Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061016\
Data File : BF087884.D
Acq On : 10 Jun 2016 19:50
Operator : UM/SJ
Sample : H3395-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-932-PLATFORM(0-4)

Quant Time: Jun 11 02:00:14 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	6.81	152	117220	20.00	ng		-0.03
21) Naphthalene-d8	8.10	136	460849	20.00	ng		-0.02
38) Acenaphthene-d10	9.85	164	192163	20.00	ng		-0.03
63) Phenanthrene-d10	11.32	188	276908	20.00	ng		-0.03
75) Chrysene-d12	13.95	240	228191	20.00	ng		-0.03
86) Perylene-d12	15.37	264	212189	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	864738	126.11	ng		-0.01
7) Phenol-d6	6.46	99	1173988	141.28	ng		-0.02
23) Nitrobenzene-d5	7.38	82	682616	86.49	ng		-0.03
41) 2,4,6-Tribromophenol	10.64	330	197843	97.51	ng		-0.03
44) 2-Fluorobiphenyl	9.18	172	1000434	81.56	ng		-0.03
78) Terphenyl-d14	12.91	244	763163	76.10	ng		-0.03
Target Compounds							Qvalue
10) Phenol	6.47	94	6355	Below Cal			91
19) n-Nitroso-di-n-propylamine	7.38	70	91577	17.23	ng	#	72
45) 1,1'-Biphenyl	9.27	154	2179	Below Cal			96
48) Acenaphthylene	9.70	152	161921	8.19	ng		98
49) Dimethylphthalate	9.56	163	118286	8.50	ng		99
56) 2,4-Dinitrotoluene	9.85	165	25465	6.22	ng	#	38
57) Fluorene	10.39	166	15932	Below Cal		#	98
64) 4,6-Dinitro-2-methylphenol	10.63	198	457	2.41	ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	12685	4.27	ng	#	1
70) Phenanthrene	11.35	178	189060	13.01	ng		98
71) Anthracene	11.39	178	111507	7.61	ng		99
72) Carbazole	11.55	167	28462	2.08	ng		98
74) Fluoranthene	12.54	202	734363	47.89	ng		99
77) Pyrene	12.77	202	724945	42.81	ng		100
80) Benzo(a)anthracene	13.94	228	563230	43.31	ng	#	90
82) Chrysene	13.94	228	563230	46.04	ng		94
85) Indeno(1,2,3-cd)pyrene	16.72	276	200187	17.61	ng	#	100
87) Benzo(b)fluoranthene	14.97	252	833682	56.37	ng	#	94
88) Benzo(k)fluoranthene	14.97	252	833682	74.73	ng		99
89) Benzo(a)pyrene	15.39	252	95311	7.97	ng		97
90) Dibenzo(a,h)anthracene	16.73	278	54290	4.89	ng		94
91) Benzo(g,h,i)perylene	17.13	276	166921	14.60	ng		97

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

Quantitation Report (Not Reviewed)

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Operator : UM/SJ
Sample : H3395-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STA-932-PLATFORM(0-4)

Quant Time: Jun 11 02:00:14 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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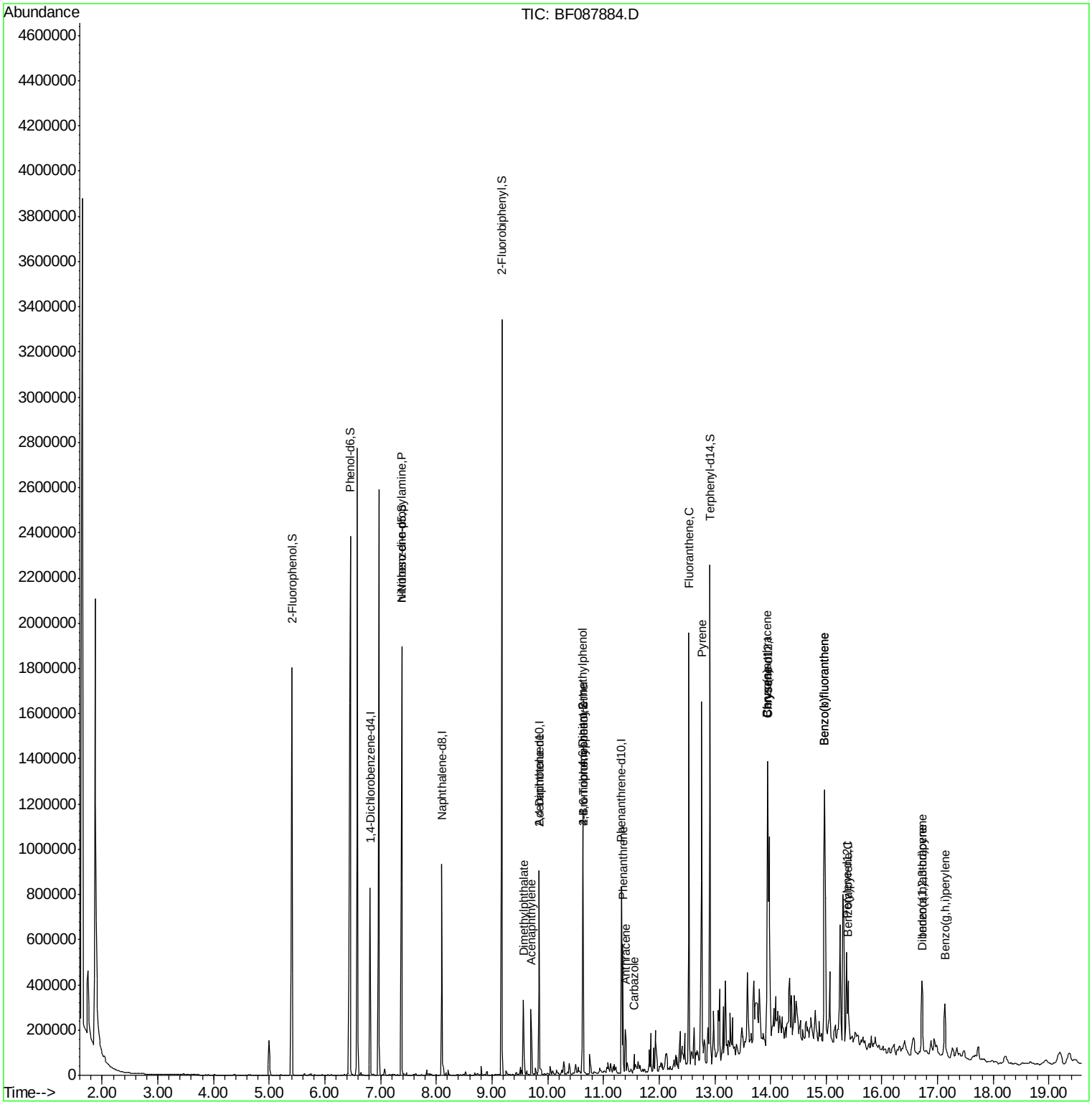
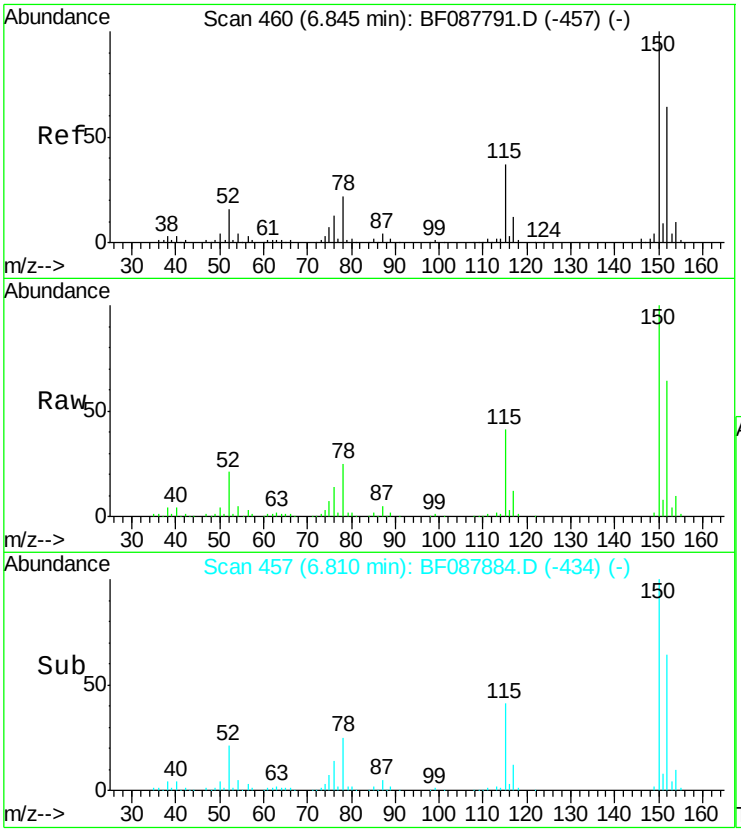


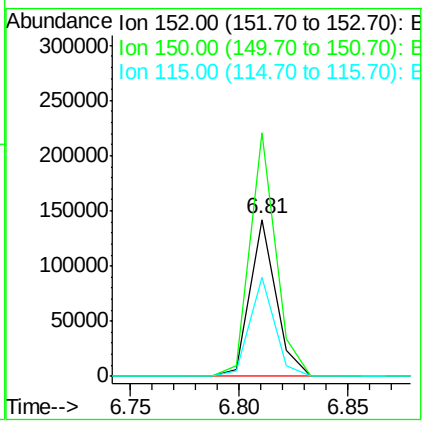


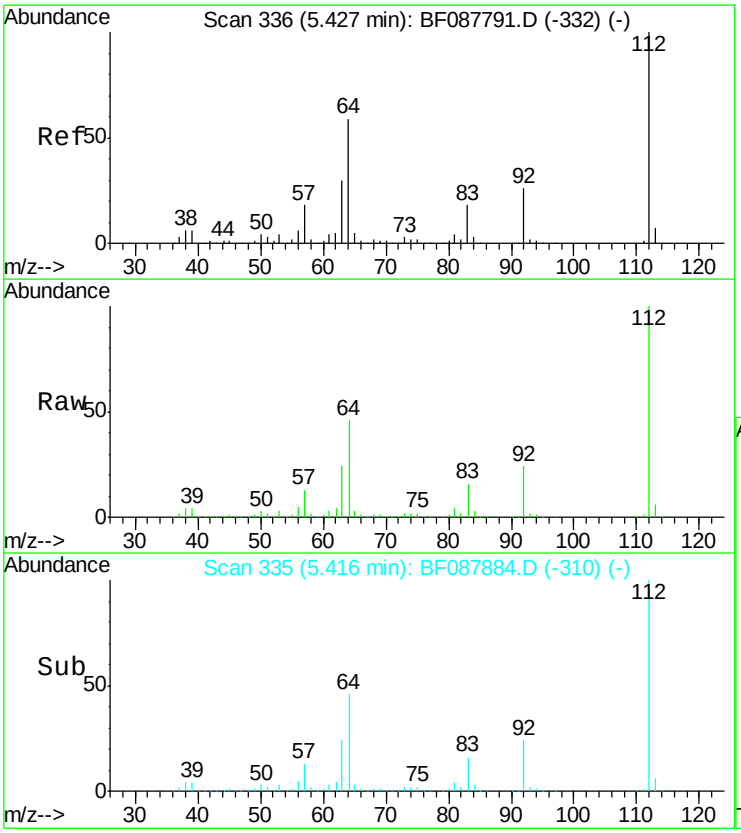
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF087884.D
Acq: 10 Jun 2016 19:50

Instrument :
BNA_F
ClientSampleId :
STA-932-PLATFORM(0-4)

Tgt Ion:152 Resp: 117220

Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.8	185.6
115	63.2	39.6	59.4#

