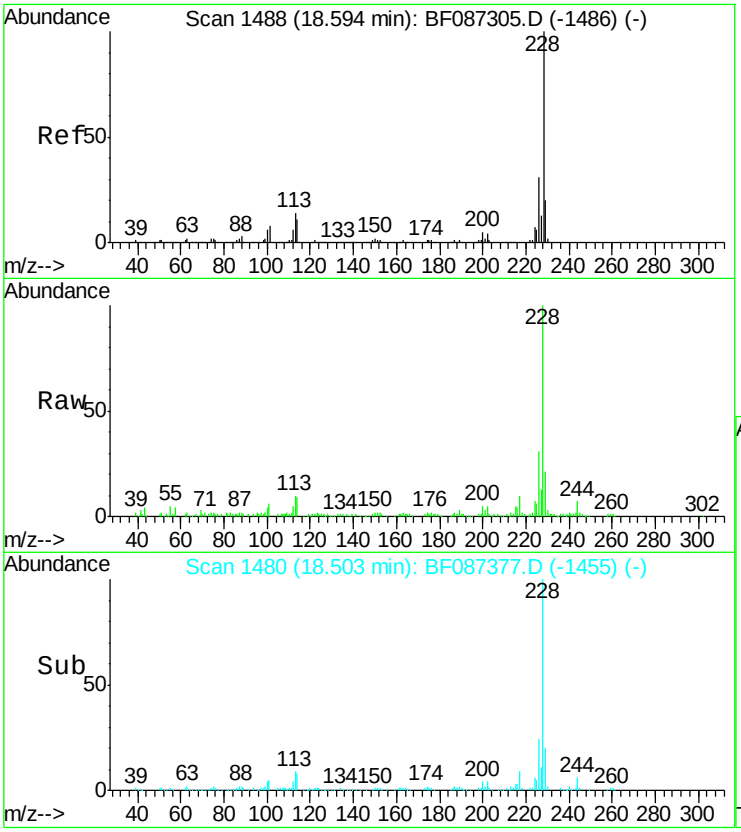


#80
Benzo(a)anthracene
Concen: 9.22 ng
RT: 18.50 min Scan# 1480
Delta R.T. 0.05 min
Lab File: BF087377.D
Acq: 25 May 2016 17:52

Tgt Ion:228 Resp: 119470

Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.5	33.7
229	21.5	16.6	25.0



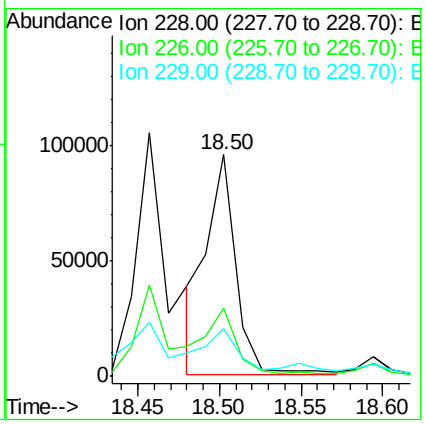


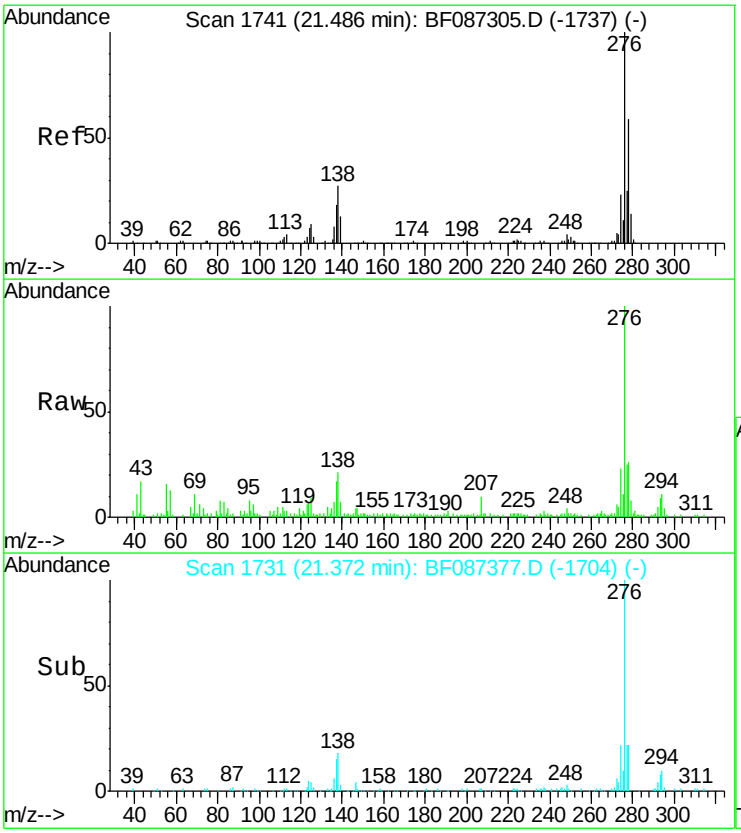
#82
Chrysene
Concen: 9.41 ng
RT: 18.50 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF087377.D
Acq: 25 May 2016 17:52

