Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086805.D
Acq On : 8 May 2016 6:13
Operator : UM/SJ
Sample : H2729-15
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-TD-B3(5-9)-CRE

Quant Time: May 09 00:55:53 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	209439	40.00	ng		-0.03
21) Naphthalene-d8	7.98	136	821086	40.00	ng		-0.05
38) Acenaphthene-d10	9.73	164	362304	40.00	ng		-0.05
63) Phenanthrene-d10	11.22	188	644743	40.00	ng		-0.03
75) Chrysene-d12	13.85	240	352325	40.00	ng		-0.03
86) Perylene-d12	15.23	264	366239	40.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1230666	97.28	ng		-0.01
7) Phenol-d6	6.37	99	1880789	110.36	ng		0.00
23) Nitrobenzene-d5	7.28	82	1168056	73.10	ng		-0.03
41) 2,4,6-Tribromophenol	10.53	330	420069	118.52	ng		-0.03
44) 2-Fluorobiphenyl	9.07	172	1755976	79.45	ng		-0.03
78) Terphenyl-d14	12.81	244	1294155	74.24	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	168274	14.45	ng	#	73
25) Isophorone	7.28	82	1134400	38.12	ng	#	68
48) Acenaphthylene	9.60	152	170145	5.01	ng		98
49) Dimethylphthalate	9.47	163	189000	7.00	ng		98
55) 4-Nitrophenol	9.94	139	7856	2.04	ng	#	21
64) 4,6-Dinitro-2-methylphenol	10.53	198	1050	5.58	ng	#	1
66) 4-Bromophenyl-phenylether	10.53	248	24698	3.85	ng	#	1
70) Phenanthrene	11.24	178	665531	19.22	ng		100
71) Anthracene	11.29	178	216593	5.97	ng		98
74) Fluoranthene	12.43	202	1766960	50.91	ng		98
76) Benzidine	12.48	184	727	7.16	ng	#	1
77) Pyrene	12.66	202	1948438	69.37	ng		98
80) Benzo(a)anthracene	13.84	228	1000651	50.22	ng		95
82) Chrysene	13.84	228	1000651	47.07	ng		97
85) Indeno(1,2,3-cd)pyrene	16.53	276	554717	30.41	ng	#	89
87) Benzo(b)fluoranthene	14.85	252	1439189	65.40	ng		97
88) Benzo(k)fluoranthene	14.85	252	1439189	69.41	ng		98
89) Benzo(a)pyrene	14.95	252	186473	9.20	ng		94
90) Dibenzo(a,h)anthracene	16.73	278	93549	4.80	ng		94
91) Benzo(g,h,i)perylene	16.92	276	520833	25.48	ng		94

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

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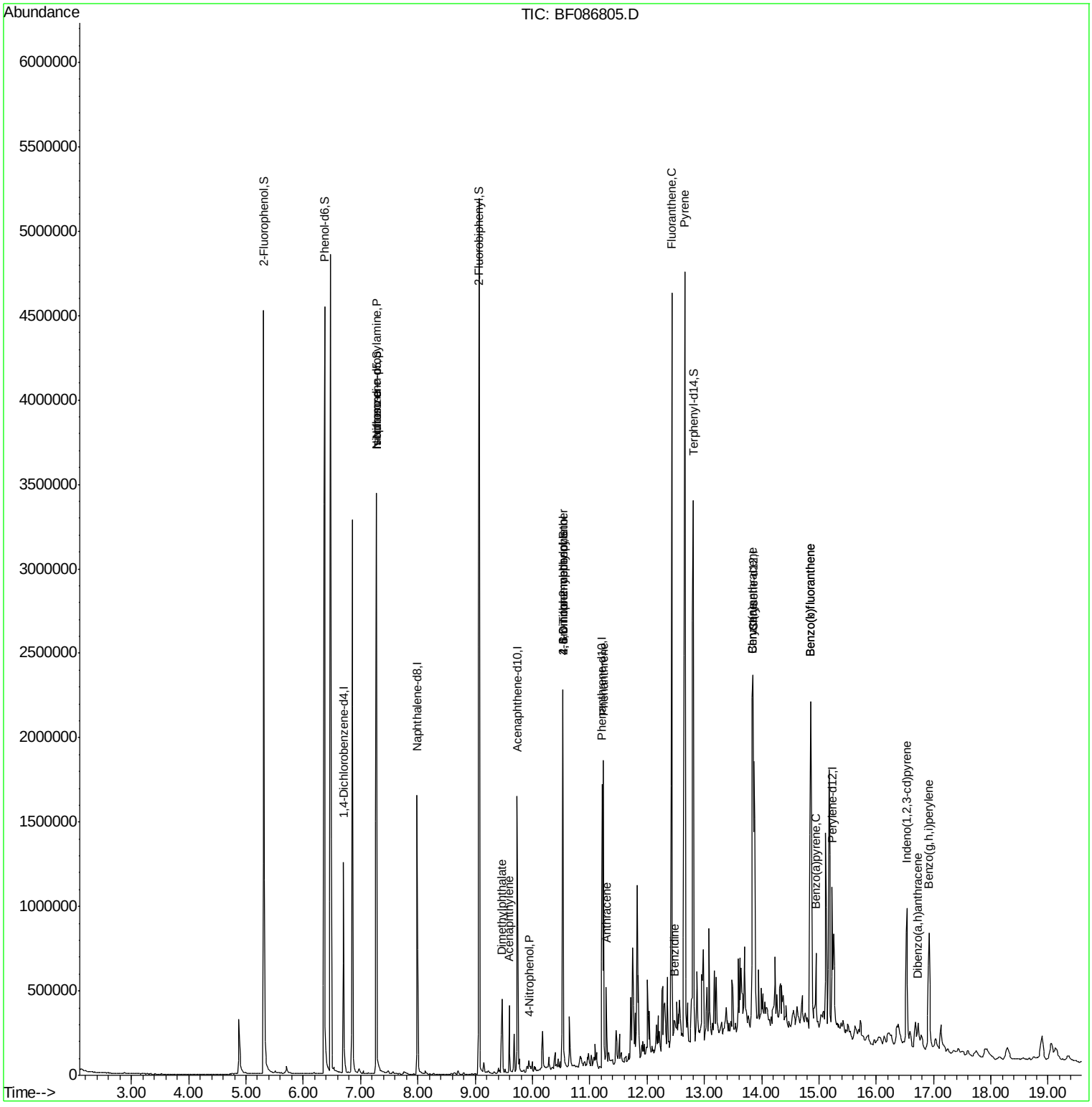
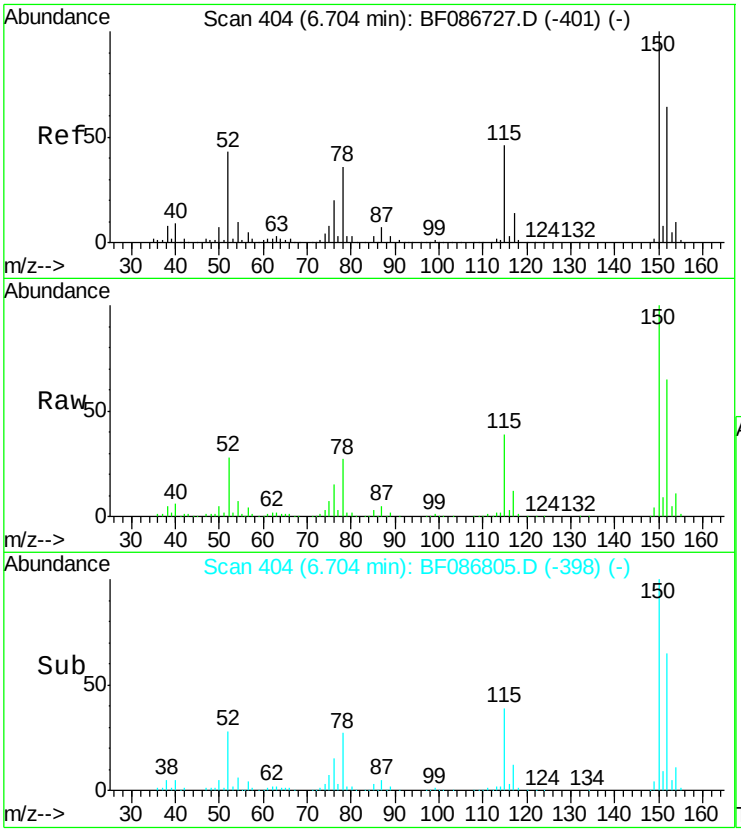


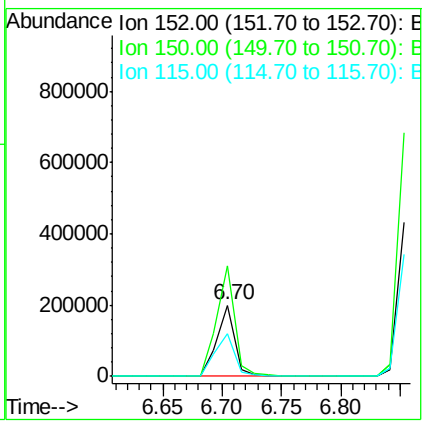


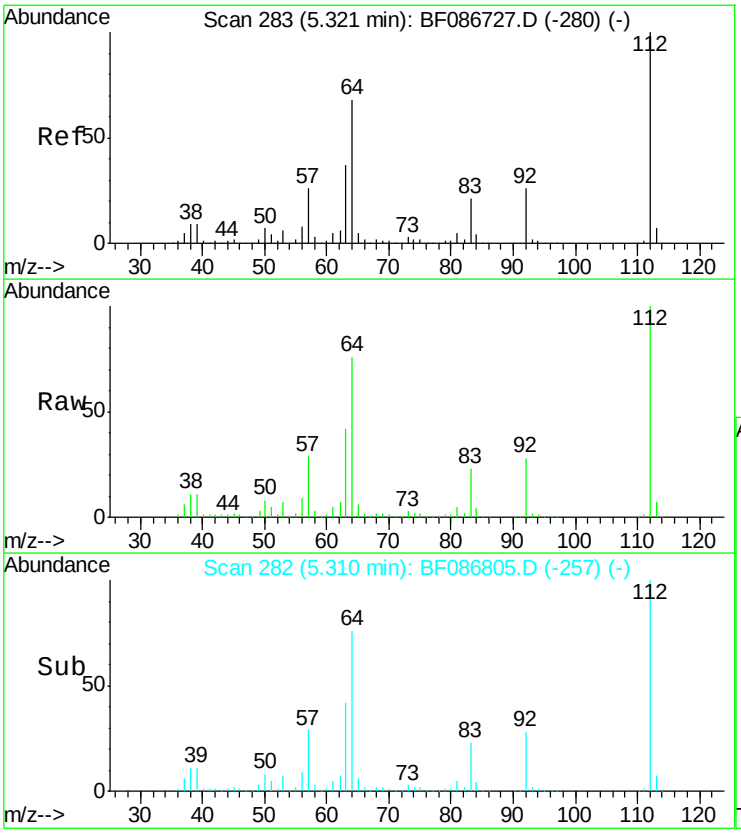
#1
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.03 min
Lab File: BF086805.D
Acq: 8 May 2016 6:13