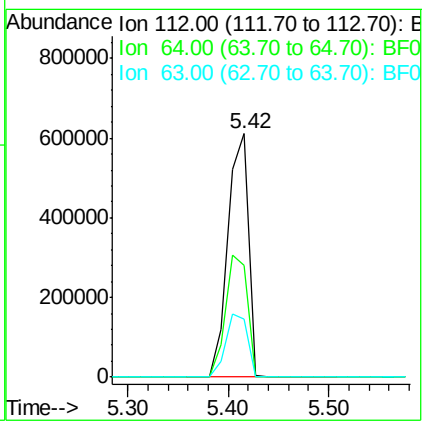


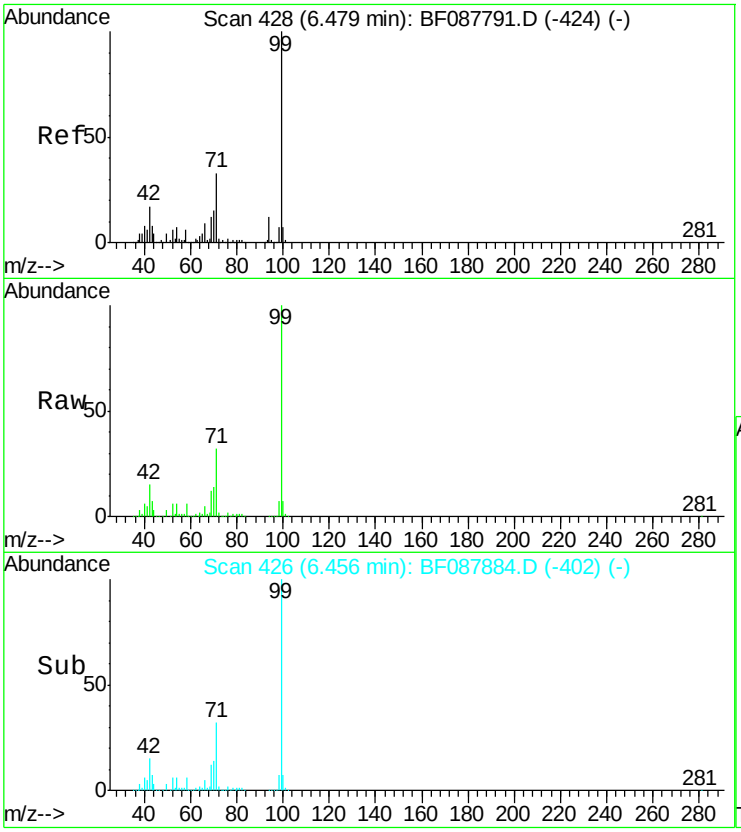


#5
2-Fluorophenol
Concen: 126.11 ng
RT: 5.42 min Scan# 335
Delta R.T. -0.01 min
Lab File: BF087884.D
Acq: 10 Jun 2016 19:50

Tgt Ion:112 Resp: 864738

Ion	Ratio	Lower	Upper
112	100		
64	45.8	42.2	63.2
63	23.7	21.8	32.8



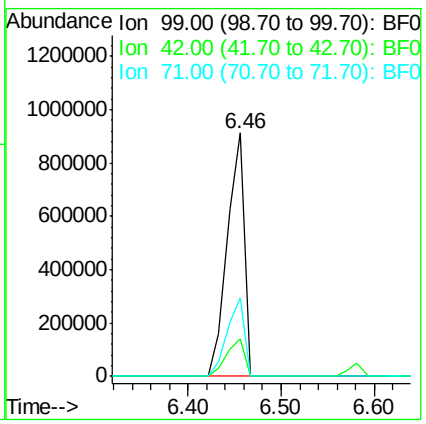


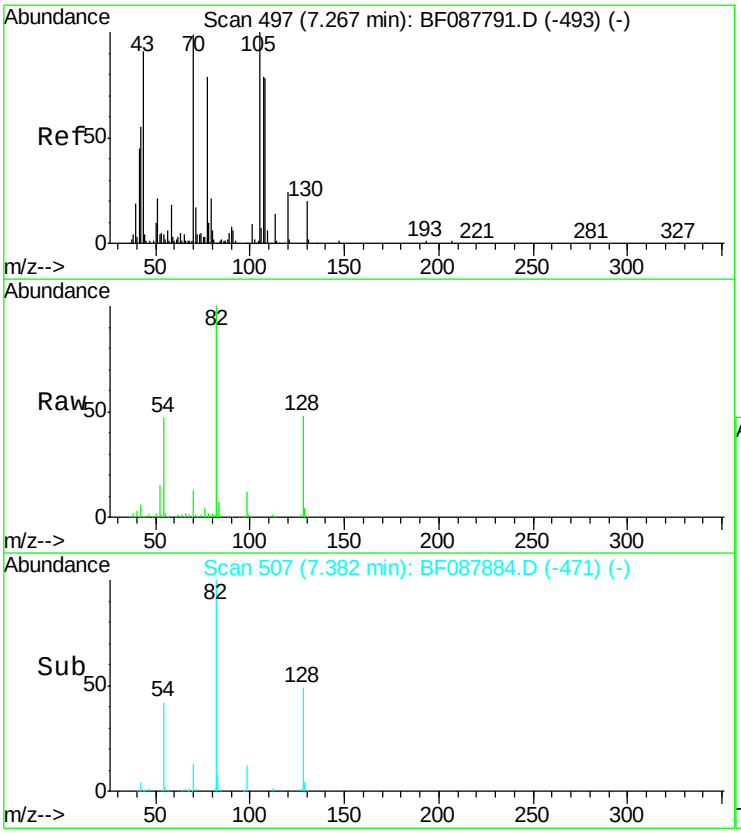
#7
Phenol-d6
Concen: 141.28 ng
RT: 6.46 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF087884.D
Acq: 10 Jun 2016 19:50

Instrument :
BNA_F
ClientSampleId :
STA-932-PLATFORM(0-4)

Tgt Ion: 99 Resp: 1173988

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.2	18.2
71	32.2	23.4	35.0

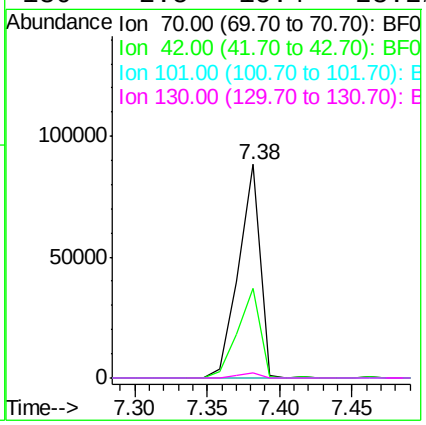


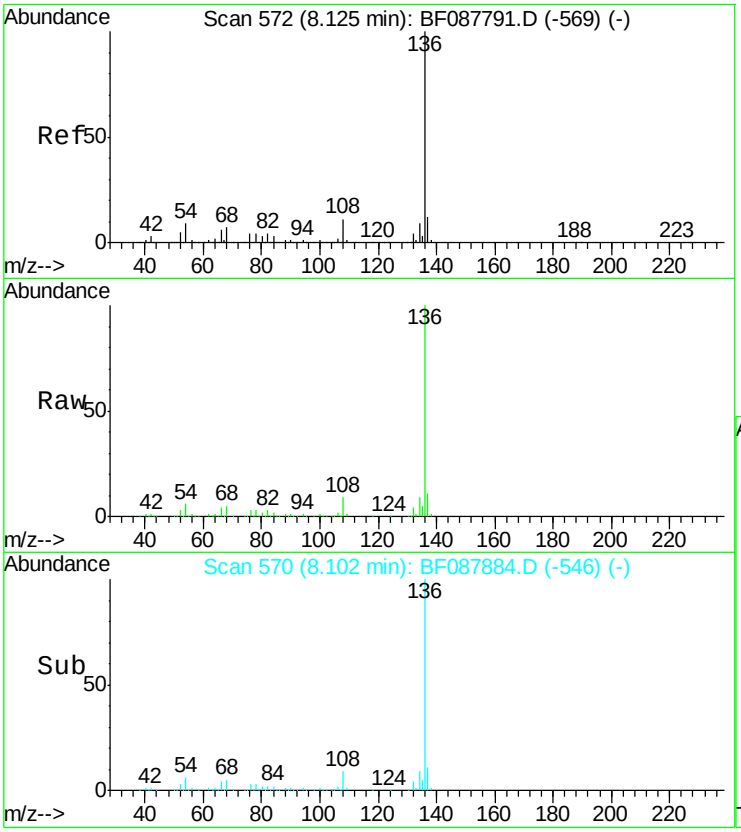


#19
n-Nitroso-di-n-propylamine
Concen: 17.23 ng
RT: 7.38 min Scan# 507
Delta R.T. 0.11 min
Lab File: BF087884.D
Acq: 10 Jun 2016 19:50

Tgt Ion: 70 Resp: 91577

Ion	Ratio	Lower	Upper
70	100		
42	42.0	49.6	74.4#
101	0.0	7.1	10.7#
130	2.5	15.4	23.2#



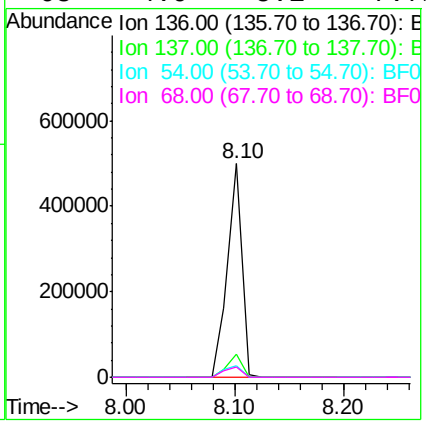


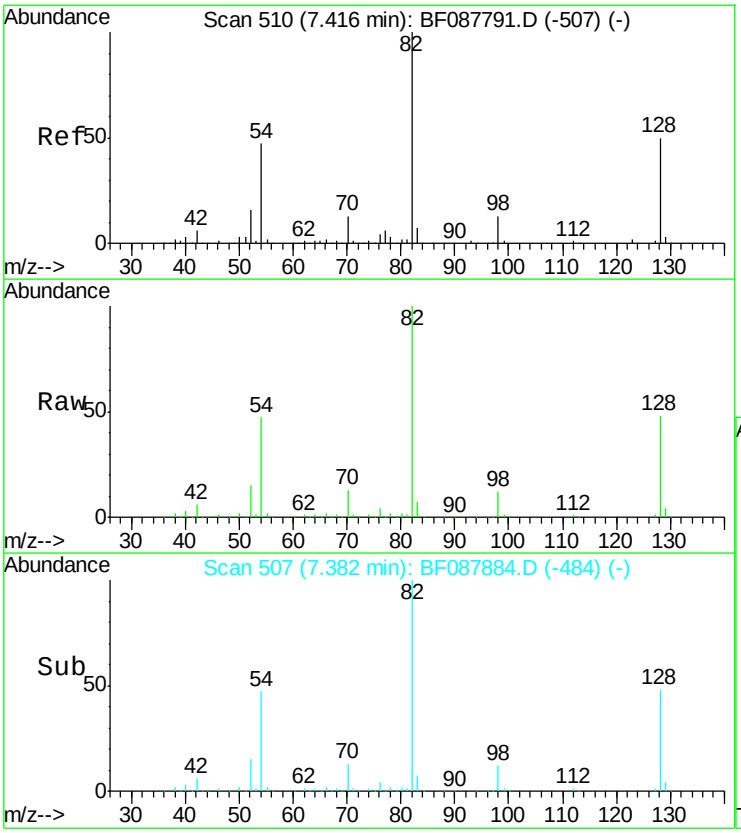
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF087884.D
Acq: 10 Jun 2016 19:50

Instrument :
BNA_F
ClientSampleId :
STA-932-PLATFORM(0-4)

Tgt Ion:136 Resp: 460849

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	5.6	6.6	10.0#
68	4.9	5.1	7.7#

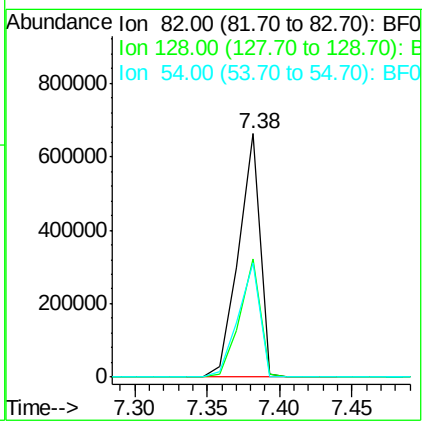


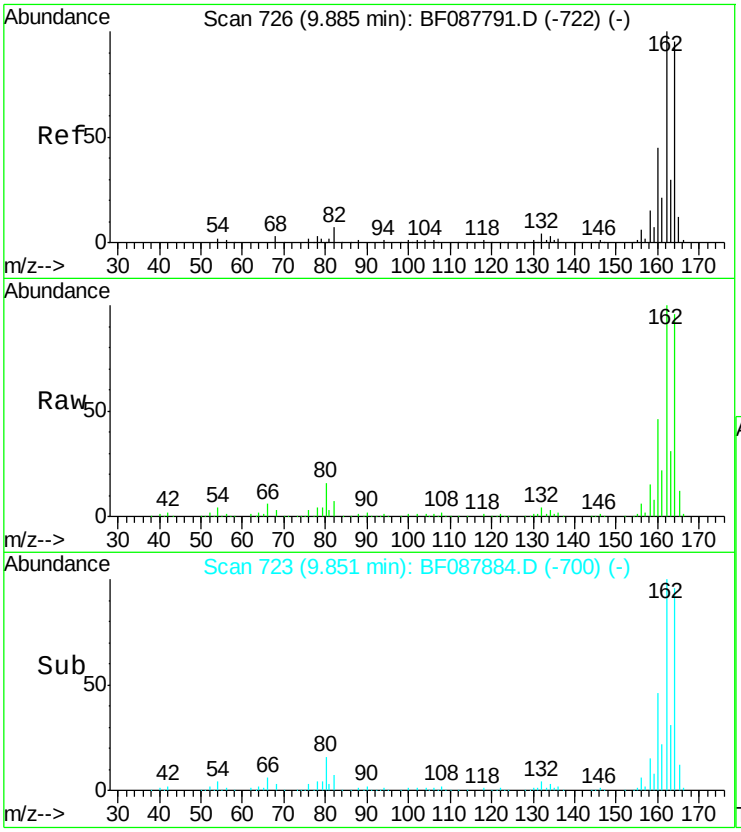


#23
Nitrobenzene-d5
Concen: 86.49 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.03 min
Lab File: BF087884.D
Acq: 10 Jun 2016 19:50