Instrument :
BNA_F
ClientSampleId :
TA-1294-(0-4)

Tgt Ion:228 Resp: 121094

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	21.5	15.8	23.8

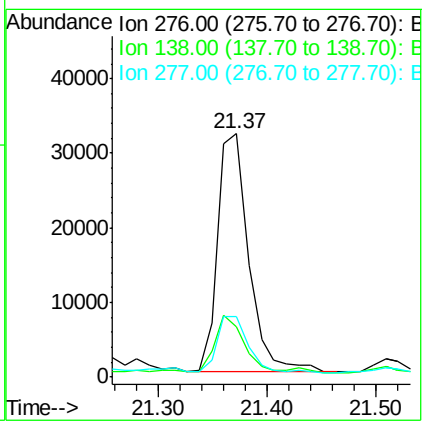


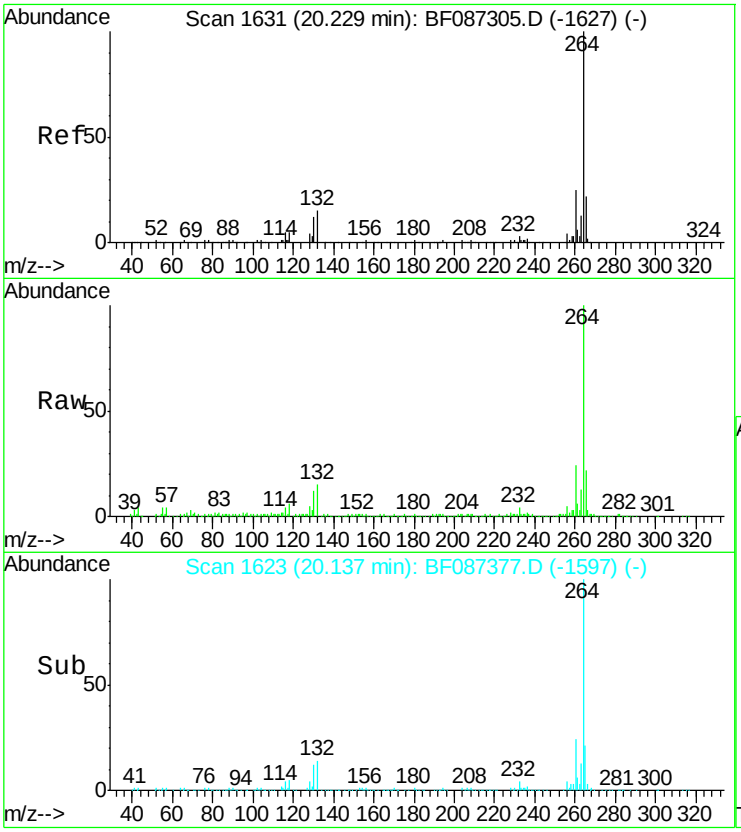


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.11 ng
RT: 21.37 min Scan# 1731
Delta R.T. 0.01 min
Lab File: BF087377.D
Acq: 25 May 2016 17:52

