Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
Data File : BF090204.D
Acq On : 23 Sep 2016 18:16
Operator : UM/SJ
Sample : H4867-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 23 18:43:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 18:09:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	121776	20.00	ng		-0.03
21) Naphthalene-d8	7.78	136	452478	20.00	ng		-0.03
38) Acenaphthene-d10	9.52	164	222498	20.00	ng		-0.03
63) Phenanthrene-d10	10.98	188	261545	20.00	ng		-0.05
75) Chrysene-d12	13.60	240	237200	20.00	ng		-0.03
86) Perylene-d12	14.93	264	268241	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	960270	128.53	ng		-0.01
7) Phenol-d6	6.16	99	1255844	136.11	ng		-0.01
23) Nitrobenzene-d5	7.06	82	693767	88.88	ng		-0.03
41) 2,4,6-Tribromophenol	10.31	330	231331	121.19	ng		-0.03
44) 2-Fluorobiphenyl	8.86	172	930046	82.06	ng		-0.03
78) Terphenyl-d14	12.57	244	598042	64.01	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.66	88	275542	67.98	ng	#	26
15) Benzyl Alcohol	6.65	79	19086	3.47	ng	#	46
19) n-Nitroso-di-n-propylamine	7.06	70	85511	15.78	ng	#	79
22) Acetophenone	6.91	105	96006	8.80	ng	#	96
24) Nitrobenzene	7.05	77	16426	2.02	ng	#	48
25) Isophorone	7.06	82	578075	35.45	ng	#	66
49) Dimethylphthalate	9.26	163	335046	23.64	ng		99
56) 2,4-Dinitrotoluene	9.52	165	29432	7.88	ng	#	15
66) 4-Bromophenyl-phenylether	10.31	248	13051	5.07	ng	#	1
74) Fluoranthene	12.18	202	51184	3.90	ng		98
77) Pyrene	12.41	202	47187	2.91	ng		97
80) Benzo(a)anthracene	13.59	228	26898	2.11	ng	#	85
82) Chrysene	13.59	228	27038	2.18	ng	#	89
87) Benzo(b)fluoranthene	14.58	252	52903	3.56	ng	#	85
88) Benzo(k)fluoranthene	14.58	252	52903	3.80	ng	#	80

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
Data File : BF090204.D
Acq On : 23 Sep 2016 18:16
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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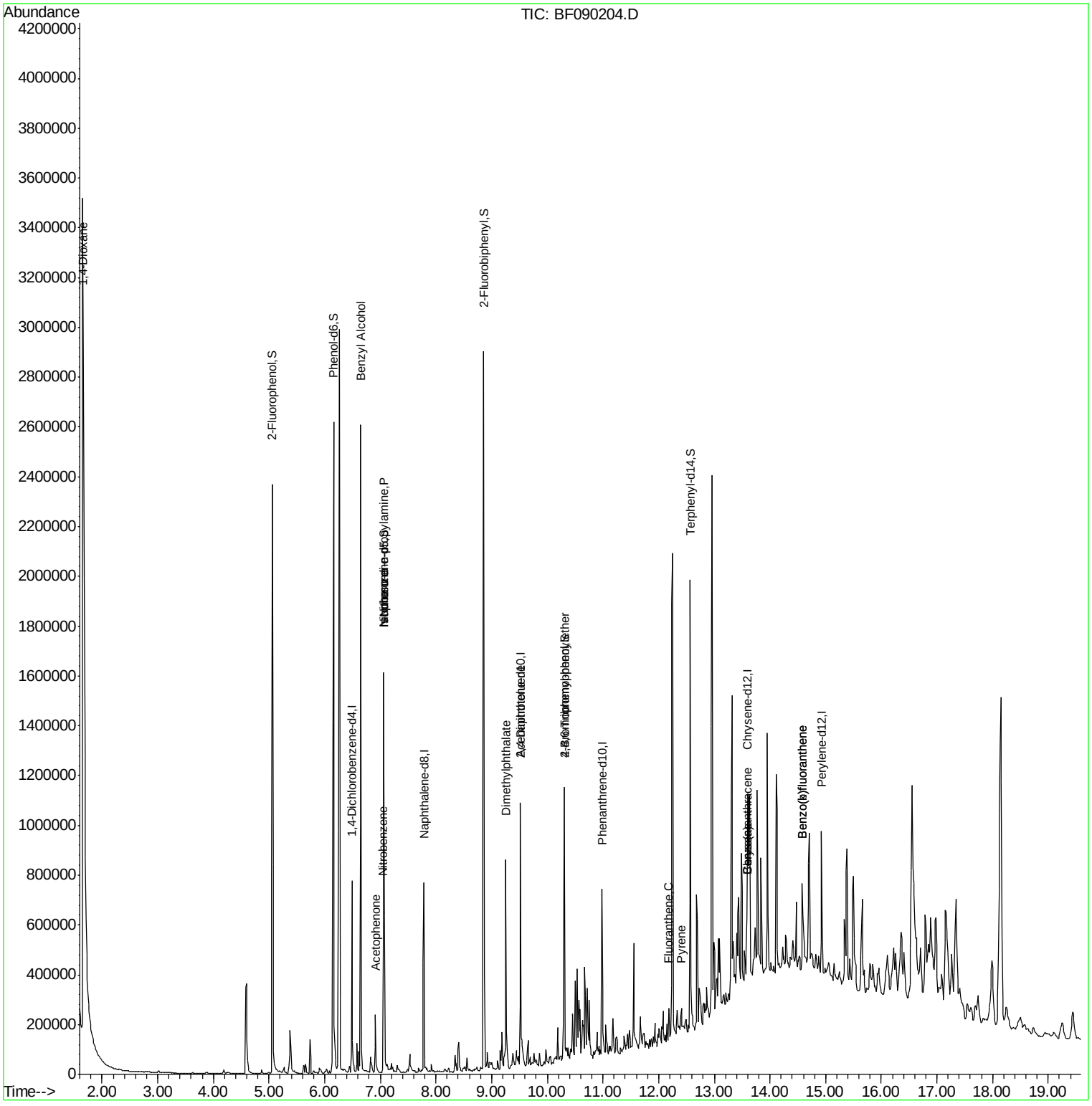
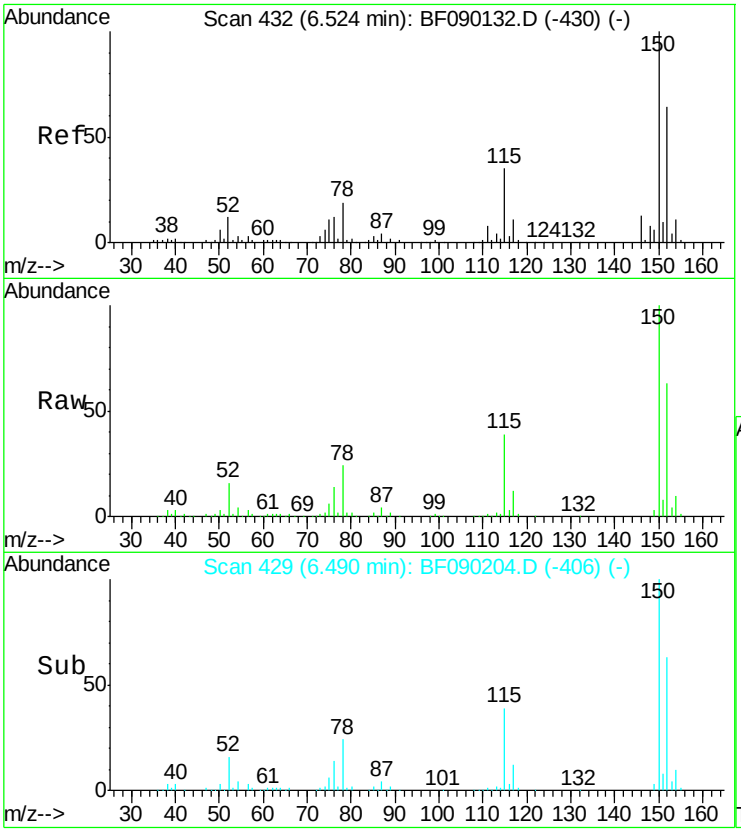


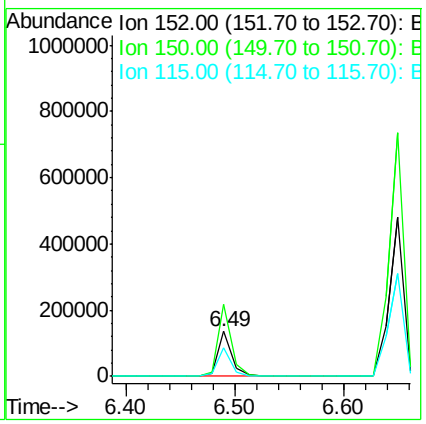


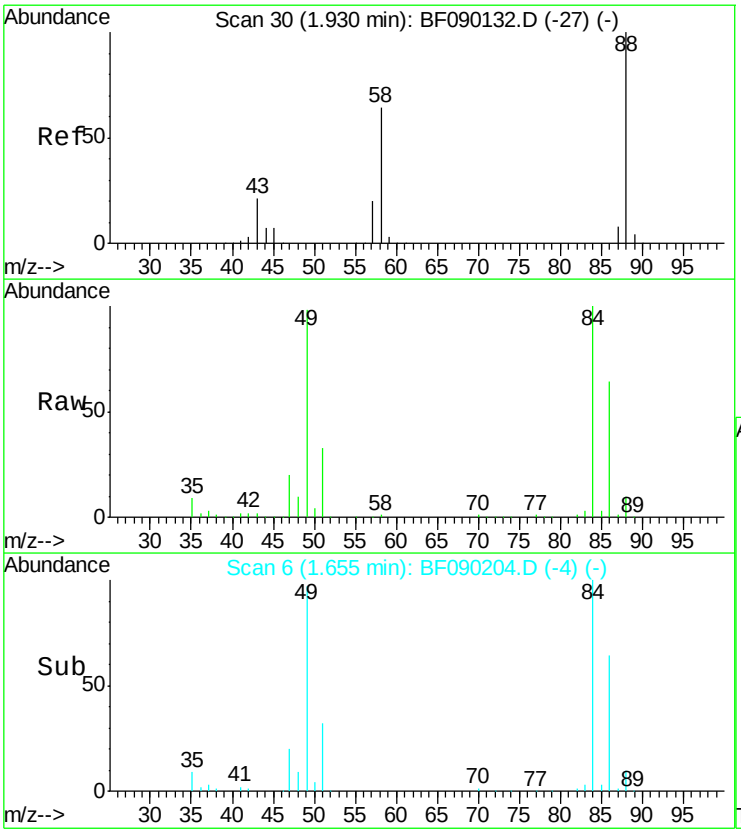
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.03 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 121776

