Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062716\
Data File : BF088481.D
Acq On : 28 Jun 2016 7:02
Operator : UM/SJ
Sample : H3624-20DL 2X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SC-STA-1506(0-4)DL

Quant Time: Jun 28 07:39:22 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 28 05:25:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	115114	20.00	ng		0.15
21) Naphthalene-d8	7.83	136	313007	20.00	ng		-0.01
38) Acenaphthene-d10	9.58	164	127002	20.00	ng		-0.01
63) Phenanthrene-d10	11.05	188	192713	20.00	ng		-0.01
75) Chrysene-d12	13.69	240	158888	20.00	ng		0.00
86) Perylene-d12	15.04	264	168697	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	234897	34.88	ng		-0.01
7) Phenol-d6	6.20	99	309896	37.97	ng		-0.02
23) Nitrobenzene-d5	7.12	82	165534	30.88	ng		-0.01
41) 2,4,6-Tribromophenol	10.36	330	43880	32.72	ng		-0.01
44) 2-Fluorobiphenyl	8.90	172	321320	36.59	ng		-0.02
78) Terphenyl-d14	12.64	244	193170	27.67	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.31	94	361	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.12	70	21013	4.03	ng	#	67
25) Isophorone	7.12	82	131369	13.23	ng	#	65
45) 1,1'-Biphenyl	9.02	154	1084	Below Cal			89
48) Acenaphthylene	9.44	152	95650	7.32	ng		98
49) Dimethylphthalate	9.31	163	57618	6.26	ng		99
50) 2,6-Dinitrotoluene	9.58	165	16266	7.72	ng	#	37
57) Fluorene	10.12	166	7667	Below Cal		#	87
70) Phenanthrene	11.07	178	84944	8.40	ng		98
71) Anthracene	11.13	178	101279	9.93	ng		98
74) Fluoranthene	12.26	202	432249	40.50	ng		99
77) Pyrene	12.49	202	536326	45.49	ng		99
80) Benzo(a)anthracene	13.68	228	350346	38.69	ng	#	91
82) Chrysene	13.68	228	350346	41.13	ng		96
85) Indeno(1,2,3-cd)pyrene	16.29	276	100095	12.65	ng	#	100
87) Benzo(b)fluoranthene	14.69	252	452335	38.47	ng	#	95
88) Benzo(k)fluoranthene	14.69	252	452335	51.00	ng		99
89) Benzo(a)pyrene	14.99	252	216572	22.77	ng		97
90) Dibenzo(a,h)anthracene	16.27	278	24718	2.80	ng	#	75
91) Benzo(g,h,i)perylene	16.65	276	86662	9.54	ng		99

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

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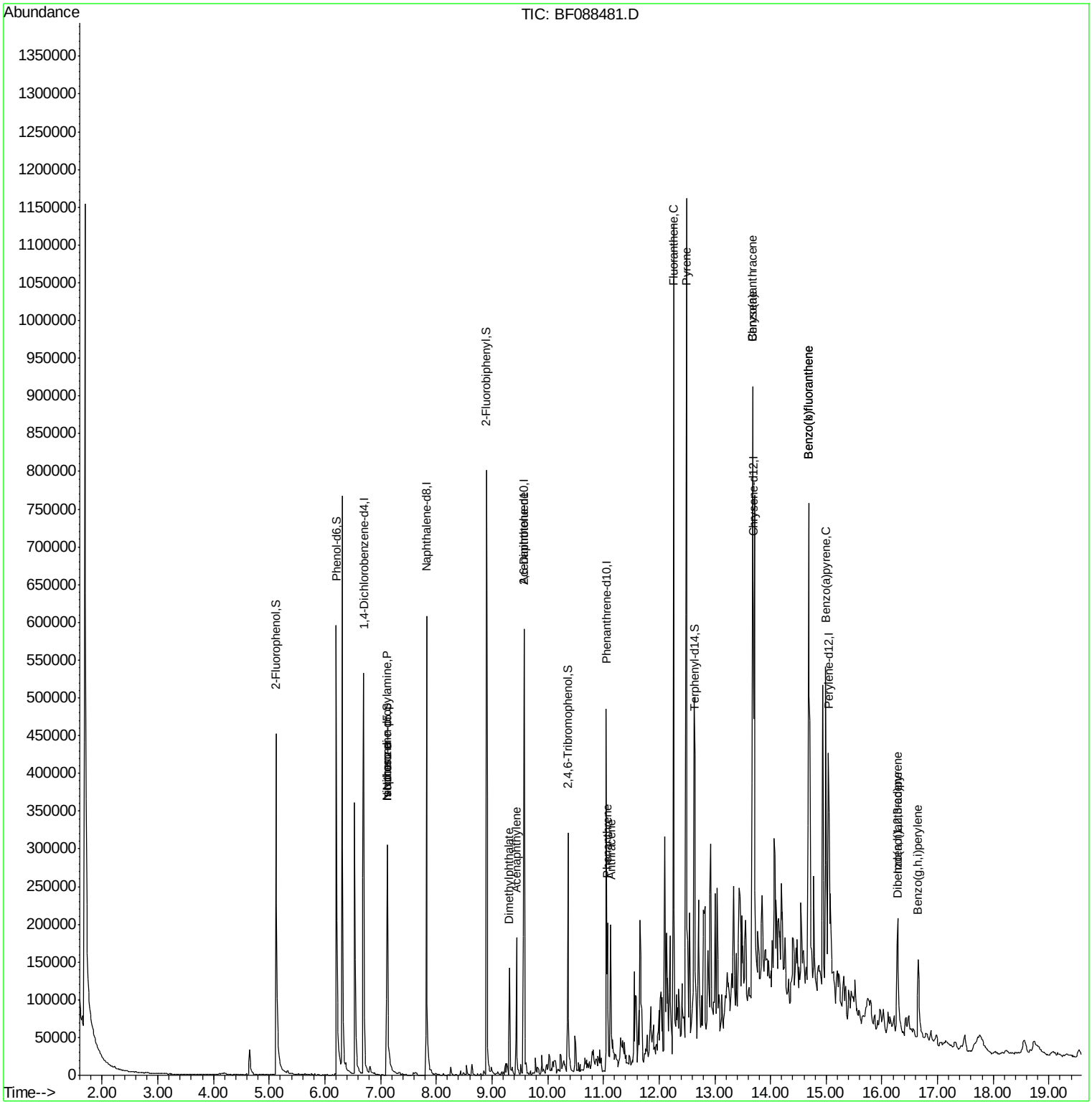
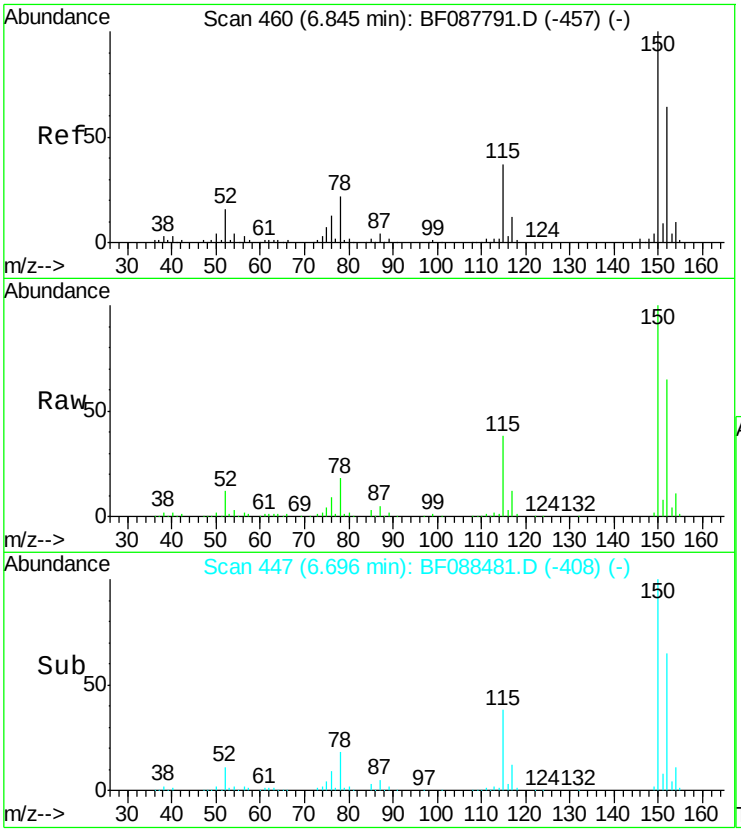


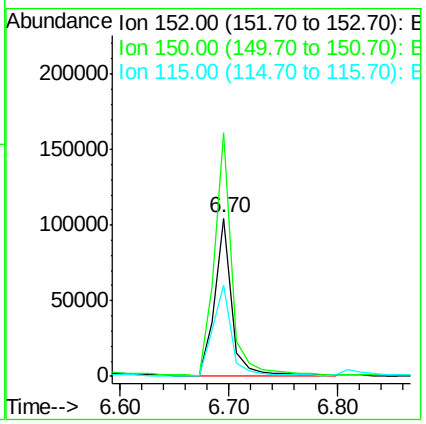


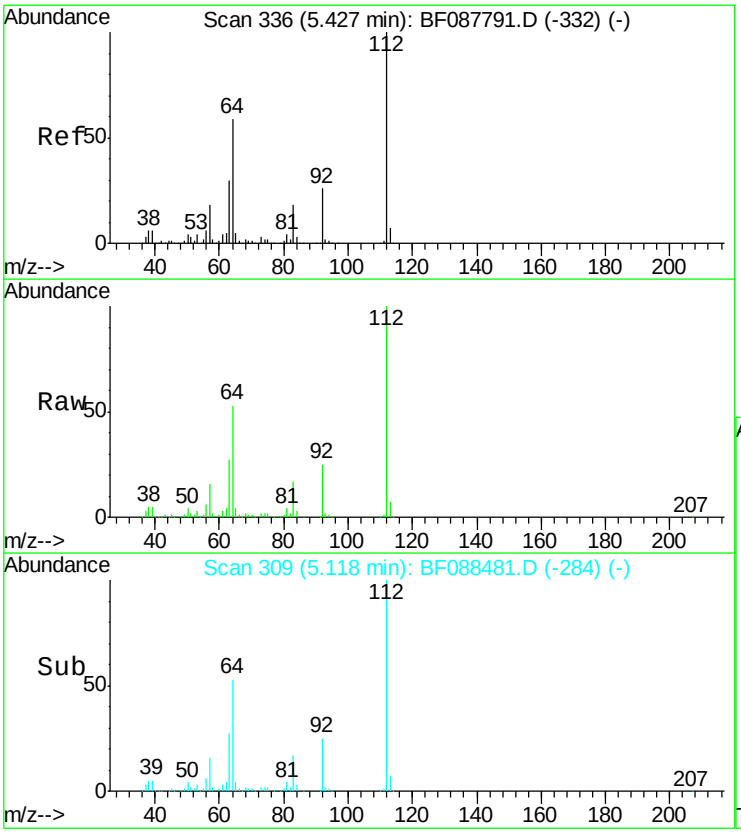
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.15 min
Lab File: BF088481.D
Acq: 28 Jun 2016 7:02

