Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088381.D
Acq On : 25 Jun 2016 17:14
Operator : UM/SJ
Sample : H3624-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SC-STA-1481(0-4)

Quant Time: Jun 26 01:58:05 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	234517	20.00	ng		0.11
21) Naphthalene-d8	7.85	136	322838	20.00	ng		-0.05
38) Acenaphthene-d10	9.59	164	138531	20.00	ng		-0.06
63) Phenanthrene-d10	11.07	188	228187	20.00	ng		-0.05
75) Chrysene-d12	13.70	240	141897	20.00	ng		-0.05
86) Perylene-d12	15.06	264	149410	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	436910	31.85	ng		-0.03
7) Phenol-d6	6.23	99	537364	32.32	ng		-0.03
23) Nitrobenzene-d5	7.14	82	363414	65.73	ng		-0.03
41) 2,4,6-Tribromophenol	10.39	330	113927	77.89	ng		-0.05
44) 2-Fluorobiphenyl	8.92	172	619306	69.20	ng		-0.05
78) Terphenyl-d14	12.65	244	396104	63.52	ng		-0.05
Target Compounds							Qvalue
10) Phenol	6.33	94	700	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.14	70	46652	4.39	ng	#	67
25) Isophorone	7.14	82	357868	34.95	ng	#	65
31) Naphthalene	7.87	128	36346	2.28	ng		98
45) 1,1'-Biphenyl	9.03	154	4178	Below Cal			95
48) Acenaphthylene	9.45	152	271419	19.03	ng		99
49) Dimethylphthalate	9.32	163	103062	10.27	ng		100
55) 4-Nitrophenol	9.79	139	8156	3.96	ng	#	8
57) Fluorene	10.14	166	36369	Below Cal			97
66) 4-Bromophenyl-phenylether	10.38	248	6990	2.86	ng	#	1
70) Phenanthrene	11.10	178	379205	31.67	ng		98
71) Anthracene	11.14	178	286107	23.69	ng		99
72) Carbazole	11.31	167	54089	4.79	ng		97
74) Fluoranthene	12.28	202	1165598	92.24	ng		100
77) Pyrene	12.51	202	1284799	122.02	ng		99
80) Benzo(a)anthracene	13.69	228	914086	113.04	ng	#	91
82) Chrysene	13.69	228	914086	120.16	ng		95
85) Indeno(1,2,3-cd)pyrene	16.30	276	350962	49.66	ng	#	100
87) Benzo(b)fluoranthene	14.71	252	1340579	128.73	ng	#	94
88) Benzo(k)fluoranthene	14.71	252	1340579	170.65	ng		98
89) Benzo(a)pyrene	14.96	252	462593	54.90	ng		100
90) Dibenzo(a,h)anthracene	16.43	278	66896	8.55	ng		96
91) Benzo(g,h,i)perylene	16.66	276	286173	35.55	ng		100

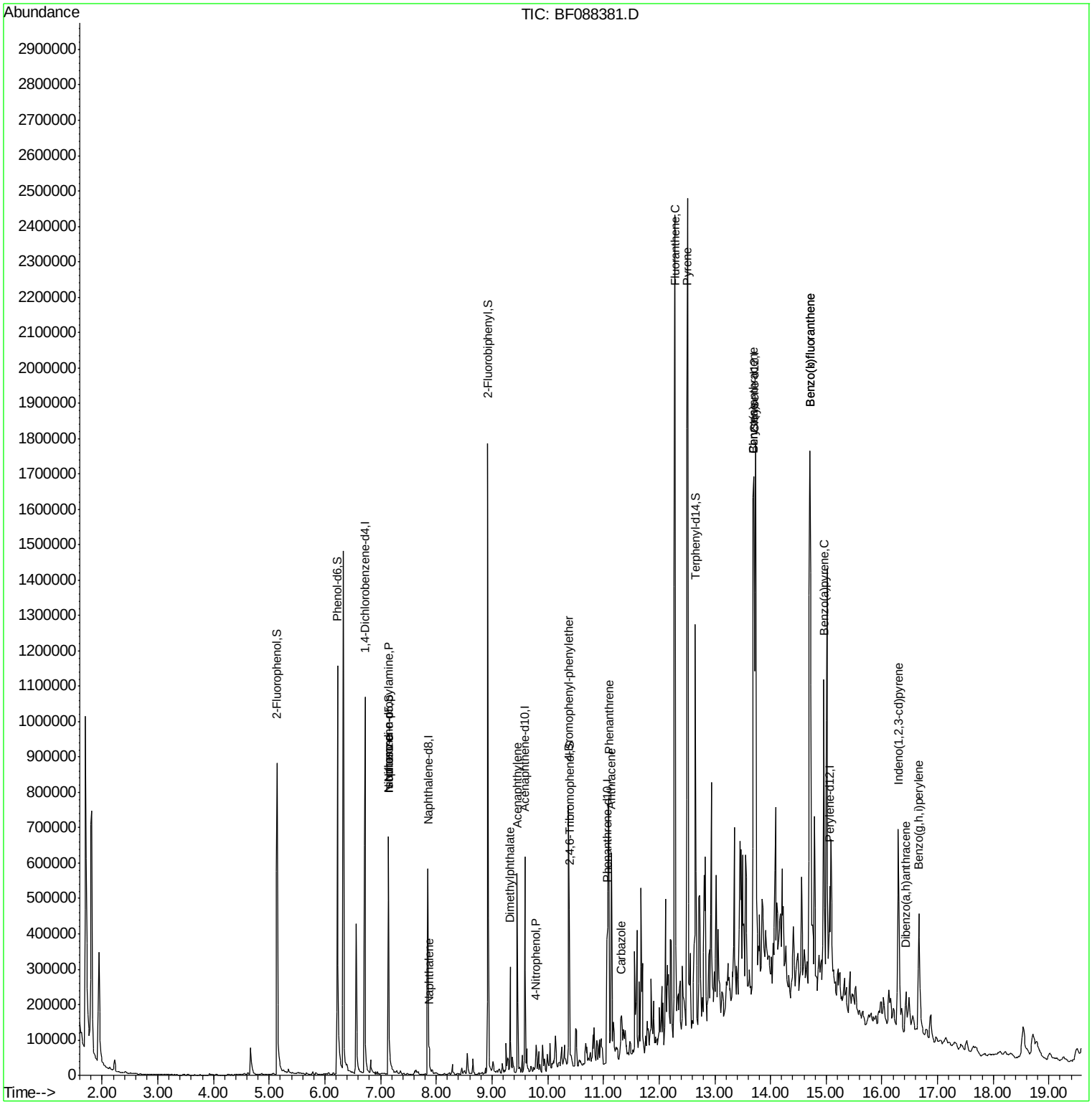
(#) = qualifier out of range (m) = manual integration (+) = signals summed

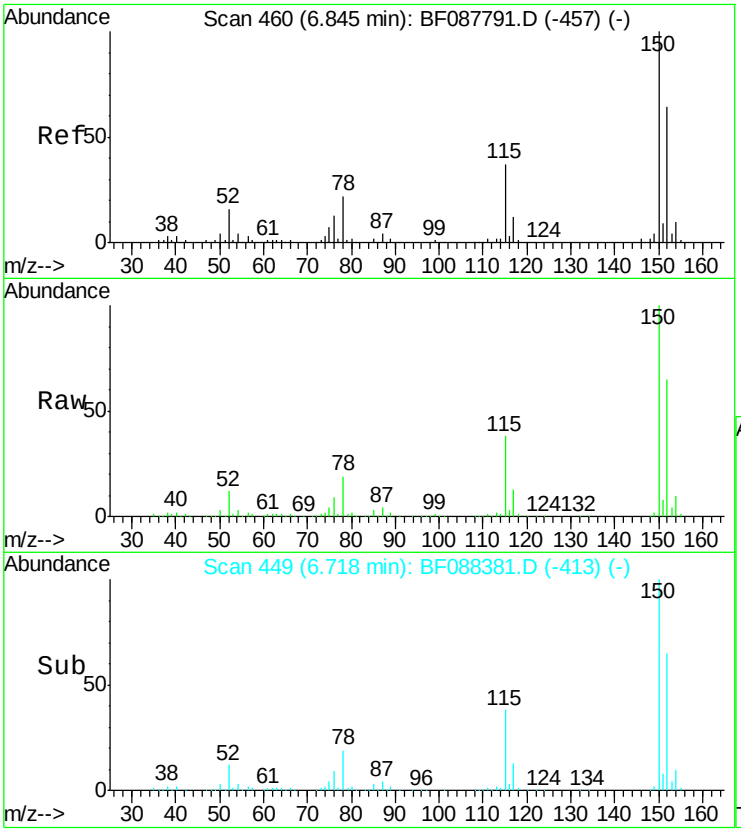
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088381.D
Acq On : 25 Jun 2016 17:14
Operator : UM/SJ
Sample : H3624-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-STA-1481(0-4)

Quant Time: Jun 26 01:58:05 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration



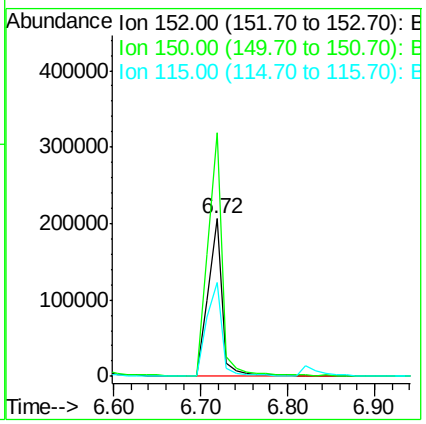


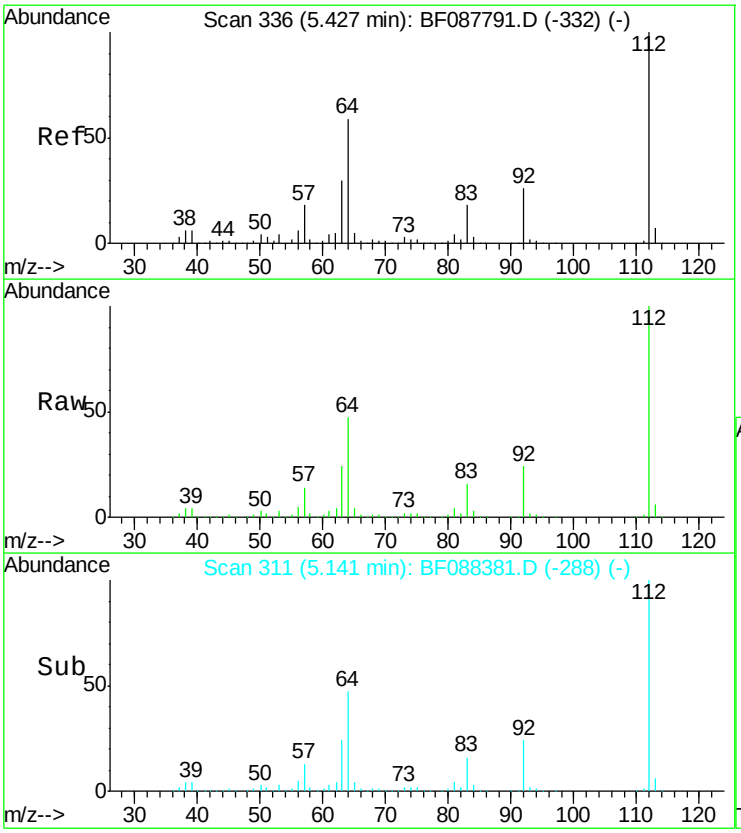
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 449
Delta R.T. 0.11 min
Lab File: BF088381.D
Acq: 25 Jun 2016 17:14

Instrument :
BNA_F
ClientSampleId :
SC-STA-1481(0-4)

Tgt Ion:152 Resp: 234517

Ion	Ratio	Lower	Upper
152	100		
150	154.3	123.8	185.6
115	59.1	39.6	59.4

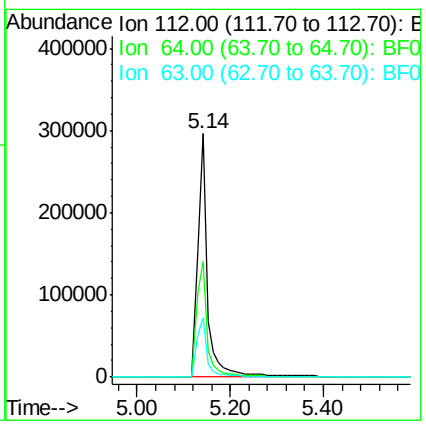


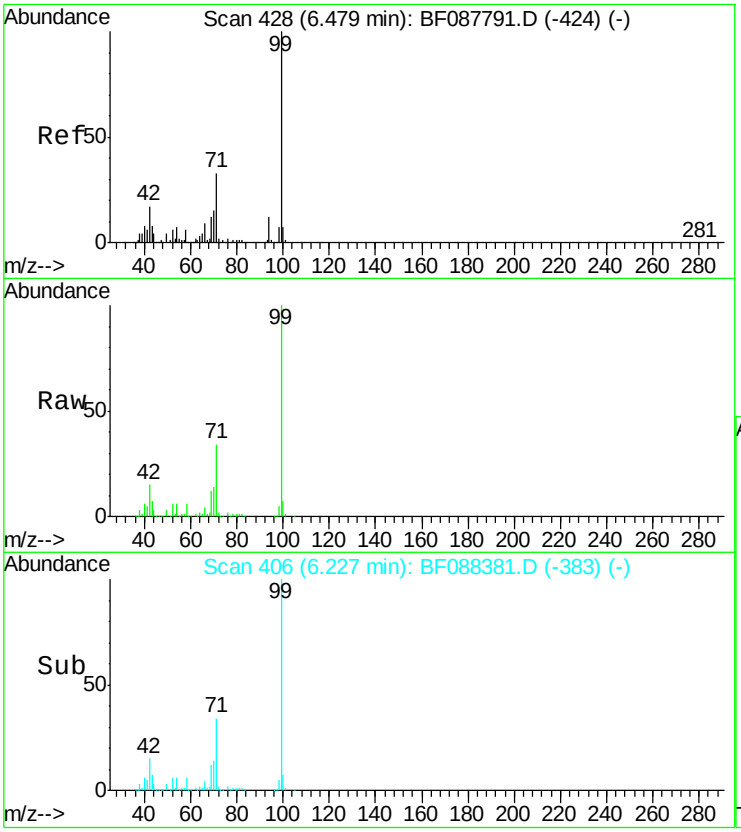


#5
2-Fluorophenol
Concen: 31.85 ng
RT: 5.14 min Scan# 311
Delta R.T. -0.03 min
Lab File: BF088381.D
Acq: 25 Jun 2016 17:14

Tgt Ion:112 Resp: 436910

Ion	Ratio	Lower	Upper
112	100		
64	47.2	42.2	63.2
63	24.1	21.8	32.8



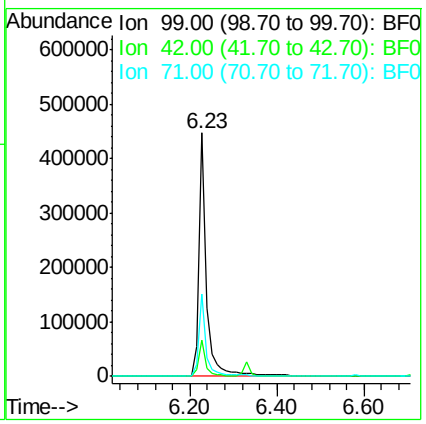


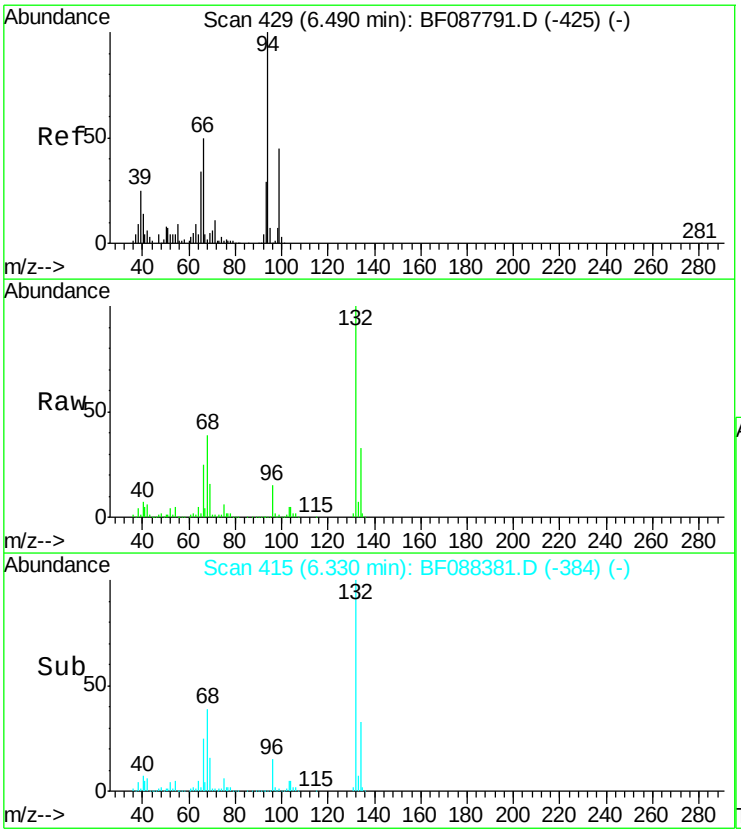
#7
Phenol-d6
Concen: 32.32 ng
RT: 6.23 min Scan# 406
Delta R.T. -0.03 min
Lab File: BF088381.D
Acq: 25 Jun 2016 17:14

Instrument :
BNA_F
ClientSampleId :
SC-STA-1481(0-4)

