Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
Data File : BF090328.D
Acq On : 30 Sep 2016 22:38
Operator : UM/SJ
Sample : H5025-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-3

Quant Time: Oct 01 00:04:35 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 30 23:14:34 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	121080	20.00	ng		0.00
21) Naphthalene-d8	7.75	136	453920	20.00	ng		0.00
38) Acenaphthene-d10	9.48	164	189034	20.00	ng		0.00
63) Phenanthrene-d10	10.96	188	266036	20.00	ng		0.01
75) Chrysene-d12	13.58	240	224618	20.00	ng		0.01
86) Perylene-d12	14.89	264	160830	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	688813	92.73	ng		0.03
7) Phenol-d6	6.14	99	880763	96.01	ng		0.02
23) Nitrobenzene-d5	7.03	82	448736	57.31	ng		0.00
41) 2,4,6-Tribromophenol	10.27	330	145887	89.96	ng		0.00
44) 2-Fluorobiphenyl	8.83	172	986481	102.45	ng		0.01
78) Terphenyl-d14	12.55	244	652784	73.78	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.63	88	211931	52.58	ng	#	26
9) Benzaldehyde	5.99	77	26134	6.54	ng		95
15) Benzyl Alcohol	6.62	79	10999	2.01	ng	#	50
19) n-Nitroso-di-n-propylamine	7.03	70	52092	9.67	ng	#	82
27) 2,4-Dimethylphenol	7.54	122	19081	2.67	ng	#	5
32) Benzoic acid	7.54	122	22641	4.62	ng		93
49) Dimethylphthalate	9.23	163	349722	29.05	ng		99
70) Phenanthrene	10.98	178	58529	4.70	ng		96
71) Anthracene	10.98	178	58529	4.49	ng		97
74) Fluoranthene	12.16	202	116244	8.70	ng		93
77) Pyrene	12.38	202	106986	6.96	ng		96
80) Benzo(a)anthracene	13.57	228	50211	4.15	ng		94
82) Chrysene	13.57	228	50211	4.27	ng		98
83) Bis(2-ethylhexyl)phthalate	13.59	149	79501	8.26	ng	#	95
87) Benzo(b)fluoranthene	14.56	252	72736	8.17	ng	#	95
88) Benzo(k)fluoranthene	14.56	252	72736	8.70	ng	#	90
89) Benzo(a)pyrene	14.85	252	33050	3.95	ng	#	86
91) Benzo(g,h,i)perylene	16.38	276	20791	3.25	ng	#	91

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

Quantitation Report (Not Reviewed)

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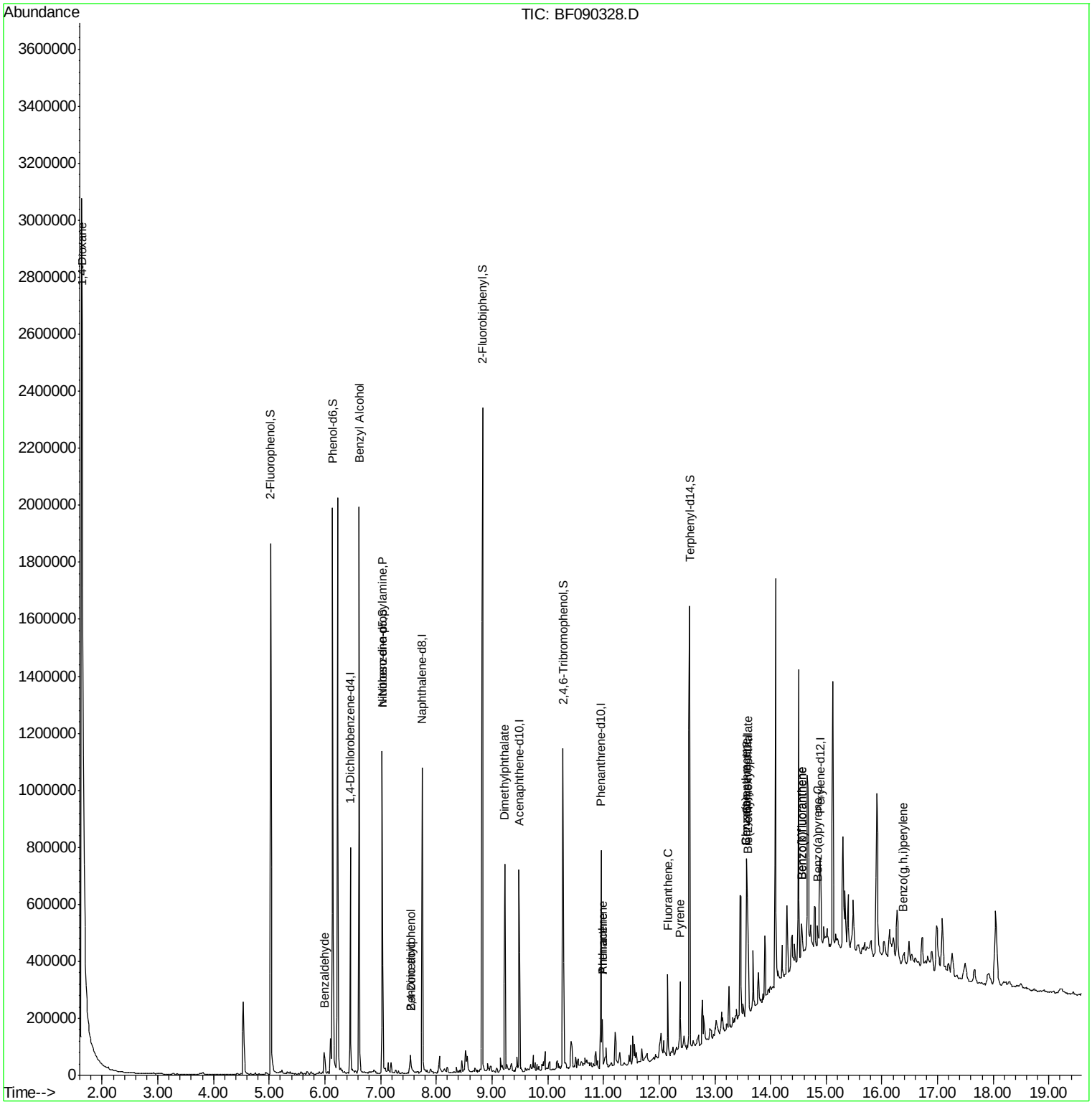
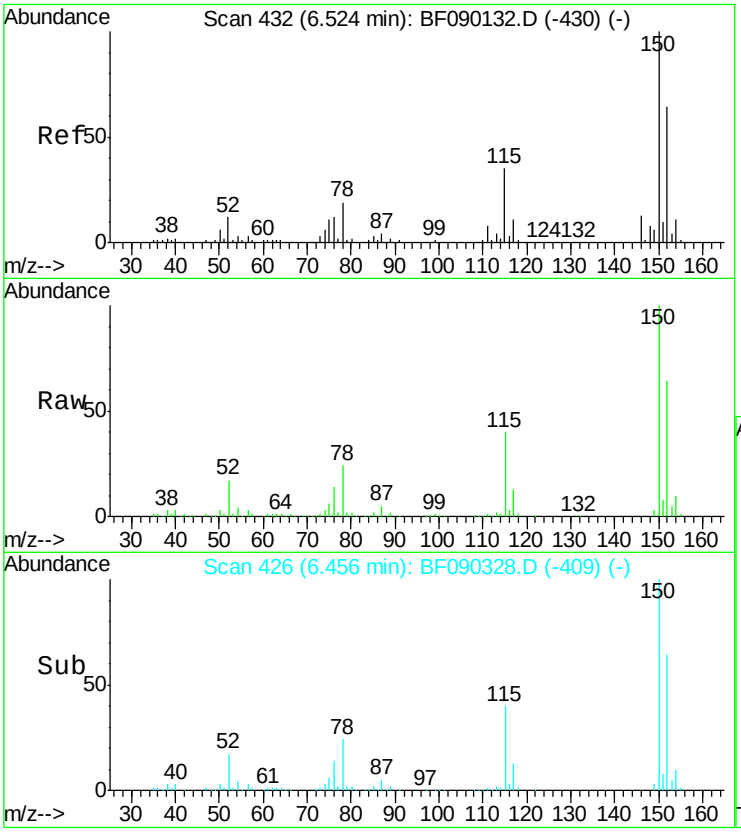


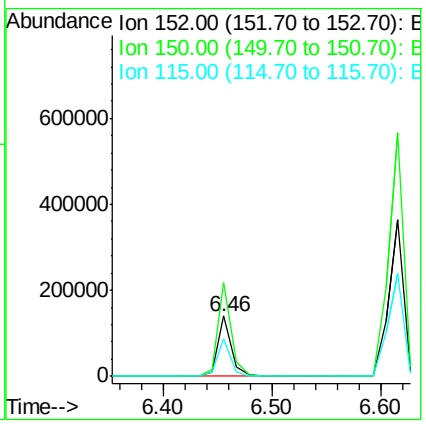


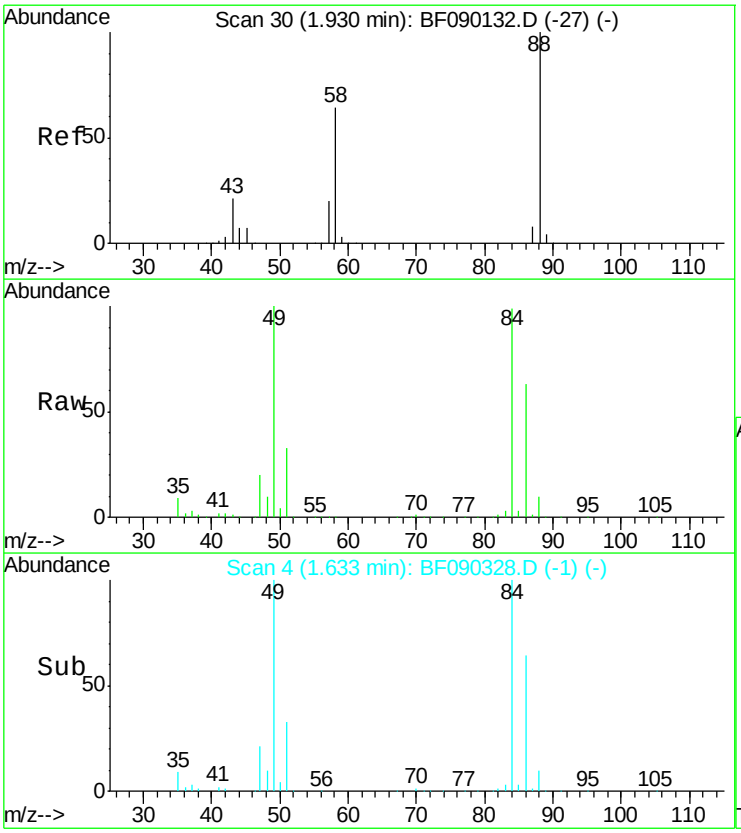
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.46 min Scan# 426
Delta R.T. -0.00 min
Lab File: BF090328.D
Acq: 30 Sep 2016 22:38