Ion	Ratio	Lower	Upper
152	100		
150	159.0	128.9	193.3
115	62.1	55.5	83.3

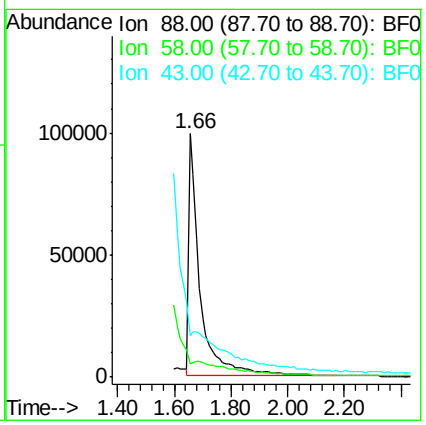


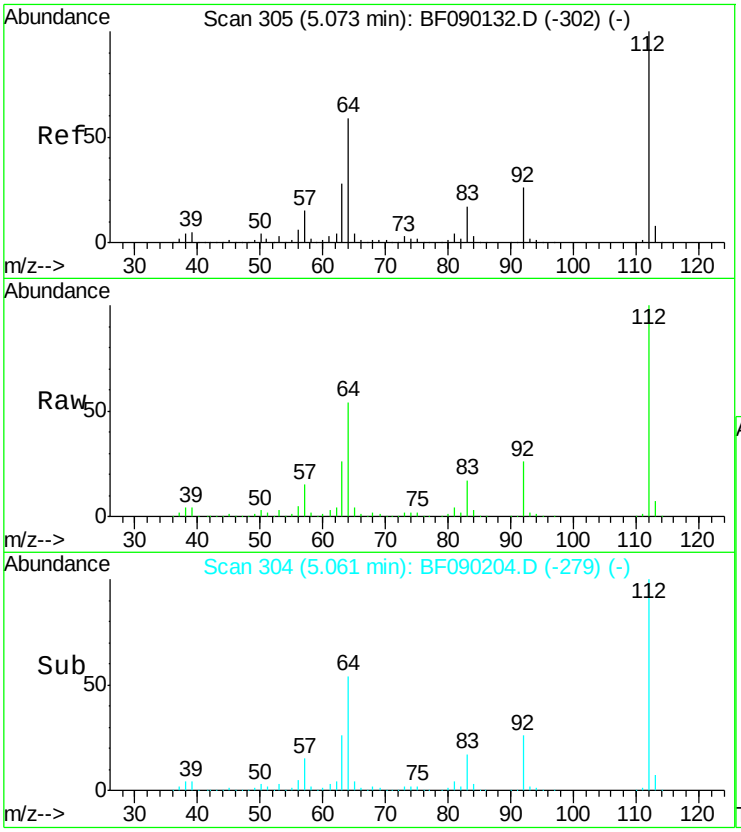


#2
1,4-Dioxane
Concen: 67.98 ng
RT: 1.66 min Scan# 6
Delta R.T. -0.27 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Tgt Ion: 88 Resp: 275542

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



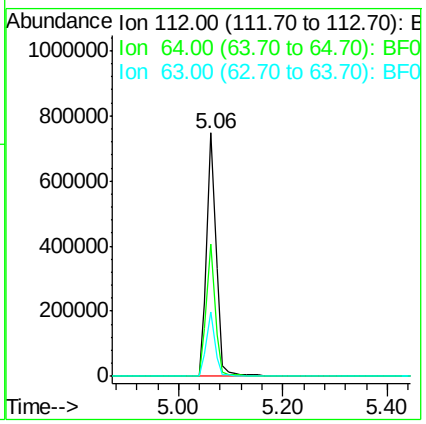


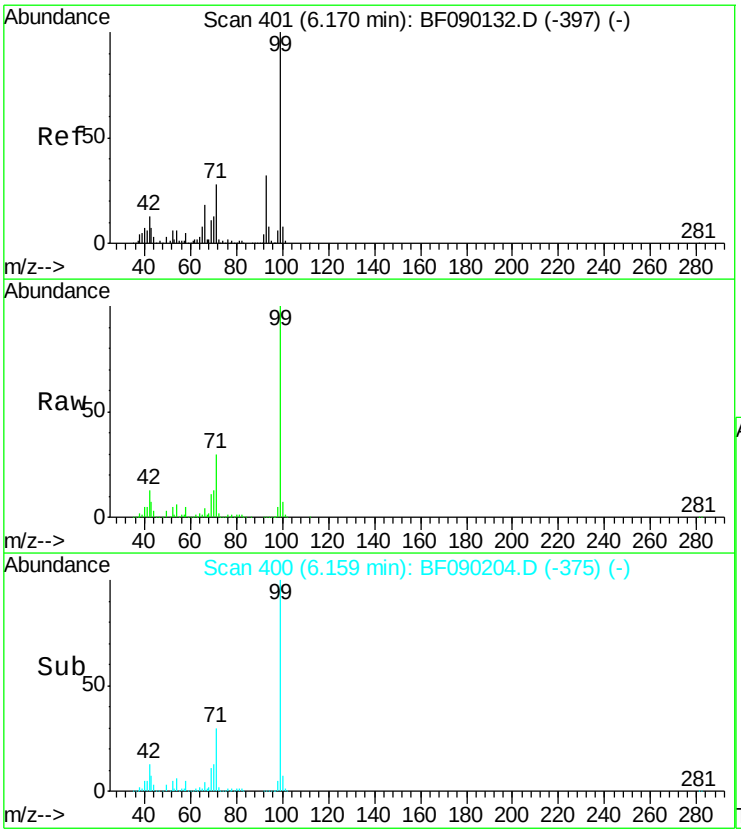
#5
2-Fluorophenol
Concen: 128.53 ng
RT: 5.06 min Scan# 304
Delta R.T. -0.01 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 960270

Ion	Ratio	Lower	Upper
112	100		
64	54.3	39.8	59.6
63	26.5	18.9	28.3

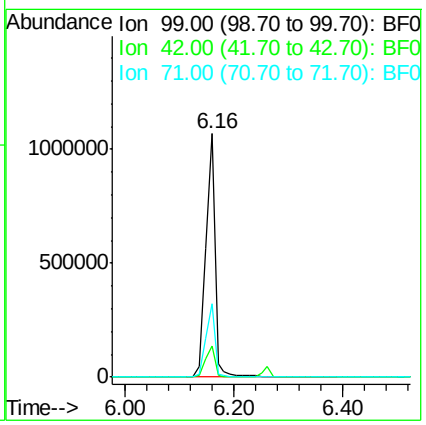


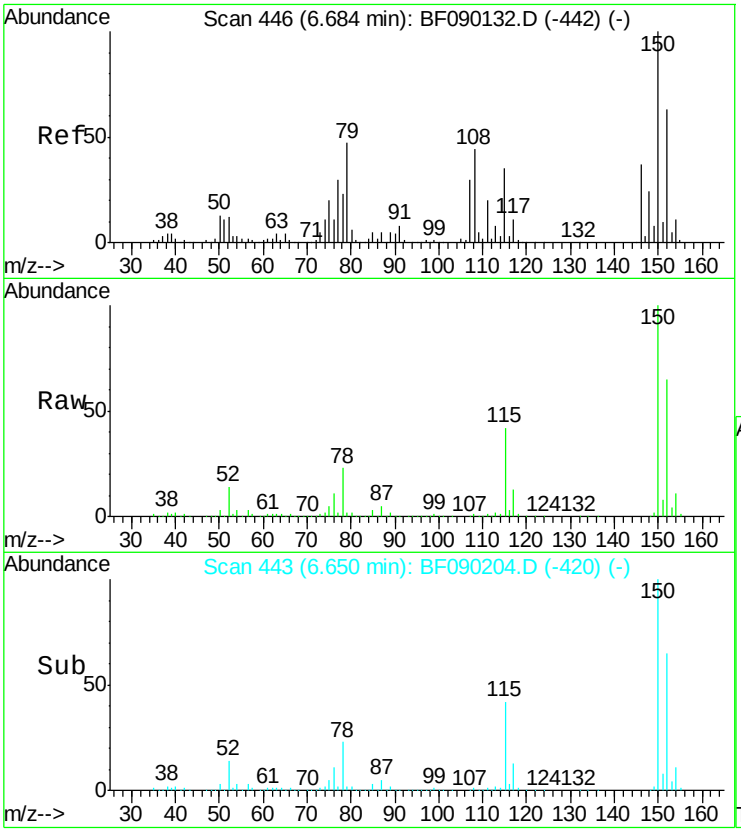


#7
Phenol-d6
Concen: 136.11 ng
RT: 6.16 min Scan# 400
Delta R.T. -0.01 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Tgt Ion: 99 Resp: 1255844

