Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051616\
Data File : BF087079.D
Acq On : 16 May 2016 14:10
Operator : UM/SJ
Sample : H2968-06 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP42-4.5FT

Quant Time: May 17 00:52:17 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 14:55:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	195799	20.00	ng		0.07
21) Naphthalene-d8	7.90	136	309429	20.00	ng		-0.09
38) Acenaphthene-d10	9.64	164	121594	20.00	ng		-0.09
63) Phenanthrene-d10	11.12	188	215481	20.00	ng		-0.09
75) Chrysene-d12	13.75	240	178508	20.00	ng		-0.09
86) Perylene-d12	15.12	264	130614	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	472240	40.85	ng		-0.10
7) Phenol-d6	6.27	99	641789	41.53	ng		-0.09
23) Nitrobenzene-d5	7.18	82	392925	63.76	ng		-0.09
41) 2,4,6-Tribromophenol	10.43	330	100622	78.17	ng		-0.09
44) 2-Fluorobiphenyl	8.97	172	532448	73.59	ng		-0.09
78) Terphenyl-d14	12.71	244	385470	45.82	ng		-0.09
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.18	70	55427	5.13	ng	#	72
25) Isophorone	7.18	82	364787	31.90	ng	#	68
48) Acenaphthylene	9.51	152	32955	2.96	ng		99
49) Dimethylphthalate	9.37	163	81589	8.79	ng	#	99
55) 4-Nitrophenol	9.85	139	1656	5.70	ng	#	51
56) 2,4-Dinitrotoluene	9.64	165	15752	6.52	ng	#	15
66) 4-Bromophenyl-phenylether	10.43	248	6083	2.78	ng	#	1
70) Phenanthrene	11.14	178	77388	6.73	ng		99
71) Anthracene	11.20	178	37074	3.15	ng		100
74) Fluoranthene	12.33	202	293299	24.80	ng		90
77) Pyrene	12.55	202	251340	18.39	ng		99
80) Benzo(a)anthracene	13.74	228	162258	16.19	ng	#	90
82) Chrysene	13.74	228	162258	15.92	ng		92
85) Indeno(1,2,3-cd)pyrene	16.38	276	46073	5.43	ng		94
87) Benzo(b)fluoranthene	14.75	252	171281	20.18	ng	#	89
88) Benzo(k)fluoranthene	14.75	252	171281	24.64	ng	#	87
89) Benzo(a)pyrene	15.06	252	85226	11.64	ng	#	82
91) Benzo(g,h,i)perylene	16.75	276	45573	7.27	ng	#	91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051616\
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Acq On : 16 May 2016 14:10
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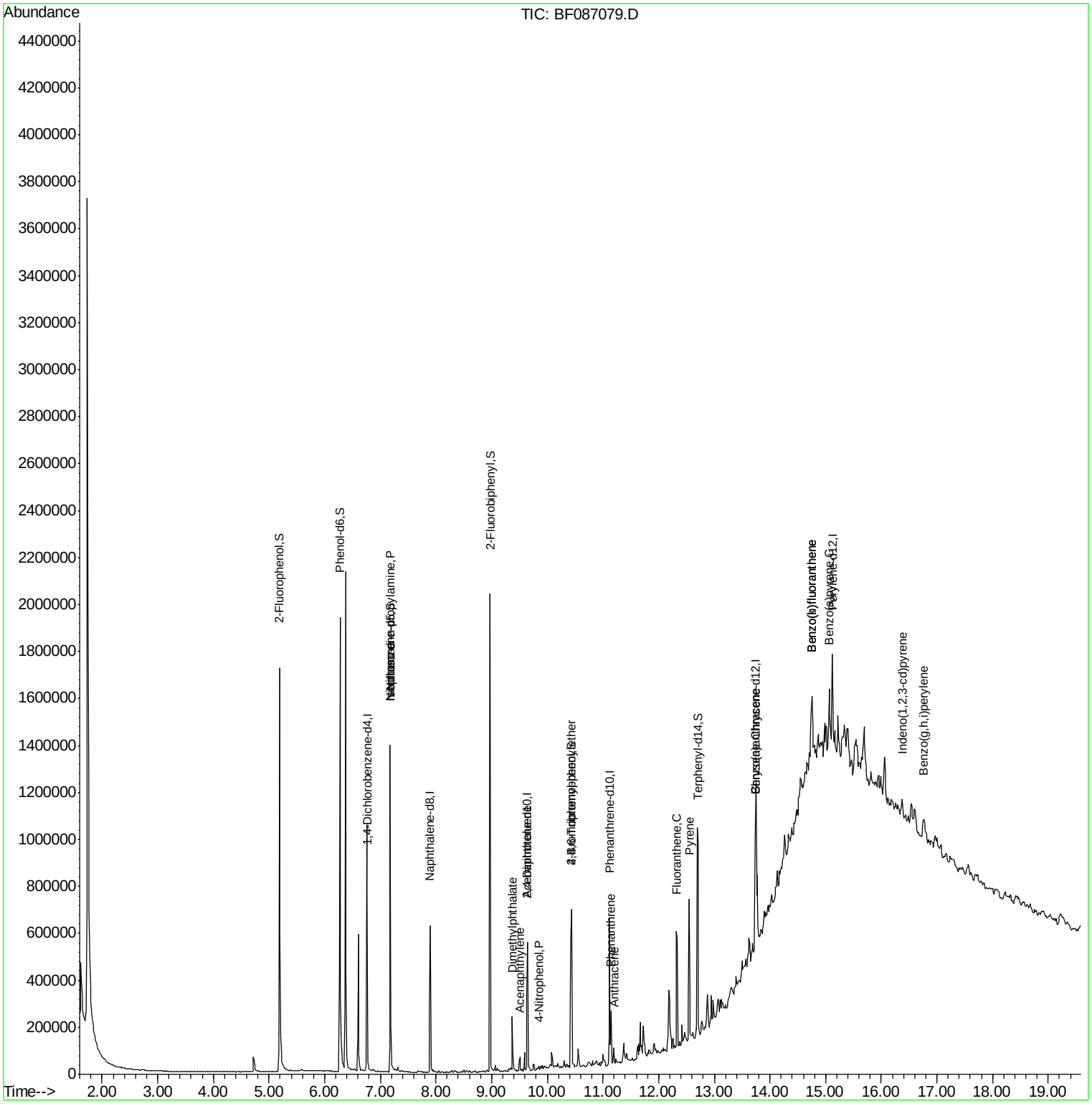
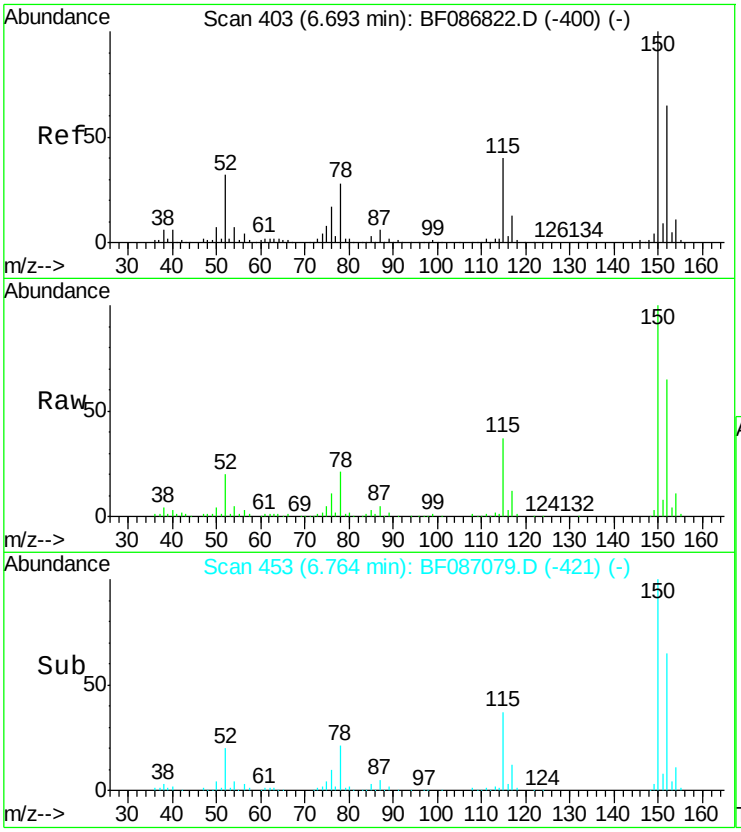
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 14:55:23 2016
Response via : Initial Calibration



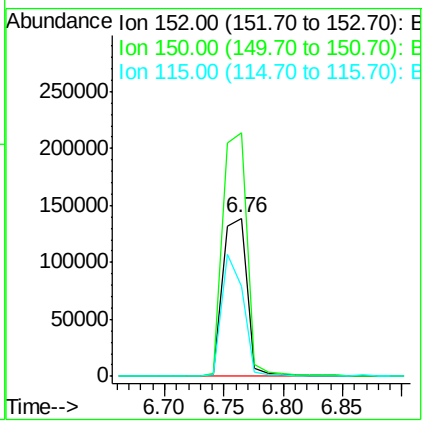


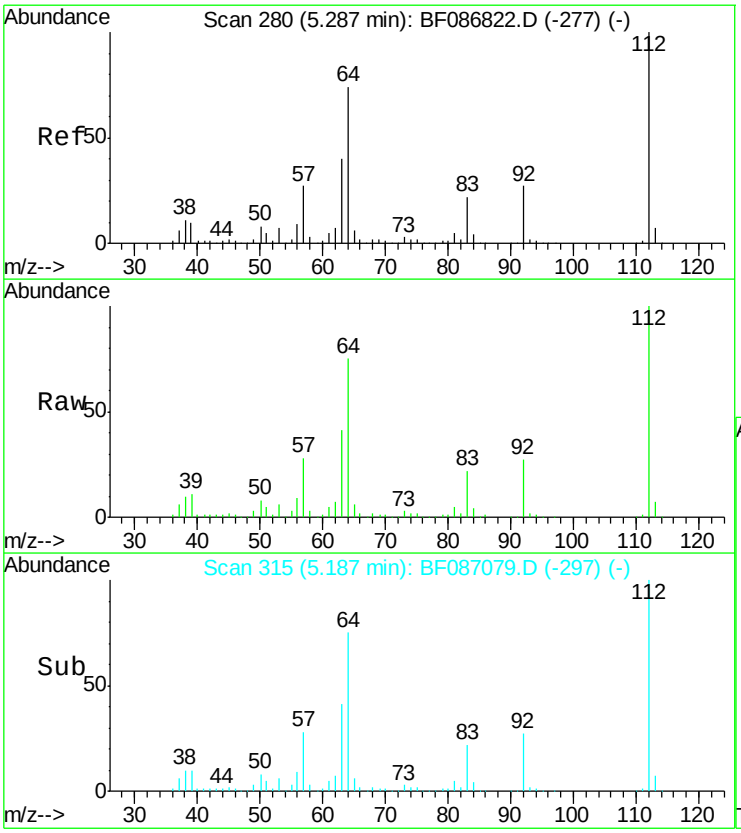
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 453
Delta R.T. 0.07 min
Lab File: BF087079.D
Acq: 16 May 2016 14:10

Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

Tgt Ion:152 Resp: 195799

Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.8	188.6
115	57.4	51.5	77.3

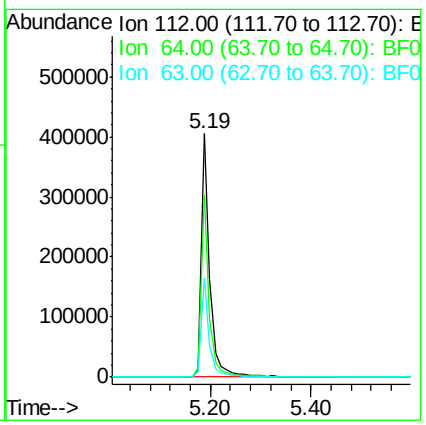


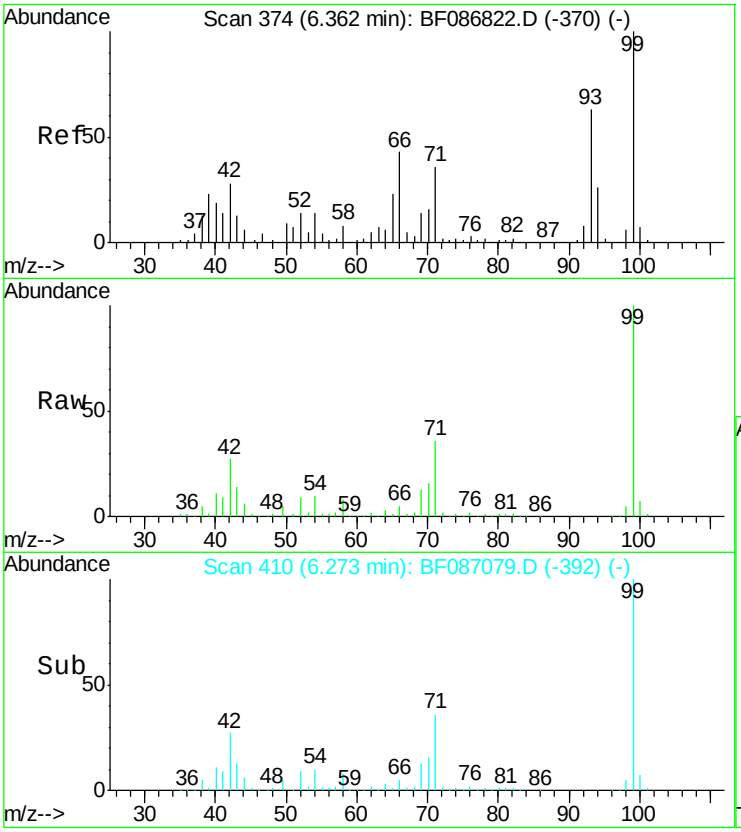


#5
2-Fluorophenol
Concen: 40.85 ng
RT: 5.19 min Scan# 315
Delta R.T. -0.10 min
Lab File: BF087079.D
Acq: 16 May 2016 14:10

Tgt Ion:112 Resp: 472240

Ion	Ratio	Lower	Upper
112	100		
64	74.7	52.1	78.1
63	40.5	25.7	38.5#



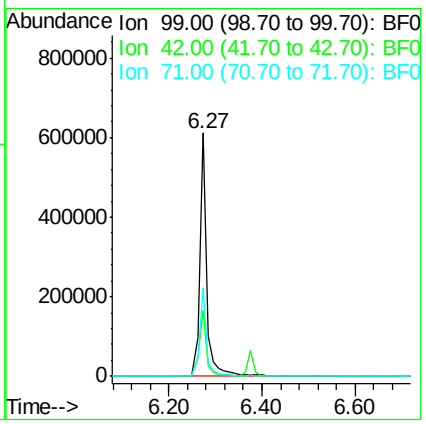


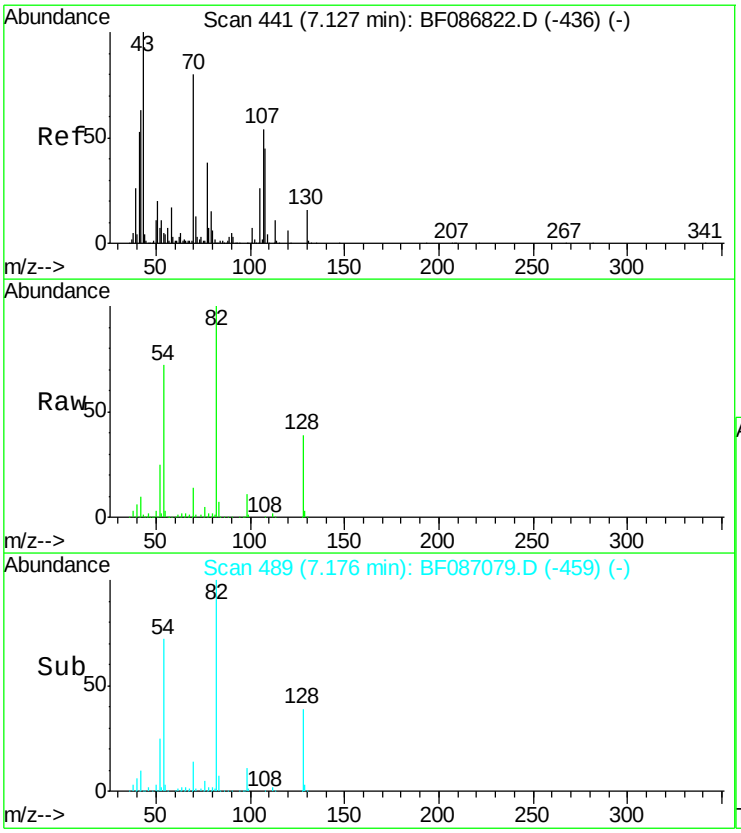
#7
Phenol-d6
Concen: 41.53 ng
RT: 6.27 min Scan# 410
Delta R.T. -0.09 min
Lab File: BF087079.D
Acq: 16 May 2016 14:10

Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

Tgt Ion: 99 Resp: 641789

Ion	Ratio	Lower	Upper
99	100		
42	27.2	13.6	20.4#
71	36.4	24.6	36.8

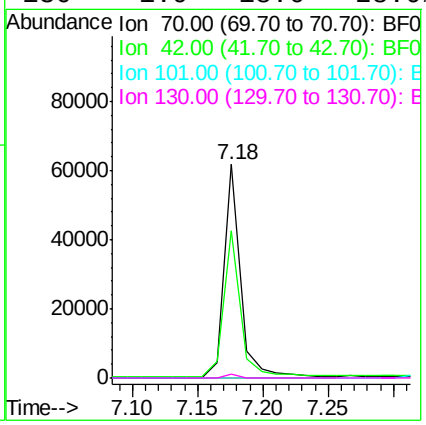


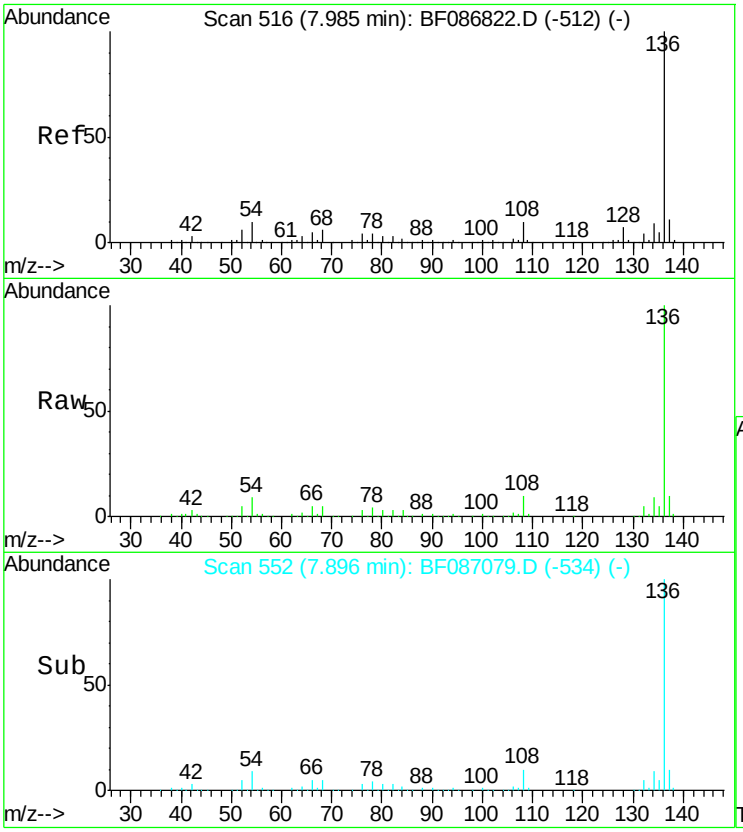


#19
n-Nitroso-di-n-propylamine
Concen: 5.13 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.05 min
Lab File: BF087079.D
Acq: 16 May 2016 14:10

Tgt Ion: 70 Resp: 55427

Ion	Ratio	Lower	Upper
70	100		
42	68.7	43.1	64.7#
101	0.0	8.1	12.1#
130	1.9	18.6	28.0#



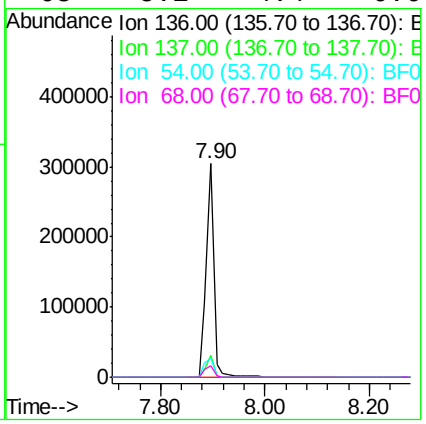


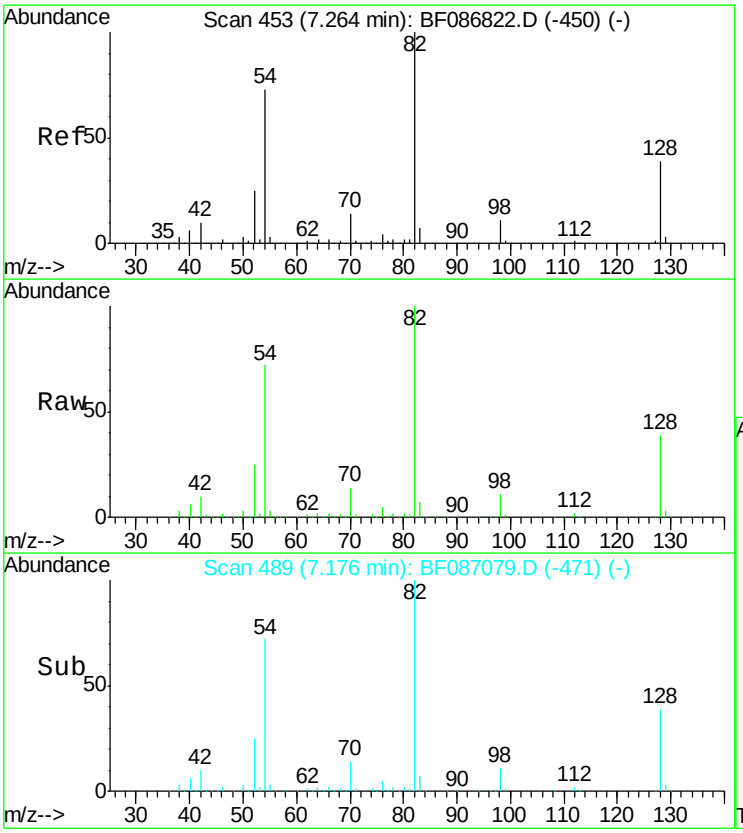
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.09 min
Lab File: BF087079.D
Acq: 16 May 2016 14:10

Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

Tgt Ion:136 Resp: 309429

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	9.2	5.0	7.4#
68	5.1	4.4	6.6