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B3(5-9)-CRE

Tgt Ion:152 Resp: 209439

Ion	Ratio	Lower	Upper
152	100		
150	154.7	125.8	188.6
115	60.3	51.5	77.3

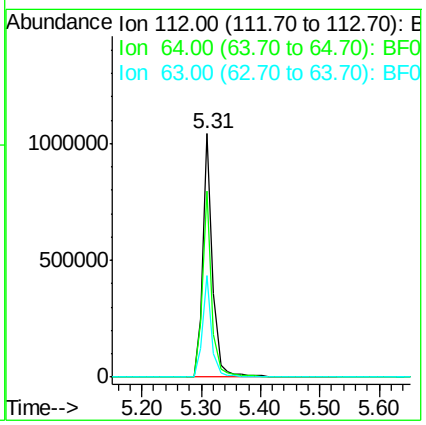


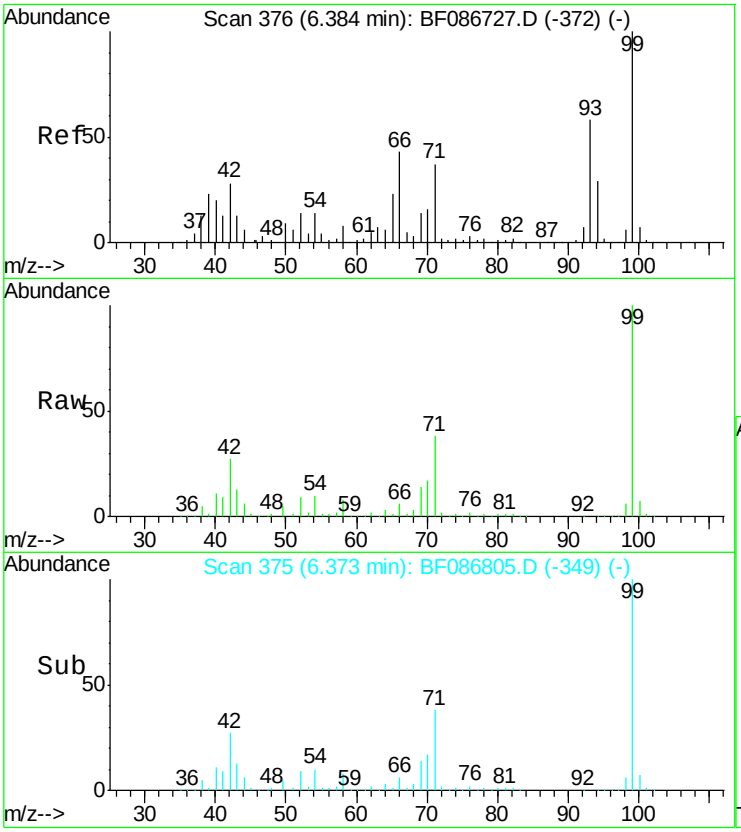


#5
2-Fluorophenol
Concen: 97.28 ng
RT: 5.31 min Scan# 282
Delta R.T. -0.01 min
Lab File: BF086805.D
Acq: 8 May 2016 6:13

Tgt Ion:112 Resp: 1230666

Ion	Ratio	Lower	Upper
112	100		
64	76.4	52.1	78.1
63	41.5	25.7	38.5#



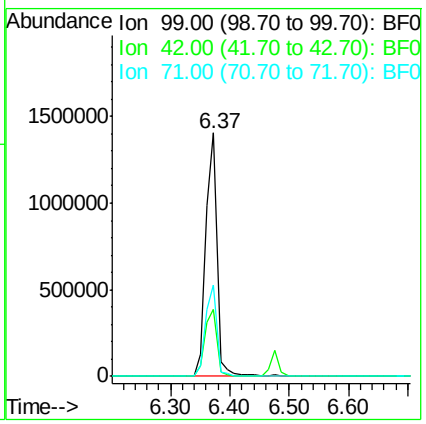


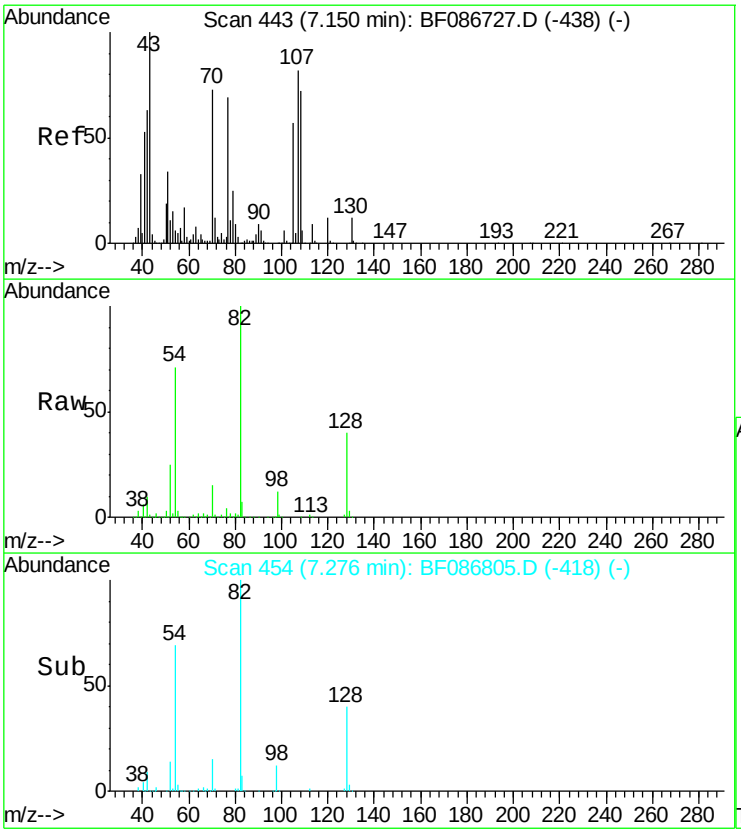
#7
Phenol-d6
Concen: 110.36 ng
RT: 6.37 min Scan# 375
Delta R.T. 0.00 min
Lab File: BF086805.D
Acq: 8 May 2016 6:13

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B3(5-9)-CRE

Tgt Ion: 99 Resp: 1880789

Ion	Ratio	Lower	Upper
99	100		
42	27.4	13.6	20.4#
71	37.5	24.6	36.8#

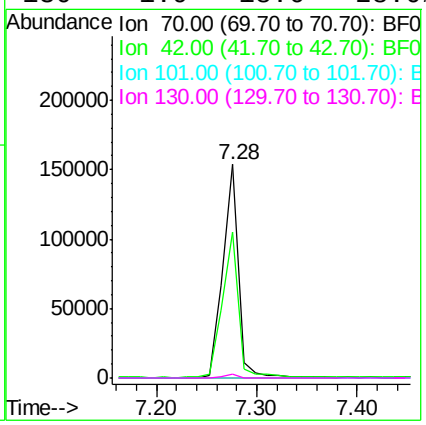


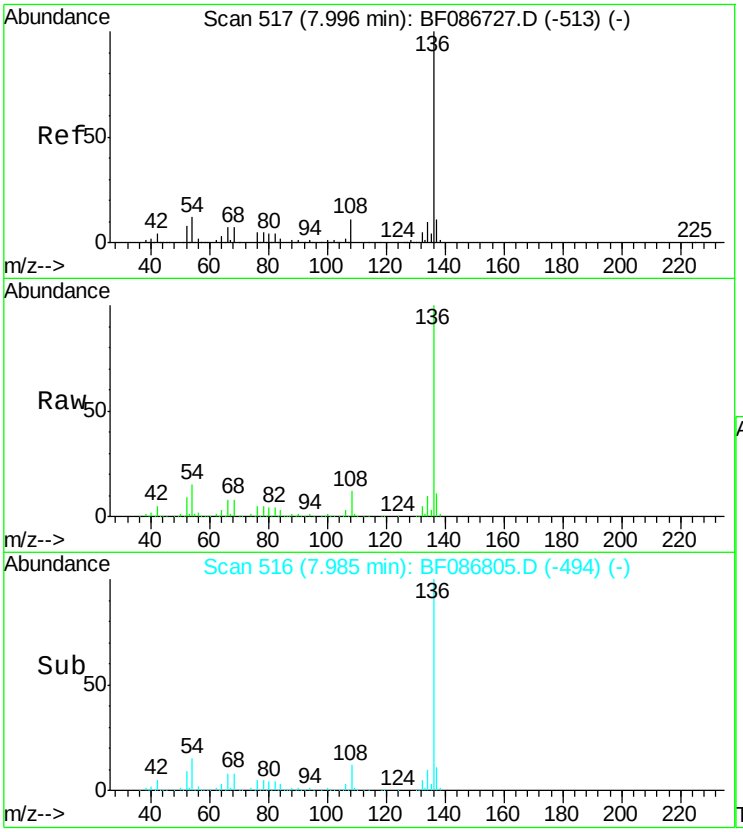


#19
n-Nitroso-di-n-propylamine
Concen: 14.45 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.11 min
Lab File: BF086805.D
Acq: 8 May 2016 6:13

Tgt Ion: 70 Resp: 168274

Ion	Ratio	Lower	Upper
70	100		
42	68.4	43.1	64.7#
101	0.0	8.1	12.1#
130	1.9	18.6	28.0#



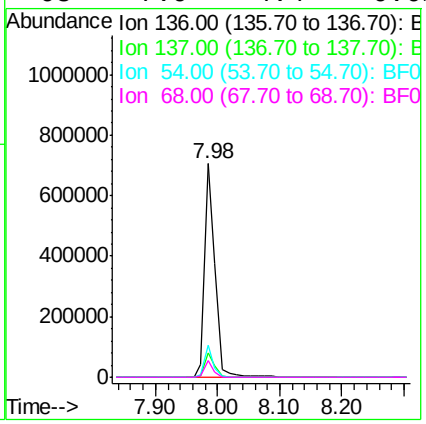


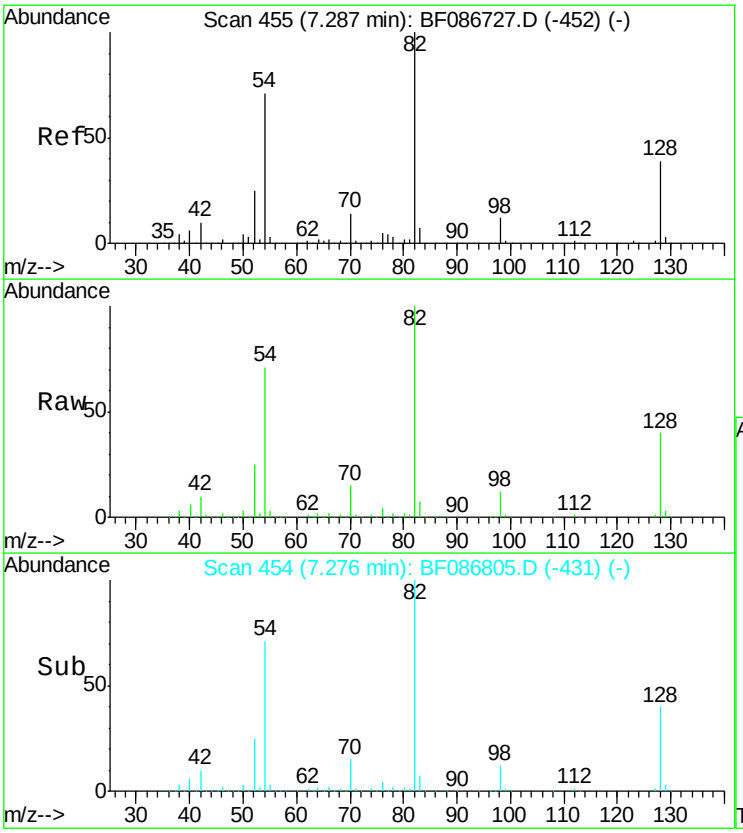
#21
Naphthalene-d8
Concen: 40.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.05 min
Lab File: BF086805.D
Acq: 8 May 2016 6:13

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B3(5-9)-CRE

Tgt Ion:136 Resp: 821086

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	14.7	5.0	7.4#
68	7.9	4.4	6.6#

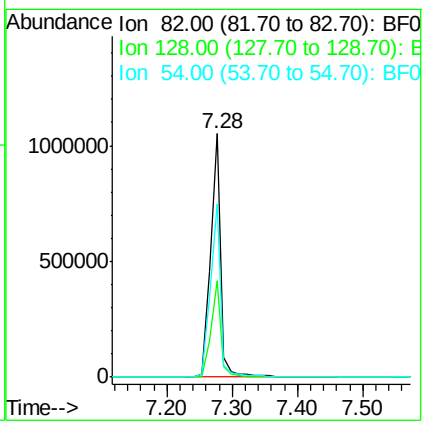


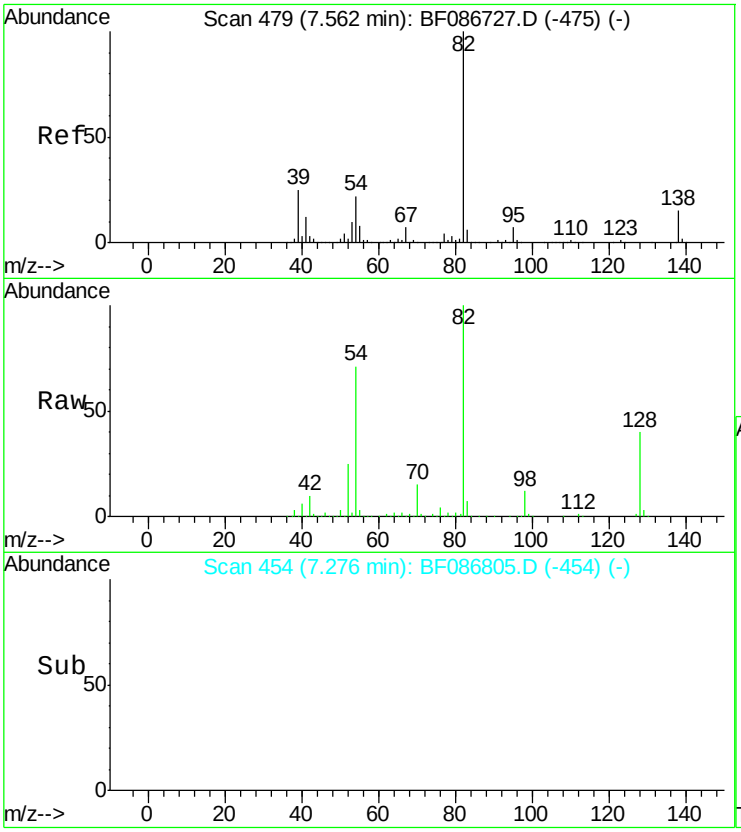


#23
Nitrobenzene-d5
Concen: 73.10 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF086805.D
Acq: 8 May 2016 6:13