Ion	Ratio	Lower	Upper
99	100		
42	13.0	10.6	15.8
71	30.2	23.0	34.6



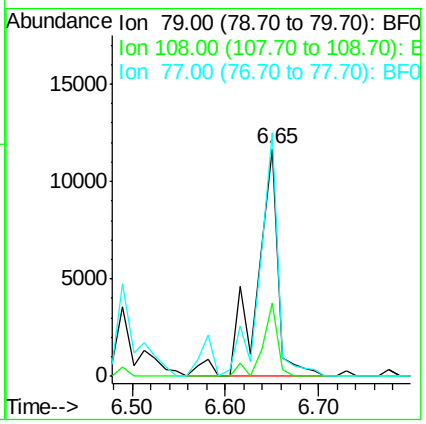


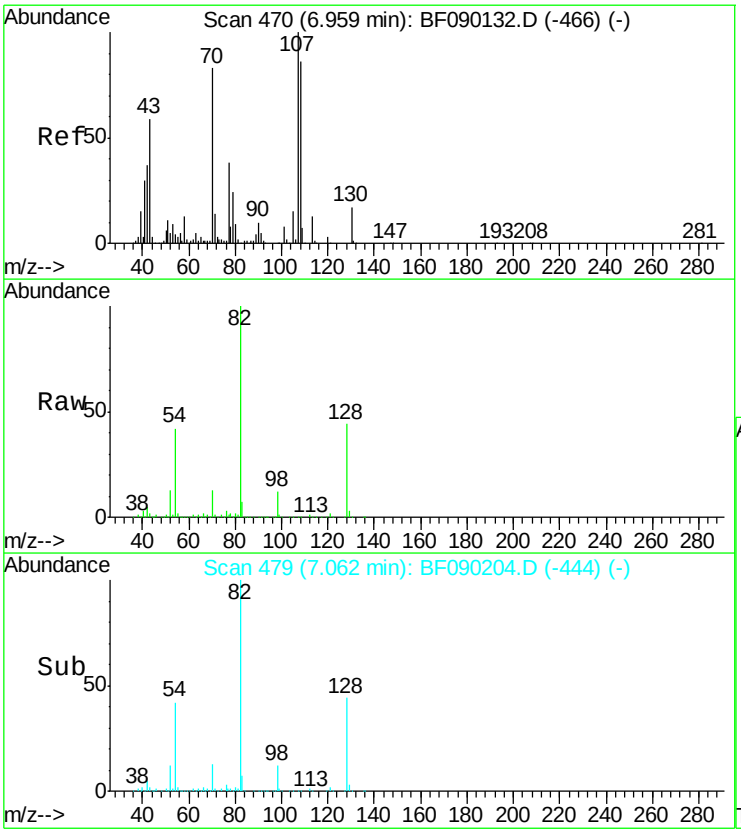
#15
Benzyl Alcohol
Concen: 3.47 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.03 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 19086

Ion	Ratio	Lower	Upper
79	100		
108	32.2	62.2	93.4#
77	107.2	51.4	77.0#

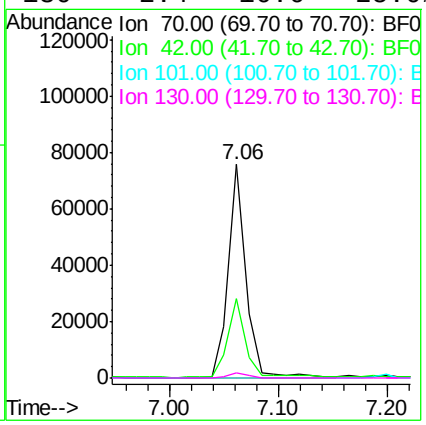


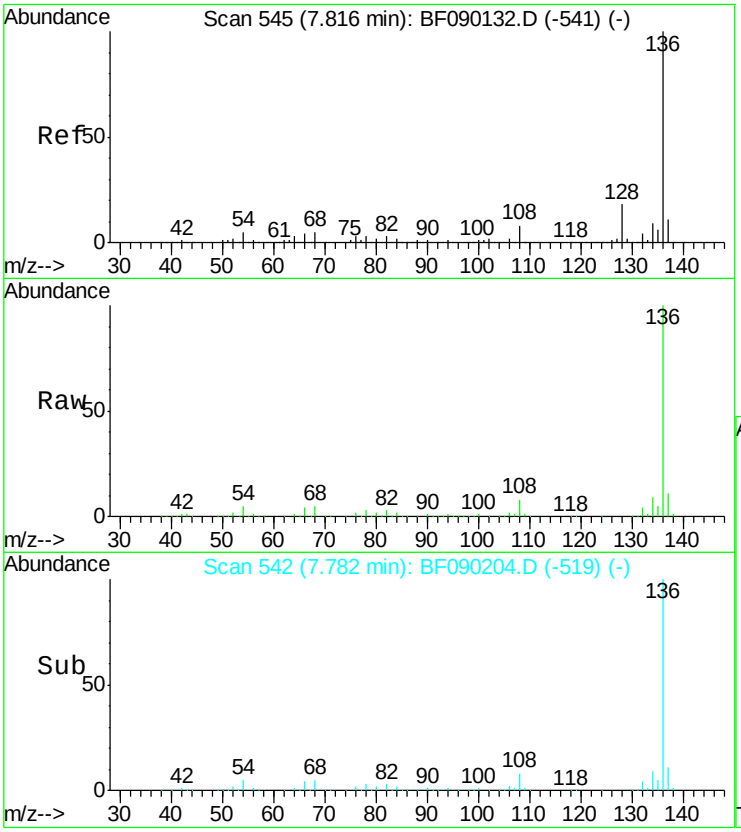


#19
n-Nitroso-di-n-propylamine
Concen: 15.78 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.10 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Tgt Ion: 70 Resp: 85511

Ion	Ratio	Lower	Upper
70	100		
42	36.9	35.1	52.7
101	0.0	7.5	11.3#
130	2.4	16.6	25.0#



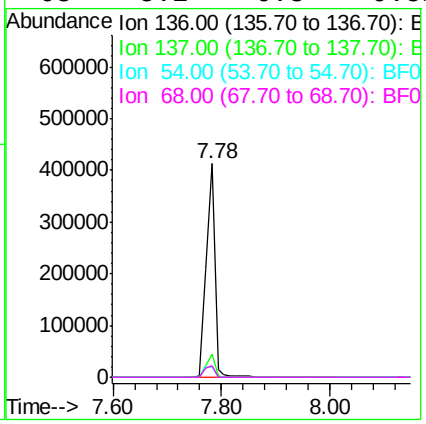


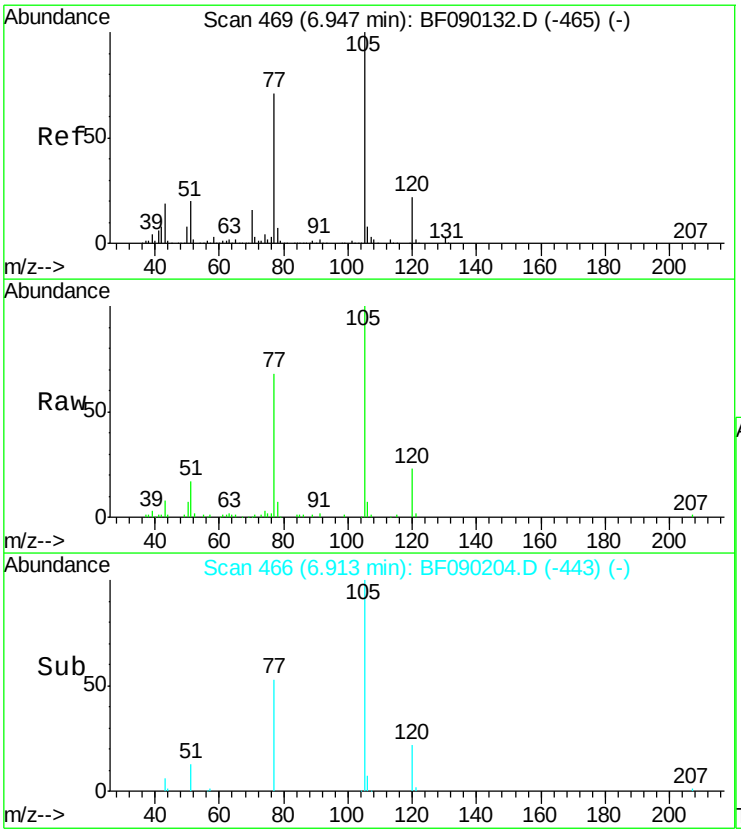
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.03 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 452478

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	4.9	6.4	9.6#
68	5.2	6.3	9.5#

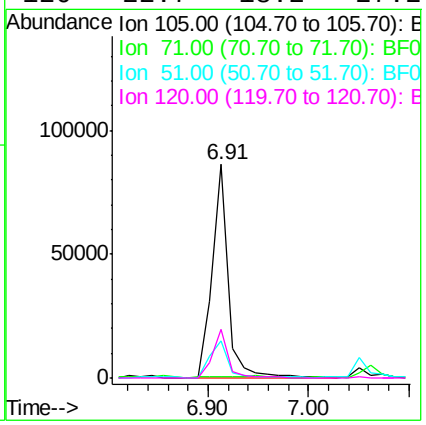


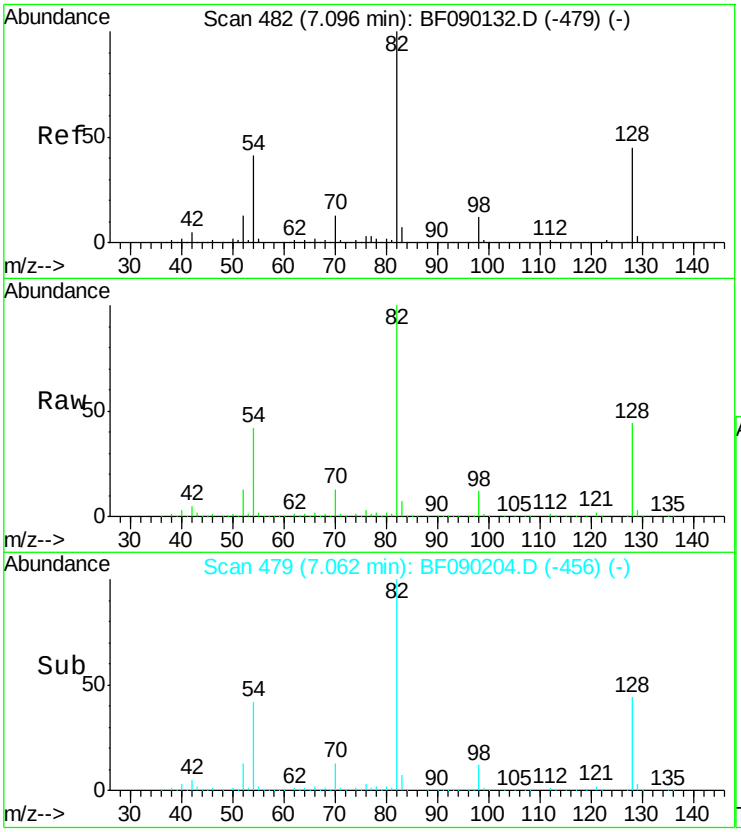


#22
Acetophenone
Concen: 8.80 ng
RT: 6.91 min Scan# 466
Delta R.T. -0.03 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Tgt Ion:105 Resp: 96006