Tgt Ion: 82 Resp: 682616

Ion	Ratio	Lower	Upper
82	100		
128	48.5	35.9	53.9
54	46.9	40.9	61.3



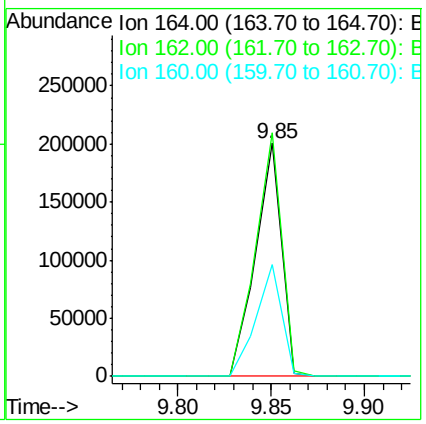


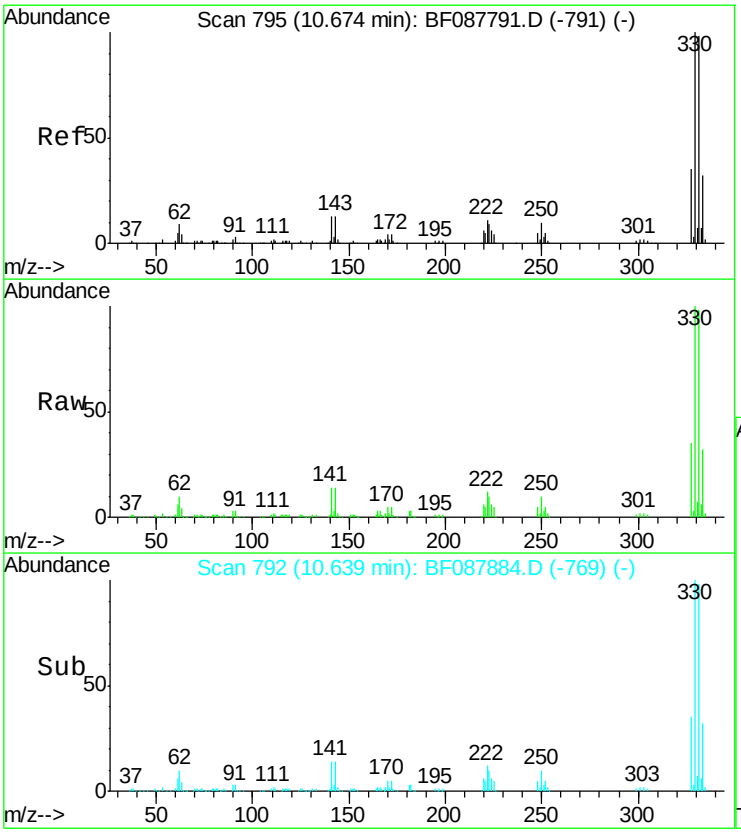
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF087884.D
Acq: 10 Jun 2016 19:50

Instrument :
BNA_F
ClientSampleId :
STA-932-PLATFORM(0-4)

Tgt Ion:164 Resp: 192163

Ion	Ratio	Lower	Upper
164	100		
162	104.5	85.4	128.2
160	47.9	39.5	59.3

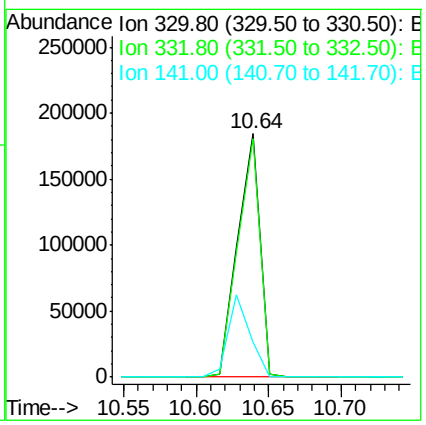


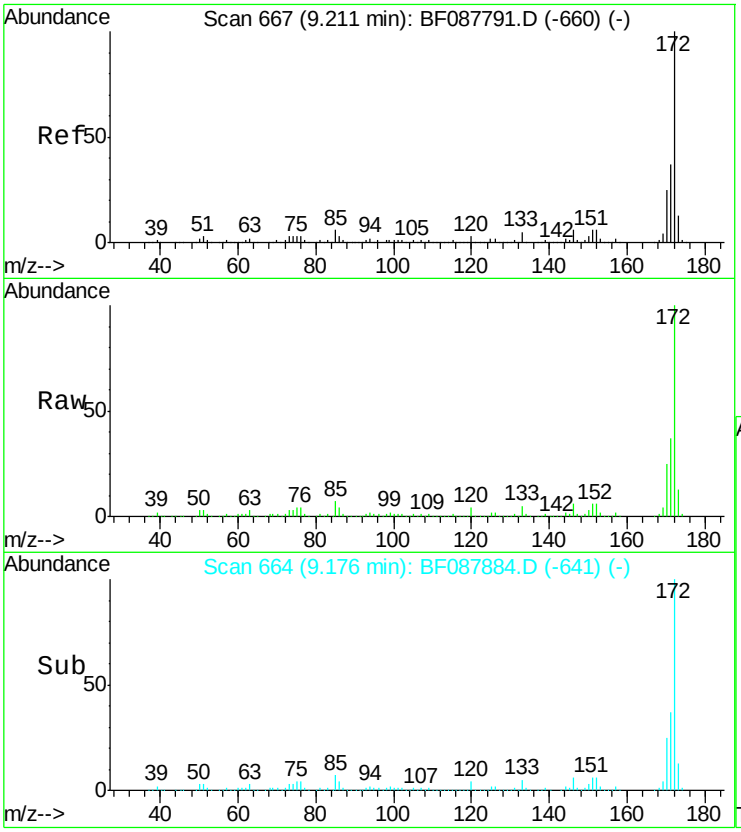


#41
2,4,6-Tribromophenol
Concen: 97.51 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.03 min
Lab File: BF087884.D
Acq: 10 Jun 2016 19:50

Tgt Ion:330 Resp: 197843

Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	33.8	0.0	0.0#



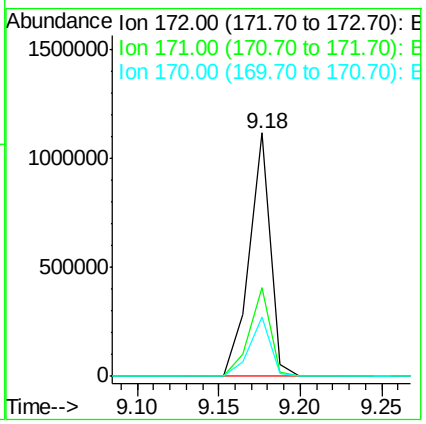


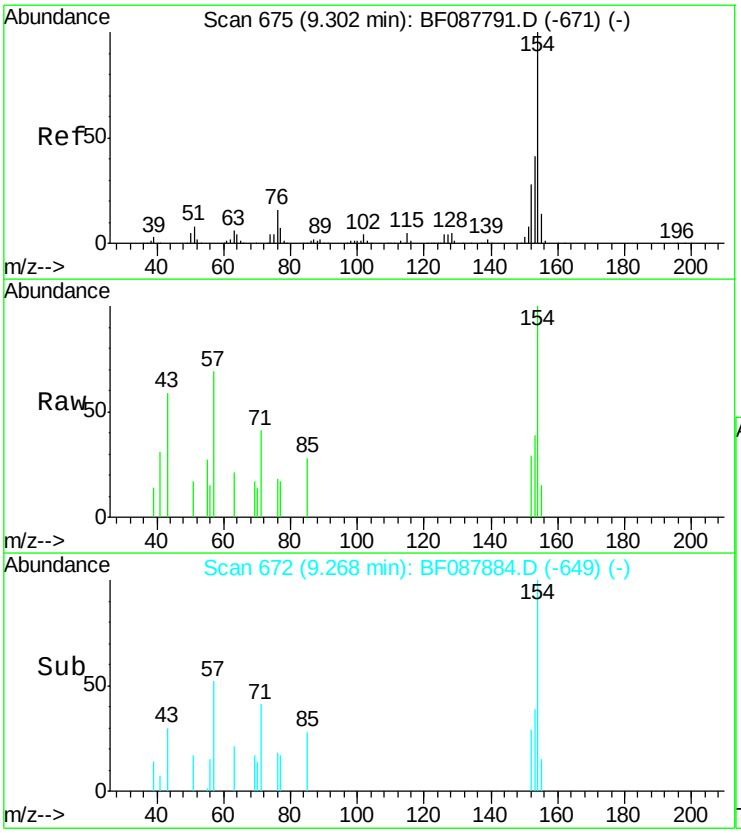
#44
2-Fluorobiphenyl
Concen: 81.56 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF087884.D
Acq: 10 Jun 2016 19:50

Instrument :
BNA_F
ClientSampleId :
STA-932-PLATFORM(0-4)

Tgt Ion:172 Resp: 1000434

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	43.0
170	24.6	19.2	28.8

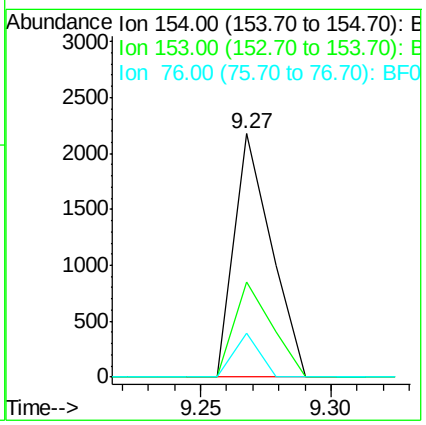


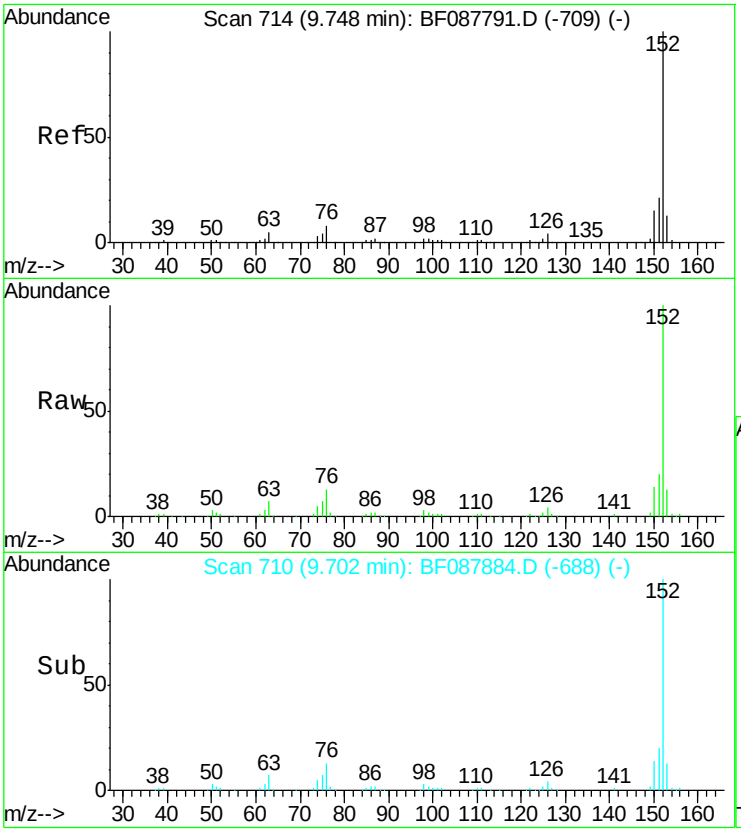


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.27 min Scan# 672
Delta R.T. -0.03 min
Lab File: BF087884.D
Acq: 10 Jun 2016 19:50