Instrument :
BNA_F
ClientSampleId :
PA-3

Tgt Ion:152 Resp: 121080

Ion	Ratio	Lower	Upper
152	100		
150	156.5	128.9	193.3
115	62.0	55.5	83.3

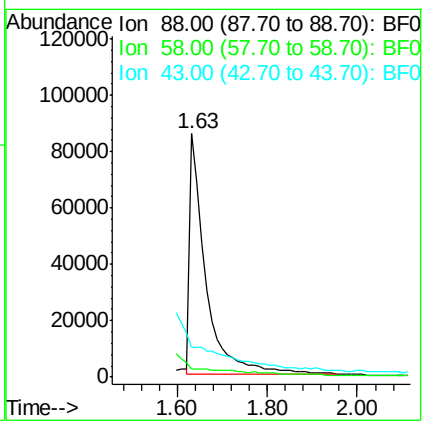


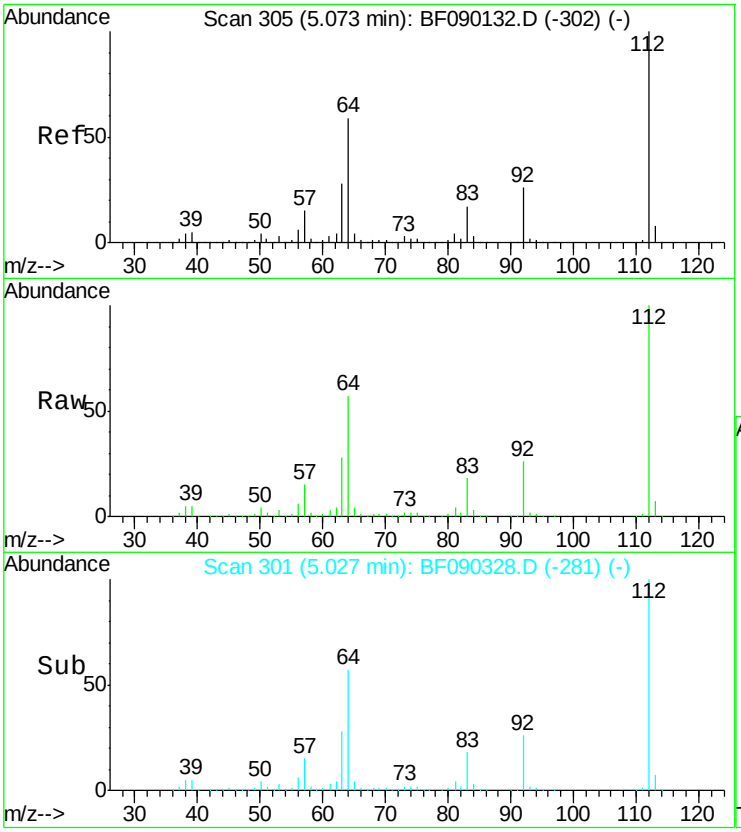


#2
1,4-Dioxane
Concen: 52.58 ng
RT: 1.63 min Scan# 4
Delta R.T. -0.16 min
Lab File: BF090328.D
Acq: 30 Sep 2016 22:38

Tgt Ion: 88 Resp: 211931

Ion	Ratio	Lower	Upper
88	100		
58	0.0	53.4	80.0#
43	0.0	16.5	24.7#



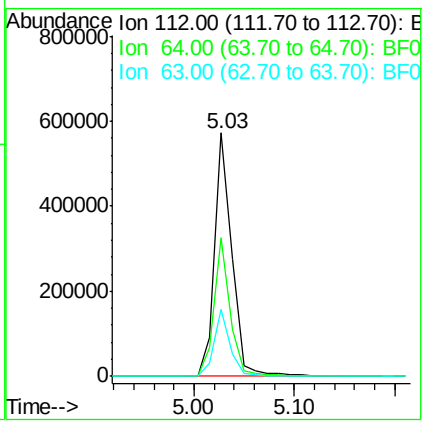


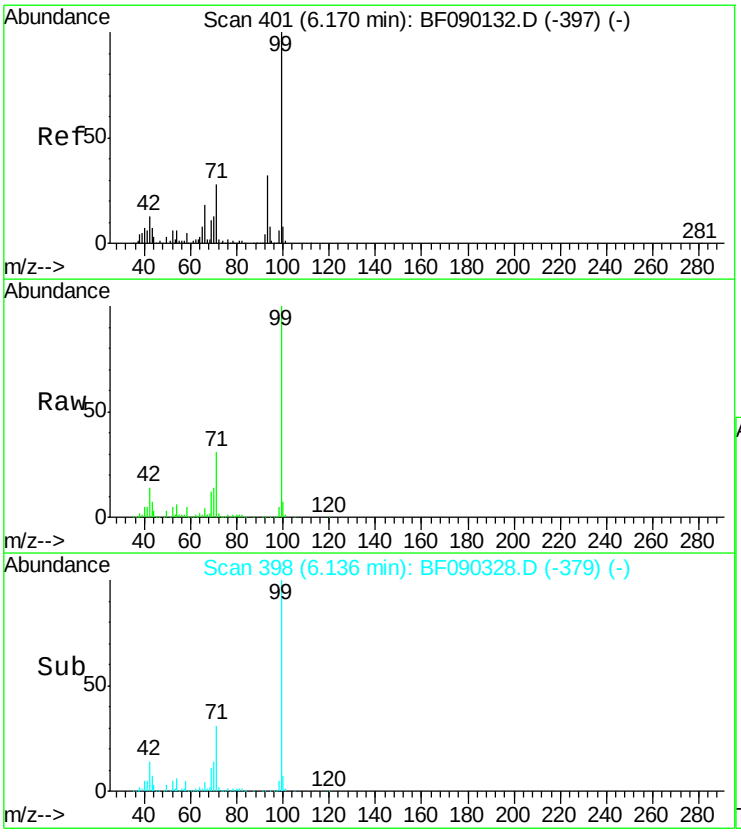
#5
2-Fluorophenol
Concen: 92.73 ng
RT: 5.03 min Scan# 301
Delta R.T. 0.03 min
Lab File: BF090328.D
Acq: 30 Sep 2016 22:38

Instrument :
BNA_F
ClientSampleId :
PA-3

Tgt Ion:112 Resp: 688813

Ion	Ratio	Lower	Upper
112	100		
64	56.8	39.8	59.6
63	27.6	18.9	28.3

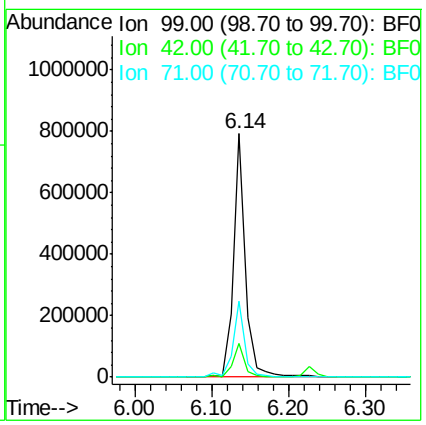


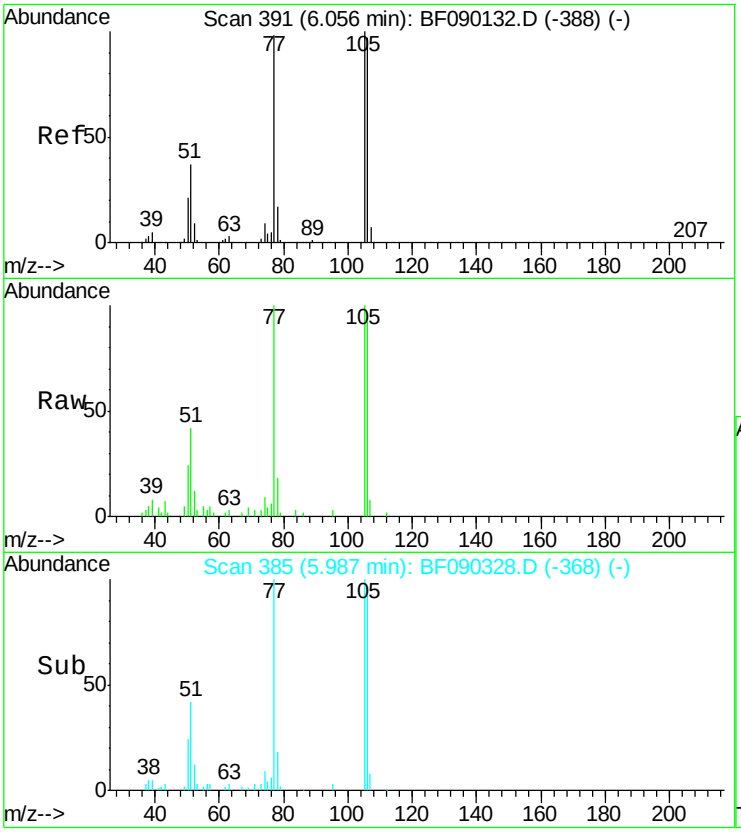


#7
Phenol-d6
Concen: 96.01 ng
RT: 6.14 min Scan# 398
Delta R.T. 0.02 min
Lab File: BF090328.D
Acq: 30 Sep 2016 22:38

Tgt Ion: 99 Resp: 880763

Ion	Ratio	Lower	Upper
99	100		
42	14.1	10.6	15.8
71	31.1	23.0	34.6



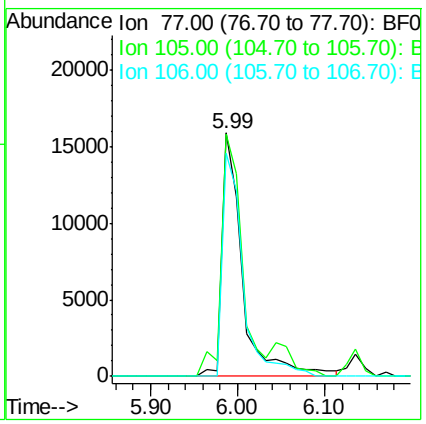


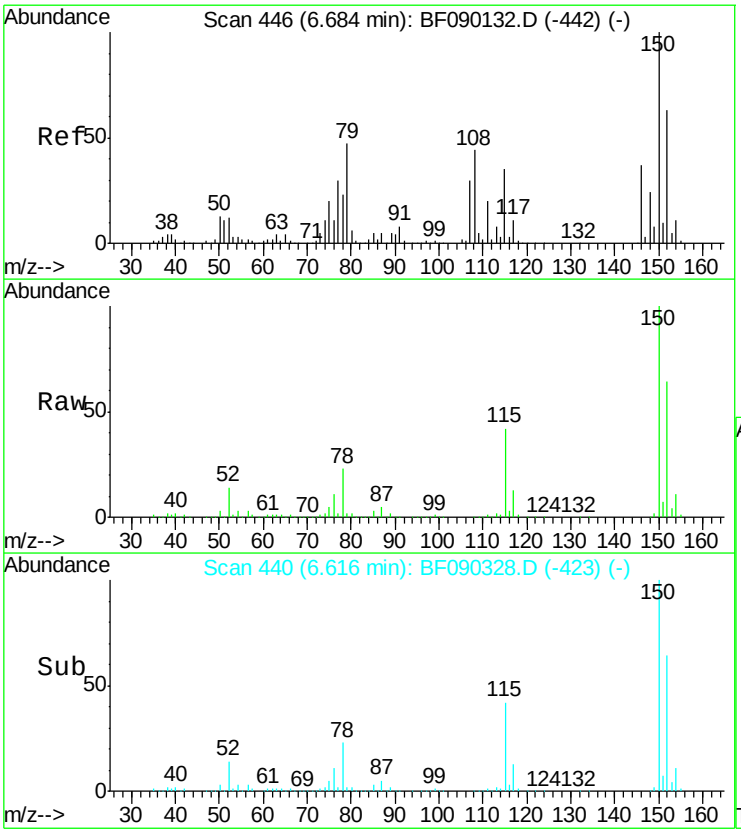
#9
Benzaldehyde
Concen: 6.54 ng
RT: 5.99 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF090328.D
Acq: 30 Sep 2016 22:38

