Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
Data File : BF082205.D
Acq On : 11 Oct 2015 5:40
Operator : UM/IZ
Sample : G3979-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 12 03:05:33 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 02:59:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	85503	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	322176	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	140649	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	230038	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	191546	20.00	ng		-0.01
86) Perylene-d12	15.44	264	194403	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	531002	125.34	ng		0.01
7) Phenol-d6	6.48	99	675114	122.45	ng		0.00
23) Nitrobenzene-d5	7.41	82	387270	80.72	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	145713	110.47	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	671014	79.12	ng		-0.01
78) Terphenyl-d14	12.95	244	472712	65.40	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	51559	13.32	ng	#	80
25) Isophorone	7.41	82	332128	34.30	ng	#	66
49) Dimethylphthalate	9.60	163	239890	24.22	ng		99
56) 2,4-Dinitrotoluene	9.87	165	18001	6.89	ng	#	22
66) 4-Bromophenyl-phenylether	10.67	248	9730	4.23	ng	#	1
70) Phenanthrene	11.39	178	146312	12.98	ng		98
71) Anthracene	11.44	178	24060	2.07	ng		97
74) Fluoranthene	12.58	202	286250	23.64	ng		96
77) Pyrene	12.81	202	238804	21.01	ng		97
80) Benzo(a)anthracene	14.00	228	116147	11.65	ng		96
82) Chrysene	14.04	228	121393	11.56	ng		99
85) Indeno(1,2,3-cd)pyrene	16.85	276	81344	9.75	ng		96
87) Benzo(b)fluoranthene	15.03	252	264590	22.37	ng		99
88) Benzo(k)fluoranthene	15.03	252	264590	26.62	ng	#	98
89) Benzo(a)pyrene	15.38	252	118687	11.68	ng		98
91) Benzo(g,h,i)perylene	17.27	276	75705	9.36	ng		97

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

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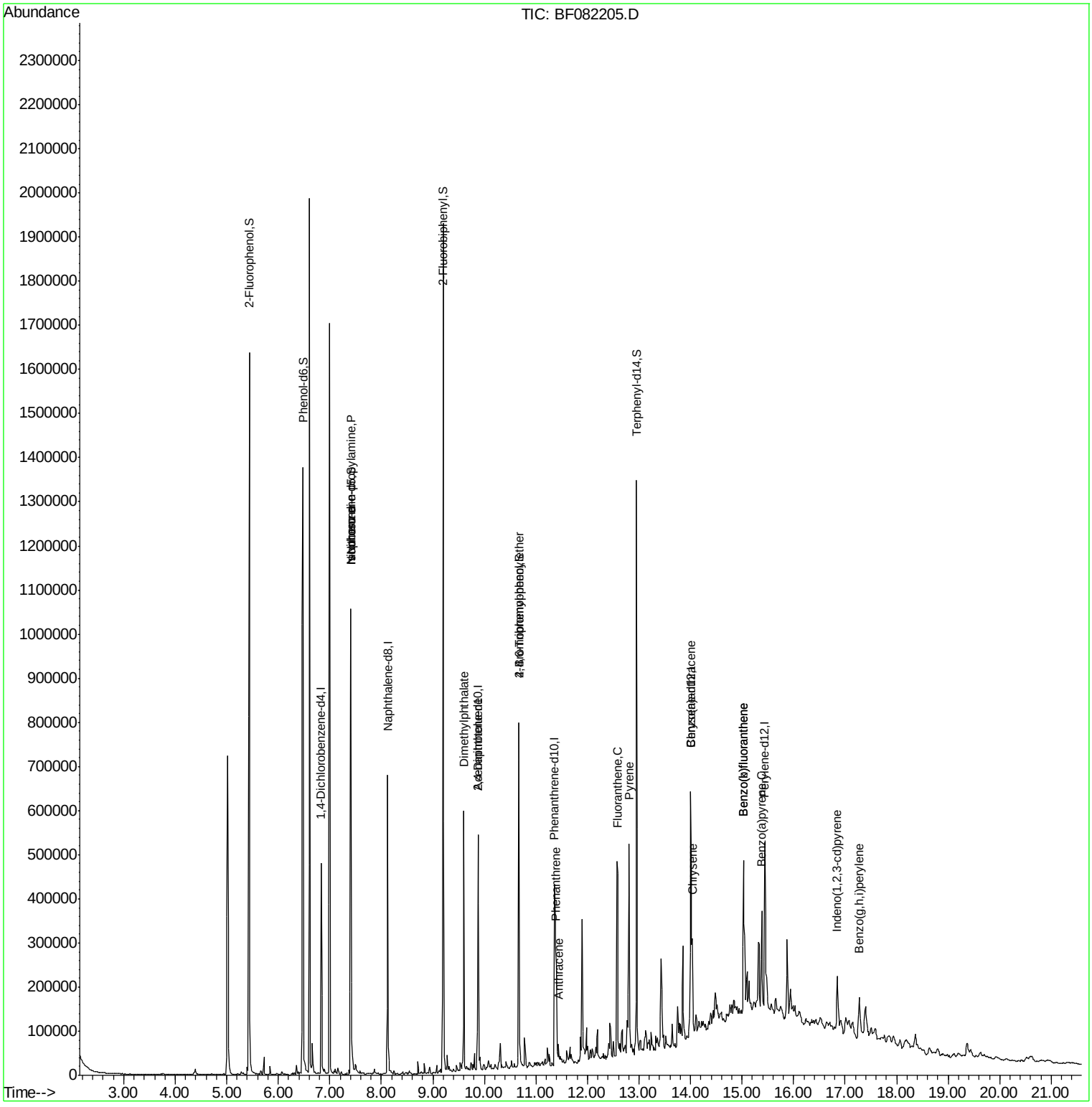
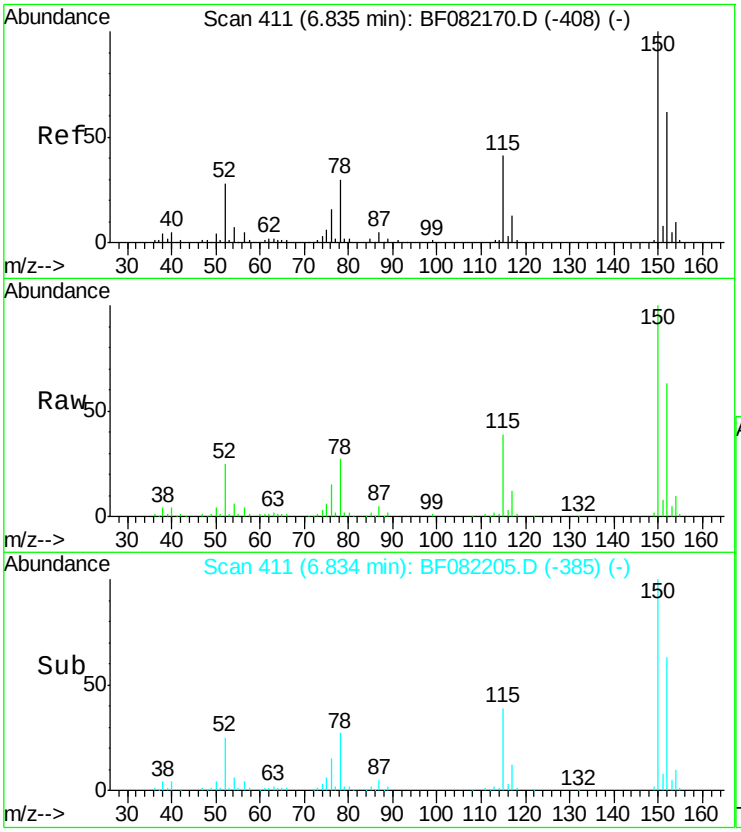