Tgt Ion:154 Resp: 2179

Ion	Ratio	Lower	Upper
154	100		
153	38.9	20.6	60.6
76	18.1	0.0	35.1



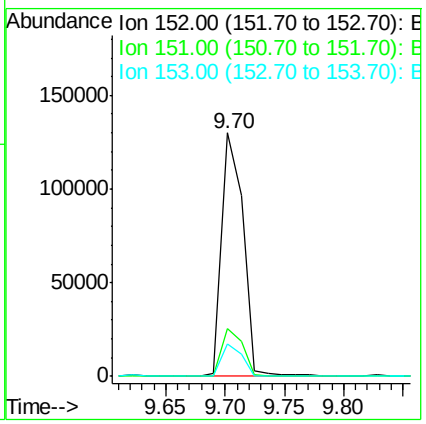


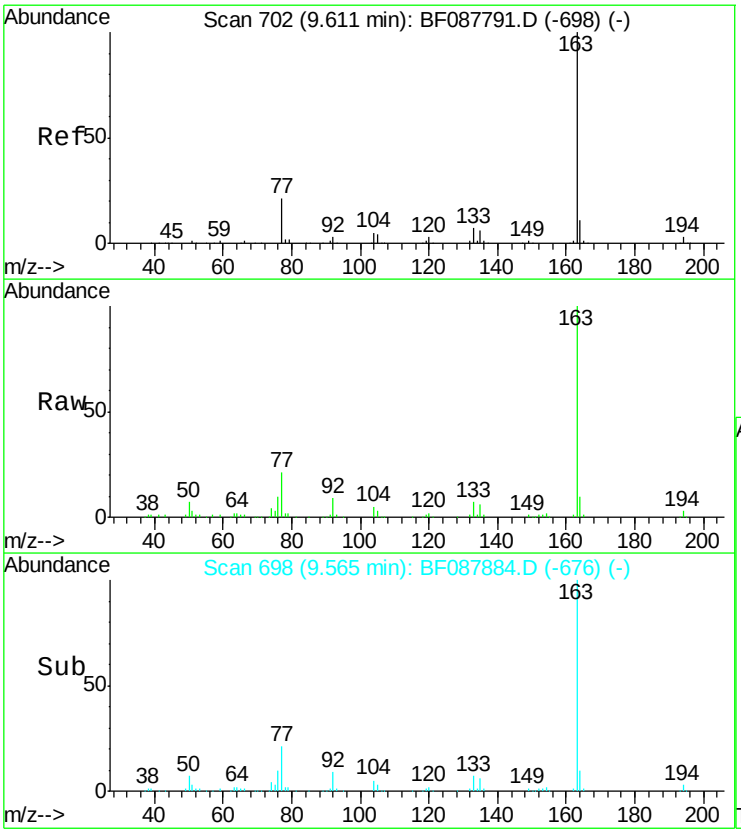
#48
Acenaphthylene
Concen: 8.19 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.05 min
Lab File: BF087884.D
Acq: 10 Jun 2016 19:50

Instrument :
BNA_F
ClientSampleId :
STA-932-PLATFORM(0-4)

Tgt Ion:152 Resp: 161921

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.4
153	13.2	11.0	16.6

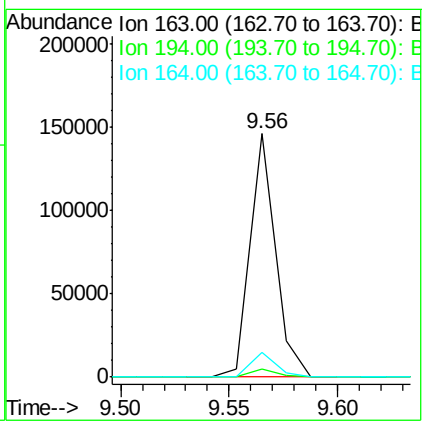


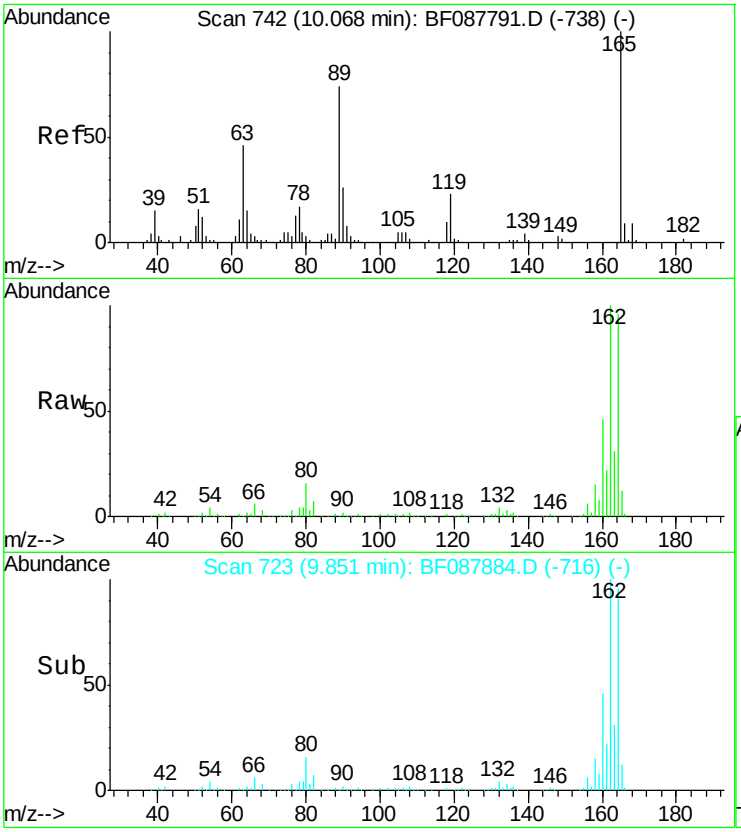


#49
Dimethylphthalate
Concen: 8.50 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.05 min
Lab File: BF087884.D
Acq: 10 Jun 2016 19:50

Tgt Ion:163 Resp: 118286

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.1	8.3	12.5



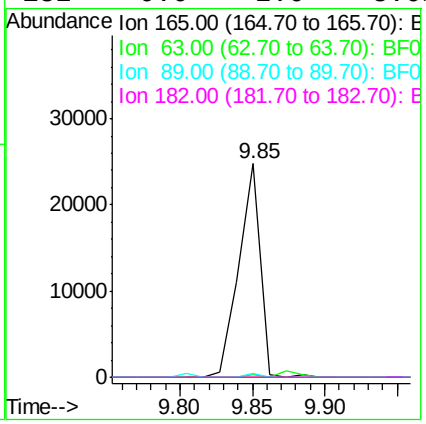


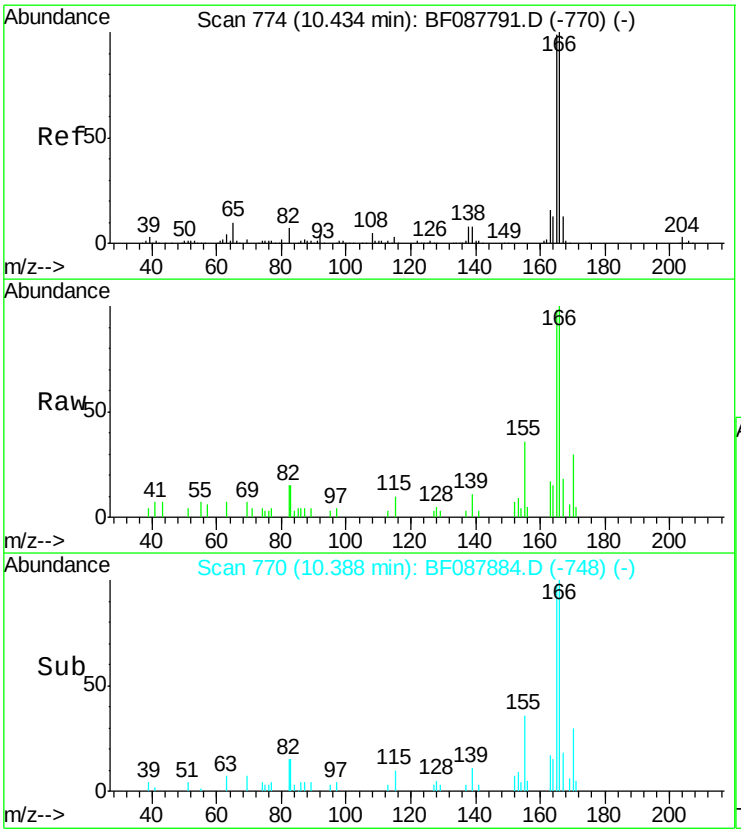
#56
2,4-Dinitrotoluene
Concen: 6.22 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.22 min
Lab File: BF087884.D
Acq: 10 Jun 2016 19:50

Instrument :
BNA_F
ClientSampleId :
STA-932-PLATFORM(0-4)

Tgt Ion:165 Resp: 25465

Ion	Ratio	Lower	Upper
165	100		
63	1.5	22.0	33.0#
89	1.7	41.1	61.7#
182	0.0	2.0	3.0#

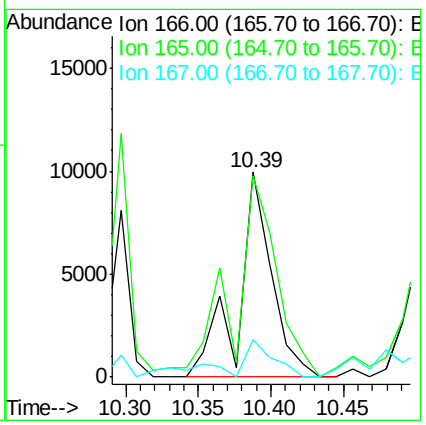


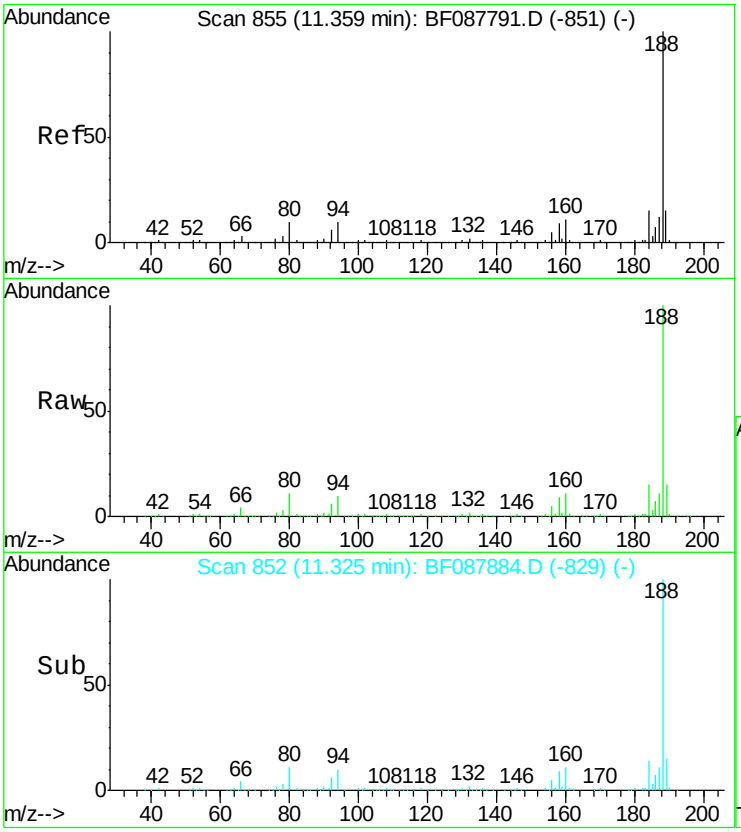


#57
Fluorene
Concen: Below Cal
RT: 10.39 min Scan# 770
Delta R.T. -0.05 min
Lab File: BF087884.D
Acq: 10 Jun 2016 19:50

Tgt Ion:166 Resp: 15932

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.8	116.8
167	18.4	11.2	16.8#



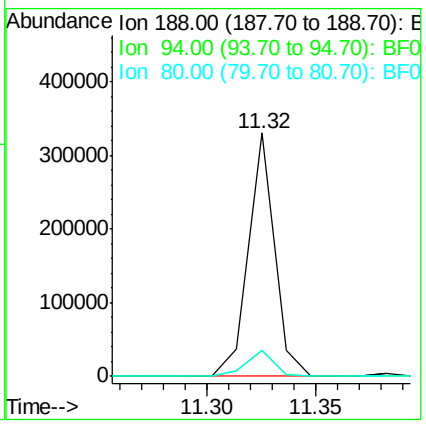


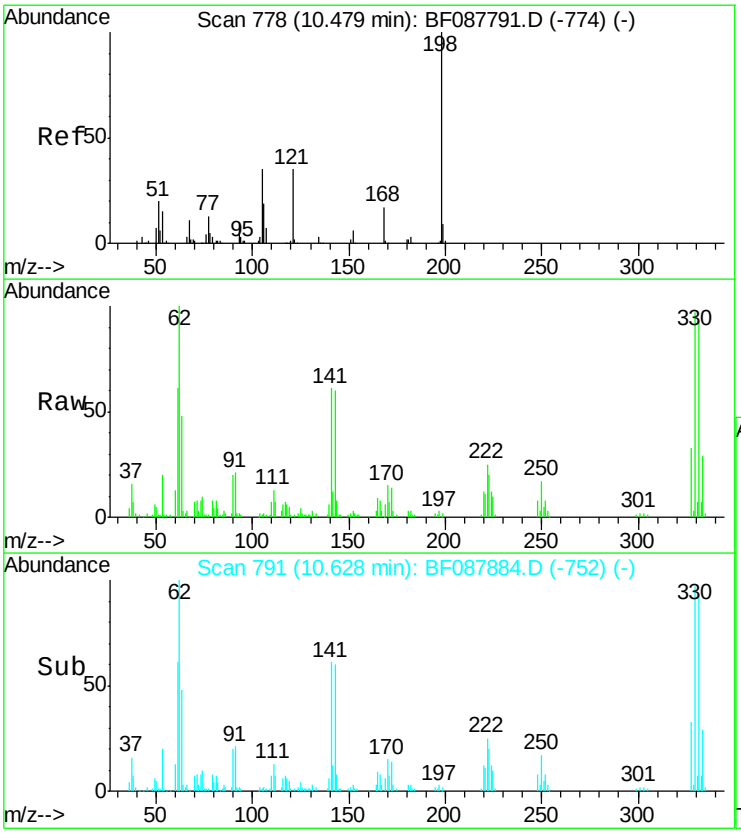
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087884.D
Acq: 10 Jun 2016 19:50

