Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060816\
Data File : BF087827.D
Acq On : 8 Jun 2016 23:45
Operator : UM/SJ
Sample : H3399-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-28

Quant Time: Jun 09 02:03:08 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	74056	20.00	ng		-0.02
21) Naphthalene-d8	8.11	136	316900	20.00	ng		-0.01
38) Acenaphthene-d10	9.87	164	132462	20.00	ng		-0.01
63) Phenanthrene-d10	11.35	188	225798	20.00	ng		-0.01
75) Chrysene-d12	13.99	240	201358	20.00	ng		0.00
86) Perylene-d12	15.42	264	157483	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	239041	55.18	ng		-0.01
7) Phenol-d6	6.46	99	297390	56.65	ng		-0.02
23) Nitrobenzene-d5	7.38	82	141011	25.98	ng		-0.03
41) 2,4,6-Tribromophenol	10.65	330	26135	18.69	ng		-0.02
44) 2-Fluorobiphenyl	9.19	172	310982	33.53	ng		-0.02
78) Terphenyl-d14	12.94	244	257756	29.13	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.47	94	1366	Below Cal			88
15) Benzyl Alcohol	6.97	79	48232	11.74	ng		91
19) n-Nitroso-di-n-propylamine	7.38	70	18221	5.43	ng	#	77
36) 4-Chloro-3-methylphenol	8.68	107	47282	10.21	ng	#	19
45) 1,1'-Biphenyl	9.29	154	2590	Below Cal			96
49) Dimethylphthalate	9.59	163	29884	3.11	ng		100
50) 2,6-Dinitrotoluene	9.87	165	17193	7.82	ng	#	37
55) 4-Nitrophenol	10.07	139	5174	2.63	ng	#	5
56) 2,4-Dinitrotoluene	9.87	165	17193	6.09	ng	#	36
57) Fluorene	10.41	166	15442	Below Cal			96
70) Phenanthrene	11.38	178	198762	16.78	ng		98
71) Anthracene	11.43	178	65588	5.49	ng		97
74) Fluoranthene	12.56	202	299824	23.98	ng		95
77) Pyrene	12.79	202	266454	17.83	ng		98
80) Benzo(a)anthracene	13.98	228	159347	13.89	ng		98
82) Chrysene	13.98	228	159347	14.76	ng		96
85) Indeno(1,2,3-cd)pyrene	16.80	276	46284	4.61	ng	#	100
87) Benzo(b)fluoranthene	15.01	252	175655	16.00	ng	#	94
88) Benzo(k)fluoranthene	15.01	252	175655	21.21	ng		99
89) Benzo(a)pyrene	15.36	252	86365	9.73	ng	#	96
91) Benzo(g,h,i)perylene	17.22	276	45202	5.33	ng		96

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

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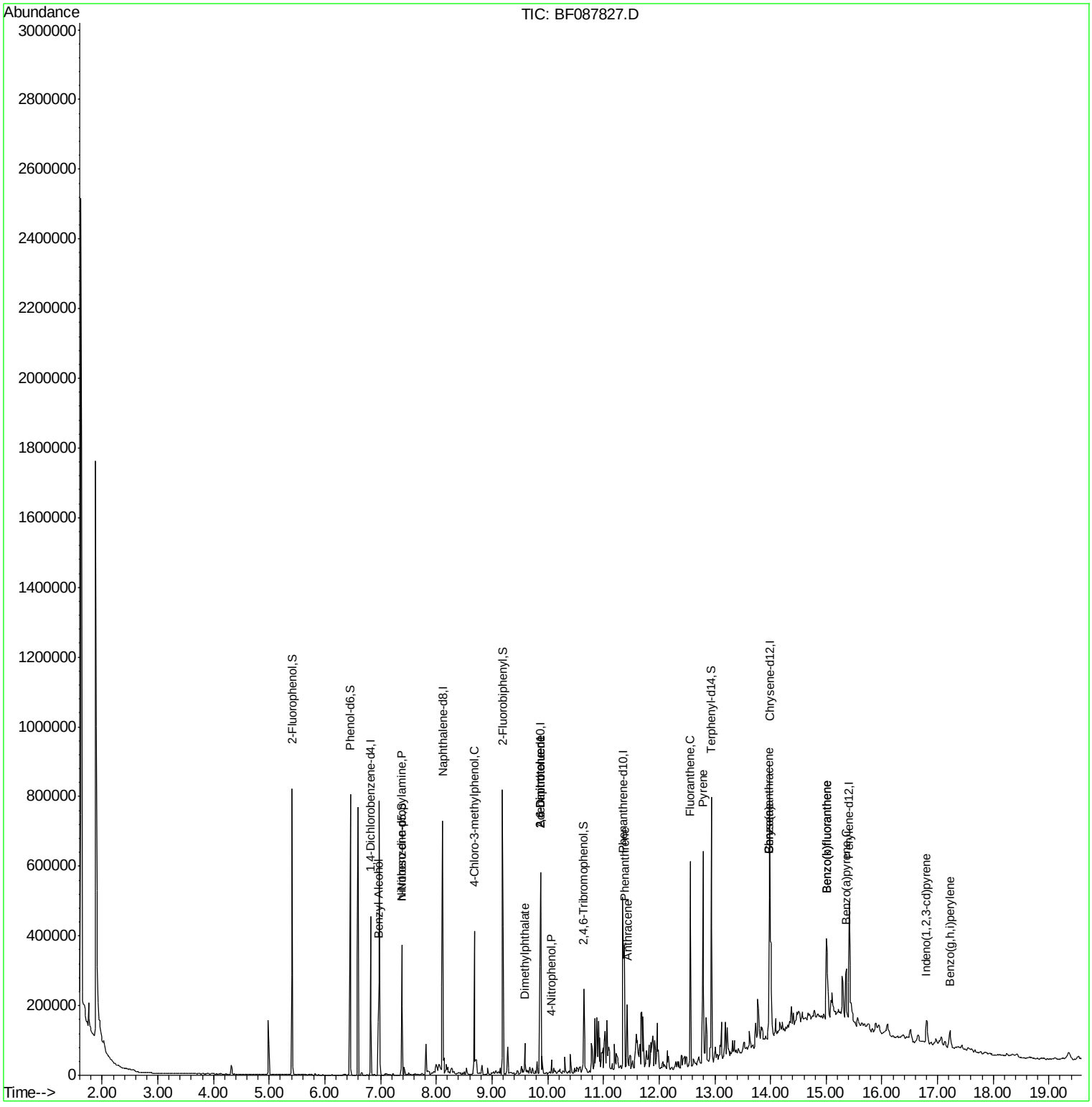
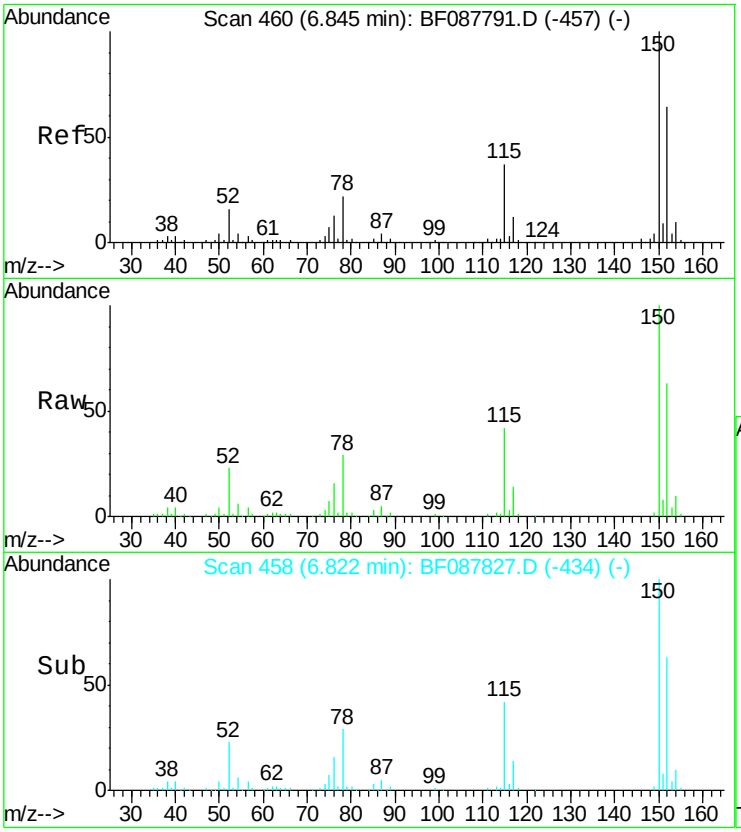


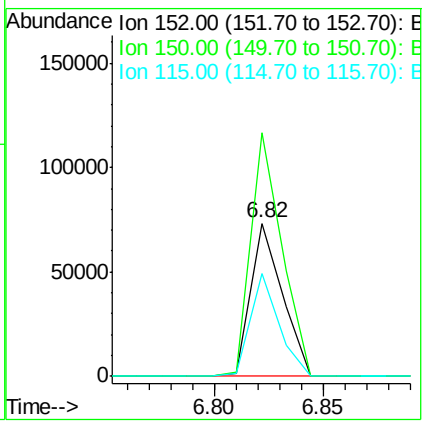


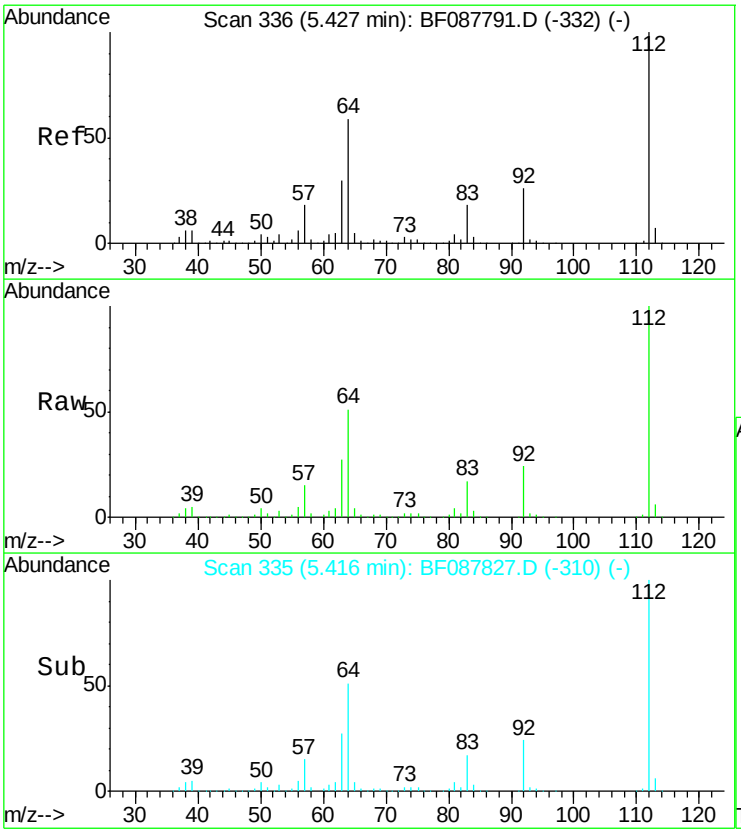
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SS-28