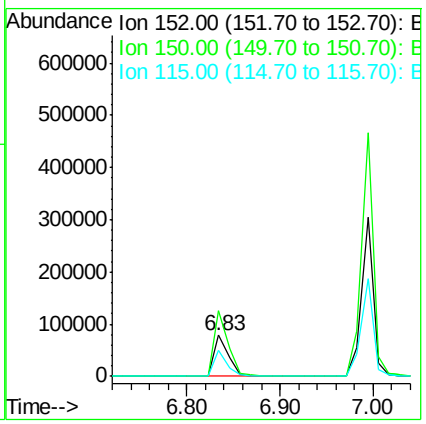


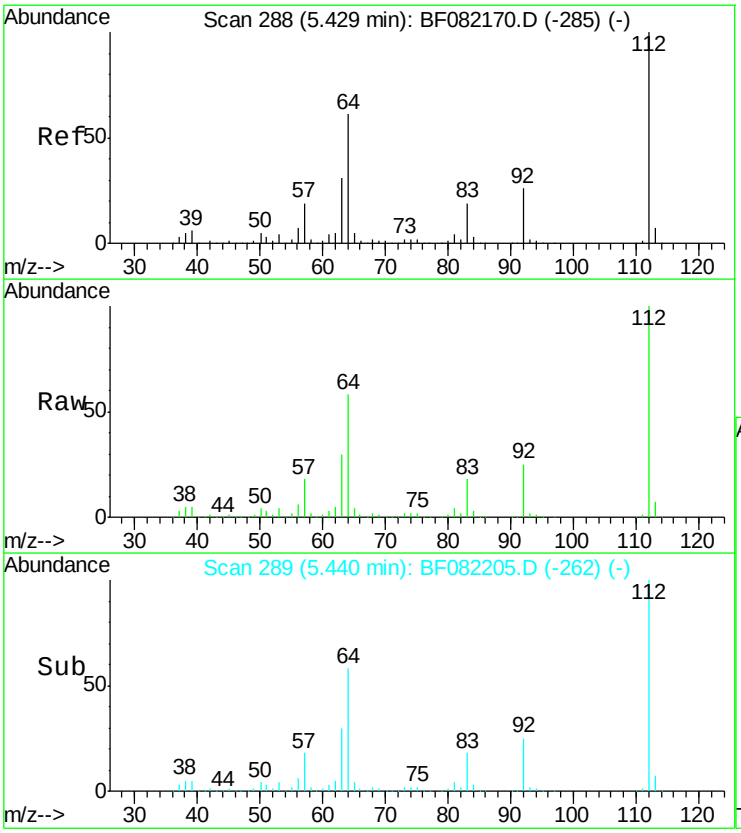
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF082205.D
Acq: 11 Oct 2015 5:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 85503

Ion	Ratio	Lower	Upper
152	100		
150	157.9	129.0	193.4
115	62.3	52.1	78.1

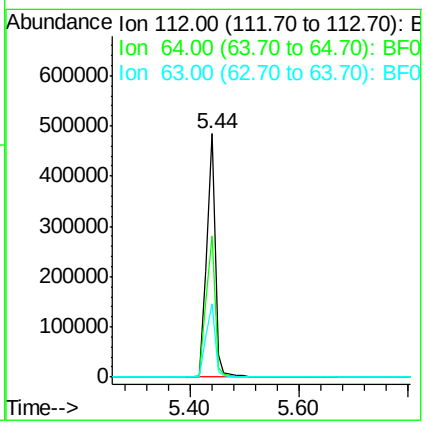


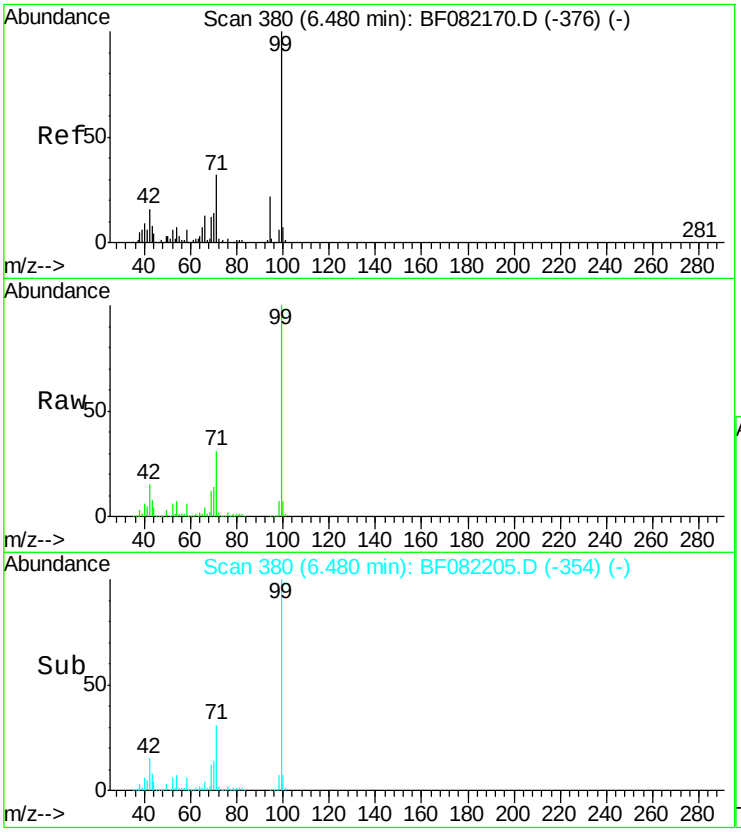


#5
2-Fluorophenol
Concen: 125.34 ng
RT: 5.44 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF082205.D
Acq: 11 Oct 2015 5:40