Instrument :
BNA_F
ClientSampleId :
PA-3

Tgt Ion: 77 Resp: 26134

Ion	Ratio	Lower	Upper
77	100		
105	99.8	83.0	123.0
106	91.9	78.5	118.5

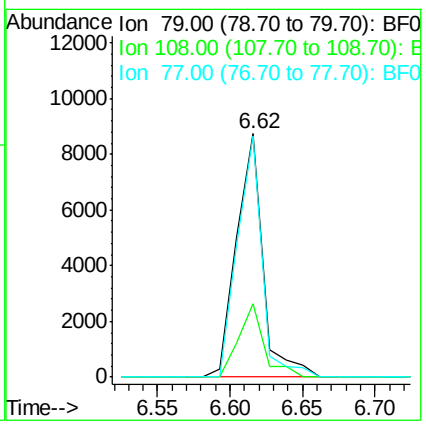


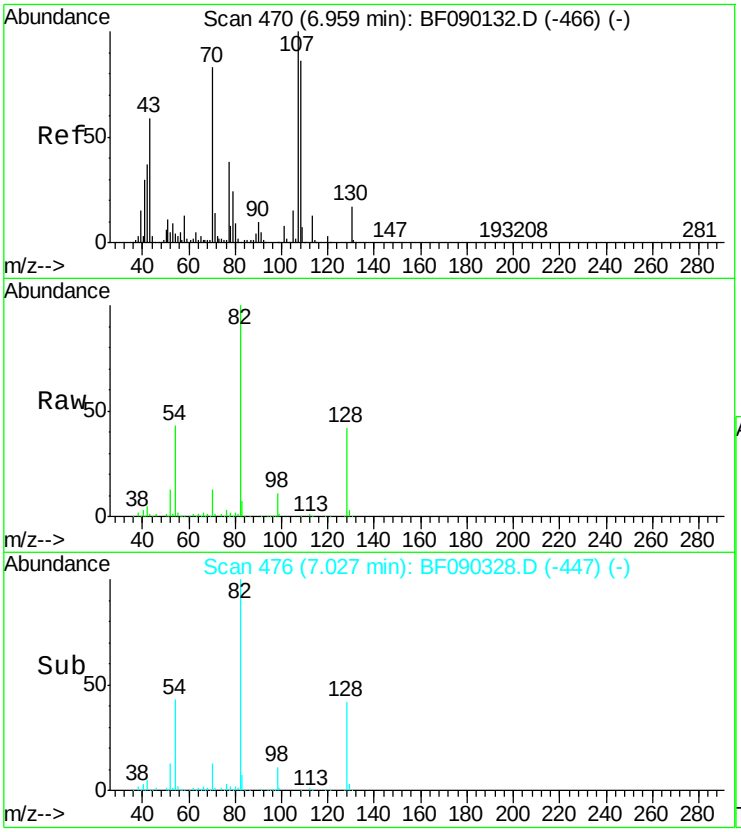


#15
Benzyl Alcohol
Concen: 2.01 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF090328.D
Acq: 30 Sep 2016 22:38

Tgt Ion: 79 Resp: 10999

Ion	Ratio	Lower	Upper
79	100		
108	30.4	62.2	93.4#
77	99.2	51.4	77.0#



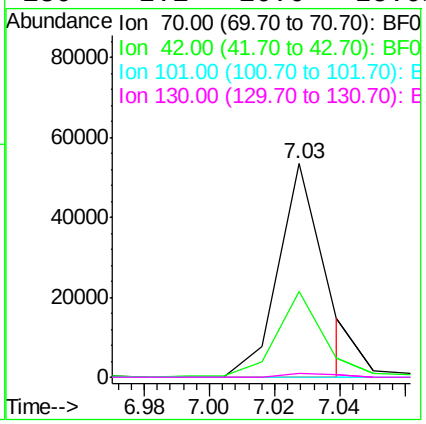


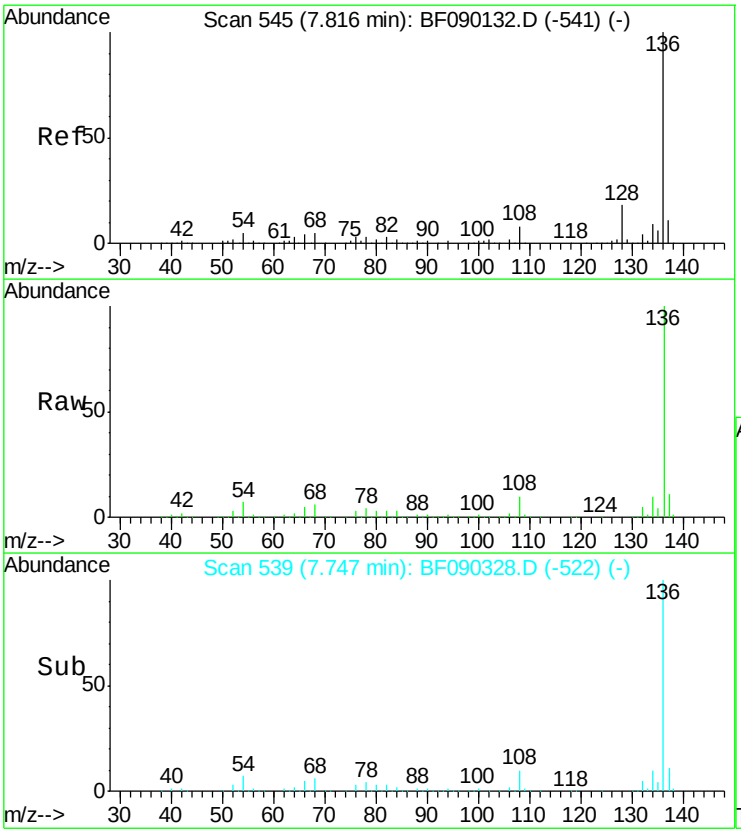
#19
n-Nitroso-di-n-propylamine
Concen: 9.67 ng
RT: 7.03 min Scan# 476
Delta R.T. 0.14 min
Lab File: BF090328.D
Acq: 30 Sep 2016 22:38

Instrument :
BNA_F
ClientSampleId :
PA-3

Tgt Ion: 70 Resp: 52092

Ion	Ratio	Lower	Upper
70	100		
42	40.2	35.1	52.7
101	0.0	7.5	11.3#
130	2.1	16.6	25.0#

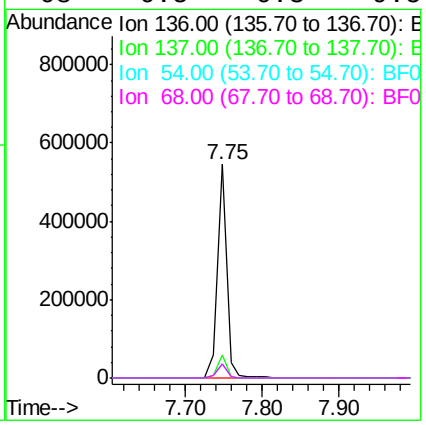


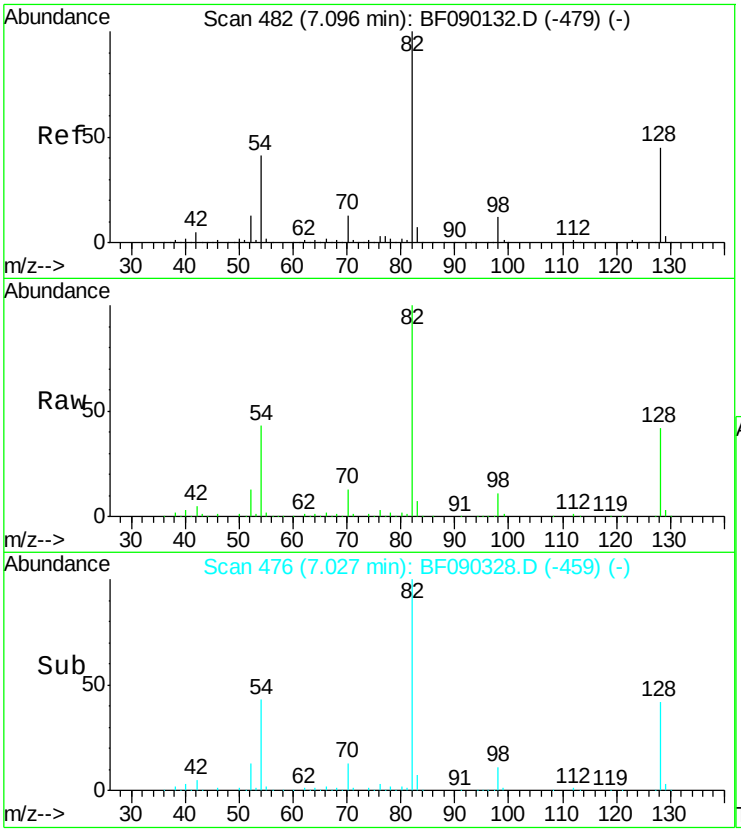


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF090328.D
Acq: 30 Sep 2016 22:38

Tgt Ion:136 Resp: 453920

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.8	6.4	9.6
68	6.5	6.3	9.5



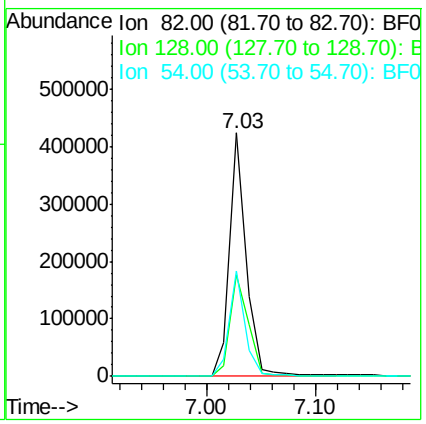


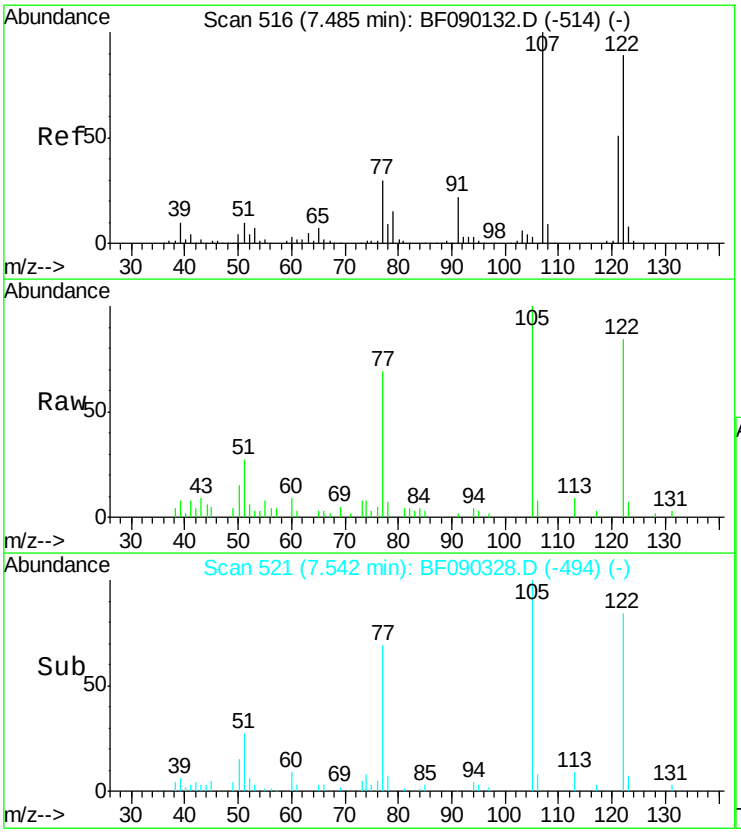
#23
Nitrobenzene-d5
Concen: 57.31 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.00 min
Lab File: BF090328.D
Acq: 30 Sep 2016 22:38