Ion	Ratio	Lower	Upper
105	100		
71	0.7	4.1	6.1#
51	17.4	16.2	24.2
120	22.7	18.2	27.2



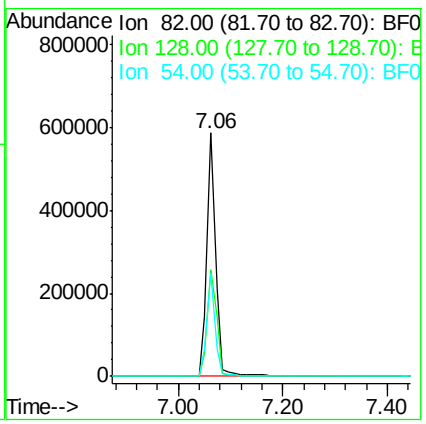


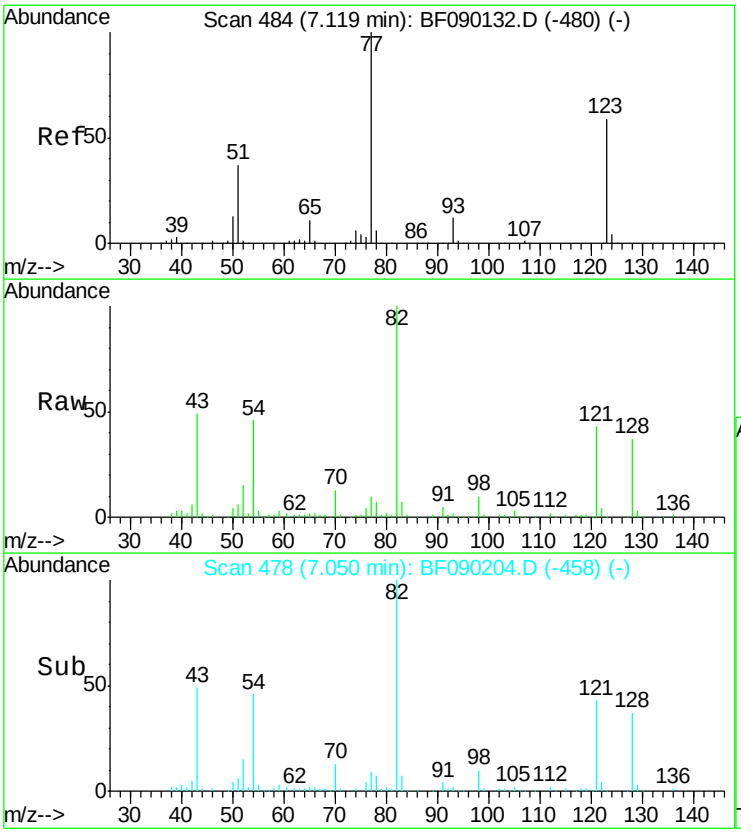
#23
Nitrobenzene-d5
Concen: 88.88 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.03 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 693767

Ion	Ratio	Lower	Upper
82	100		
128	43.6	37.5	56.3
54	42.3	31.9	47.9

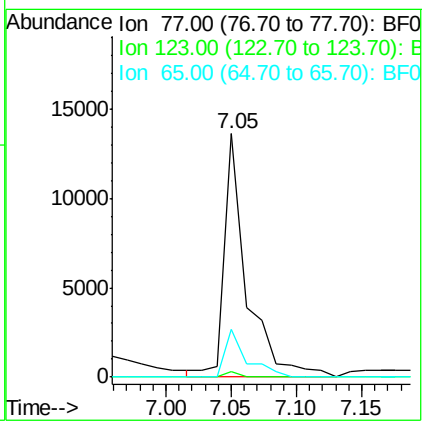


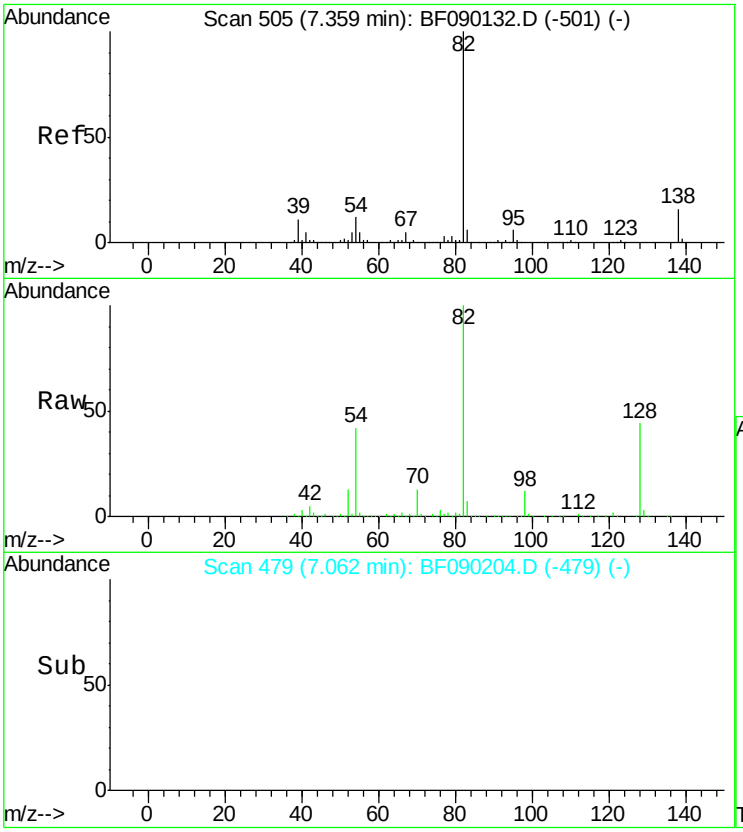


#24
Nitrobenzene
Concen: 2.02 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.07 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Tgt Ion: 77 Resp: 16426

Ion	Ratio	Lower	Upper
77	100		
123	2.3	33.4	50.2#
65	19.5	10.1	15.1#



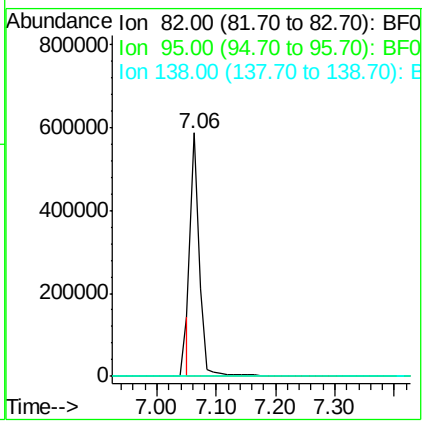


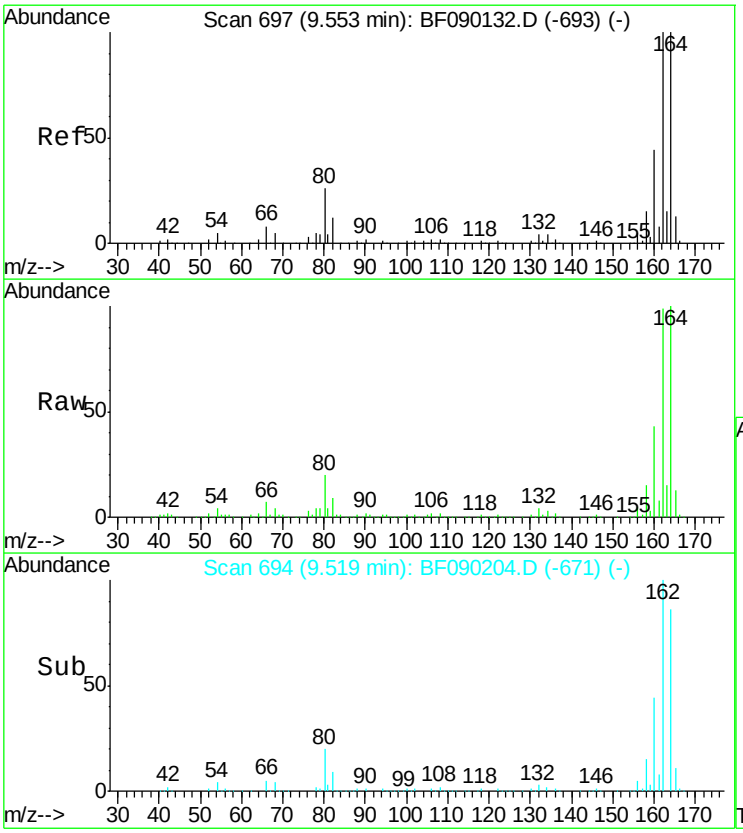
#25
Isophorone
Concen: 35.45 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.30 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 578075