Tgt Ion: 82 Resp: 1168056

Ion	Ratio	Lower	Upper
82	100		
128	39.5	40.6	61.0#
54	71.1	38.1	57.1#



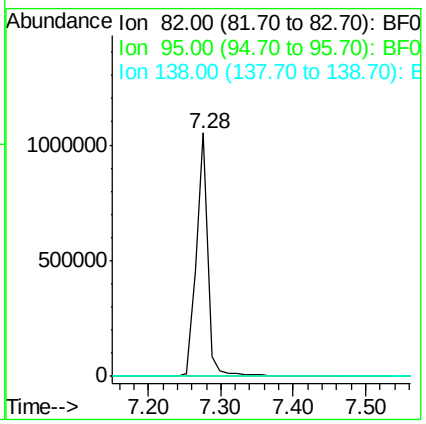


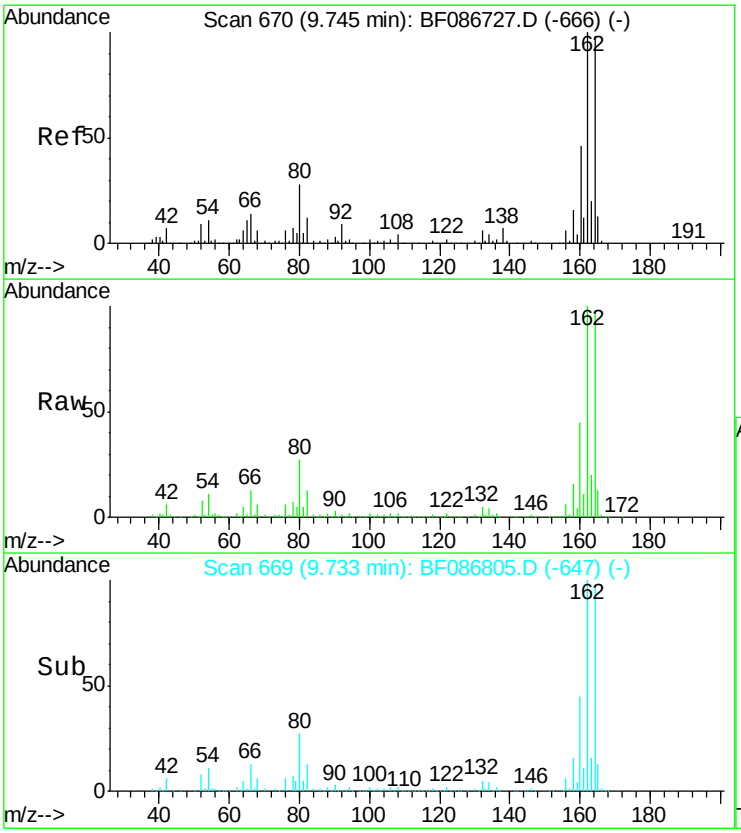
#25
Isophorone
Concen: 38.12 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.30 min
Lab File: BF086805.D
Acq: 8 May 2016 6:13

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B3(5-9)-CRE

Tgt Ion: 82 Resp: 1134400

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#

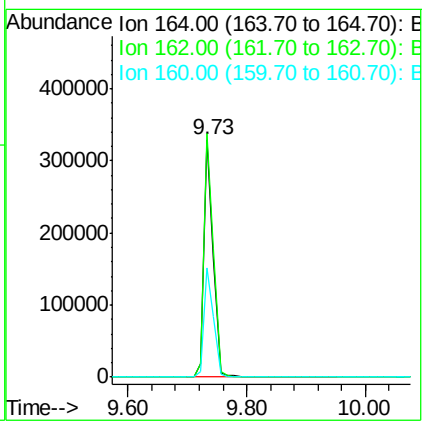


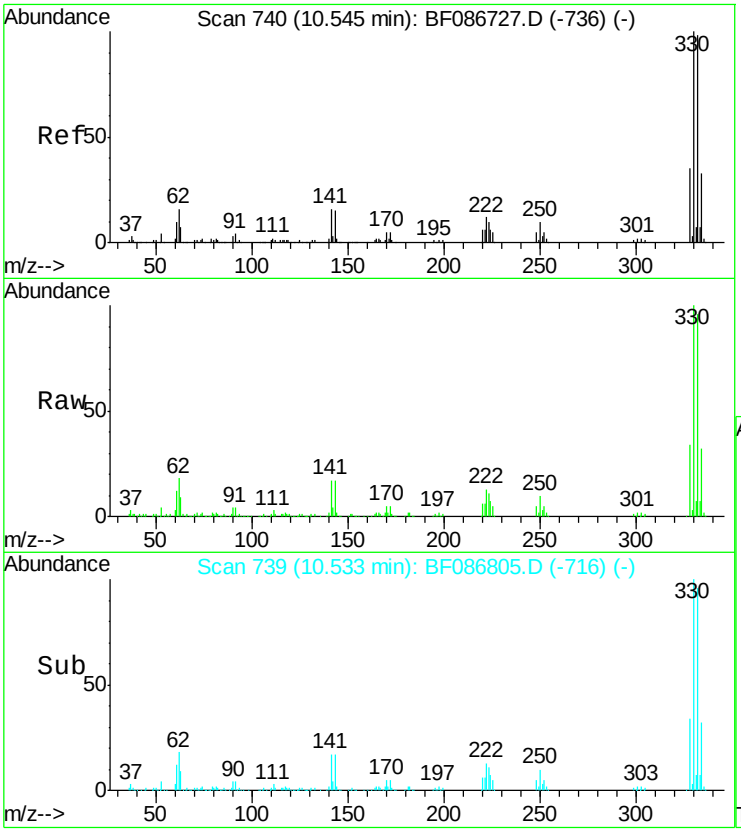


#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.05 min
Lab File: BF086805.D
Acq: 8 May 2016 6:13

Tgt Ion:164 Resp: 362304

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.8	124.2
160	45.7	36.9	55.3



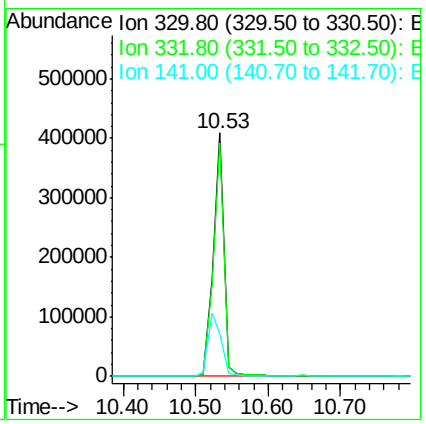


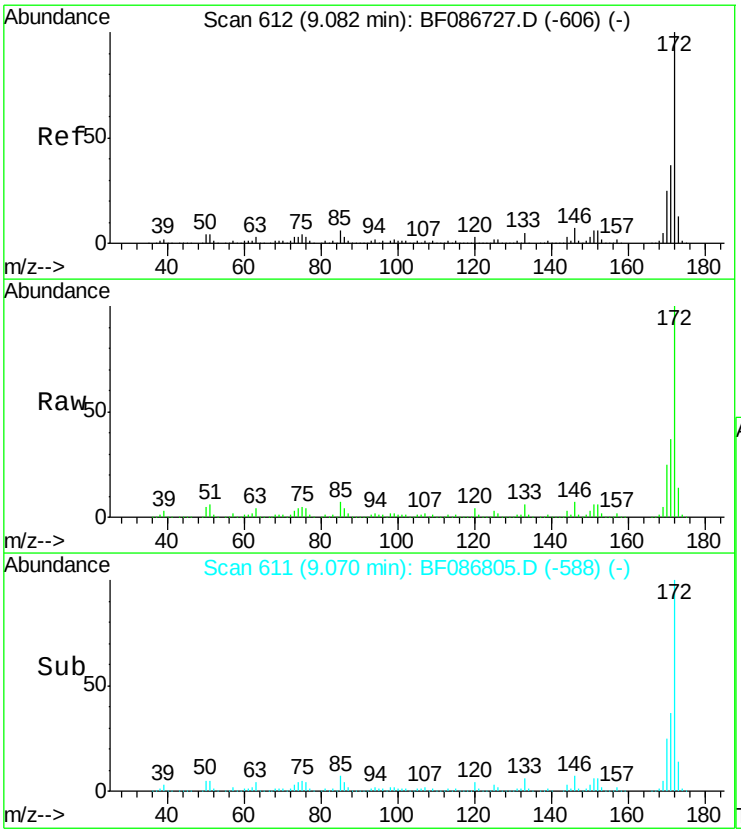
#41
2,4,6-Tribromophenol
Concen: 118.52 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.03 min
Lab File: BF086805.D
Acq: 8 May 2016 6:13

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B3(5-9)-CRE

Tgt Ion:330 Resp: 420069

Ion	Ratio	Lower	Upper
330	100		
332	96.3	79.0	118.4
141	32.6	31.2	46.8

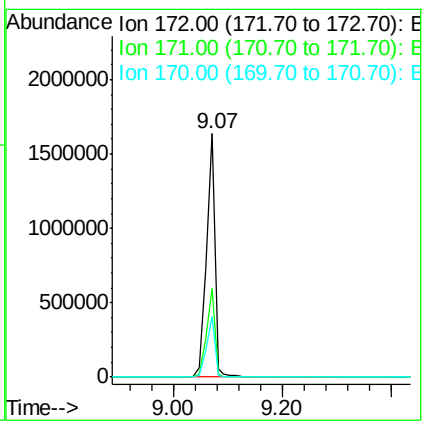


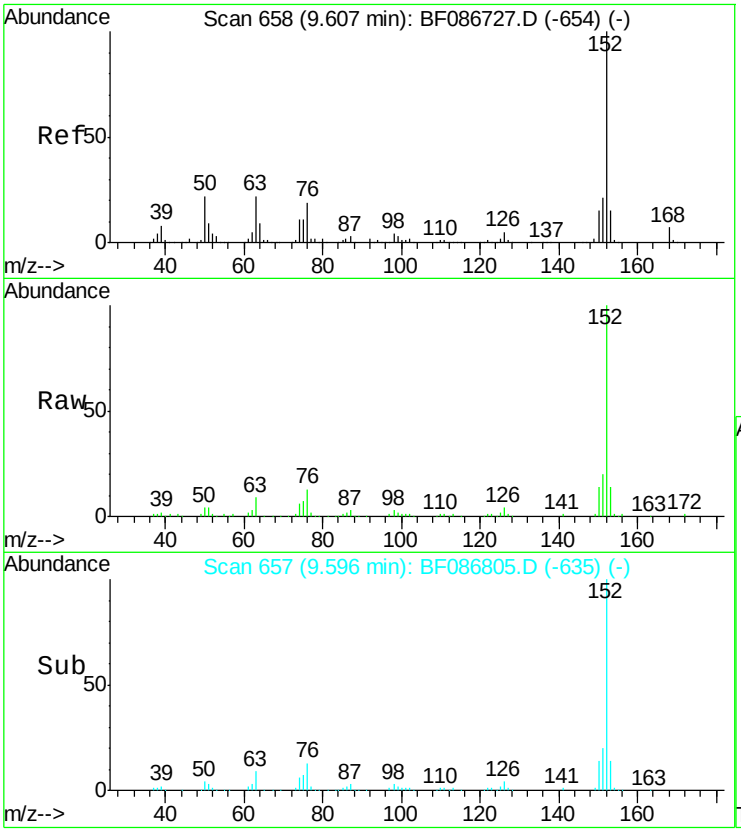


#44
2-Fluorobiphenyl
Concen: 79.45 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.03 min
Lab File: BF086805.D
Acq: 8 May 2016 6:13