Instrument :
BNA_F
ClientSampleId :
STA-932-PLATFORM(0-4)

Tgt Ion:188 Resp: 276908

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.0	13.6
80	10.7	10.0	15.0

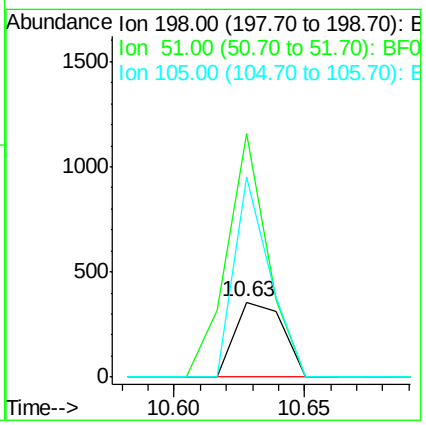


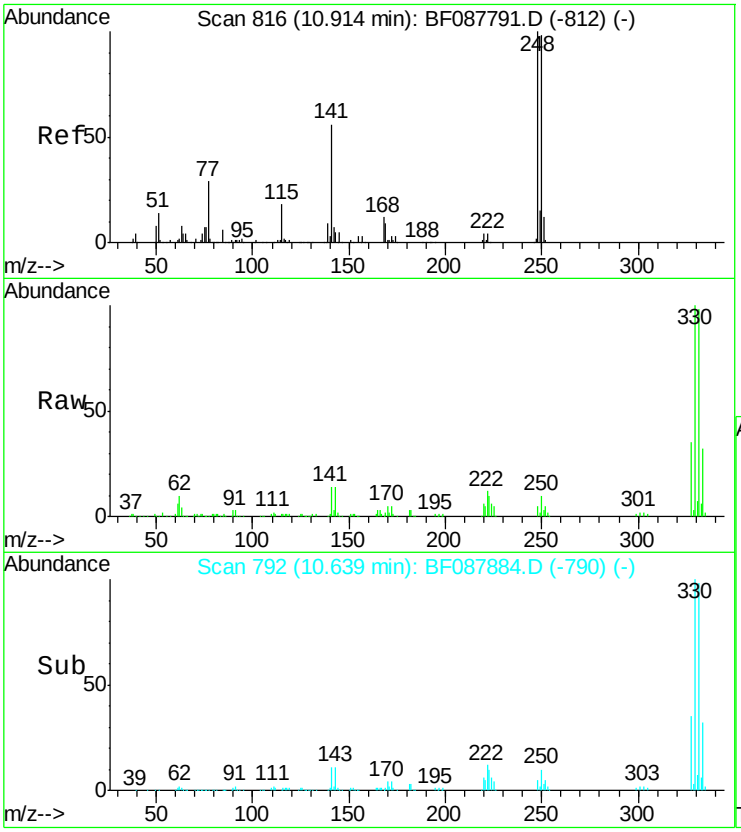


#64
4,6-Dinitro-2-methylphenol
Concen: 2.41 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.15 min
Lab File: BF087884.D
Acq: 10 Jun 2016 19:50

Tgt Ion:198 Resp: 457

Ion	Ratio	Lower	Upper
198	100		
51	325.3	39.6	79.6#
105	266.9	36.6	76.6#



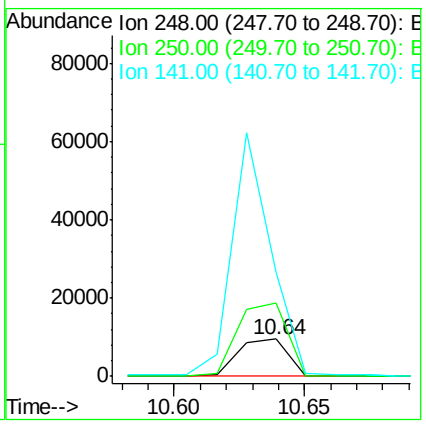


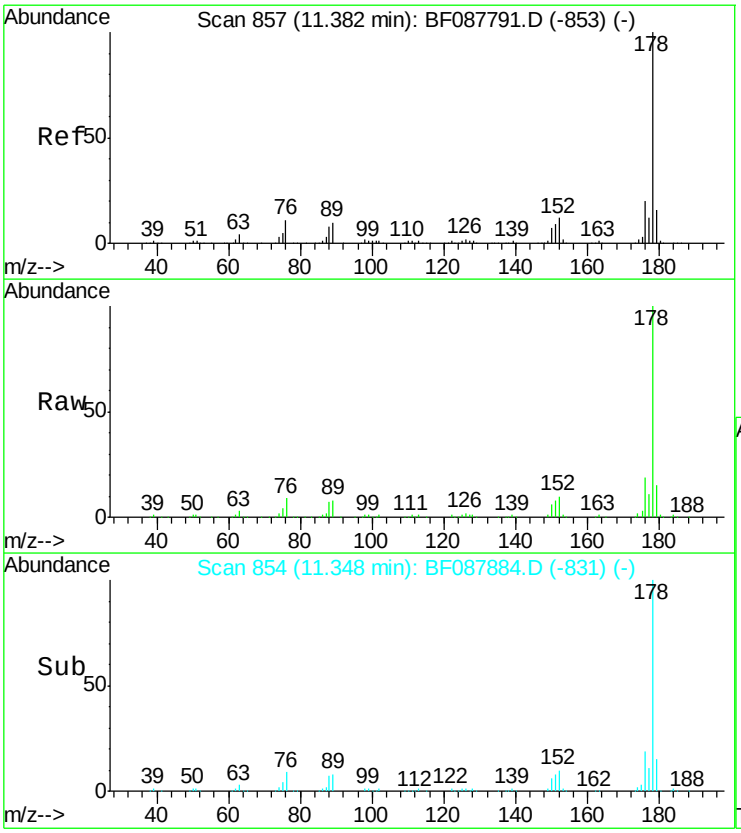
#66
4-Bromophenyl-phenylether
Concen: 4.27 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.27 min
Lab File: BF087884.D
Acq: 10 Jun 2016 19:50

Instrument :
BNA_F
ClientSampleId :
STA-932-PLATFORM(0-4)

Tgt Ion:248 Resp: 12685

Ion	Ratio	Lower	Upper
248	100		
250	197.6	77.1	115.7#
141	277.2	50.6	76.0#

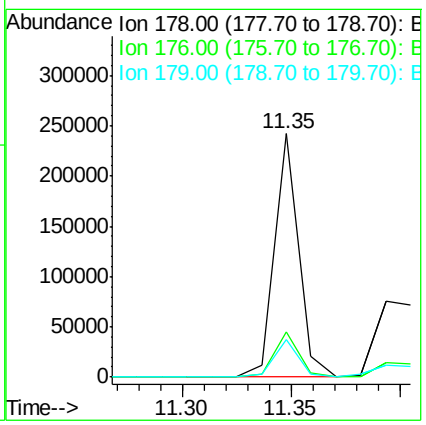


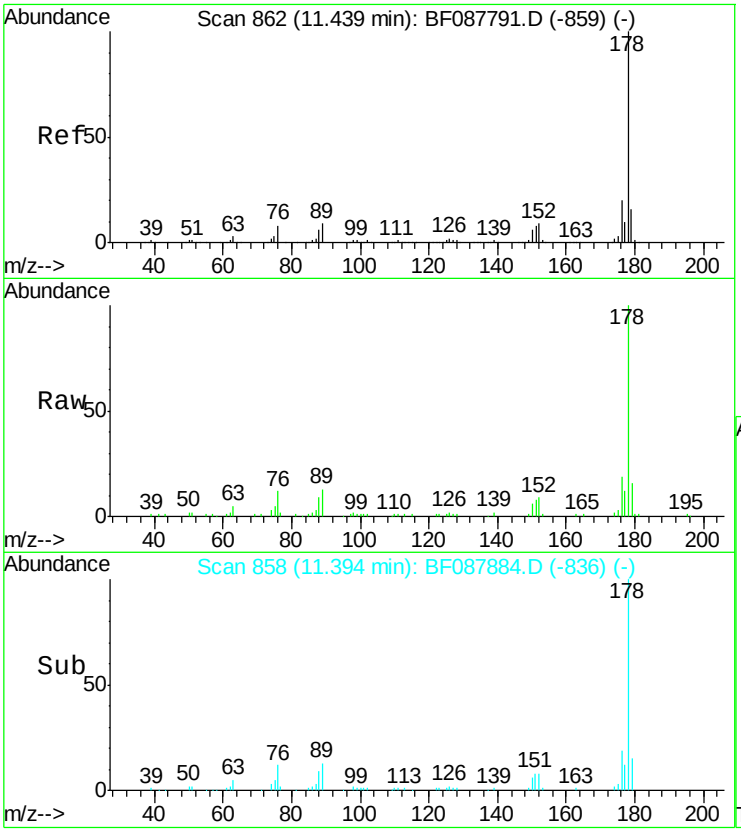


#70
Phenanthrene
Concen: 13.01 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.03 min
Lab File: BF087884.D
Acq: 10 Jun 2016 19:50

Tgt Ion:178 Resp: 189060

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.6
179	15.2	13.0	19.4



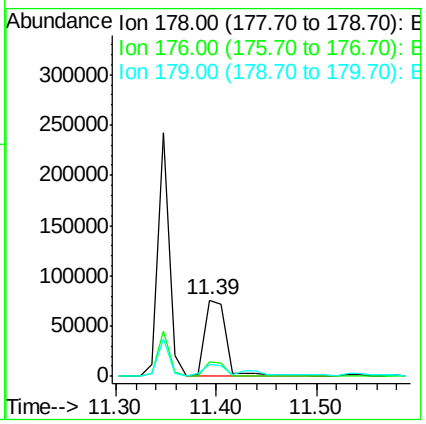


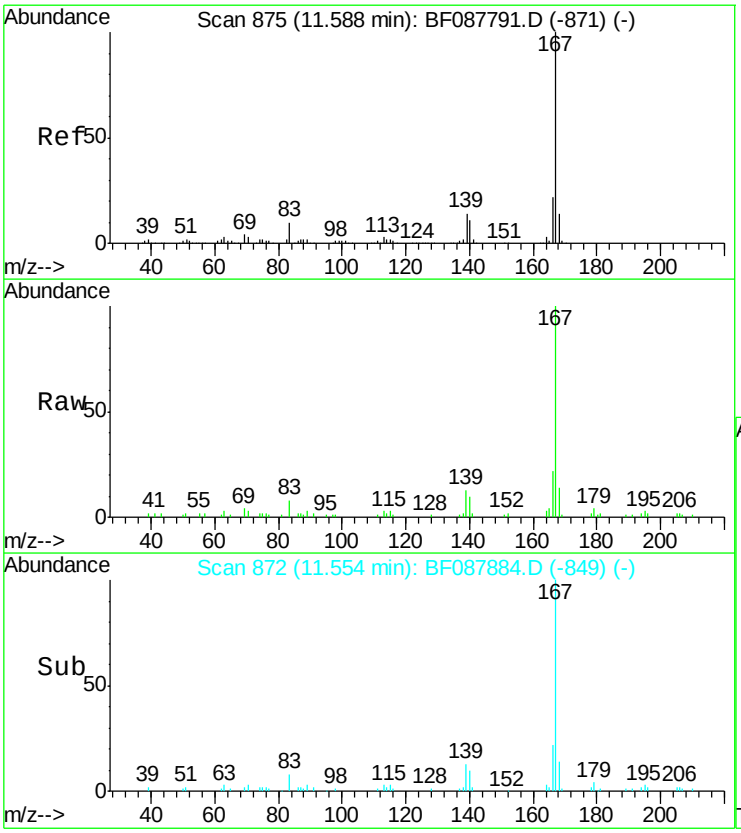
#71
Anthracene
Concen: 7.61 ng
RT: 11.39 min Scan# 858
Delta R.T. -0.05 min
Lab File: BF087884.D
Acq: 10 Jun 2016 19:50

Instrument :
BNA_F
ClientSampleId :
STA-932-PLATFORM(0-4)