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	13.5	20.3#

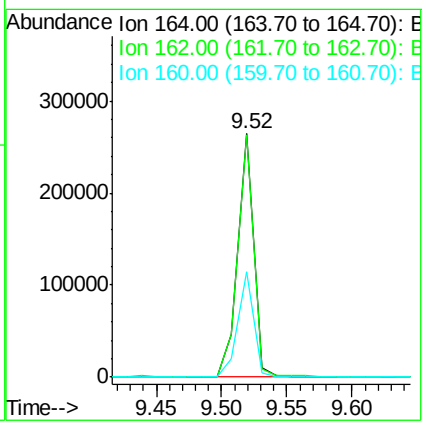


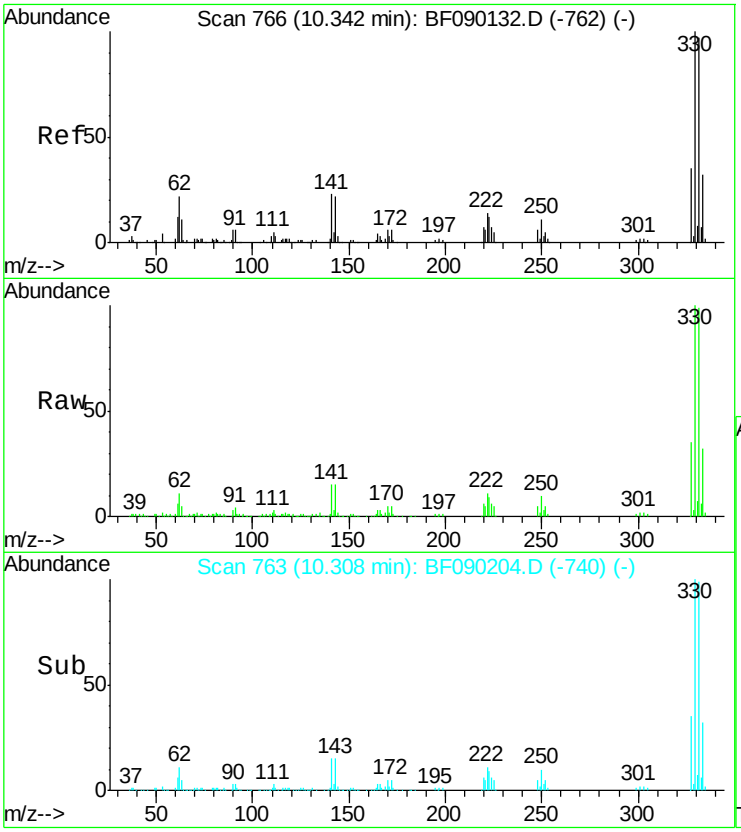


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Tgt Ion:164 Resp: 222498

Ion	Ratio	Lower	Upper
164	100		
162	99.4	81.4	122.2
160	43.3	36.6	54.8



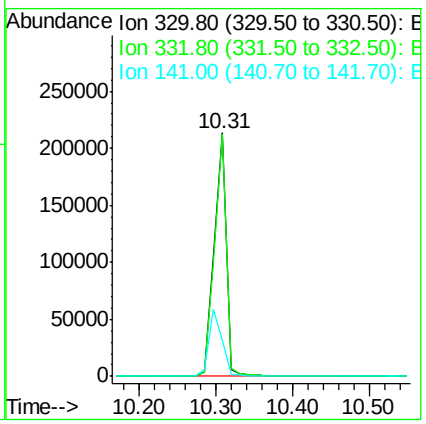


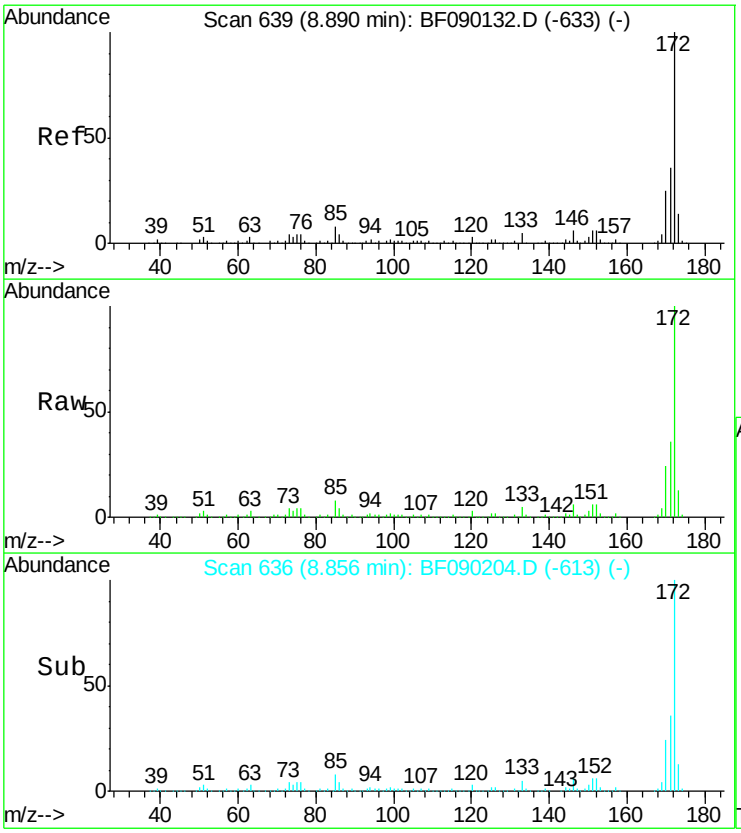
#41
2,4,6-Tribromophenol
Concen: 121.19 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.03 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 231331

Ion	Ratio	Lower	Upper
330	100		
332	98.0	78.1	117.1
141	29.8	23.9	35.9

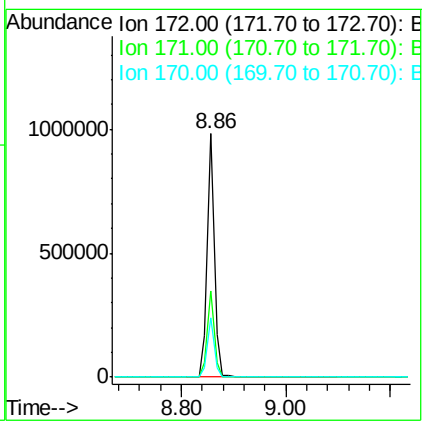


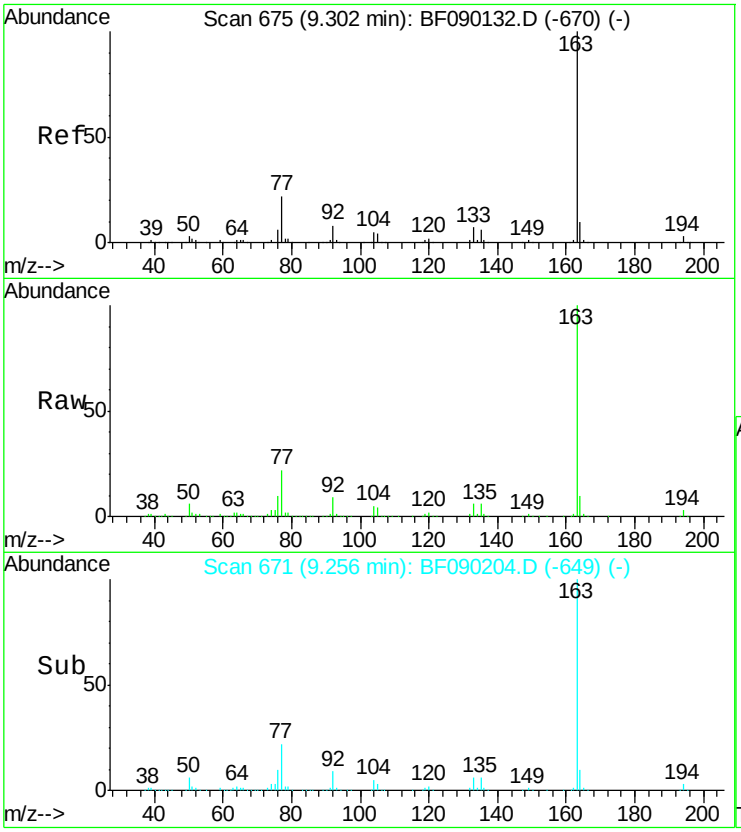


#44
2-Fluorobiphenyl
Concen: 82.06 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.03 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Tgt Ion:172 Resp: 930046

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.2	43.8
170	24.2	19.8	29.8



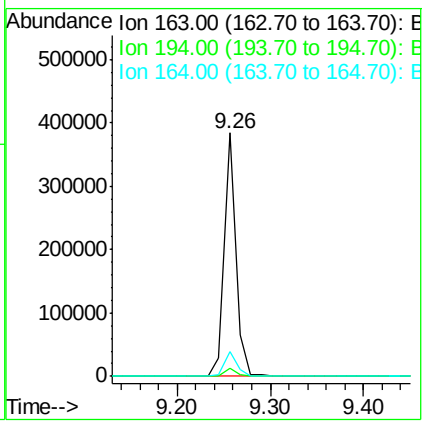


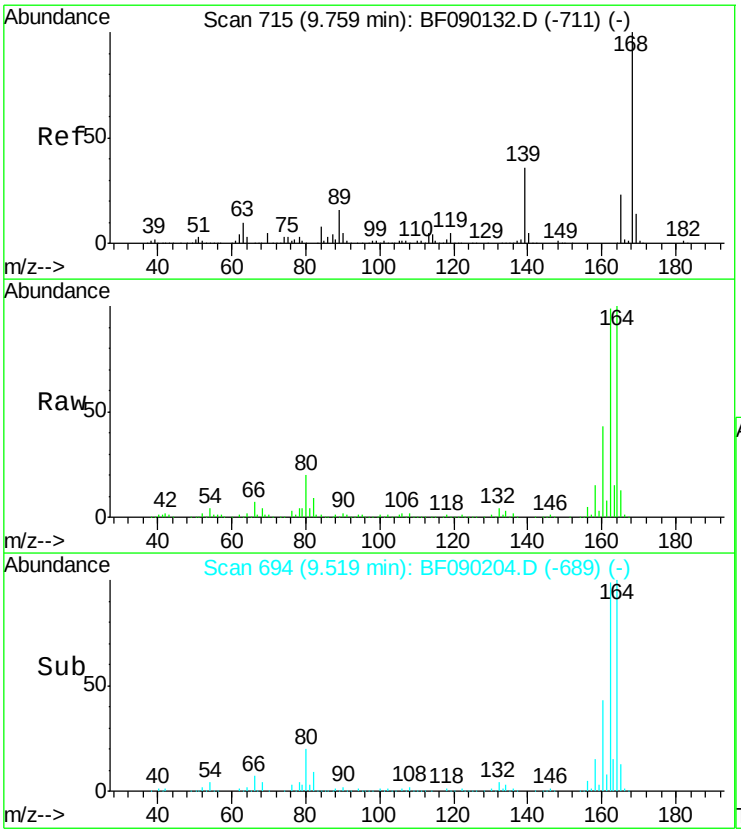
#49
Dimethylphthalate
Concen: 23.64 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.05 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 335046