Tgt Ion:172 Resp: 1755976

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	25.1	19.8	29.8



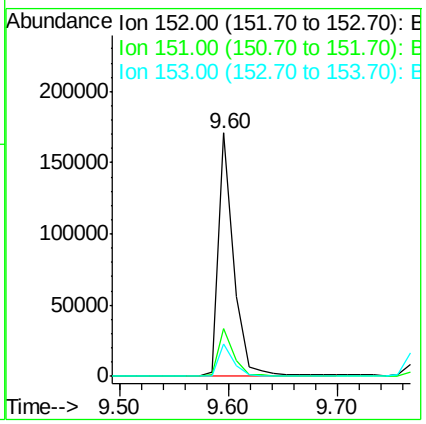


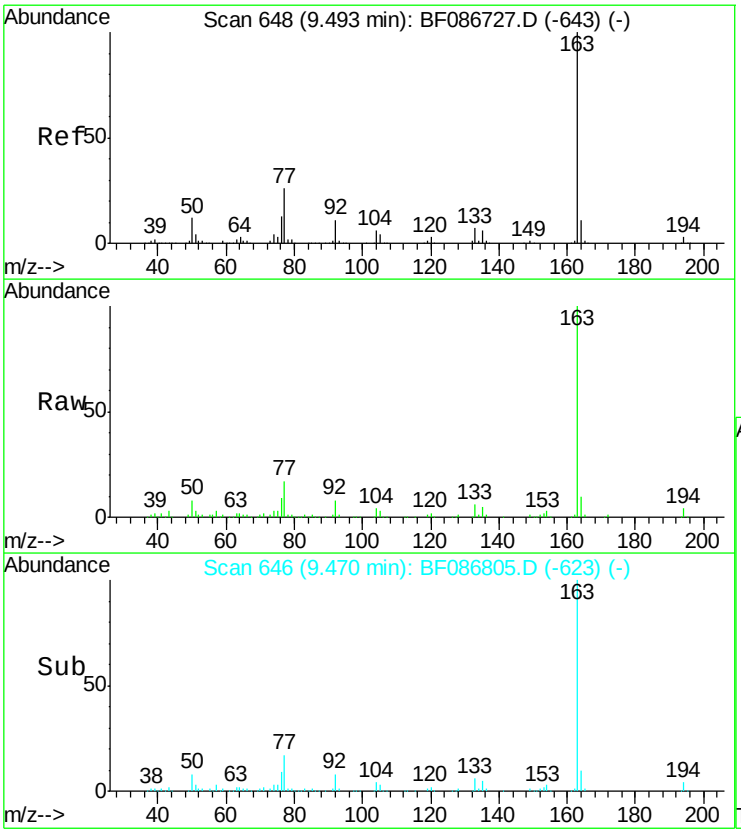
#48
Acenaphthylene
Concen: 5.01 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.05 min
Lab File: BF086805.D
Acq: 8 May 2016 6:13

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B3(5-9)-CRE

Tgt Ion:152 Resp: 170145

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.8	25.2
153	13.5	10.9	16.3

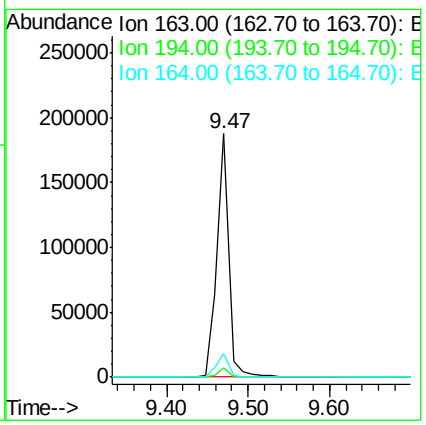


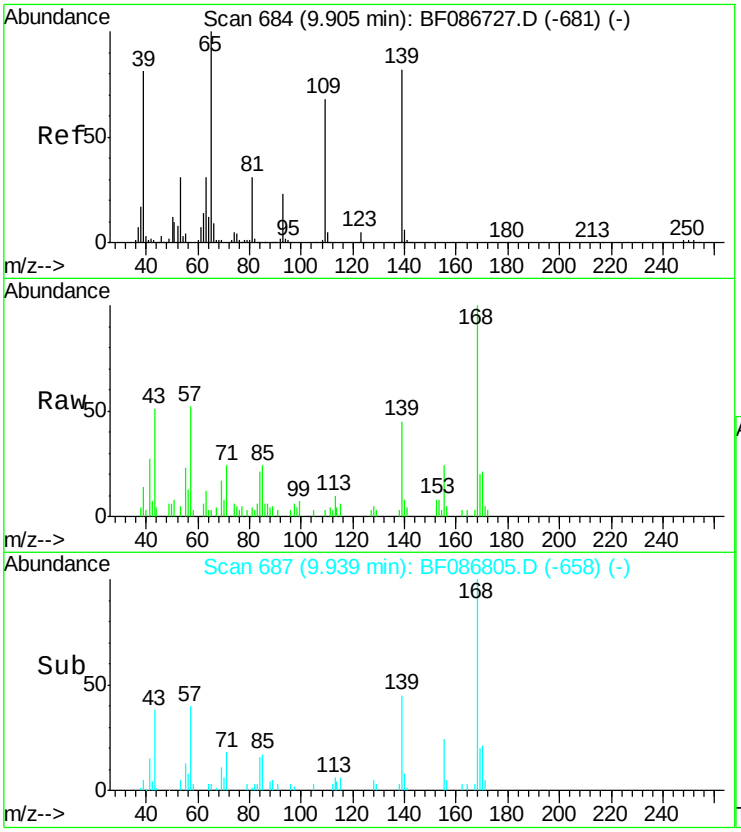


#49
Dimethylphthalate
Concen: 7.00 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.03 min
Lab File: BF086805.D
Acq: 8 May 2016 6:13

Tgt Ion:163 Resp: 189000

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.5	8.2	12.4



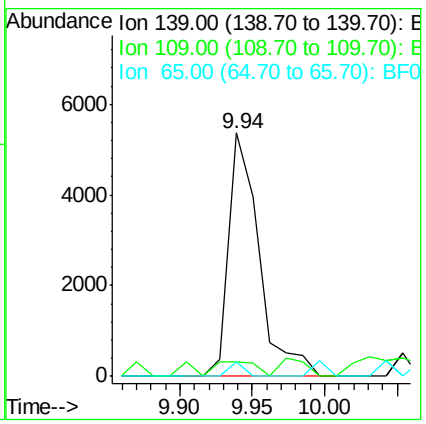


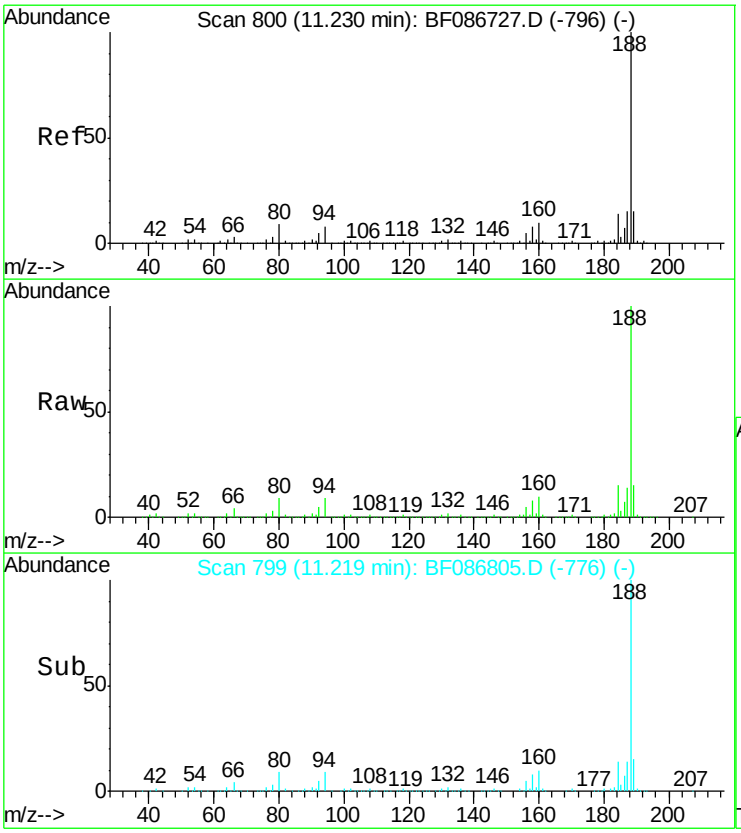
#55
4-Nitrophenol
Concen: 2.04 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.04 min
Lab File: BF086805.D
Acq: 8 May 2016 6:13

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B3(5-9)-CRE

Tgt Ion:139 Resp: 7856

Ion	Ratio	Lower	Upper
139	100		
109	5.7	36.9	76.9#
65	6.0	64.0	104.0#

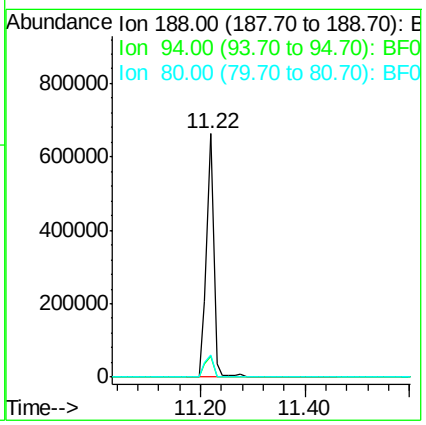


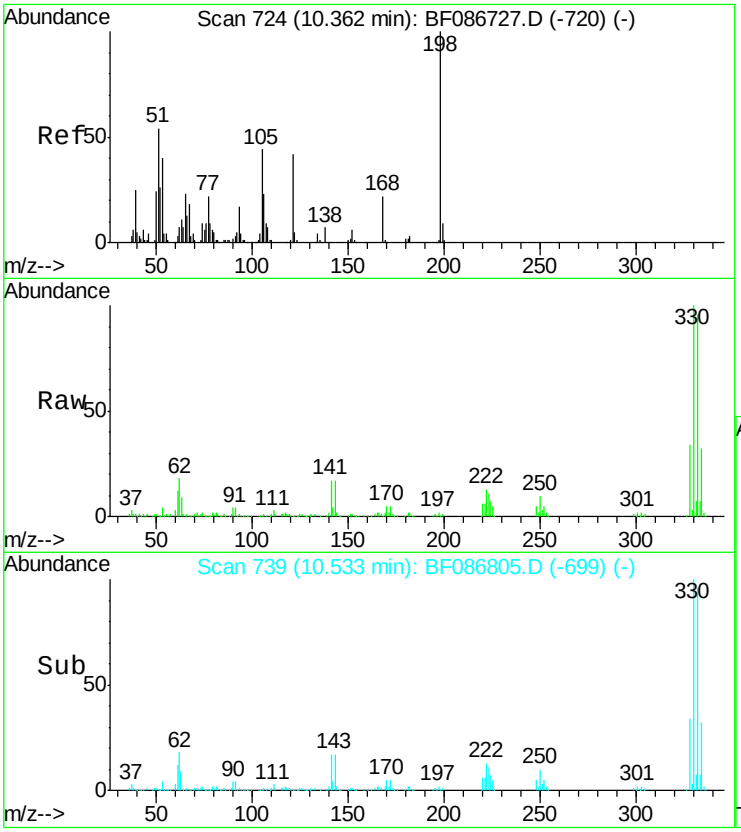


#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.03 min
Lab File: BF086805.D
Acq: 8 May 2016 6:13