Tgt Ion:276 Resp: 63009

Ion	Ratio	Lower	Upper
276	100		
138	22.1	25.6	38.4#
277	24.4	20.5	30.7



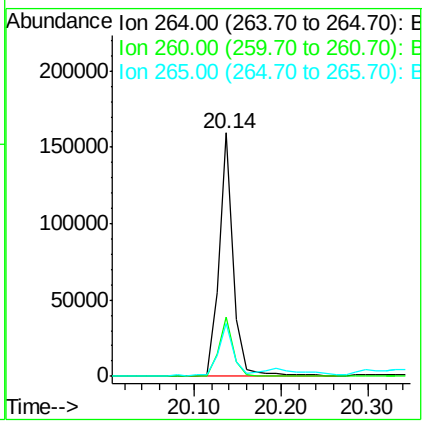


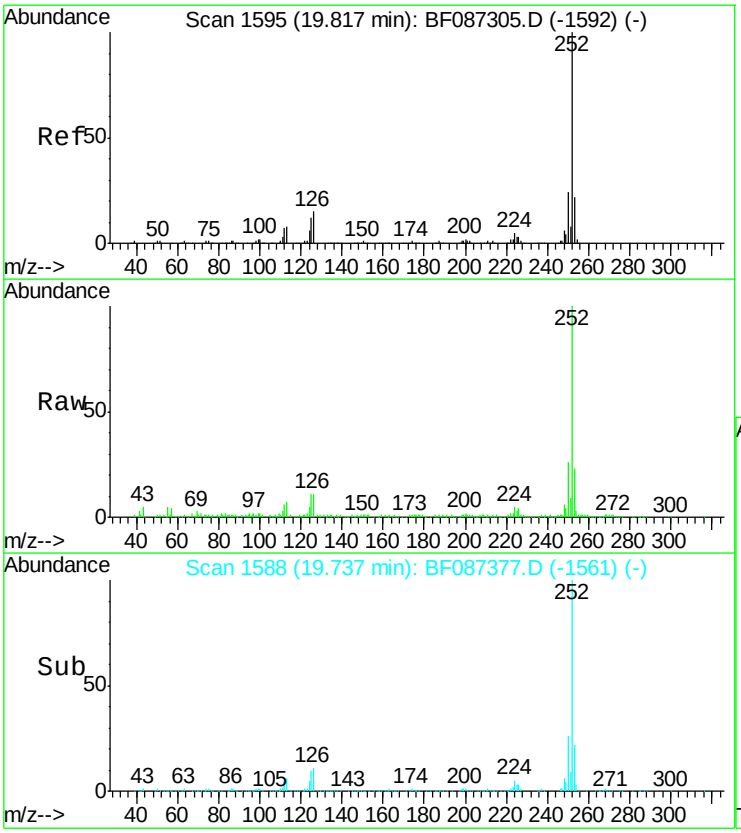
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.14 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BF087377.D
Acq: 25 May 2016 17:52

Instrument :
BNA_F
ClientSampleId :
TA-1294-(0-4)