Tgt Ion:112 Resp: 531002

Ion	Ratio	Lower	Upper
112	100		
64	57.7	48.6	73.0
63	30.3	25.1	37.7



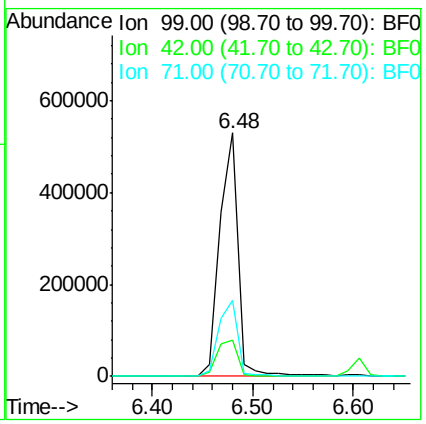


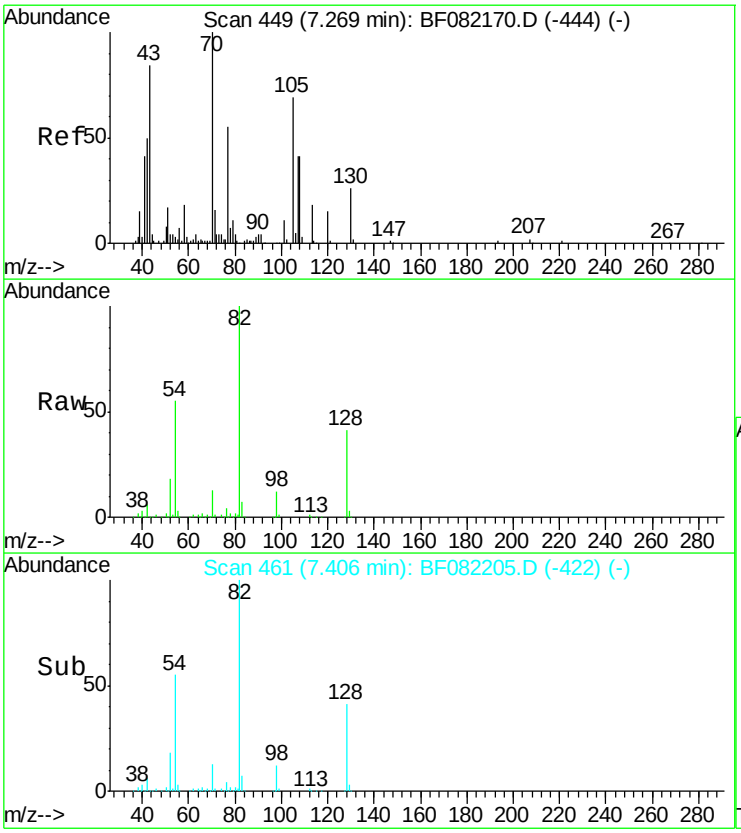
#7
Phenol-d6
Concen: 122.45 ng
RT: 6.48 min Scan# 380
Delta R.T. 0.00 min
Lab File: BF082205.D
Acq: 11 Oct 2015 5:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 675114

Ion	Ratio	Lower	Upper
99	100		
42	15.0	13.2	19.8
71	31.0	25.6	38.4

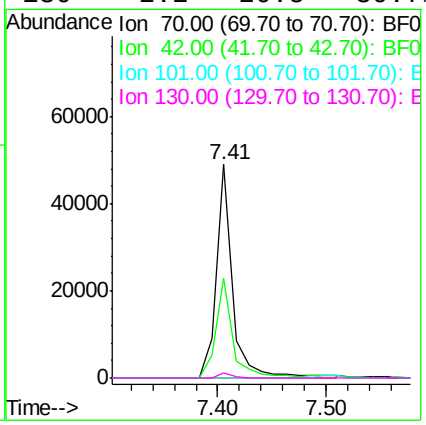


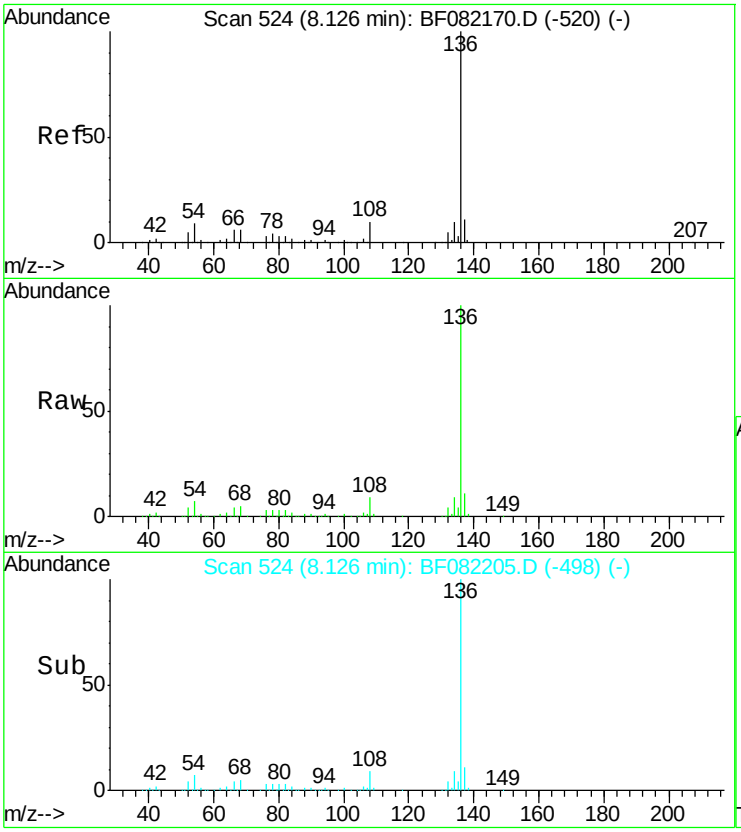


#19
n-Nitroso-di-n-propylamine
Concen: 13.32 ng
RT: 7.41 min Scan# 461
Delta R.T. 0.15 min
Lab File: BF082205.D
Acq: 11 Oct 2015 5:40

Tgt Ion: 70 Resp: 51559

Ion	Ratio	Lower	Upper
70	100		
42	47.0	39.8	59.8
101	0.0	8.6	13.0#
130	2.2	20.5	30.7#