Tgt Ion:188 Resp: 644743

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.8	10.2
80	9.4	7.1	10.7



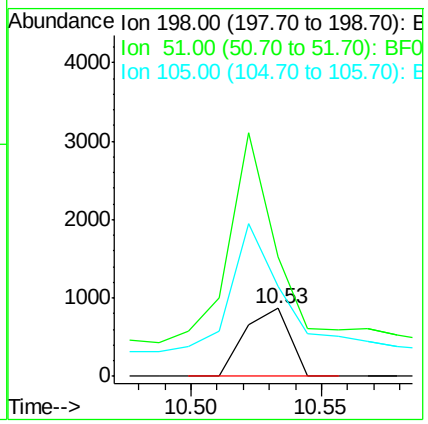


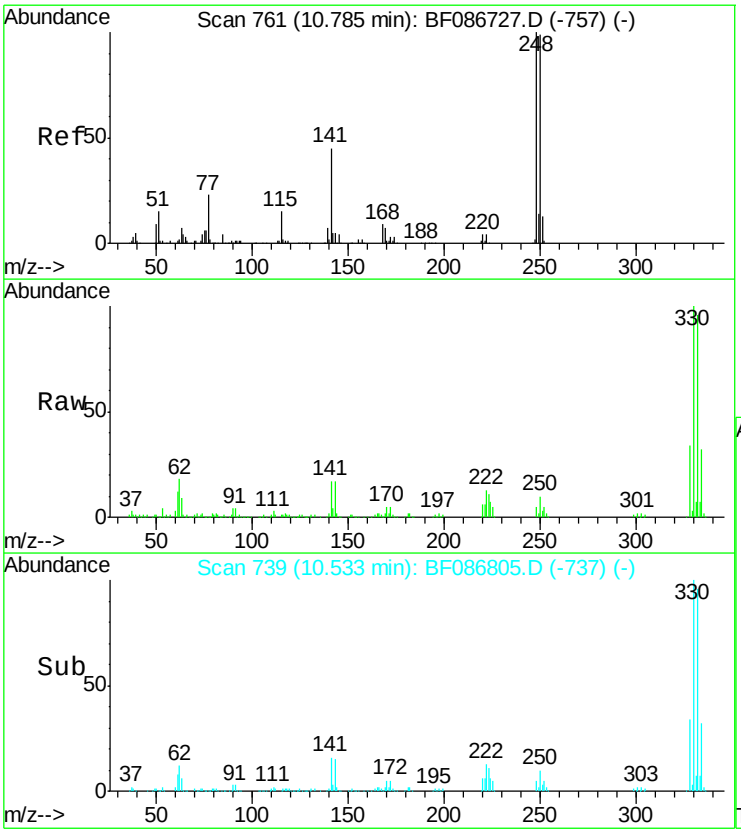
#64
4,6-Dinitro-2-methylphenol
Concen: 5.58 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.16 min
Lab File: BF086805.D
Acq: 8 May 2016 6:13

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B3(5-9)-CRE

Tgt Ion:198 Resp: 1050

Ion	Ratio	Lower	Upper
198	100		
51	175.0	20.5	60.5#
105	131.4	24.5	64.5#

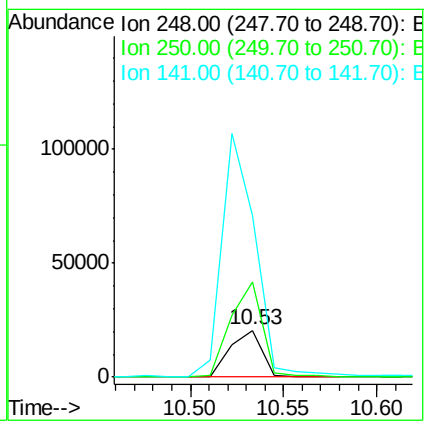


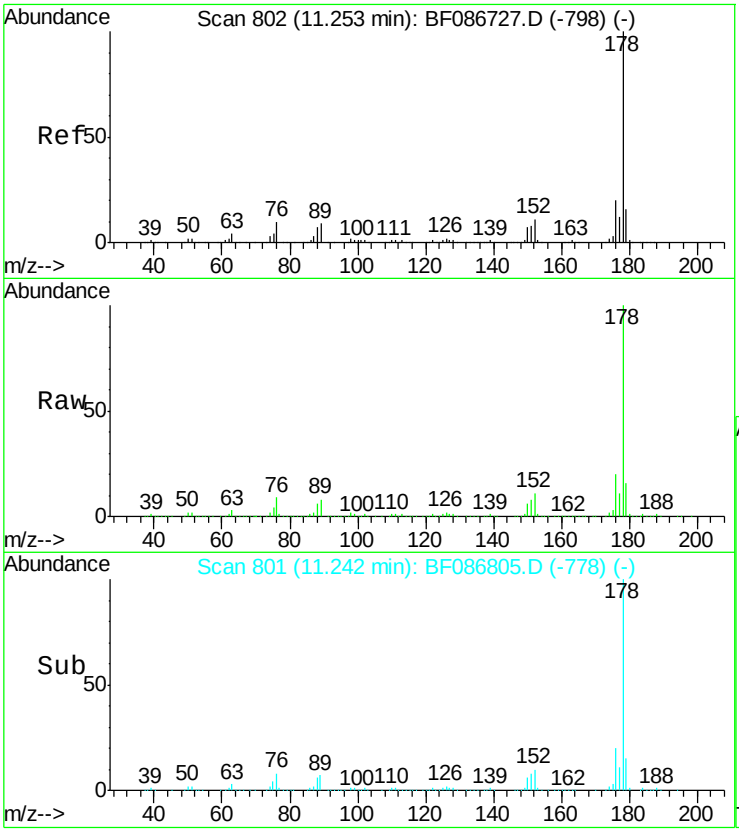


#66
4-Bromophenyl-phenylether
Concen: 3.85 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.27 min
Lab File: BF086805.D
Acq: 8 May 2016 6:13

Tgt Ion:248 Resp: 24698

Ion	Ratio	Lower	Upper
248	100		
250	203.7	78.6	117.8#
141	347.0	76.0	114.0#



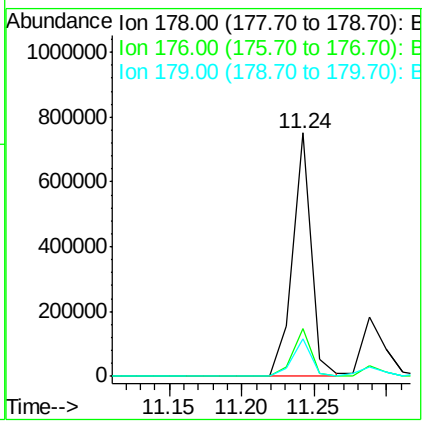


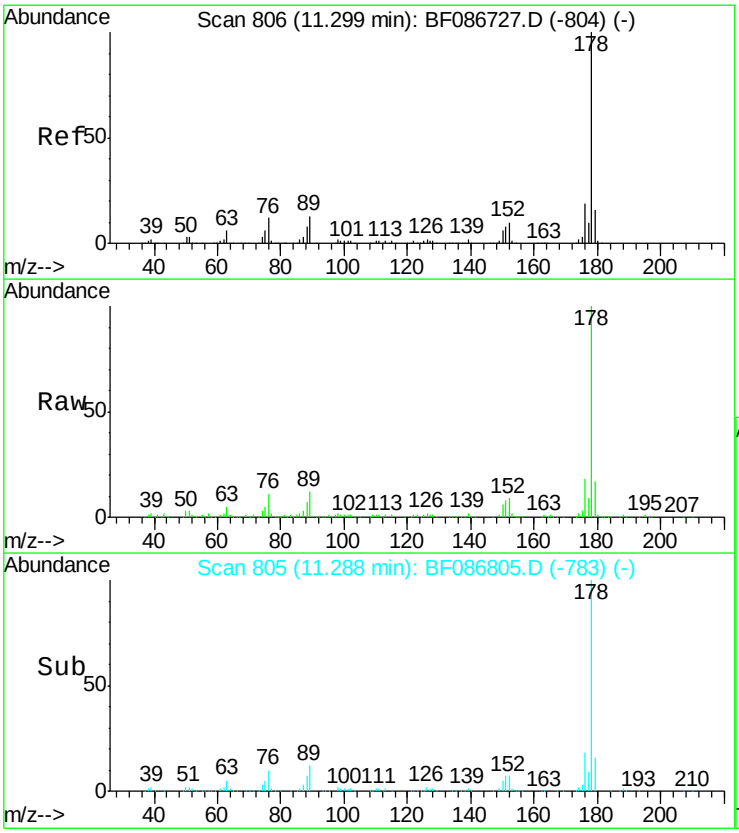
#70
Phenanthrene
Concen: 19.22 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.03 min
Lab File: BF086805.D
Acq: 8 May 2016 6:13

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B3(5-9)-CRE

Tgt Ion:178 Resp: 665531

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	15.6	12.6	18.8

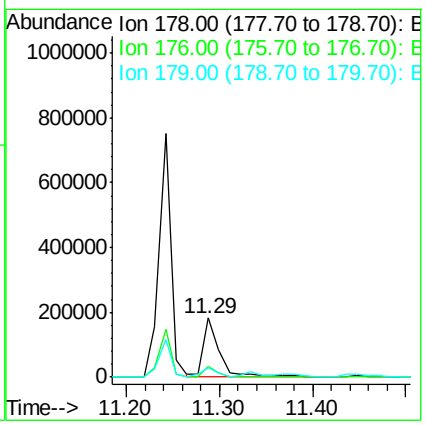


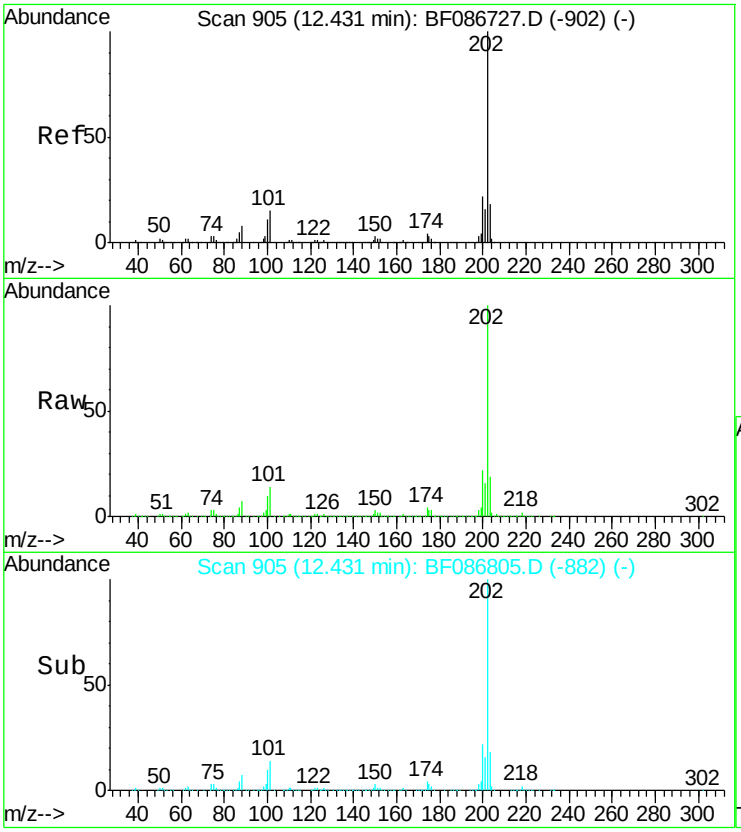


#71
Anthracene
Concen: 5.97 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.05 min
Lab File: BF086805.D
Acq: 8 May 2016 6:13