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.4	8.1	12.1

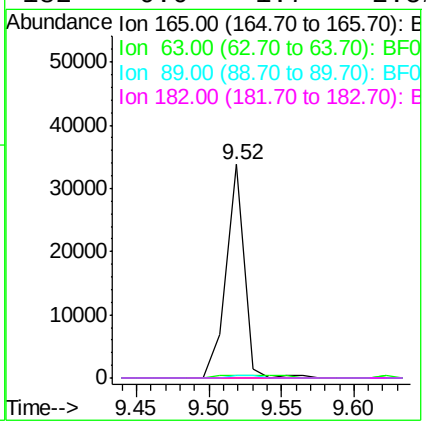


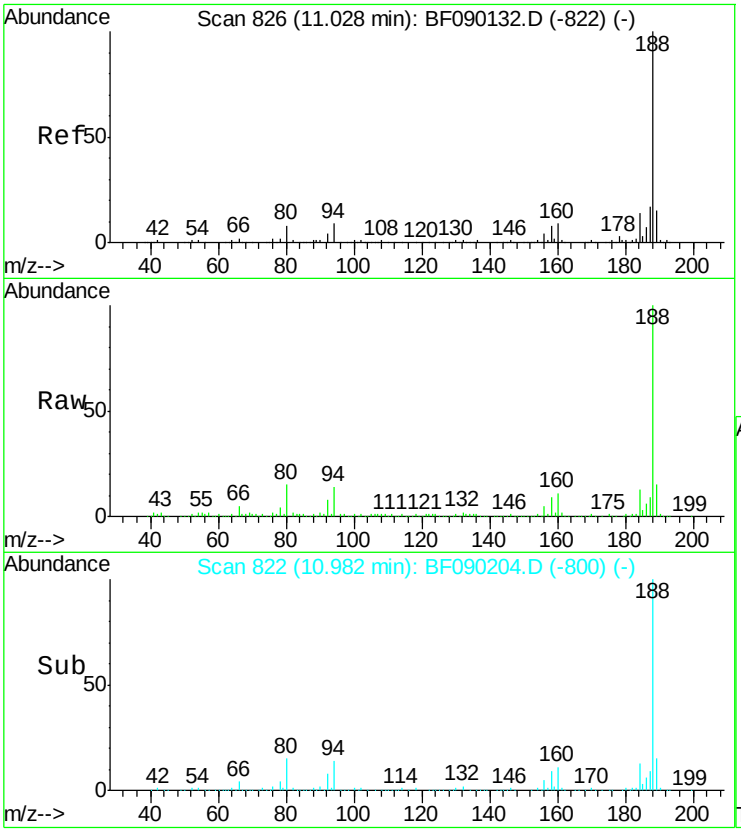


#56
2,4-Dinitrotoluene
Concen: 7.88 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.24 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Tgt Ion:165 Resp: 29432

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.4	66.6#
89	1.0	70.1	105.1#
182	0.0	1.7	2.5#



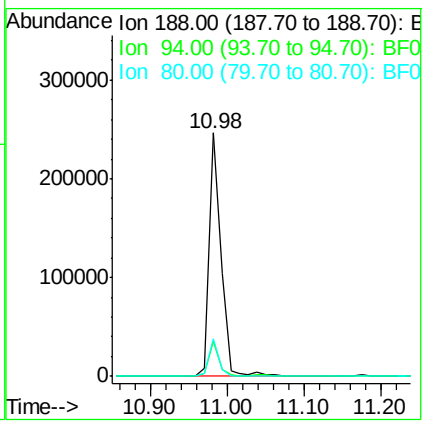


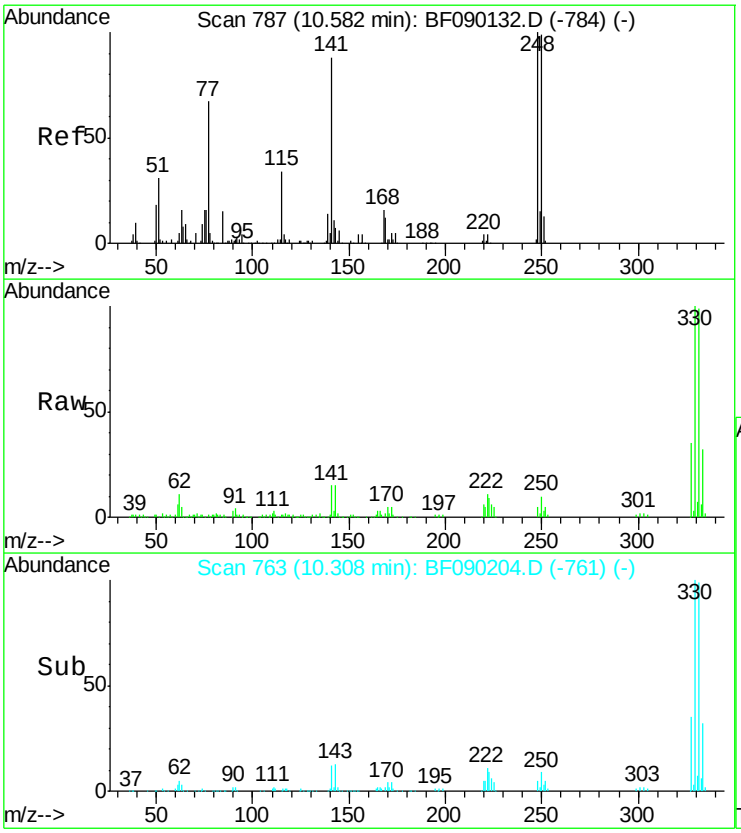
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.05 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 261545

Ion	Ratio	Lower	Upper
188	100		
94	14.2	10.5	15.7
80	15.5	11.2	16.8

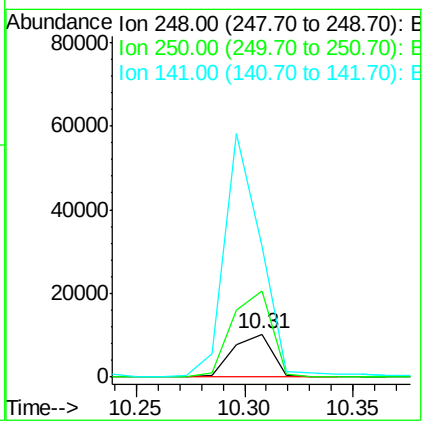


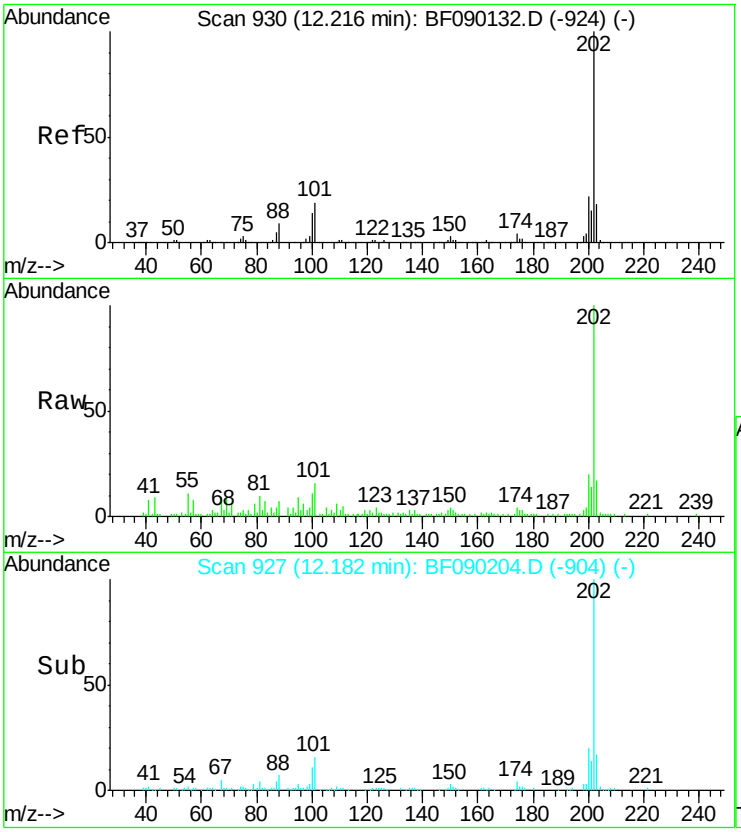


#66
4-Bromophenyl-phenylether
Concen: 5.07 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.27 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Tgt Ion:248 Resp: 13051

Ion	Ratio	Lower	Upper
248	100		
250	200.4	79.4	119.2#
141	304.4	49.3	73.9#



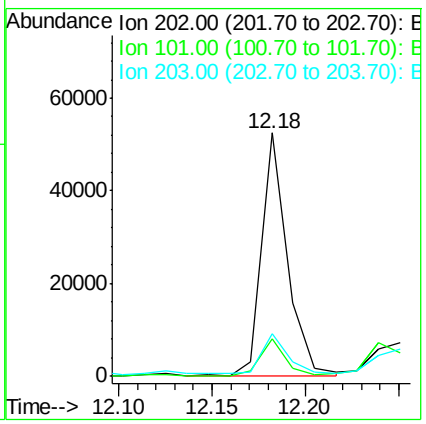


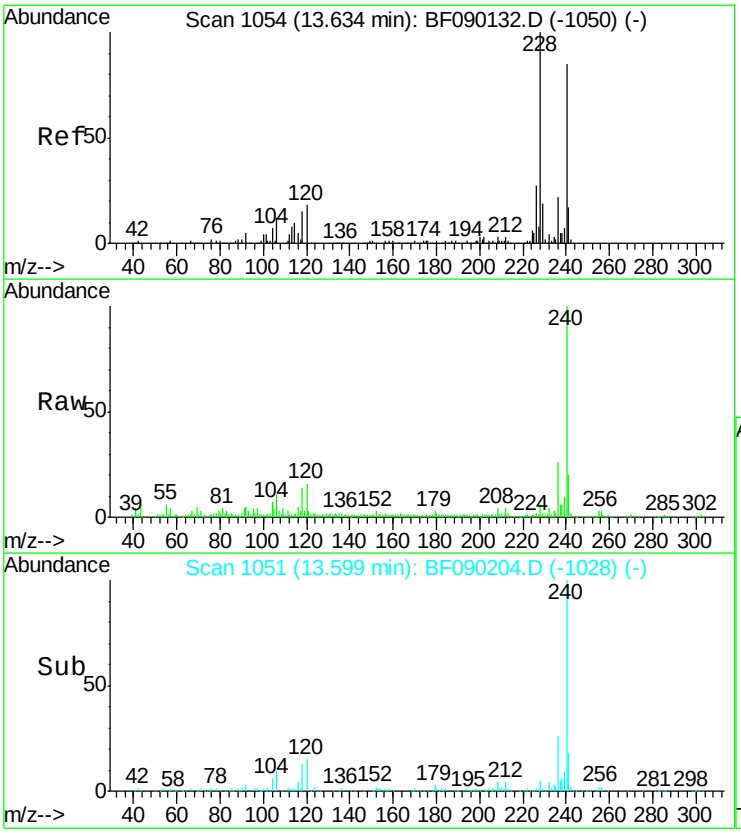
#74
Fluoranthene
Concen: 3.90 ng
RT: 12.18 min Scan# 927
Delta R.T. -0.03 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 51184

Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	36.1
203	17.5	0.0	38.2

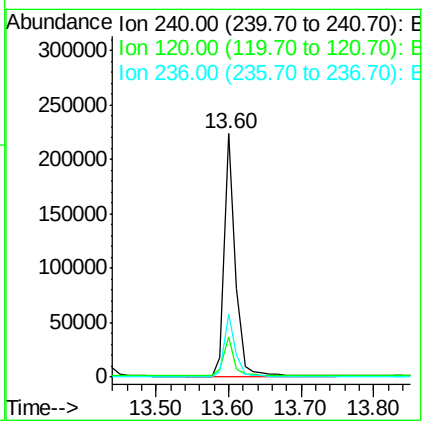


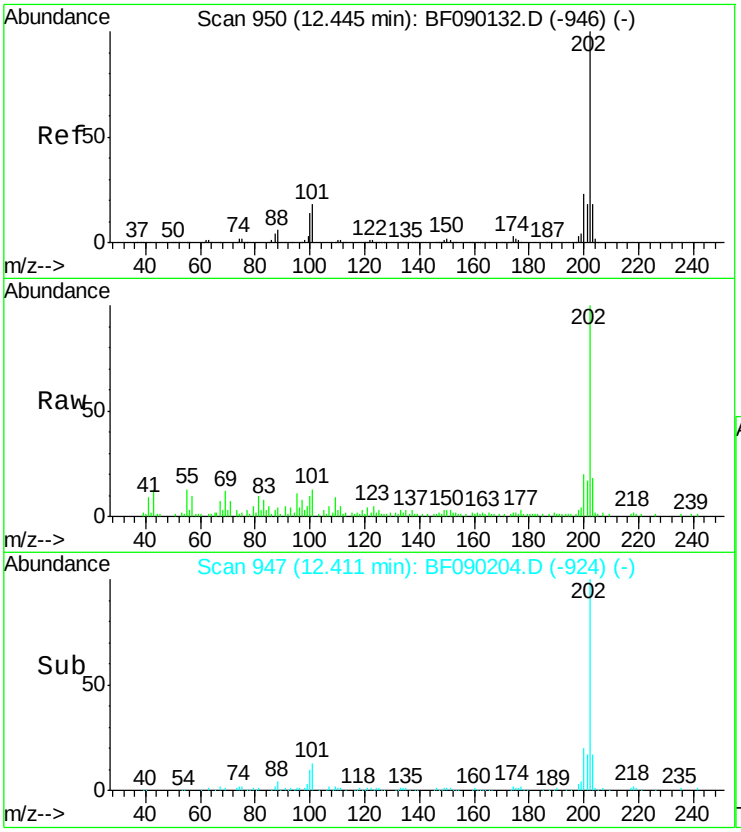


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.03 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Tgt Ion:240 Resp: 237200

Ion	Ratio	Lower	Upper
240	100		
120	16.4	10.6	16.0#
236	25.9	21.6	32.4



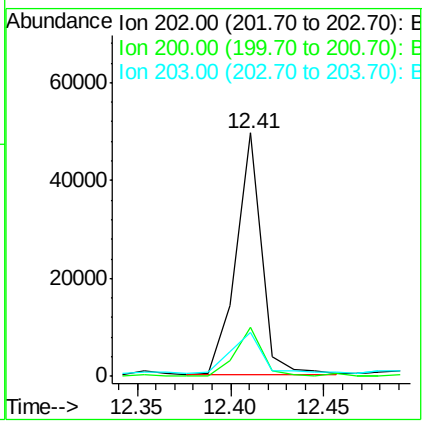


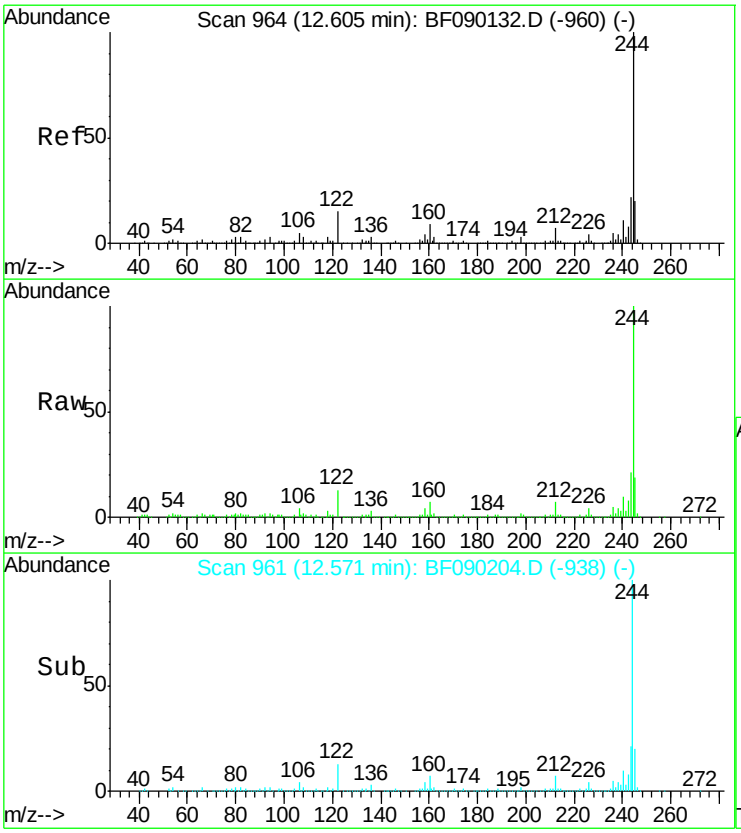
#77
Pyrene
Concen: 2.91 ng
RT: 12.41 min Scan# 947
Delta R.T. -0.03 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 47187

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.9	26.9
203	17.9	14.2	21.4

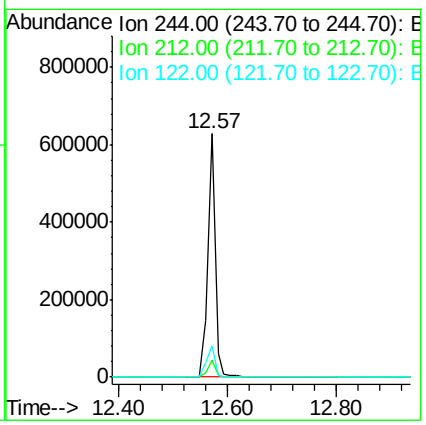


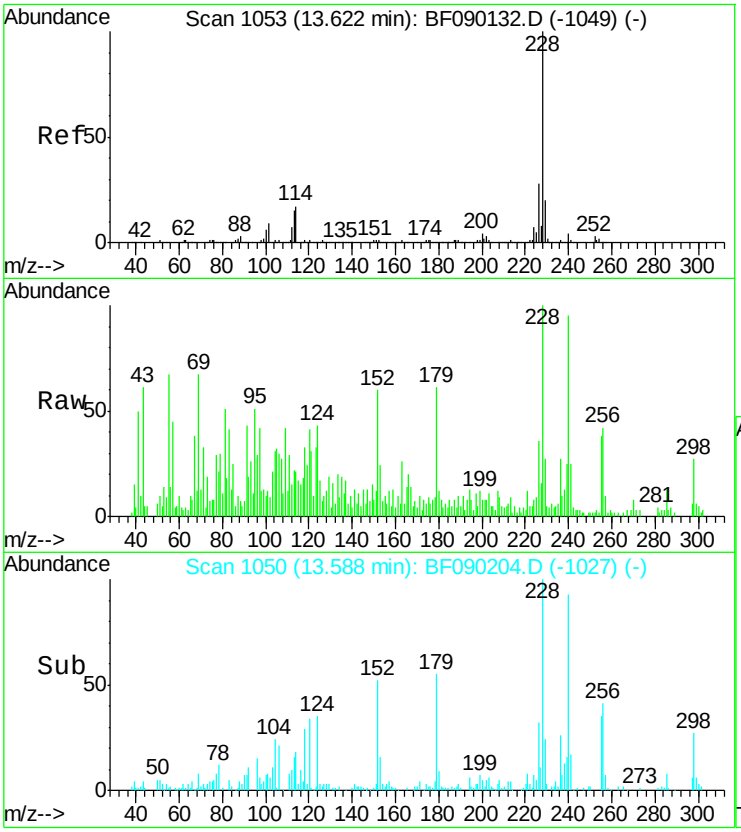


#78
Terphenyl-d14
Concen: 64.01 ng
RT: 12.57 min Scan# 961
Delta R.T. -0.03 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Tgt Ion:244 Resp: 598042