Instrument :
BNA_F
ClientSampleId :
PA-3

Tgt Ion: 82 Resp: 448736

Ion	Ratio	Lower	Upper
82	100		
128	41.6	37.5	56.3
54	43.0	31.9	47.9

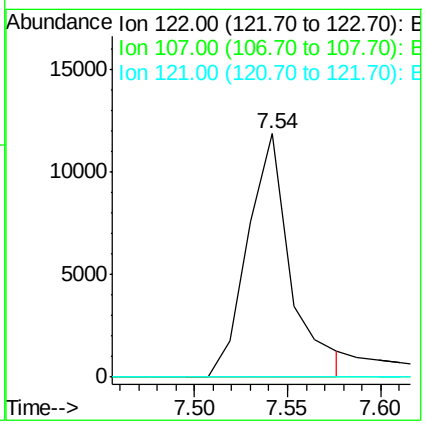


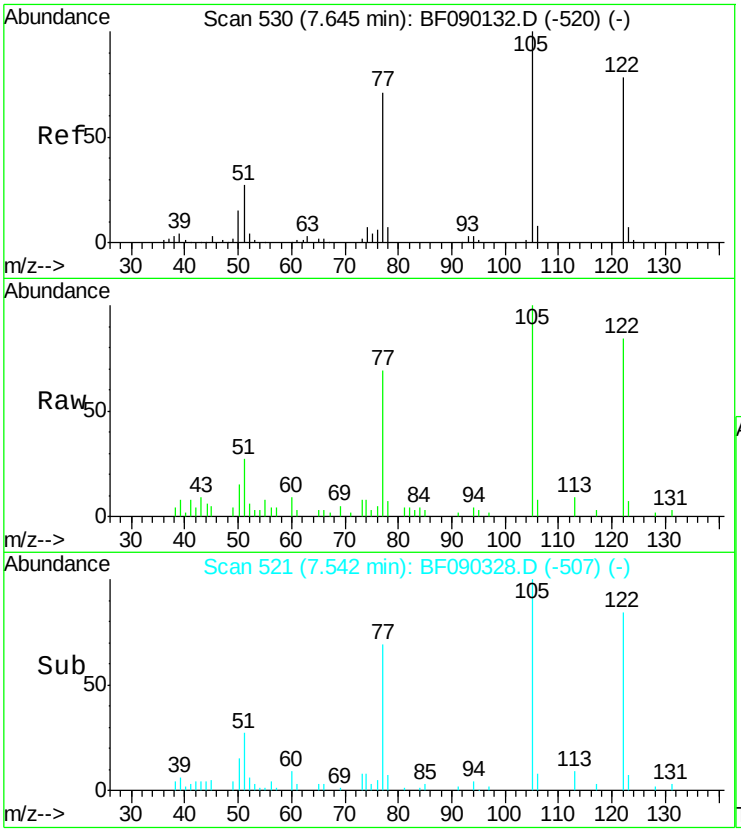


#27
2,4-Dimethylphenol
Concen: 2.67 ng
RT: 7.54 min Scan# 521
Delta R.T. 0.11 min
Lab File: BF090328.D
Acq: 30 Sep 2016 22:38

Tgt Ion:122 Resp: 19081

Ion	Ratio	Lower	Upper
122	100		
107	0.0	87.8	131.6#
121	0.0	45.7	68.5#



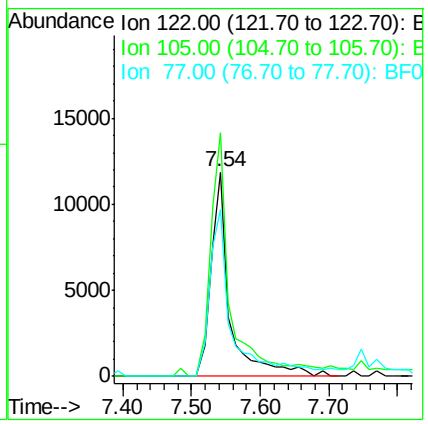


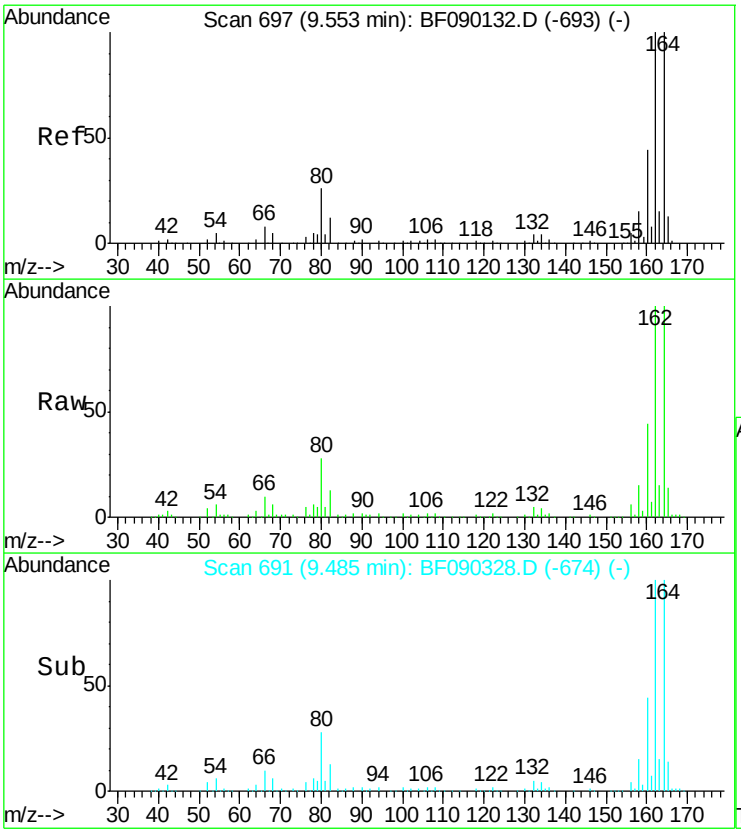
#32
Benzoic acid
Concen: 4.62 ng
RT: 7.54 min Scan# 521
Delta R.T. -0.03 min
Lab File: BF090328.D
Acq: 30 Sep 2016 22:38

Instrument :
BNA_F
ClientSampleId :
PA-3

Tgt Ion:122 Resp: 22641

Ion	Ratio	Lower	Upper
122	100		
105	119.2	105.0	145.0
77	81.7	70.4	110.4

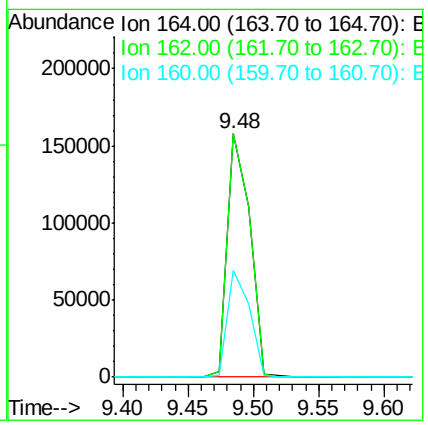


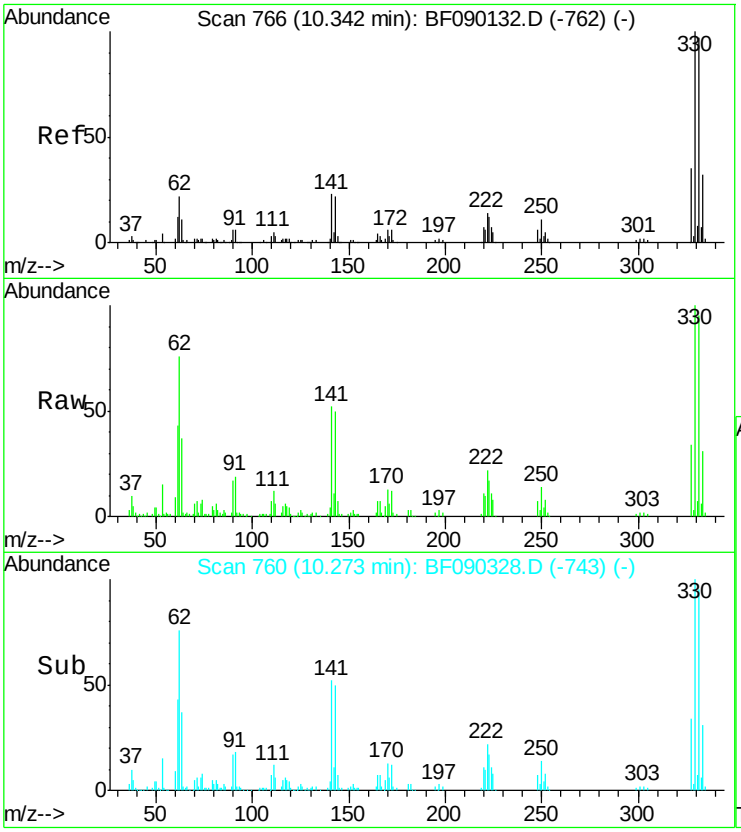


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF090328.D
Acq: 30 Sep 2016 22:38

Tgt Ion:164 Resp: 189034

Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.4	122.2
160	43.9	36.6	54.8



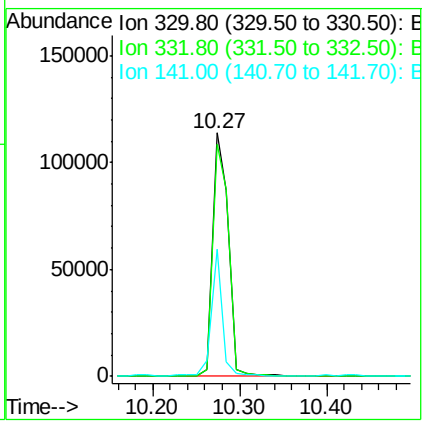


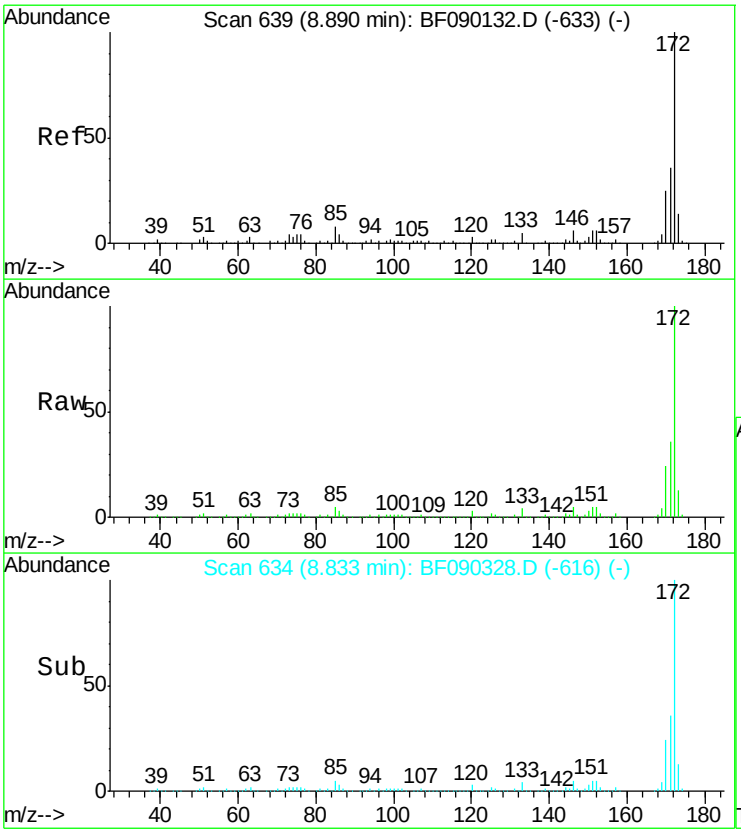
#41
2,4,6-Tribromophenol
Concen: 89.96 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF090328.D
Acq: 30 Sep 2016 22:38

Instrument :
BNA_F
ClientSampleId :
PA-3

Tgt Ion:330 Resp: 145887

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.1	117.1
141	38.0	23.9	35.9#