Tgt Ion:178 Resp: 216593

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.6	23.4
179	16.6	12.7	19.1



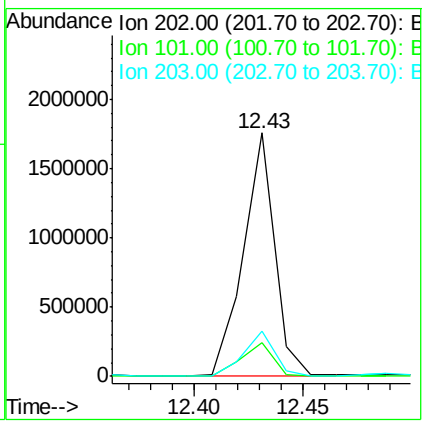


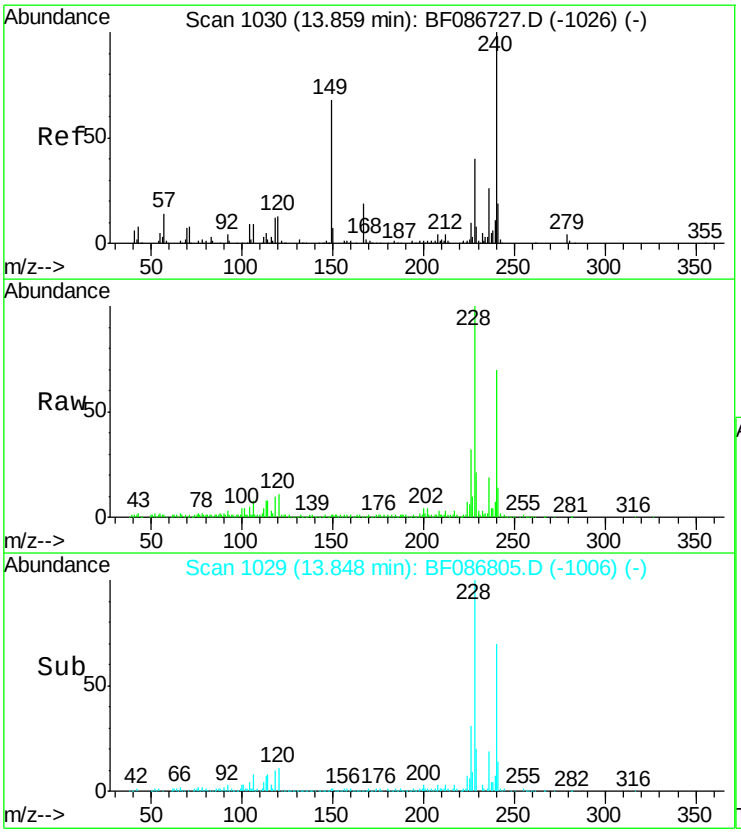
#74
Fluoranthene
Concen: 50.91 ng
RT: 12.43 min Scan# 905
Delta R.T. -0.03 min
Lab File: BF086805.D
Acq: 8 May 2016 6:13

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B3(5-9)-CRE

Tgt Ion:202 Resp: 1766960

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	35.4
203	18.6	0.0	38.1

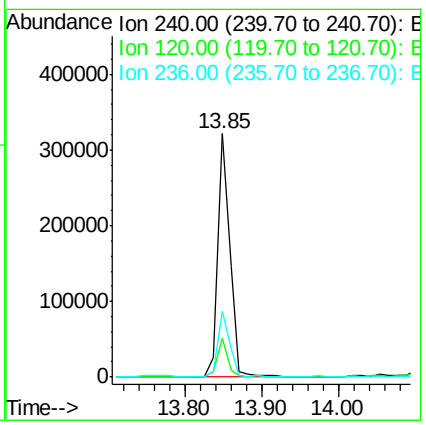


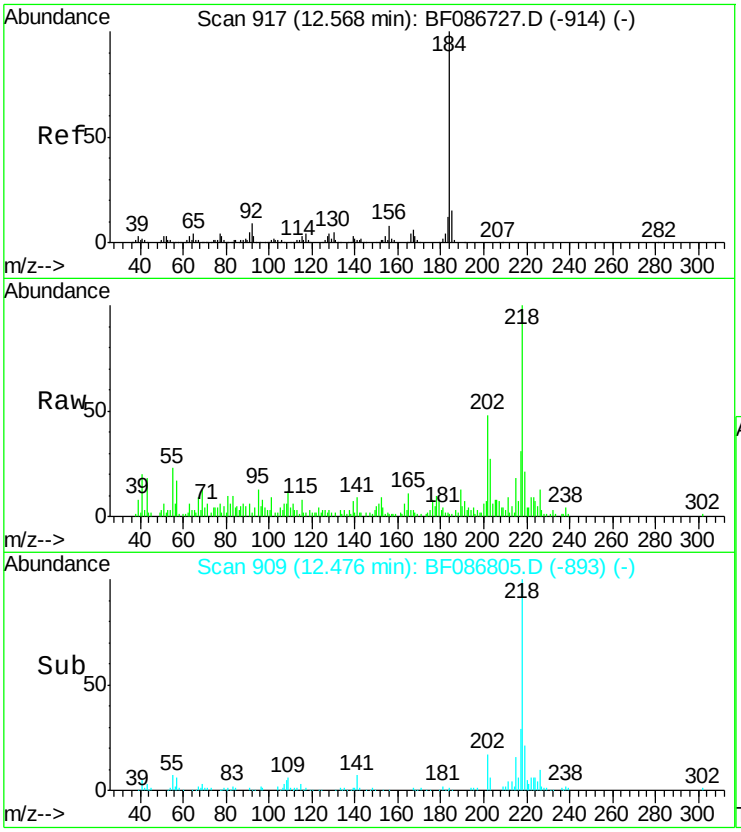


#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF086805.D
Acq: 8 May 2016 6:13

Tgt Ion:240 Resp: 352325

Ion	Ratio	Lower	Upper
240	100		
120	16.0	11.2	16.8
236	27.0	21.2	31.8



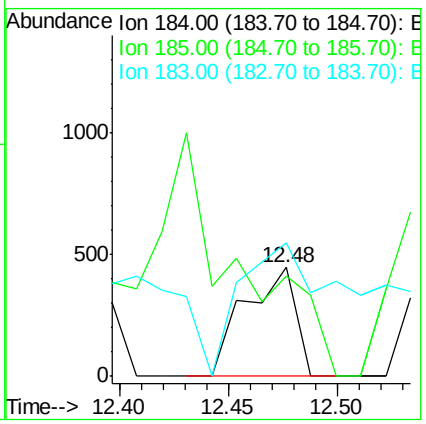


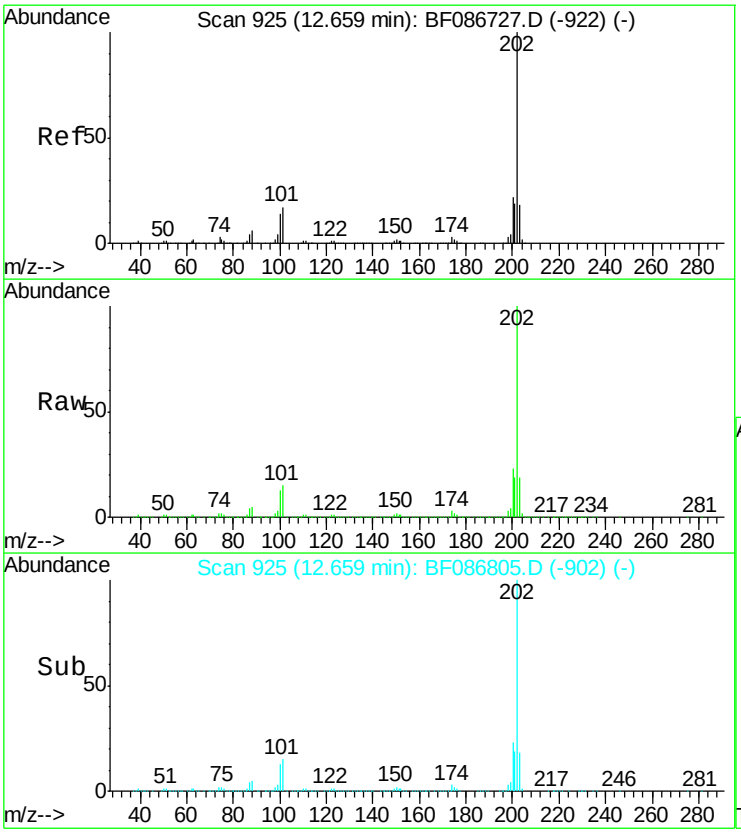
#76
Benzidine
Concen: 7.16 ng
RT: 12.48 min Scan# 909
Delta R.T. -0.11 min
Lab File: BF086805.D
Acq: 8 May 2016 6:13

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B3(5-9)-CRE

Tgt Ion:184 Resp: 727

Ion	Ratio	Lower	Upper
184	100		
185	91.7	13.6	20.4#
183	122.4	9.8	14.6#

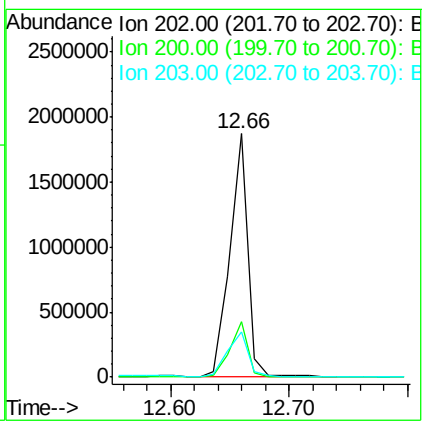


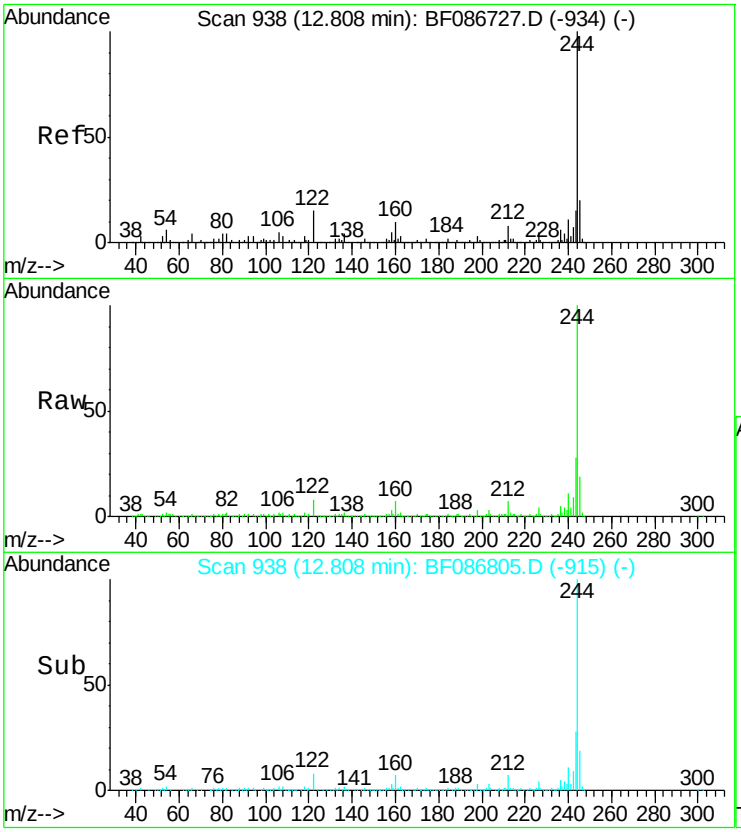


#77
Pyrene
Concen: 69.37 ng
RT: 12.66 min Scan# 925
Delta R.T. -0.03 min
Lab File: BF086805.D
Acq: 8 May 2016 6:13

Tgt Ion:202 Resp: 1948438

Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.7	26.5
203	18.5	14.2	21.4



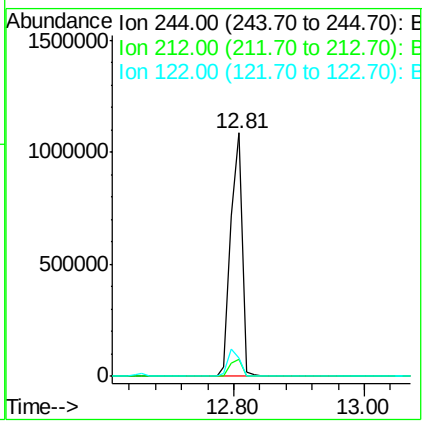


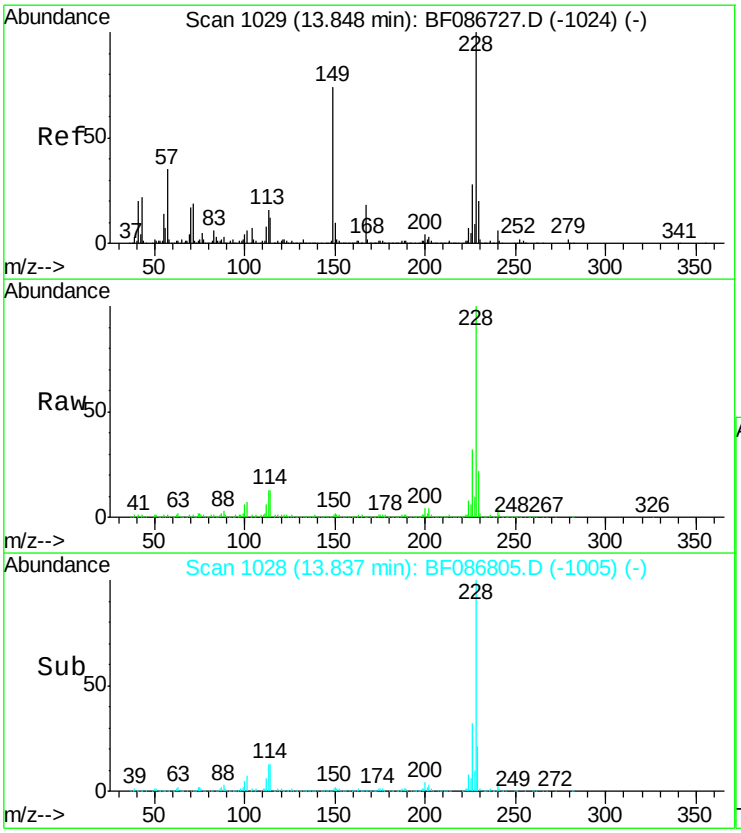
#78
Terphenyl-d14
Concen: 74.24 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.03 min
Lab File: BF086805.D
Acq: 8 May 2016 6:13

