Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061016\
Data File : BF087888.D
Acq On : 10 Jun 2016 21:46
Operator : UM/SJ
Sample : H3395-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-953-PLATFORM(0-4)

Quant Time: Jun 11 02:01:21 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	105849	20.00	ng		-0.03
21) Naphthalene-d8	8.10	136	458240	20.00	ng		-0.02
38) Acenaphthene-d10	9.85	164	191995	20.00	ng		-0.03
63) Phenanthrene-d10	11.33	188	289163	20.00	ng		-0.03
75) Chrysene-d12	13.97	240	205173	20.00	ng		-0.02
86) Perylene-d12	15.37	264	201200	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	659863	106.57	ng		-0.01
7) Phenol-d6	6.44	99	832395	110.93	ng		-0.03
23) Nitrobenzene-d5	7.38	82	488659	62.27	ng		-0.03
41) 2,4,6-Tribromophenol	10.64	330	155318	76.61	ng		-0.03
44) 2-Fluorobiphenyl	9.18	172	803997	64.44	ng		-0.03
78) Terphenyl-d14	12.91	244	517195	57.36	ng		-0.03
Target Compounds							Qvalue
10) Phenol	6.46	94	4229	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.38	70	62856	13.09	ng	#	69
45) 1,1'-Biphenyl	9.27	154	1737	Below Cal			84
48) Acenaphthylene	9.71	152	347031	17.56	ng		98
49) Dimethylphthalate	9.56	163	114582	8.24	ng		100
57) Fluorene	10.39	166	30662	Below Cal			98
64) 4,6-Dinitro-2-methylphenol	10.63	198	265	2.30	ng	#	1
66) 4-Bromophenyl-phenylether	10.63	248	9470	3.05	ng	#	1
70) Phenanthrene	11.35	178	236784	15.60	ng		99
71) Anthracene	11.41	178	256183	16.74	ng		97
72) Carbazole	11.55	167	31400	2.19	ng		97
74) Fluoranthene	12.55	202	1736459	108.44	ng		99
77) Pyrene	12.78	202	1622419	106.56	ng		99
80) Benzo(a)anthracene	13.95	228	1729976	147.96	ng	#	92
82) Chrysene	13.95	228	1729976	157.27	ng		97
85) Indeno(1,2,3-cd)pyrene	16.73	276	373159	36.51	ng	#	100
87) Benzo(b)fluoranthene	14.98	252	1519837	108.38	ng	#	95
88) Benzo(k)fluoranthene	14.98	252	1519837	143.67	ng		99
89) Benzo(a)pyrene	15.41	252	210104	18.52	ng		98
90) Dibenzo(a,h)anthracene	16.74	278	103097	9.78	ng		95
91) Benzo(g,h,i)perylene	17.14	276	297721	27.47	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061016\
Data File : BF087888.D
Acq On : 10 Jun 2016 21:46
Operator : UM/SJ
Sample : H3395-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STA-953-PLATFORM(0-4)

Quant Time: Jun 11 02:01:21 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
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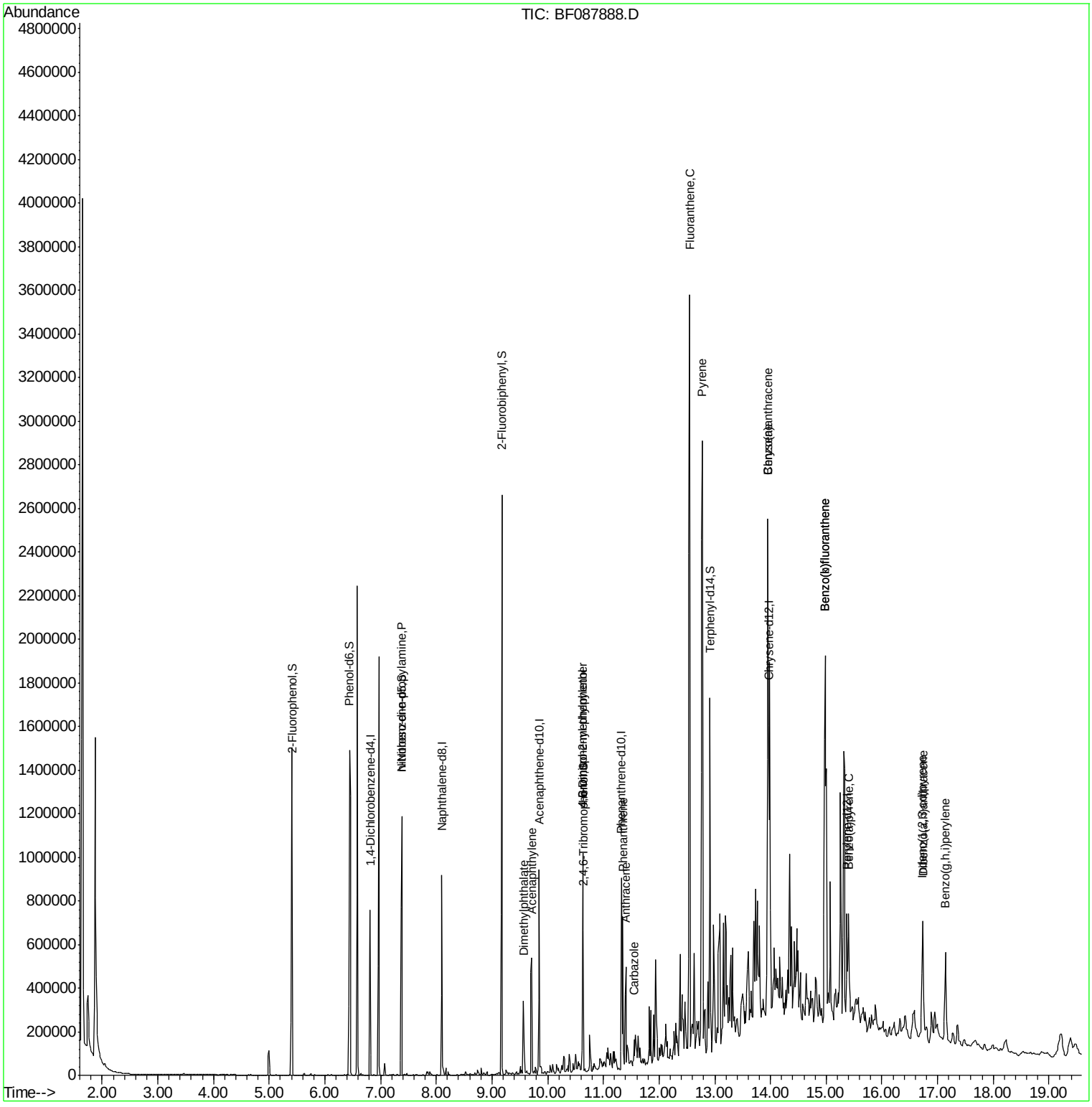
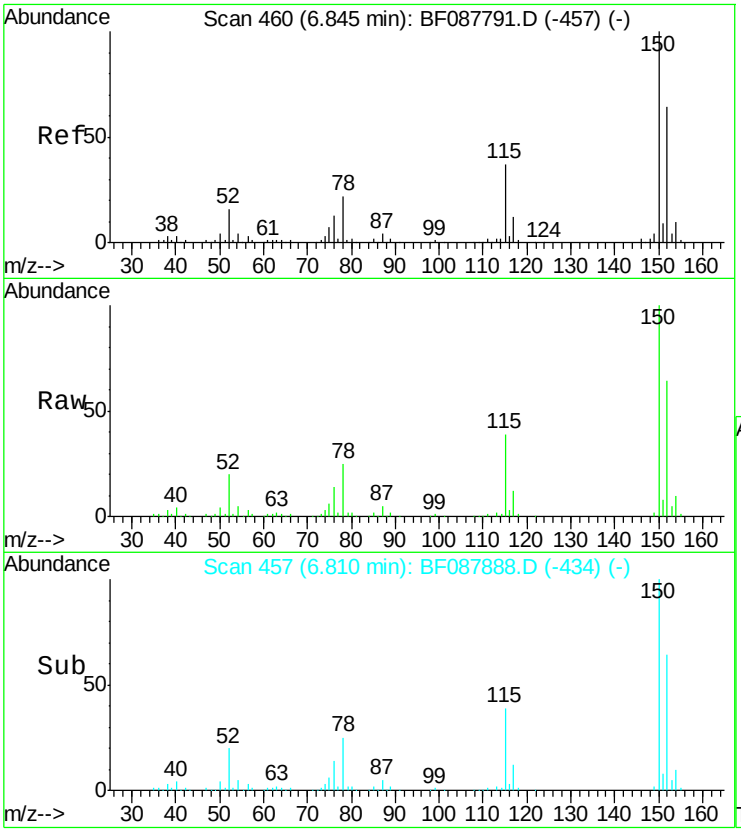


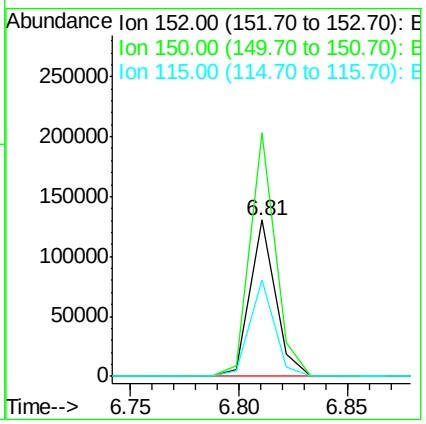


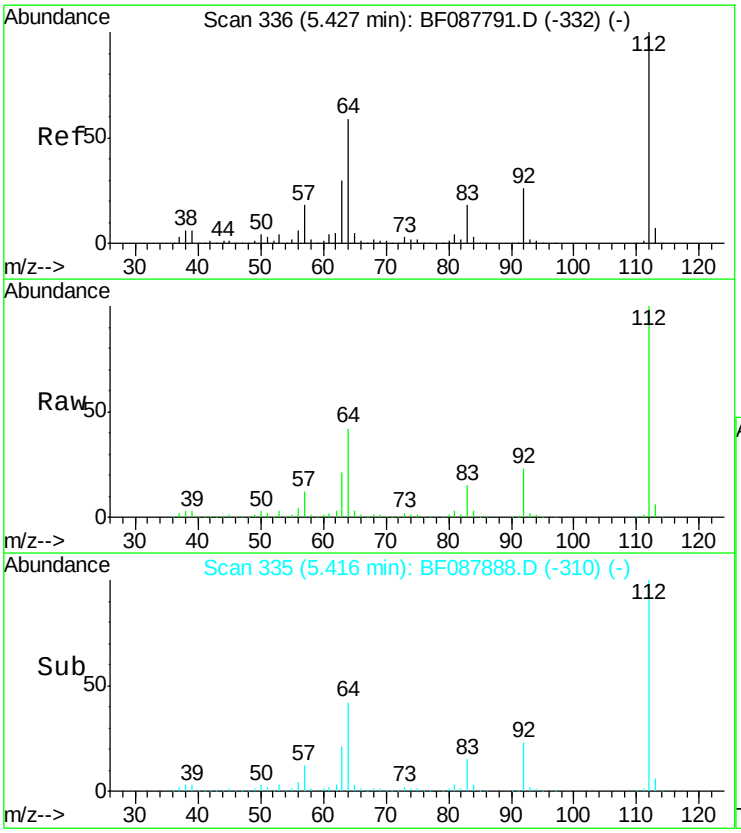
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF087888.D
Acq: 10 Jun 2016 21:46

Instrument :
BNA_F
ClientSampleId :
STA-953-PLATFORM(0-4)