Tgt Ion:152 Resp: 74056

Ion	Ratio	Lower	Upper
152	100		
150	159.3	123.8	185.6
115	67.2	39.6	59.4#

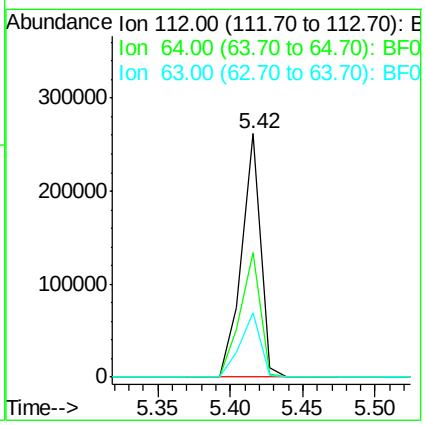


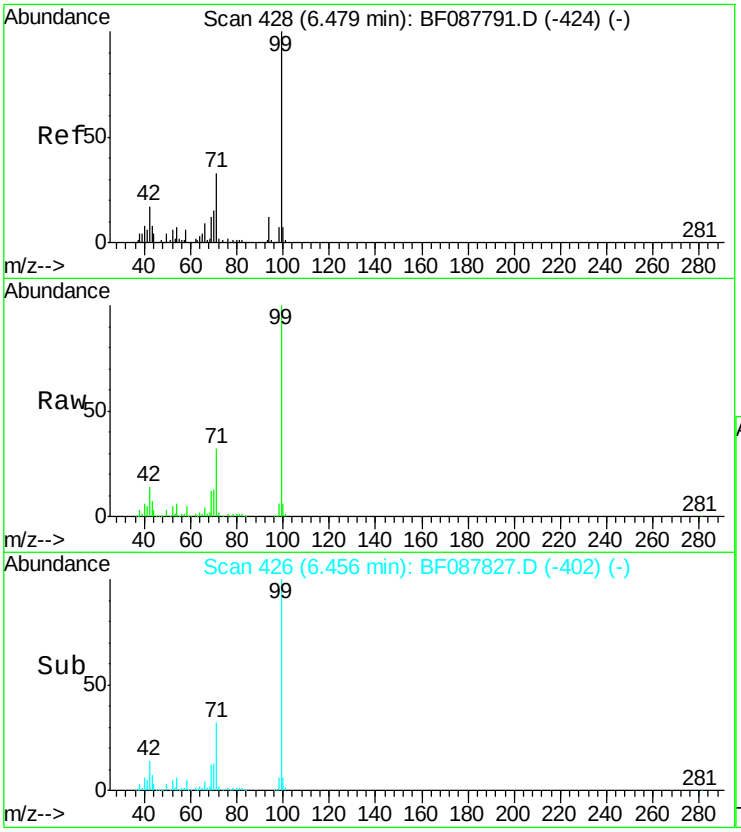


#5
2-Fluorophenol
Concen: 55.18 ng
RT: 5.42 min Scan# 335
Delta R.T. -0.01 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Tgt Ion:112 Resp: 239041

Ion	Ratio	Lower	Upper
112	100		
64	51.0	42.2	63.2
63	26.6	21.8	32.8



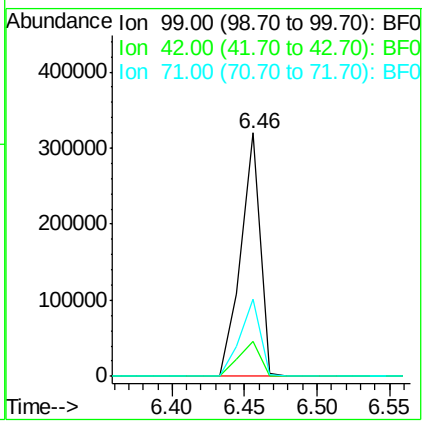


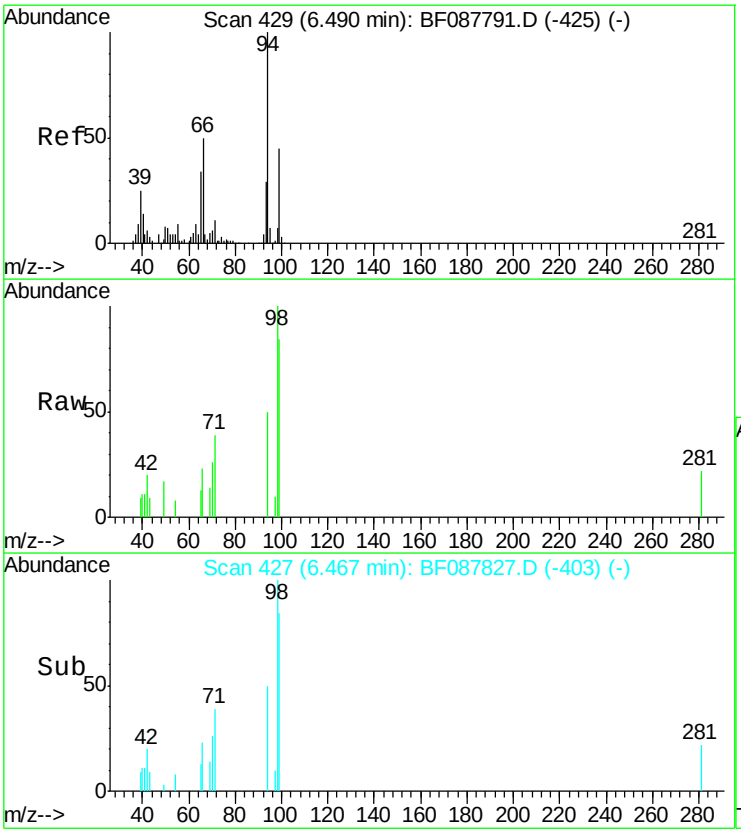
#7
Phenol-d6
Concen: 56.65 ng
RT: 6.46 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SS-28

Tgt Ion: 99 Resp: 297390

Ion	Ratio	Lower	Upper
99	100		
42	14.2	12.2	18.2
71	31.5	23.4	35.0

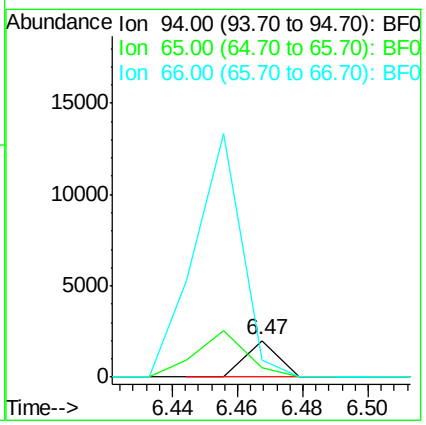


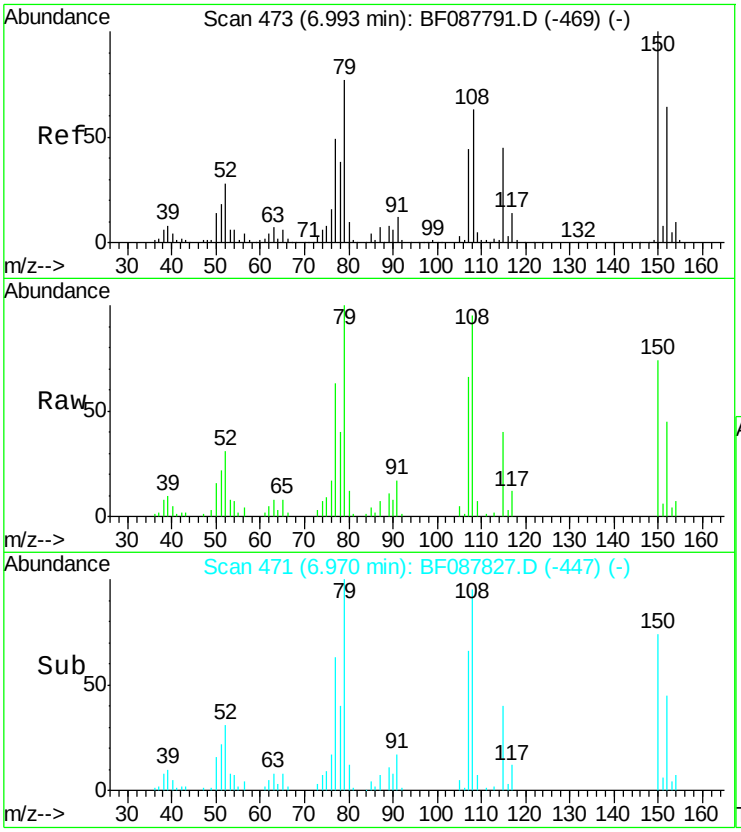


#10
Phenol
Concen: Below Cal
RT: 6.47 min Scan# 427
Delta R.T. -0.02 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Tgt Ion: 94 Resp: 1366

Ion	Ratio	Lower	Upper
94	100		
65	26.4	5.9	45.9
66	45.9	14.0	54.0



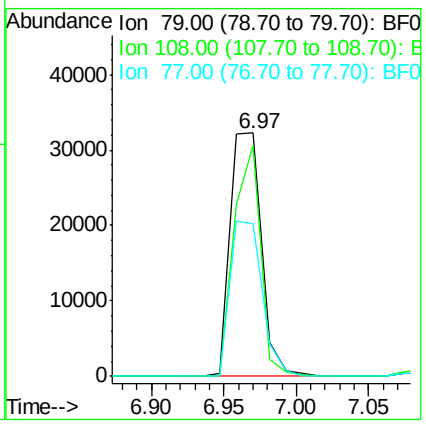


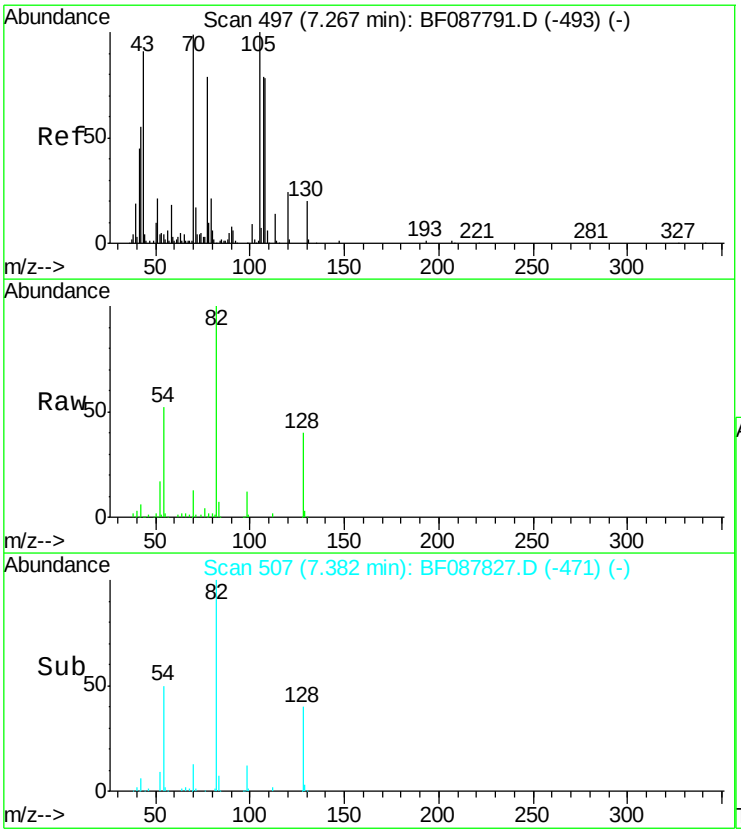
#15
Benzyl Alcohol
Concen: 11.74 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.02 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SS-28

Tgt Ion: 79 Resp: 48232

Ion	Ratio	Lower	Upper
79	100		
108	94.7	65.0	97.6
77	62.6	50.3	75.5

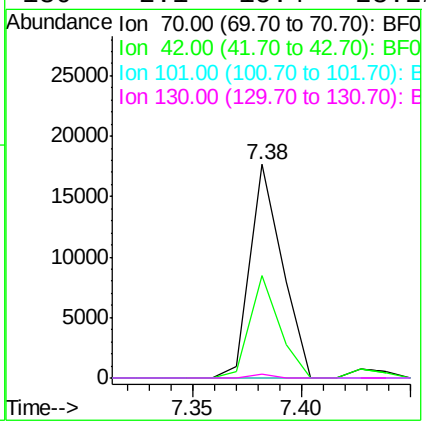


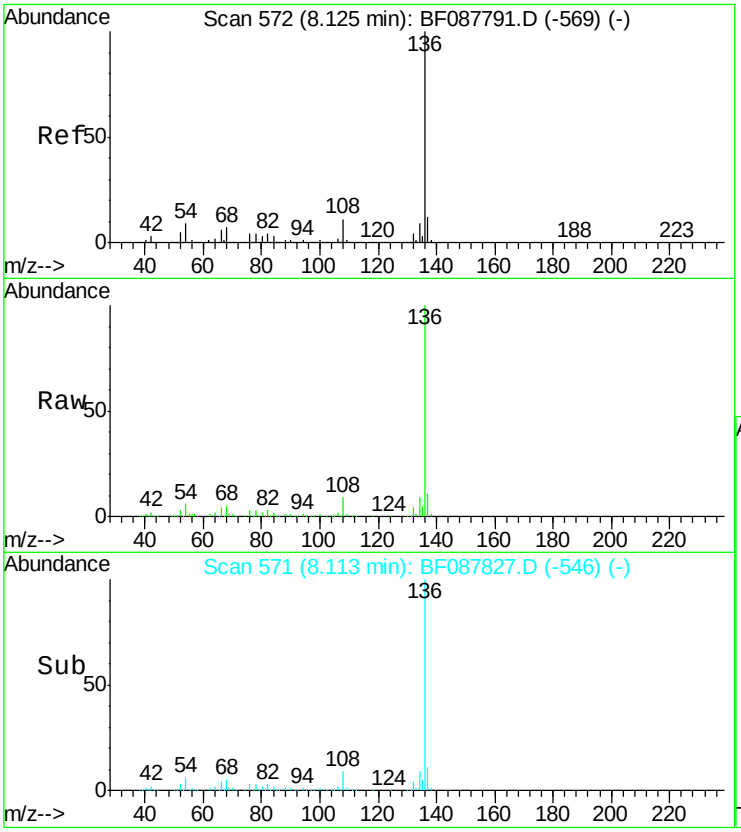


#19
n-Nitroso-di-n-propylamine
Concen: 5.43 ng
RT: 7.38 min Scan# 507
Delta R.T. 0.11 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Tgt Ion: 70 Resp: 18221