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B3(5-9)-CRE

Tgt Ion:244 Resp: 1294155

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	7.6	12.0	18.0#

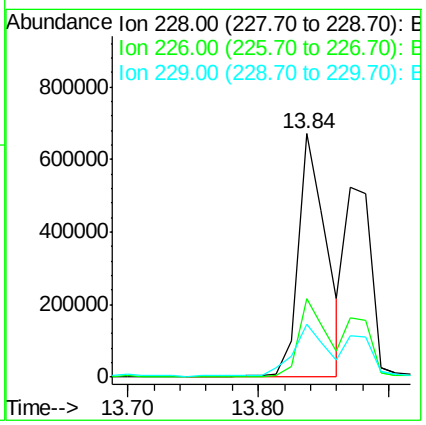


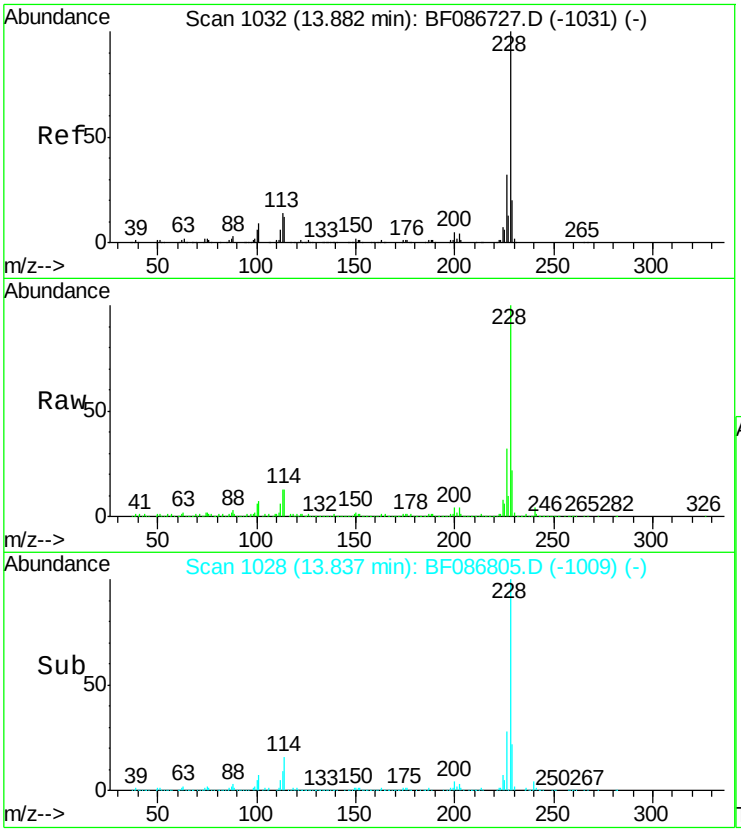


#80
Benzo(a)anthracene
Concen: 50.22 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.03 min
Lab File: BF086805.D
Acq: 8 May 2016 6:13

Tgt Ion:228 Resp: 1000651

Ion	Ratio	Lower	Upper
228	100		
226	32.2	22.5	33.7
229	21.6	16.6	25.0



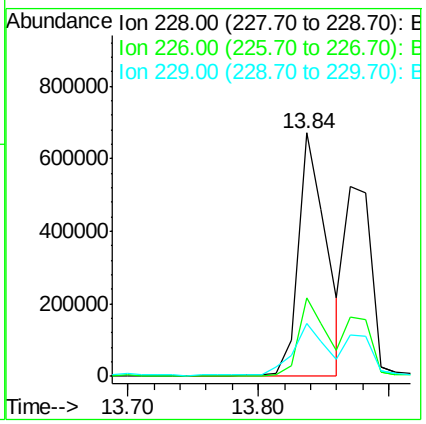


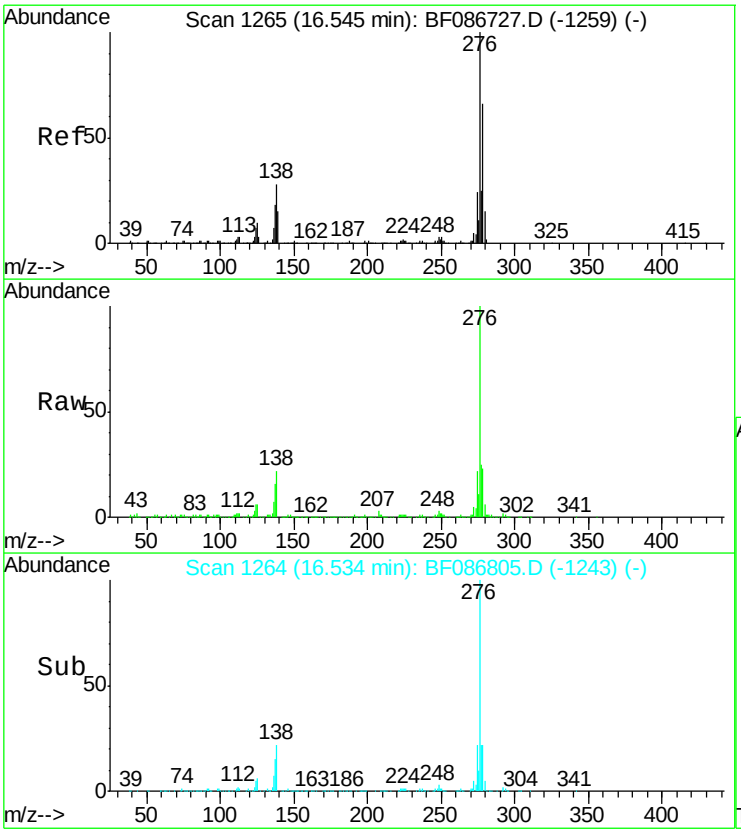
#82
Chrysene
Concen: 47.07 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.08 min
Lab File: BF086805.D
Acq: 8 May 2016 6:13

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B3(5-9)-CRE

Tgt Ion:228 Resp: 1000651

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.4	36.6
229	21.6	15.8	23.8

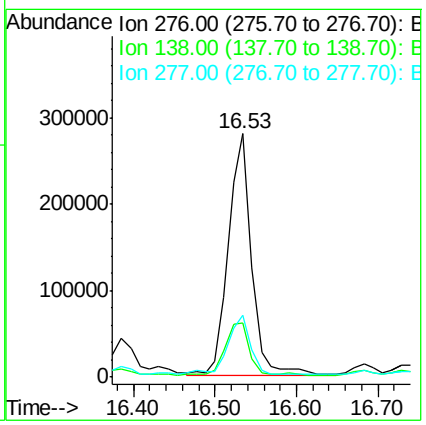


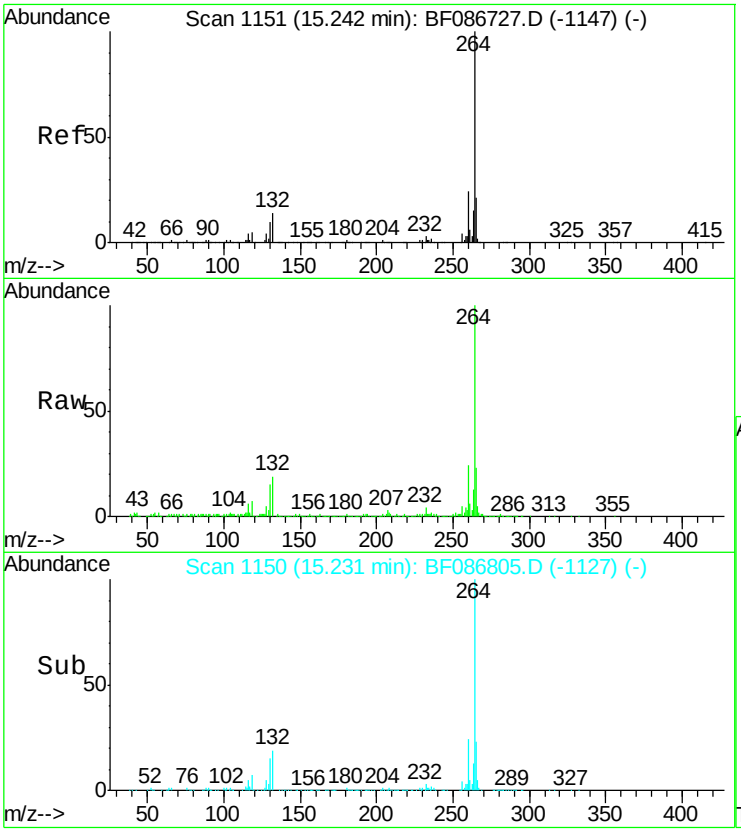


#85
Indeno(1,2,3-cd)pyrene
Concen: 30.41 ng
RT: 16.53 min Scan# 1264
Delta R.T. -0.06 min
Lab File: BF086805.D
Acq: 8 May 2016 6:13

Tgt Ion:276 Resp: 554717

Ion	Ratio	Lower	Upper
276	100		
138	22.4	25.6	38.4#
277	24.5	20.5	30.7



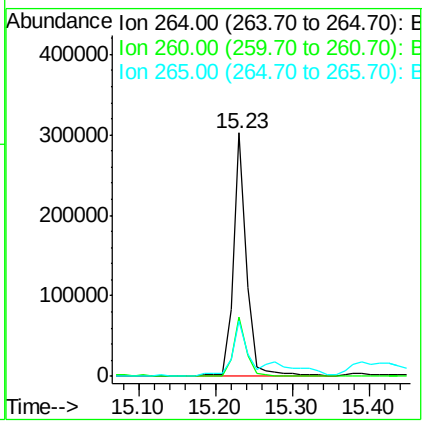


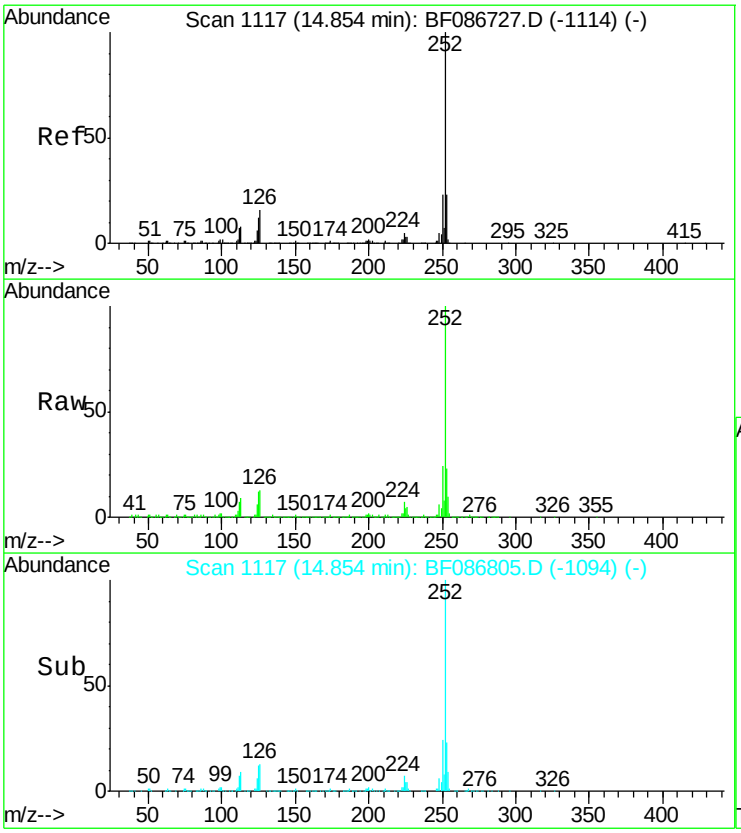
#86
Perylene-d12
Concen: 40.00 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.03 min
Lab File: BF086805.D
Acq: 8 May 2016 6:13