Tgt Ion: 99 Resp: 537364

Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.2	18.2
71	33.7	23.4	35.0

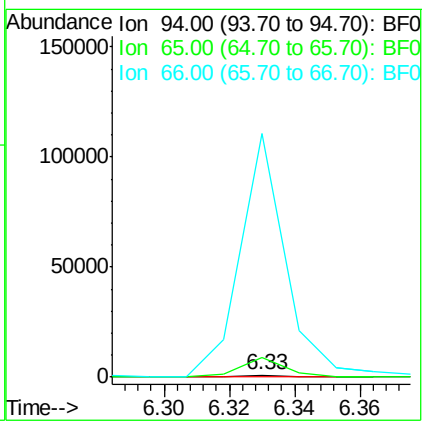


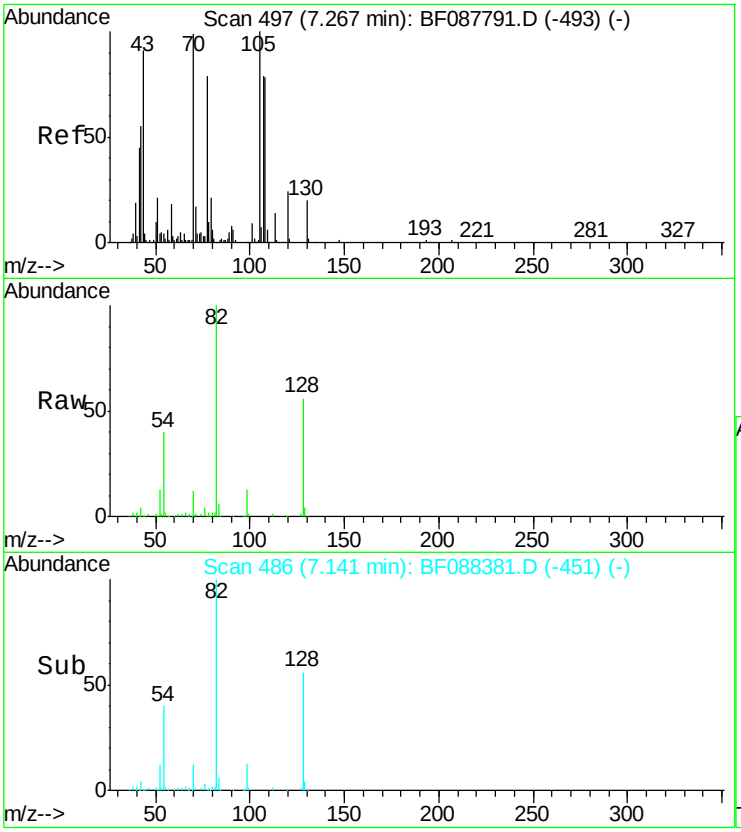


#10
Phenol
Concen: Below Cal
RT: 6.33 min Scan# 415
Delta R.T. 0.06 min
Lab File: BF088381.D
Acq: 25 Jun 2016 17:14

Tgt Ion: 94 Resp: 700

Ion	Ratio	Lower	Upper
94	100		
65	854.9	5.9	45.9#
66	10834.1	14.0	54.0#



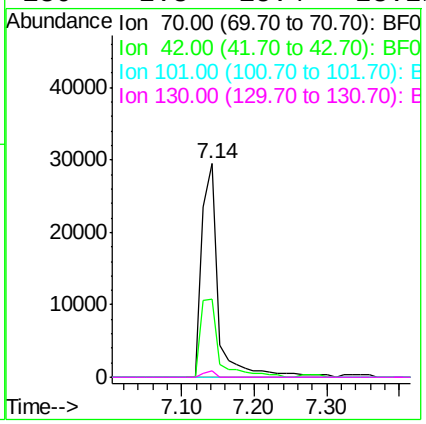


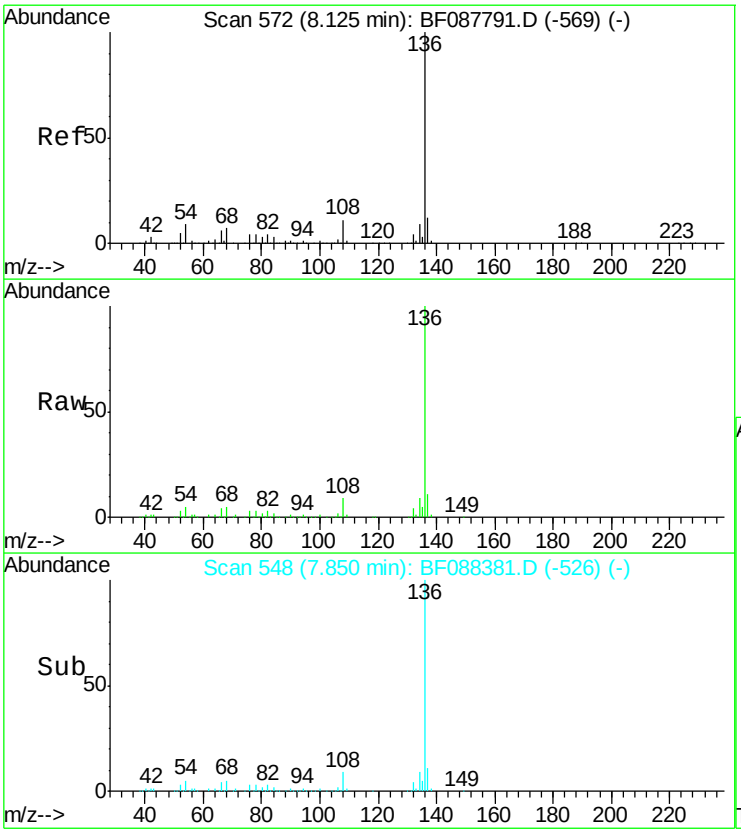
#19
n-Nitroso-di-n-propylamine
Concen: 4.39 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.10 min
Lab File: BF088381.D
Acq: 25 Jun 2016 17:14

Instrument :
BNA_F
ClientSampleId :
SC-STA-1481(0-4)

Tgt Ion: 70 Resp: 46652

Ion	Ratio	Lower	Upper
70	100		
42	36.3	49.6	74.4#
101	0.0	7.1	10.7#
130	2.8	15.4	23.2#

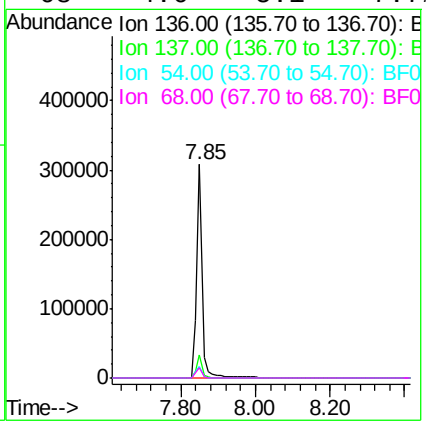


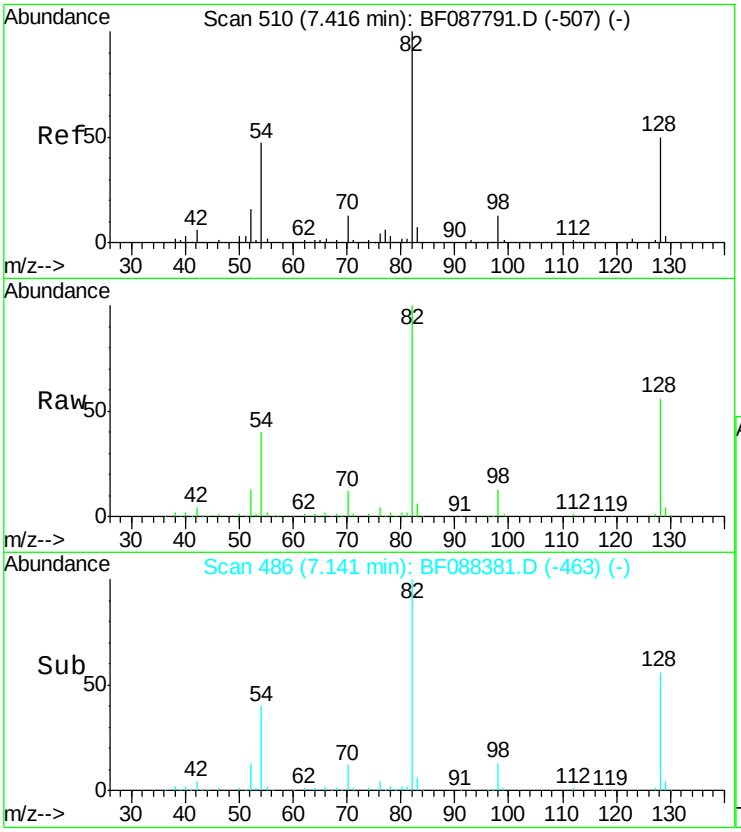


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF088381.D
Acq: 25 Jun 2016 17:14