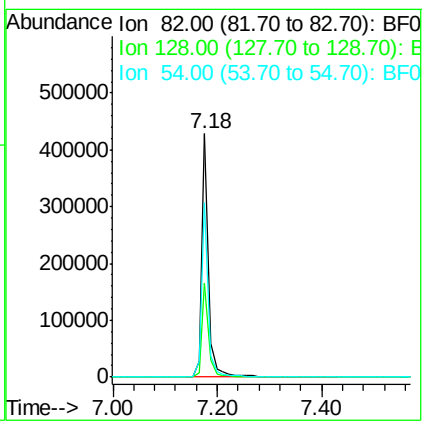


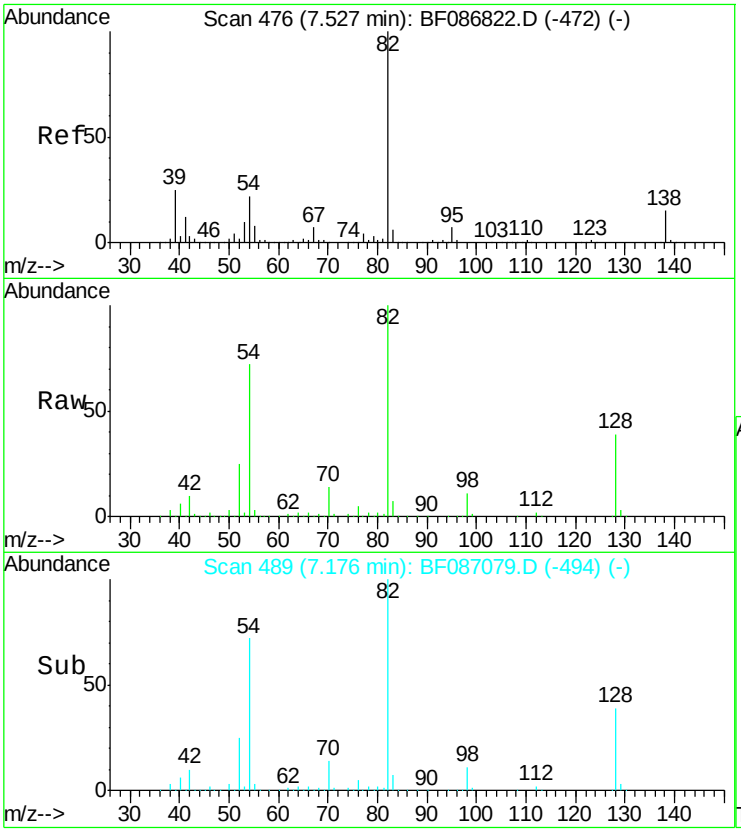


#23
Nitrobenzene-d5
Concen: 63.76 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.09 min
Lab File: BF087079.D
Acq: 16 May 2016 14:10

Tgt Ion: 82 Resp: 392925

Ion	Ratio	Lower	Upper
82	100		
128	38.7	40.6	61.0#
54	71.8	38.1	57.1#



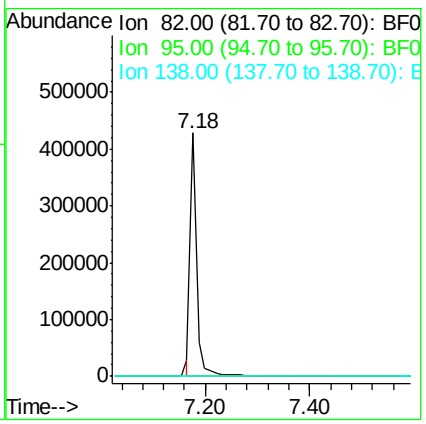


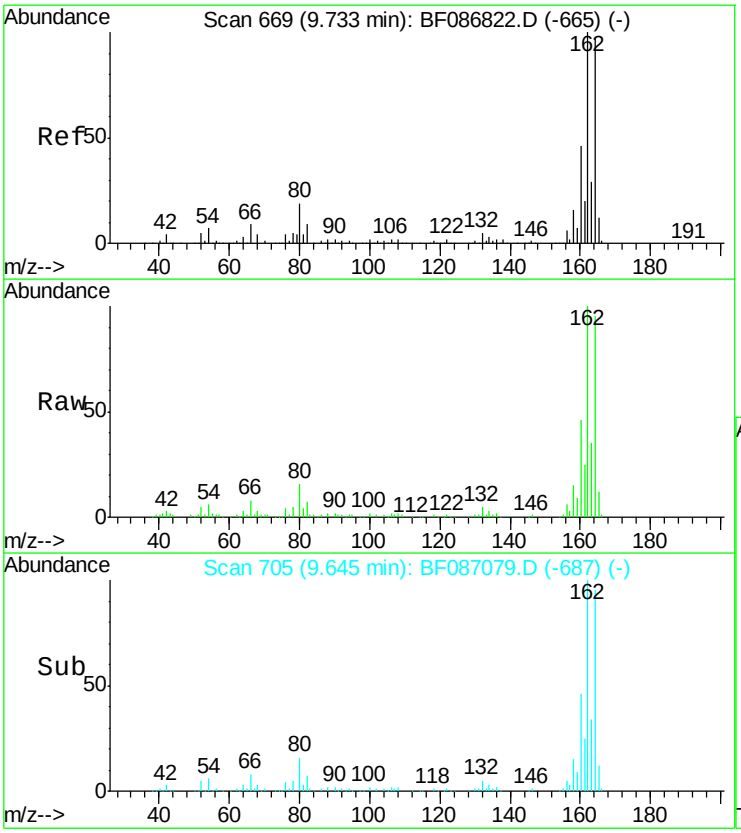
#25
Isophorone
Concen: 31.90 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.35 min
Lab File: BF087079.D
Acq: 16 May 2016 14:10

Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

Tgt Ion: 82 Resp: 364787

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

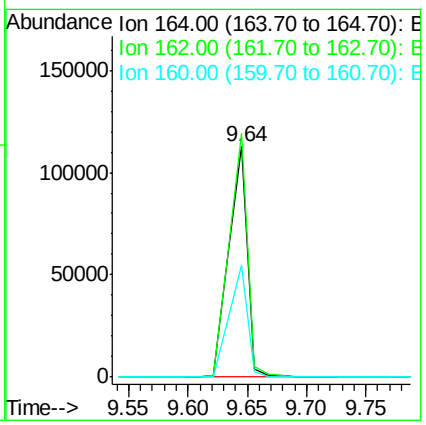


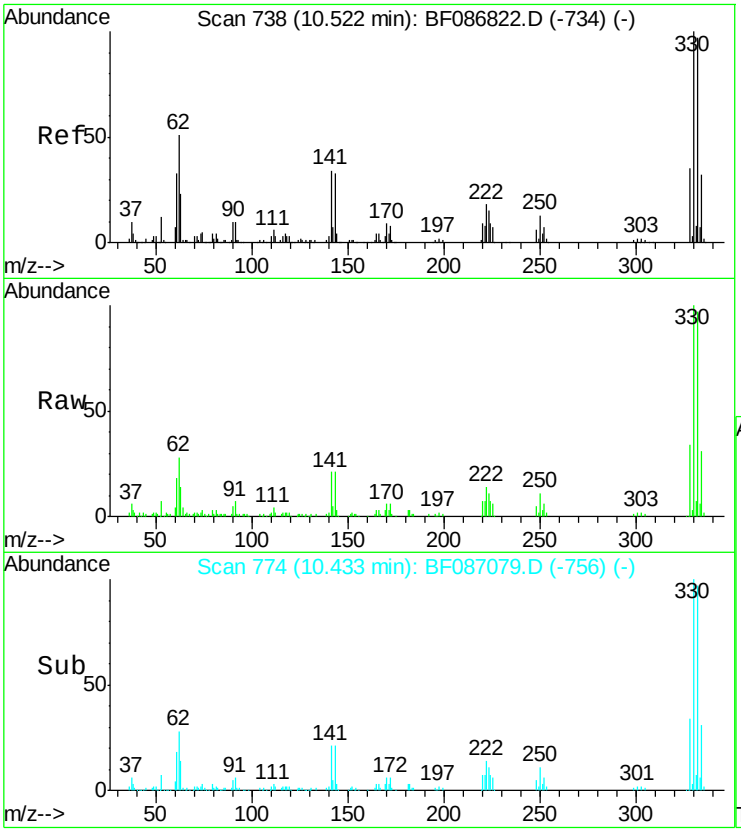


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.09 min
Lab File: BF087079.D
Acq: 16 May 2016 14:10

Tgt Ion:164 Resp: 121594

Ion	Ratio	Lower	Upper
164	100		
162	105.5	82.8	124.2
160	48.7	36.9	55.3



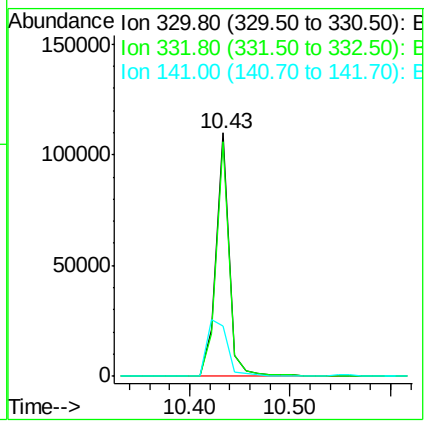


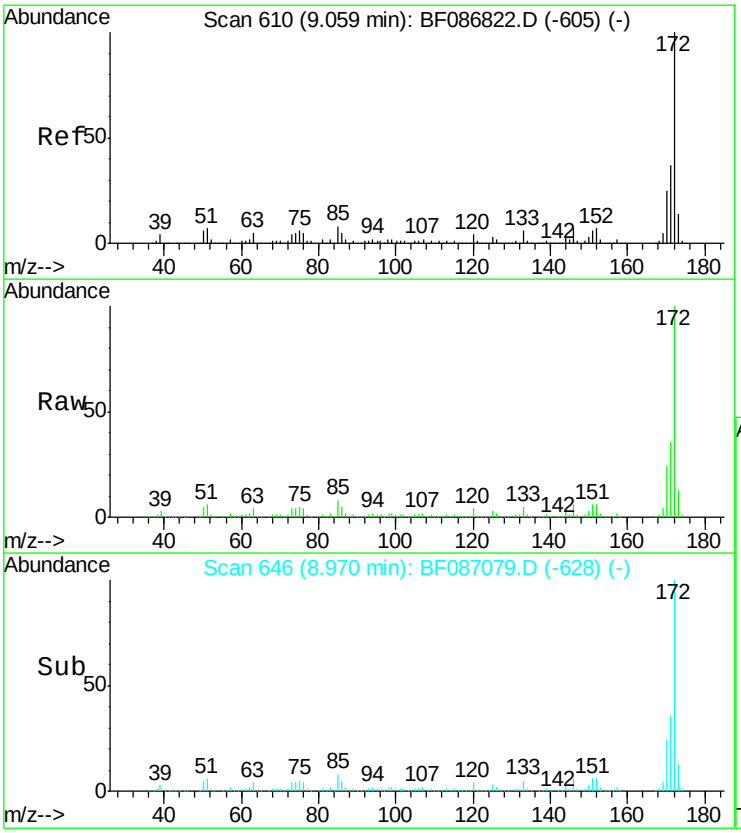
#41
2,4,6-Tribromophenol
Concen: 78.17 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.09 min
Lab File: BF087079.D
Acq: 16 May 2016 14:10

Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

Tgt Ion:330 Resp: 100622

Ion	Ratio	Lower	Upper
330	100		
332	95.9	79.0	118.4
141	37.1	31.2	46.8

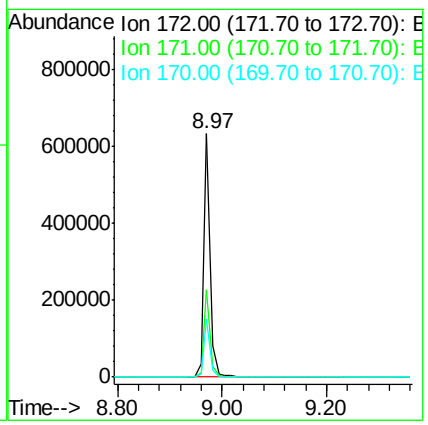


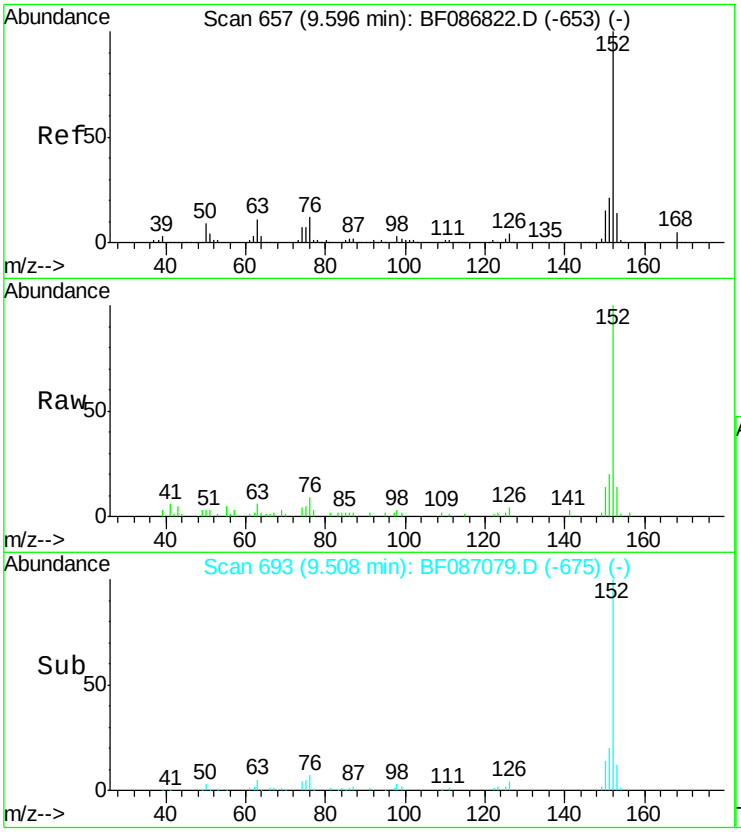


#44
2-Fluorobiphenyl
Concen: 73.59 ng
RT: 8.97 min Scan# 646
Delta R.T. -0.09 min
Lab File: BF087079.D
Acq: 16 May 2016 14:10

Tgt Ion:172 Resp: 532448

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	24.0	19.8	29.8



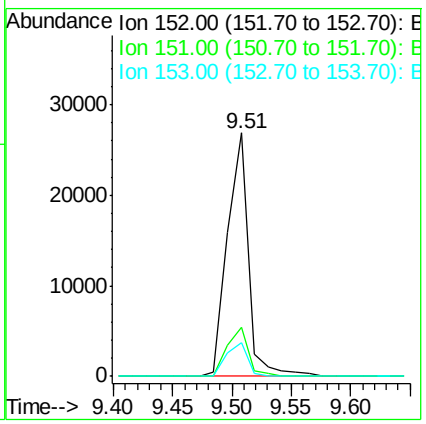


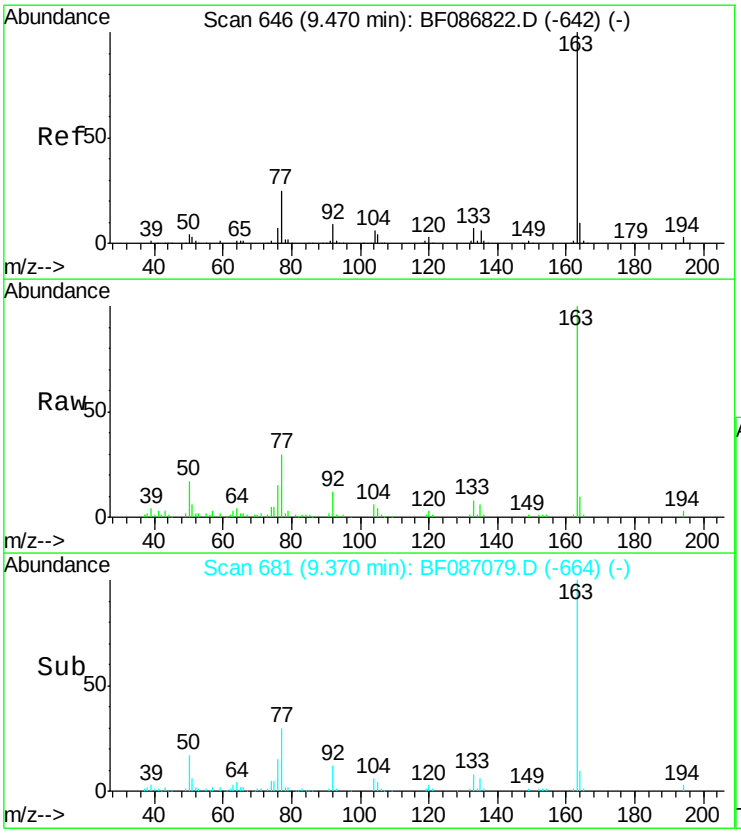
#48
Acenaphthylene
Concen: 2.96 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.09 min
Lab File: BF087079.D
Acq: 16 May 2016 14:10

Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

Tgt Ion:152 Resp: 32955

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.8	25.2
153	13.8	10.9	16.3

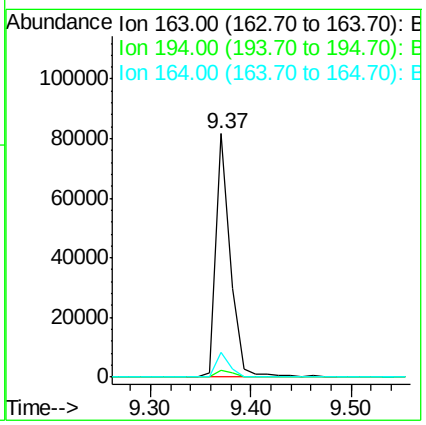


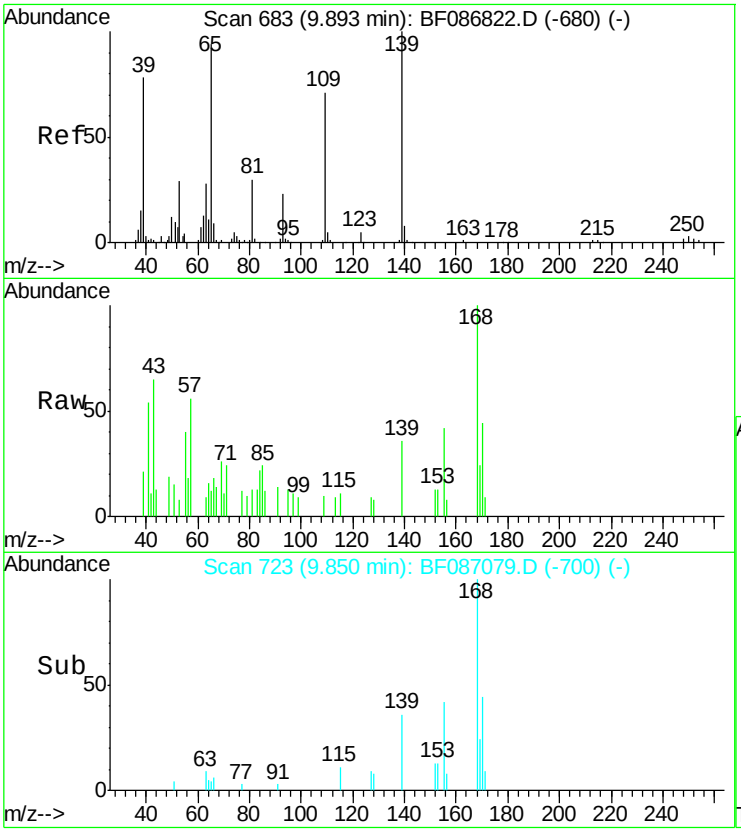


#49
Dimethylphthalate
Concen: 8.79 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.10 min
Lab File: BF087079.D
Acq: 16 May 2016 14:10

Tgt Ion:163 Resp: 81589

Ion	Ratio	Lower	Upper
163	100		
194	2.6	2.6	4.0#
164	10.3	8.2	12.4



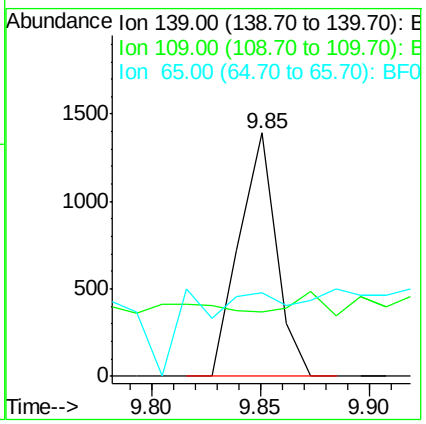


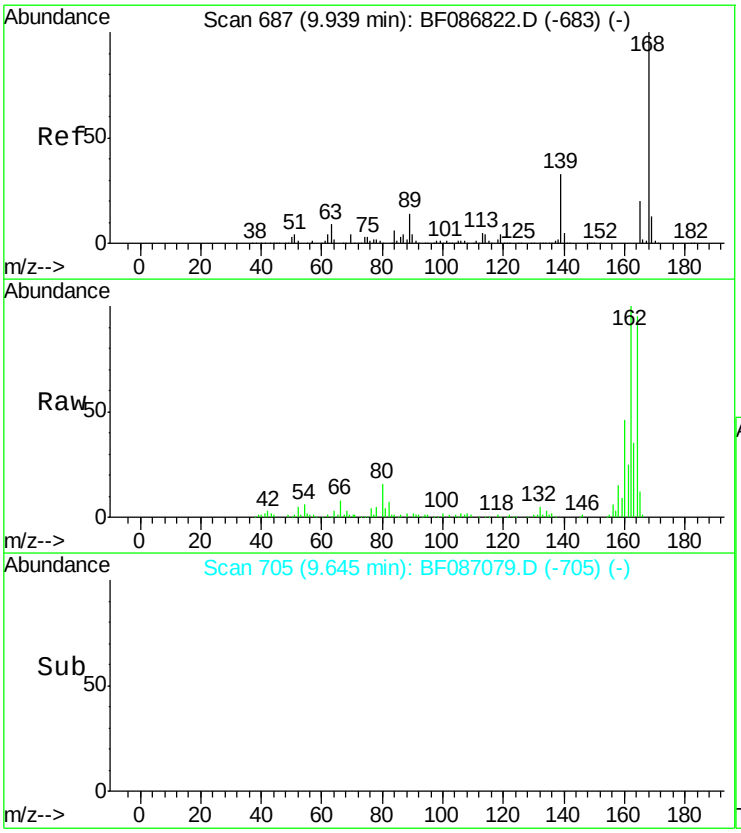
#55
4-Nitrophenol
Concen: 5.70 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.04 min
Lab File: BF087079.D
Acq: 16 May 2016 14:10

Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

Tgt Ion:139 Resp: 1656

Ion	Ratio	Lower	Upper
139	100		
109	26.3	36.9	76.9#
65	34.2	64.0	104.0#

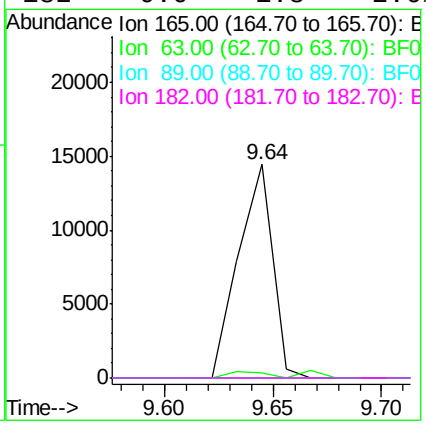


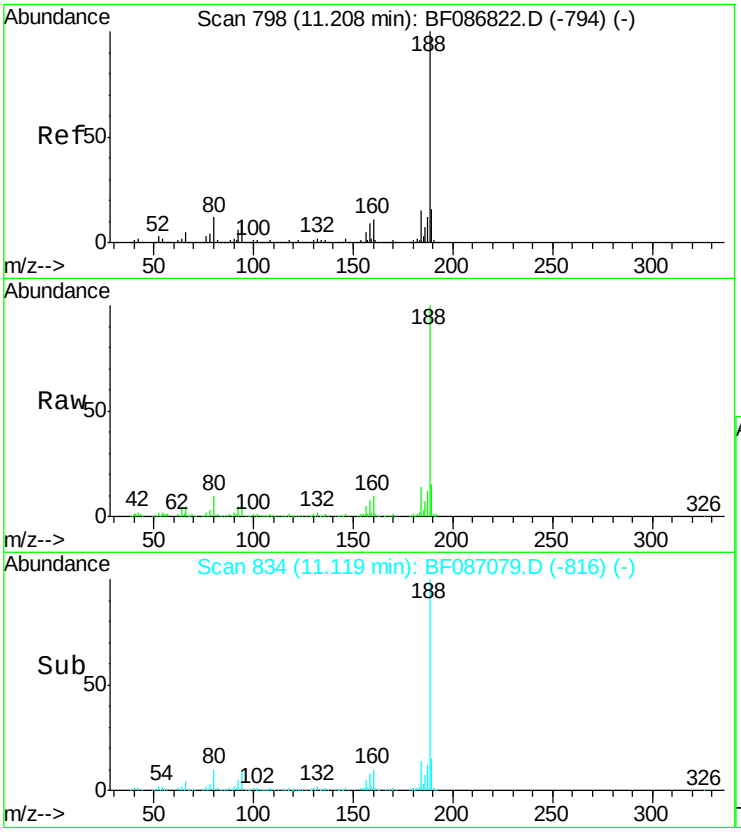


#56
2,4-Dinitrotoluene
Concen: 6.52 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.29 min
Lab File: BF087079.D
Acq: 16 May 2016 14:10

Tgt Ion:165 Resp: 15752

Ion	Ratio	Lower	Upper
165	100		
63	2.3	44.3	66.5#
89	0.0	70.0	105.0#
182	0.0	1.8	2.6#



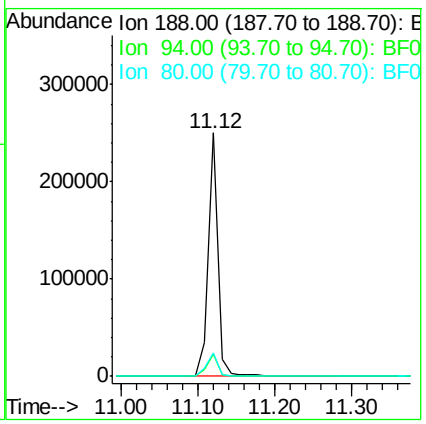


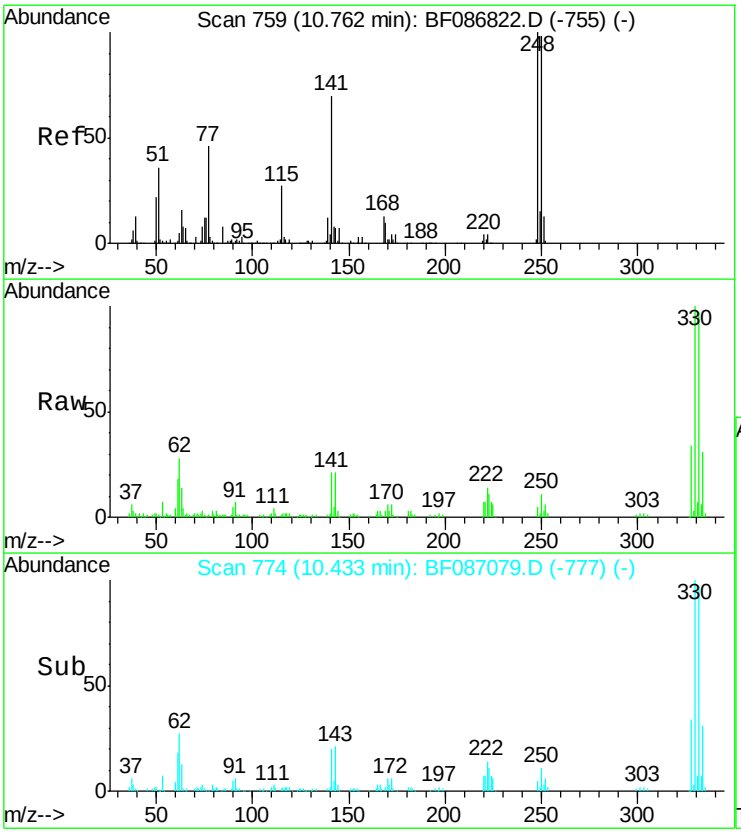
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.09 min
Lab File: BF087079.D
Acq: 16 May 2016 14:10

Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

Tgt Ion:188 Resp: 215481

Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.8	10.2
80	9.9	7.1	10.7

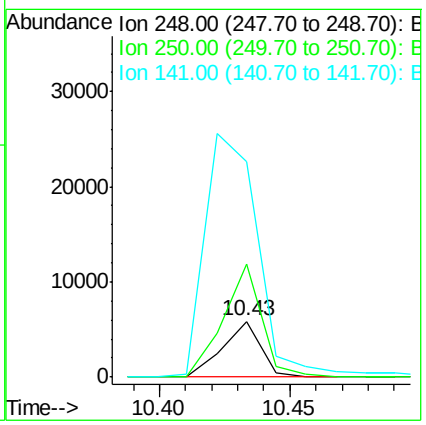


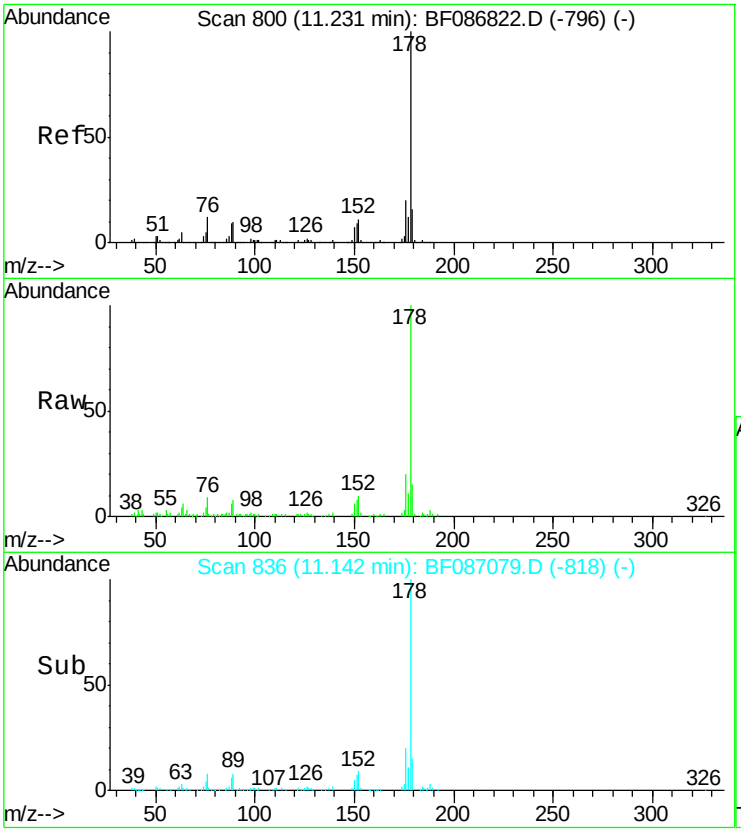


#66
4-Bromophenyl-phenylether
Concen: 2.78 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.33 min
Lab File: BF087079.D
Acq: 16 May 2016 14:10

Tgt Ion:248 Resp: 6083

Ion	Ratio	Lower	Upper
248	100		
250	201.1	78.6	117.8#
141	385.2	76.0	114.0#



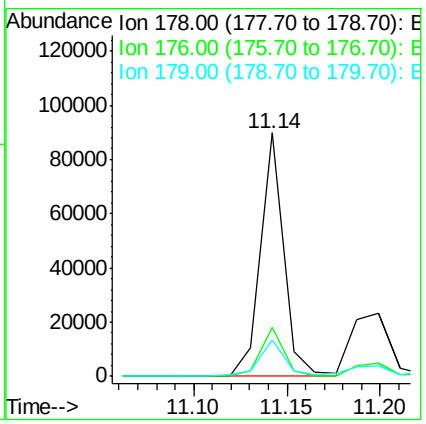


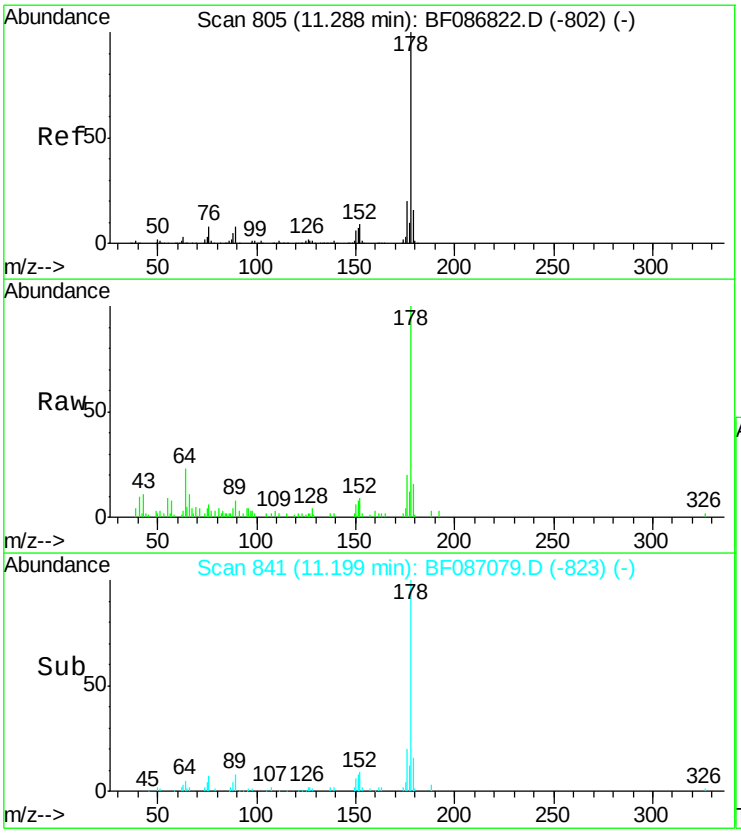
#70
Phenanthrene
Concen: 6.73 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.09 min
Lab File: BF087079.D
Acq: 16 May 2016 14:10

Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

Tgt Ion:178 Resp: 77388

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.0	24.0
179	14.8	12.6	18.8

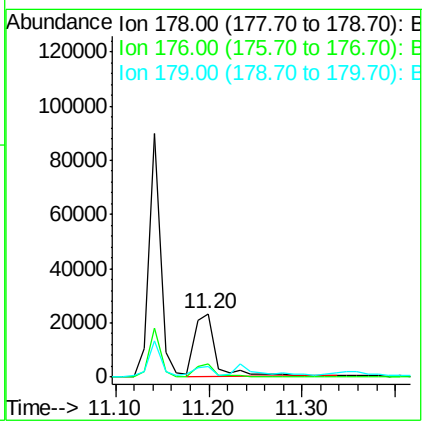


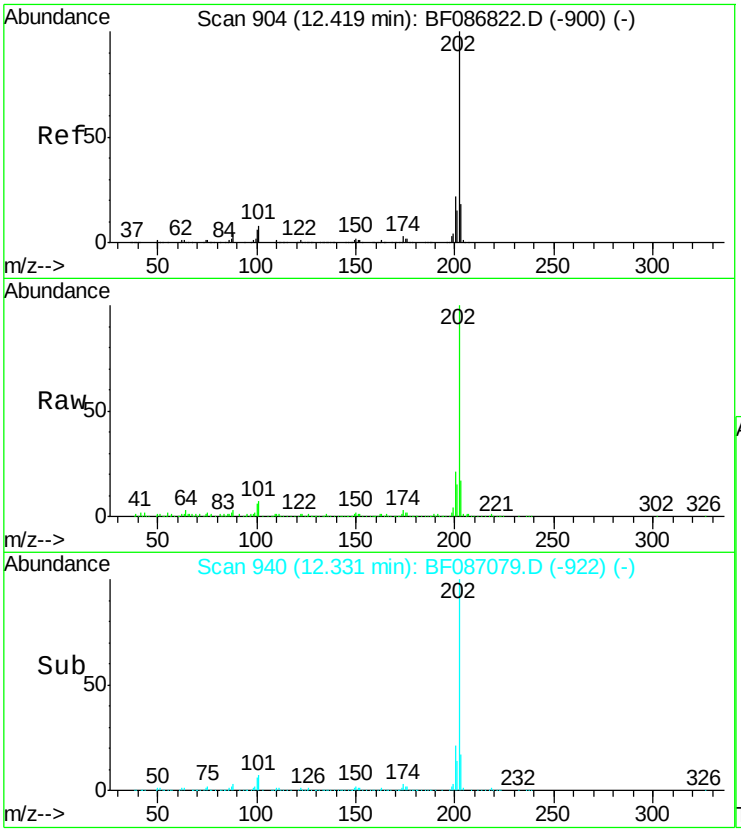


#71
Anthracene
Concen: 3.15 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.09 min
Lab File: BF087079.D
Acq: 16 May 2016 14:10

Tgt Ion:178 Resp: 37074

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	15.7	12.7	19.1



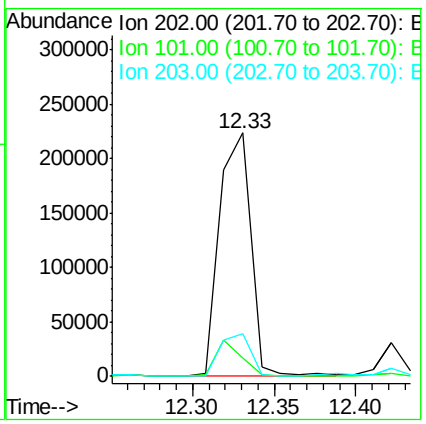


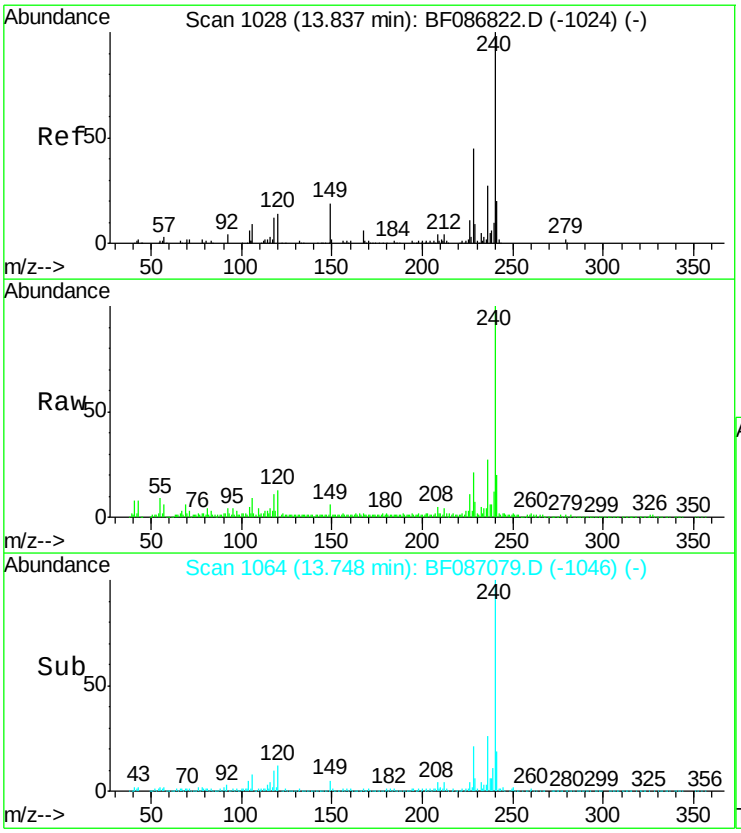
#74
Fluoranthene
Concen: 24.80 ng
RT: 12.33 min Scan# 940
Delta R.T. -0.09 min
Lab File: BF087079.D
Acq: 16 May 2016 14:10

Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

Tgt Ion:202 Resp: 293299

Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	35.4
203	17.3	0.0	38.1

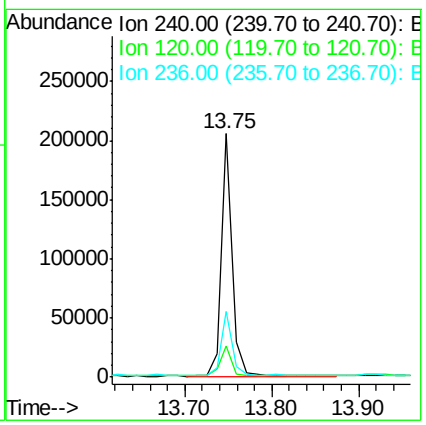


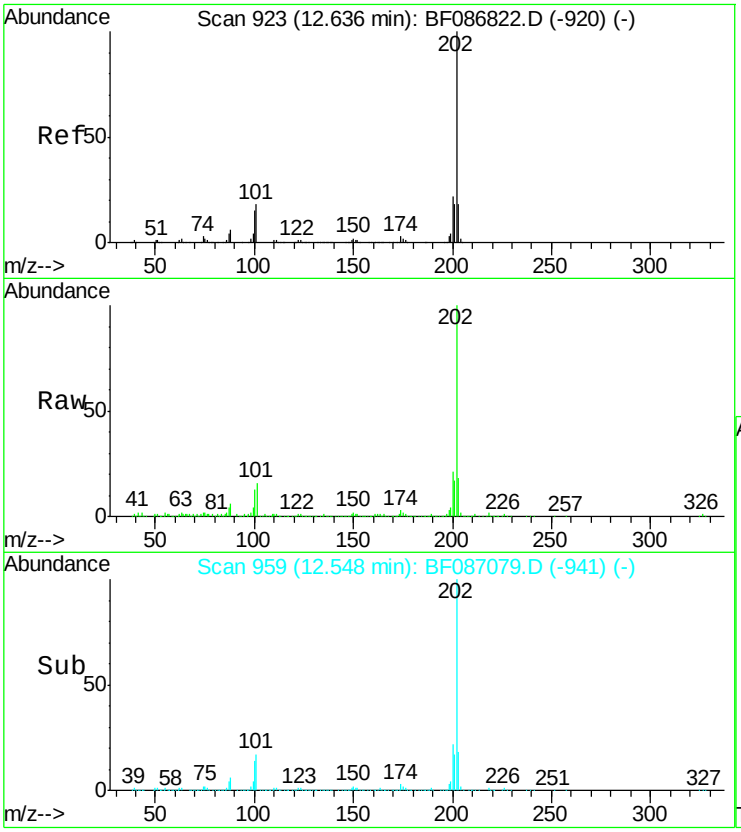


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.09 min
Lab File: BF087079.D
Acq: 16 May 2016 14:10

Tgt Ion:240 Resp: 178508

Ion	Ratio	Lower	Upper
240	100		
120	13.0	11.2	16.8
236	26.9	21.2	31.8



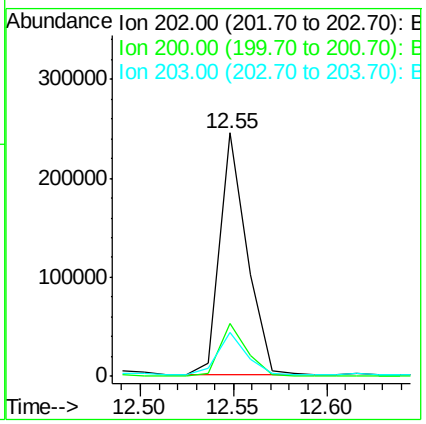


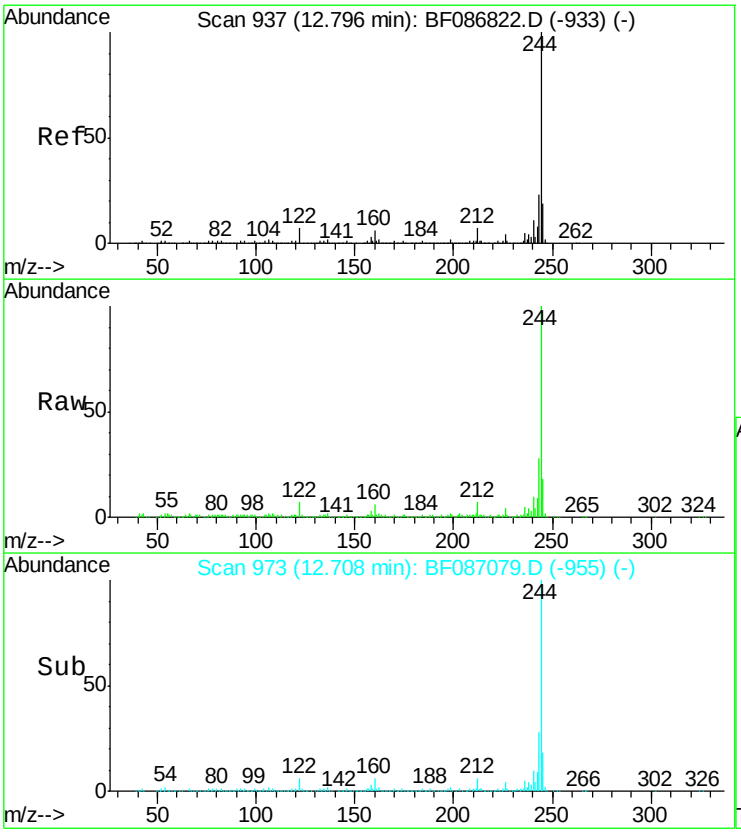
#77
Pyrene
Concen: 18.39 ng
RT: 12.55 min Scan# 959
Delta R.T. -0.09 min
Lab File: BF087079.D
Acq: 16 May 2016 14:10

Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

Tgt Ion:202 Resp: 251340

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.7	26.5
203	18.3	14.2	21.4

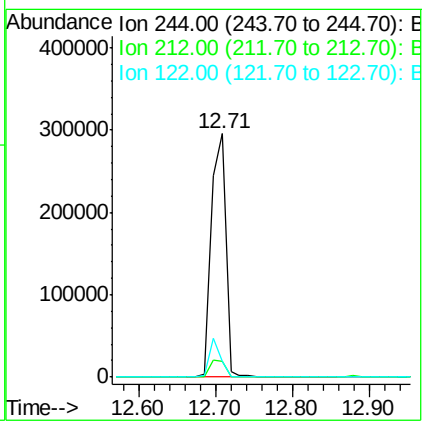


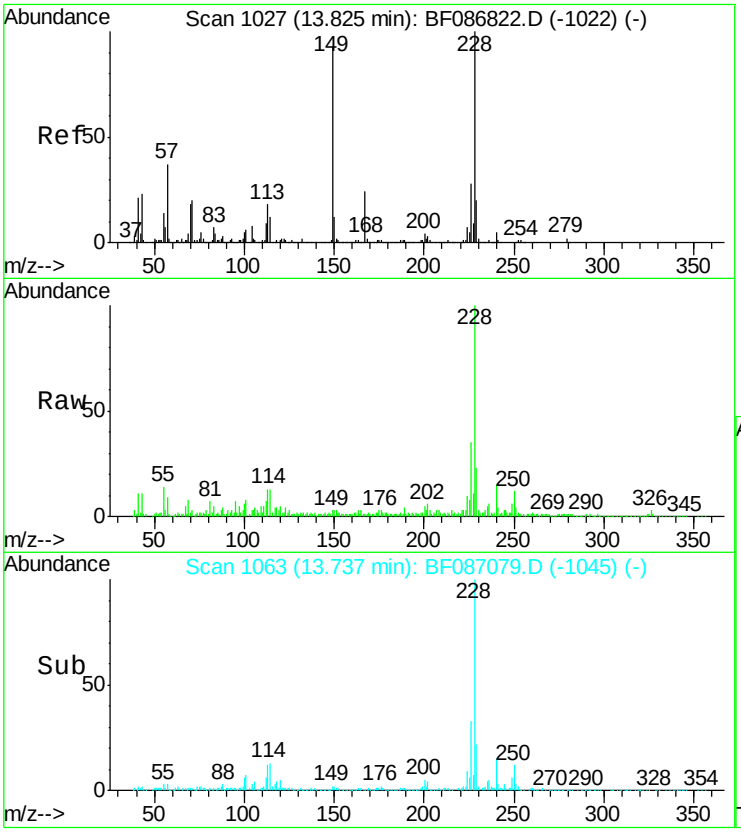


#78
Terphenyl-d14
Concen: 45.82 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.09 min
Lab File: BF087079.D
Acq: 16 May 2016 14:10

Tgt Ion:244 Resp: 385470

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.2	9.2
122	6.6	12.0	18.0#



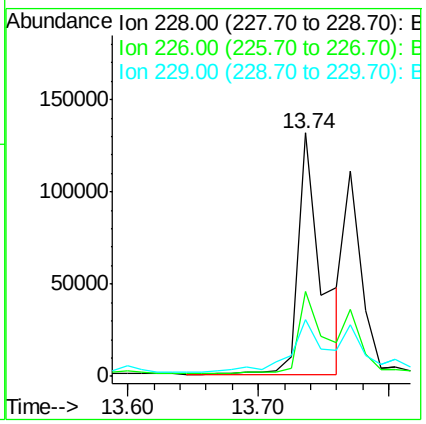


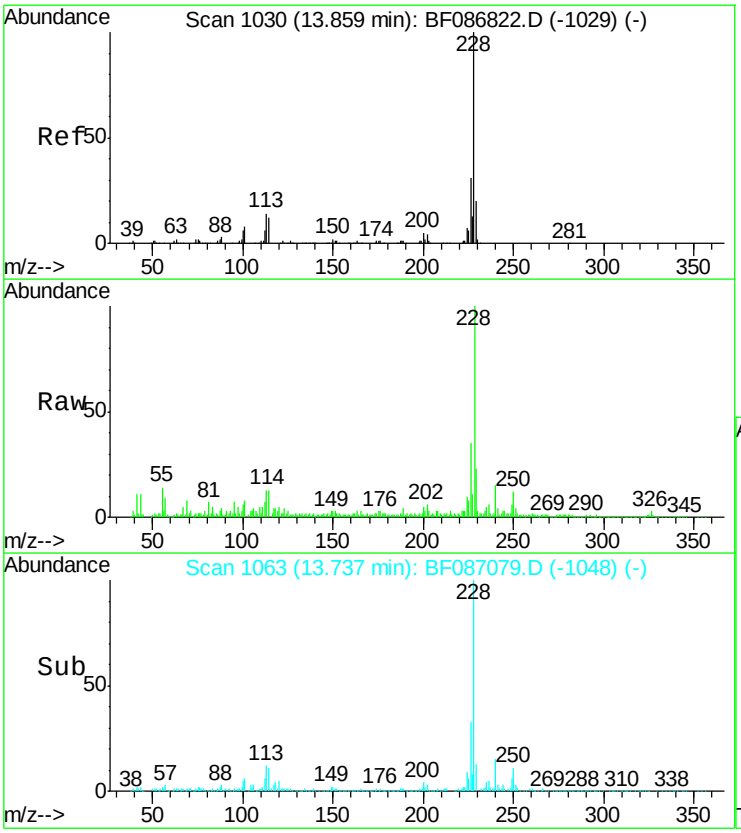
#80
Benzo(a)anthracene
Concen: 16.19 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.09 min
Lab File: BF087079.D
Acq: 16 May 2016 14:10

Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

Tgt Ion:228 Resp: 162258

Ion	Ratio	Lower	Upper
228	100		
226	35.0	22.5	33.7#
229	23.3	16.6	25.0

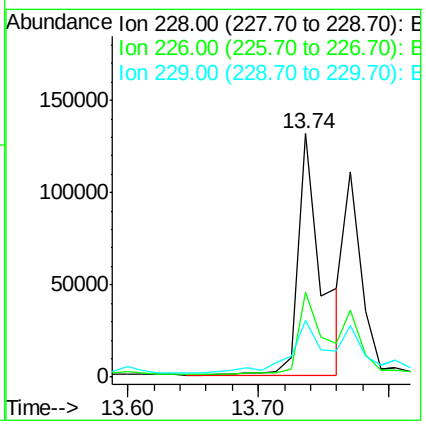


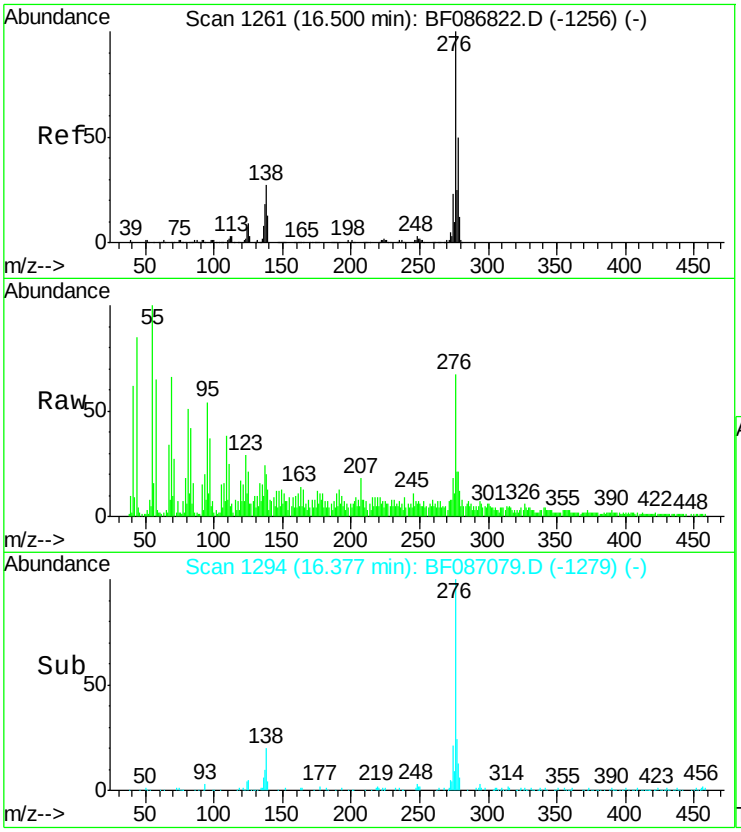


#82
Chrysene
Concen: 15.92 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.12 min
Lab File: BF087079.D
Acq: 16 May 2016 14:10

Tgt Ion:228 Resp: 162258

Ion	Ratio	Lower	Upper
228	100		
226	35.0	24.4	36.6
229	23.3	15.8	23.8



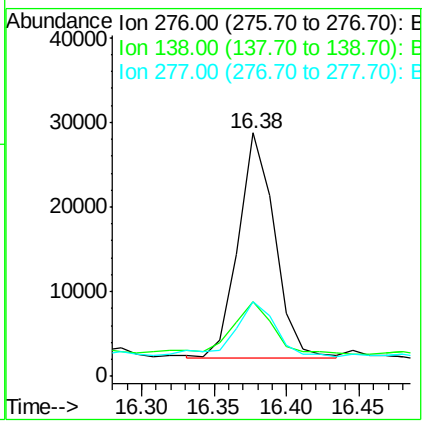


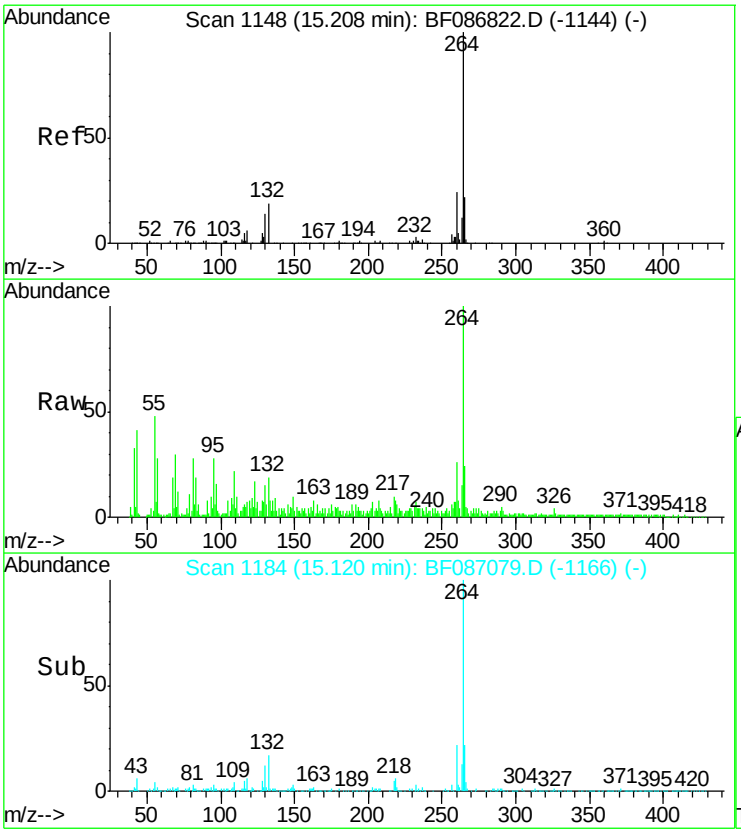
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.43 ng
RT: 16.38 min Scan# 1294
Delta R.T. -0.12 min
Lab File: BF087079.D
Acq: 16 May 2016 14:10

Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

Tgt Ion:276 Resp: 46073

Ion	Ratio	Lower	Upper
276	100		
138	28.0	25.6	38.4
277	28.2	20.5	30.7

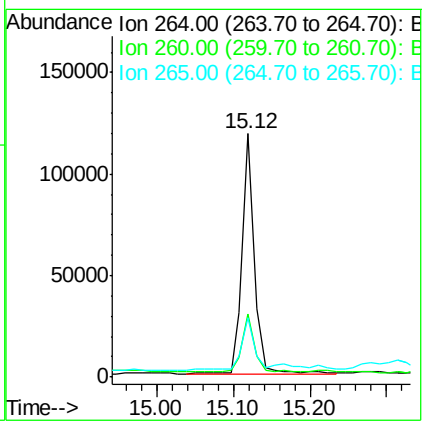


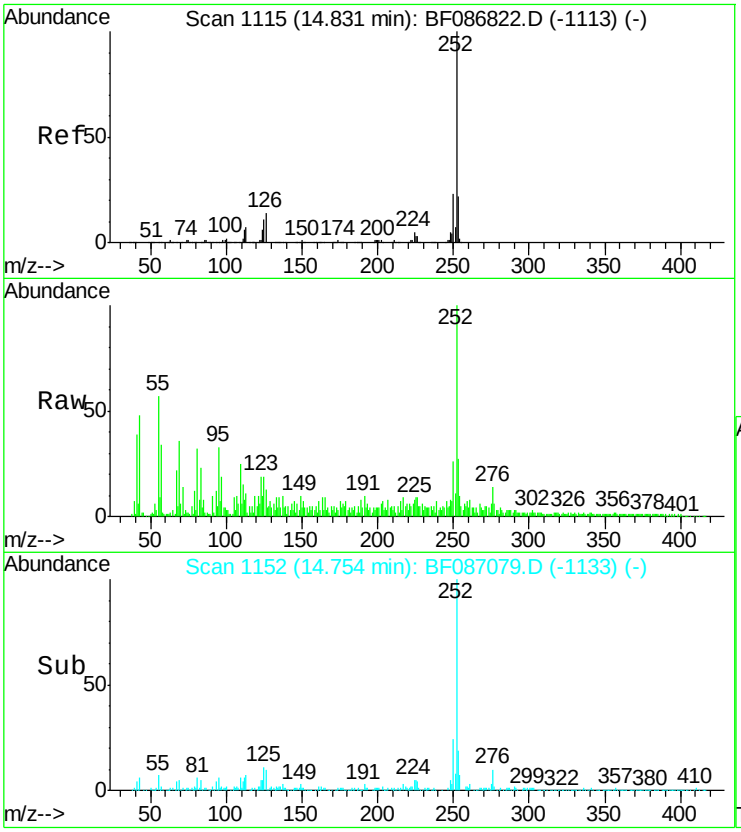


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.09 min
Lab File: BF087079.D
Acq: 16 May 2016 14:10

Tgt Ion:264 Resp: 130614

Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.5	29.3
265	24.3	17.3	25.9



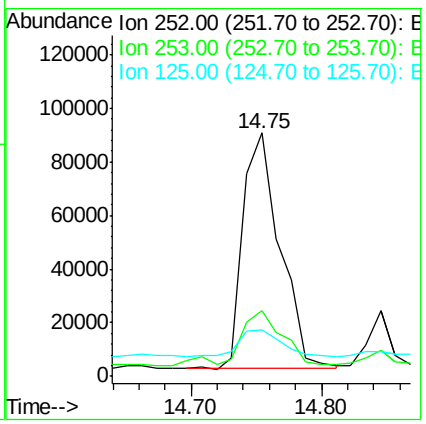


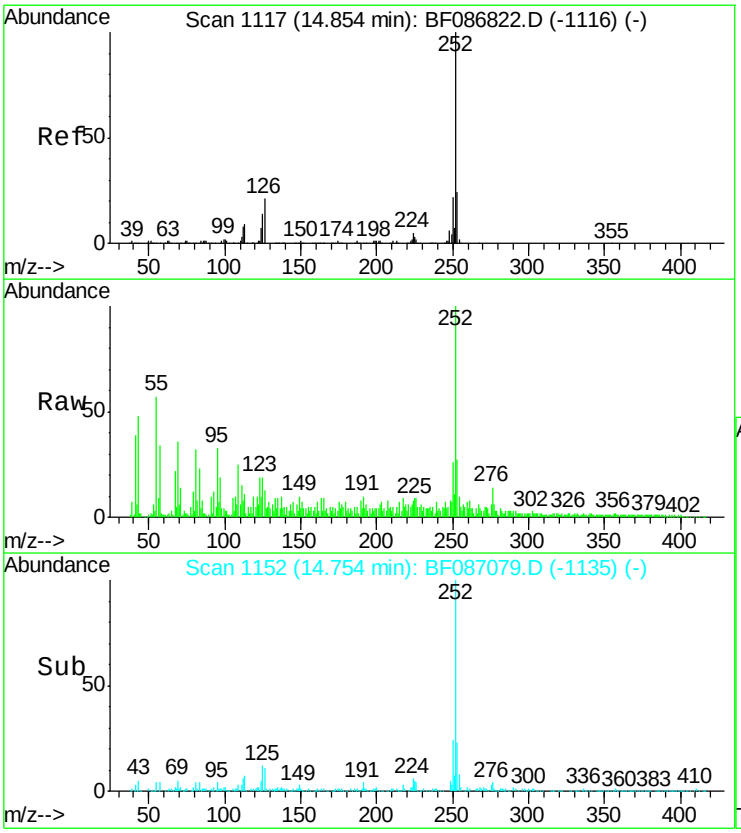
#87
Benzo(b)fluoranthene
Concen: 20.18 ng
RT: 14.75 min Scan# 1152
Delta R.T. -0.08 min
Lab File: BF087079.D
Acq: 16 May 2016 14:10

Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

Tgt Ion:252 Resp: 171281

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.8	26.6#
125	18.9	11.4	17.0#

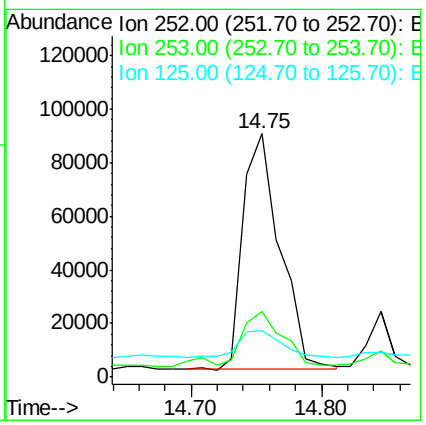


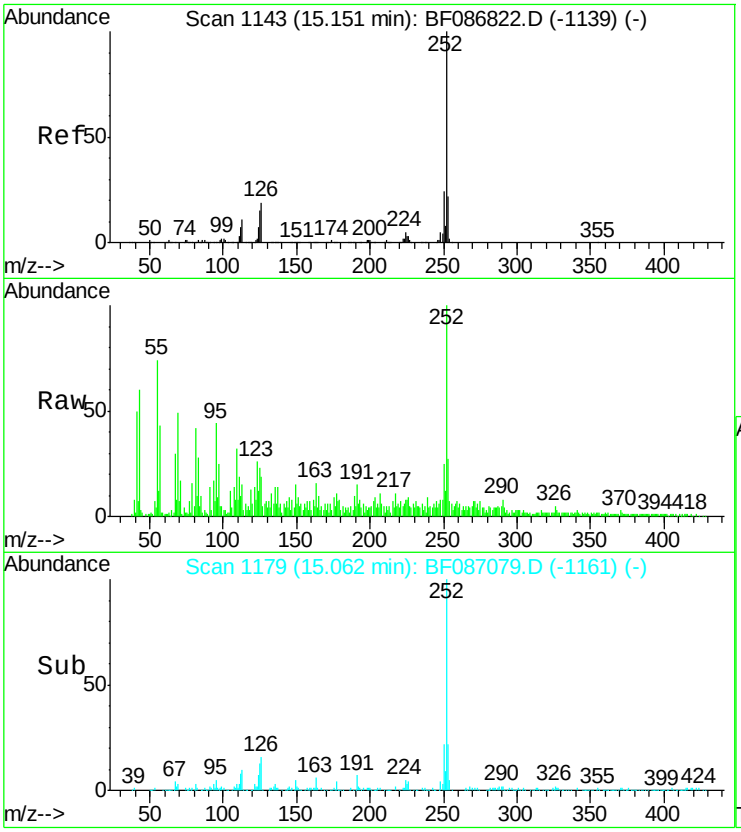


#88
Benzo(k)fluoranthene
Concen: 24.64 ng
RT: 14.75 min Scan# 1152
Delta R.T. -0.10 min
Lab File: BF087079.D
Acq: 16 May 2016 14:10

Tgt Ion:252 Resp: 171281

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.8	26.6#
125	18.9	9.1	13.7#



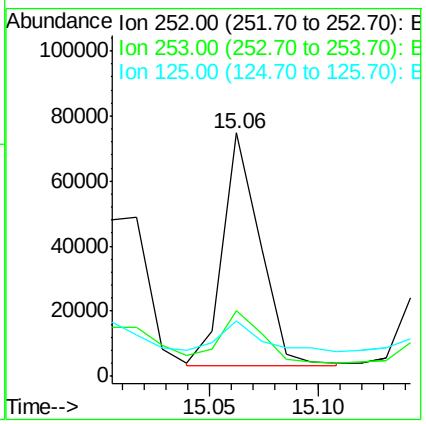


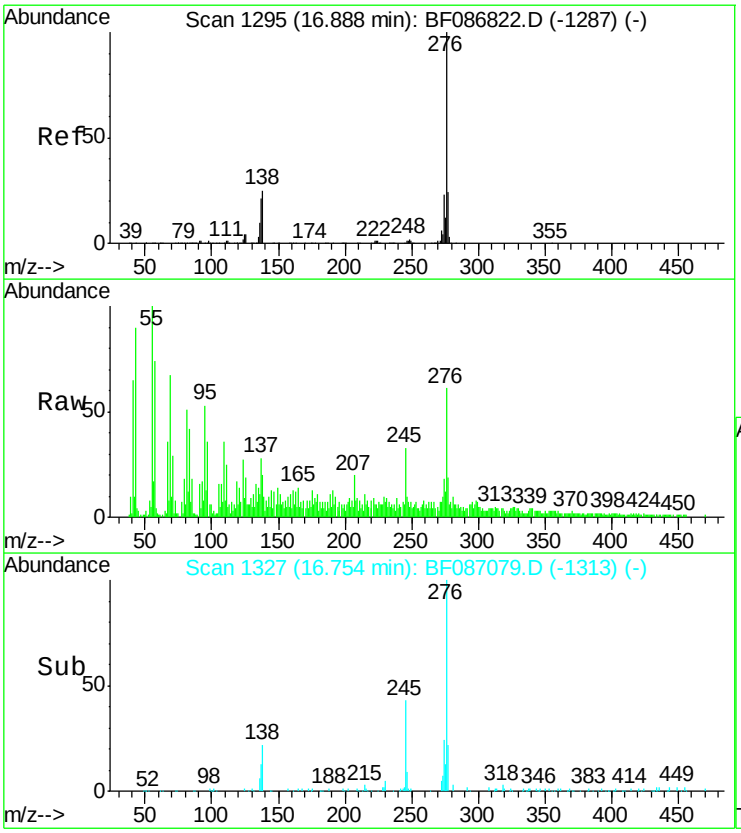
#89
Benzo(a)pyrene
Concen: 11.64 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.09 min
Lab File: BF087079.D
Acq: 16 May 2016 14:10

Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

Tgt Ion:252 Resp: 85226

Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.2	25.8#
125	22.8	9.0	13.6#





#91
Benzo(g,h,i)perylene
Concen: 7.27 ng
RT: 16.75 min Scan# 1327
Delta R.T. -0.13 min
Lab File: BF087079.D
Acq: 16 May 2016 14:10

Tgt Ion:276 Resp: 45573

Ion	Ratio	Lower	Upper
276	100		
277	30.8	19.6	29.4#
138	32.4	23.6	35.4