Instrument :
BNA_F
ClientSampleId :
SC-STA-1506(0-4)DL

Tgt Ion:152 Resp: 115114

Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.8	185.6
115	58.1	39.6	59.4

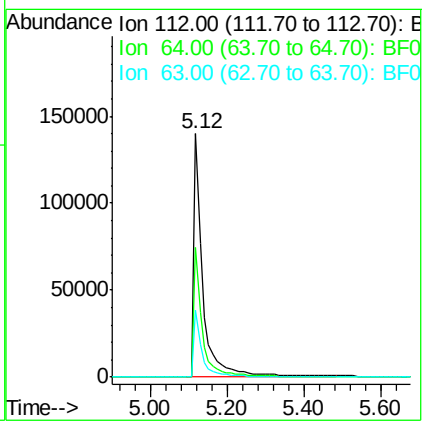


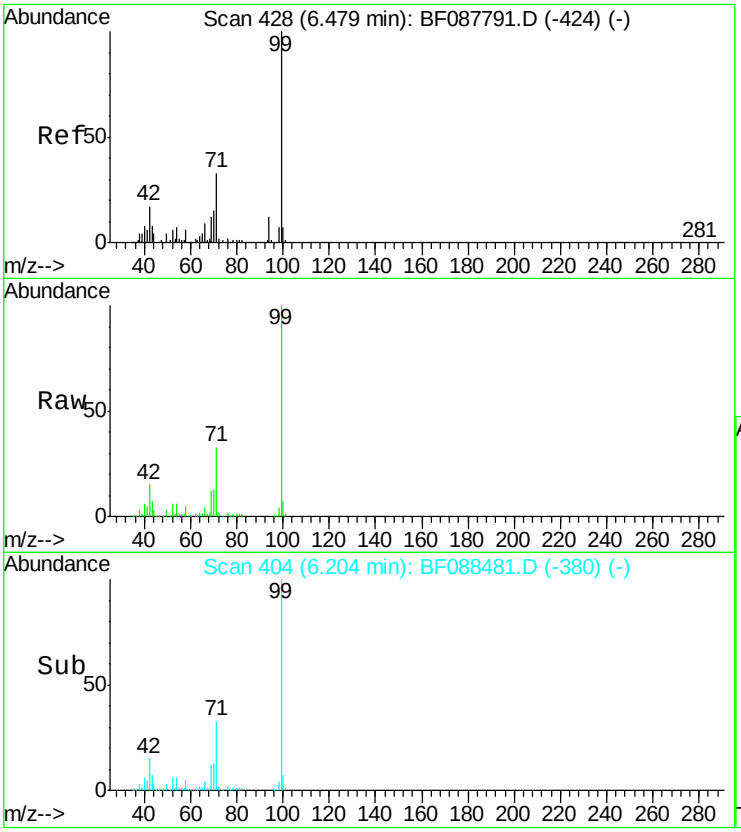


#5
2-Fluorophenol
Concen: 34.88 ng
RT: 5.12 min Scan# 309
Delta R.T. -0.01 min
Lab File: BF088481.D
Acq: 28 Jun 2016 7:02

Tgt Ion:112 Resp: 234897

Ion	Ratio	Lower	Upper
112	100		
64	53.5	42.2	63.2
63	27.3	21.8	32.8



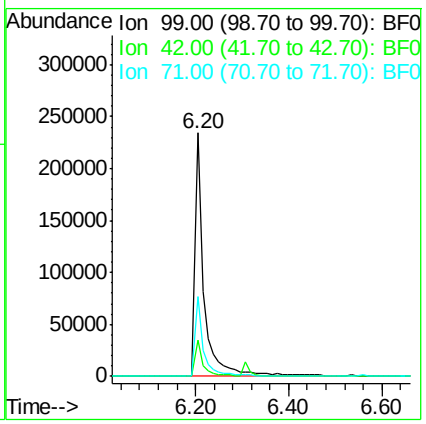


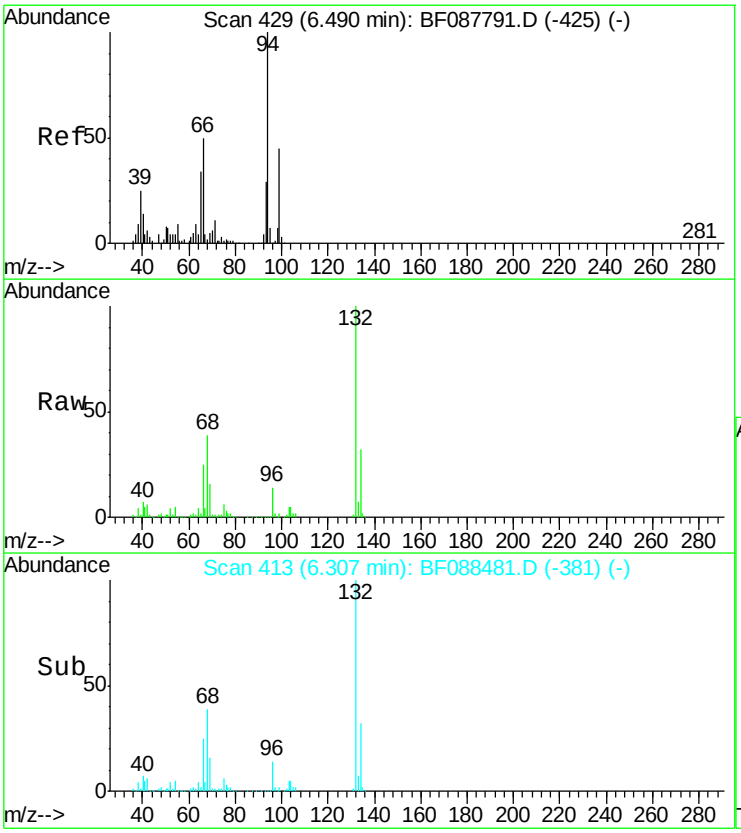
#7
Phenol-d6
Concen: 37.97 ng
RT: 6.20 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF088481.D
Acq: 28 Jun 2016 7:02

Instrument :
BNA_F
ClientSampleId :
SC-STA-1506(0-4)DL

Tgt Ion: 99 Resp: 309896

Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.2	18.2
71	32.8	23.4	35.0

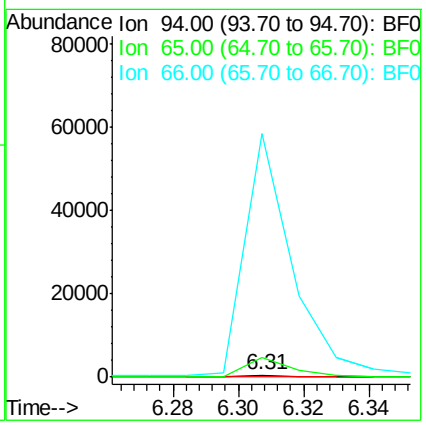


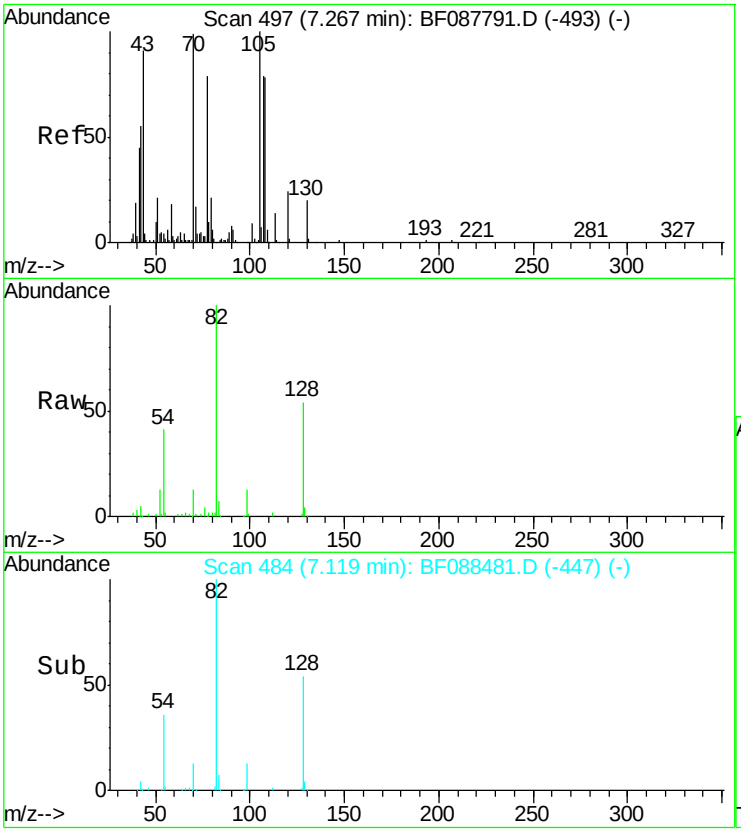


#10
Phenol
Concen: Below Cal
RT: 6.31 min Scan# 413
Delta R.T. 0.07 min
Lab File: BF088481.D
Acq: 28 Jun 2016 7:02

Tgt Ion: 94 Resp: 361

Ion	Ratio	Lower	Upper
94	100		
65	870.2	5.9	45.9#
66	11119.4	14.0	54.0#



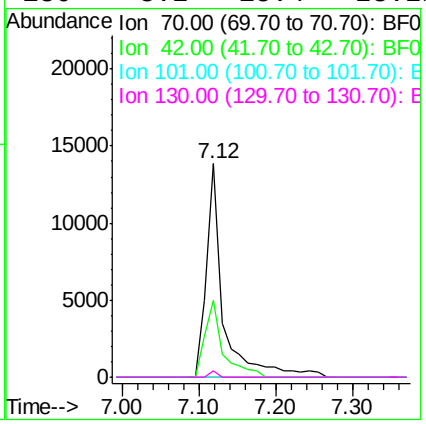


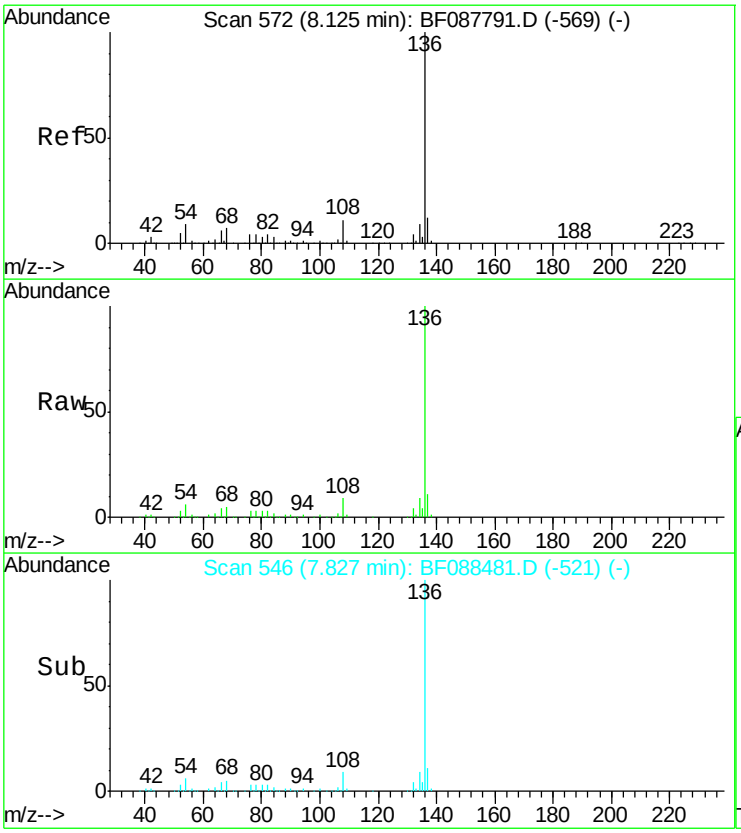
#19
n-Nitroso-di-n-propylamine
Concen: 4.03 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.13 min
Lab File: BF088481.D
Acq: 28 Jun 2016 7:02

Instrument :
BNA_F
ClientSampleId :
SC-STA-1506(0-4)DL

Tgt Ion: 70 Resp: 21013

Ion	Ratio	Lower	Upper
70	100		
42	36.2	49.6	74.4#
101	0.0	7.1	10.7#
130	3.2	15.4	23.2#

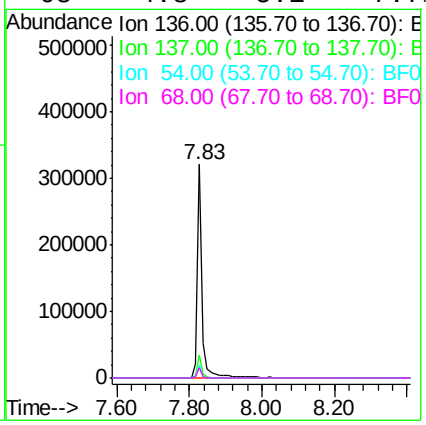


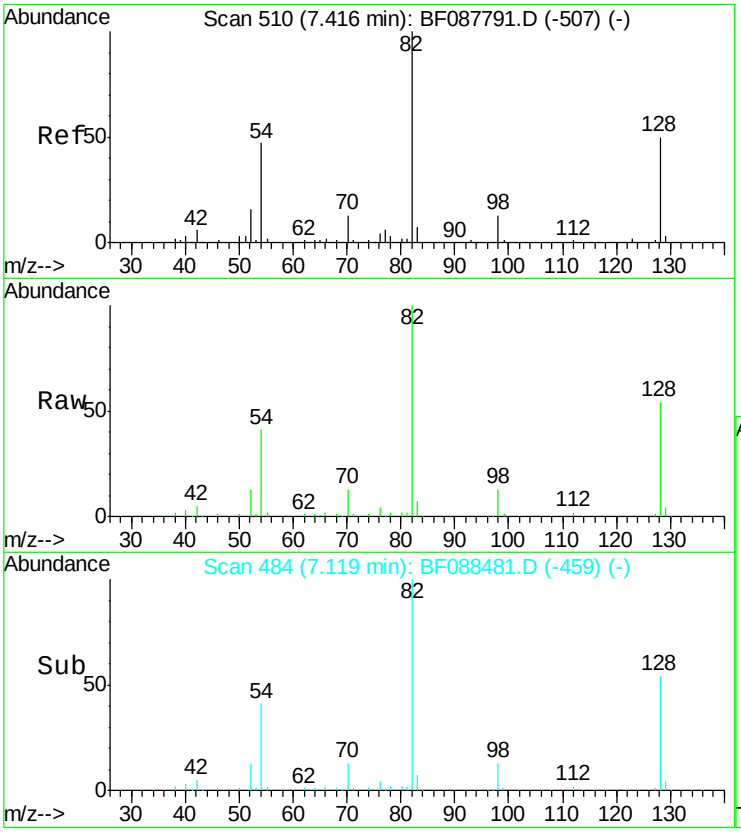


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF088481.D
Acq: 28 Jun 2016 7:02