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.9	9.4	14.0



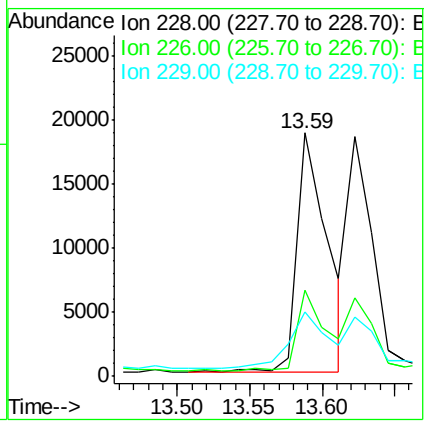


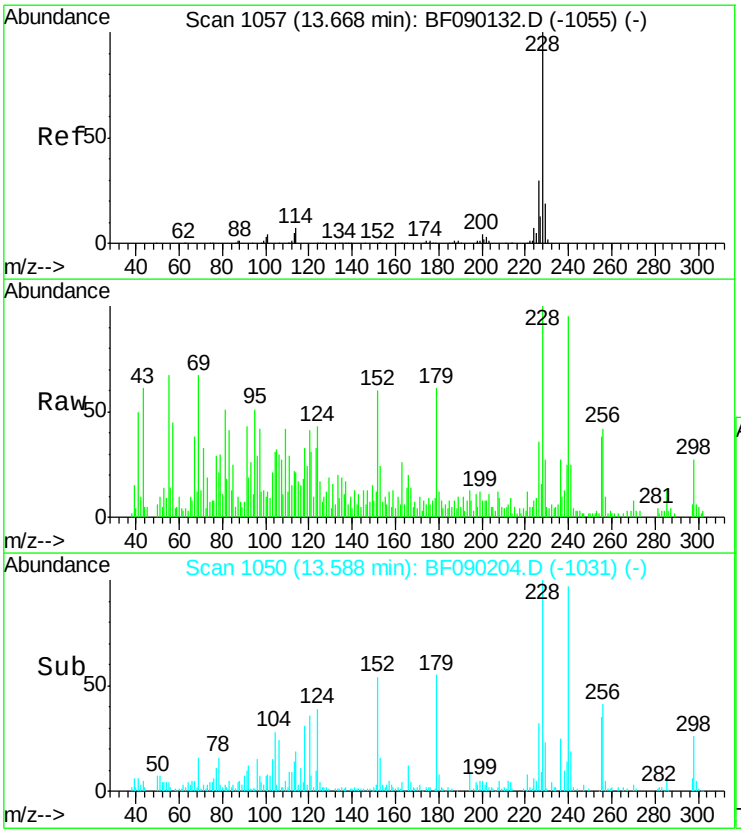
#80
Benzo(a)anthracene
Concen: 2.11 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.03 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 26898

Ion	Ratio	Lower	Upper
228	100		
226	35.6	22.0	33.0#
229	26.5	16.2	24.2#

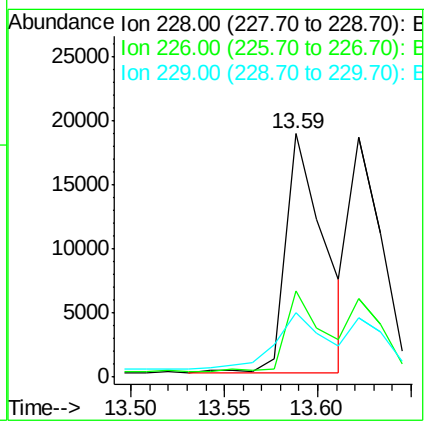


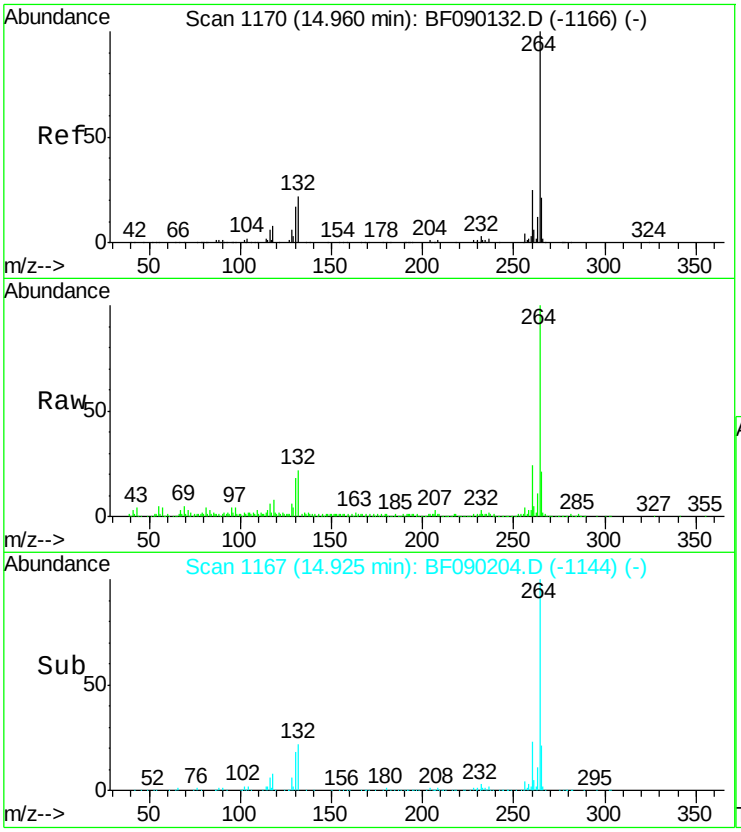


#82
Chrysene
Concen: 2.18 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.08 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Tgt Ion:228 Resp: 27038

Ion	Ratio	Lower	Upper
228	100		
226	35.6	24.6	37.0
229	26.5	16.2	24.4#



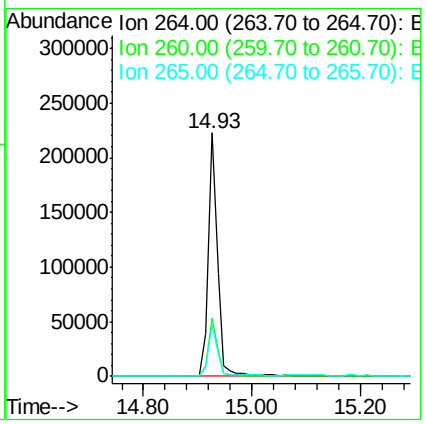


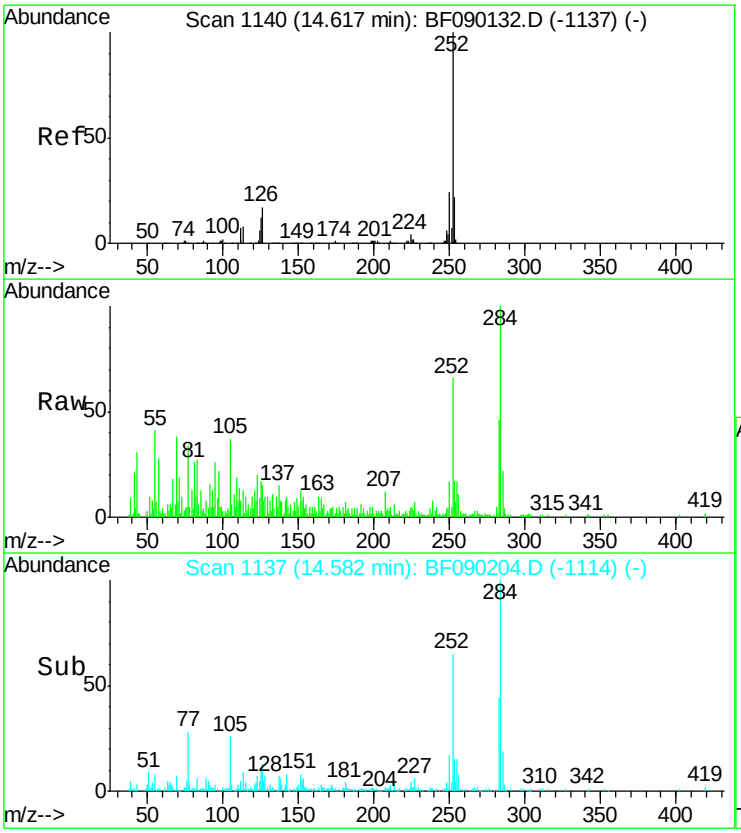
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 268241

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.0	17.0	25.4

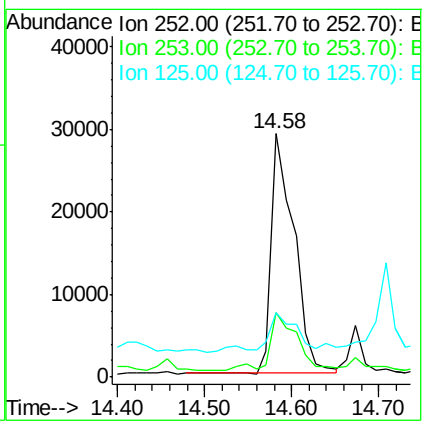


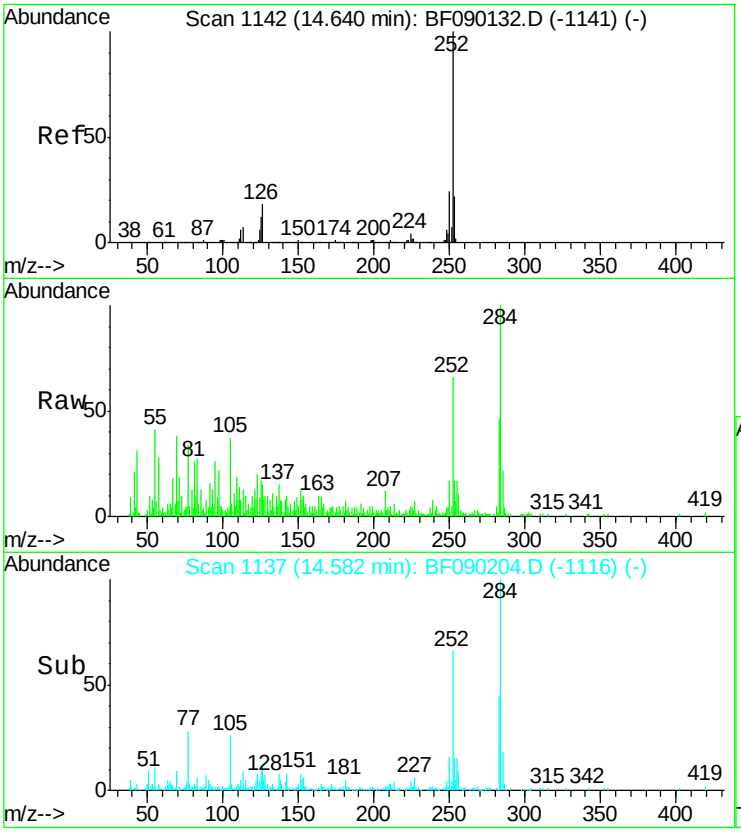


#87
Benzo(b)fluoranthene
Concen: 3.56 ng
RT: 14.58 min Scan# 1137
Delta R.T. -0.03 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Tgt Ion:252 Resp: 52903

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.9	26.9
125	26.2	12.7	19.1#





#88
Benzo(k)fluoranthene
Concen: 3.80 ng
RT: 14.58 min Scan# 1137
Delta R.T. -0.06 min
Lab File: BF090204.D
Acq: 23 Sep 2016 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 52903

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.8	26.8
125	26.2	7.8	11.6#