Tgt Ion:178 Resp: 111507

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.6	23.4
179	15.9	12.8	19.2

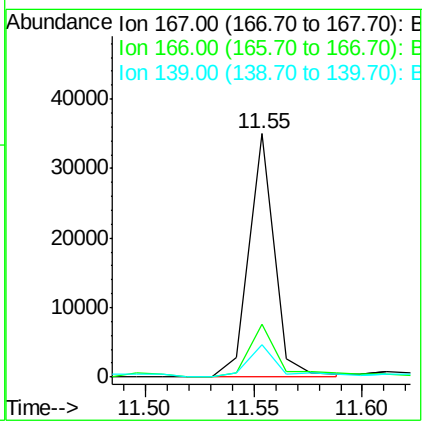


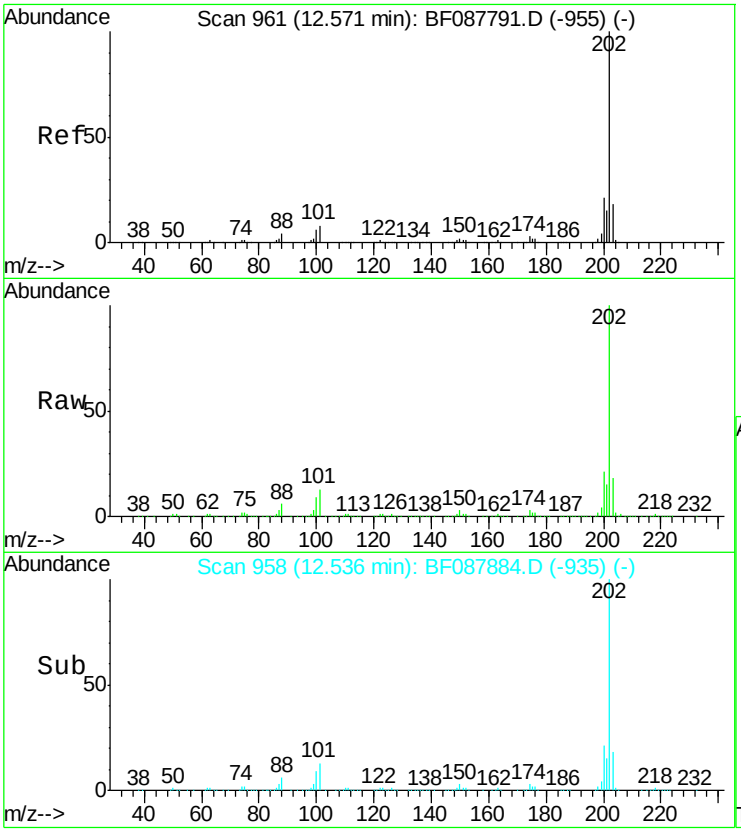


#72
Carbazole
Concen: 2.08 ng
RT: 11.55 min Scan# 872
Delta R.T. -0.03 min
Lab File: BF087884.D
Acq: 10 Jun 2016 19:50

Tgt Ion:167 Resp: 28462

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.8	26.6
139	13.2	11.2	16.8



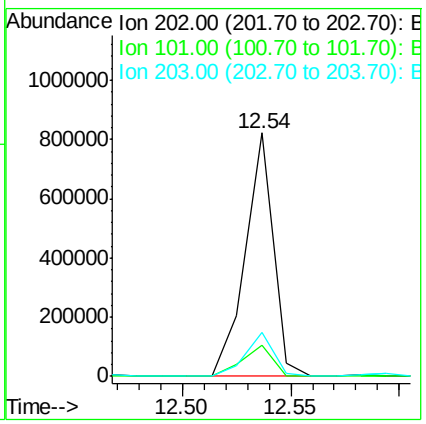


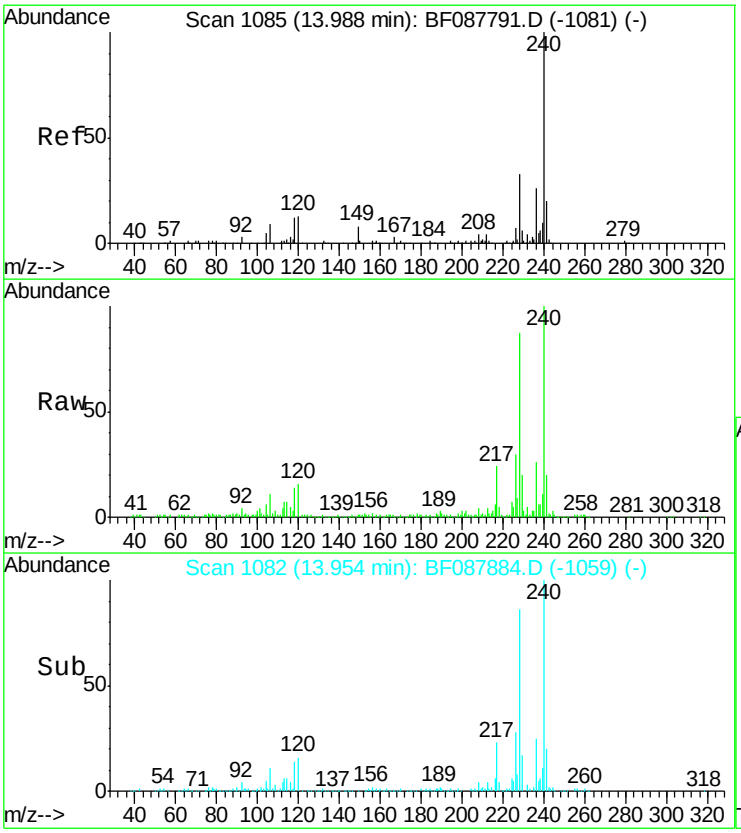
#74
Fluoranthene
Concen: 47.89 ng
RT: 12.54 min Scan# 958
Delta R.T. -0.03 min
Lab File: BF087884.D
Acq: 10 Jun 2016 19:50

Instrument :
BNA_F
ClientSampleId :
STA-932-PLATFORM(0-4)

Tgt Ion:202 Resp: 734363

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.1
203	18.2	0.0	38.1

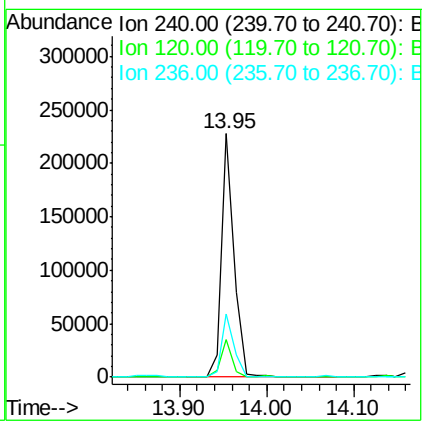


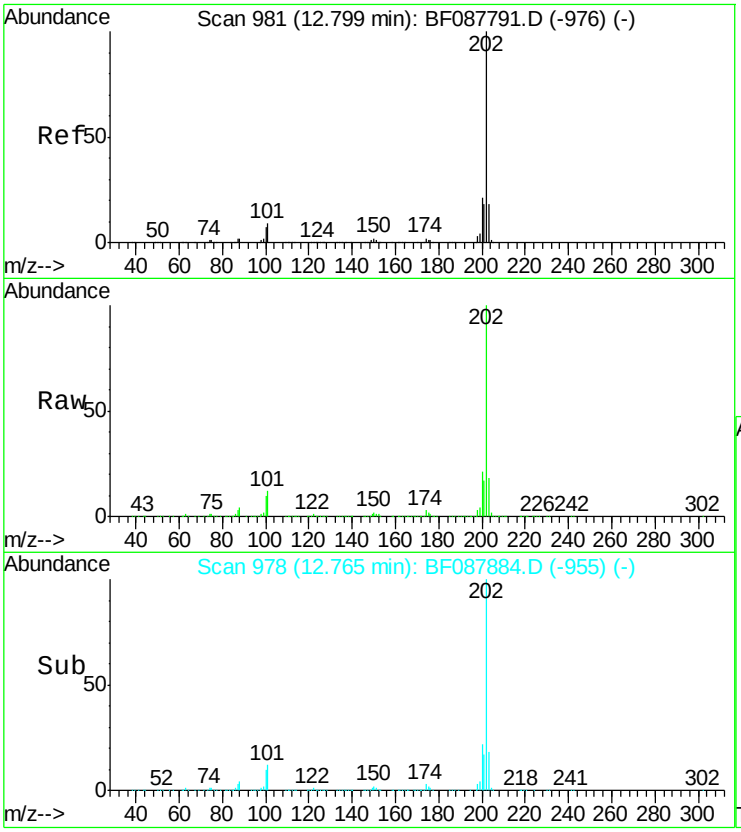


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087884.D
Acq: 10 Jun 2016 19:50

Tgt Ion:240 Resp: 228191

Ion	Ratio	Lower	Upper
240	100		
120	15.6	6.8	10.2#
236	25.7	20.2	30.2



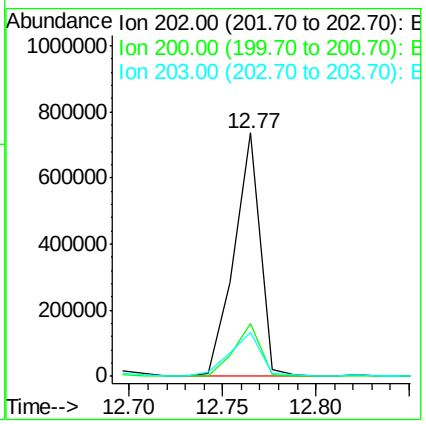


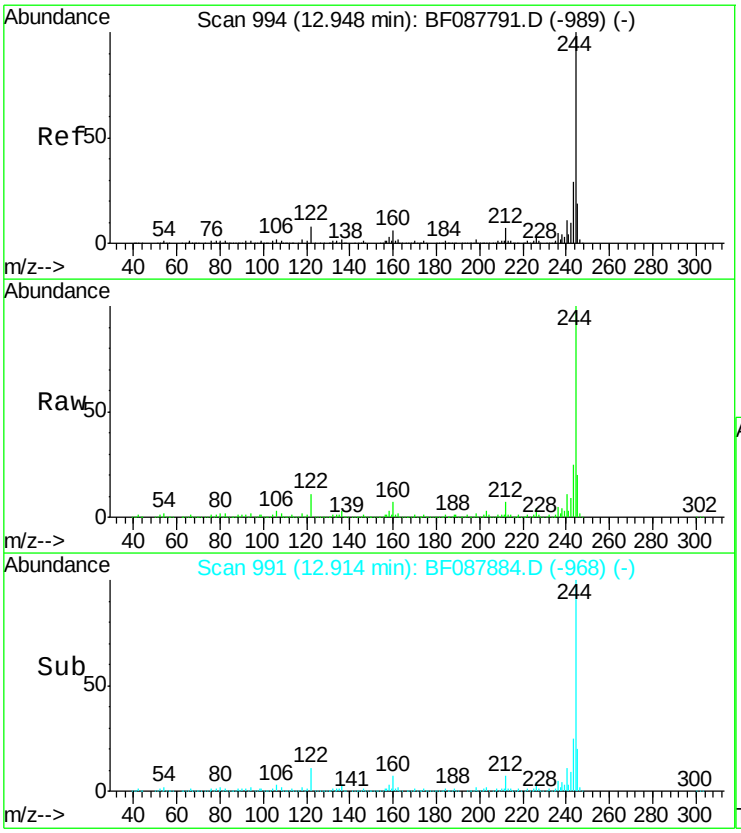
#77
Pyrene
Concen: 42.81 ng
RT: 12.77 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF087884.D
Acq: 10 Jun 2016 19:50

Instrument :
BNA_F
ClientSampleId :
STA-932-PLATFORM(0-4)