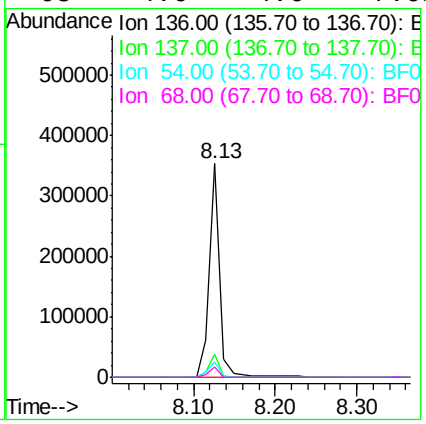


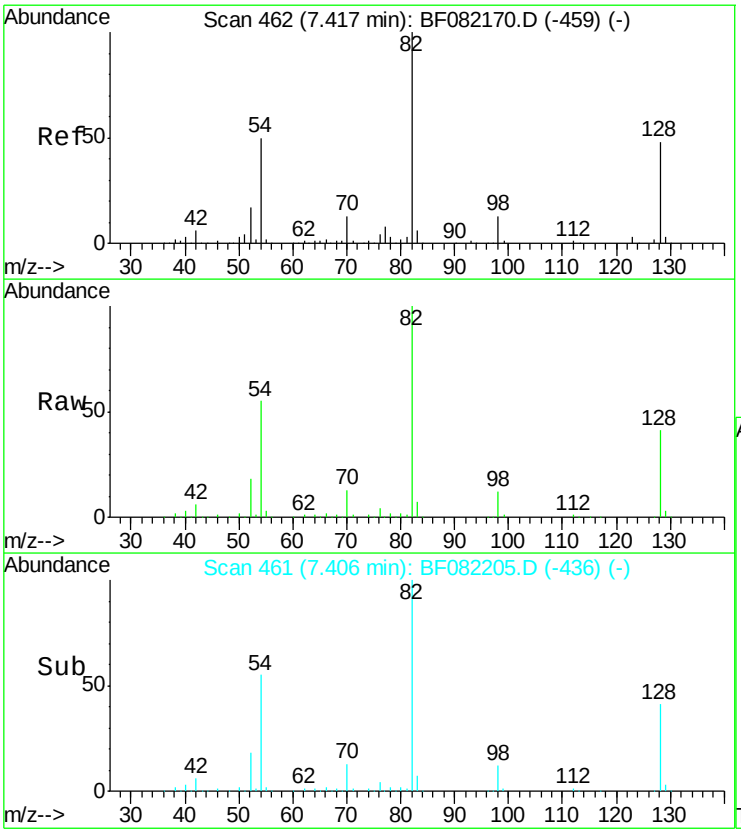
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF082205.D
Acq: 11 Oct 2015 5:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 322176

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	7.2	7.5	11.3#
68	4.6	4.6	7.0#

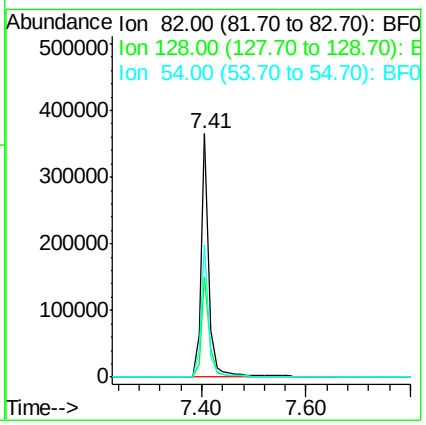


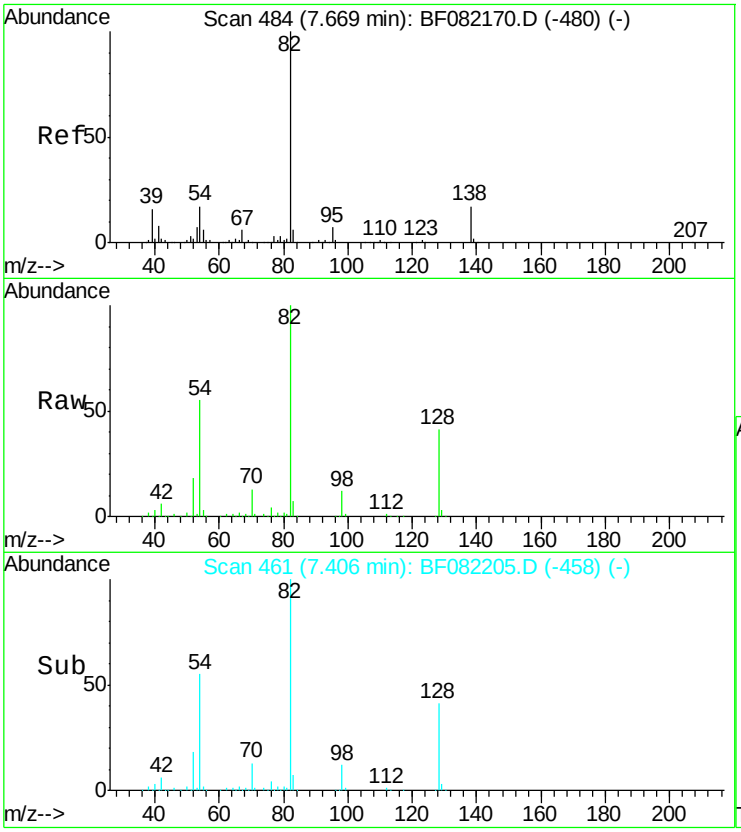


#23
Nitrobenzene-d5
Concen: 80.72 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF082205.D
Acq: 11 Oct 2015 5:40

Tgt Ion: 82 Resp: 387270

Ion	Ratio	Lower	Upper
82	100		
128	41.4	38.7	58.1
54	54.5	40.1	60.1



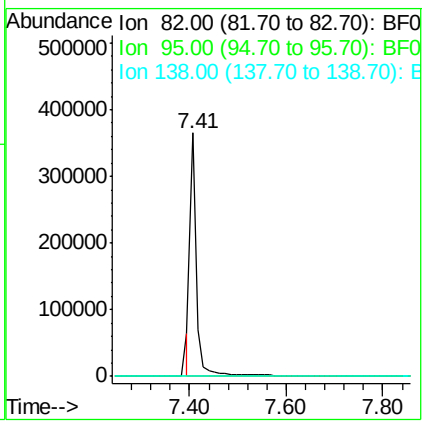


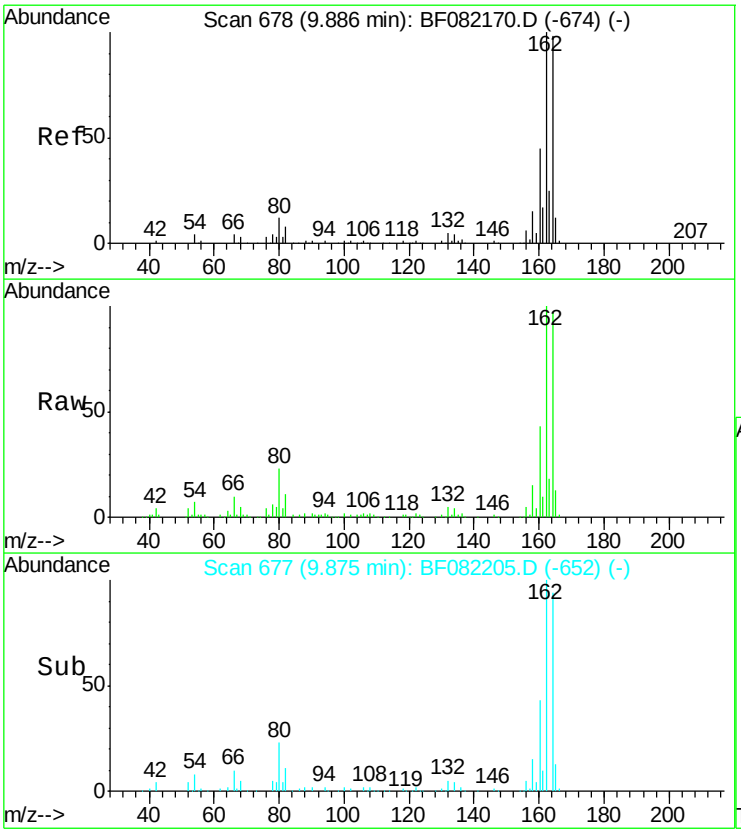
#25
Isophorone
Concen: 34.30 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.26 min
Lab File: BF082205.D
Acq: 11 Oct 2015 5:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 332128