Ion	Ratio	Lower	Upper
70	100		
42	48.1	49.6	74.4#
101	0.0	7.1	10.7#
130	2.1	15.4	23.2#



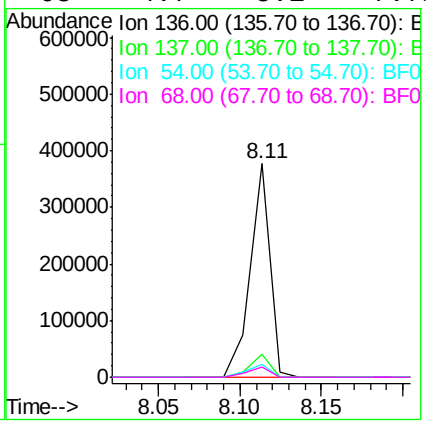


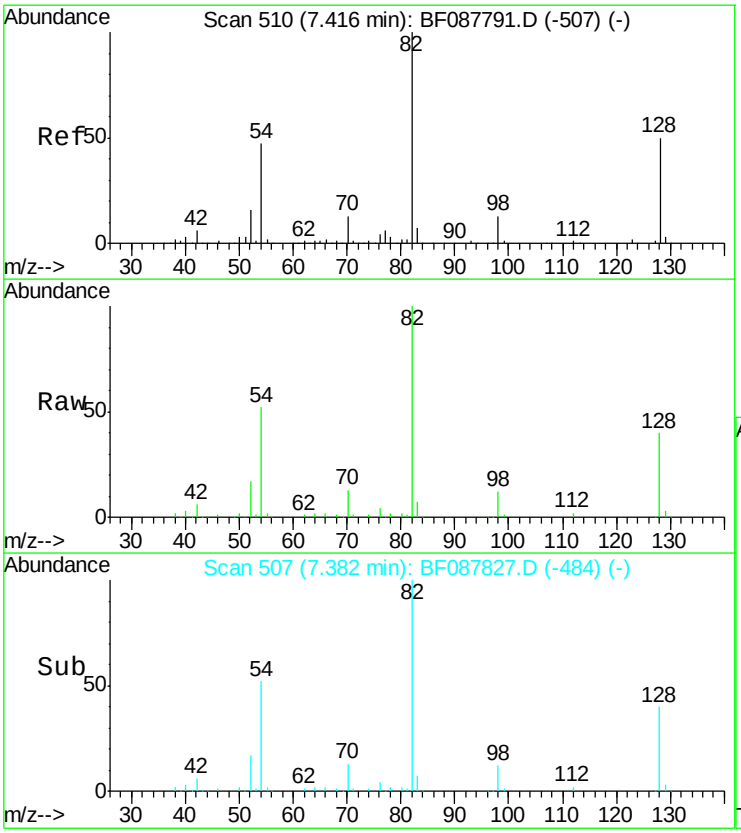
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SS-28

Tgt Ion:136 Resp: 316900

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.1	6.6	10.0#
68	4.7	5.1	7.7#

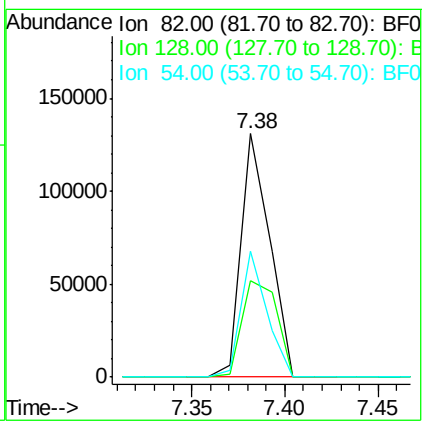


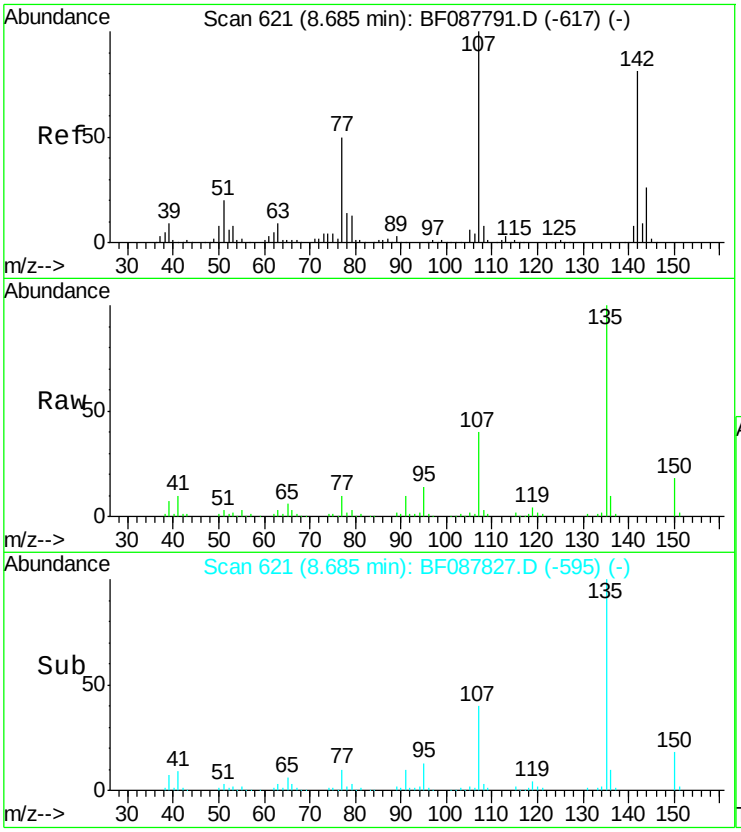


#23
Nitrobenzene-d5
Concen: 25.98 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.03 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Tgt Ion: 82 Resp: 141011

Ion	Ratio	Lower	Upper
82	100		
128	39.8	35.9	53.9
54	51.9	40.9	61.3



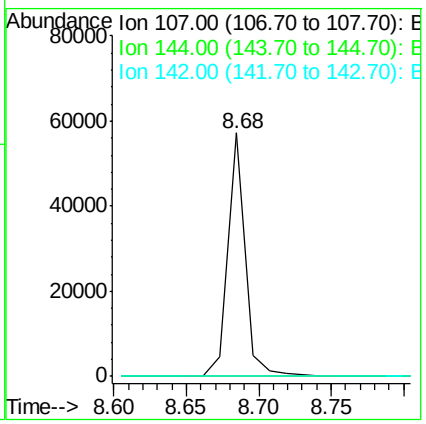


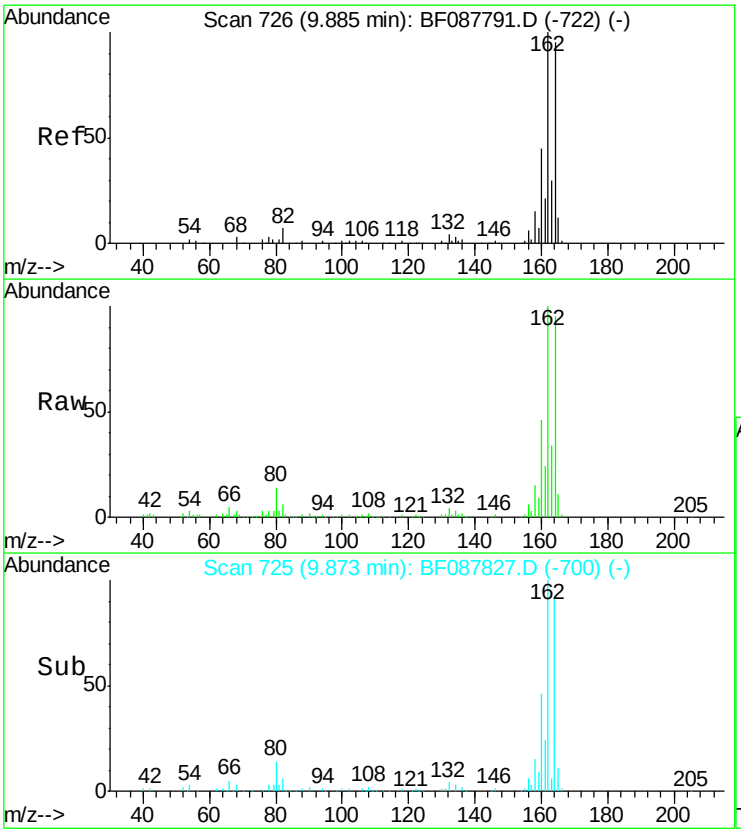
#36
4-Chloro-3-methylphenol
Concen: 10.21 ng
RT: 8.68 min Scan# 621
Delta R.T. -0.00 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SS-28