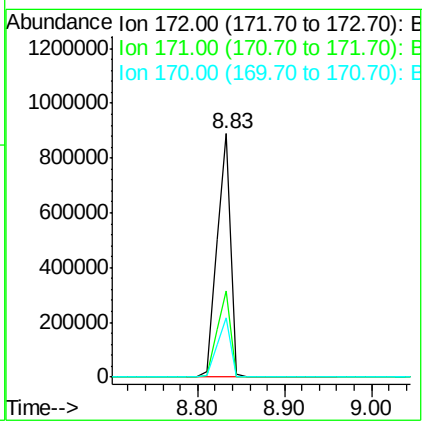


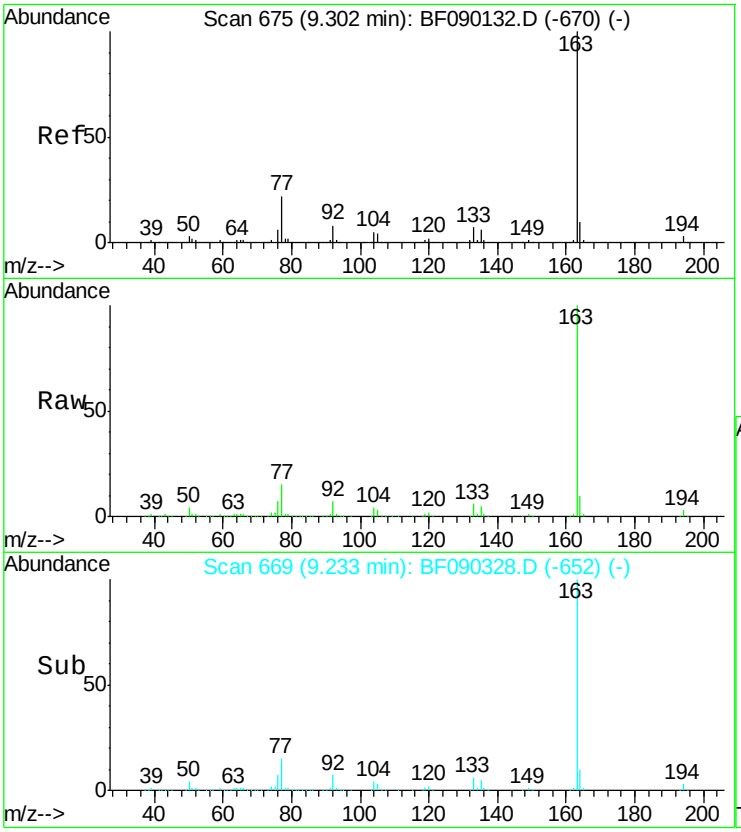


#44
2-Fluorobiphenyl
Concen: 102.45 ng
RT: 8.83 min Scan# 634
Delta R.T. 0.01 min
Lab File: BF090328.D
Acq: 30 Sep 2016 22:38

Tgt Ion:172 Resp: 986481

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.2	43.8
170	24.2	19.8	29.8



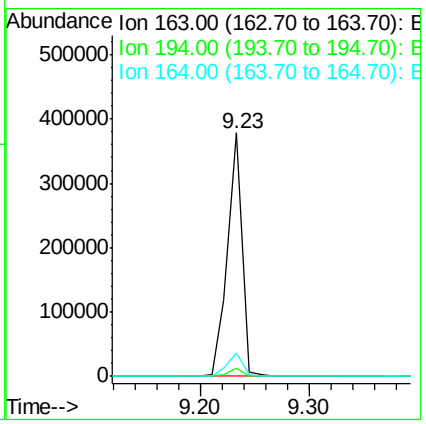


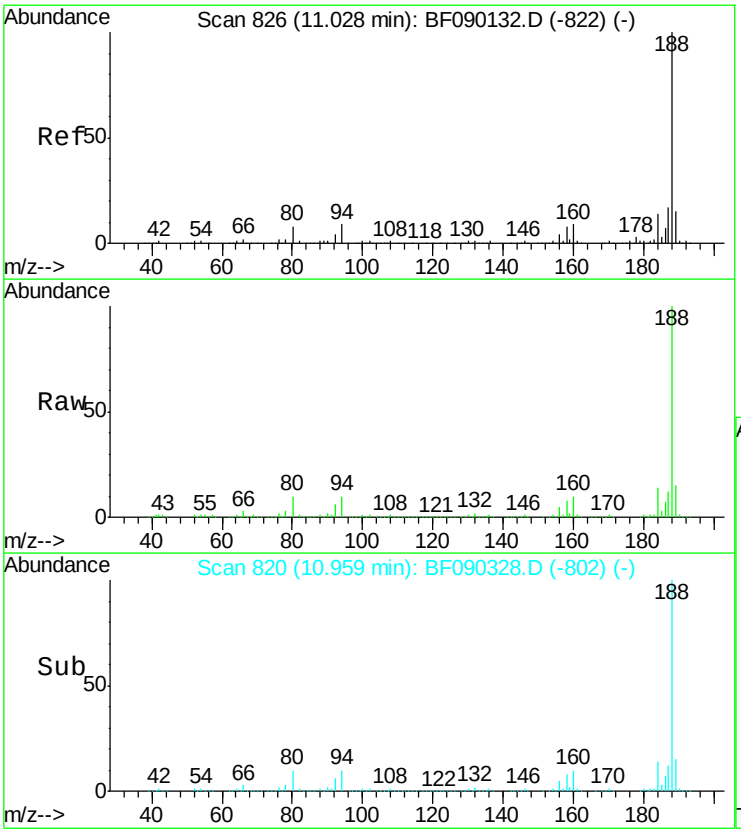
#49
Dimethylphthalate
Concen: 29.05 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF090328.D
Acq: 30 Sep 2016 22:38

Instrument :
BNA_F
ClientSampleId :
PA-3

Tgt Ion:163 Resp: 349722

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	9.8	8.1	12.1

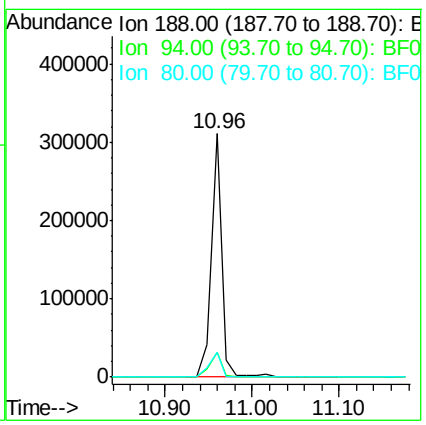


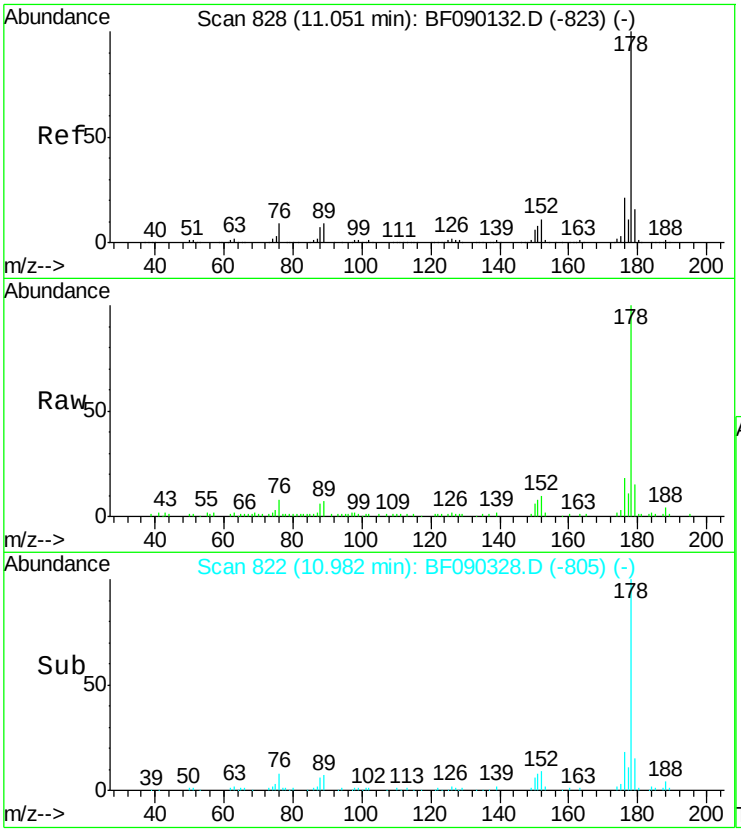


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.96 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF090328.D
Acq: 30 Sep 2016 22:38

Tgt Ion:188 Resp: 266036

Ion	Ratio	Lower	Upper
188	100		
94	10.1	10.5	15.7#
80	10.2	11.2	16.8#



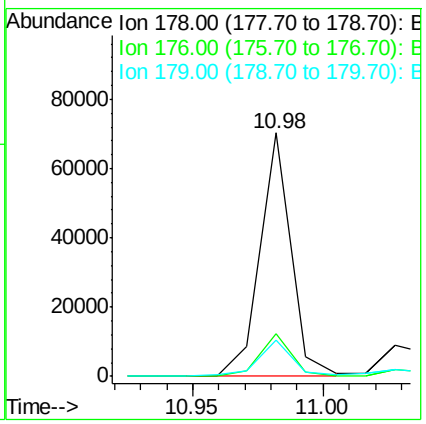


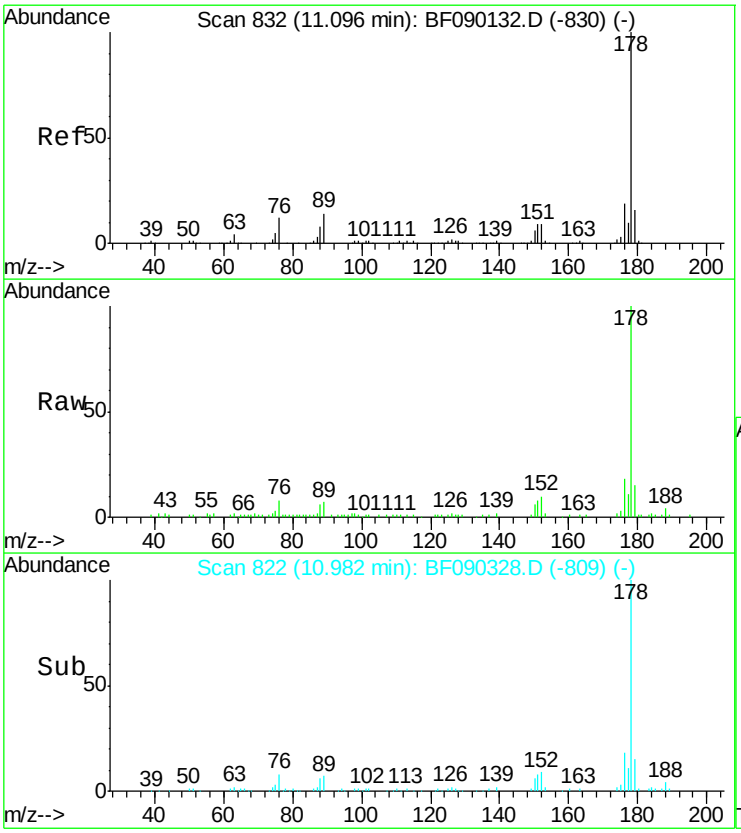
#70
Phenanthrene
Concen: 4.70 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF090328.D
Acq: 30 Sep 2016 22:38