Tgt Ion:152 Resp: 105849

Ion	Ratio	Lower	Upper
152	100		
150	155.7	123.8	185.6
115	61.3	39.6	59.4#

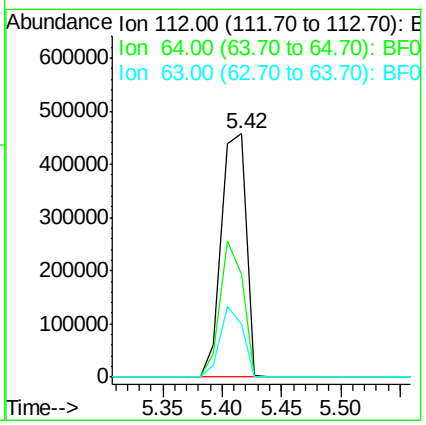


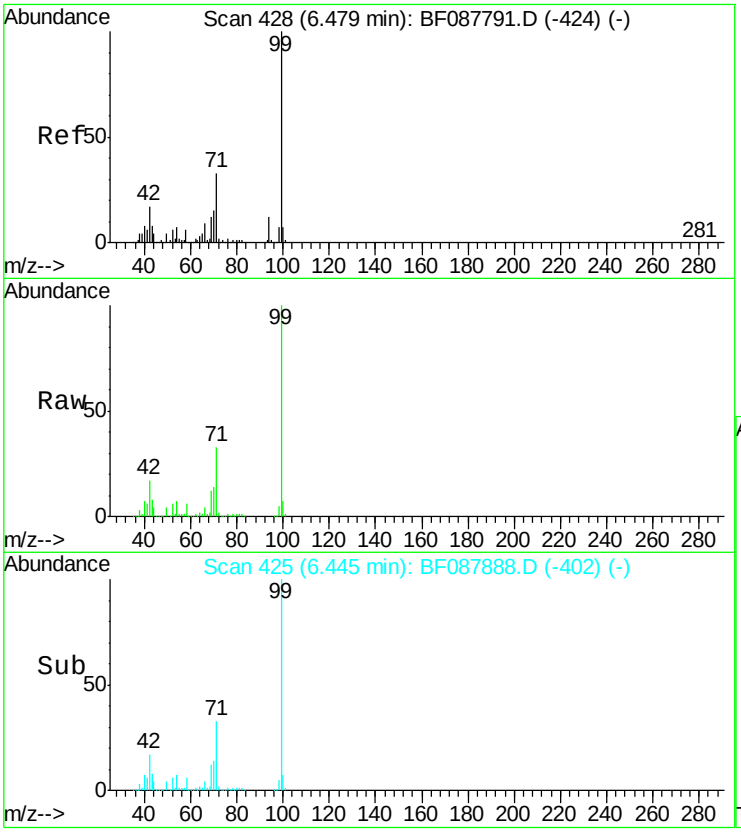


#5
2-Fluorophenol
Concen: 106.57 ng
RT: 5.42 min Scan# 335
Delta R.T. -0.01 min
Lab File: BF087888.D
Acq: 10 Jun 2016 21:46

Tgt Ion:112 Resp: 659863

Ion	Ratio	Lower	Upper
112	100		
64	42.1	42.2	63.2#
63	21.5	21.8	32.8#



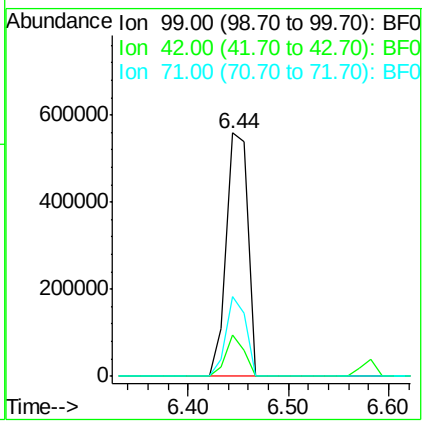


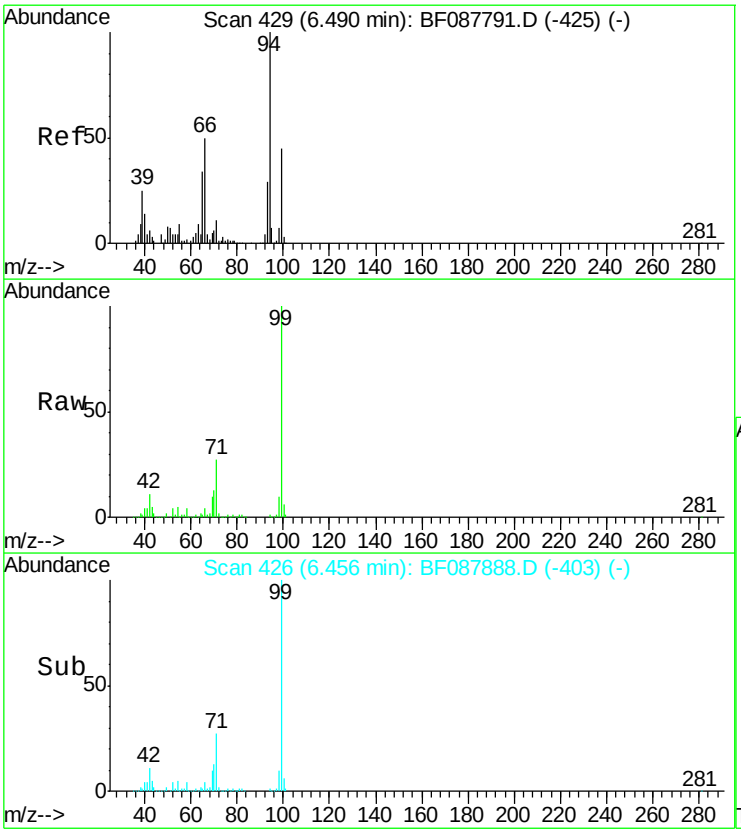
#7
Phenol-d6
Concen: 110.93 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.03 min
Lab File: BF087888.D
Acq: 10 Jun 2016 21:46

Instrument :
BNA_F
ClientSampleId :
STA-953-PLATFORM(0-4)

Tgt Ion: 99 Resp: 832395

Ion	Ratio	Lower	Upper
99	100		
42	17.0	12.2	18.2
71	33.0	23.4	35.0

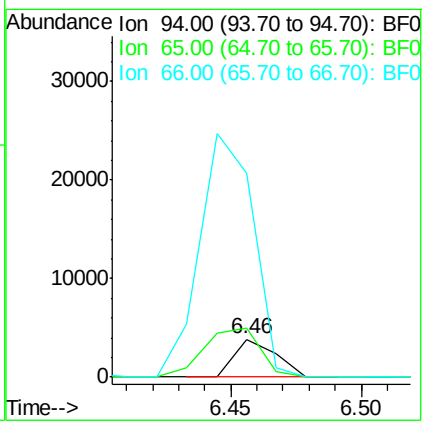


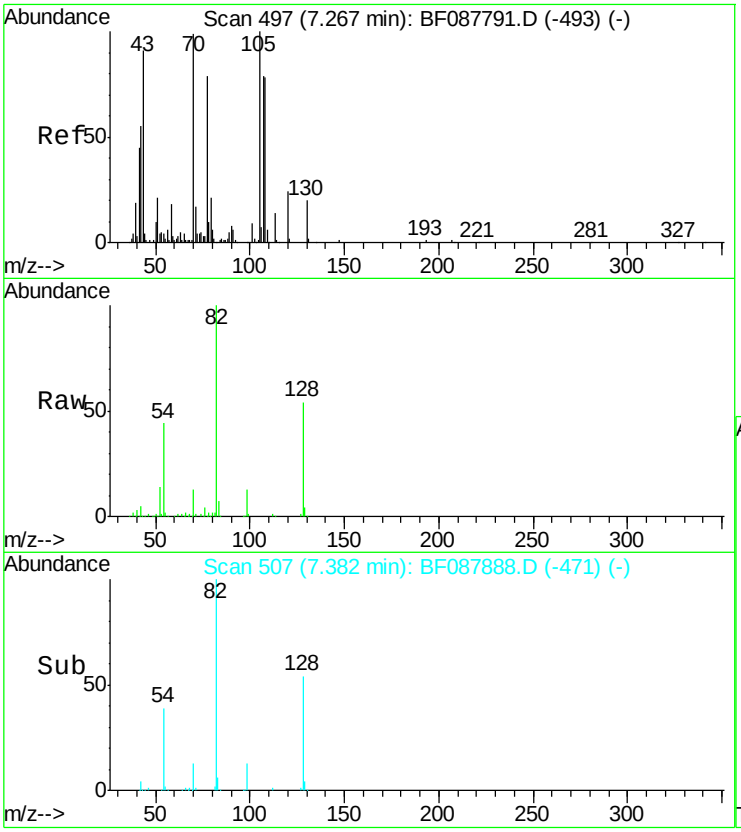


#10
Phenol
Concen: Below Cal
RT: 6.46 min Scan# 426
Delta R.T. -0.03 min
Lab File: BF087888.D
Acq: 10 Jun 2016 21:46

Tgt Ion: 94 Resp: 4229

Ion	Ratio	Lower	Upper
94	100		
65	129.6	5.9	45.9#
66	542.4	14.0	54.0#



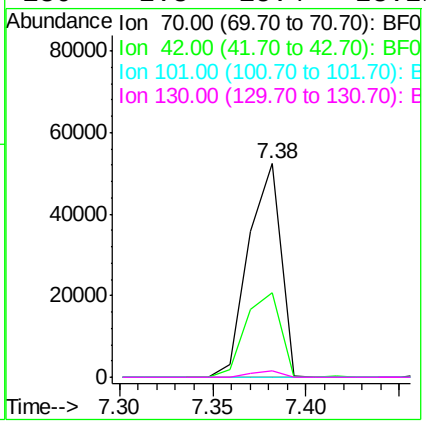


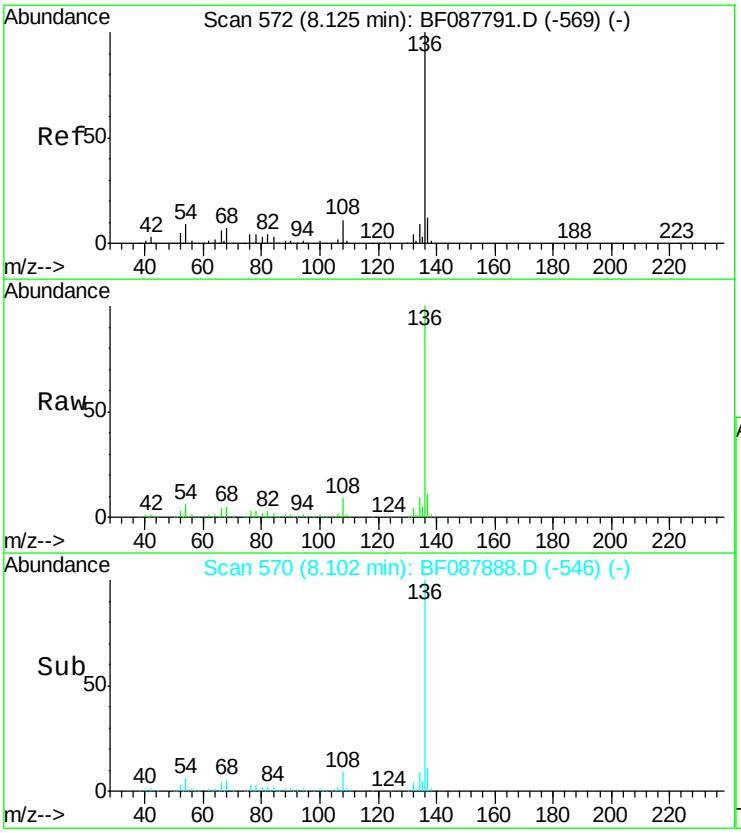
#19
n-Nitroso-di-n-propylamine
Concen: 13.09 ng
RT: 7.38 min Scan# 507
Delta R.T. 0.11 min
Lab File: BF087888.D
Acq: 10 Jun 2016 21:46

Instrument :
BNA_F
ClientSampleId :
STA-953-PLATFORM(0-4)

Tgt Ion: 70 Resp: 62856

Ion	Ratio	Lower	Upper
70	100		
42	39.3	49.6	74.4#
101	0.0	7.1	10.7#
130	2.8	15.4	23.2#

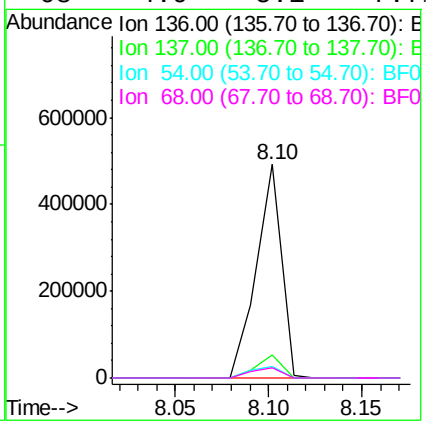


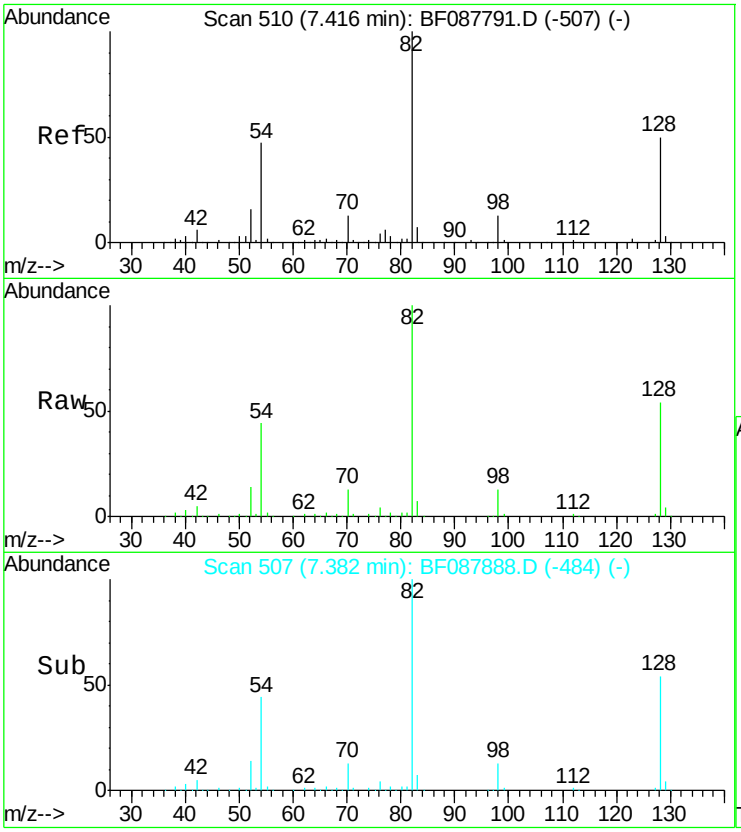


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF087888.D
Acq: 10 Jun 2016 21:46