Tgt Ion:136 Resp: 313007

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.2	6.6	10.0#
68	4.8	5.1	7.7#



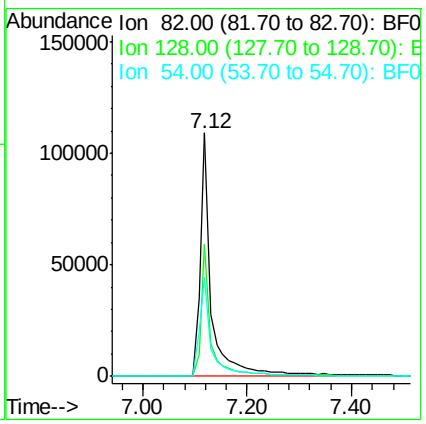


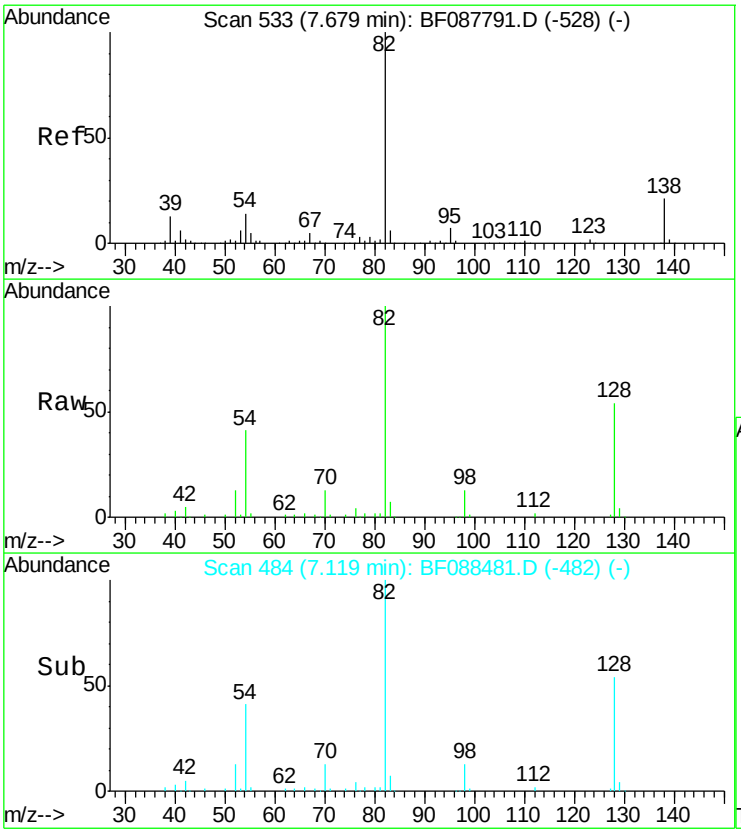
#23
Nitrobenzene-d5
Concen: 30.88 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF088481.D
Acq: 28 Jun 2016 7:02

Instrument :
BNA_F
ClientSampleId :
SC-STA-1506(0-4)DL

Tgt Ion: 82 Resp: 165534

Ion	Ratio	Lower	Upper
82	100		
128	54.2	35.9	53.9#
54	40.7	40.9	61.3#

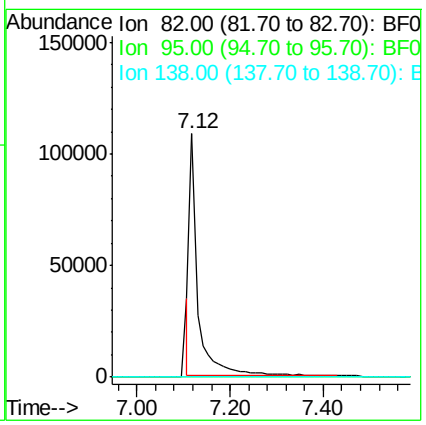


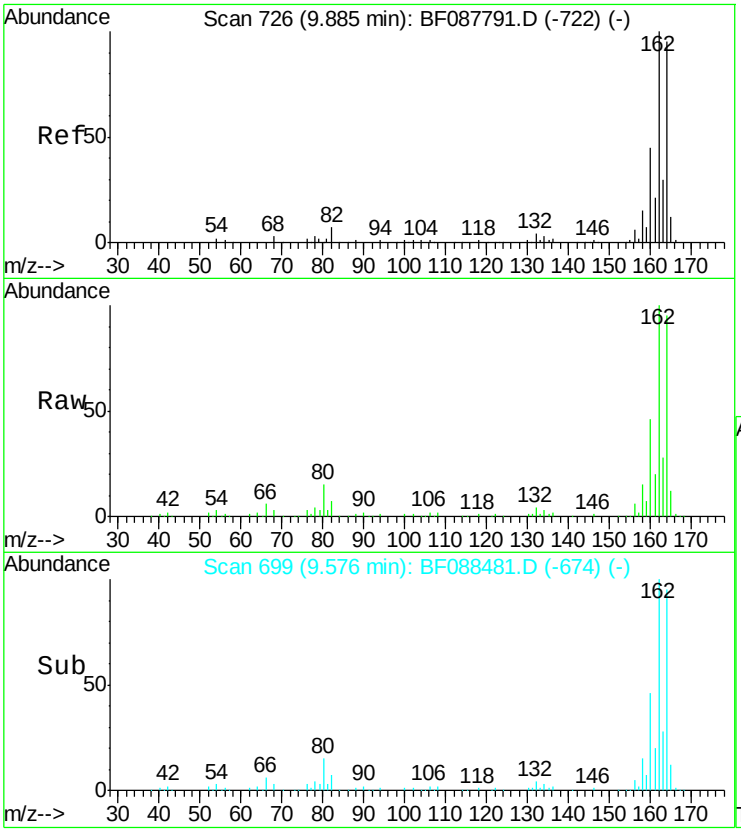


#25
Isophorone
Concen: 13.23 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.27 min
Lab File: BF088481.D
Acq: 28 Jun 2016 7:02

Tgt Ion: 82 Resp: 131369

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



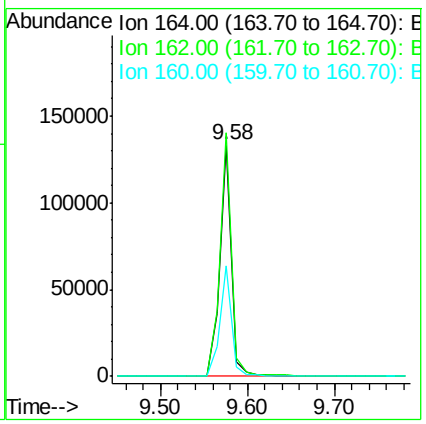


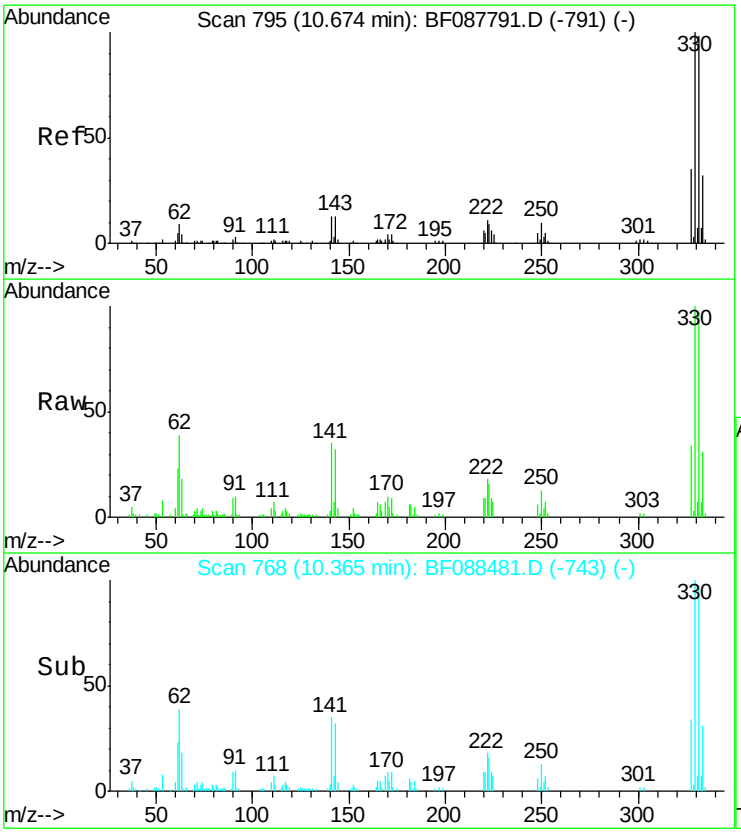
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF088481.D
Acq: 28 Jun 2016 7:02

Instrument :
BNA_F
ClientSampleId :
SC-STA-1506(0-4)DL

Tgt Ion:164 Resp: 127002

Ion	Ratio	Lower	Upper
164	100		
162	105.2	85.4	128.2
160	48.0	39.5	59.3

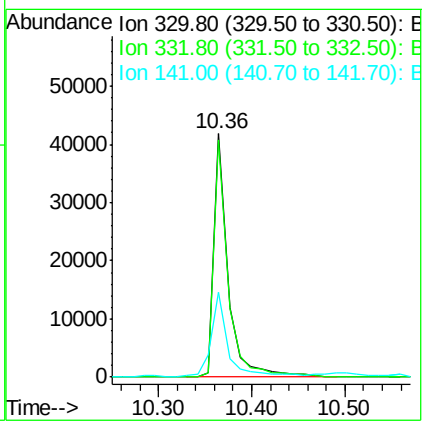


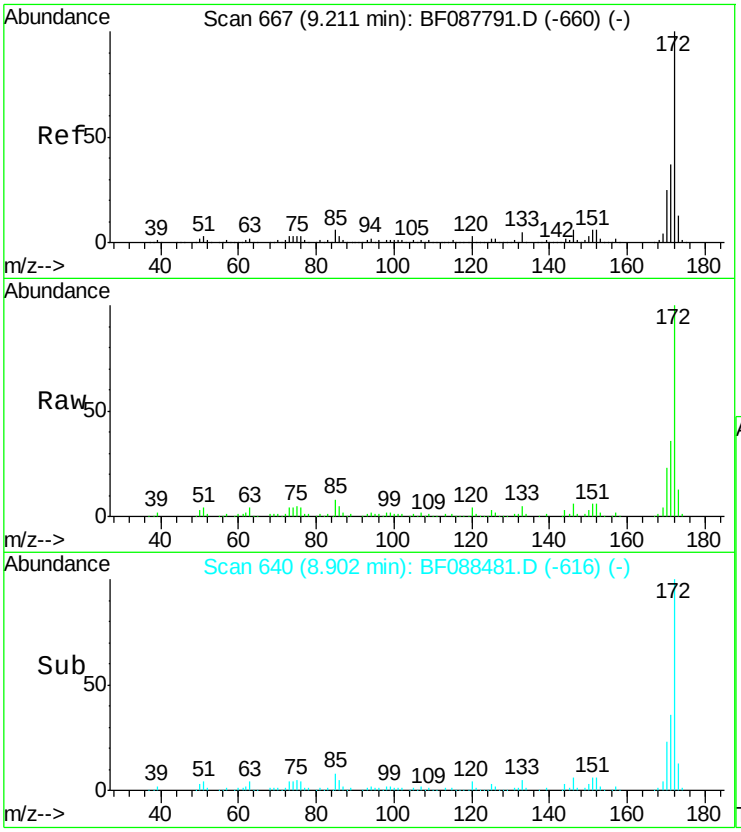


#41
2,4,6-Tribromophenol
Concen: 32.72 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF088481.D
Acq: 28 Jun 2016 7:02