Instrument :
BNA_F
ClientSampleId :
PA-3

Tgt Ion:178 Resp: 58529

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.9	23.9
179	15.1	12.9	19.3

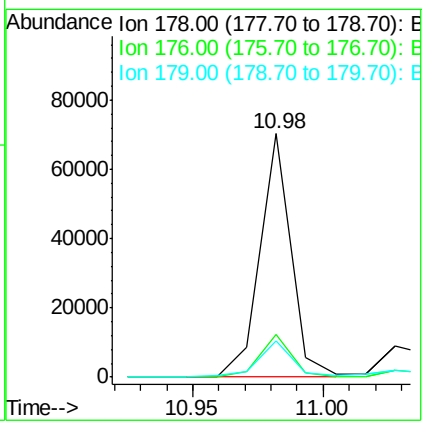


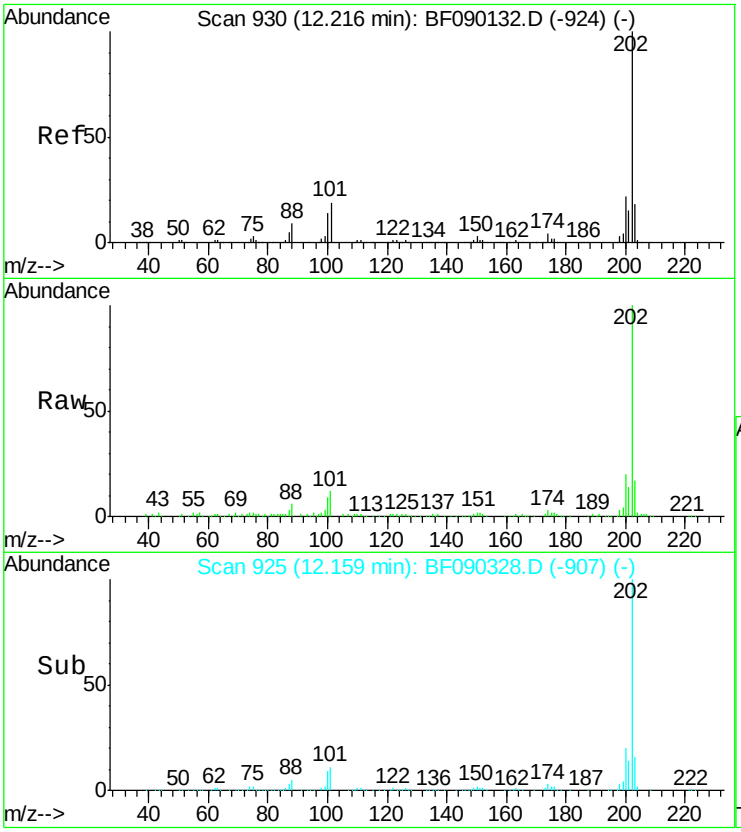


#71
Anthracene
Concen: 4.49 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.05 min
Lab File: BF090328.D
Acq: 30 Sep 2016 22:38

Tgt Ion:178 Resp: 58529

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.8	23.6
179	15.1	12.6	19.0



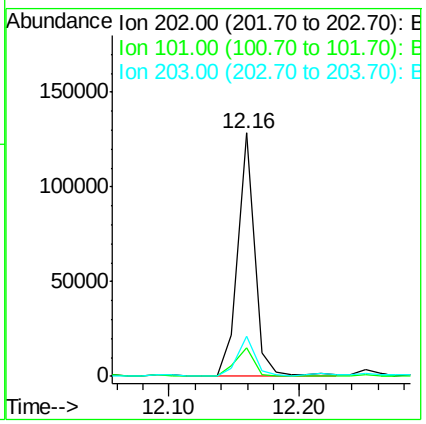


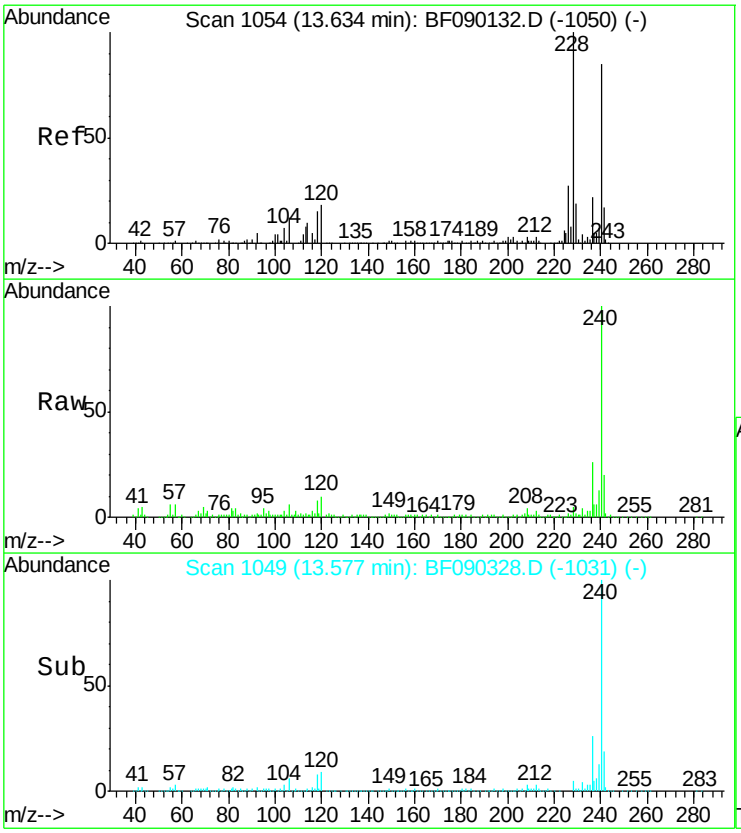
#74
Fluoranthene
Concen: 8.70 ng
RT: 12.16 min Scan# 925
Delta R.T. 0.01 min
Lab File: BF090328.D
Acq: 30 Sep 2016 22:38

Instrument :
BNA_F
ClientSampleId :
PA-3

Tgt Ion:202 Resp: 116244

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	36.1
203	16.5	0.0	38.2

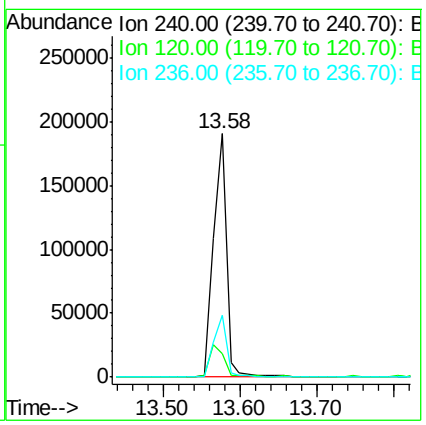


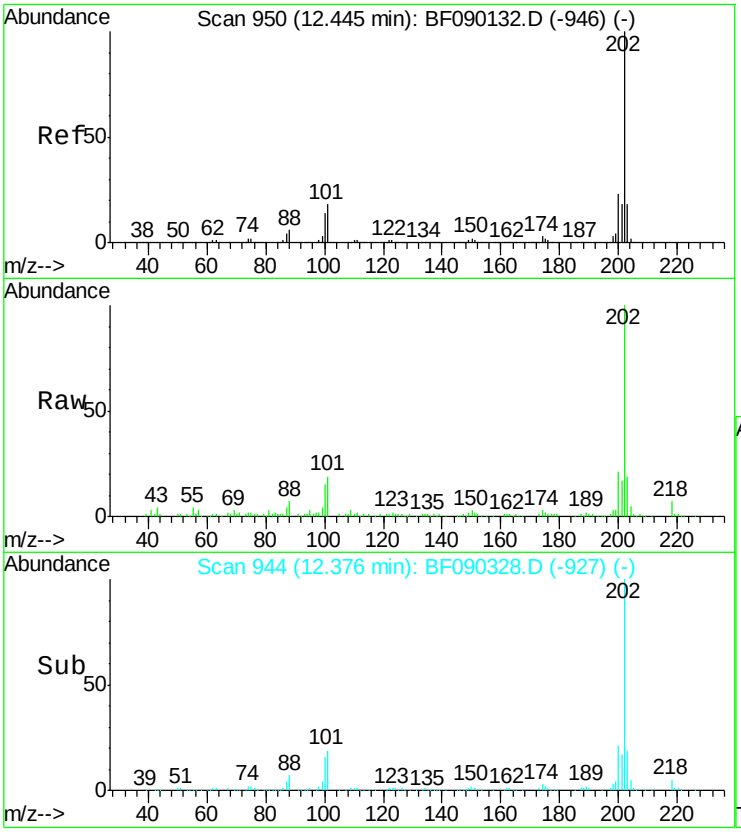


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.58 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF090328.D
Acq: 30 Sep 2016 22:38

Tgt Ion:240 Resp: 224618

Ion	Ratio	Lower	Upper
240	100		
120	9.7	10.6	16.0#
236	25.6	21.6	32.4



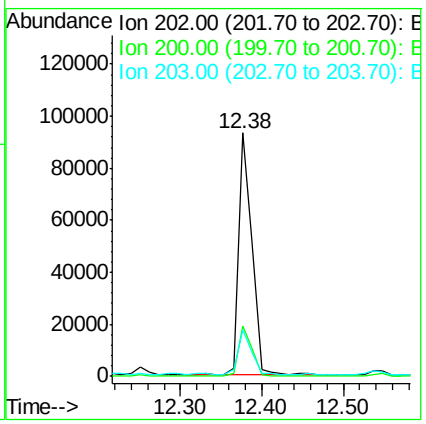


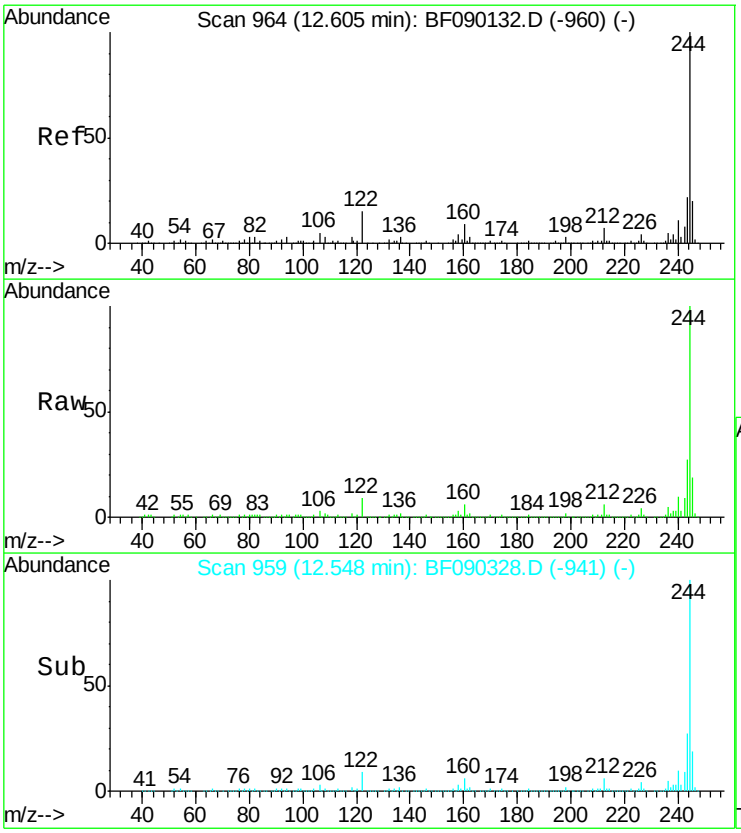
#77
Pyrene
Concen: 6.96 ng
RT: 12.38 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF090328.D
Acq: 30 Sep 2016 22:38