Tgt Ion:136 Resp: 458240

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.6	6.6	10.0#
68	4.9	5.1	7.7#



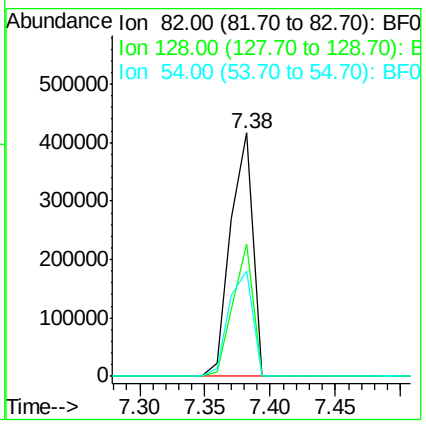


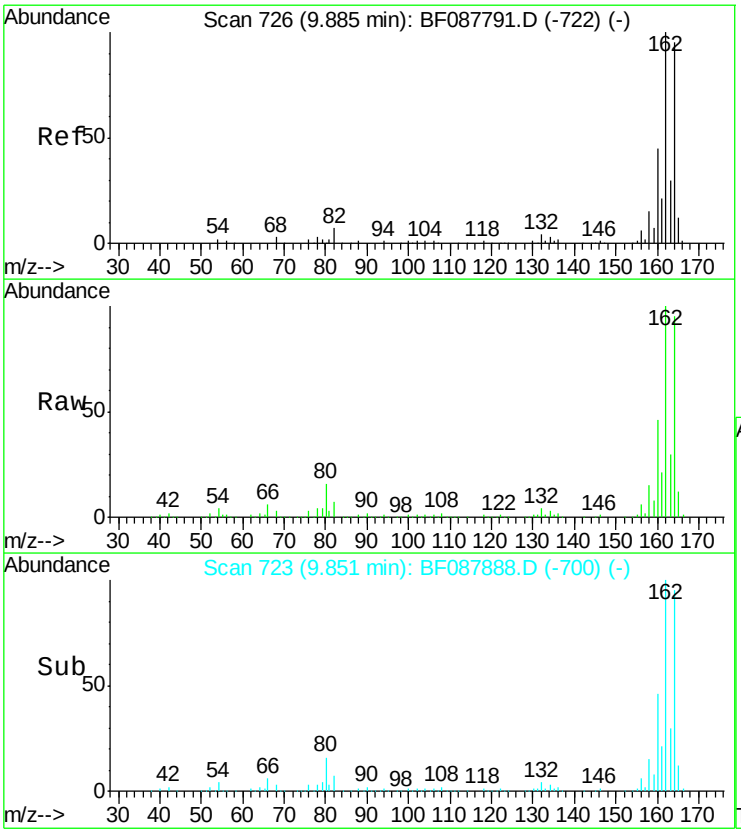
#23
Nitrobenzene-d5
Concen: 62.27 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.03 min
Lab File: BF087888.D
Acq: 10 Jun 2016 21:46

Instrument :
BNA_F
ClientSampleId :
STA-953-PLATFORM(0-4)

Tgt Ion: 82 Resp: 488659

Ion	Ratio	Lower	Upper
82	100		
128	54.4	35.9	53.9#
54	43.5	40.9	61.3

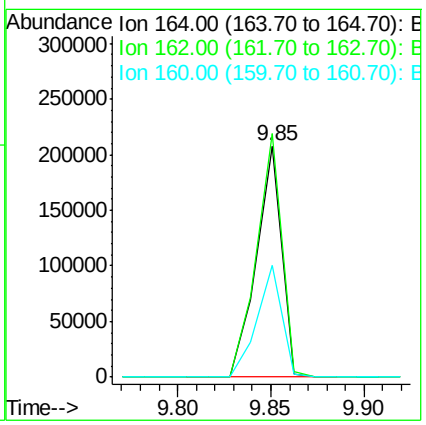


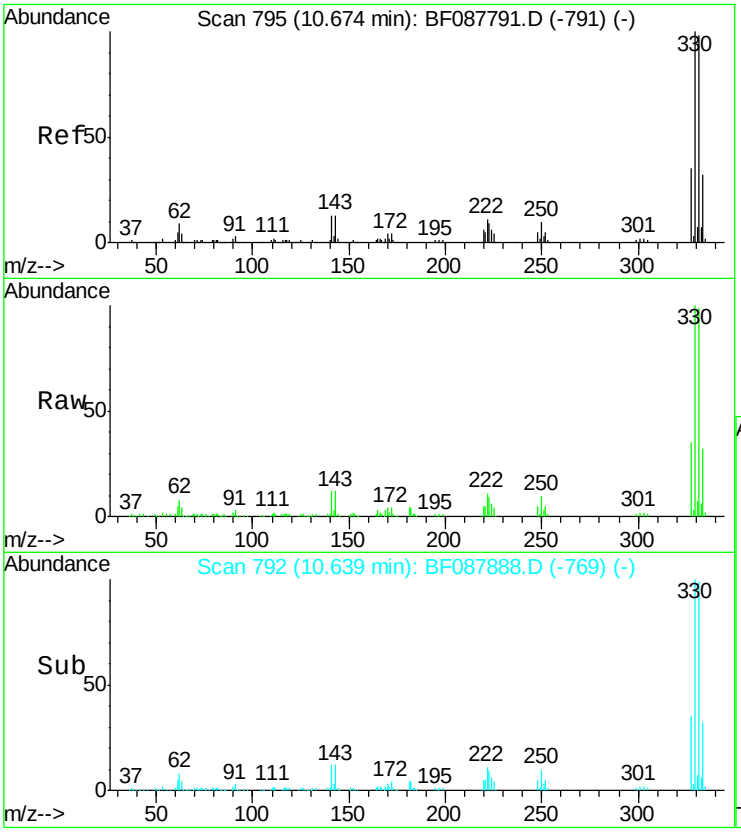


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF087888.D
Acq: 10 Jun 2016 21:46

Tgt Ion:164 Resp: 191995

Ion	Ratio	Lower	Upper
164	100		
162	105.4	85.4	128.2
160	48.4	39.5	59.3



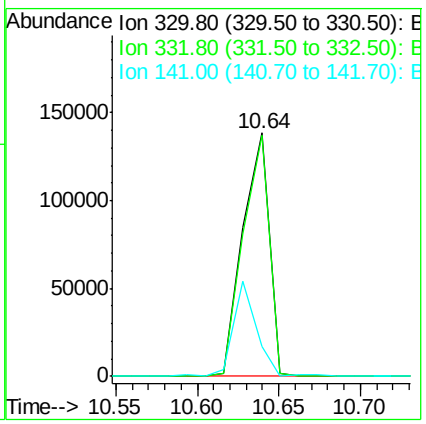


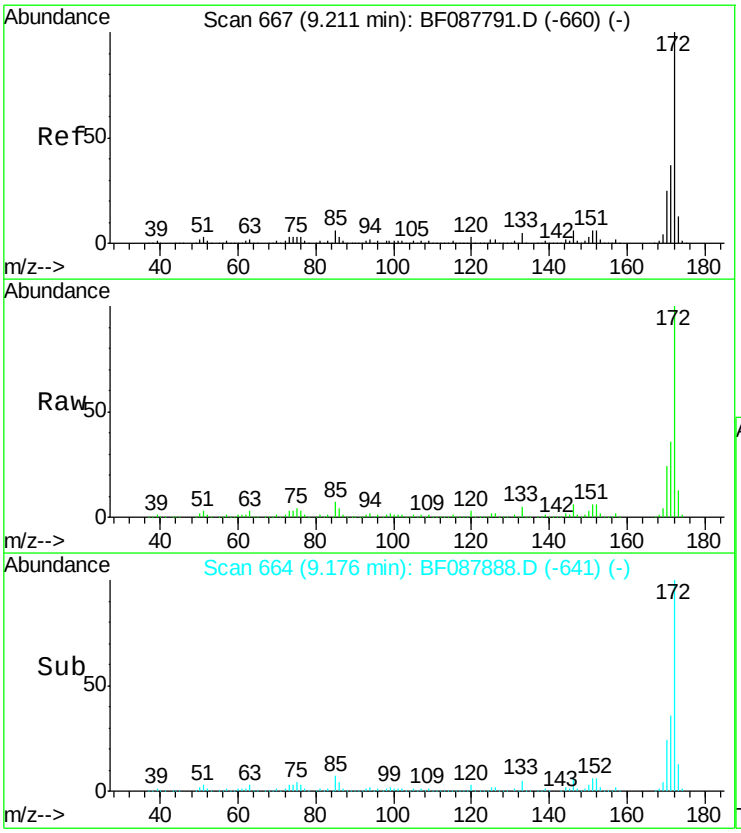
#41
2,4,6-Tribromophenol
Concen: 76.61 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.03 min
Lab File: BF087888.D
Acq: 10 Jun 2016 21:46

Instrument :
BNA_F
ClientSampleId :
STA-953-PLATFORM(0-4)

Tgt Ion:330 Resp: 155318

Ion	Ratio	Lower	Upper
330	100		
332	97.6	0.0	0.0#
141	34.7	0.0	0.0#

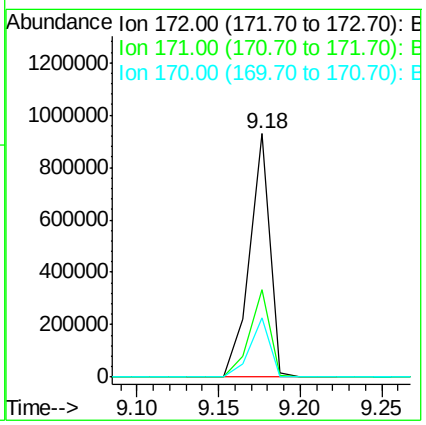


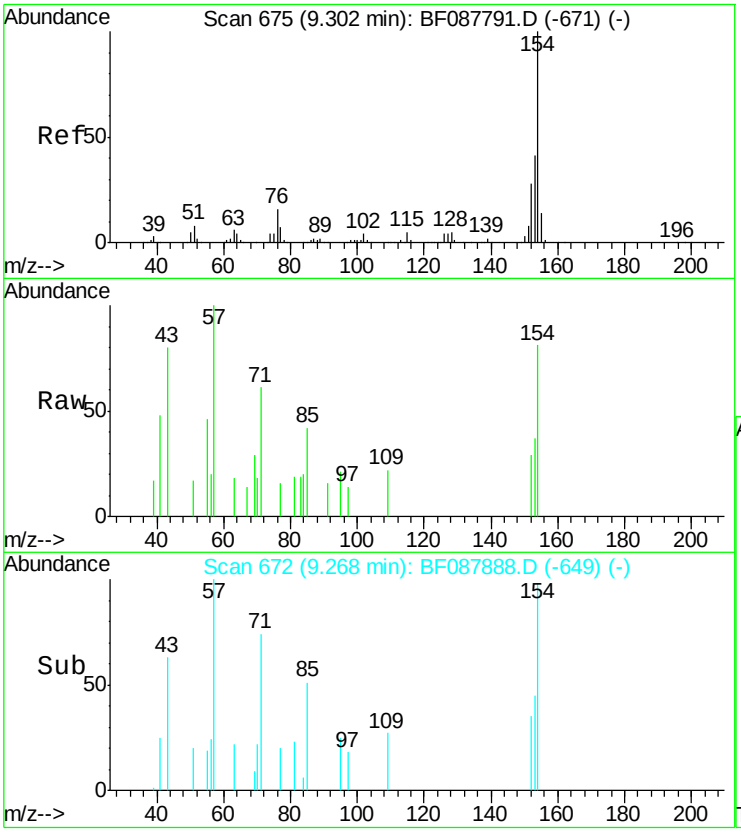


#44
2-Fluorobiphenyl
Concen: 64.44 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF087888.D
Acq: 10 Jun 2016 21:46