Tgt Ion:136 Resp: 322838

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.2	6.6	10.0#
68	4.6	5.1	7.7#



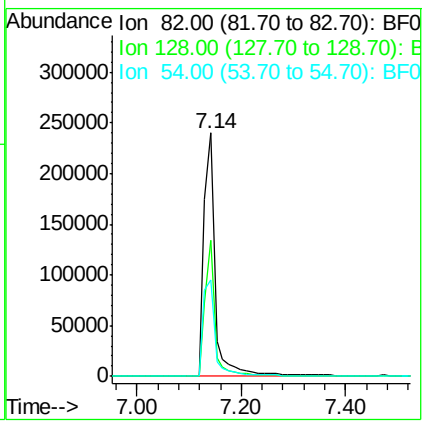


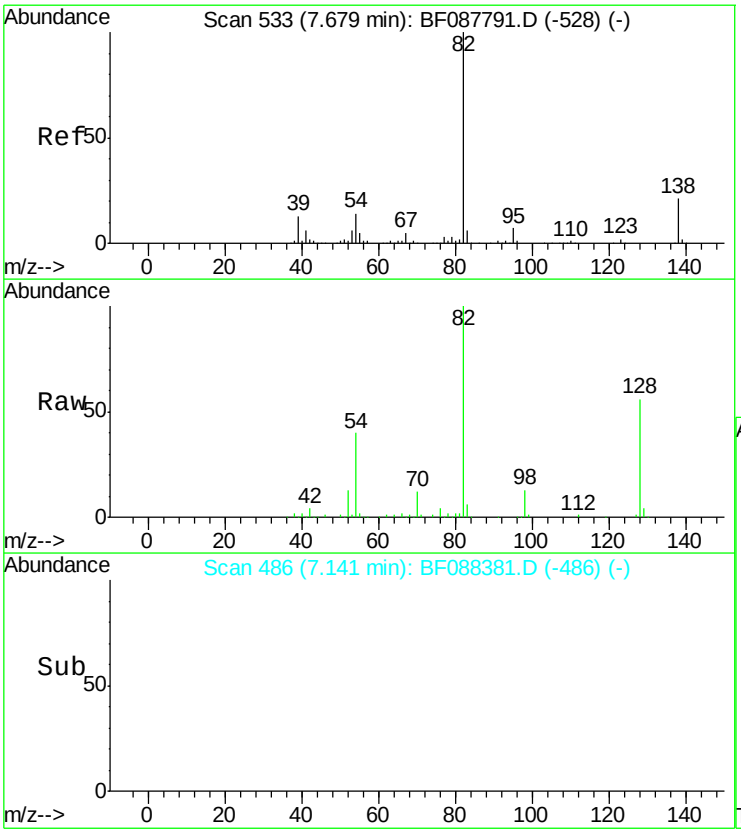
#23
Nitrobenzene-d5
Concen: 65.73 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.03 min
Lab File: BF088381.D
Acq: 25 Jun 2016 17:14

Instrument :
BNA_F
ClientSampleId :
SC-STA-1481(0-4)

Tgt Ion: 82 Resp: 363414

Ion	Ratio	Lower	Upper
82	100		
128	56.1	35.9	53.9#
54	39.8	40.9	61.3#

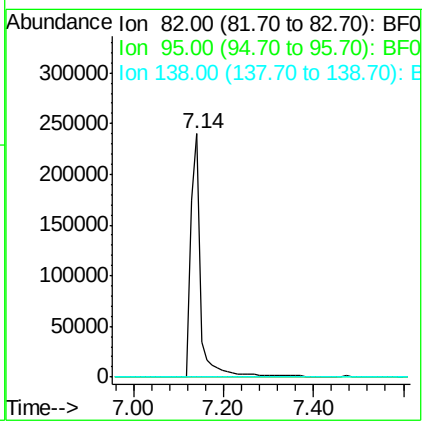


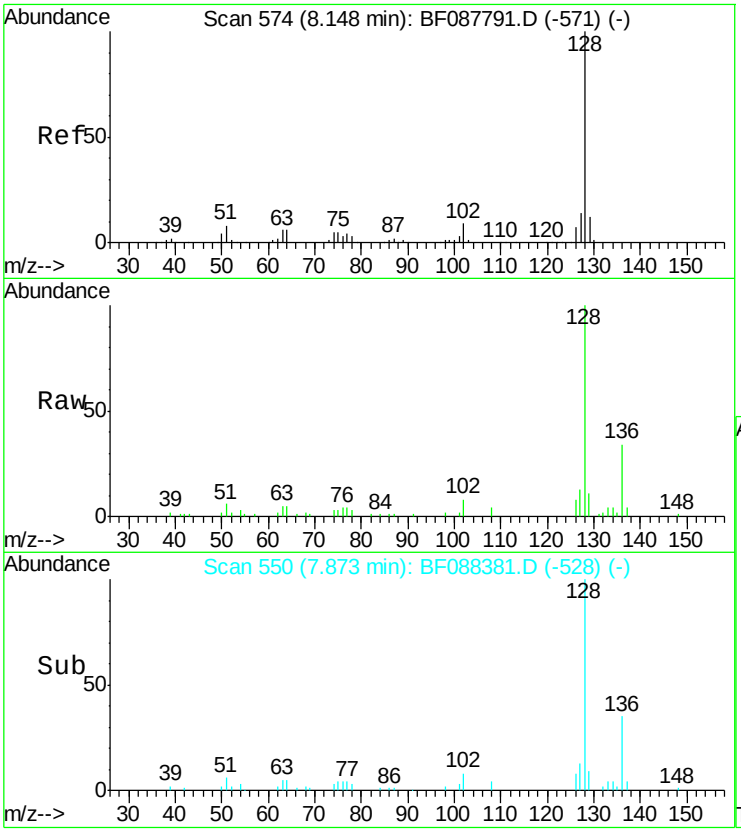


#25
Isophorone
Concen: 34.95 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.30 min
Lab File: BF088381.D
Acq: 25 Jun 2016 17:14

Tgt Ion: 82 Resp: 357868

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#



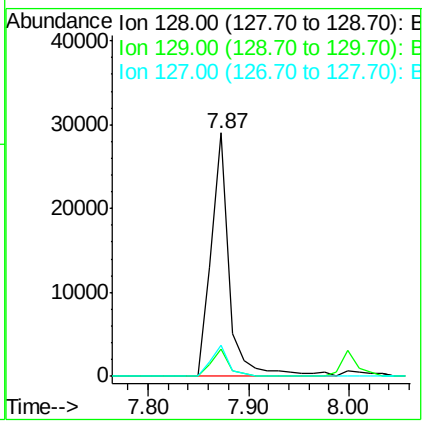


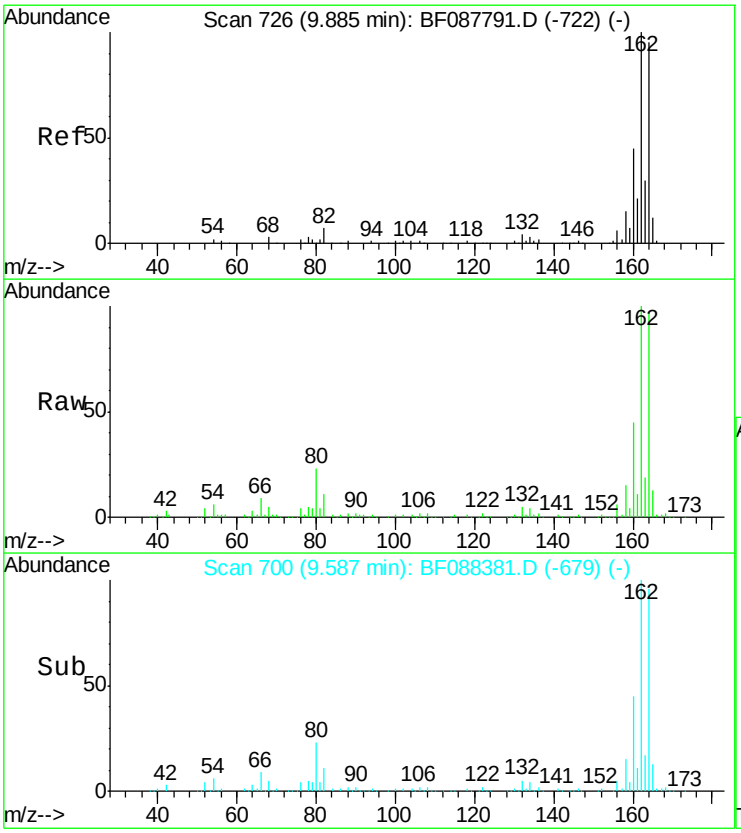
#31
Naphthalene
Concen: 2.28 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.05 min
Lab File: BF088381.D
Acq: 25 Jun 2016 17:14

Instrument :
BNA_F
ClientSampleId :
SC-STA-1481(0-4)