Instrument :
BNA_F
ClientSampleId :
PA-3

Tgt Ion:202 Resp: 106986

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.9	26.9
203	19.4	14.2	21.4

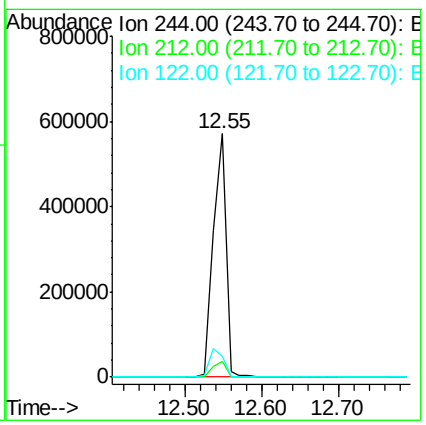


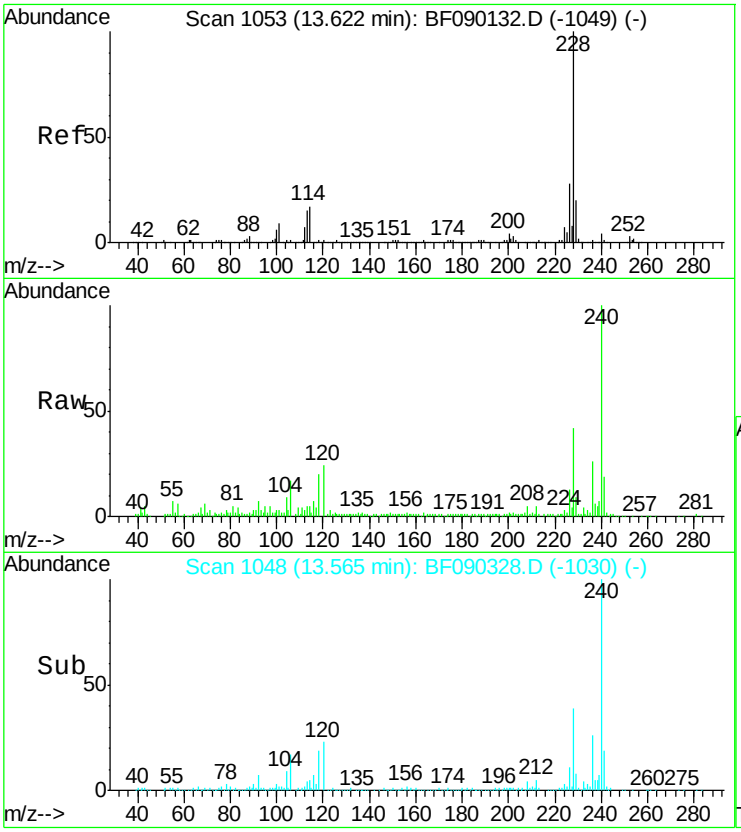


#78
Terphenyl-d14
Concen: 73.78 ng
RT: 12.55 min Scan# 959
Delta R.T. 0.01 min
Lab File: BF090328.D
Acq: 30 Sep 2016 22:38

Tgt Ion:244 Resp: 652784

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.8	8.8
122	8.8	9.4	14.0#



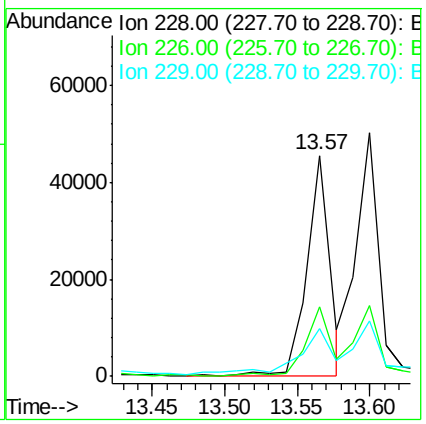


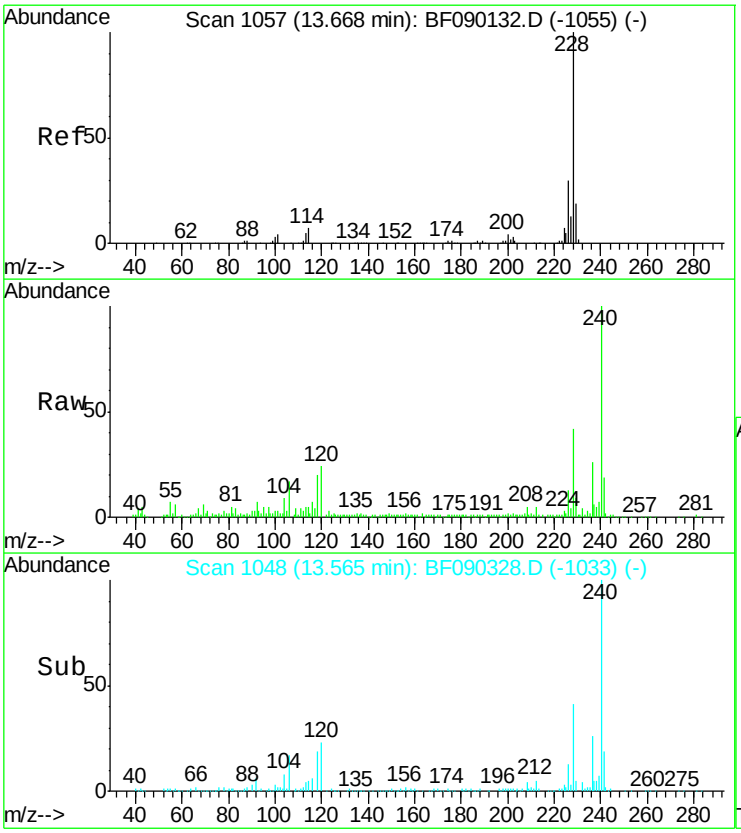
#80
Benzo(a)anthracene
Concen: 4.15 ng
RT: 13.57 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF090328.D
Acq: 30 Sep 2016 22:38

Instrument :
BNA_F
ClientSampleId :
PA-3

Tgt Ion:228 Resp: 50211

Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.0	33.0
229	21.9	16.2	24.2

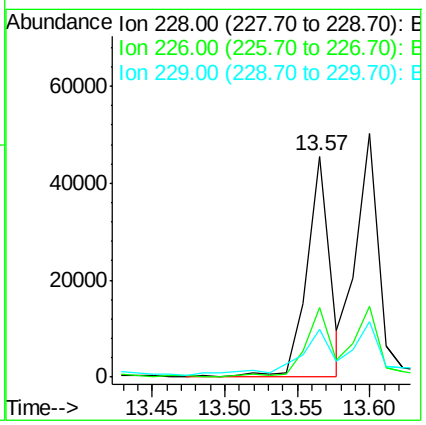


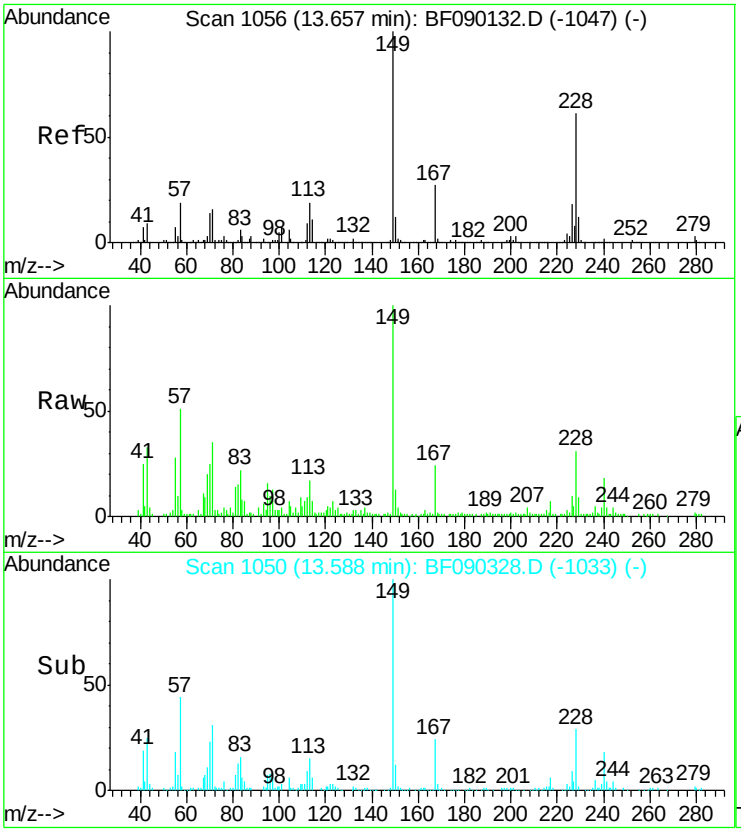


#82
Chrysene
Concen: 4.27 ng
RT: 13.57 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF090328.D
Acq: 30 Sep 2016 22:38

Tgt Ion:228 Resp: 50211

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.6	37.0
229	21.9	16.2	24.4



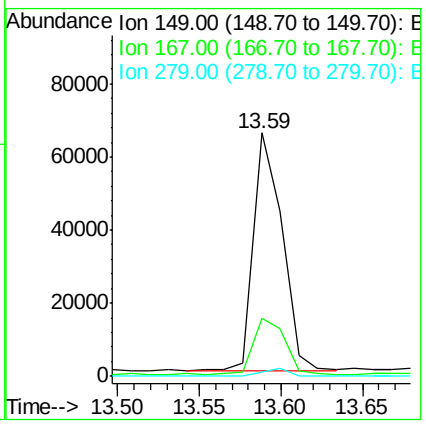


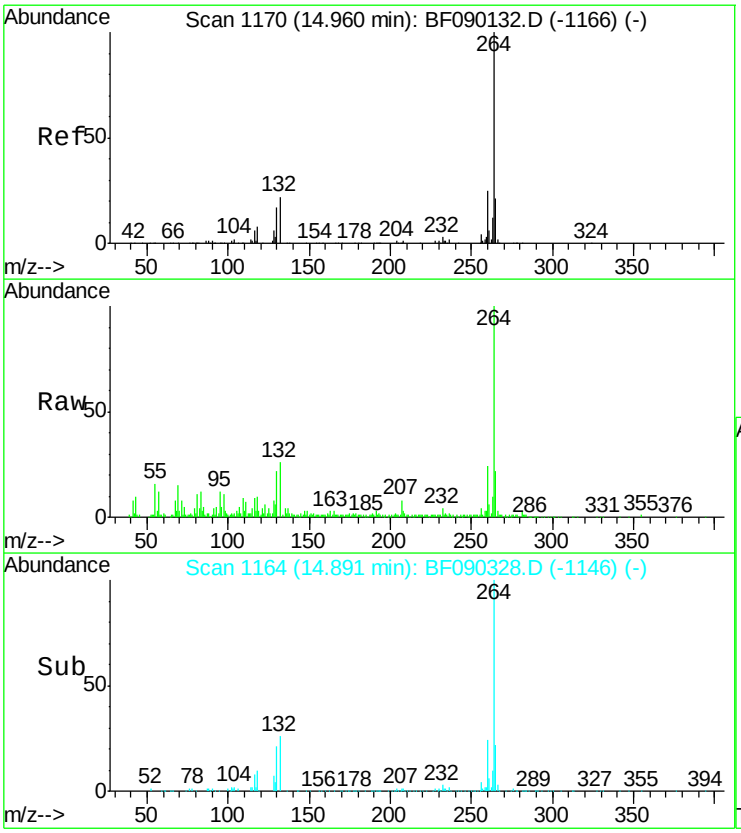
#83
Bis(2-ethylhexyl)phthalate
Concen: 8.26 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF090328.D
Acq: 30 Sep 2016 22:38