Tgt Ion:172 Resp: 803997

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.5	19.2	28.8



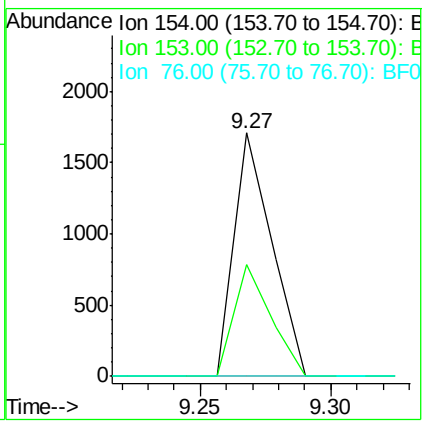


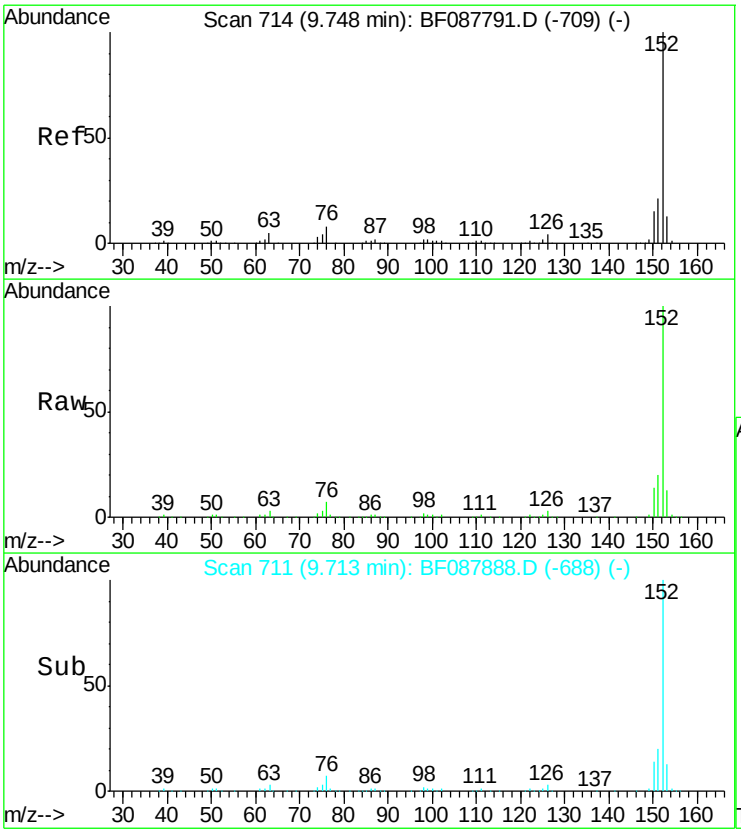
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.27 min Scan# 672
Delta R.T. -0.03 min
Lab File: BF087888.D
Acq: 10 Jun 2016 21:46

Instrument :
BNA_F
ClientSampleId :
STA-953-PLATFORM(0-4)

Tgt Ion:154 Resp: 1737

Ion	Ratio	Lower	Upper
154	100		
153	46.0	20.6	60.6
76	0.0	0.0	35.1

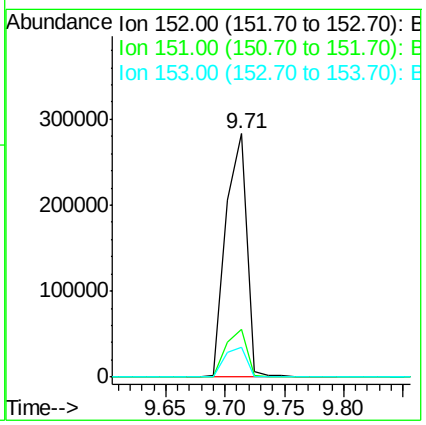


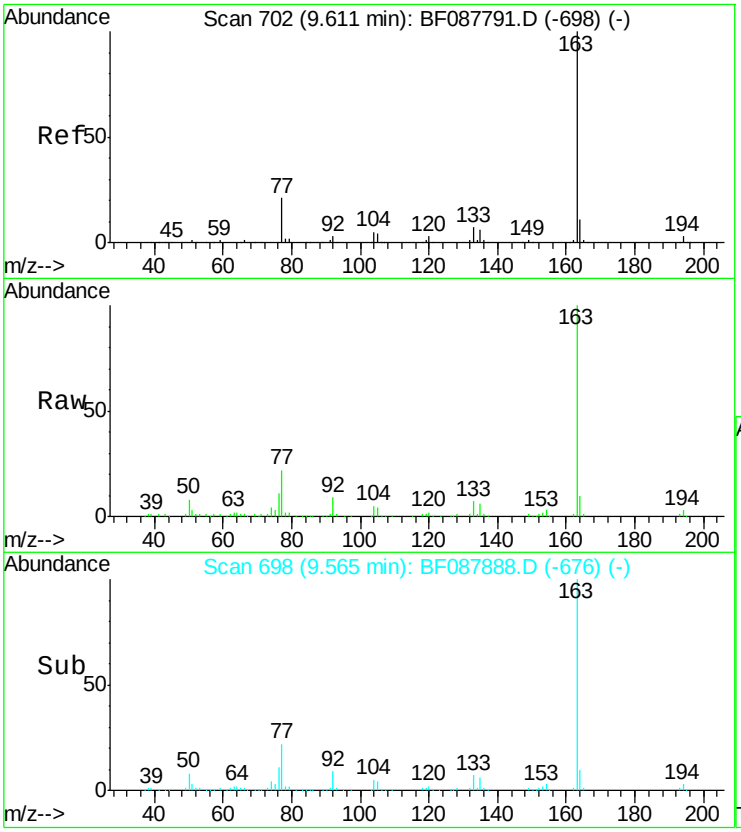


#48
Acenaphthylene
Concen: 17.56 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF087888.D
Acq: 10 Jun 2016 21:46

Tgt Ion:152 Resp: 347031

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.4
153	12.5	11.0	16.6



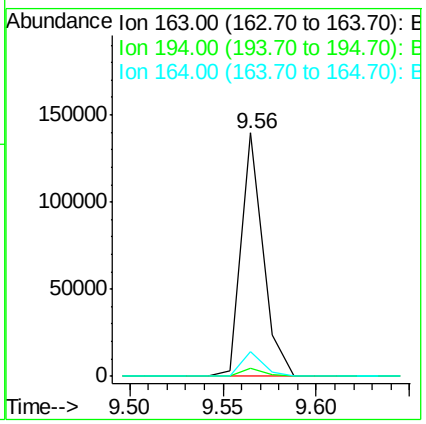


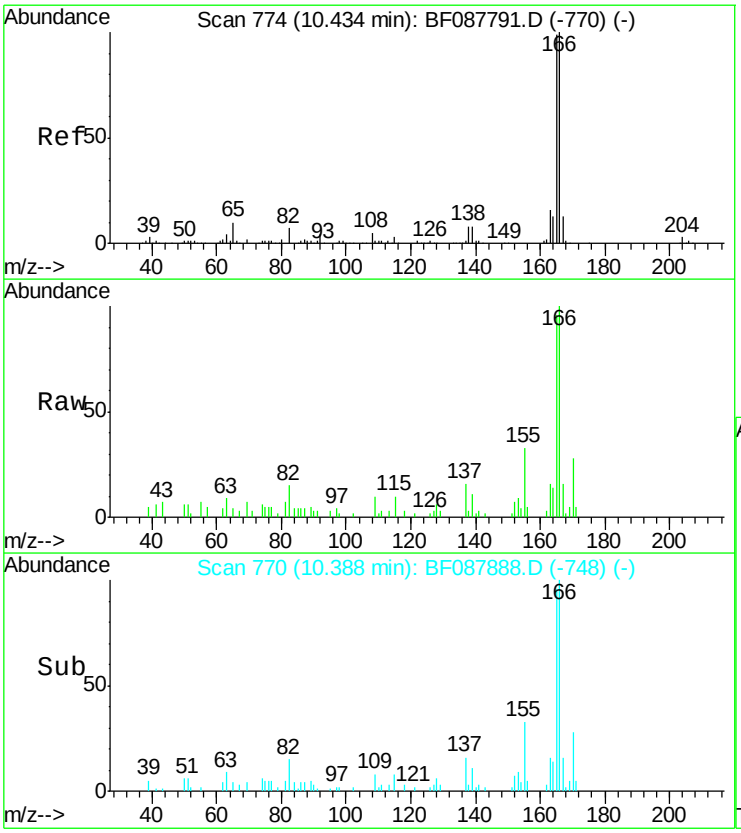
#49
Dimethylphthalate
Concen: 8.24 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.05 min
Lab File: BF087888.D
Acq: 10 Jun 2016 21:46

Instrument :
BNA_F
ClientSampleId :
STA-953-PLATFORM(0-4)

Tgt Ion:163 Resp: 114582

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.3	8.3	12.5

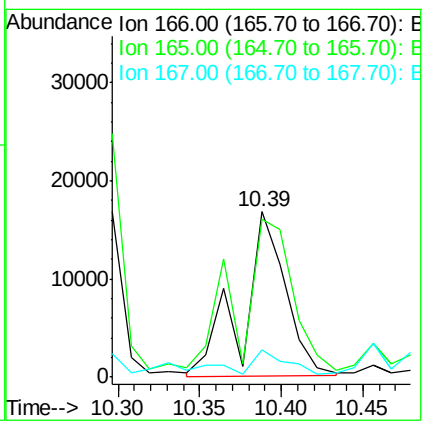


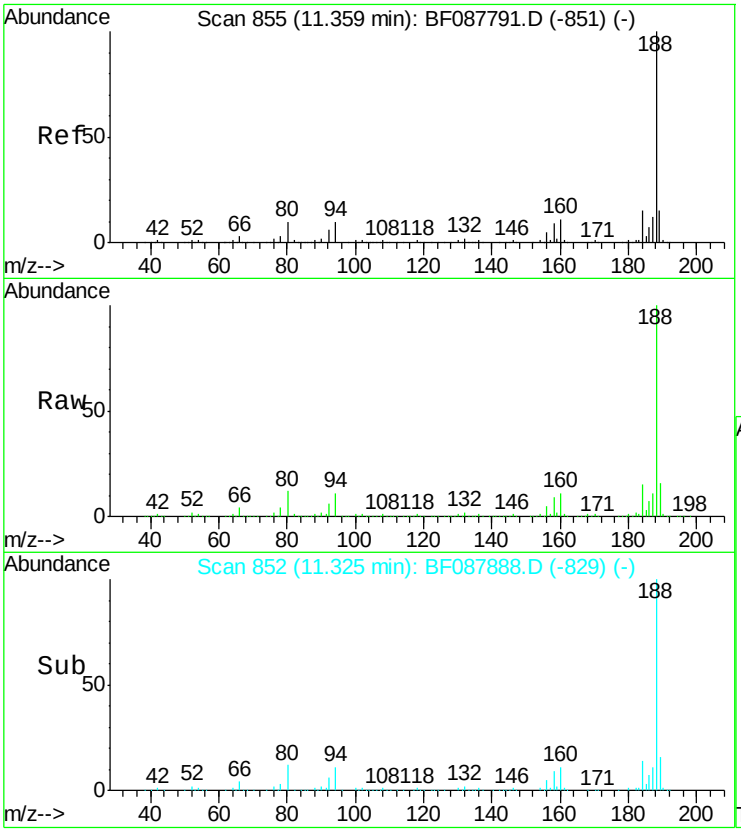


#57
Fluorene
Concen: Below Cal
RT: 10.39 min Scan# 770
Delta R.T. -0.05 min
Lab File: BF087888.D
Acq: 10 Jun 2016 21:46

Tgt Ion:166 Resp: 30662

Ion	Ratio	Lower	Upper
166	100		
165	95.5	77.8	116.8
167	16.2	11.2	16.8



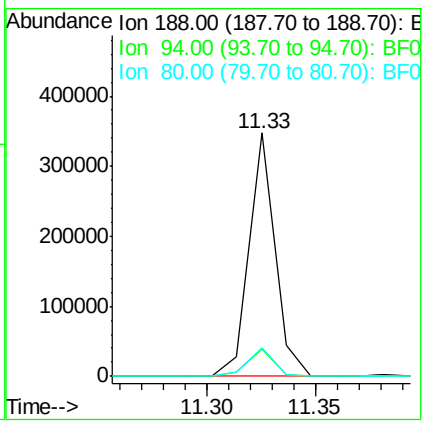


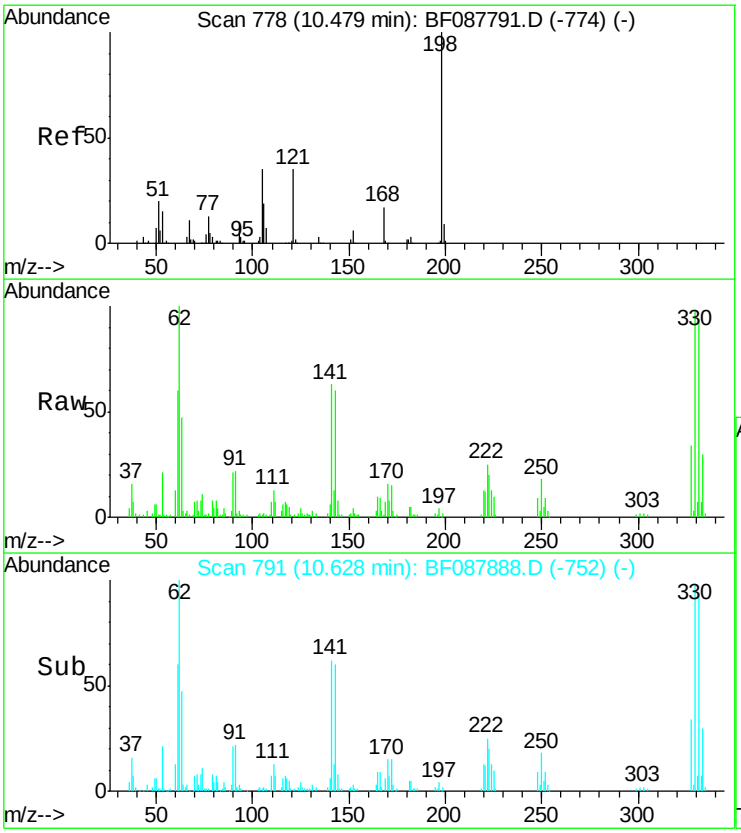
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087888.D
Acq: 10 Jun 2016 21:46