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	13.6	20.4#

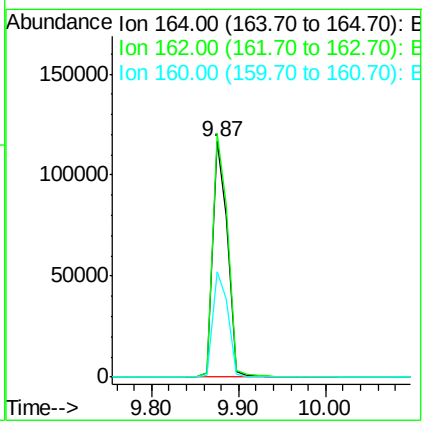


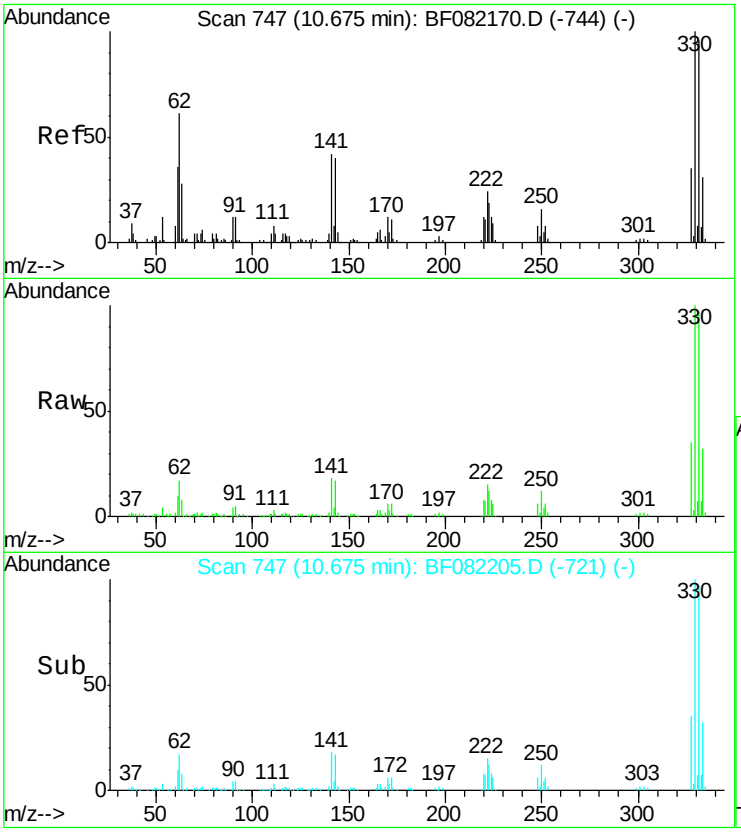


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF082205.D
Acq: 11 Oct 2015 5:40

Tgt Ion:164 Resp: 140649

Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.6	122.4
160	44.6	36.4	54.6



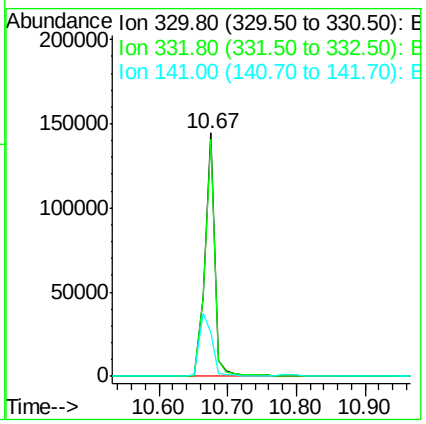


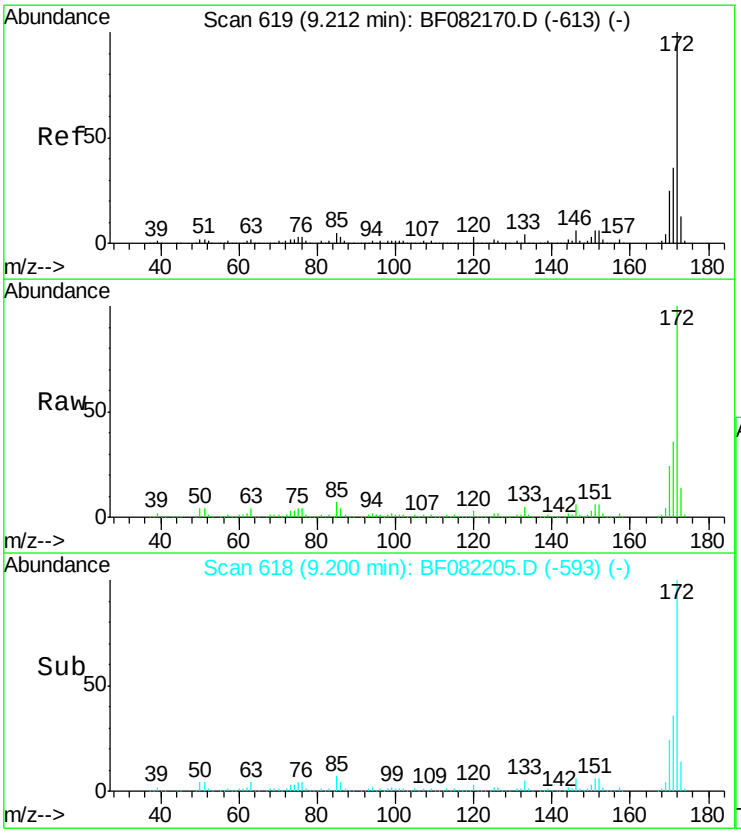
#41
2,4,6-Tribromophenol
Concen: 110.47 ng
RT: 10.67 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF082205.D
Acq: 11 Oct 2015 5:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 145713