Tgt Ion:264 Resp: 184469

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.7	17.3	25.9

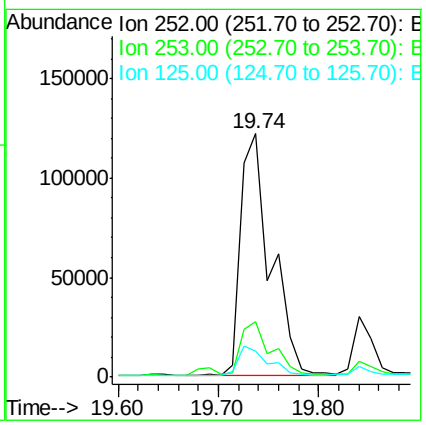


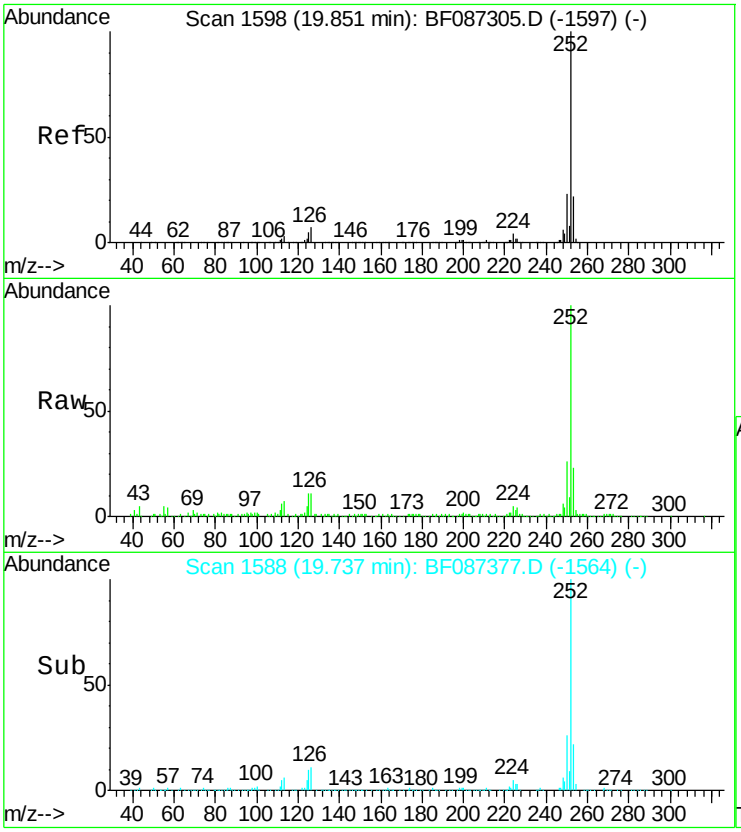


#87
Benzo(b)fluoranthene
Concen: 21.43 ng
RT: 19.74 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF087377.D
Acq: 25 May 2016 17:52

Tgt Ion:252 Resp: 251852

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	10.8	11.4	17.0#



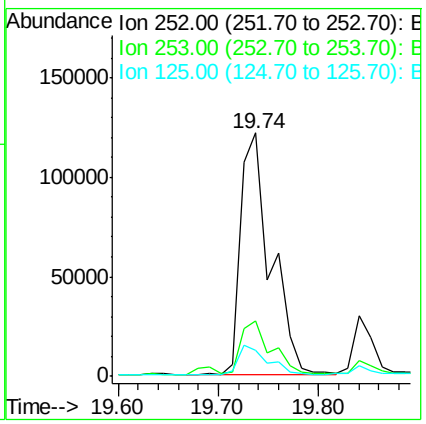


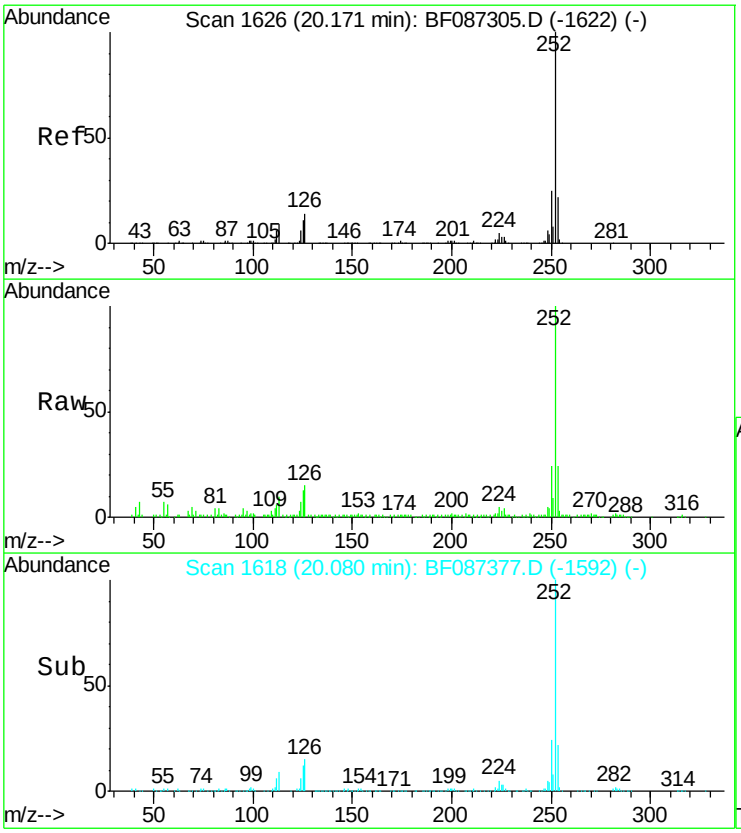
#88
Benzo(k)fluoranthene
Concen: 24.90 ng
RT: 19.74 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BF087377.D
Acq: 25 May 2016 17:52