Instrument :
BNA_F
ClientSampleId :
STA-953-PLATFORM(0-4)

Tgt Ion:188 Resp: 289163

Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.0	13.6
80	11.6	10.0	15.0

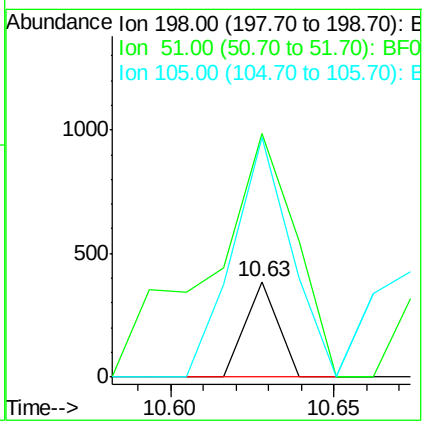


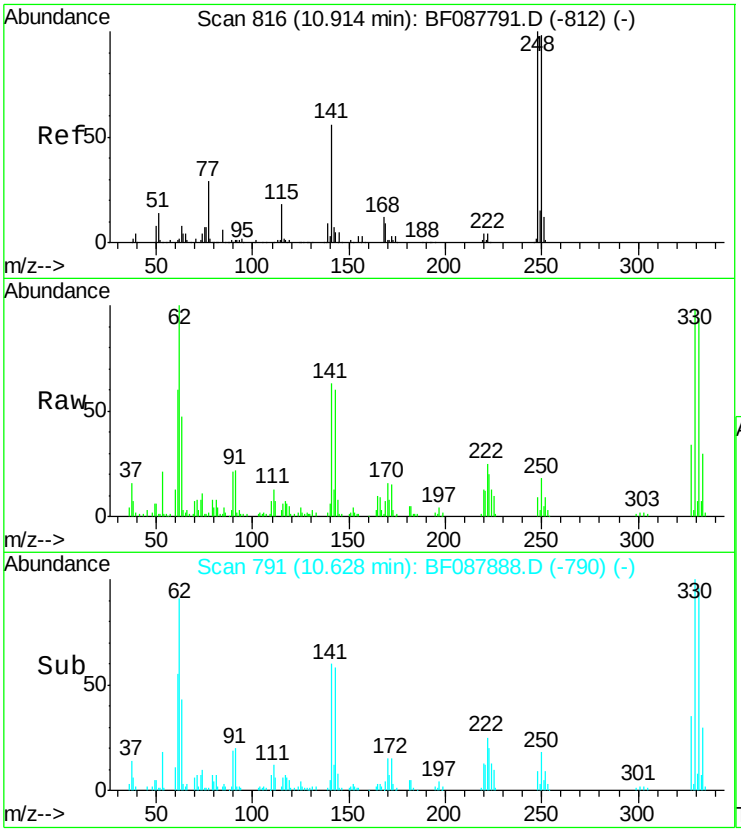


#64
4,6-Dinitro-2-methylphenol
Concen: 2.30 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.15 min
Lab File: BF087888.D
Acq: 10 Jun 2016 21:46

Tgt Ion:198 Resp: 265

Ion	Ratio	Lower	Upper
198	100		
51	255.4	39.6	79.6#
105	251.6	36.6	76.6#



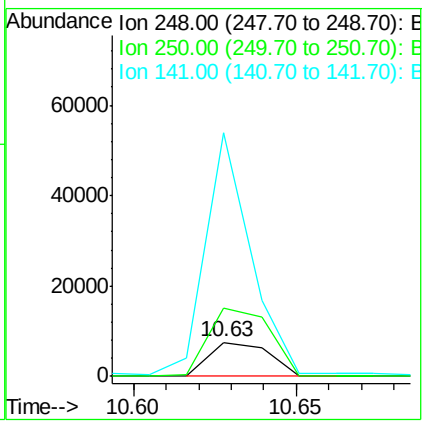


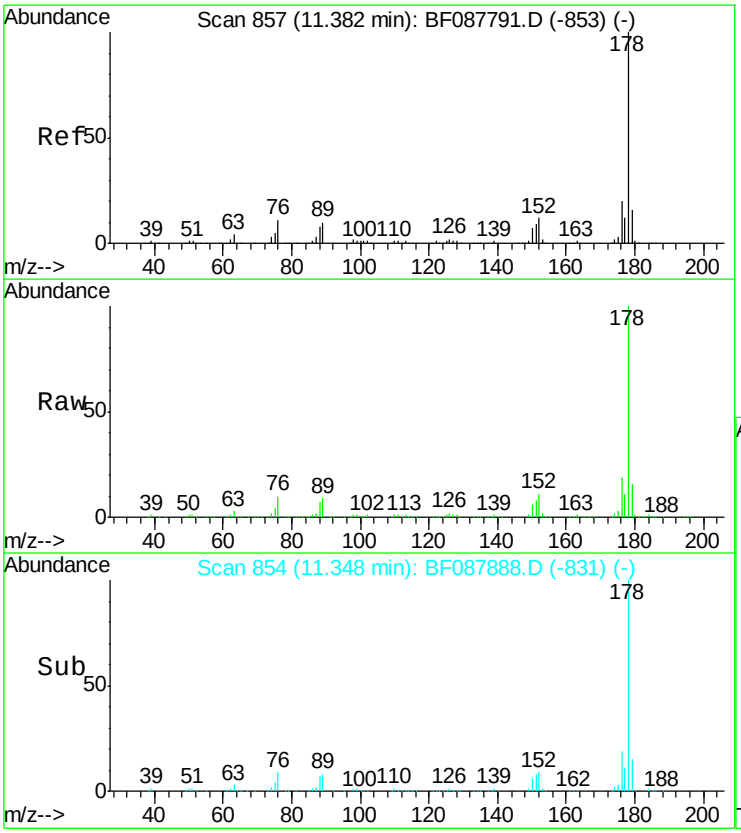
#66
4-Bromophenyl-phenylether
Concen: 3.05 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.29 min
Lab File: BF087888.D
Acq: 10 Jun 2016 21:46

Instrument :
BNA_F
ClientSampleId :
STA-953-PLATFORM(0-4)

Tgt Ion:248 Resp: 9470

Ion	Ratio	Lower	Upper
248	100		
250	200.2	77.1	115.7#
141	714.4	50.6	76.0#

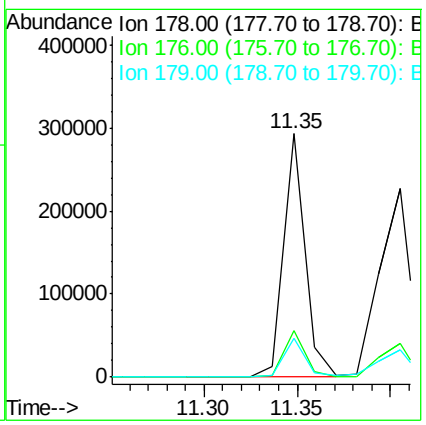


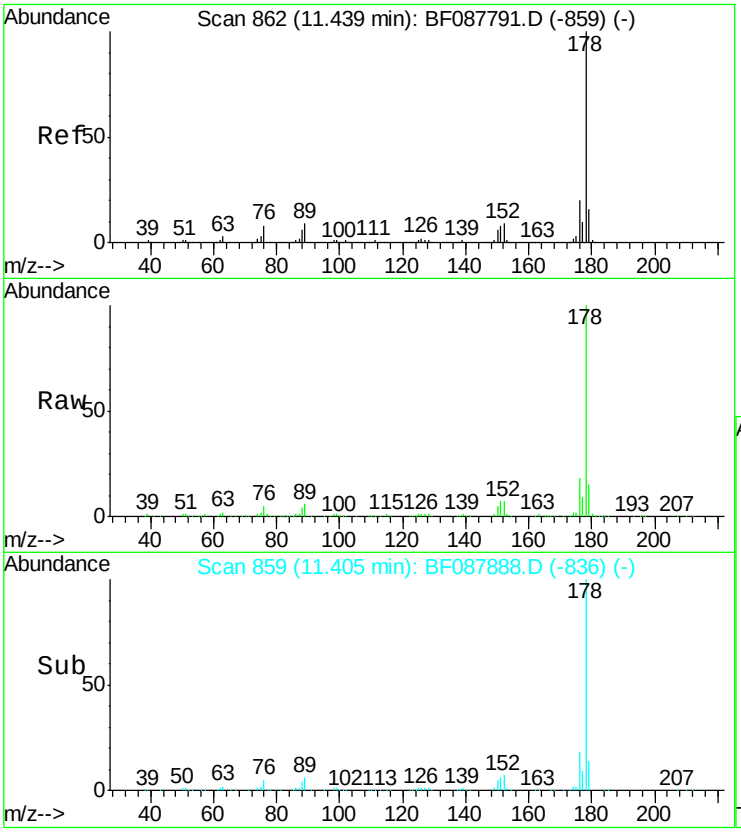


#70
Phenanthrene
Concen: 15.60 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.03 min
Lab File: BF087888.D
Acq: 10 Jun 2016 21:46

Tgt Ion:178 Resp: 236784

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.6
179	16.0	13.0	19.4



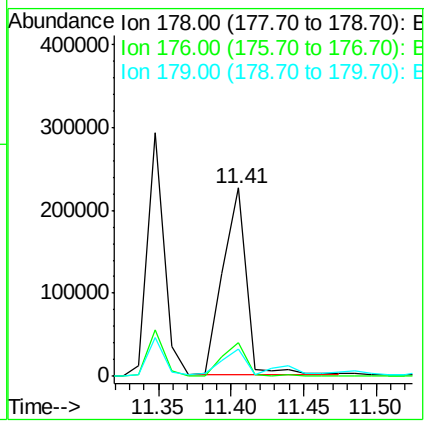


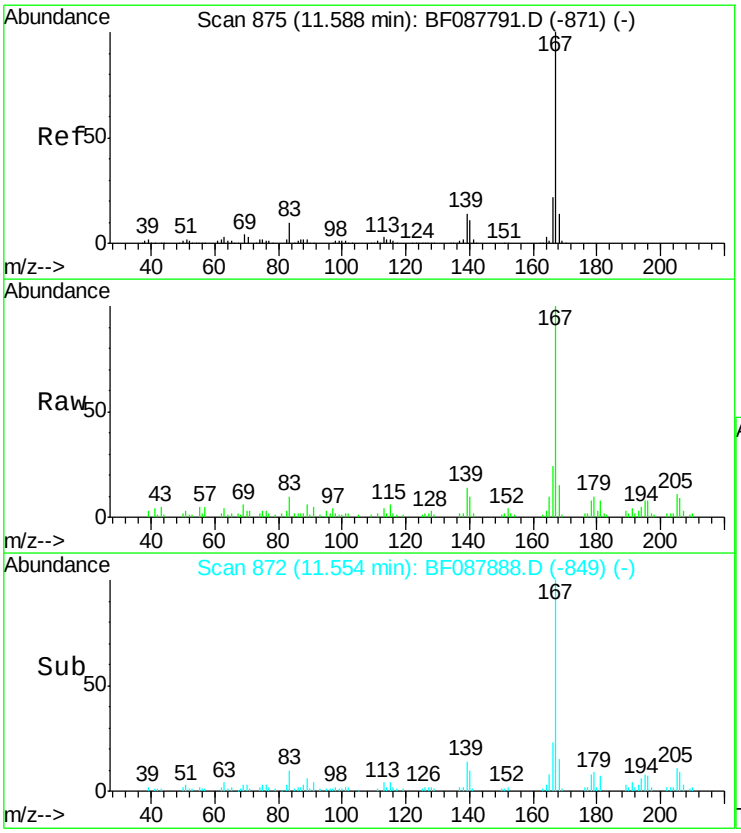
#71
Anthracene
Concen: 16.74 ng
RT: 11.41 min Scan# 859
Delta R.T. -0.03 min
Lab File: BF087888.D
Acq: 10 Jun 2016 21:46