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.1	115.7
141	33.3	29.8	44.8

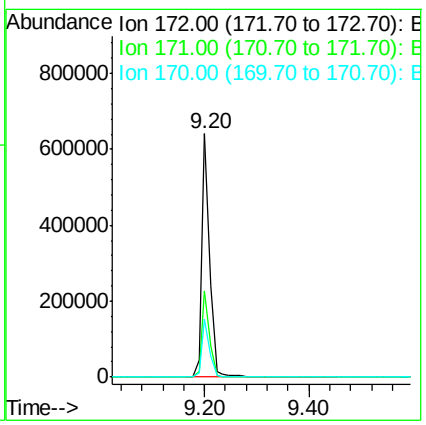


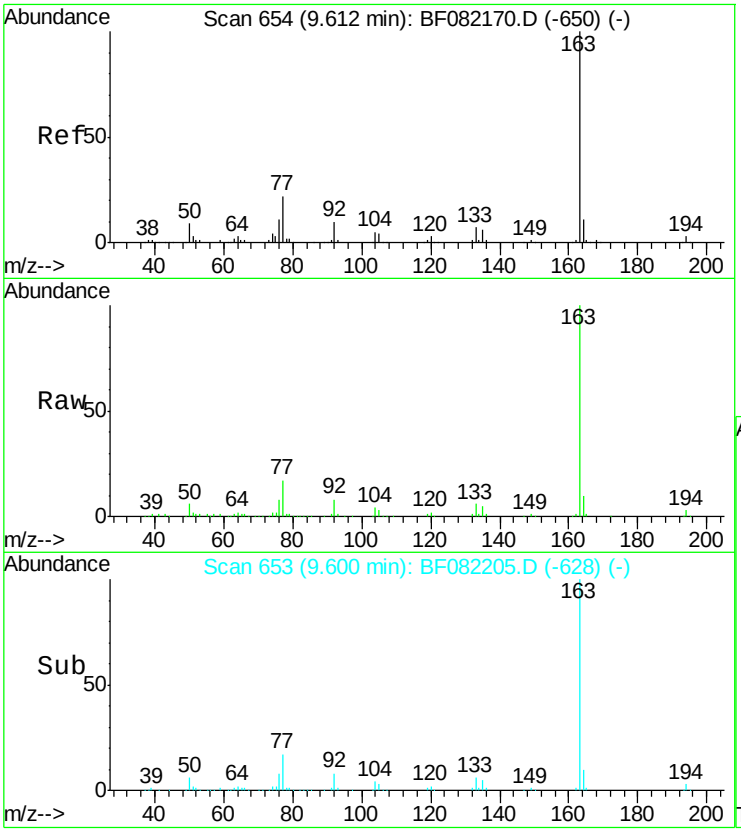


#44
2-Fluorobiphenyl
Concen: 79.12 ng
RT: 9.20 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF082205.D
Acq: 11 Oct 2015 5:40

Tgt Ion:172 Resp: 671014

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	42.8
170	23.8	19.7	29.5



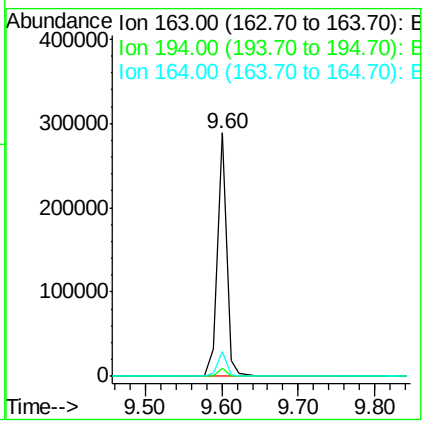


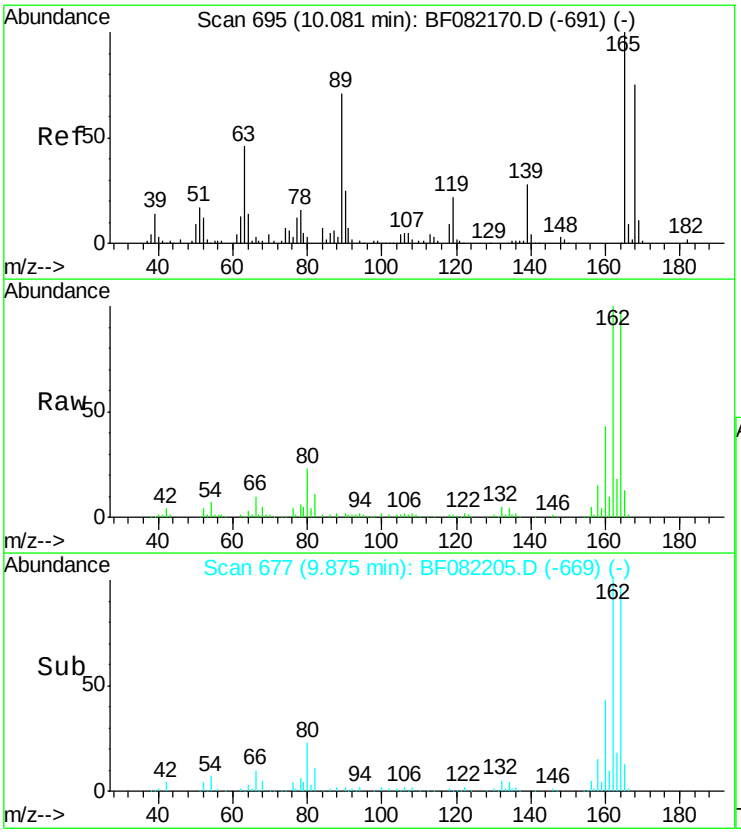
#49
Dimethylphthalate
Concen: 24.22 ng
RT: 9.60 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF082205.D
Acq: 11 Oct 2015 5:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 239890