Tgt Ion:107 Resp: 47282

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.8	31.2#
142	0.0	63.4	95.2#

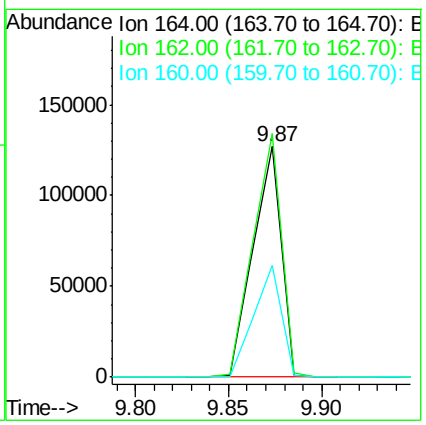


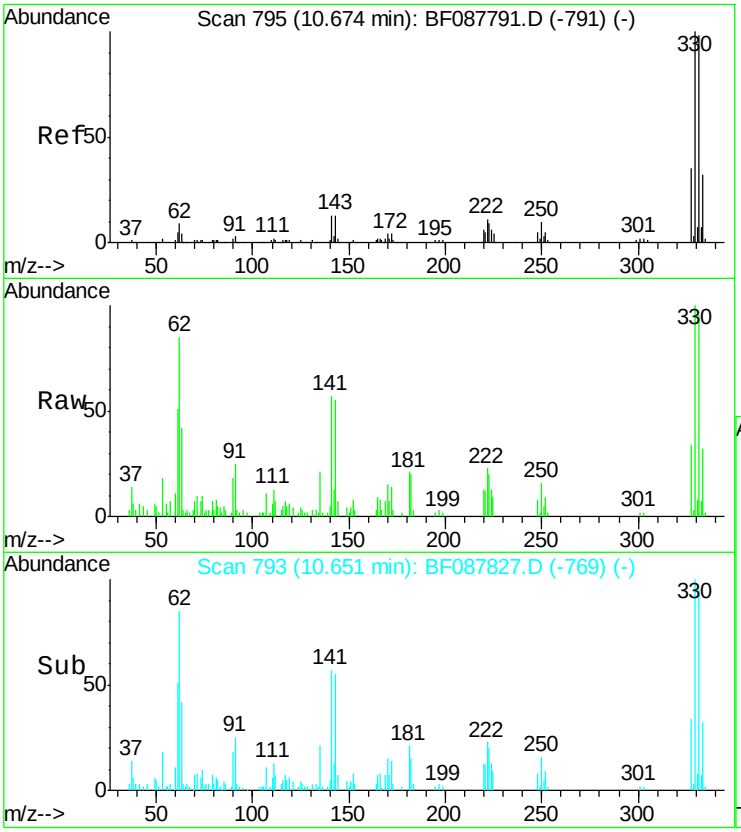


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Tgt Ion:164 Resp: 132462

Ion	Ratio	Lower	Upper
164	100		
162	105.7	85.4	128.2
160	48.5	39.5	59.3



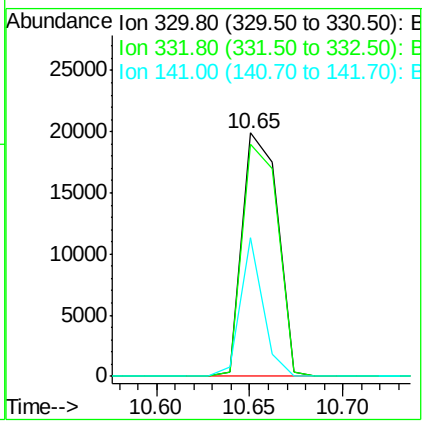


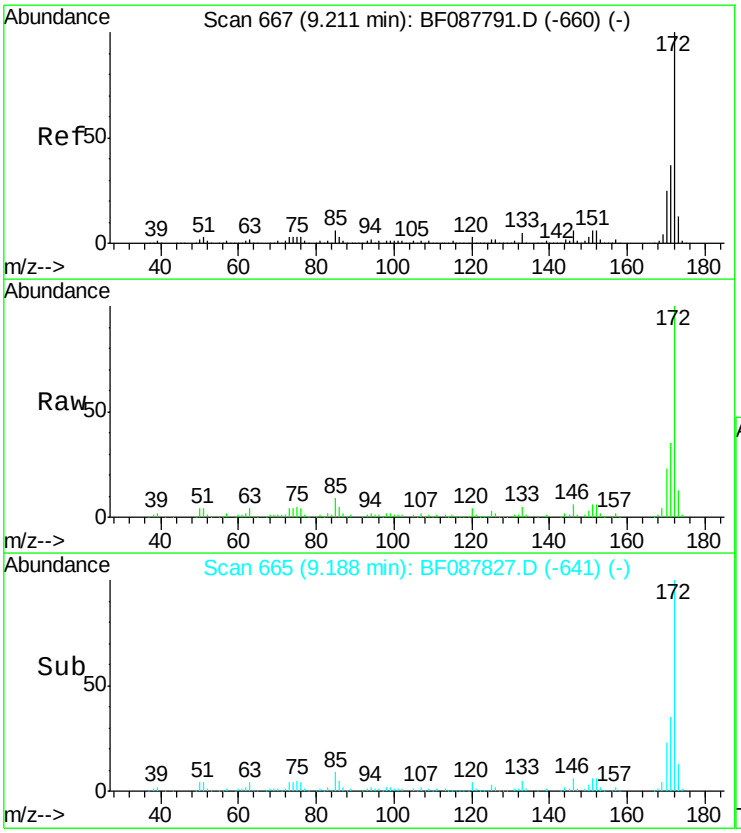
#41
2,4,6-Tribromophenol
Concen: 18.69 ng
RT: 10.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SS-28

Tgt Ion:330 Resp: 26135

Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	36.5	0.0	0.0#

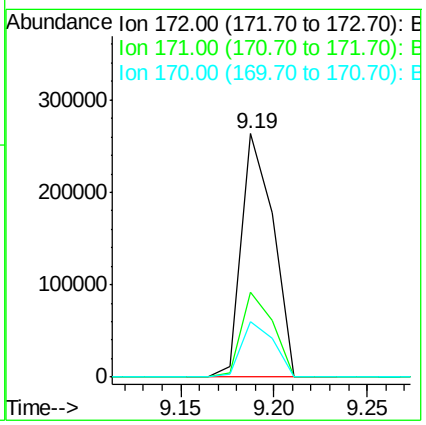


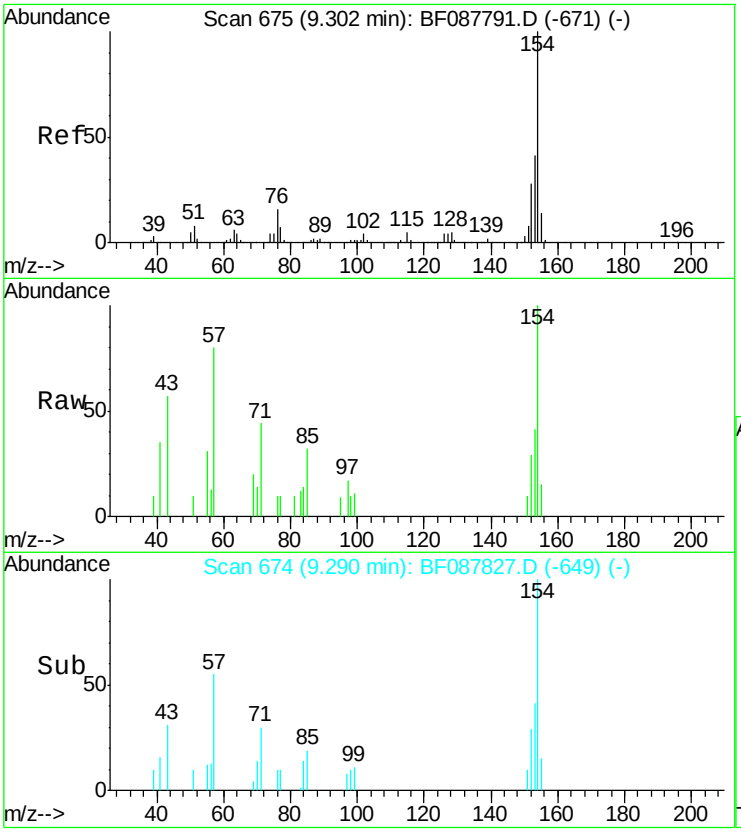


#44
2-Fluorobiphenyl
Concen: 33.53 ng
RT: 9.19 min Scan# 665
Delta R.T. -0.02 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Tgt Ion:172 Resp: 310982

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	43.0
170	22.8	19.2	28.8



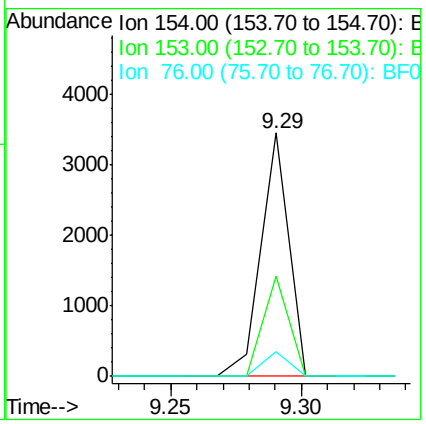


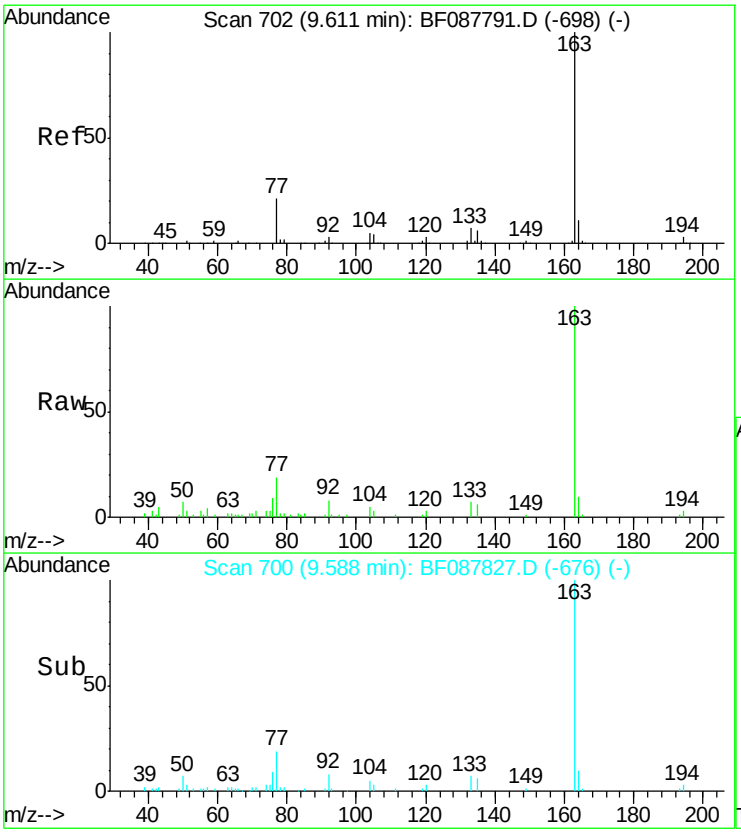
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.29 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SS-28

Tgt Ion:154 Resp: 2590

Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.6	60.6
76	10.1	0.0	35.1

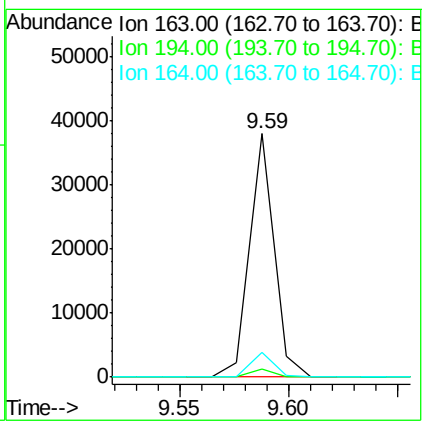


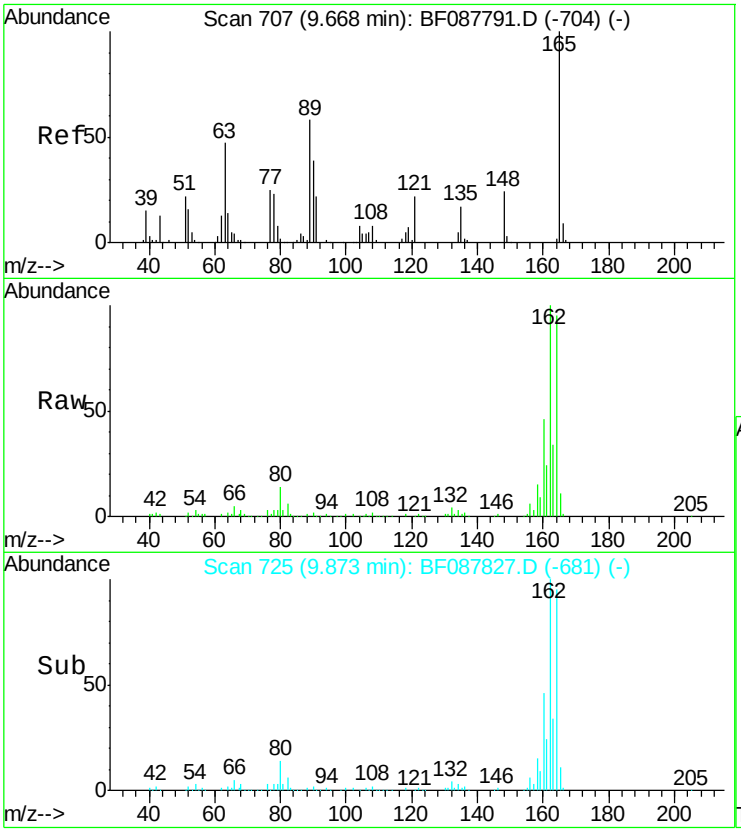


#49
Dimethylphthalate
Concen: 3.11 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.02 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Tgt Ion:163 Resp: 29884