Tgt Ion:330 Resp: 43880

Ion	Ratio	Lower	Upper
330	100		
332	97.9	0.0	0.0#
141	41.9	0.0	0.0#



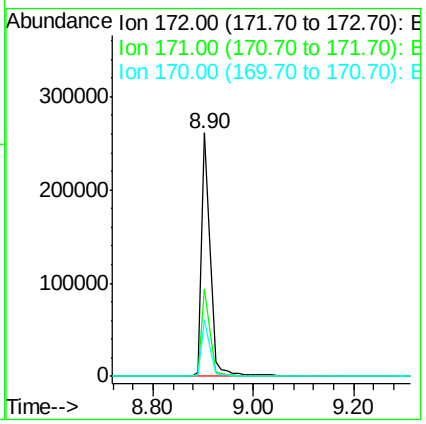


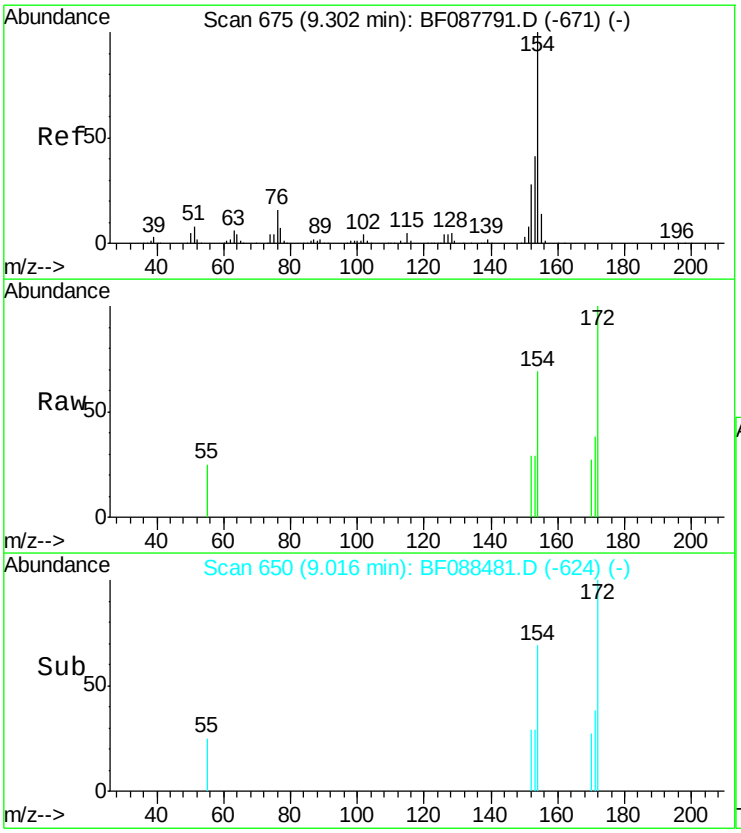
#44
2-Fluorobiphenyl
Concen: 36.59 ng
RT: 8.90 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF088481.D
Acq: 28 Jun 2016 7:02

Instrument :
BNA_F
ClientSampleId :
SC-STA-1506(0-4)DL

Tgt Ion:172 Resp: 321320

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.4	19.2	28.8

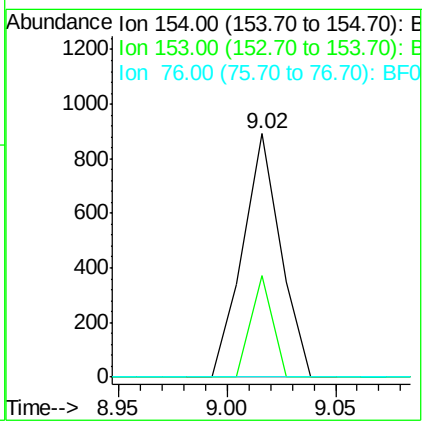


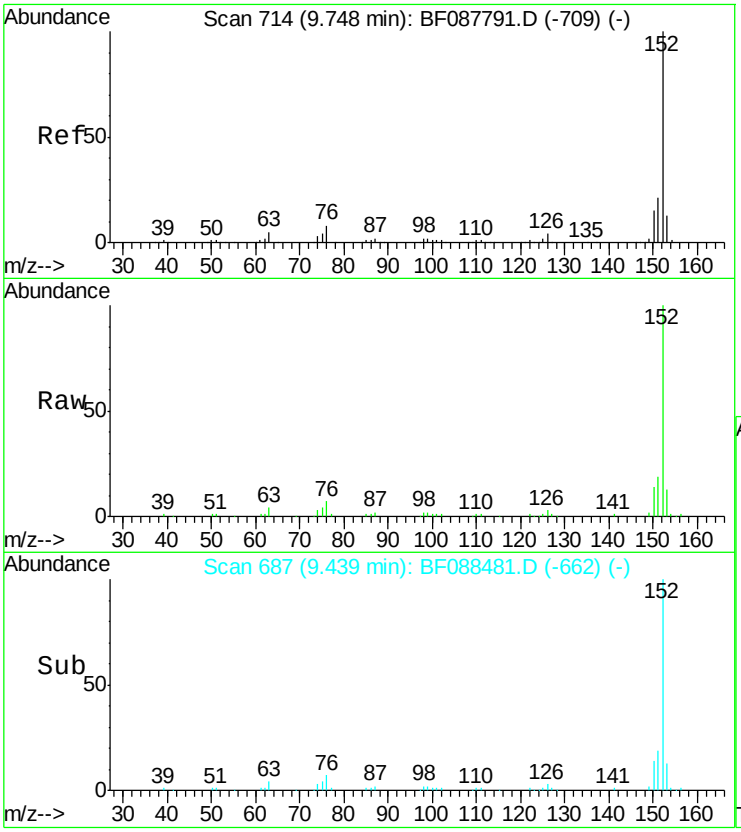


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.02 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF088481.D
Acq: 28 Jun 2016 7:02

Tgt Ion:154 Resp: 1084

Ion	Ratio	Lower	Upper
154	100		
153	41.8	20.6	60.6
76	0.0	0.0	35.1



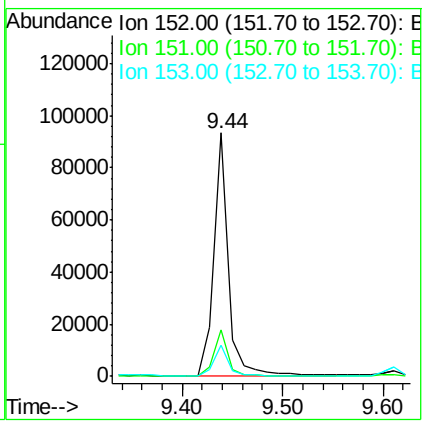


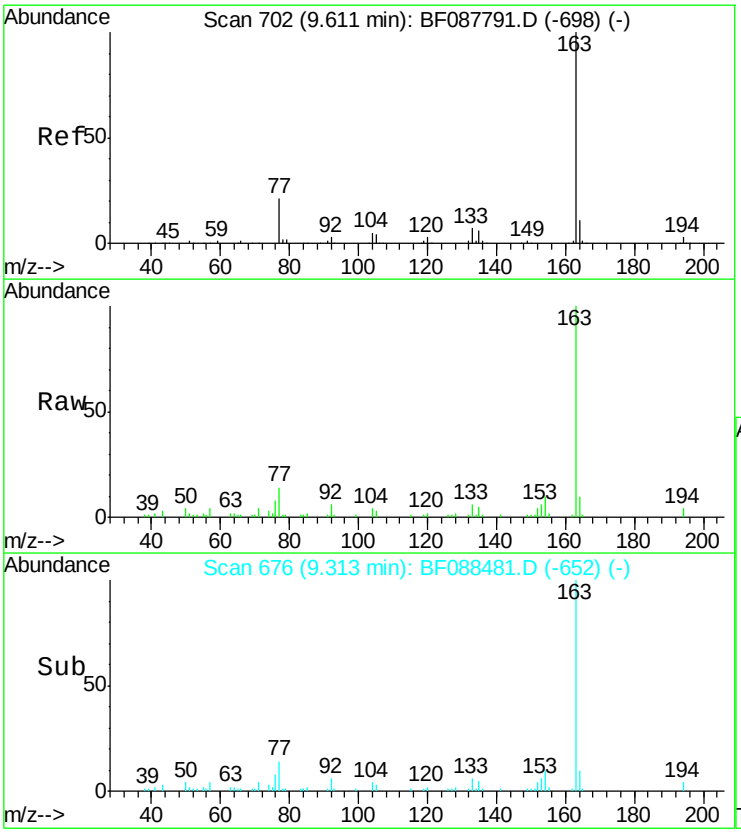
#48
Acenaphthylene
Concen: 7.32 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF088481.D
Acq: 28 Jun 2016 7:02

Instrument :
BNA_F
ClientSampleId :
SC-STA-1506(0-4)DL

Tgt Ion:152 Resp: 95650

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.2	24.4
153	12.9	11.0	16.6

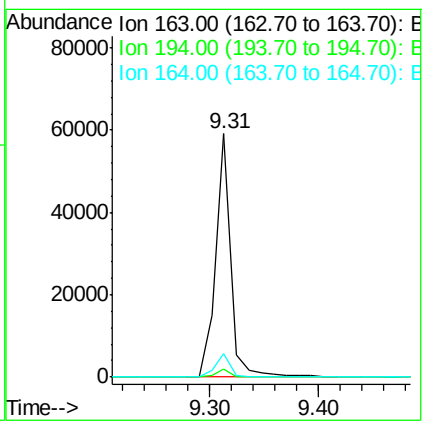


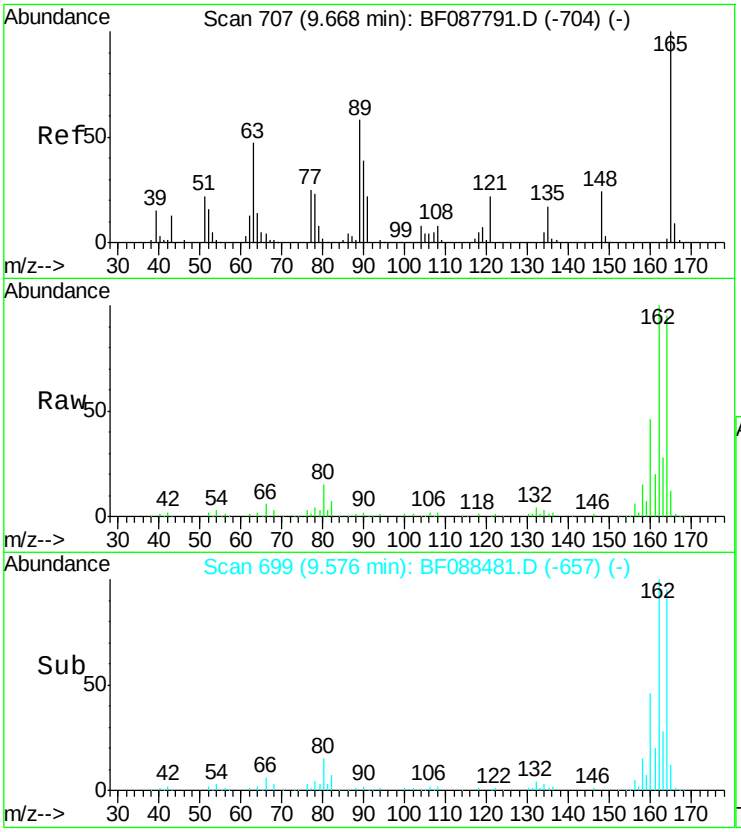


#49
Dimethylphthalate
Concen: 6.26 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.02 min
Lab File: BF088481.D
Acq: 28 Jun 2016 7:02