Instrument :
BNA_F
ClientSampleId :
PA-3

Tgt Ion:149 Resp: 79501

Ion	Ratio	Lower	Upper
149	100		
167	24.1	21.2	31.8
279	1.7	2.2	3.2#

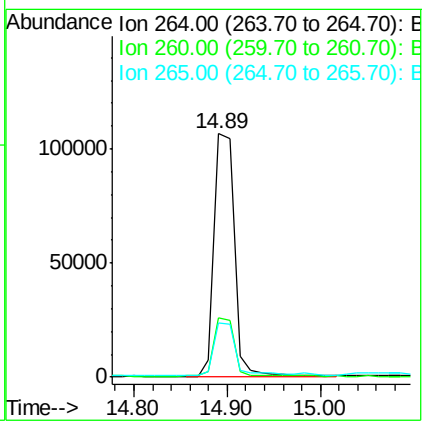


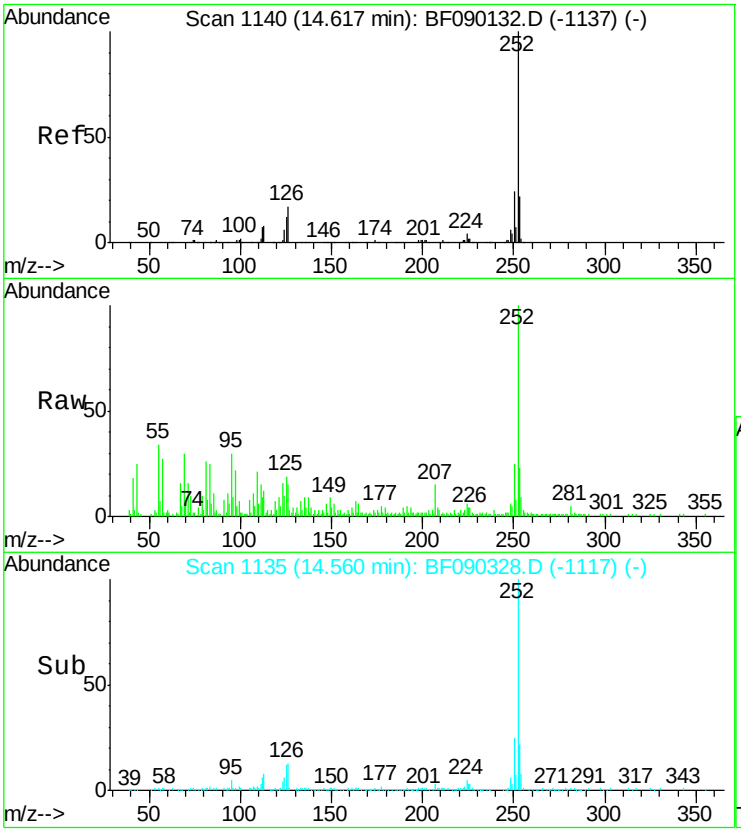


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.89 min Scan# 1164
Delta R.T. 0.01 min
Lab File: BF090328.D
Acq: 30 Sep 2016 22:38

Tgt Ion:264 Resp: 160830

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.1	17.0	25.4



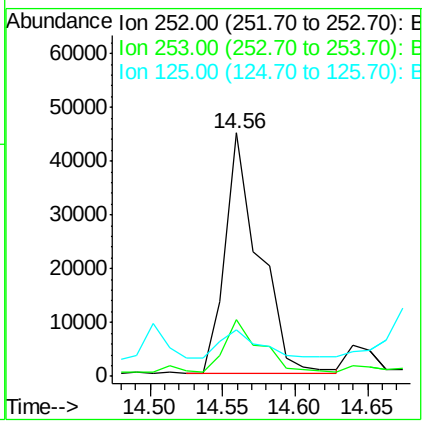


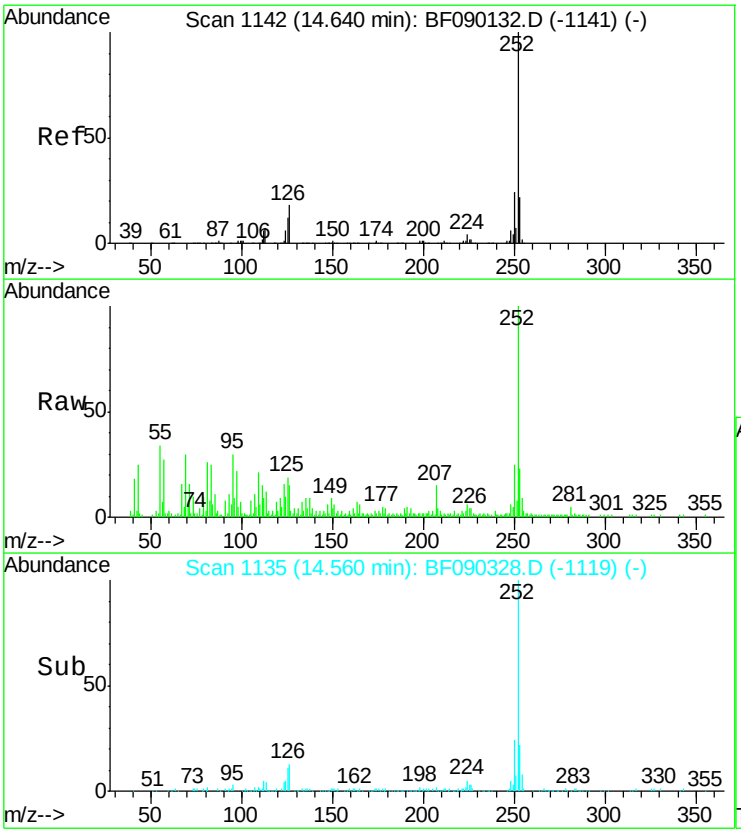
#87
Benzo(b)fluoranthene
Concen: 8.17 ng
RT: 14.56 min Scan# 1135
Delta R.T. 0.01 min
Lab File: BF090328.D
Acq: 30 Sep 2016 22:38

Instrument :
BNA_F
ClientSampleId :
PA-3

Tgt Ion:252 Resp: 72736

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	19.3	12.7	19.1#

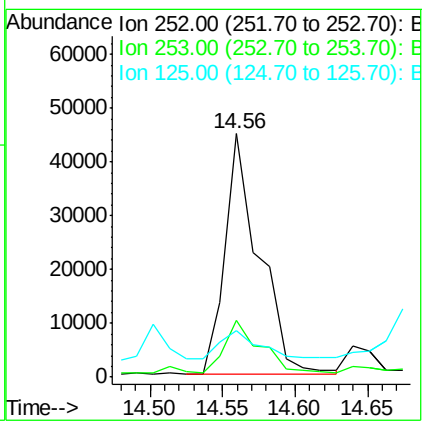


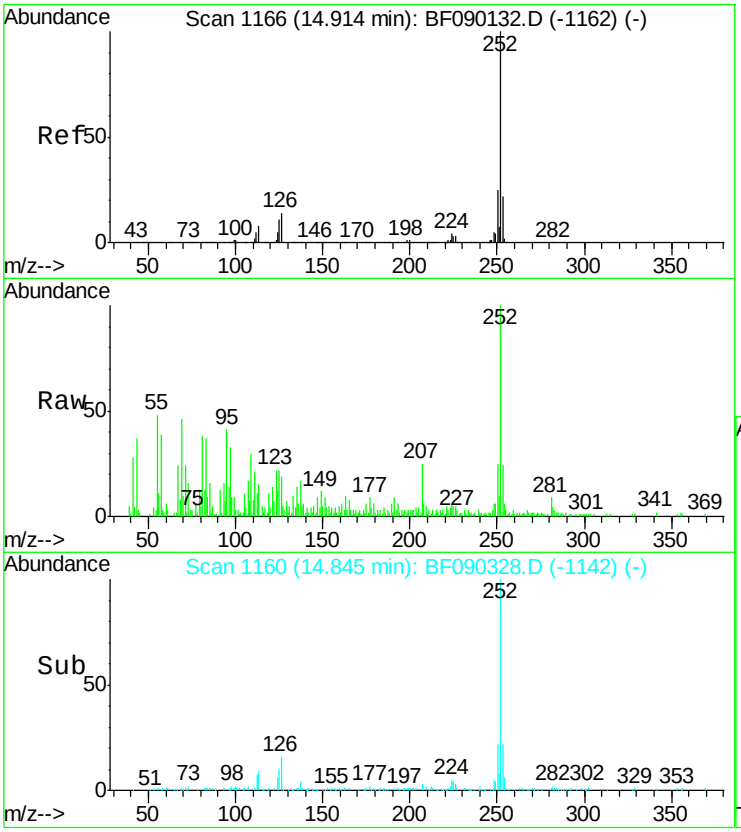


#88
Benzo(k)fluoranthene
Concen: 8.70 ng
RT: 14.56 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF090328.D
Acq: 30 Sep 2016 22:38

Tgt Ion:252 Resp: 72736

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.8
125	19.3	7.8	11.6#



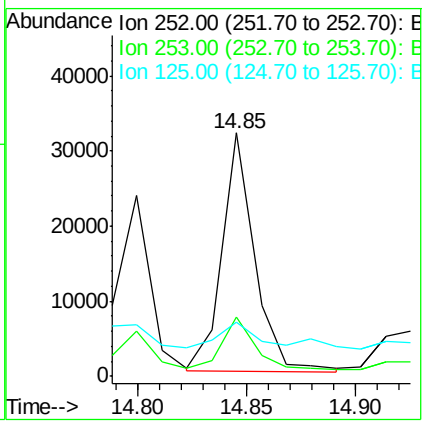


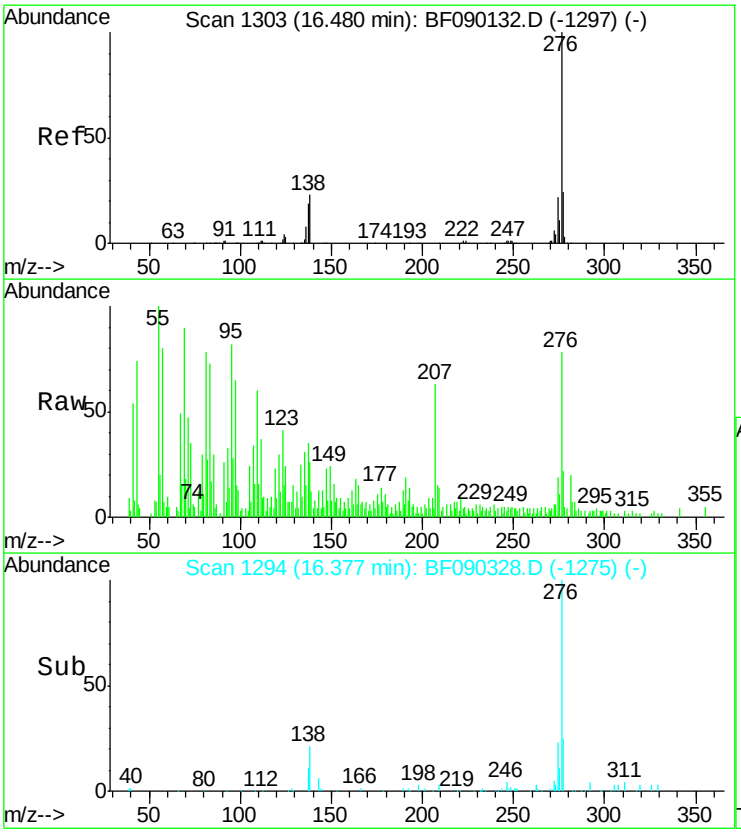
#89
Benzo(a)pyrene
Concen: 3.95 ng
RT: 14.85 min Scan# 1160
Delta R.T. 0.01 min
Lab File: BF090328.D
Acq: 30 Sep 2016 22:38

Instrument :
BNA_F
ClientSampleId :
PA-3

Tgt Ion:252 Resp: 33050

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.0
125	22.4	7.7	11.5#





#91
Benzo(g,h,i)perylene
Concen: 3.25 ng
RT: 16.38 min Scan# 1294
Delta R.T. 0.02 min
Lab File: BF090328.D
Acq: 30 Sep 2016 22:38

Tgt Ion:276 Resp: 20791

Ion	Ratio	Lower	Upper
276	100		
277	28.4	18.9	28.3#
138	33.2	23.3	34.9