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	10.3	8.3	12.5



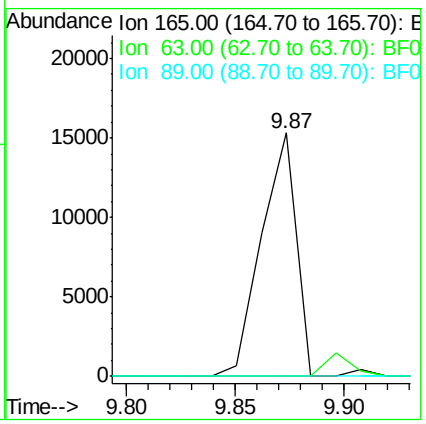


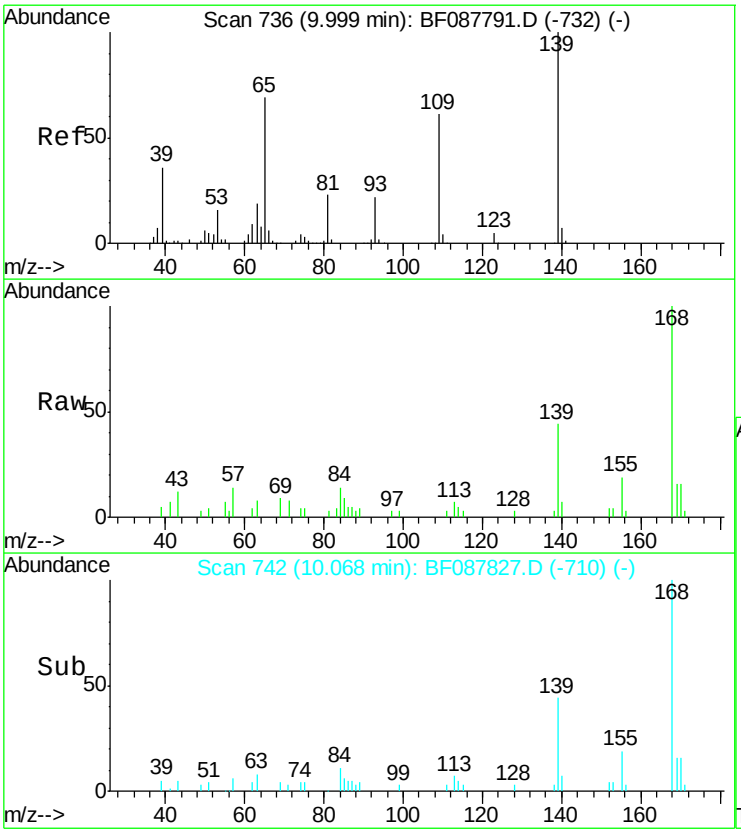
#50
2,6-Dinitrotoluene
Concen: 7.82 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.21 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SS-28

Tgt Ion:165 Resp: 17193

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	0.0	32.2	48.2#

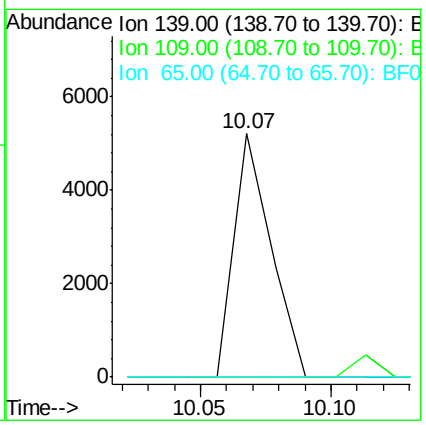


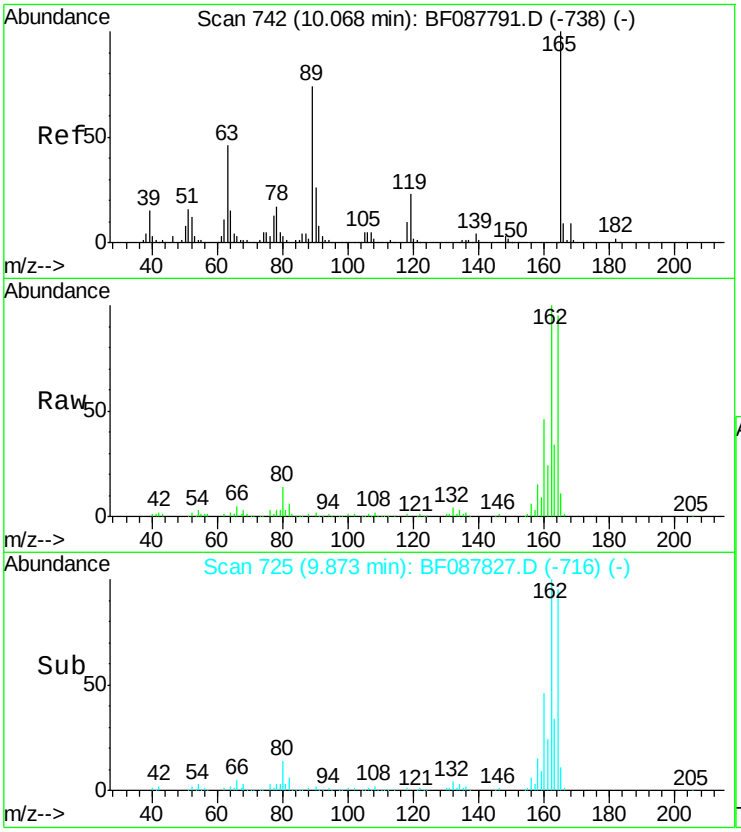


#55
4-Nitrophenol
Concen: 2.63 ng
RT: 10.07 min Scan# 742
Delta R.T. 0.07 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Tgt Ion:139 Resp: 5174

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.9	88.9#
65	0.0	84.9	124.9#



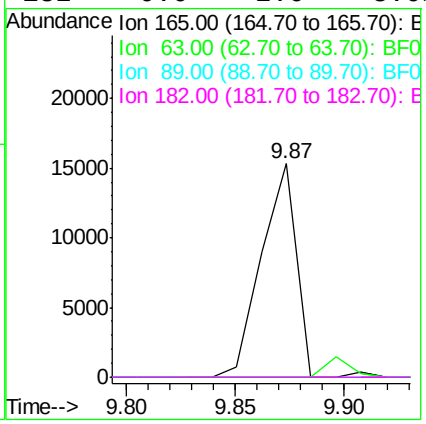


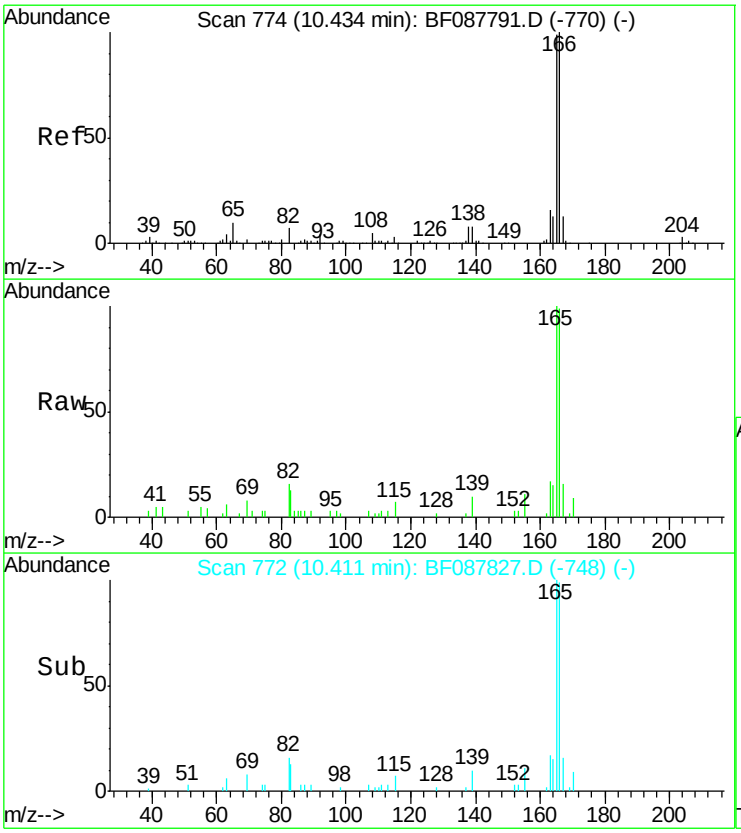
#56
2,4-Dinitrotoluene
Concen: 6.09 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.19 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SS-28

Tgt Ion:165 Resp: 17193

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

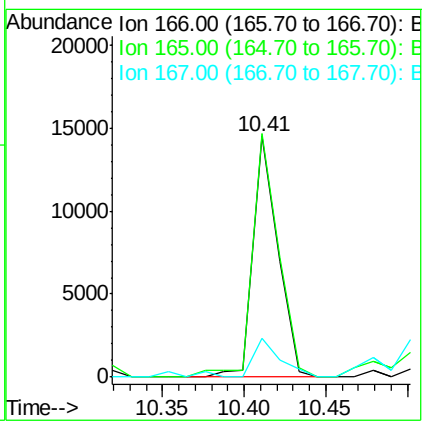


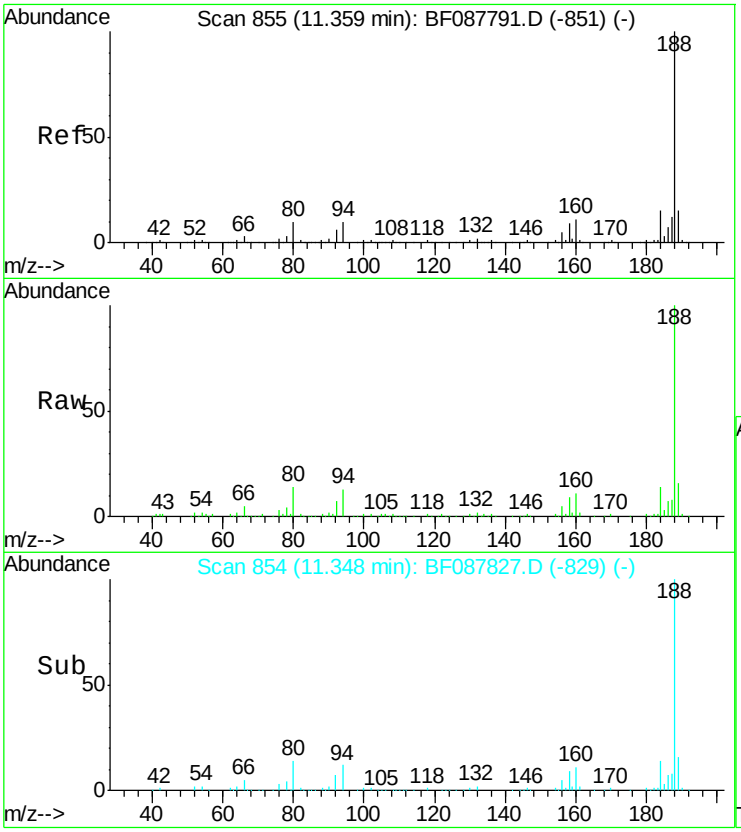


#57
Fluorene
Concen: Below Cal
RT: 10.41 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Tgt Ion:166 Resp: 15442

Ion	Ratio	Lower	Upper
166	100		
165	101.1	77.8	116.8
167	16.2	11.2	16.8



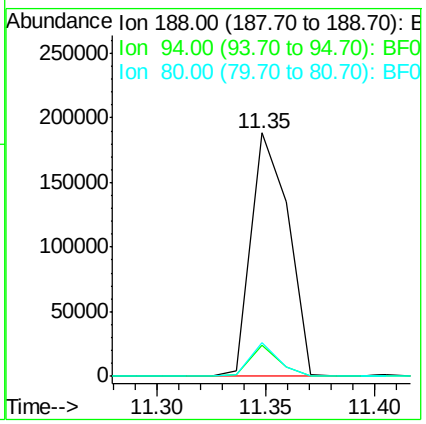


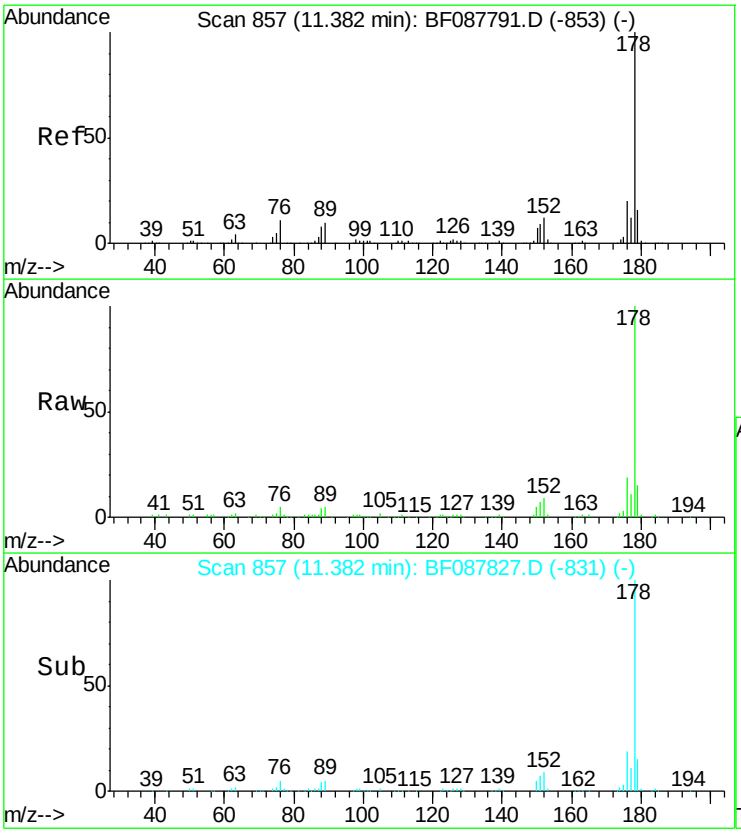
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SS-28