Tgt Ion:163 Resp: 57618

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.7	8.3	12.5



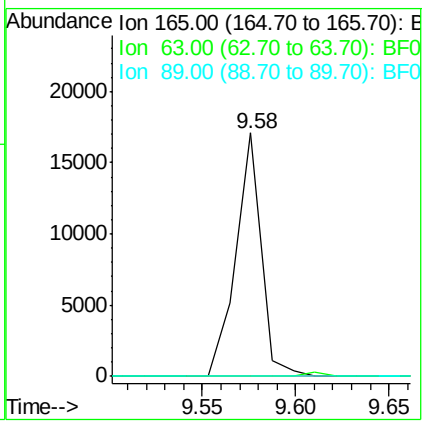


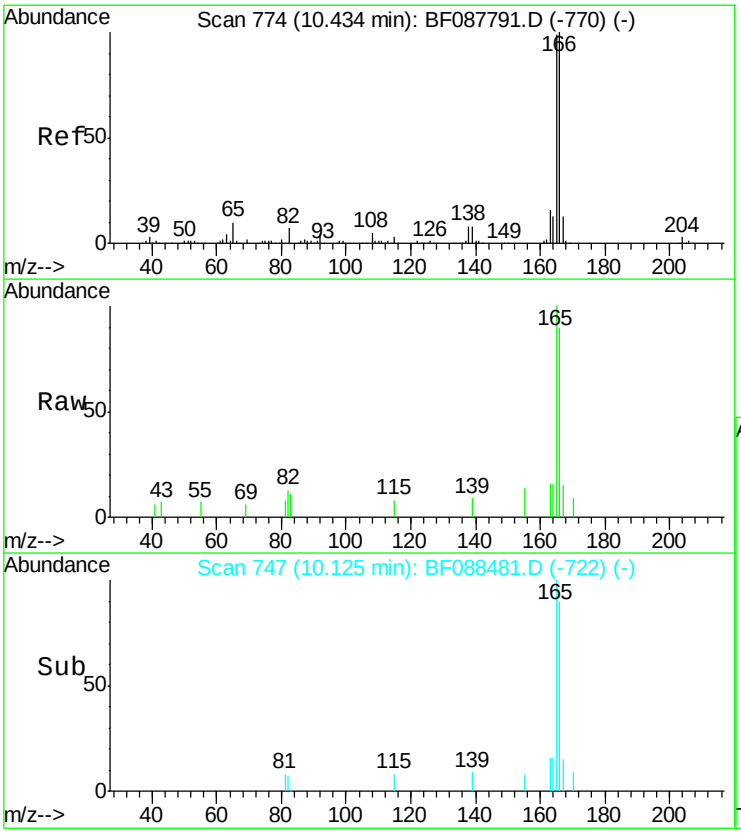
#50
2,6-Dinitrotoluene
Concen: 7.72 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.18 min
Lab File: BF088481.D
Acq: 28 Jun 2016 7:02

Instrument :
BNA_F
ClientSampleId :
SC-STA-1506(0-4)DL

Tgt Ion:165 Resp: 16266

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	0.0	32.2	48.2#

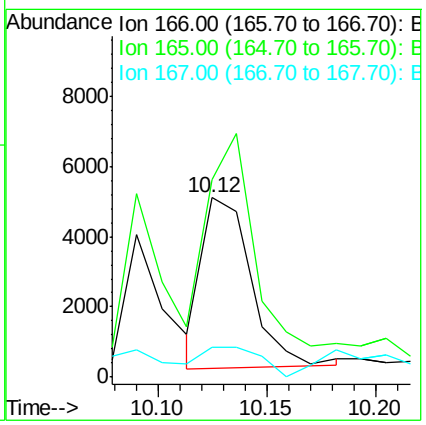


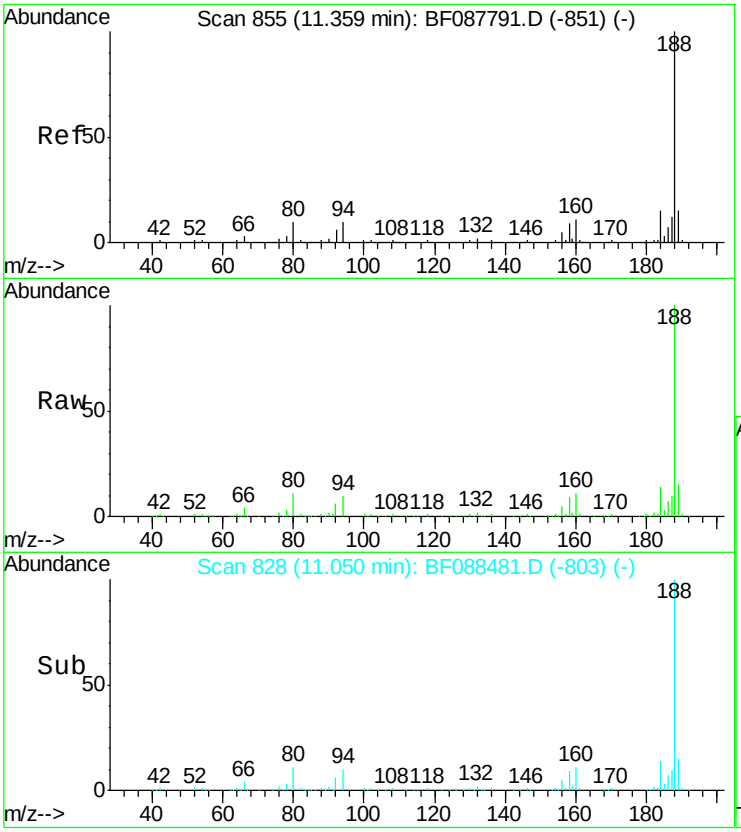


#57
Fluorene
Concen: Below Cal
RT: 10.12 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF088481.D
Acq: 28 Jun 2016 7:02

Tgt Ion:166 Resp: 7667

Ion	Ratio	Lower	Upper
166	100		
165	110.5	77.8	116.8
167	16.9	11.2	16.8#



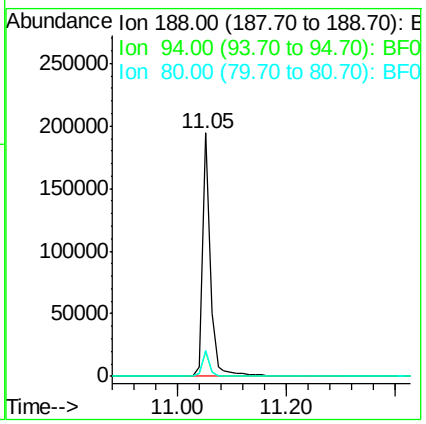


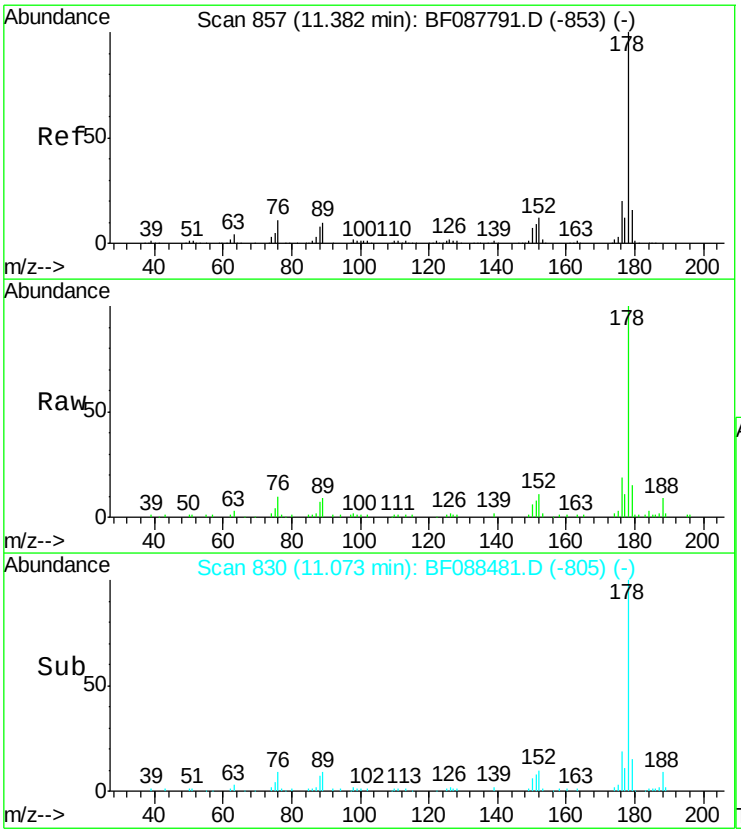
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF088481.D
Acq: 28 Jun 2016 7:02

Instrument :
BNA_F
ClientSampleId :
SC-STA-1506(0-4)DL

Tgt Ion:188 Resp: 192713

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.0	13.6
80	10.6	10.0	15.0

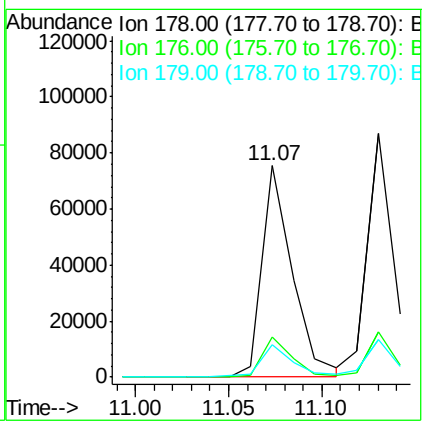


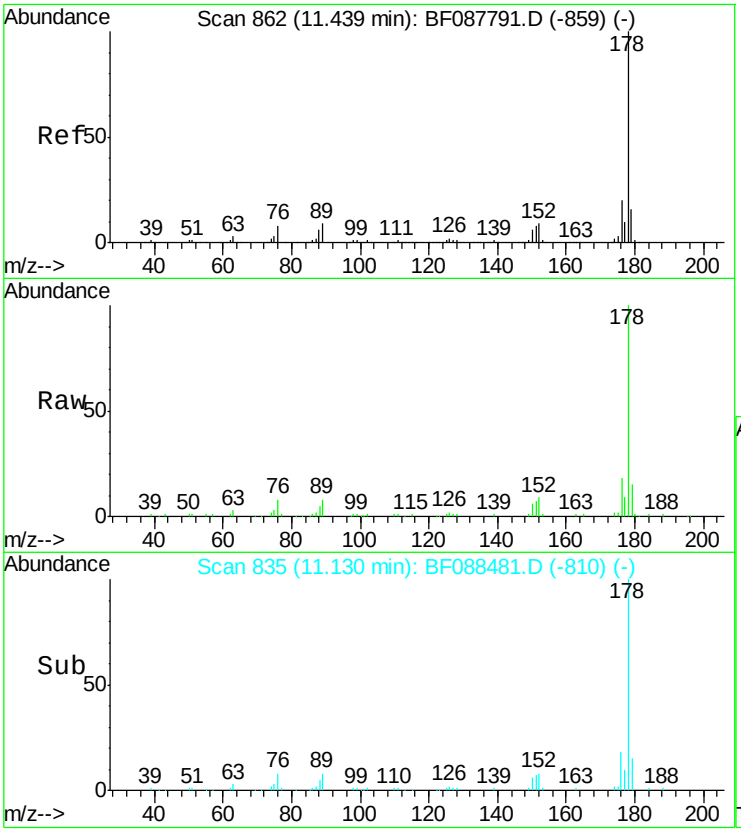


#70
Phenanthrene
Concen: 8.40 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF088481.D
Acq: 28 Jun 2016 7:02