Tgt Ion:128 Resp: 36346

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.2
127	12.8	10.9	16.3

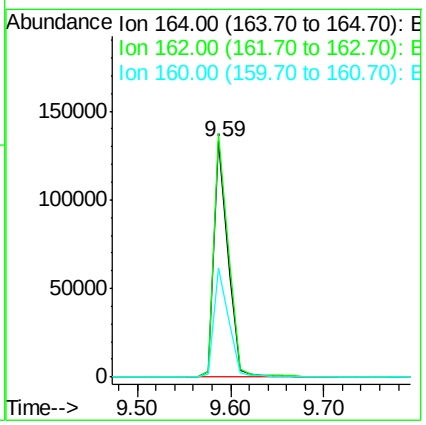


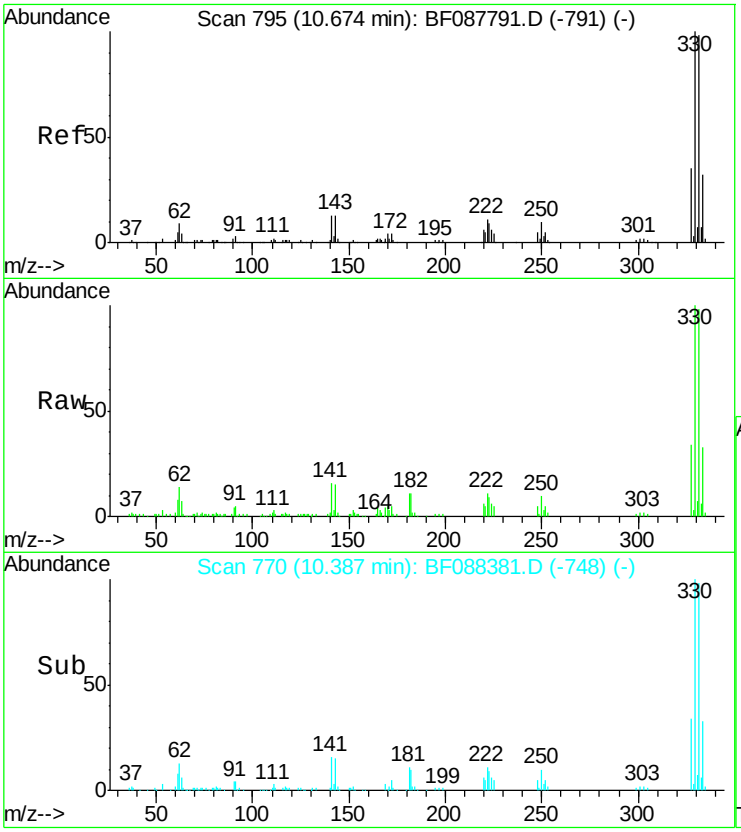


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.06 min
Lab File: BF088381.D
Acq: 25 Jun 2016 17:14

Tgt Ion:164 Resp: 138531

Ion	Ratio	Lower	Upper
164	100		
162	103.3	85.4	128.2
160	46.5	39.5	59.3



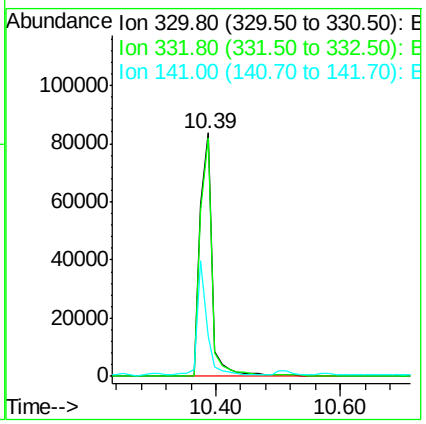


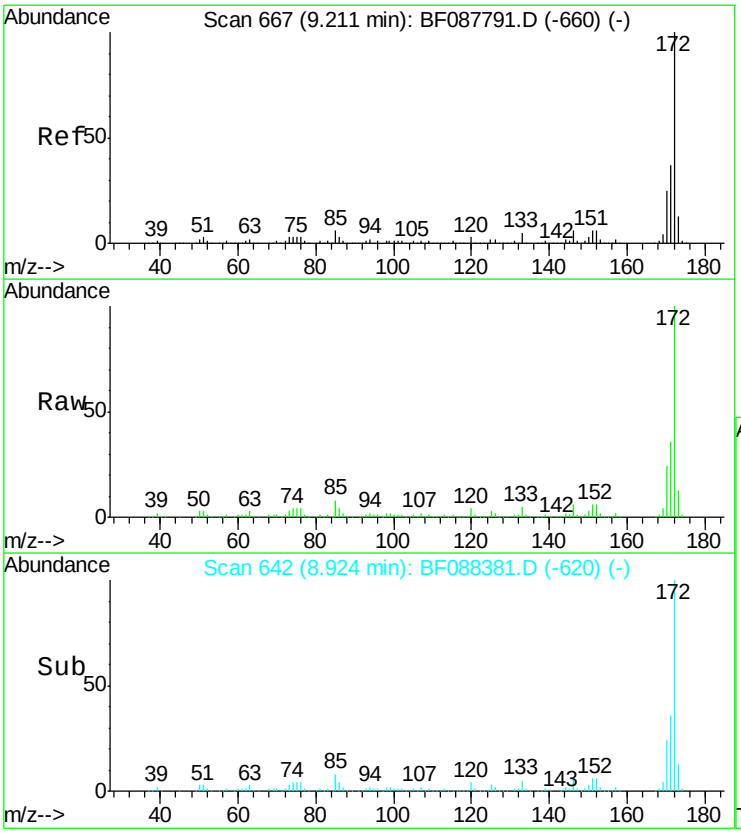
#41
2,4,6-Tribromophenol
Concen: 77.89 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.05 min
Lab File: BF088381.D
Acq: 25 Jun 2016 17:14

Instrument :
BNA_F
ClientSampleId :
SC-STA-1481(0-4)

Tgt Ion:330 Resp: 113927

Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	38.2	0.0	0.0#

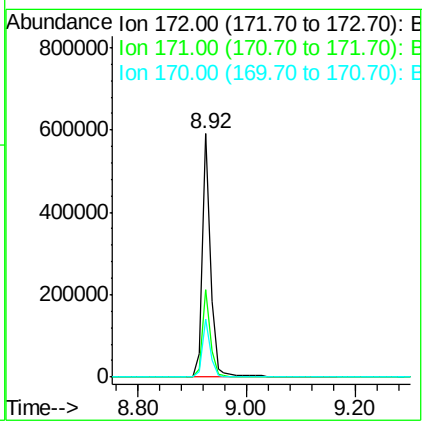


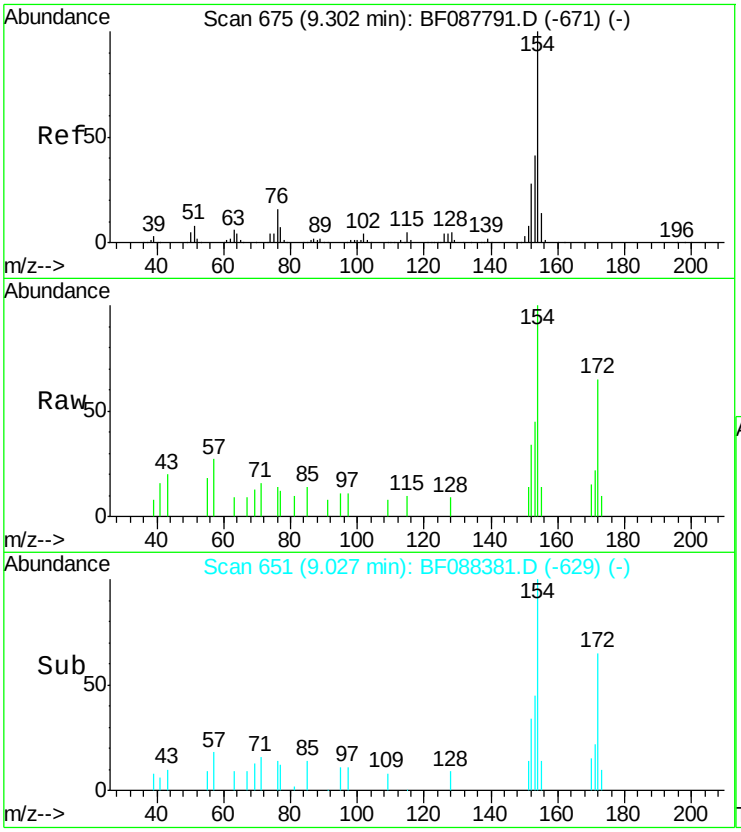


#44
2-Fluorobiphenyl
Concen: 69.20 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF088381.D
Acq: 25 Jun 2016 17:14