Tgt Ion:188 Resp: 225798

Ion	Ratio	Lower	Upper
188	100		
94	12.7	9.0	13.6
80	13.9	10.0	15.0

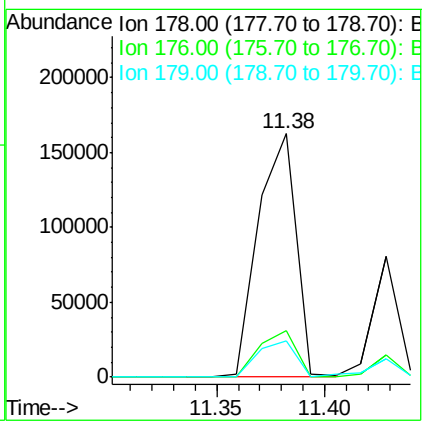


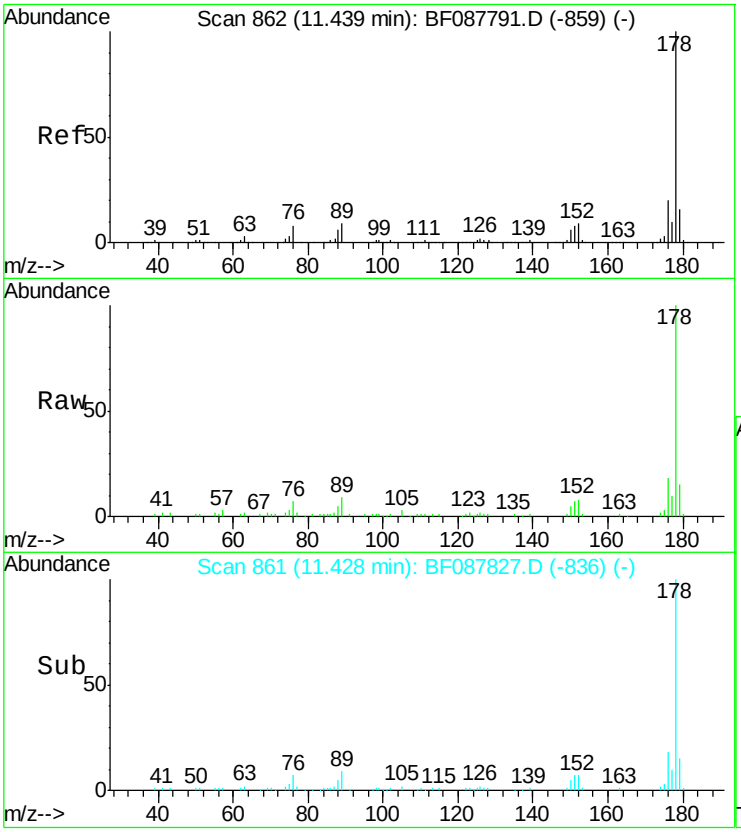


#70
Phenanthrene
Concen: 16.78 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Tgt Ion:178 Resp: 198762

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.6
179	14.8	13.0	19.4



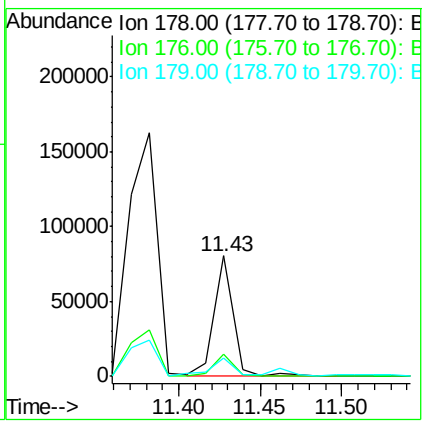


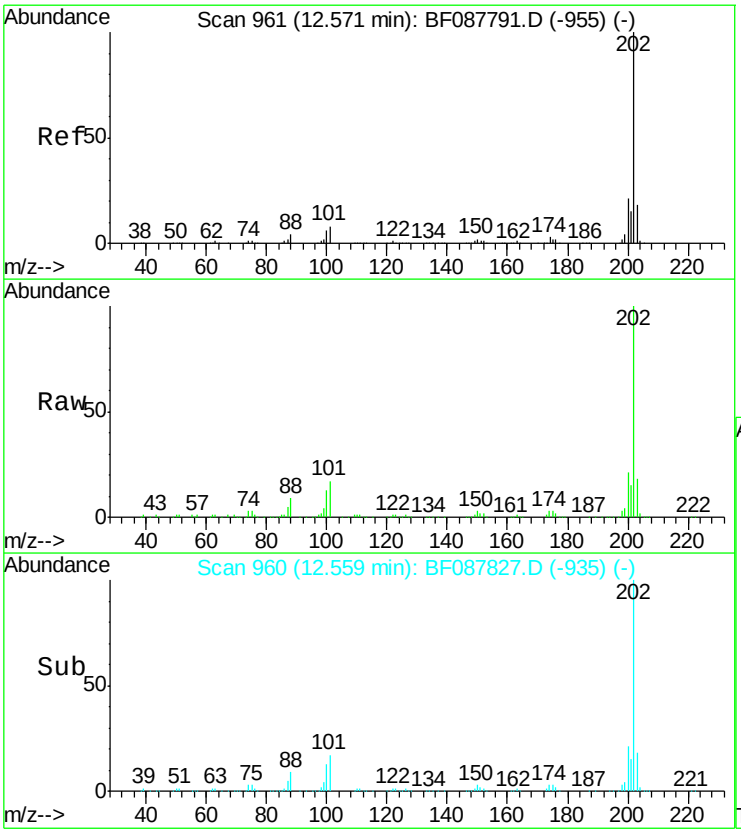
#71
Anthracene
Concen: 5.49 ng
RT: 11.43 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SS-28

Tgt Ion:178 Resp: 65588

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.6	23.4
179	15.0	12.8	19.2

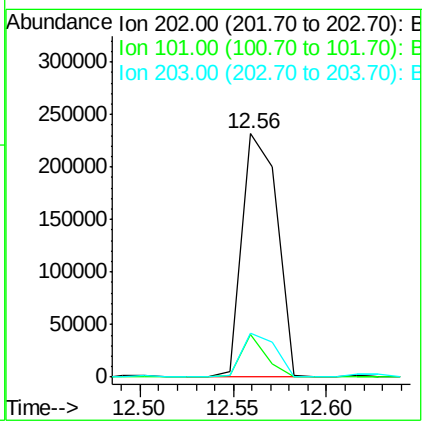


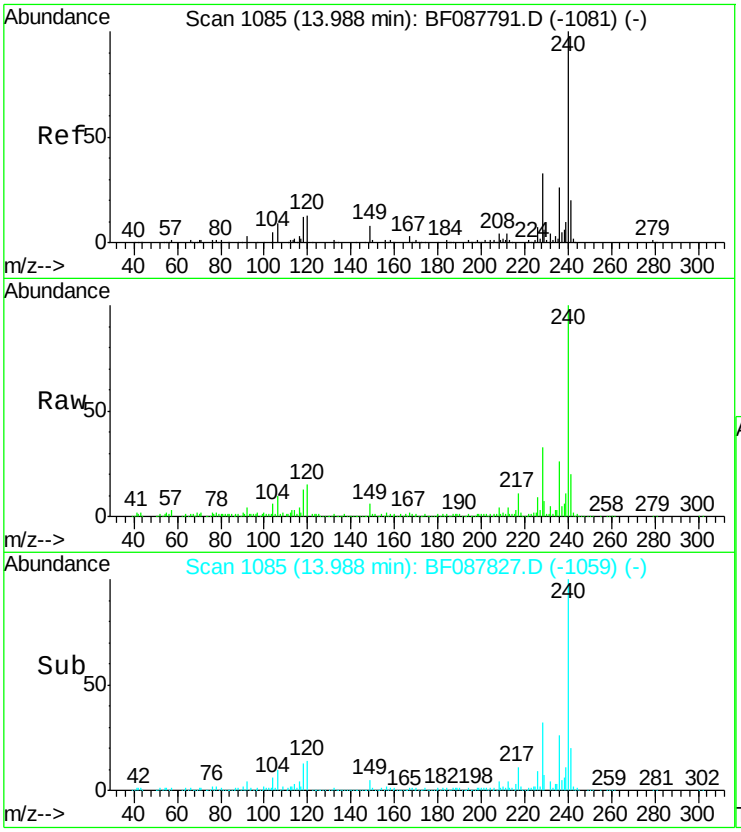


#74
Fluoranthene
Concen: 23.98 ng
RT: 12.56 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Tgt Ion:202 Resp: 299824

Ion	Ratio	Lower	Upper
202	100		
101	17.4	0.0	33.1
203	18.0	0.0	38.1



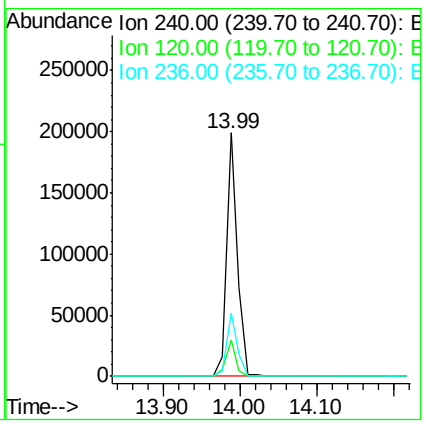


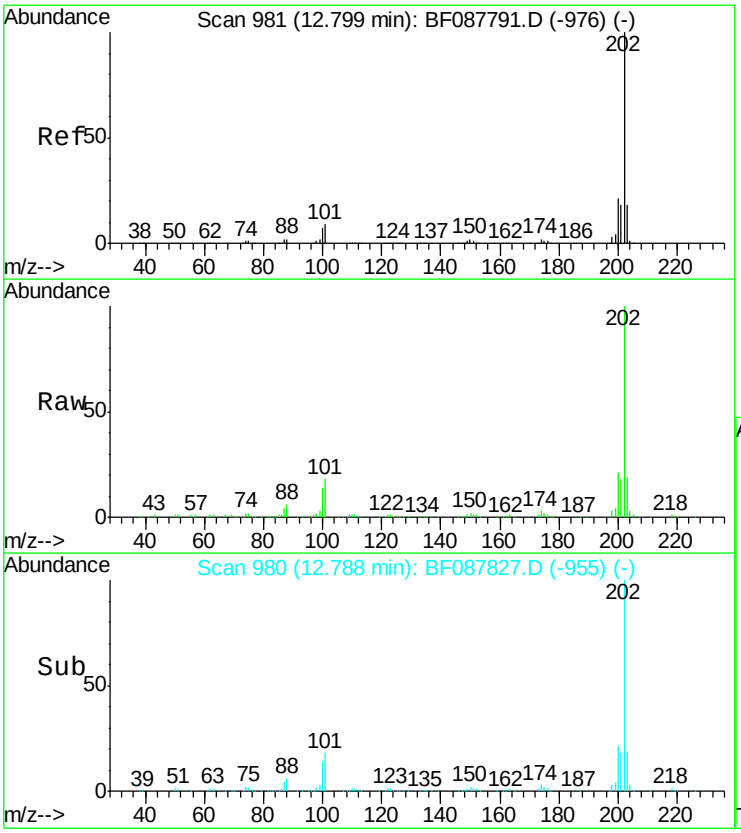
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SS-28