Tgt Ion:178 Resp: 84944

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.6
179	15.3	13.0	19.4



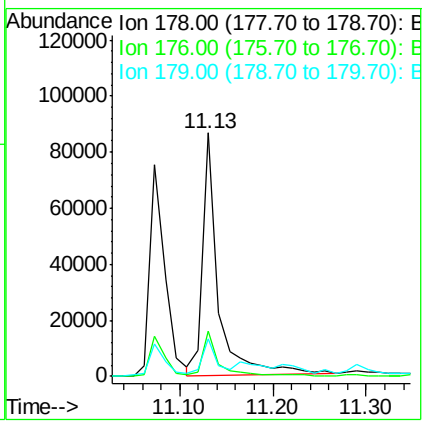


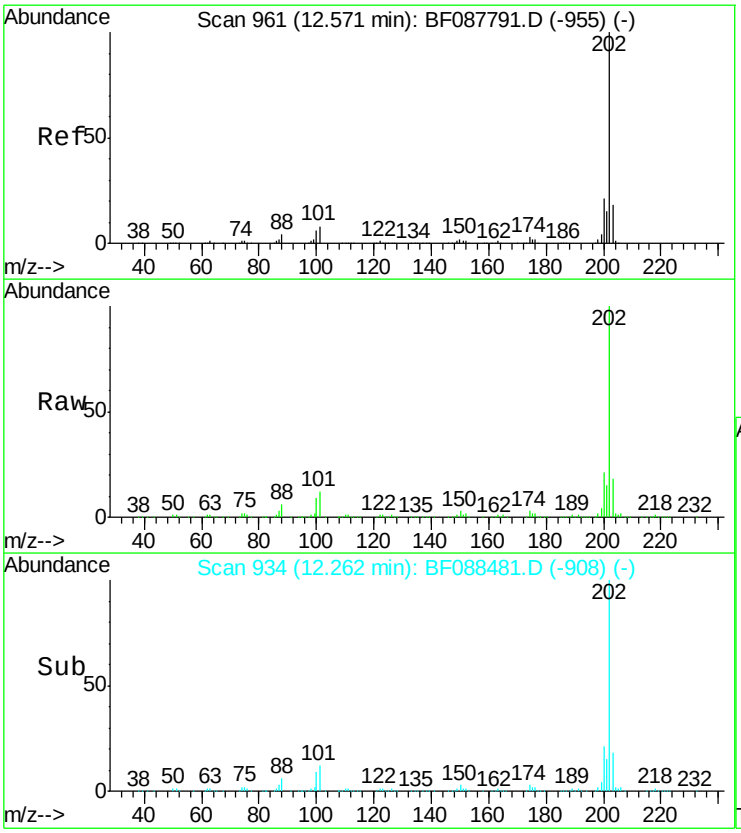
#71
Anthracene
Concen: 9.93 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF088481.D
Acq: 28 Jun 2016 7:02

Instrument :
BNA_F
ClientSampleId :
SC-STA-1506(0-4)DL

Tgt Ion:178 Resp: 101279

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.6	23.4
179	15.5	12.8	19.2

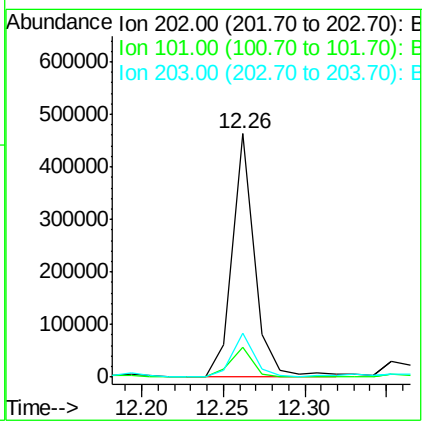


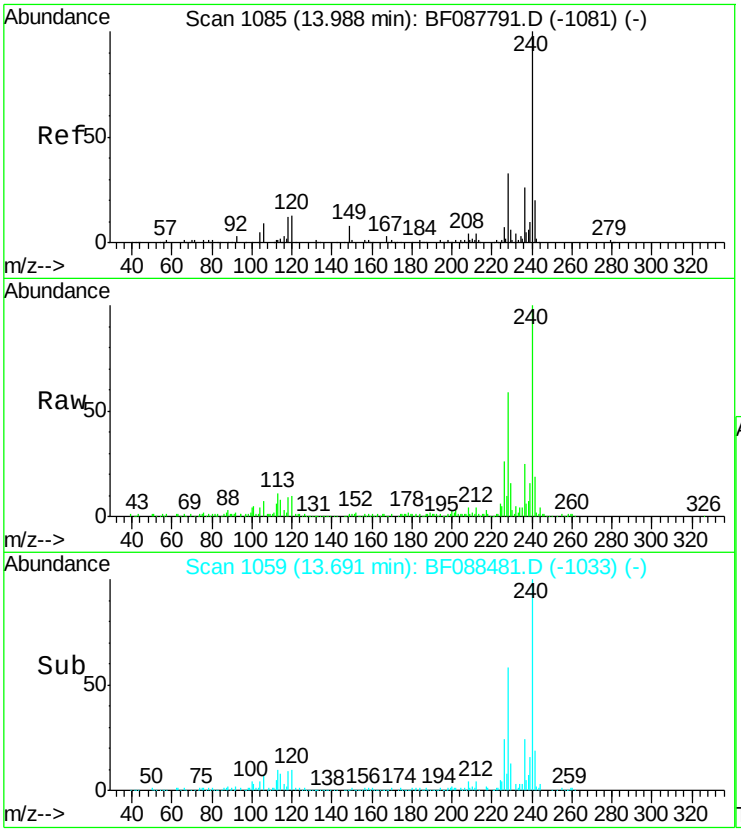


#74
Fluoranthene
Concen: 40.50 ng
RT: 12.26 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF088481.D
Acq: 28 Jun 2016 7:02

Tgt Ion:202 Resp: 432249

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.1
203	17.8	0.0	38.1



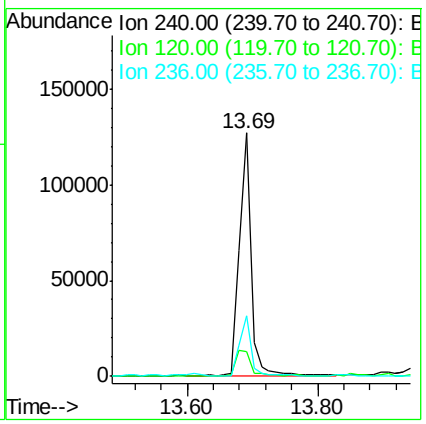


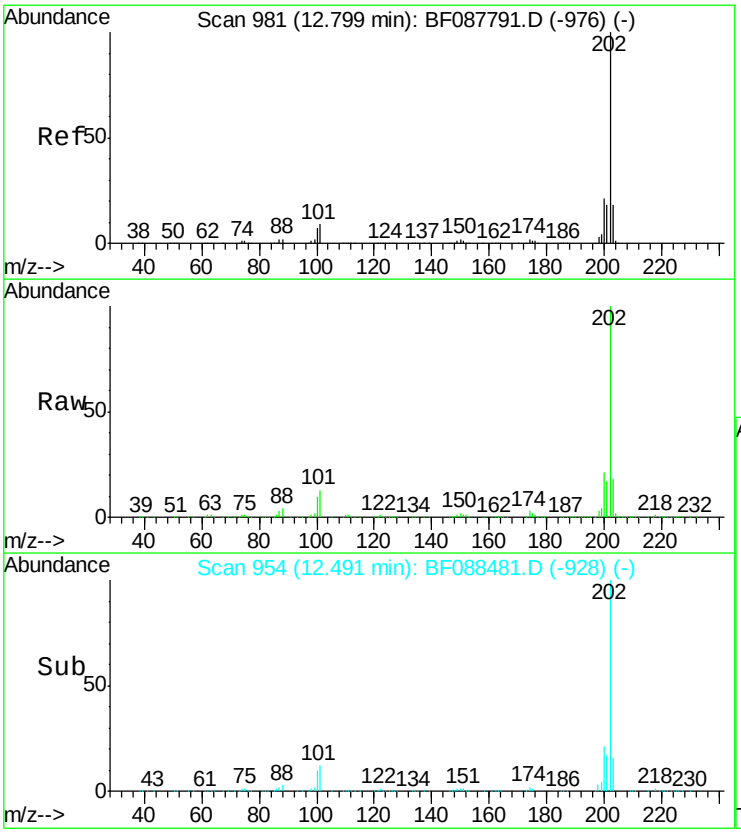
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BF088481.D
Acq: 28 Jun 2016 7:02

Instrument :
BNA_F
ClientSampleId :
SC-STA-1506(0-4)DL

Tgt Ion:240 Resp: 158888

Ion	Ratio	Lower	Upper
240	100		
120	10.3	6.8	10.2#
236	24.8	20.2	30.2

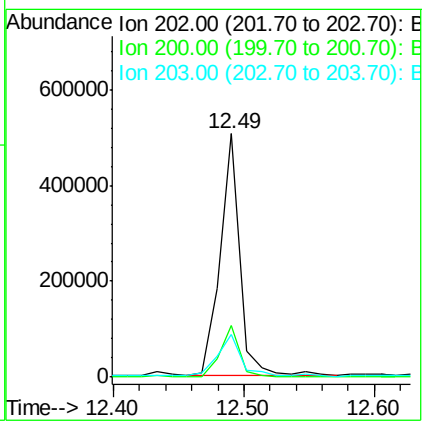


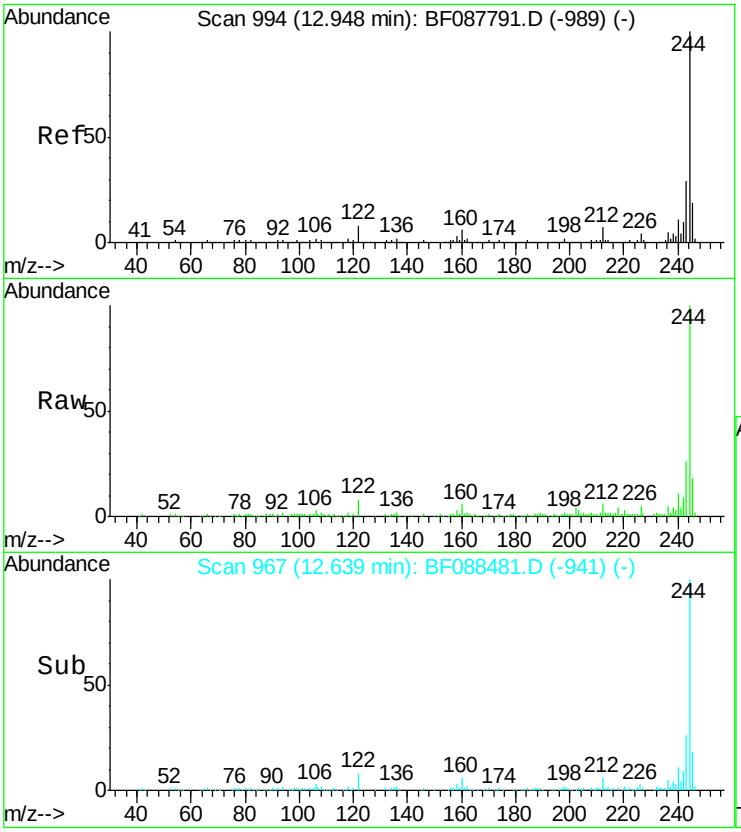


#77
Pyrene
Concen: 45.49 ng
RT: 12.49 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF088481.D
Acq: 28 Jun 2016 7:02

Tgt Ion:202 Resp: 536326

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.5	14.5	21.7



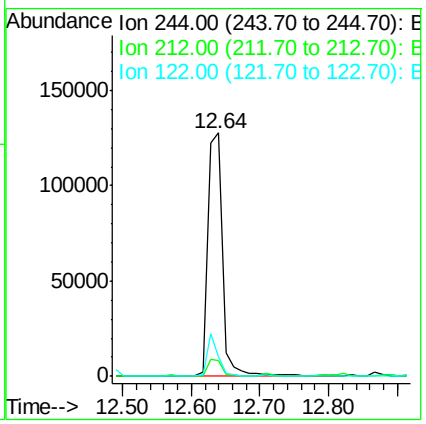


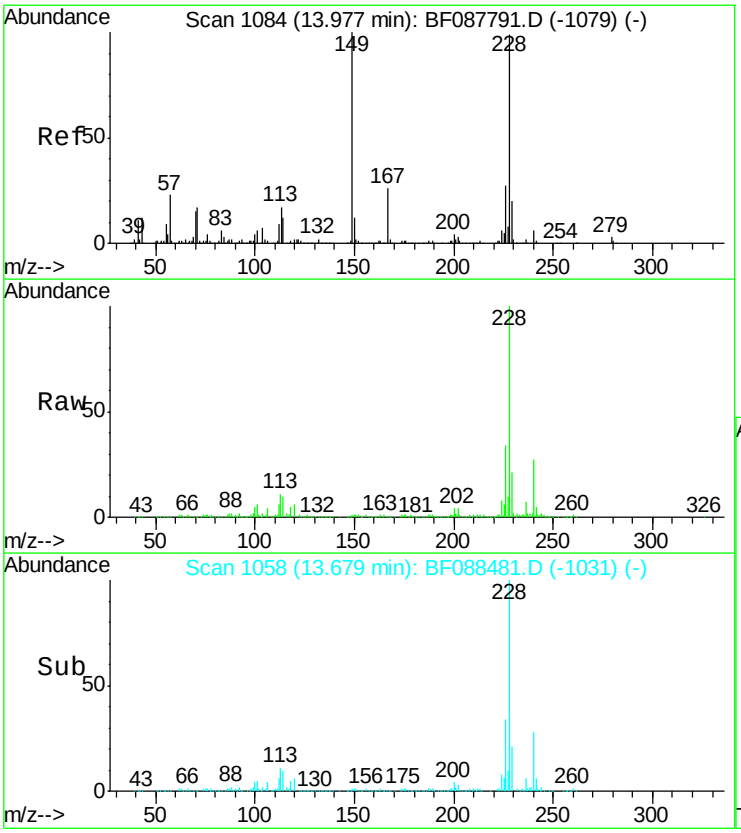
#78
Terphenyl-d14
Concen: 27.67 ng
RT: 12.64 min Scan# 967
Delta R.T. -0.00 min
Lab File: BF088481.D
Acq: 28 Jun 2016 7:02