Tgt Ion:172 Resp: 619306

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.9	19.2	28.8



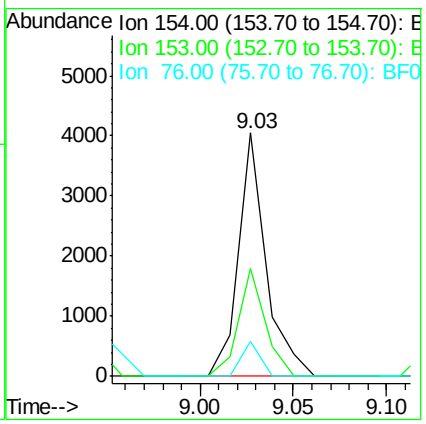


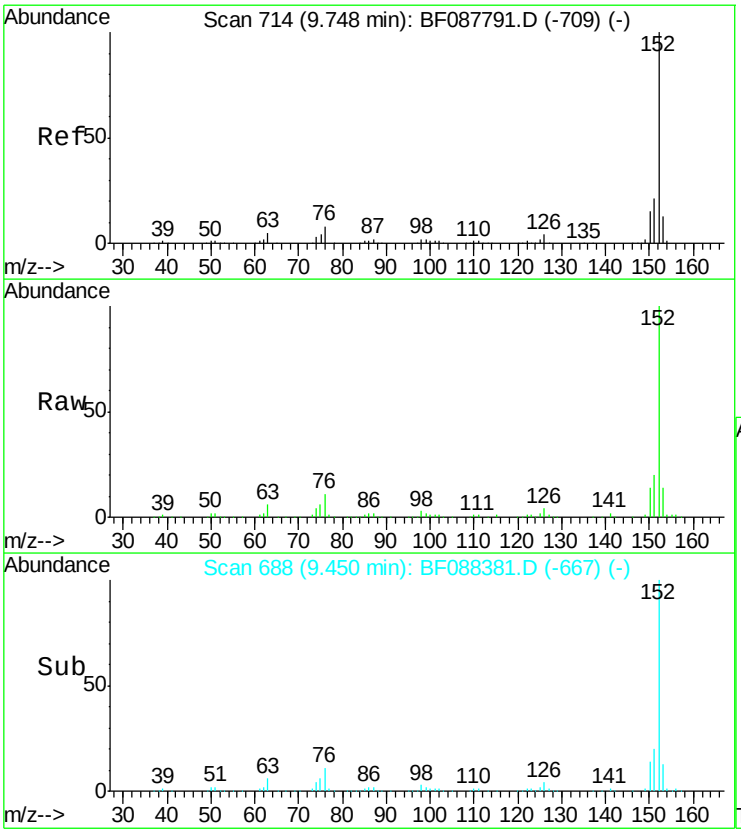
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.03 min Scan# 651
Delta R.T. -0.05 min
Lab File: BF088381.D
Acq: 25 Jun 2016 17:14

Instrument :
BNA_F
ClientSampleId :
SC-STA-1481(0-4)

Tgt Ion:154 Resp: 4178

Ion	Ratio	Lower	Upper
154	100		
153	44.6	20.6	60.6
76	14.1	0.0	35.1

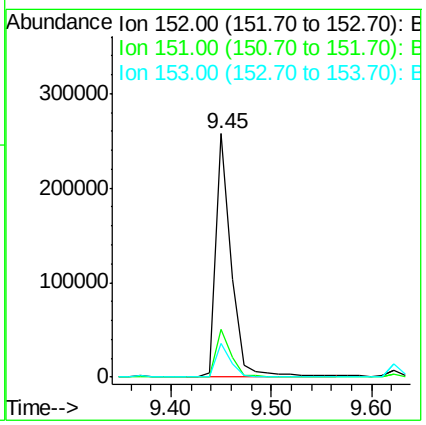


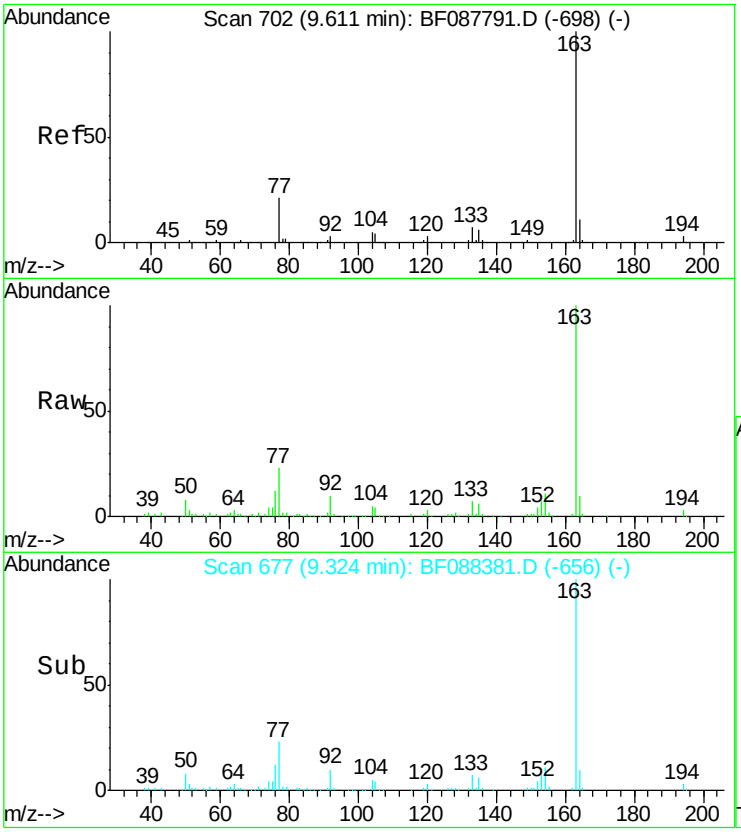


#48
Acenaphthylene
Concen: 19.03 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.06 min
Lab File: BF088381.D
Acq: 25 Jun 2016 17:14

Tgt Ion:152 Resp: 271419

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.4
153	13.6	11.0	16.6



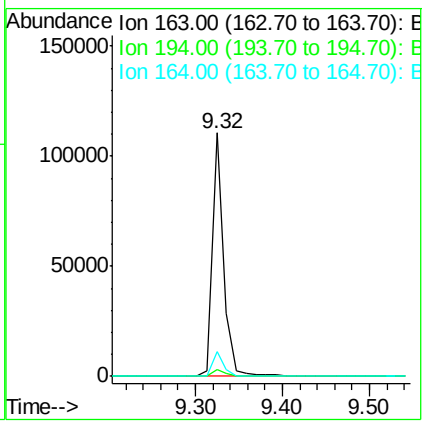


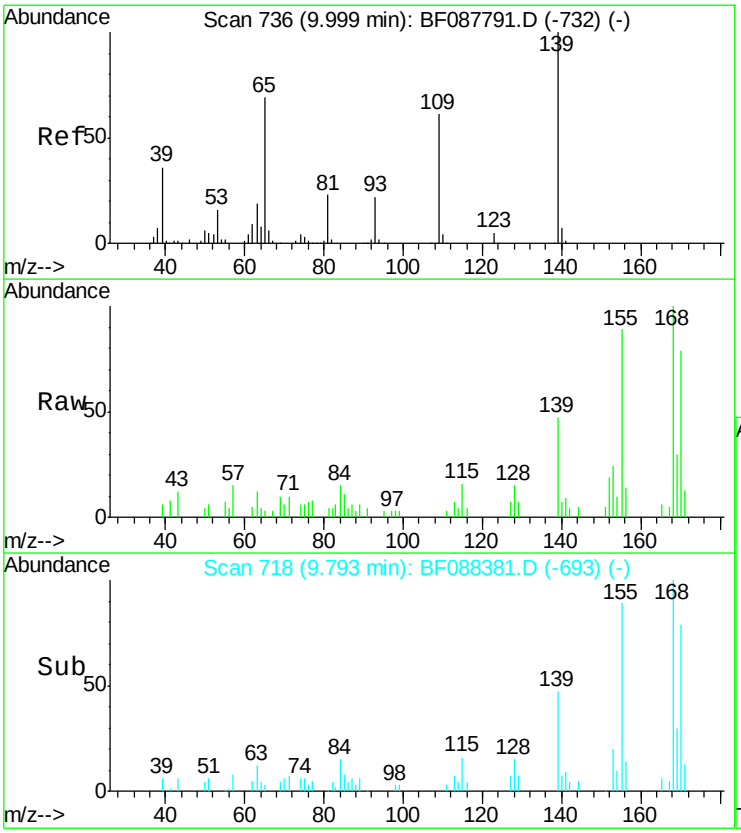
#49
Dimethylphthalate
Concen: 10.27 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.06 min
Lab File: BF088381.D
Acq: 25 Jun 2016 17:14

Instrument :
BNA_F
ClientSampleId :
SC-STA-1481(0-4)