Tgt Ion:240 Resp: 201358

Ion	Ratio	Lower	Upper
240	100		
120	14.6	6.8	10.2#
236	25.9	20.2	30.2

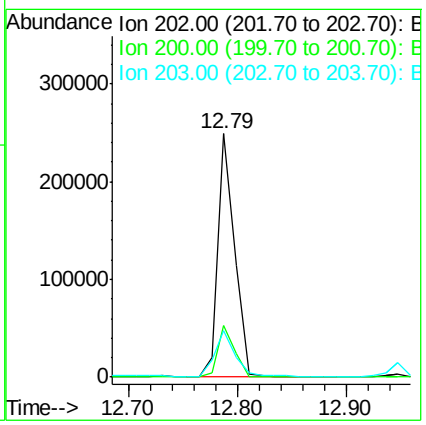


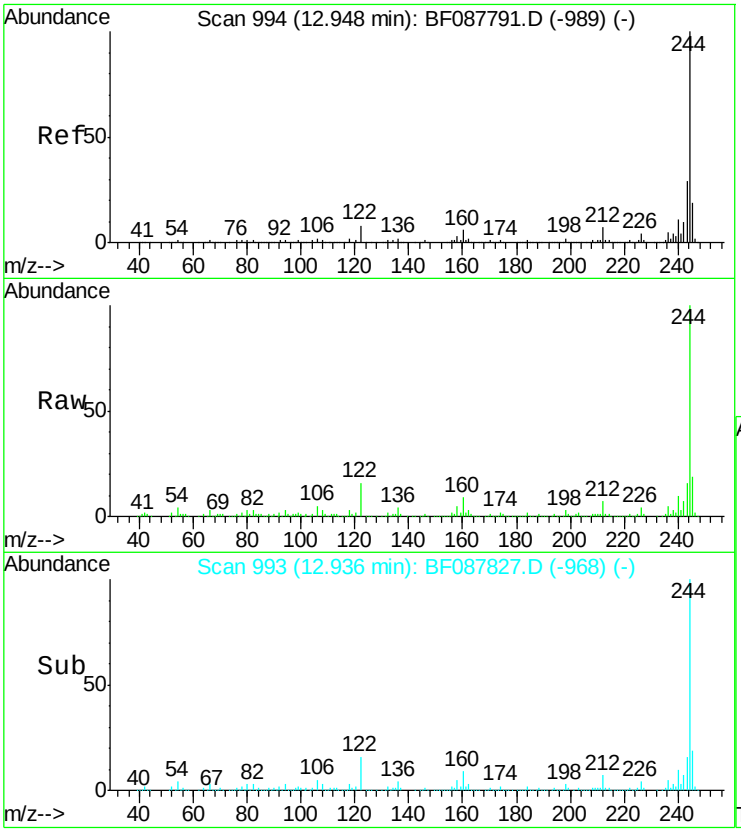


#77
Pyrene
Concen: 17.83 ng
RT: 12.79 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Tgt Ion:202 Resp: 266454

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	19.2	14.5	21.7



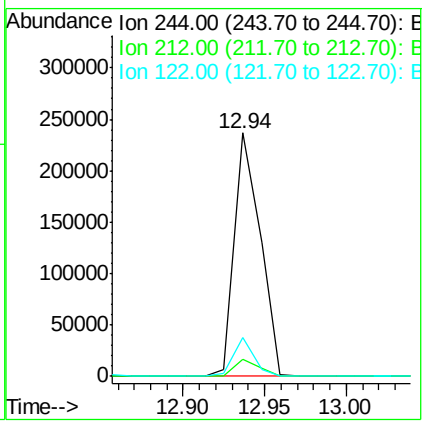


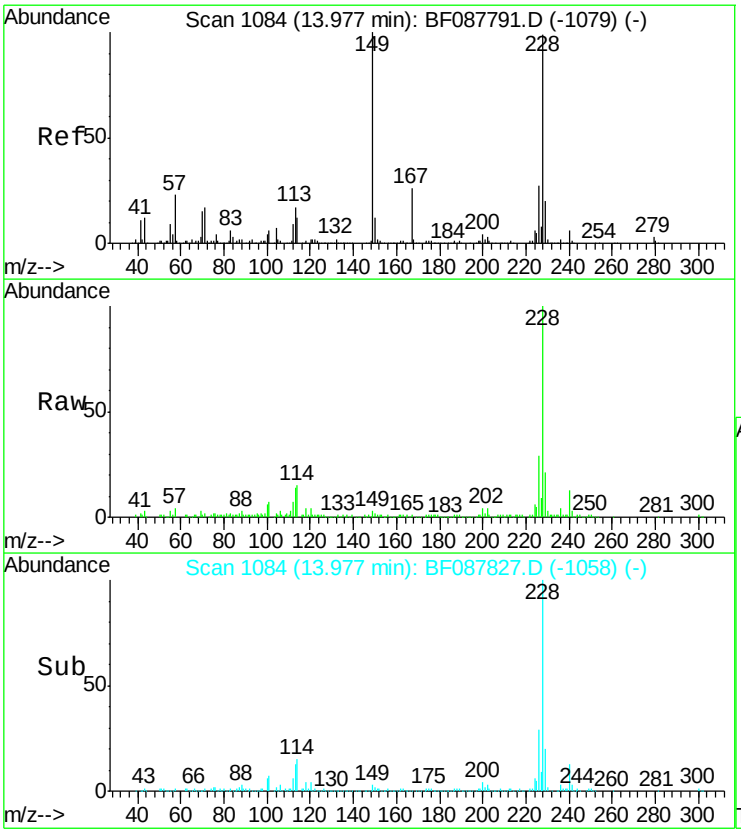
#78
Terphenyl-d14
Concen: 29.13 ng
RT: 12.94 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SS-28

Tgt Ion:244 Resp: 257756

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	16.2	11.2	16.8

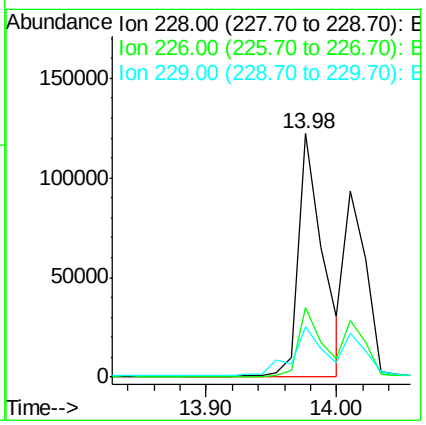


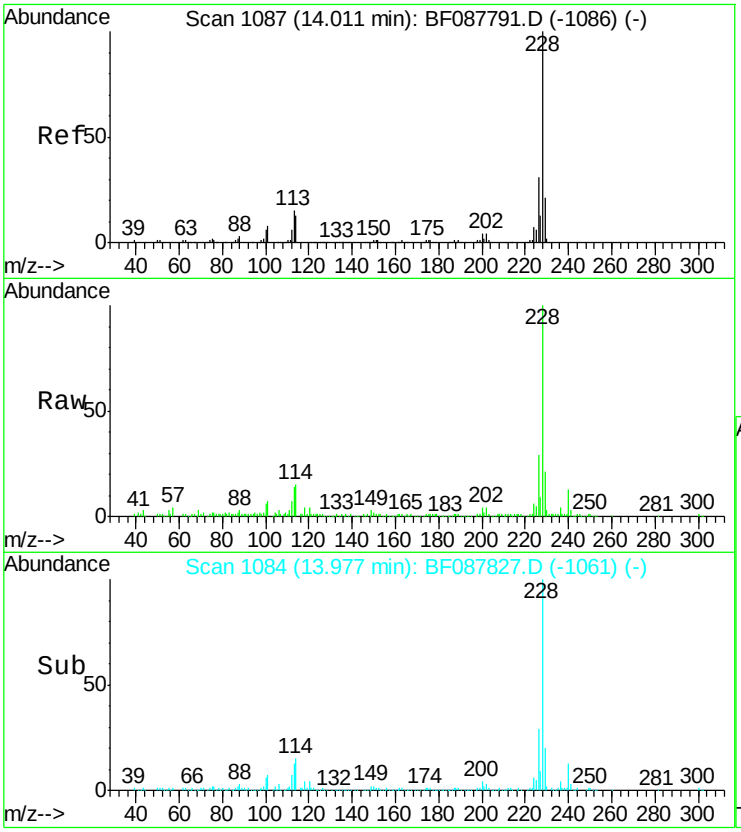


#80
Benzo(a)anthracene
Concen: 13.89 ng
RT: 13.98 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Tgt Ion:228 Resp: 159347

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.3	33.5
229	20.8	16.0	24.0



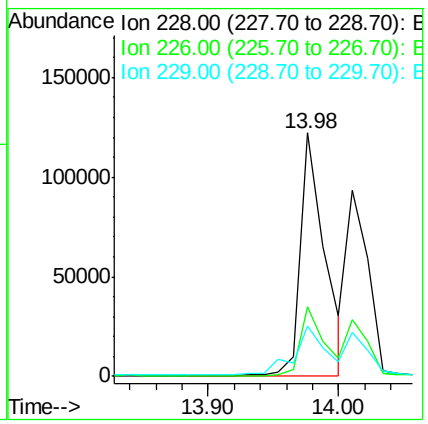


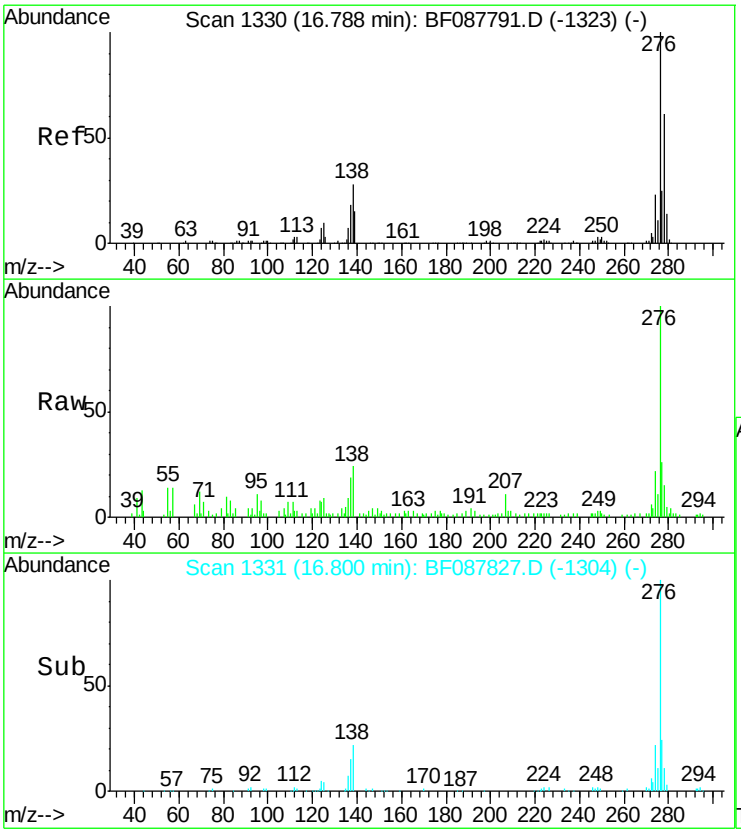
#82
Chrysene
Concen: 14.76 ng
RT: 13.98 min Scan# 1084
Delta R.T. -0.03 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SS-28

Tgt Ion:228 Resp: 159347

Ion	Ratio	Lower	Upper
228	100		
226	28.7	25.4	38.2
229	20.8	16.3	24.5

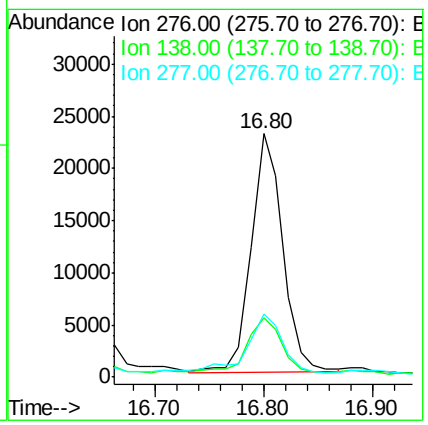


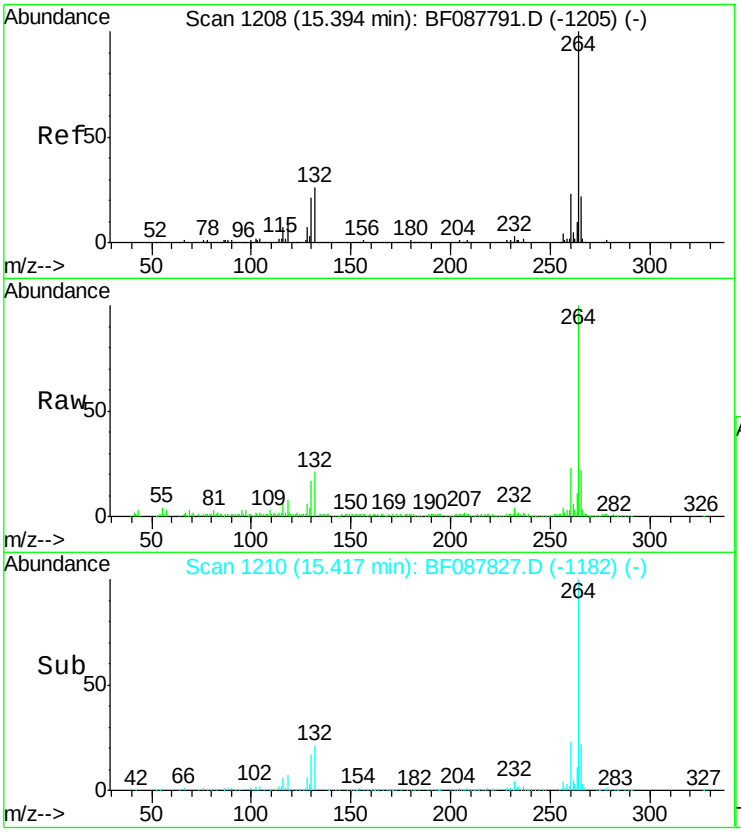


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.61 ng
RT: 16.80 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Tgt Ion:276 Resp: 46284