Instrument :
BNA_F
ClientSampleId :
SC-STA-1506(0-4)DL

Tgt Ion:244 Resp: 193170

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	8.1	11.2	16.8#

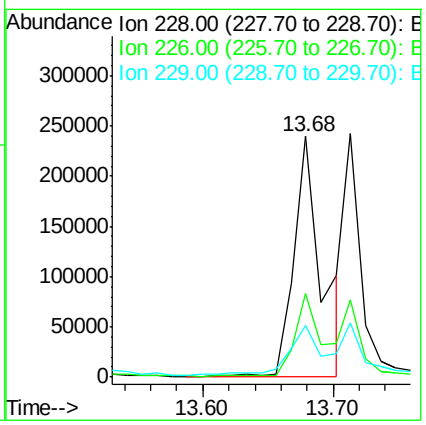


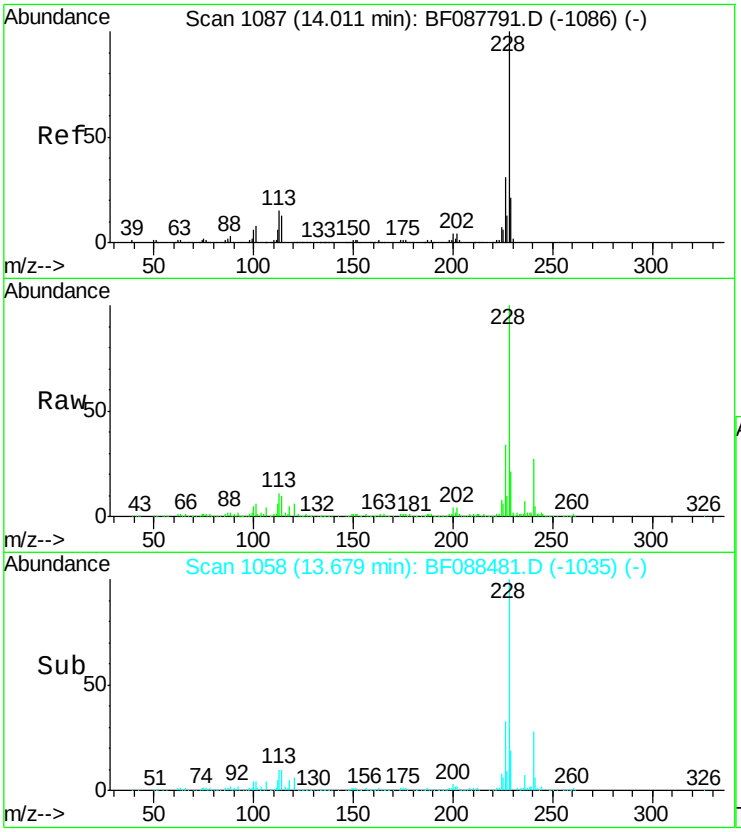


#80
Benzo(a)anthracene
Concen: 38.69 ng
RT: 13.68 min Scan# 1058
Delta R.T. 0.01 min
Lab File: BF088481.D
Acq: 28 Jun 2016 7:02

Tgt Ion:228 Resp: 350346

Ion	Ratio	Lower	Upper
228	100		
226	34.5	22.3	33.5#
229	21.4	16.0	24.0



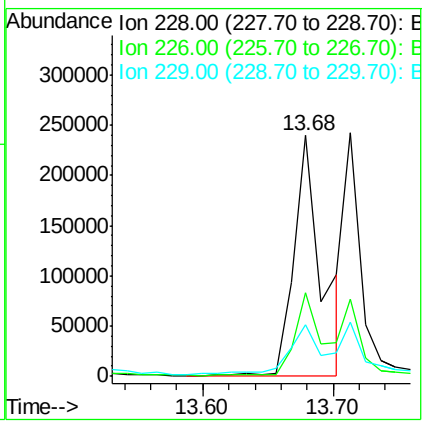


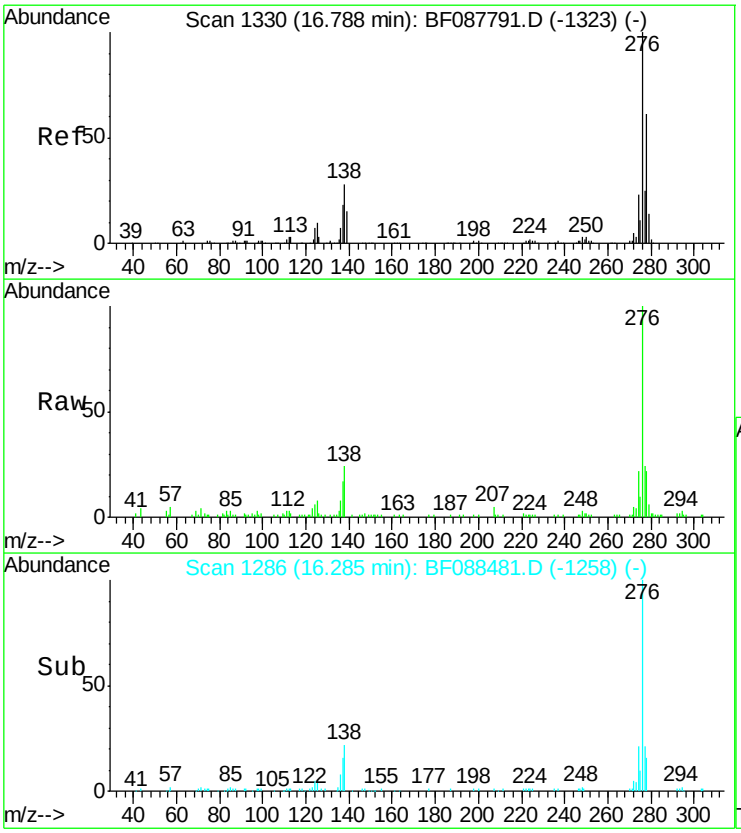
#82
Chrysene
Concen: 41.13 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BF088481.D
Acq: 28 Jun 2016 7:02

Instrument :
BNA_F
ClientSampleId :
SC-STA-1506(0-4)DL

Tgt Ion:228 Resp: 350346

Ion	Ratio	Lower	Upper
228	100		
226	34.5	25.4	38.2
229	21.4	16.3	24.5

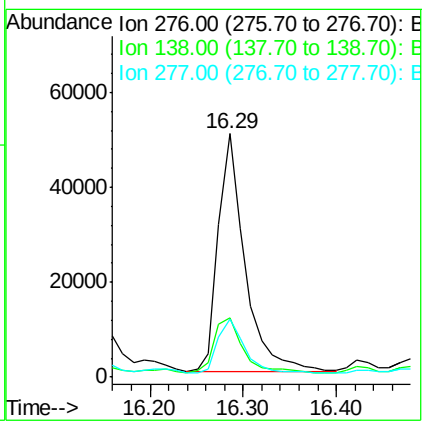


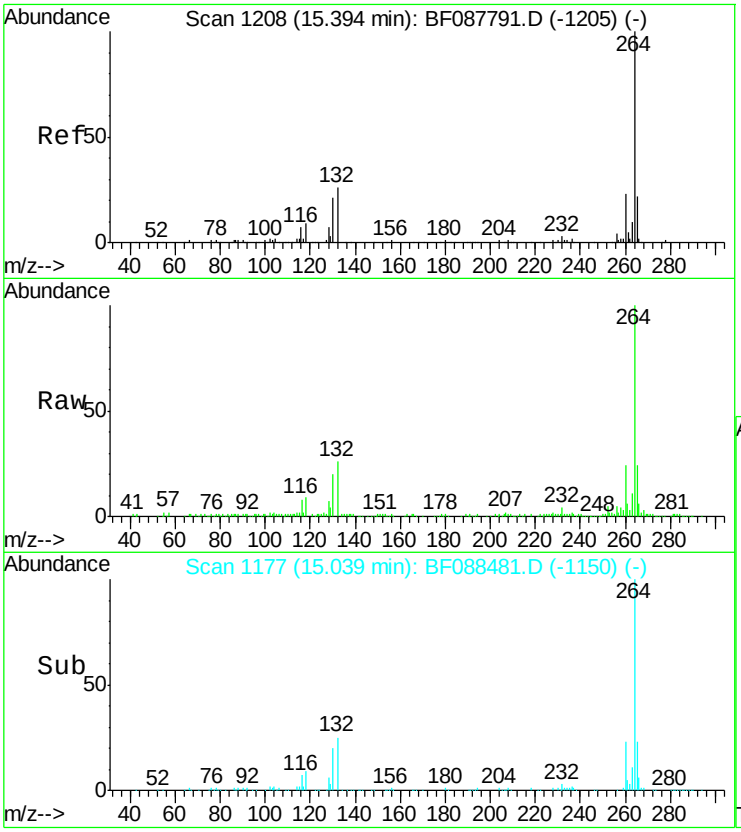


#85
Indeno(1,2,3-cd)pyrene
Concen: 12.65 ng
RT: 16.29 min Scan# 1286
Delta R.T. 0.02 min
Lab File: BF088481.D
Acq: 28 Jun 2016 7:02

Tgt Ion:276 Resp: 100095

Ion	Ratio	Lower	Upper
276	100		
138	25.4	0.0	0.0#
277	23.5	0.0	0.0#



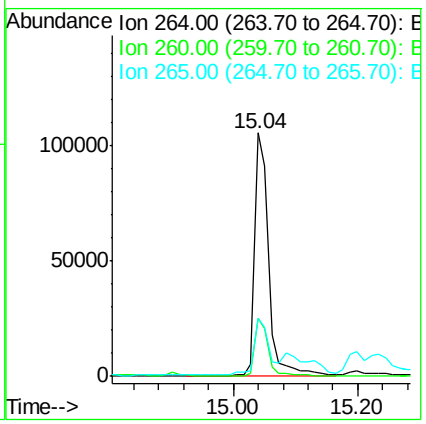


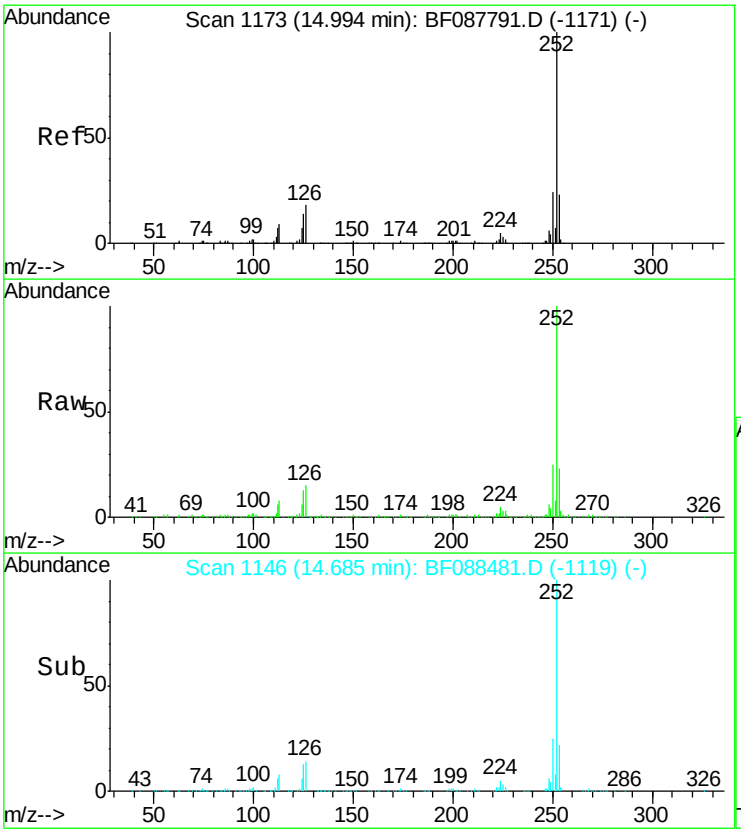
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF088481.D
Acq: 28 Jun 2016 7:02