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.1	8.5	12.7

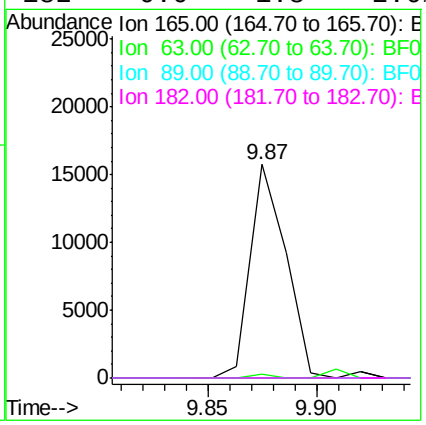


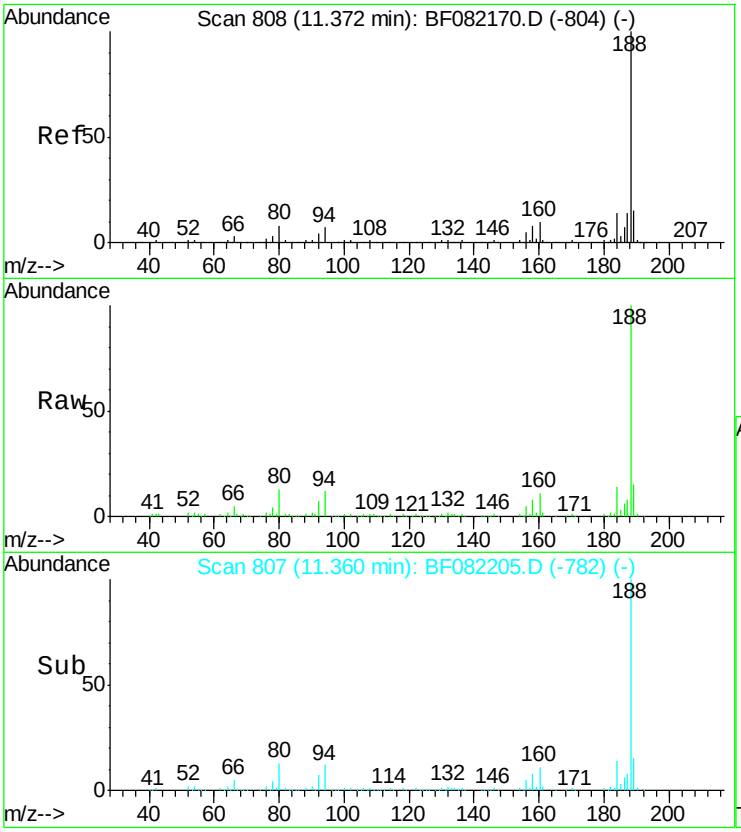


#56
2,4-Dinitrotoluene
Concen: 6.89 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.21 min
Lab File: BF082205.D
Acq: 11 Oct 2015 5:40

Tgt Ion:165 Resp: 18001

Ion	Ratio	Lower	Upper
165	100		
63	2.0	38.6	58.0#
89	0.0	57.0	85.6#
182	0.0	1.8	2.6#



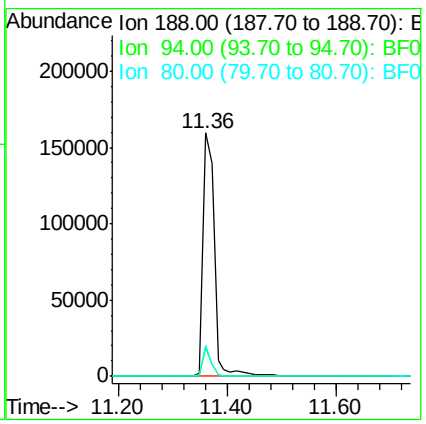


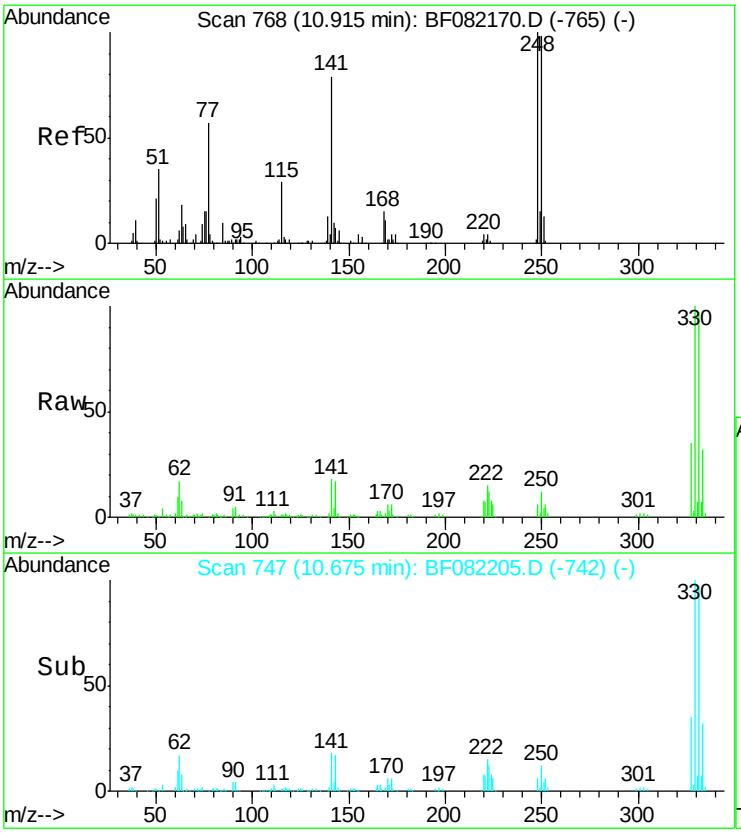
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF082205.D
Acq: 11 Oct 2015 5:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 230038

Ion	Ratio	Lower	Upper
188	100		
94	11.6	5.8	8.6#
80	12.9	6.4	9.6#

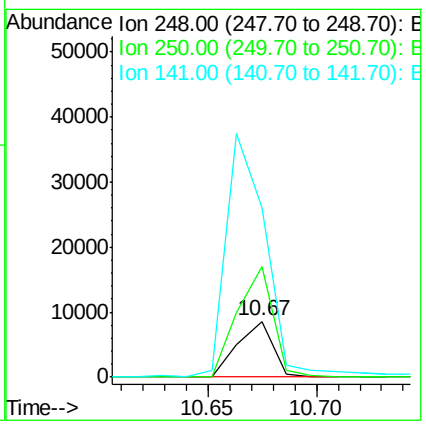


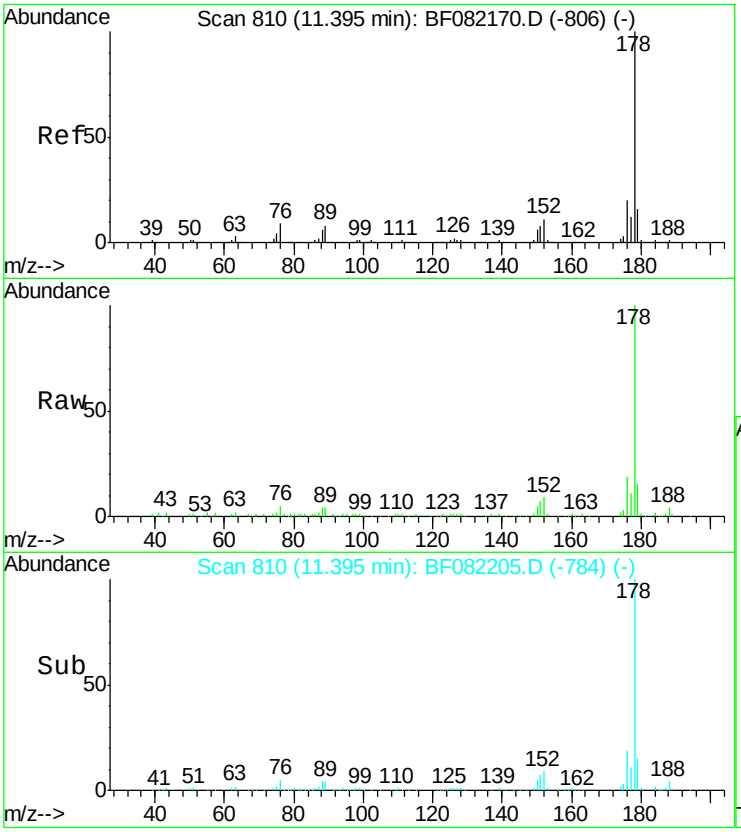


#66
4-Bromophenyl-phenylether
Concen: 4.23 ng
RT: 10.67 min Scan# 747
Delta R.T. -0.24 min
Lab File: BF082205.D
Acq: 11 Oct 2015 5:40