Tgt Ion:202 Resp: 724945

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	18.2	14.5	21.7

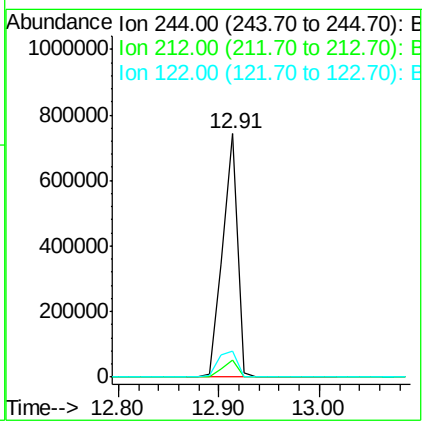


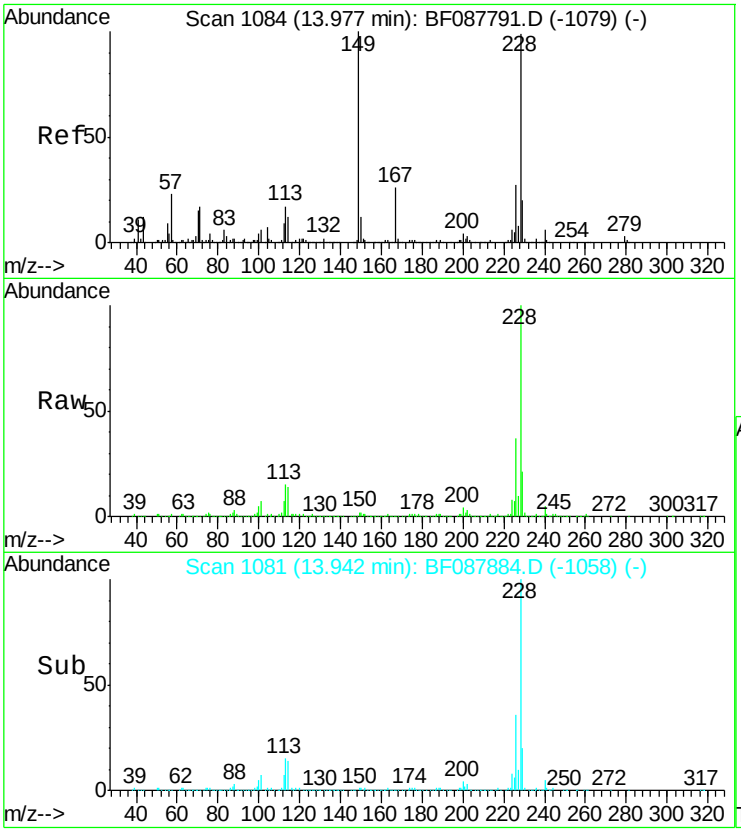


#78
Terphenyl-d14
Concen: 76.10 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.03 min
Lab File: BF087884.D
Acq: 10 Jun 2016 19:50

Tgt Ion:244 Resp: 763163

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	10.6	11.2	16.8#



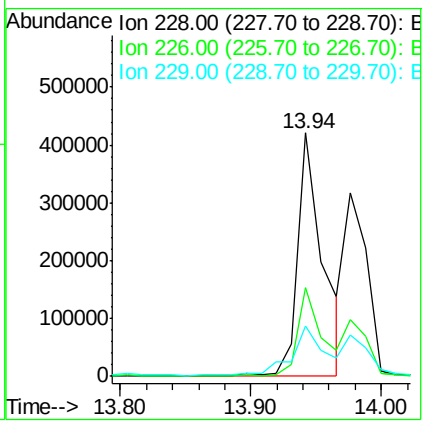


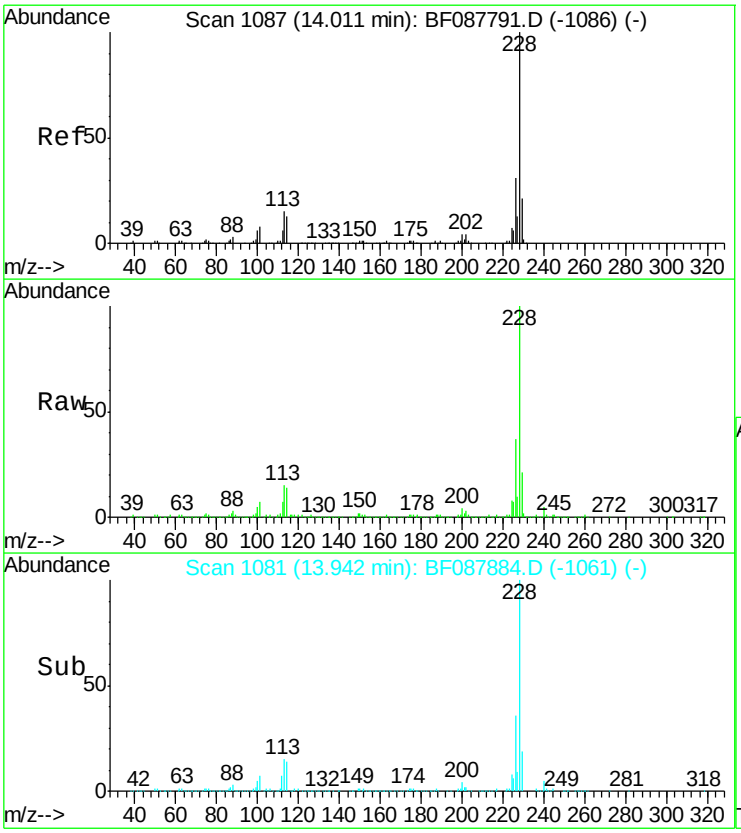
#80
Benzo(a)anthracene
Concen: 43.31 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.03 min
Lab File: BF087884.D
Acq: 10 Jun 2016 19:50

Instrument :
BNA_F
ClientSampleId :
STA-932-PLATFORM(0-4)

Tgt Ion:228 Resp: 563230

Ion	Ratio	Lower	Upper
228	100		
226	36.6	22.3	33.5#
229	20.9	16.0	24.0

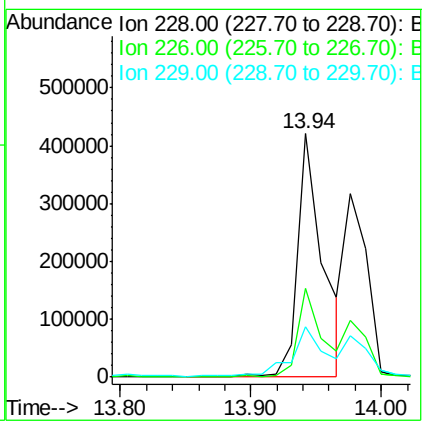


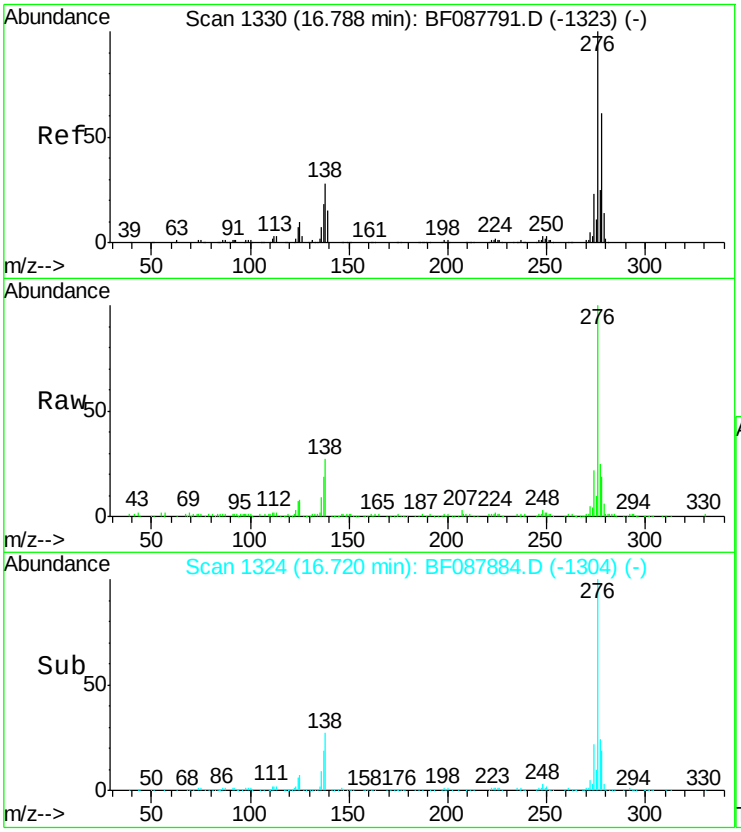


#82
Chrysene
Concen: 46.04 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.07 min
Lab File: BF087884.D
Acq: 10 Jun 2016 19:50

Tgt Ion:228 Resp: 563230

Ion	Ratio	Lower	Upper
228	100		
226	36.6	25.4	38.2
229	20.9	16.3	24.5



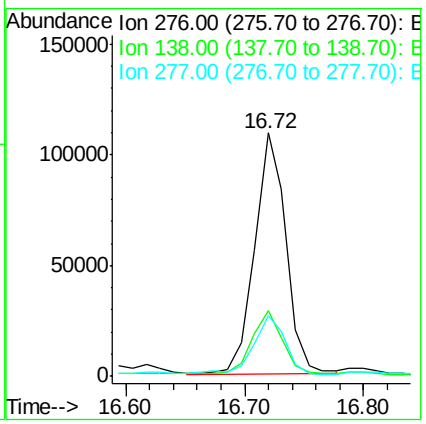


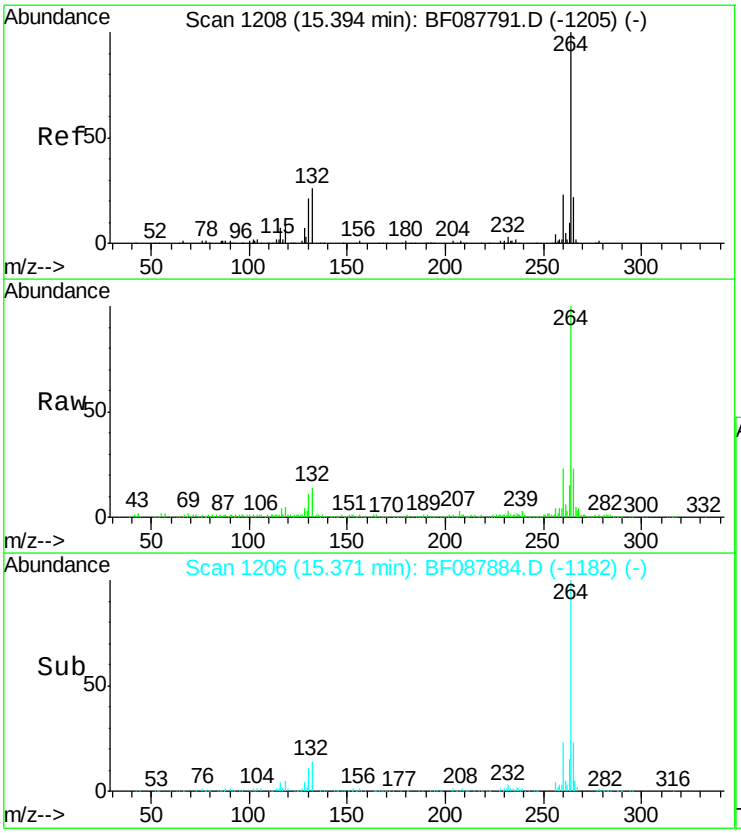
#85
Indeno(1,2,3-cd)pyrene
Concen: 17.61 ng
RT: 16.72 min Scan# 1324
Delta R.T. -0.07 min
Lab File: BF087884.D
Acq: 10 Jun 2016 19:50

Instrument :
BNA_F
ClientSampleId :
STA-932-PLATFORM(0-4)

Tgt Ion:276 Resp: 200187

Ion	Ratio	Lower	Upper
276	100		
138	26.5	0.0	0.0#
277	25.6	0.0	0.0#

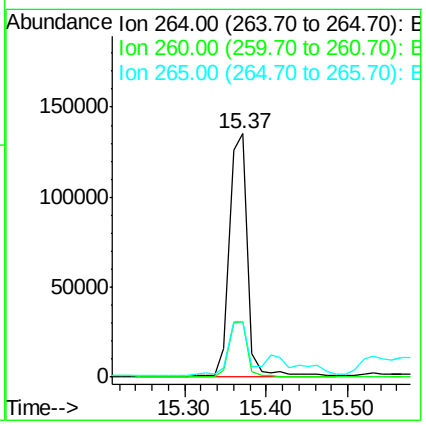


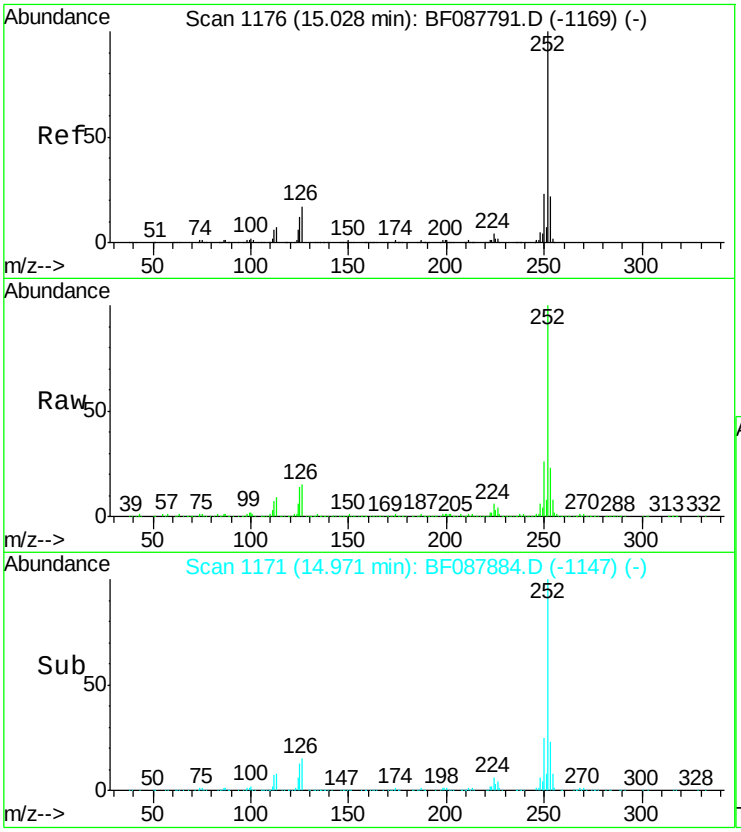


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BF087884.D
Acq: 10 Jun 2016 19:50