Instrument :
BNA_F
ClientSampleId :
STA-953-PLATFORM(0-4)

Tgt Ion:178 Resp: 256183

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.6	23.4
179	14.8	12.8	19.2

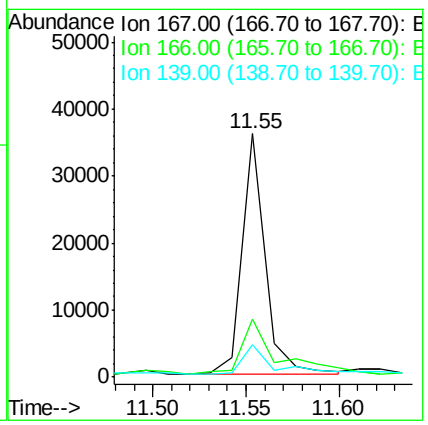


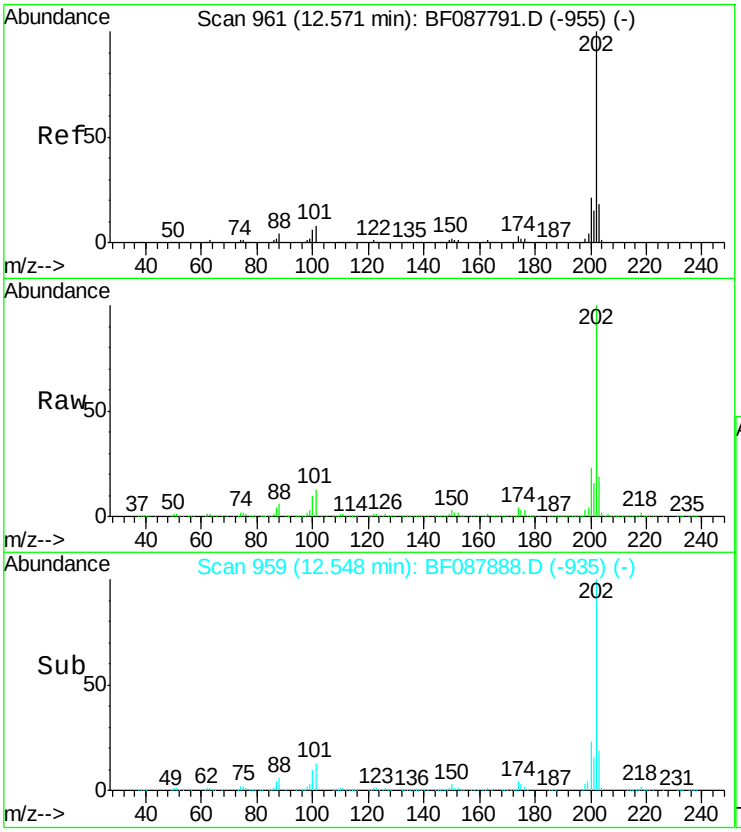


#72
Carbazole
Concen: 2.19 ng
RT: 11.55 min Scan# 872
Delta R.T. -0.03 min
Lab File: BF087888.D
Acq: 10 Jun 2016 21:46

Tgt Ion:167 Resp: 31400

Ion	Ratio	Lower	Upper
167	100		
166	24.0	17.8	26.6
139	13.6	11.2	16.8



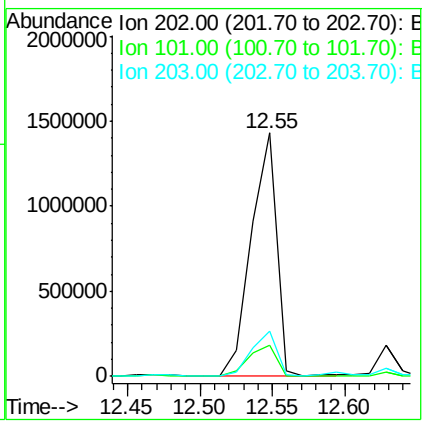


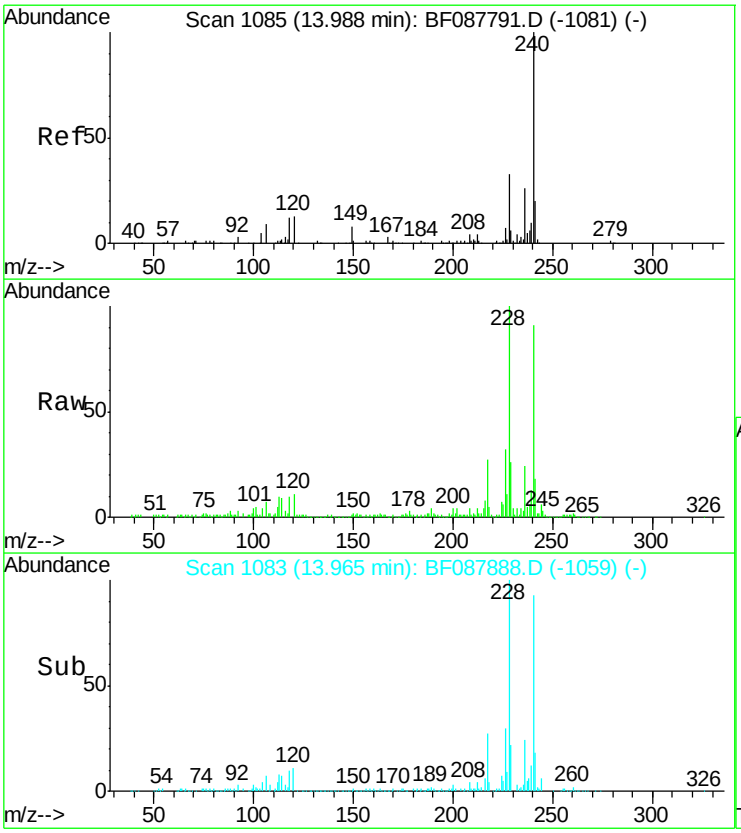
#74
Fluoranthene
Concen: 108.44 ng
RT: 12.55 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF087888.D
Acq: 10 Jun 2016 21:46

Instrument :
BNA_F
ClientSampleId :
STA-953-PLATFORM(0-4)

Tgt Ion:202 Resp: 1736459

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.1
203	18.8	0.0	38.1

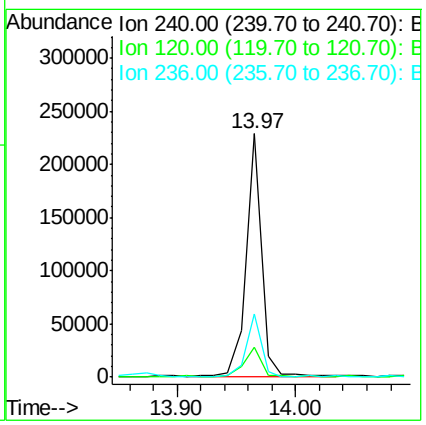


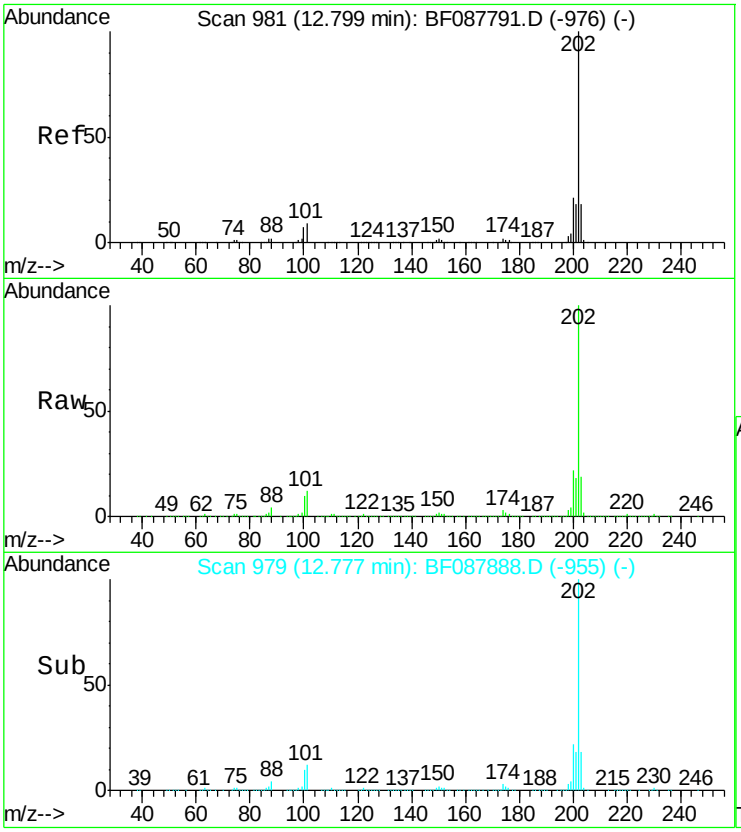


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1083
Delta R.T. -0.02 min
Lab File: BF087888.D
Acq: 10 Jun 2016 21:46

Tgt Ion:240 Resp: 205173

Ion	Ratio	Lower	Upper
240	100		
120	12.0	6.8	10.2#
236	25.8	20.2	30.2



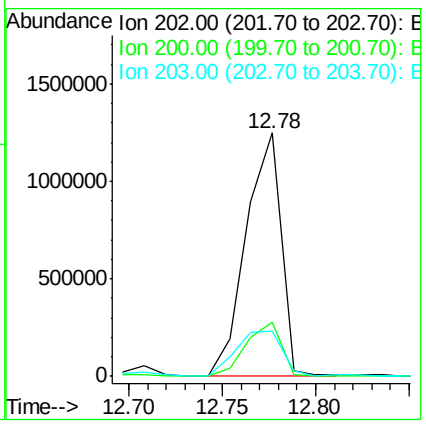


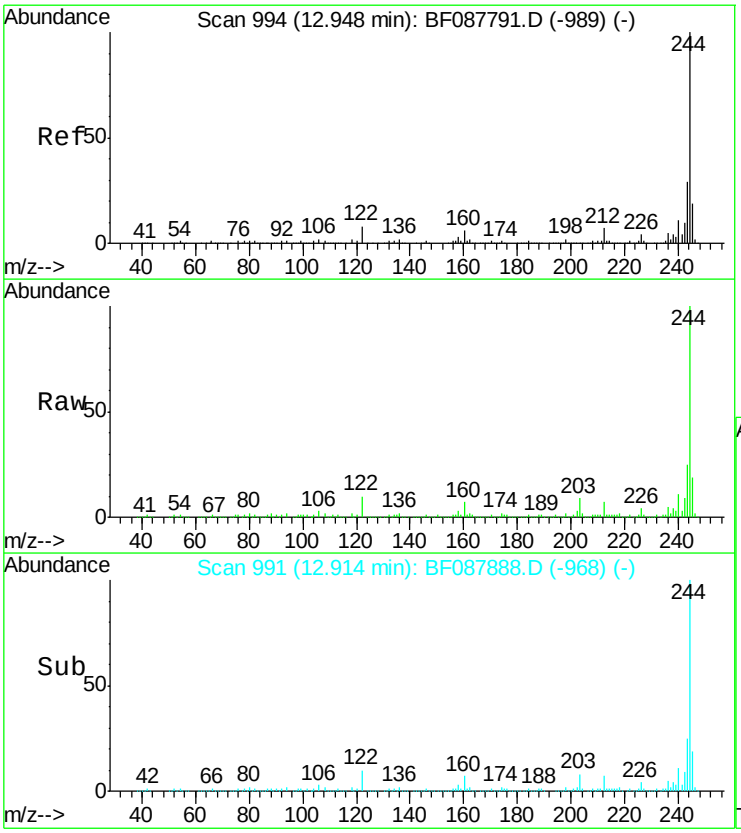
#77
Pyrene
Concen: 106.56 ng
RT: 12.78 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF087888.D
Acq: 10 Jun 2016 21:46

Instrument :
BNA_F
ClientSampleId :
STA-953-PLATFORM(0-4)