Ion	Ratio	Lower	Upper
276	100		
138	25.7	0.0	0.0#
277	28.2	0.0	0.0#



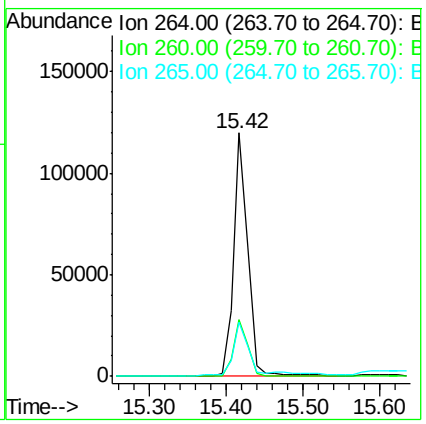


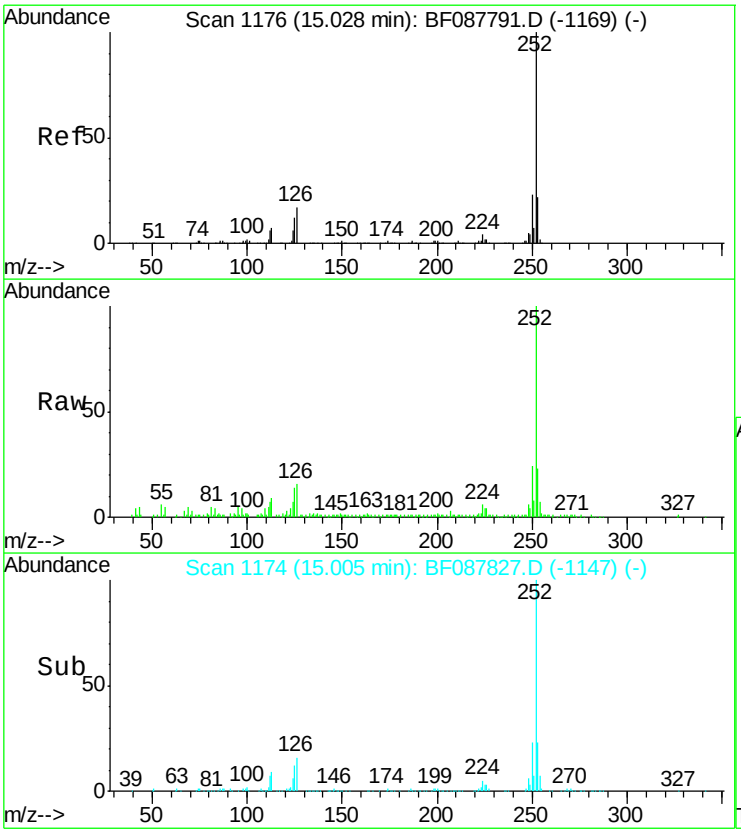
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1210
Delta R.T. 0.02 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SS-28

Tgt Ion:264 Resp: 157483

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.1	16.9	25.3

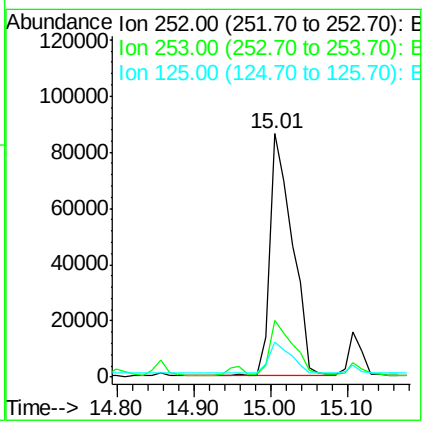


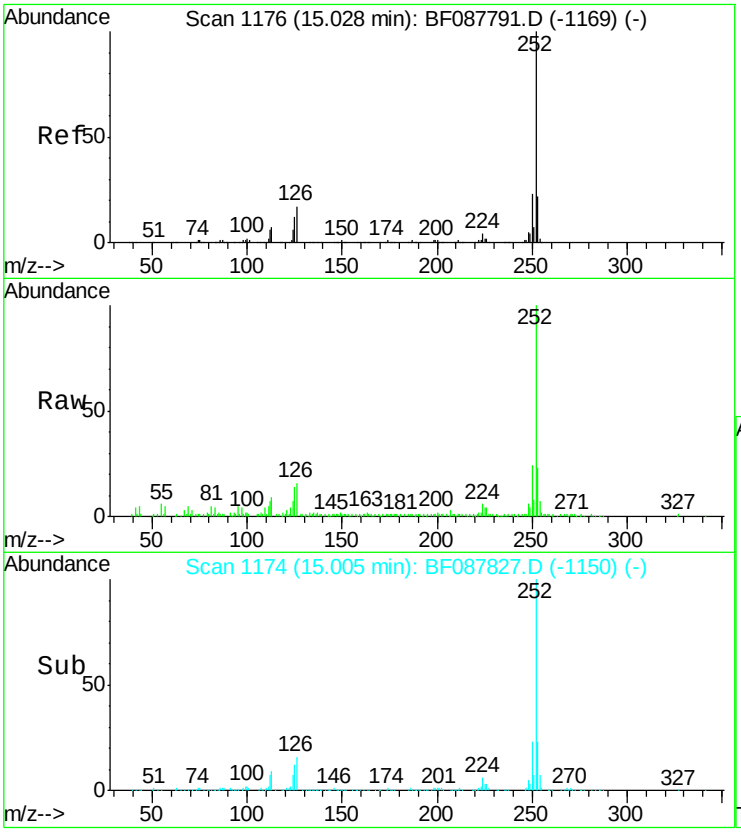


#87
Benzo(b)fluoranthene
Concen: 16.00 ng
RT: 15.01 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Tgt Ion:252 Resp: 175655

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	14.2	7.1	10.7#



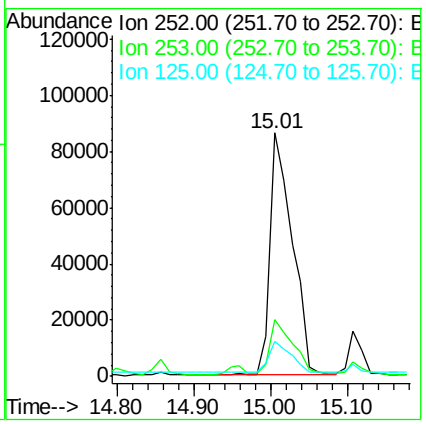


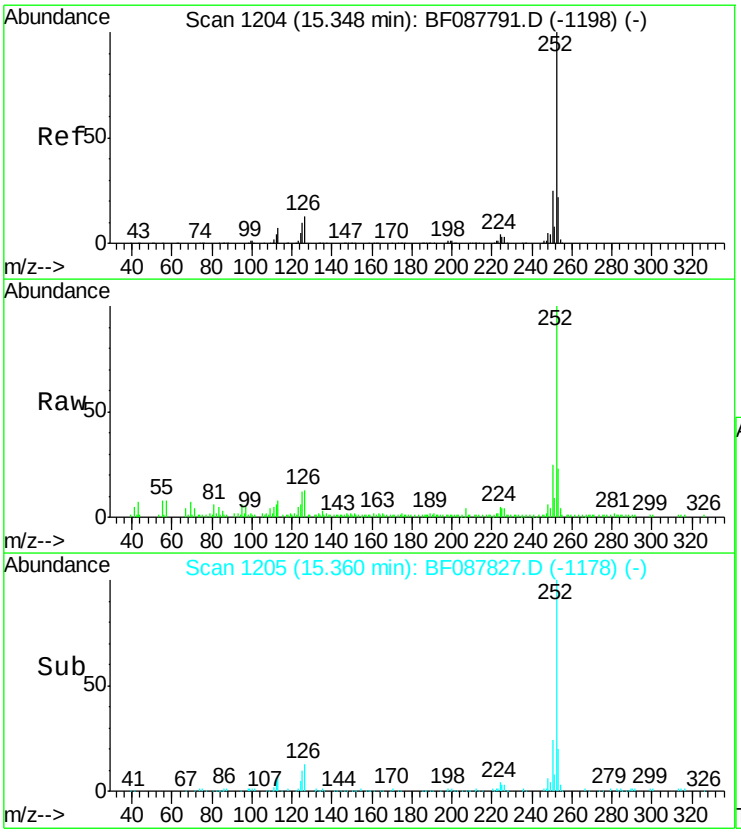
#88
Benzo(k)fluoranthene
Concen: 21.21 ng
RT: 15.01 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SS-28

Tgt Ion:252 Resp: 175655

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	14.2	11.2	16.8

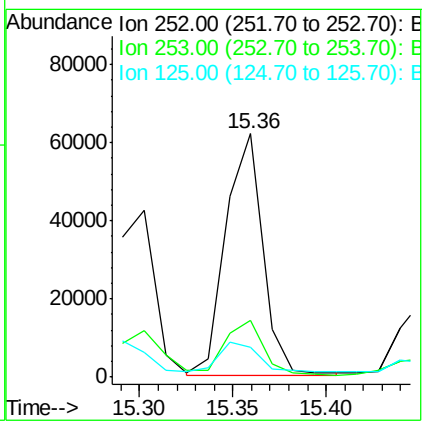


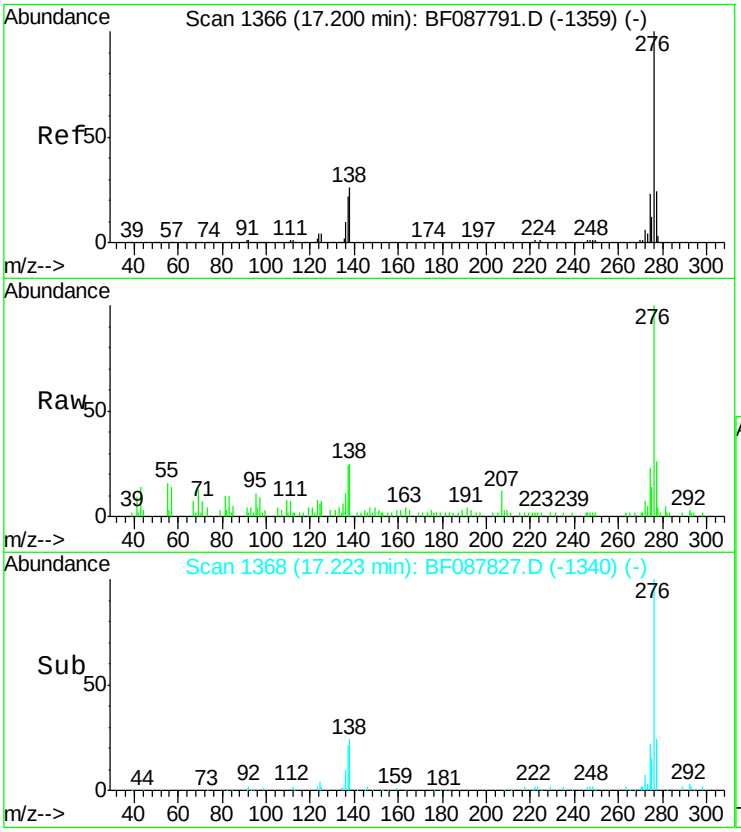


#89
Benzo(a)pyrene
Concen: 9.73 ng
RT: 15.36 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Tgt Ion:252 Resp: 86365

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	12.2	12.5	18.7#





#91
Benzo(g,h,i)perylene
Concen: 5.33 ng
RT: 17.22 min Scan# 1368
Delta R.T. 0.02 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SS-28

Tgt Ion:276 Resp: 45202

Ion	Ratio	Lower	Upper
276	100		
277	26.2	18.9	28.3
138	25.4	21.4	32.2