Tgt Ion:264 Resp: 212189

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	22.9	16.9	25.3



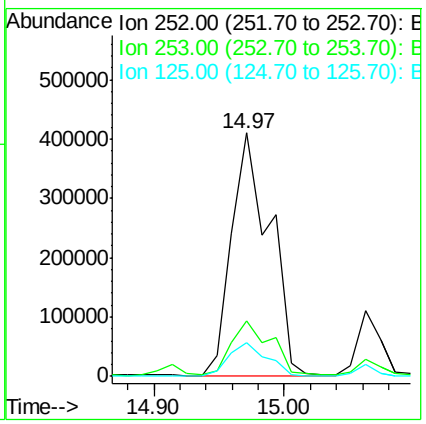


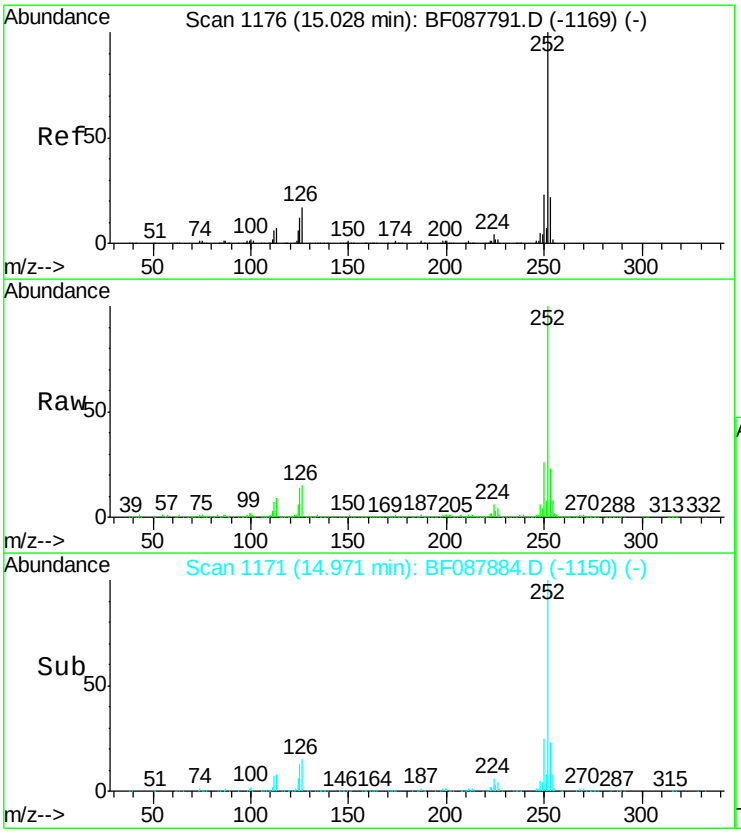
#87
Benzo(b)fluoranthene
Concen: 56.37 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BF087884.D
Acq: 10 Jun 2016 19:50

Instrument :
BNA_F
ClientSampleId :
STA-932-PLATFORM(0-4)

Tgt Ion:252 Resp: 833682

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	13.6	7.1	10.7#

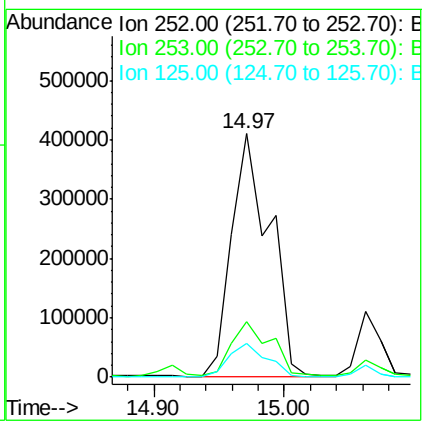


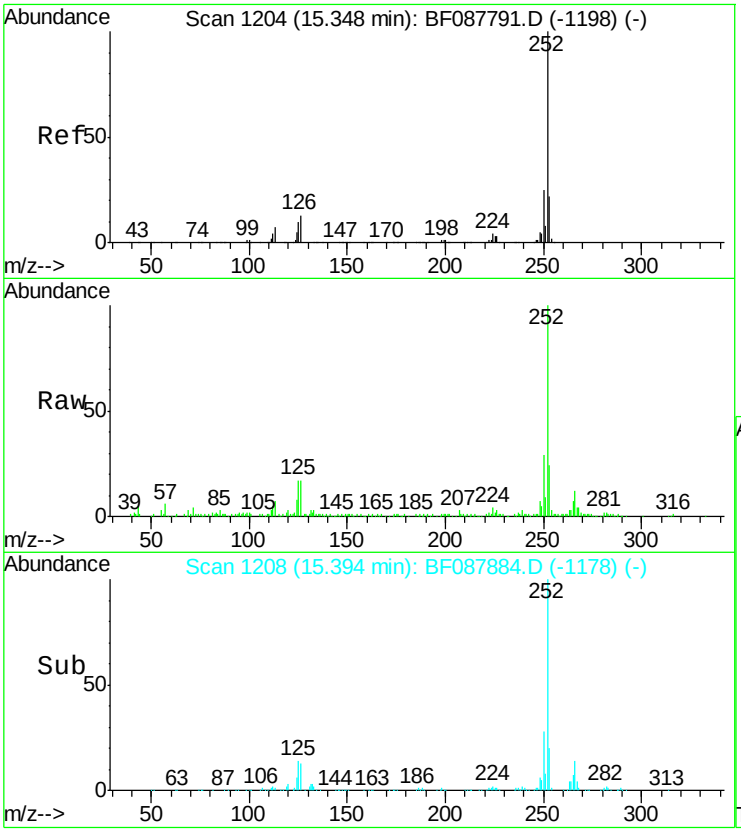


#88
Benzo(k)fluoranthene
Concen: 74.73 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.06 min
Lab File: BF087884.D
Acq: 10 Jun 2016 19:50

Tgt Ion:252 Resp: 833682

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	13.6	11.2	16.8



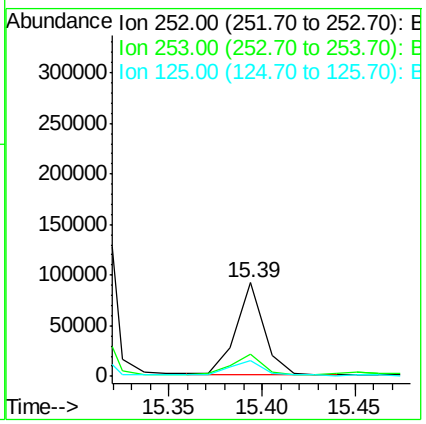


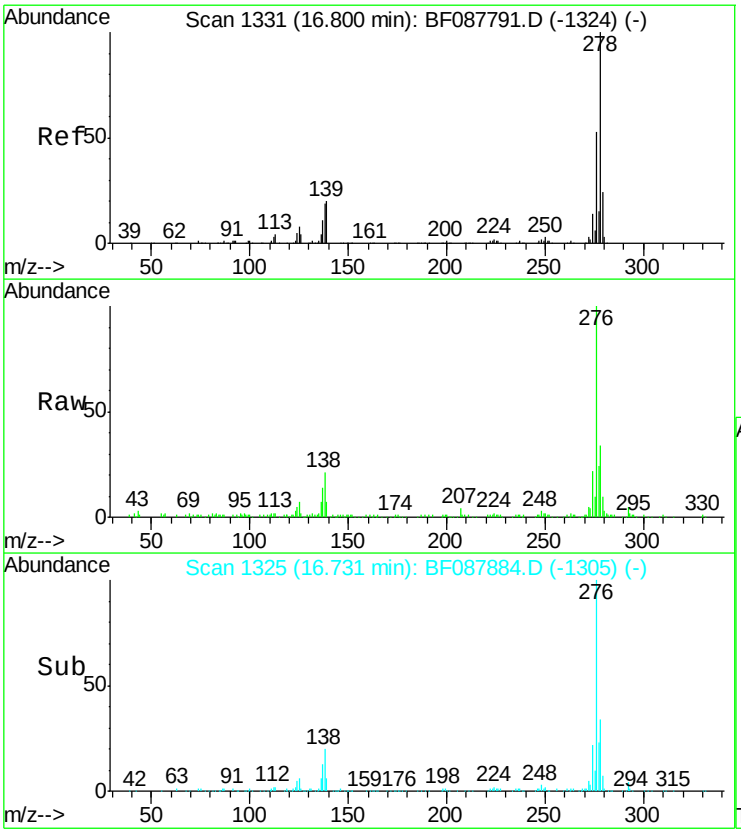
#89
Benzo(a)pyrene
Concen: 7.97 ng
RT: 15.39 min Scan# 1208
Delta R.T. 0.05 min
Lab File: BF087884.D
Acq: 10 Jun 2016 19:50

Instrument :
BNA_F
ClientSampleId :
STA-932-PLATFORM(0-4)

Tgt Ion:252 Resp: 95311

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.9	26.9
125	17.4	12.5	18.7

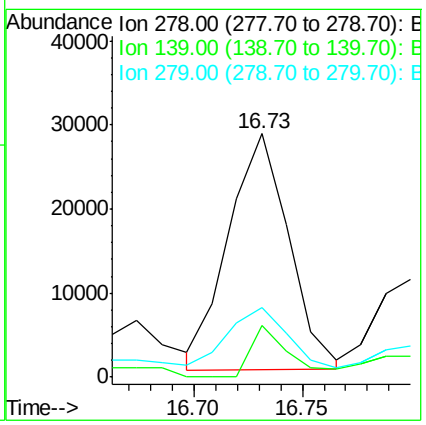


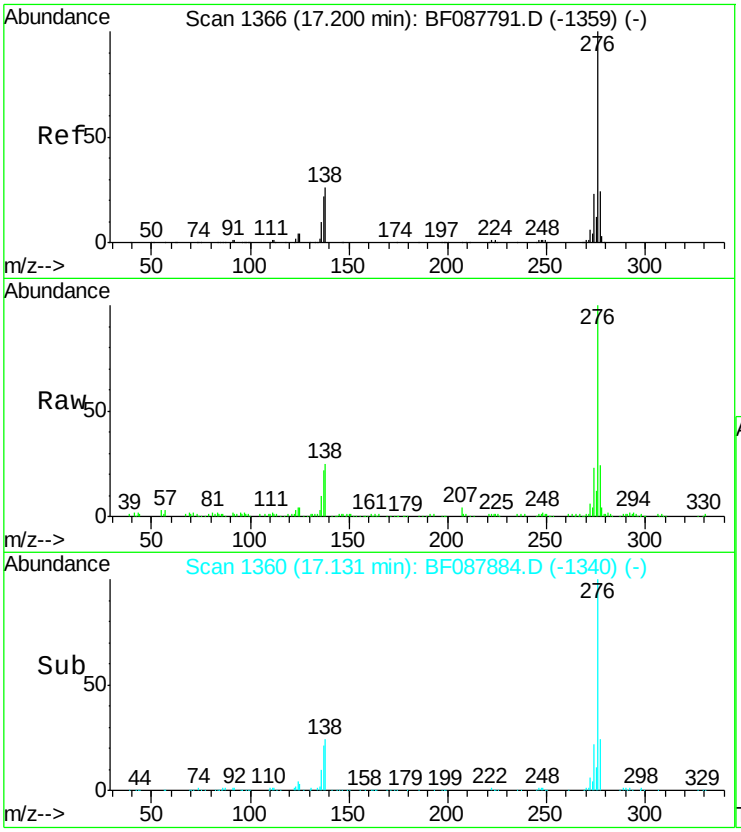


#90
Dibenzo(a,h)anthracene
Concen: 4.89 ng
RT: 16.73 min Scan# 1325
Delta R.T. -0.07 min
Lab File: BF087884.D
Acq: 10 Jun 2016 19:50

Tgt Ion:278 Resp: 54290

Ion	Ratio	Lower	Upper
278	100		
139	21.1	15.7	23.5
279	28.5	19.4	29.2





#91
Benzo(g,h,i)perylene
Concen: 14.60 ng
RT: 17.13 min Scan# 1360
Delta R.T. -0.07 min
Lab File: BF087884.D
Acq: 10 Jun 2016 19:50

Instrument :
BNA_F
ClientSampleId :
STA-932-PLATFORM(0-4)

Tgt Ion:276 Resp: 166921

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.9	28.3
138	24.7	21.4	32.2