Instrument :
BNA_F
ClientSampleId :
SC-STA-1506(0-4)DL

Tgt Ion:264 Resp: 168697

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	23.7	16.9	25.3

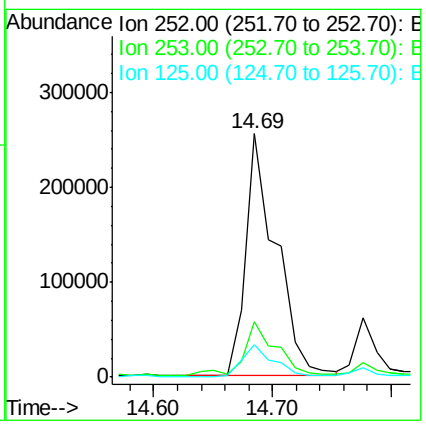


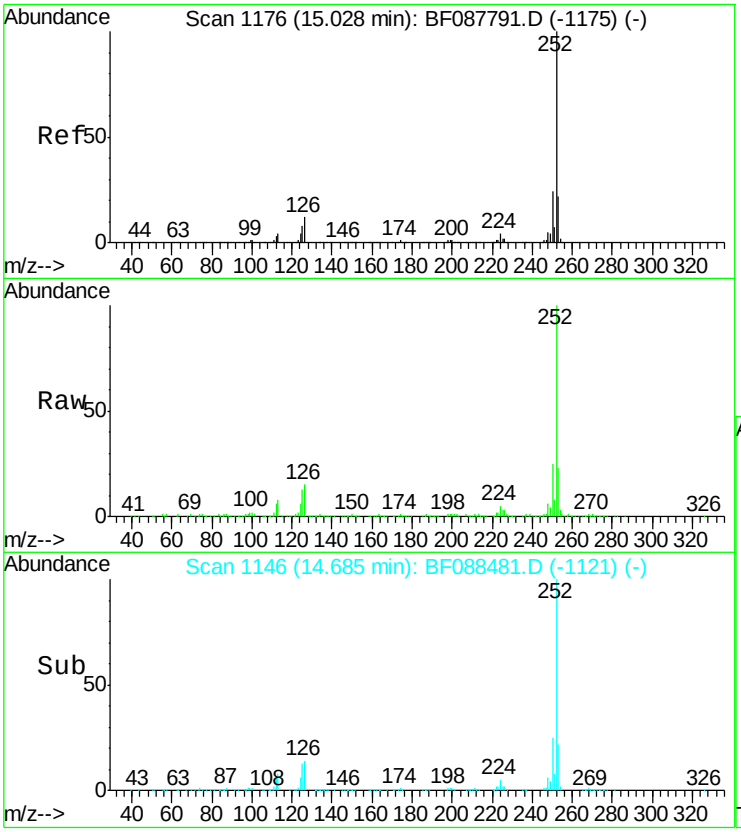


#87
Benzo(b)fluoranthene
Concen: 38.47 ng
RT: 14.69 min Scan# 1146
Delta R.T. 0.01 min
Lab File: BF088481.D
Acq: 28 Jun 2016 7:02

Tgt Ion:252 Resp: 452335

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	13.4	7.1	10.7#



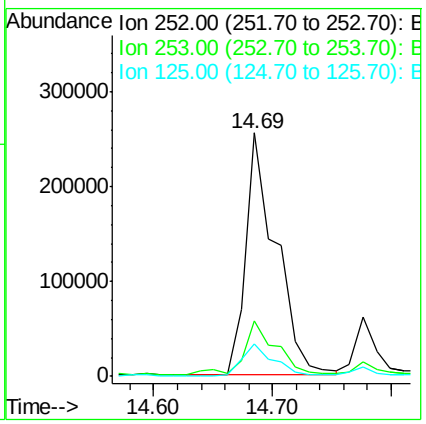


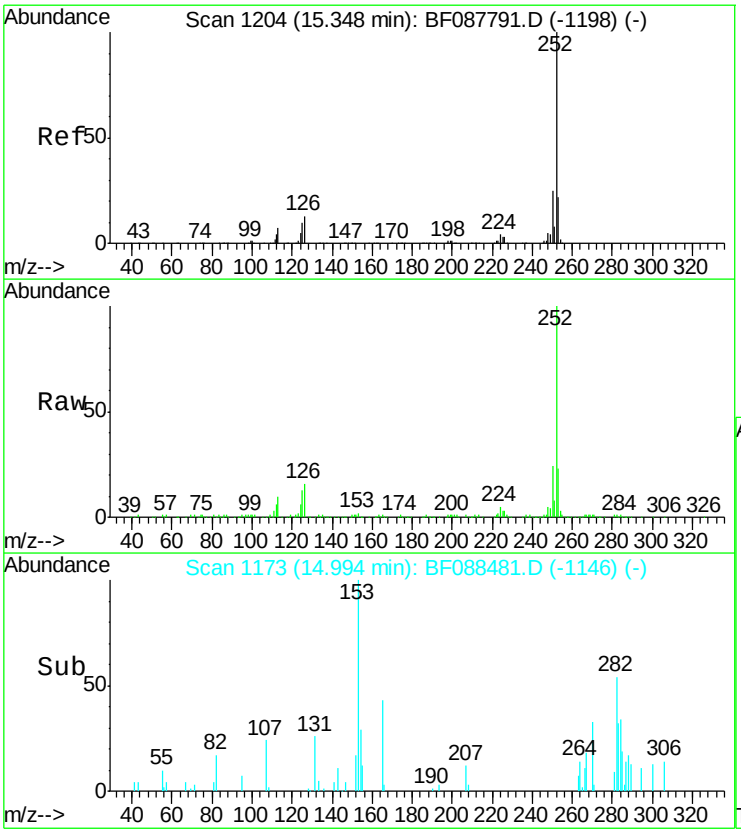
#88
Benzo(k)fluoranthene
Concen: 51.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF088481.D
Acq: 28 Jun 2016 7:02

Instrument :
BNA_F
ClientSampleId :
SC-STA-1506(0-4)DL

Tgt Ion:252 Resp: 452335

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	13.4	11.2	16.8

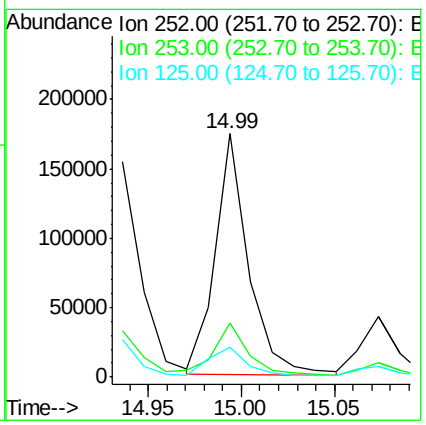


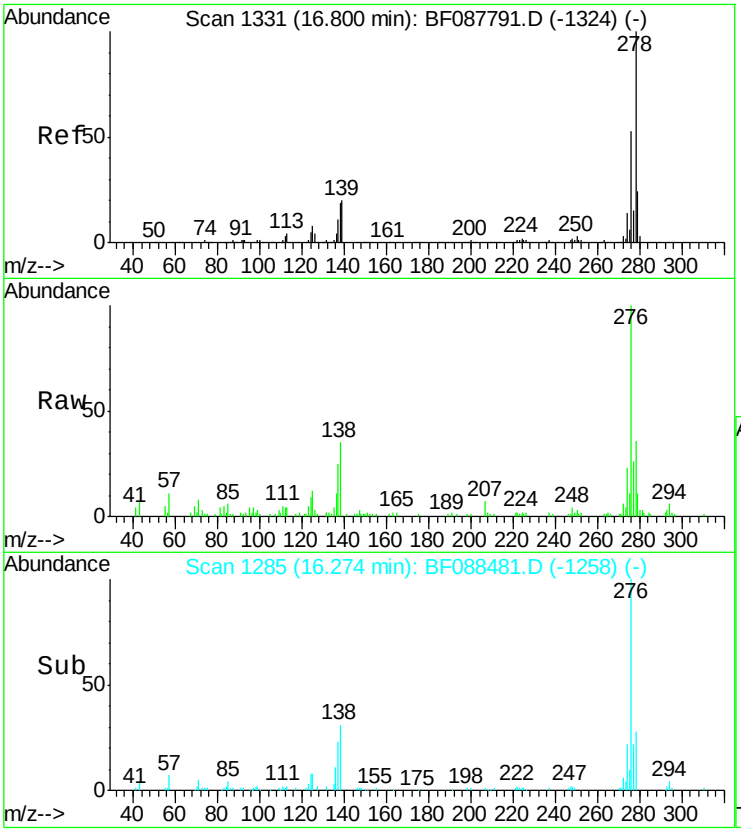


#89
Benzo(a)pyrene
Concen: 22.77 ng
RT: 14.99 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF088481.D
Acq: 28 Jun 2016 7:02

Tgt Ion:252 Resp: 216572

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



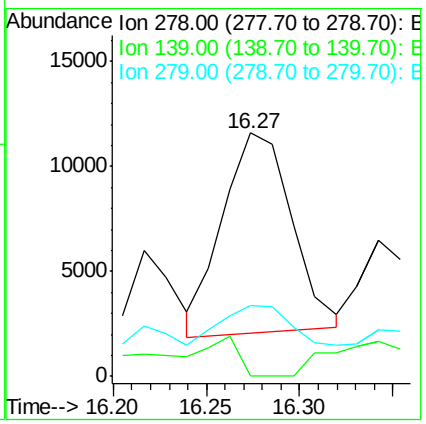


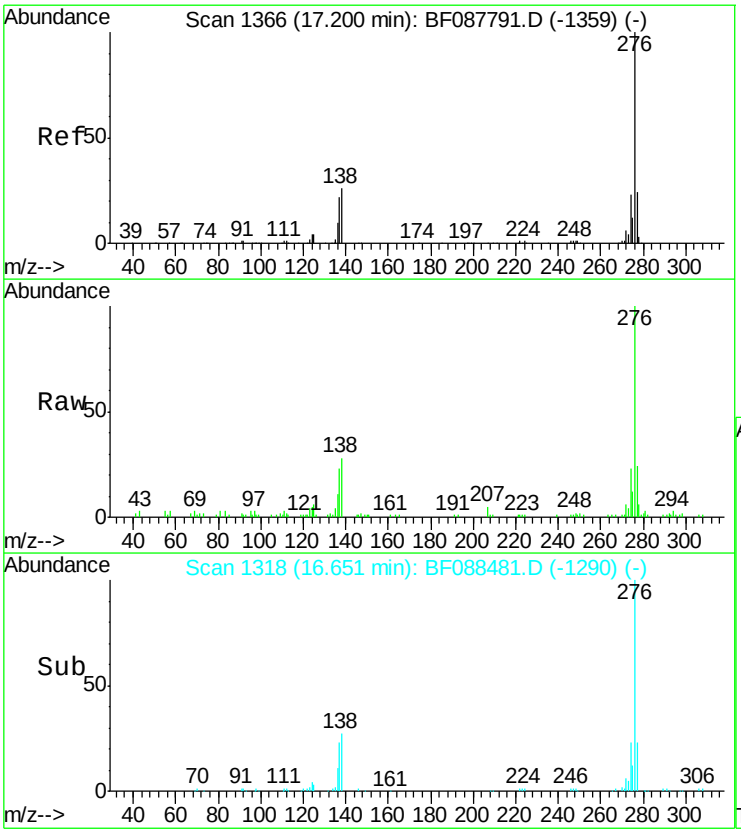
#90
Dibenzo(a,h)anthracene
Concen: 2.80 ng
RT: 16.27 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF088481.D
Acq: 28 Jun 2016 7:02

Instrument :
BNA_F
ClientSampleId :
SC-STA-1506(0-4)DL

Tgt Ion:278 Resp: 24718

Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.7	23.5#
279	29.3	19.4	29.2#





#91
Benzo(g,h,i)perylene
Concen: 9.54 ng
RT: 16.65 min Scan# 1318
Delta R.T. 0.02 min
Lab File: BF088481.D
Acq: 28 Jun 2016 7:02

Tgt Ion:276 Resp: 86662

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	27.7	21.4	32.2