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B3(5-9)-CRE

Tgt Ion:264 Resp: 366239

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.9	17.3	25.9

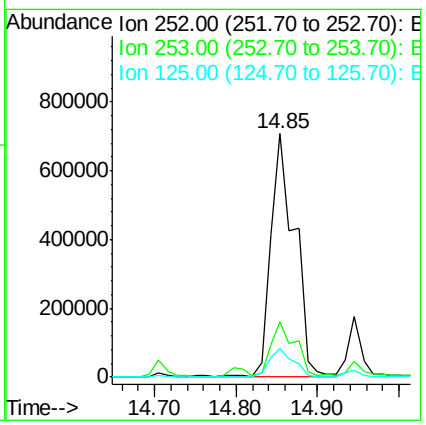


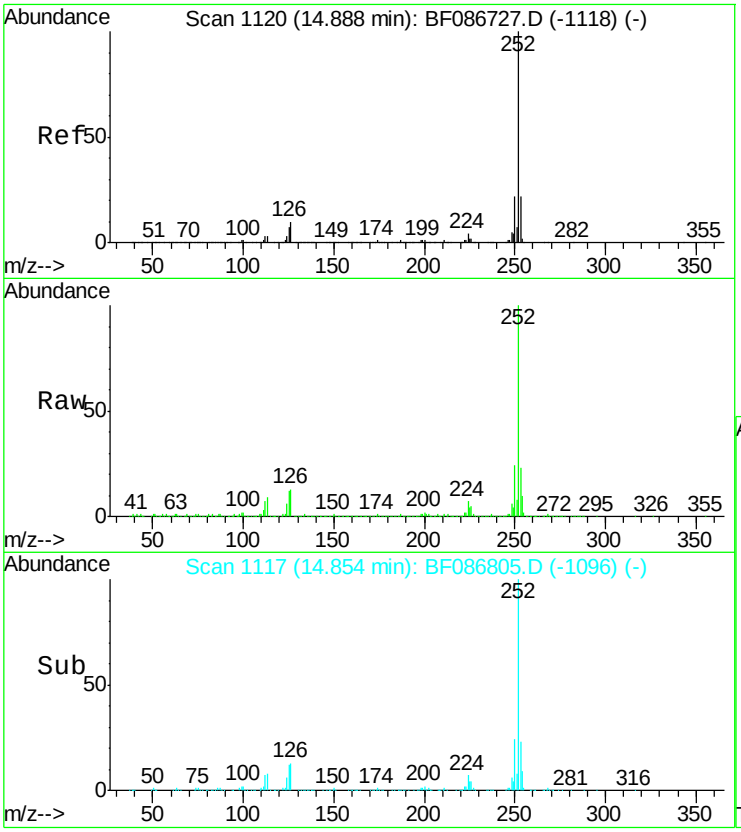


#87
Benzo(b)fluoranthene
Concen: 65.40 ng
RT: 14.85 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BF086805.D
Acq: 8 May 2016 6:13

Tgt Ion:252 Resp: 1439189

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	12.0	11.4	17.0



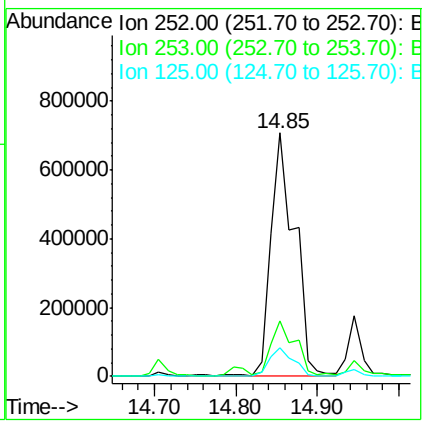


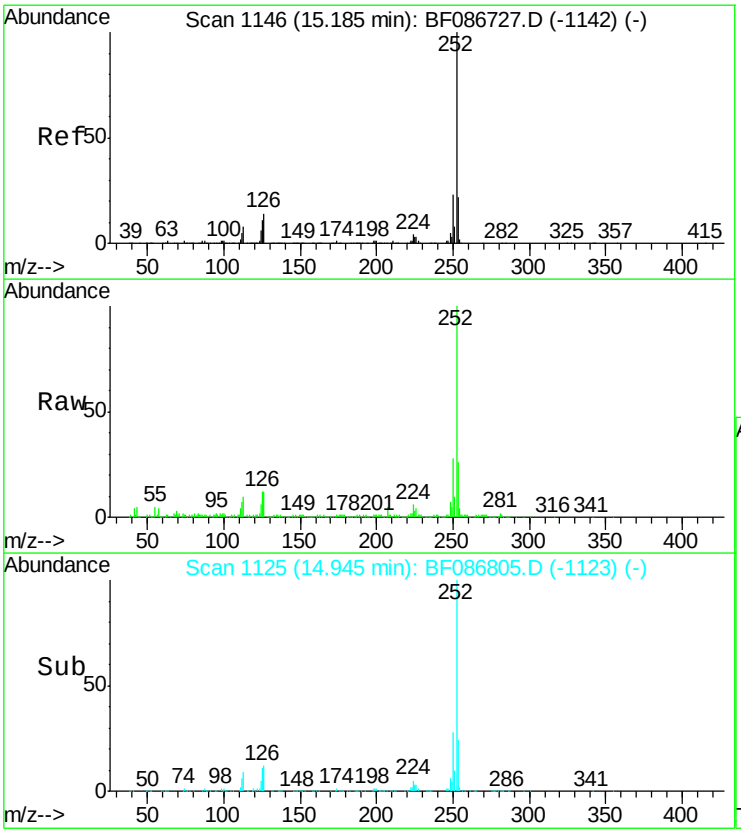
#88
Benzo(k)fluoranthene
Concen: 69.41 ng
RT: 14.85 min Scan# 1117
Delta R.T. -0.06 min
Lab File: BF086805.D
Acq: 8 May 2016 6:13

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B3(5-9)-CRE

Tgt Ion:252 Resp: 1439189

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	12.0	9.1	13.7

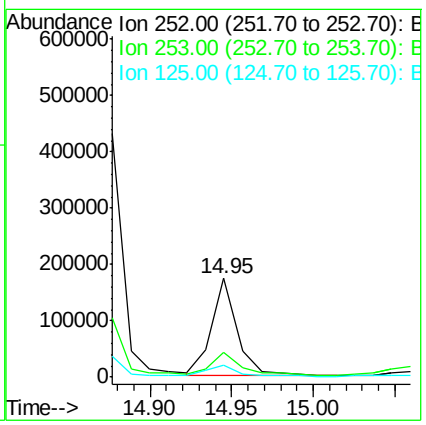


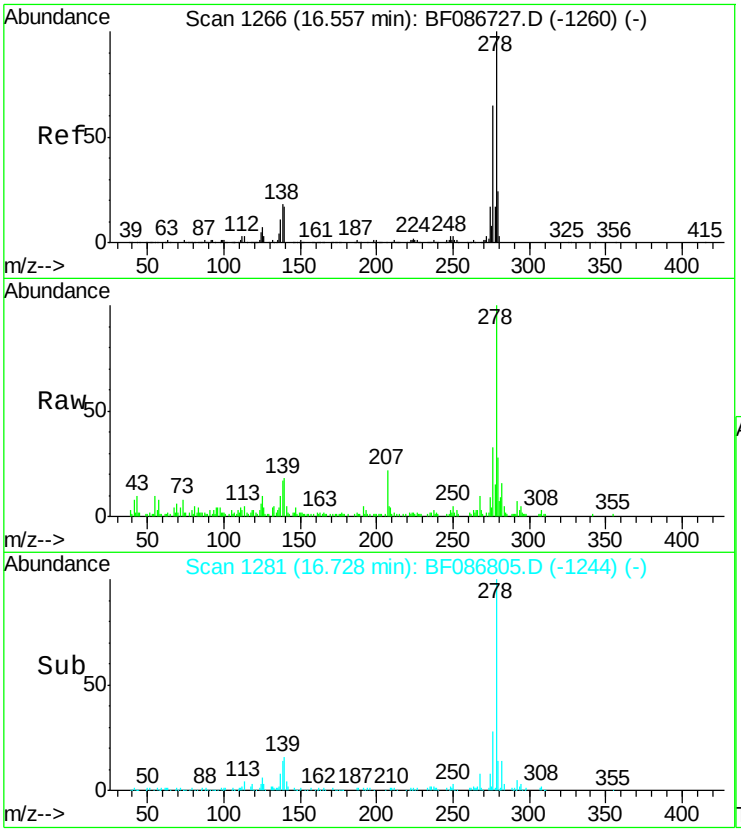


#89
Benzo(a)pyrene
Concen: 9.20 ng
RT: 14.95 min Scan# 1125
Delta R.T. -0.27 min
Lab File: BF086805.D
Acq: 8 May 2016 6:13

Tgt Ion:252 Resp: 186473

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.2	25.8
125	12.1	9.0	13.6



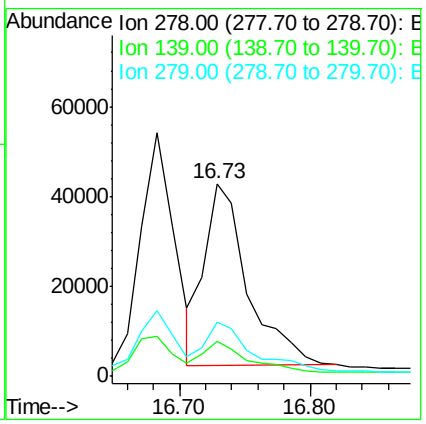


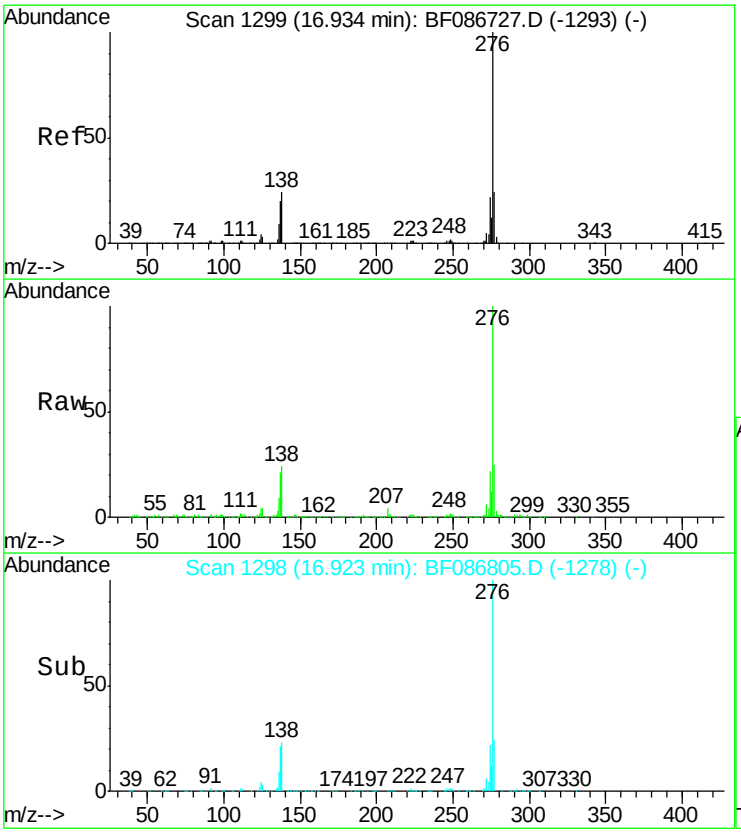
#90
Dibenzo(a,h)anthracene
Concen: 4.80 ng
RT: 16.73 min Scan# 1281
Delta R.T. 0.13 min
Lab File: BF086805.D
Acq: 8 May 2016 6:13

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B3(5-9)-CRE

Tgt Ion:278 Resp: 93549

Ion	Ratio	Lower	Upper
278	100		
139	18.3	16.6	24.8
279	27.8	19.6	29.4





#91
Benzo(g,h,i)perylene
Concen: 25.48 ng
RT: 16.92 min Scan# 1298
Delta R.T. -0.07 min
Lab File: BF086805.D
Acq: 8 May 2016 6:13

Tgt Ion:276 Resp: 520833

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.6	29.4
138	23.9	23.6	35.4