Tgt Ion:163 Resp: 103062

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.8	4.2
164	10.3	8.3	12.5

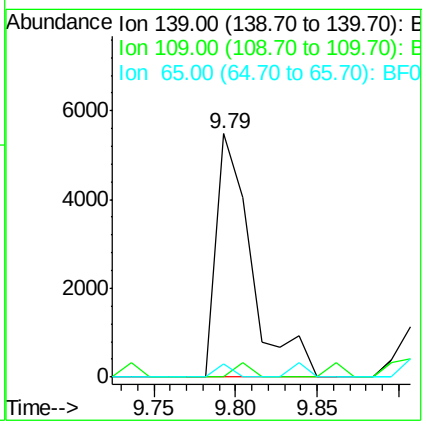


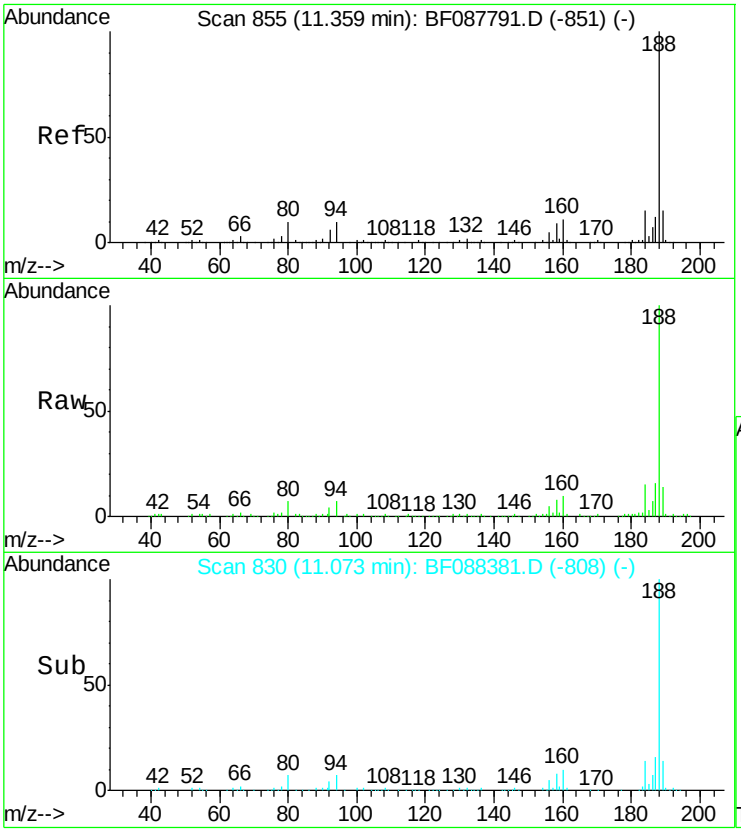


#55
4-Nitrophenol
Concen: 3.96 ng
RT: 9.79 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF088381.D
Acq: 25 Jun 2016 17:14

Tgt Ion:139 Resp: 8156

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.9	88.9#
65	5.6	84.9	124.9#



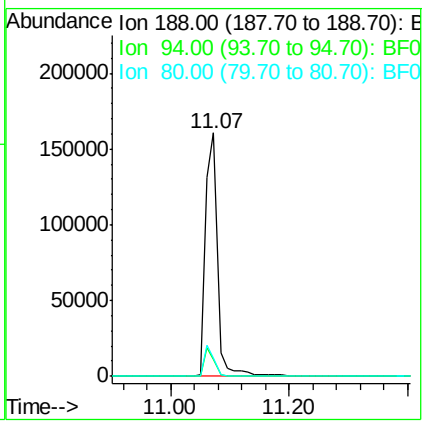


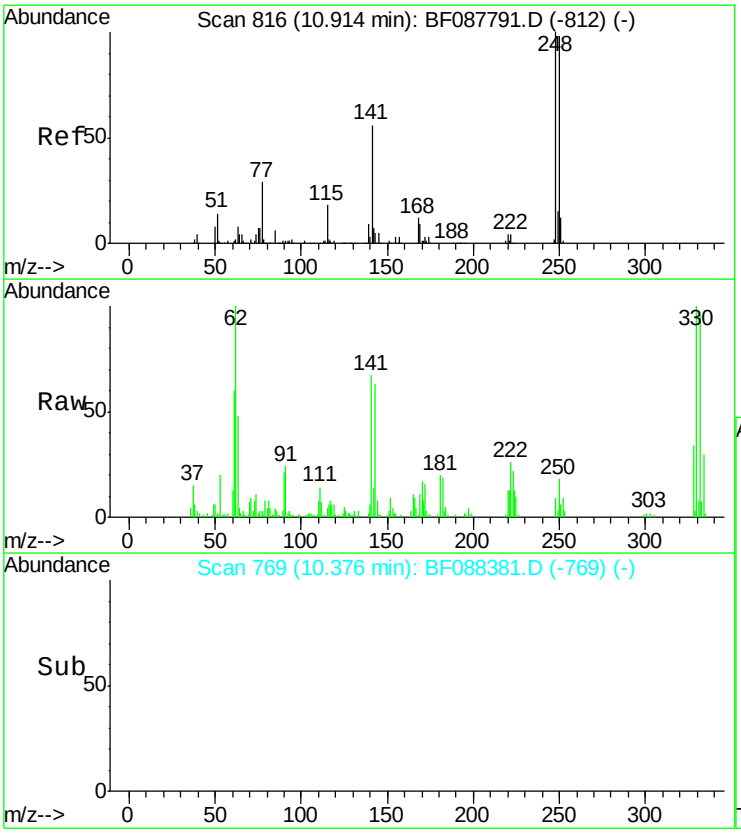
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.05 min
Lab File: BF088381.D
Acq: 25 Jun 2016 17:14

Instrument :
BNA_F
ClientSampleId :
SC-STA-1481(0-4)

Tgt Ion:188 Resp: 228187

Ion	Ratio	Lower	Upper
188	100		
94	7.2	9.0	13.6#
80	7.4	10.0	15.0#

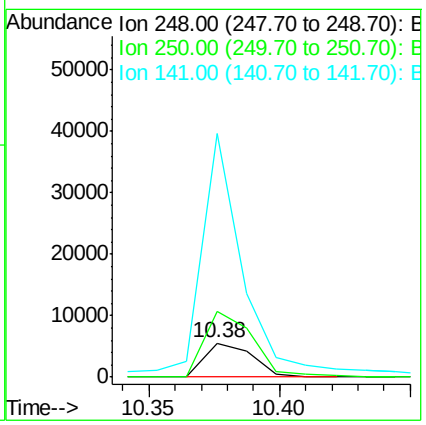


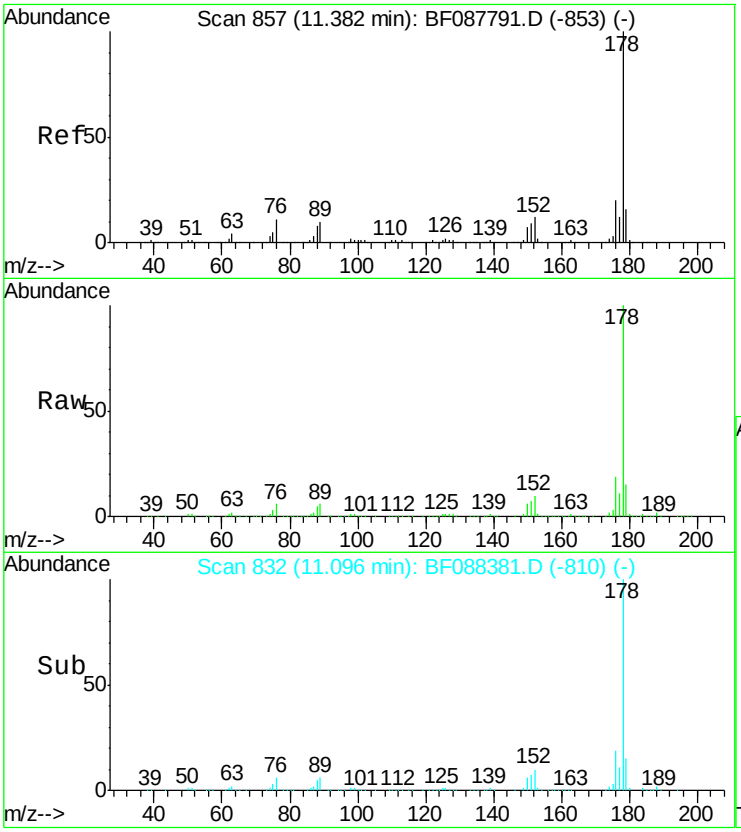


#66
4-Bromophenyl-phenylether
Concen: 2.86 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.30 min
Lab File: BF088381.D
Acq: 25 Jun 2016 17:14