Tgt Ion:202 Resp: 1622419

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	18.6	14.5	21.7

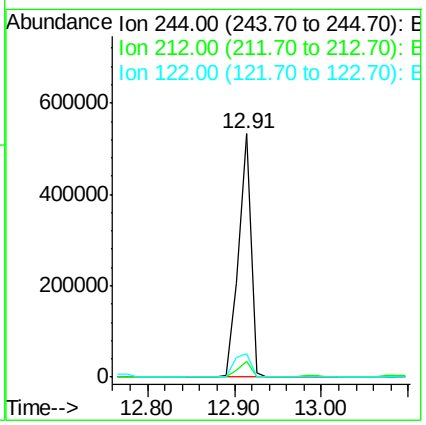


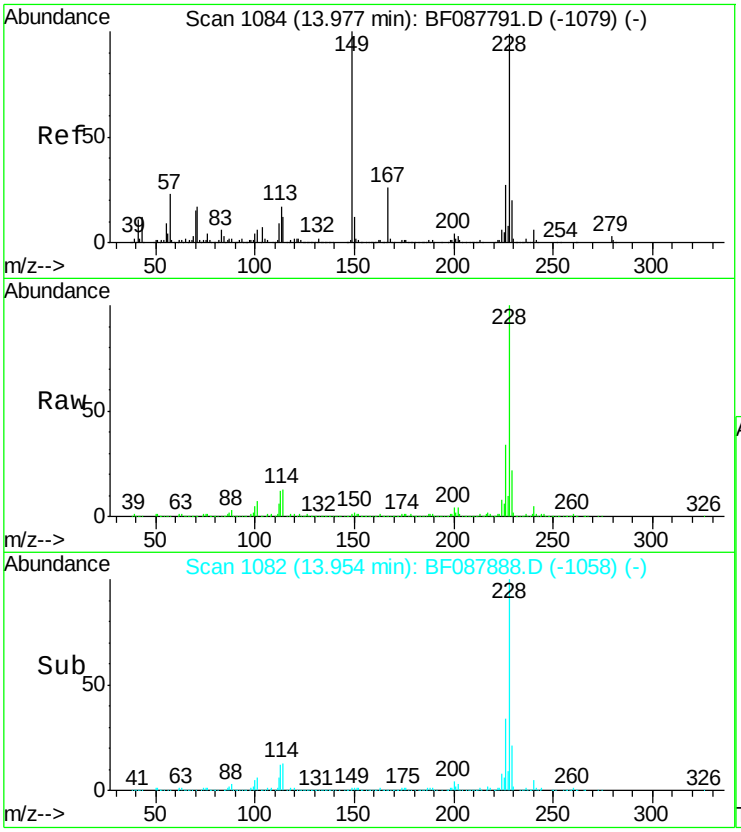


#78
Terphenyl-d14
Concen: 57.36 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.03 min
Lab File: BF087888.D
Acq: 10 Jun 2016 21:46

Tgt Ion:244 Resp: 517195

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	9.8	11.2	16.8#



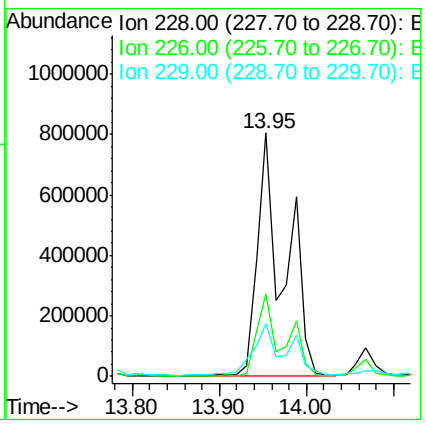


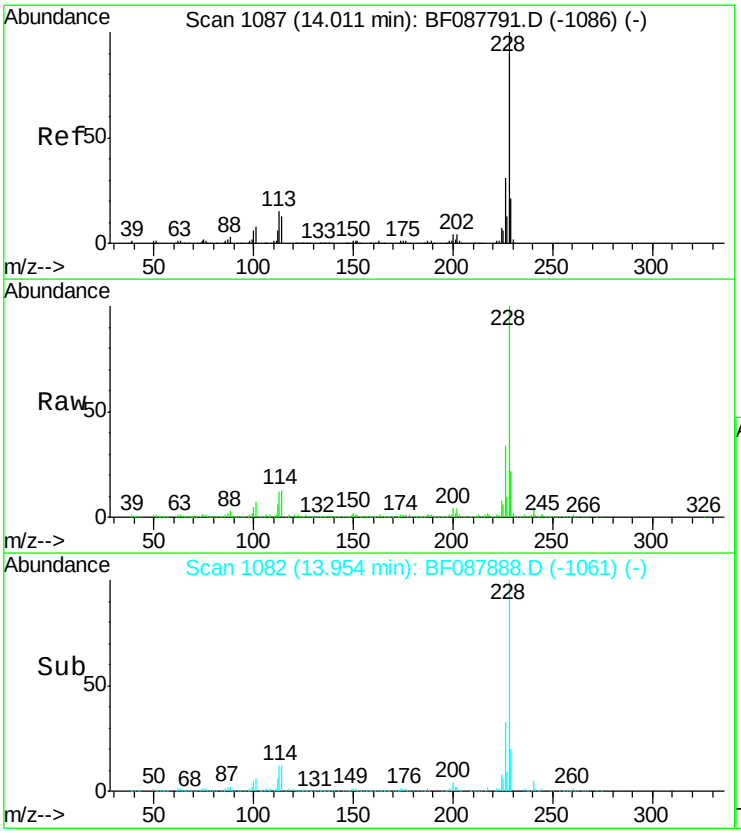
#80
Benzo(a)anthracene
Concen: 147.96 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BF087888.D
Acq: 10 Jun 2016 21:46

Instrument :
BNA_F
ClientSampleId :
STA-953-PLATFORM(0-4)

Tgt Ion:228 Resp: 1729976

Ion	Ratio	Lower	Upper
228	100		
226	33.7	22.3	33.5#
229	21.5	16.0	24.0

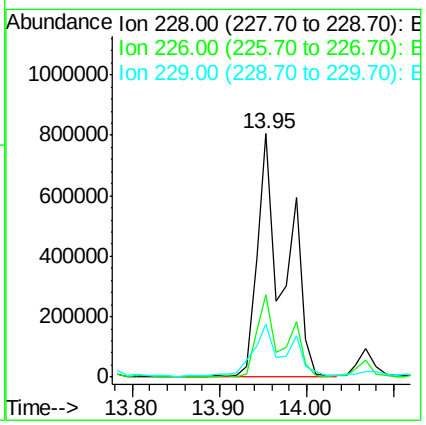


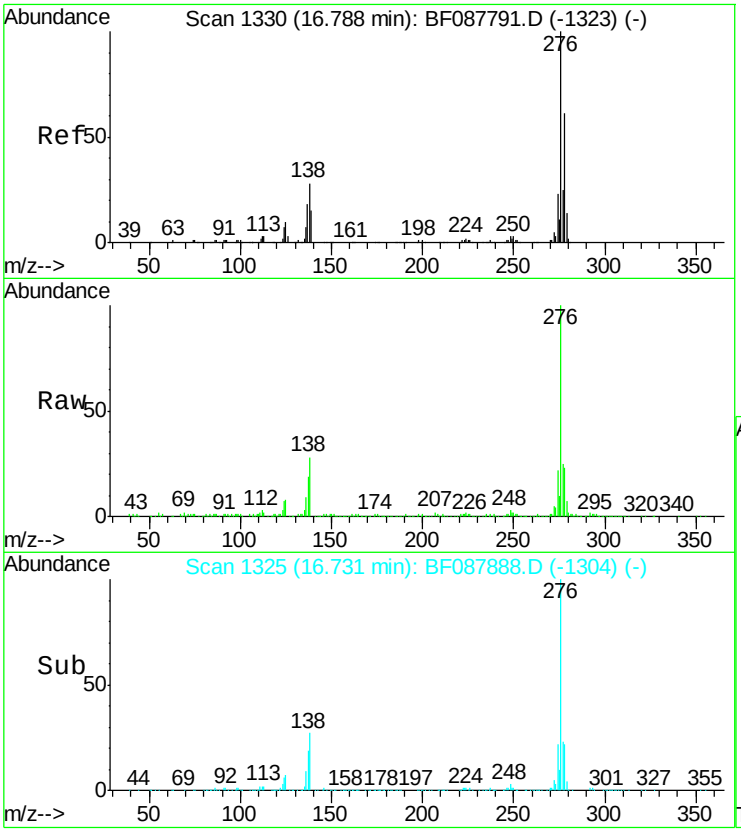


#82
Chrysene
Concen: 157.27 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.06 min
Lab File: BF087888.D
Acq: 10 Jun 2016 21:46

Tgt Ion:228 Resp: 1729976

Ion	Ratio	Lower	Upper
228	100		
226	33.7	25.4	38.2
229	21.5	16.3	24.5



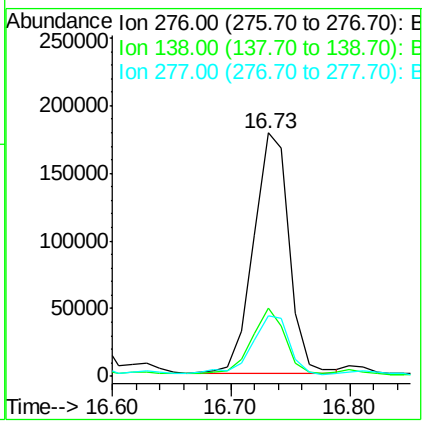


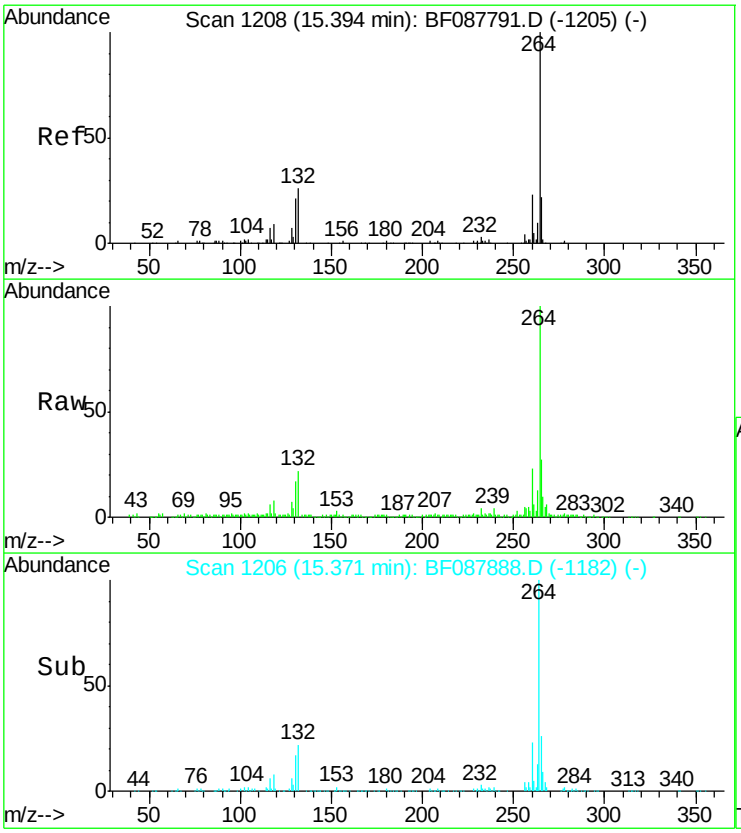
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.51 ng
RT: 16.73 min Scan# 1325
Delta R.T. -0.06 min
Lab File: BF087888.D
Acq: 10 Jun 2016 21:46

Instrument :
BNA_F
ClientSampleId :
STA-953-PLATFORM(0-4)

Tgt Ion:276 Resp: 373159

Ion	Ratio	Lower	Upper
276	100		
138	26.2	0.0	0.0#
277	25.9	0.0	0.0#

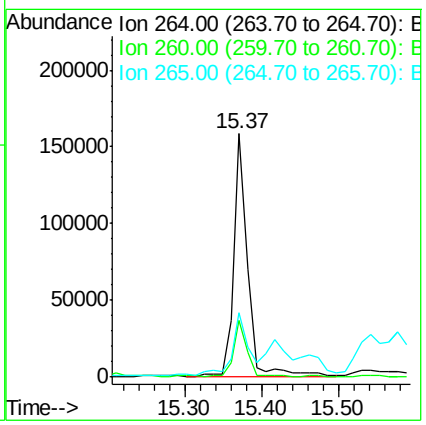


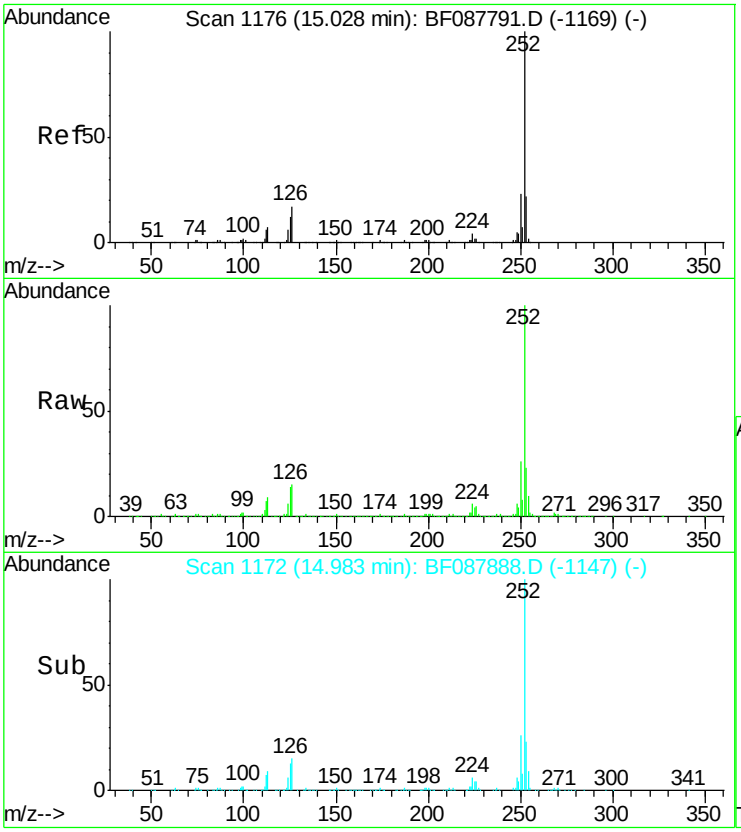


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BF087888.D
Acq: 10 Jun 2016 21:46