Instrument :
BNA_F
ClientSampleId :
TA-1294-(0-4)

Tgt Ion:252 Resp: 251852

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	10.8	9.1	13.7

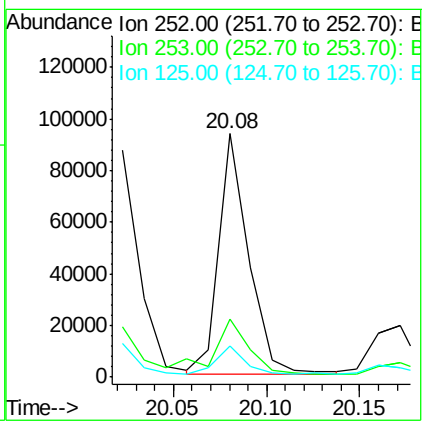


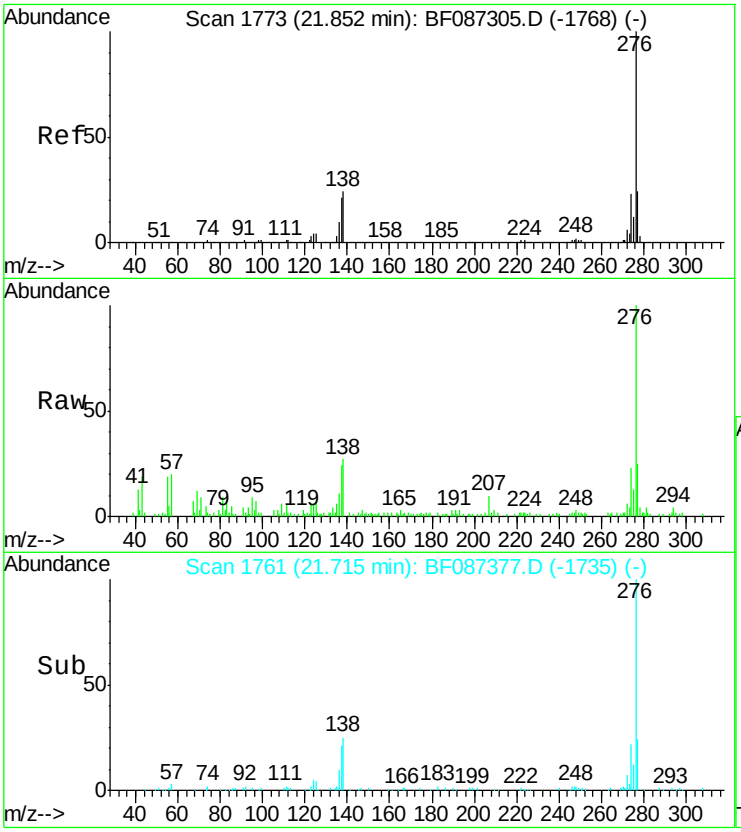


#89
Benzo(a)pyrene
Concen: 10.22 ng
RT: 20.08 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BF087377.D
Acq: 25 May 2016 17:52

Tgt Ion:252 Resp: 103863

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	12.8	9.0	13.6





#91
Benzo(g,h,i)perylene
Concen: 6.66 ng
RT: 21.71 min Scan# 1761
Delta R.T. 0.00 min
Lab File: BF087377.D
Acq: 25 May 2016 17:52

Instrument :
BNA_F
ClientSampleId :
TA-1294-(0-4)

Tgt Ion:276 Resp: 56991

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.6	29.4
138	26.8	23.6	35.4