Tgt Ion:248 Resp: 6990

Ion	Ratio	Lower	Upper
248	100		
250	192.7	77.1	115.7#
141	718.9	50.6	76.0#



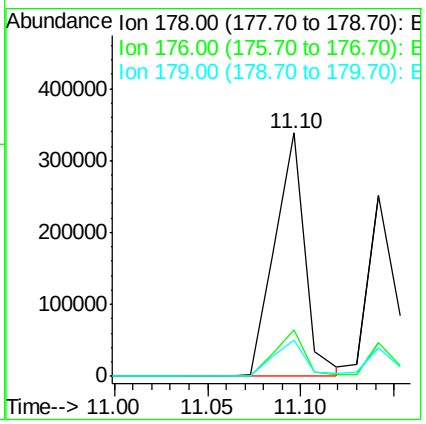


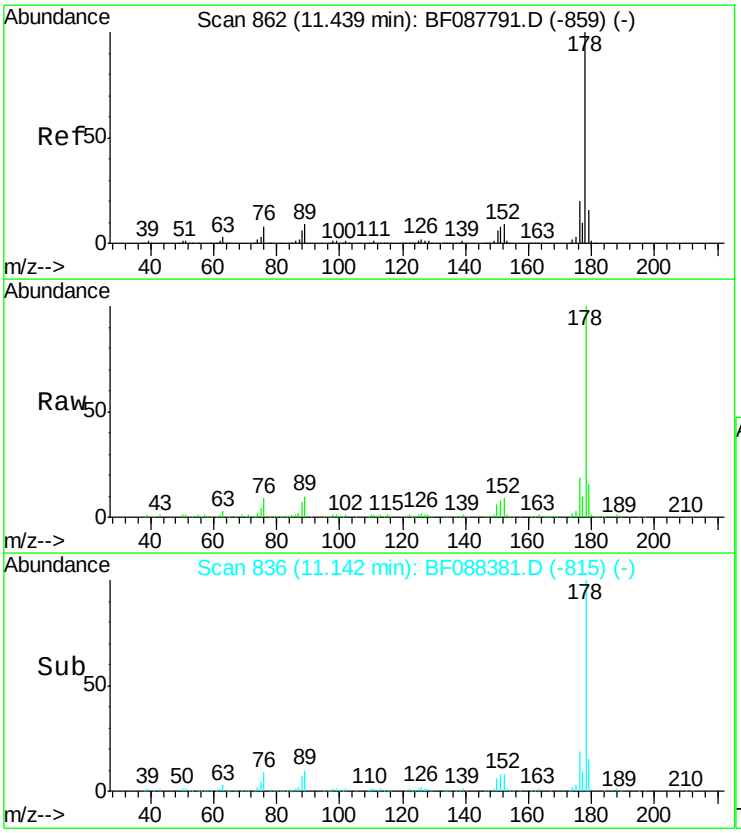
#70
Phenanthrene
Concen: 31.67 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.05 min
Lab File: BF088381.D
Acq: 25 Jun 2016 17:14

Instrument :
BNA_F
ClientSampleId :
SC-STA-1481(0-4)

Tgt Ion:178 Resp: 379205

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.6
179	15.1	13.0	19.4

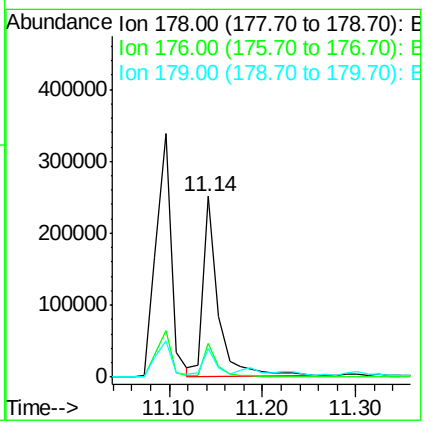


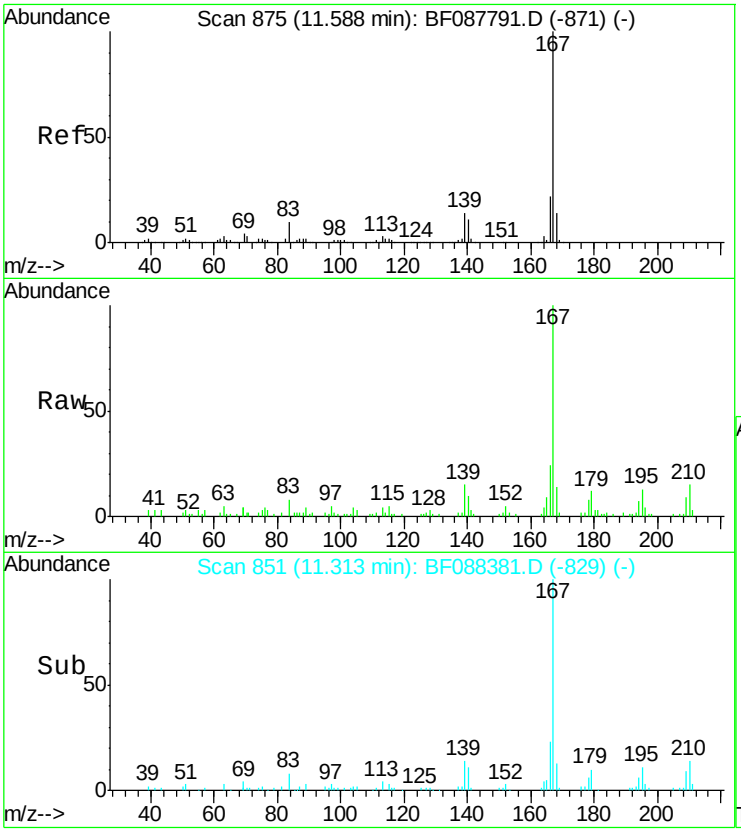


#71
Anthracene
Concen: 23.69 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.06 min
Lab File: BF088381.D
Acq: 25 Jun 2016 17:14

Tgt Ion:178 Resp: 286107

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.6	23.4
179	15.6	12.8	19.2



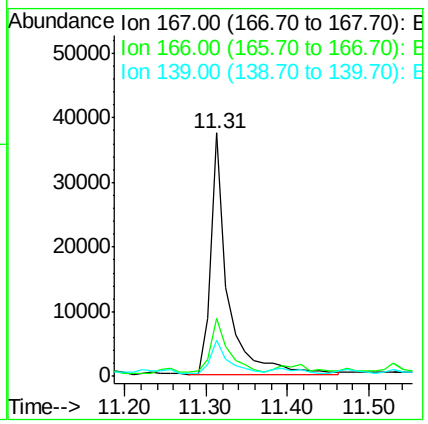


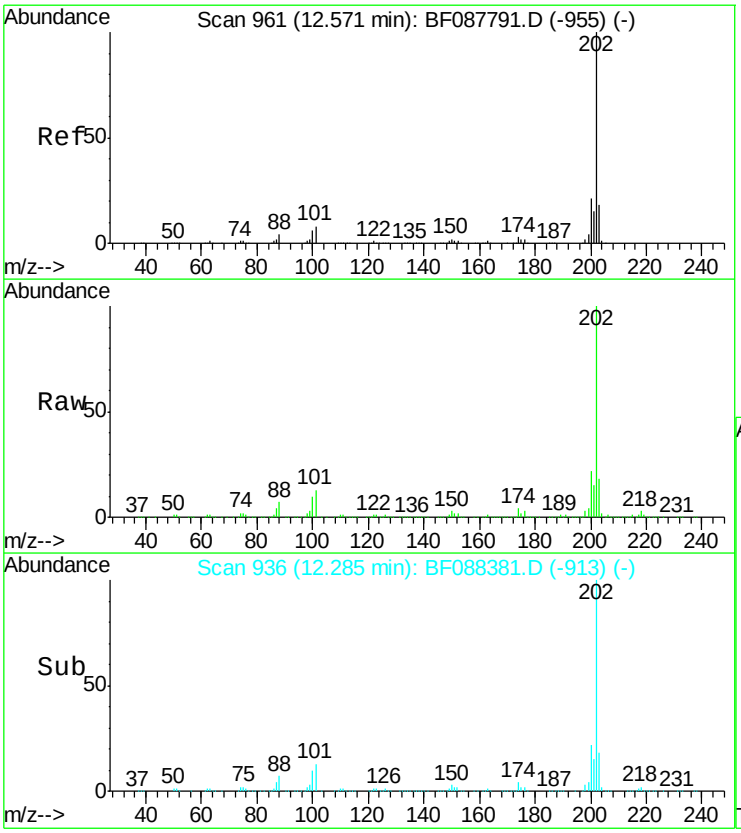
#72
Carbazole
Concen: 4.79 ng
RT: 11.31 min Scan# 851
Delta R.T. -0.05 min
Lab File: BF088381.D
Acq: 25 Jun 2016 17:14

Instrument :
BNA_F
ClientSampleId :
SC-STA-1481(0-4)

Tgt Ion:167 Resp: 54089

Ion	Ratio	Lower	Upper
167	100		
166	23.6	17.8	26.6
139	14.8	11.2	16.8





#74
Fluoranthene
Concen: 92.24 ng
RT: 12.28 min Scan# 936
Delta R.T. -0.03 min
Lab File: BF088381.D
Acq: 25 Jun 2016 17:14

Tgt Ion:202 Resp: 1165598

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.1
203	18.1	0.0	38.1