Tgt Ion:264 Resp: 201200

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	26.7	16.9	25.3#



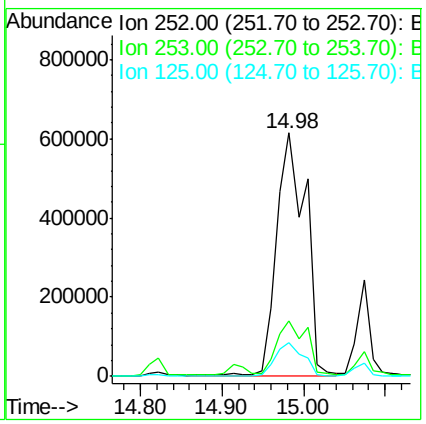


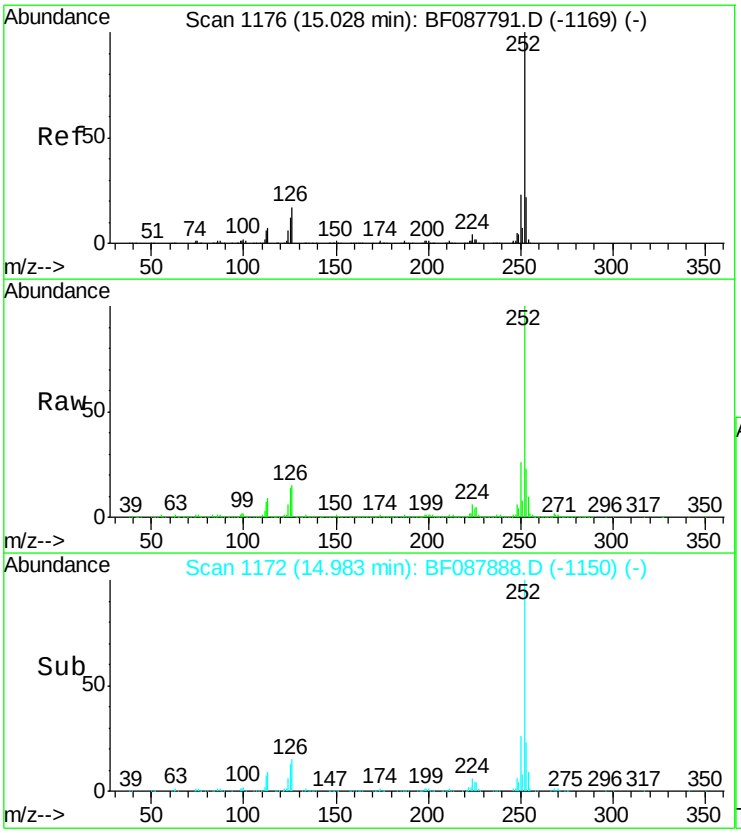
#87
Benzo(b)fluoranthene
Concen: 108.38 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF087888.D
Acq: 10 Jun 2016 21:46

Instrument :
BNA_F
ClientSampleId :
STA-953-PLATFORM(0-4)

Tgt Ion:252 Resp: 1519837

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	13.6	7.1	10.7#

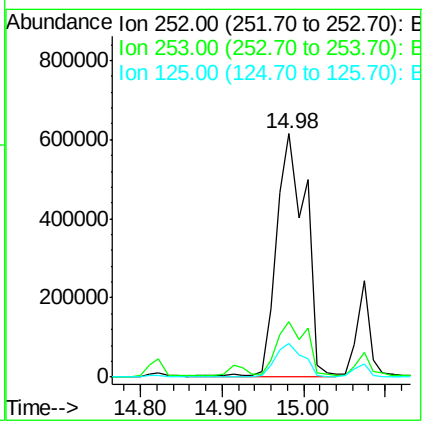


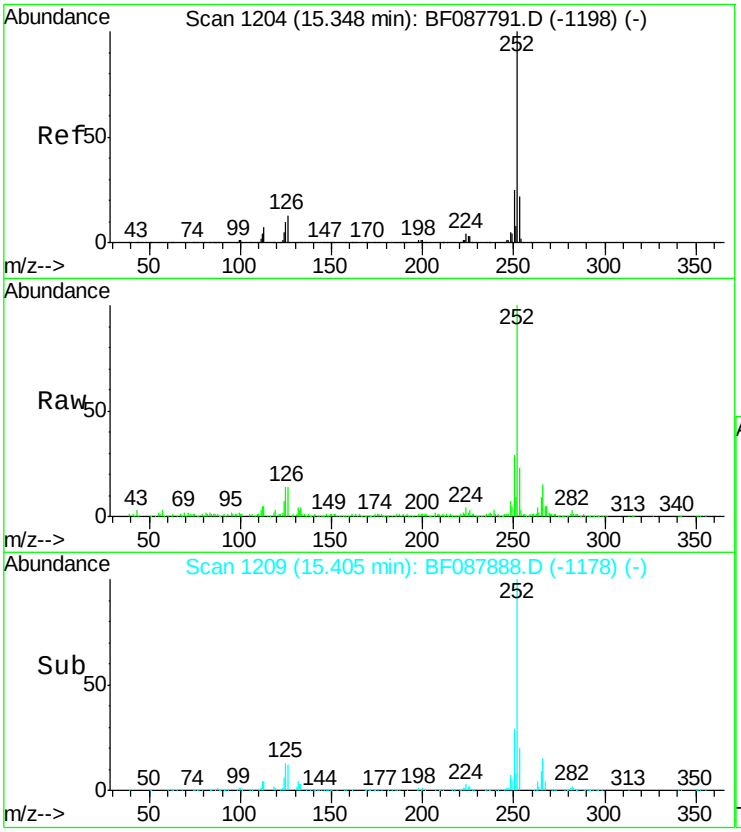


#88
Benzo(k)fluoranthene
Concen: 143.67 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.05 min
Lab File: BF087888.D
Acq: 10 Jun 2016 21:46

Tgt Ion:252 Resp: 1519837

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	13.6	11.2	16.8



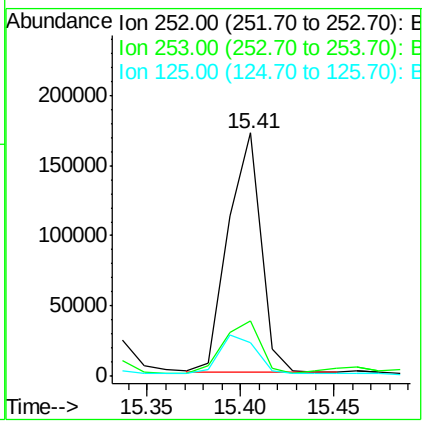


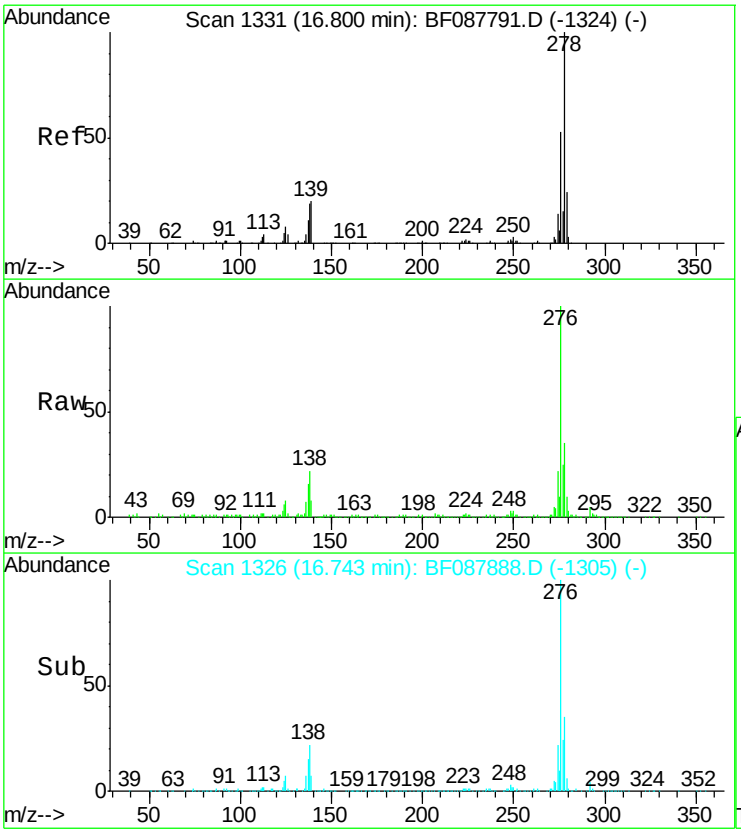
#89
Benzo(a)pyrene
Concen: 18.52 ng
RT: 15.41 min Scan# 1209
Delta R.T. 0.06 min
Lab File: BF087888.D
Acq: 10 Jun 2016 21:46

Instrument :
BNA_F
ClientSampleId :
STA-953-PLATFORM(0-4)

Tgt Ion:252 Resp: 210104

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	14.1	12.5	18.7

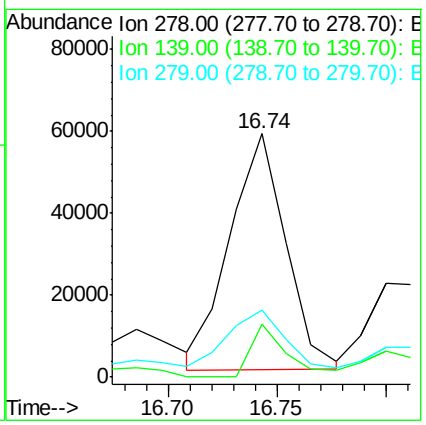


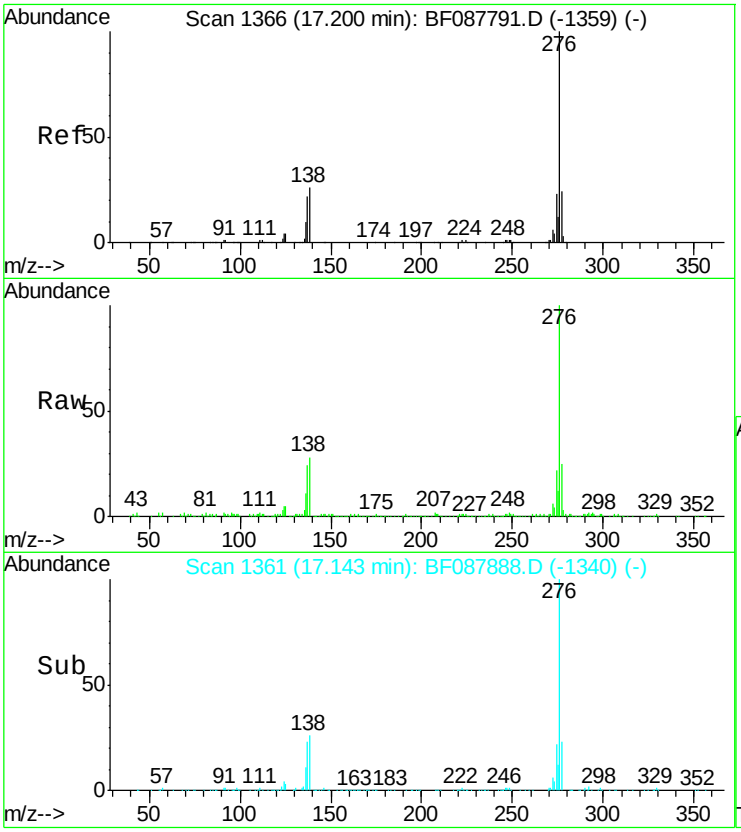


#90
Dibenzo(a,h)anthracene
Concen: 9.78 ng
RT: 16.74 min Scan# 1326
Delta R.T. -0.06 min
Lab File: BF087888.D
Acq: 10 Jun 2016 21:46

Tgt Ion:278 Resp: 103097

Ion	Ratio	Lower	Upper
278	100		
139	21.6	15.7	23.5
279	27.5	19.4	29.2





#91
Benzo(g,h,i)perylene
Concen: 27.47 ng
RT: 17.14 min Scan# 1361
Delta R.T. -0.06 min
Lab File: BF087888.D
Acq: 10 Jun 2016 21:46

Instrument :
BNA_F
ClientSampleId :
STA-953-PLATFORM(0-4)

Tgt Ion:276 Resp: 297721

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.9	28.3
138	27.6	21.4	32.2