Tgt Ion:248 Resp: 9730

Ion	Ratio	Lower	Upper
248	100		
250	197.9	78.6	117.8#
141	302.6	63.3	94.9#



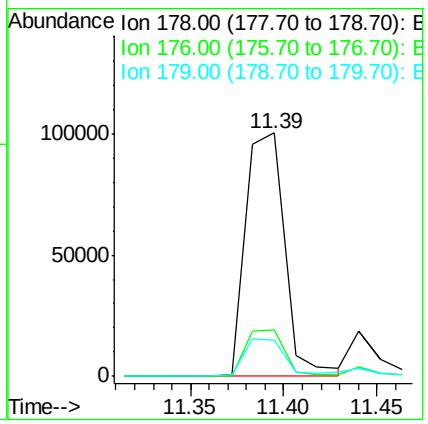


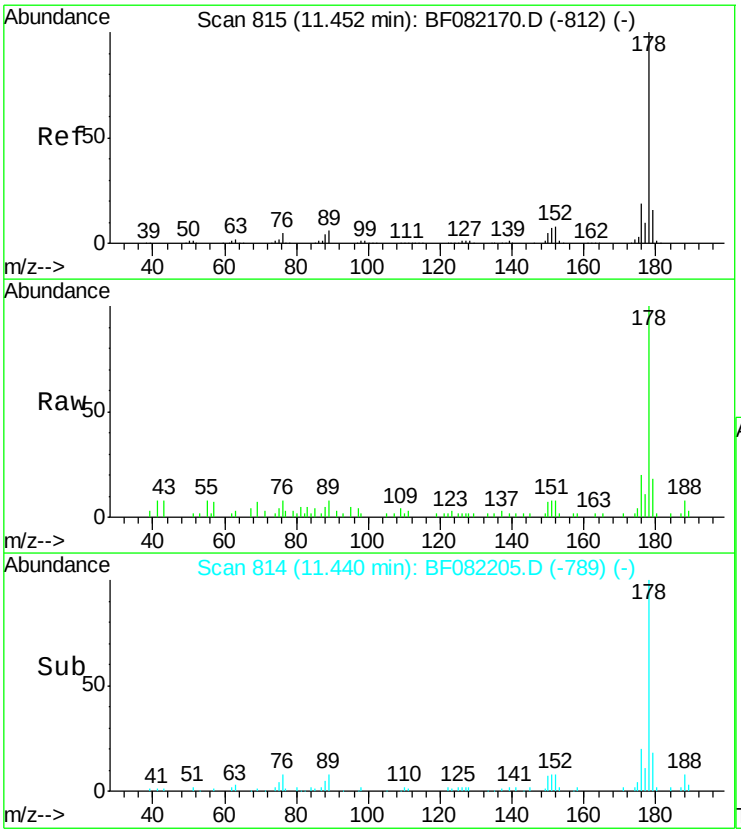
#70
Phenanthrene
Concen: 12.98 ng
RT: 11.39 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF082205.D
Acq: 11 Oct 2015 5:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 146312

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.0	24.0
179	14.7	12.6	19.0

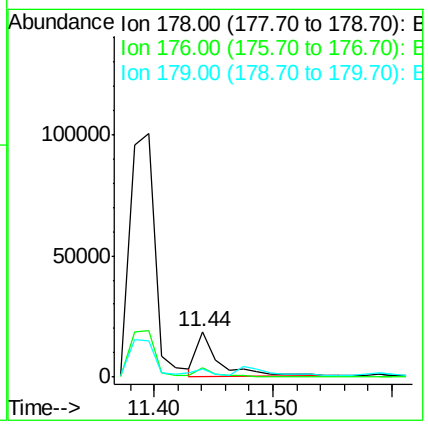


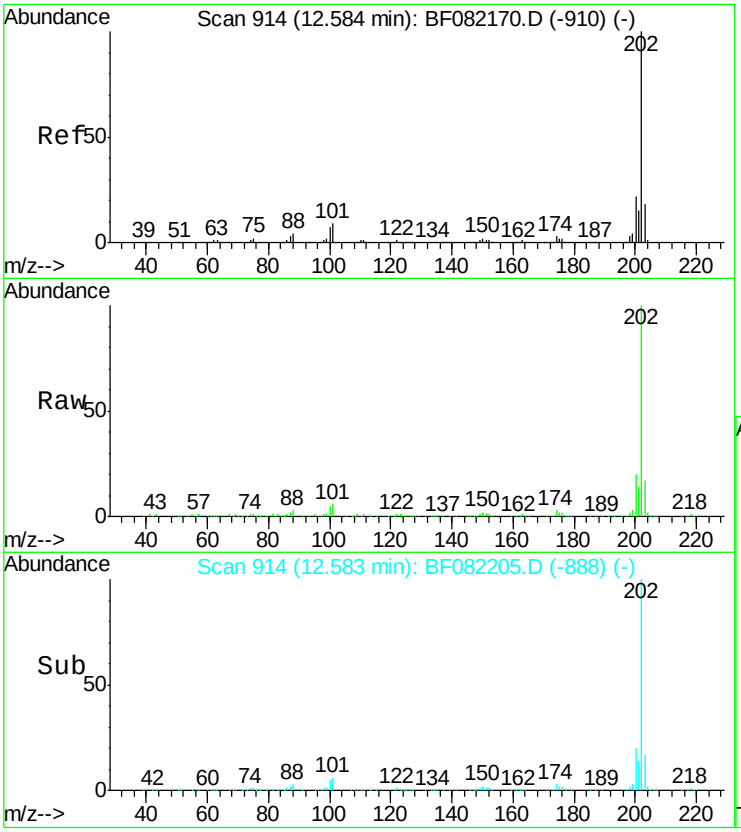


#71
Anthracene
Concen: 2.07 ng
RT: 11.44 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF082205.D
Acq: 11 Oct 2015 5:40

Tgt Ion:178 Resp: 24060

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.4	23.0
179	17.7	12.5	18.7



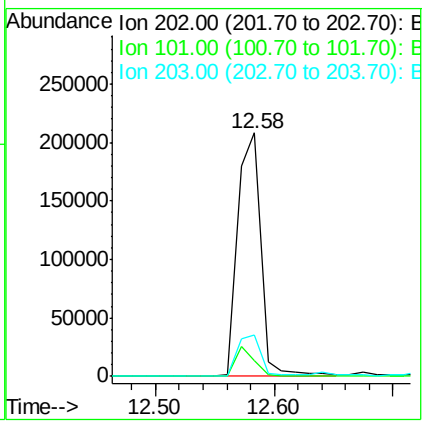


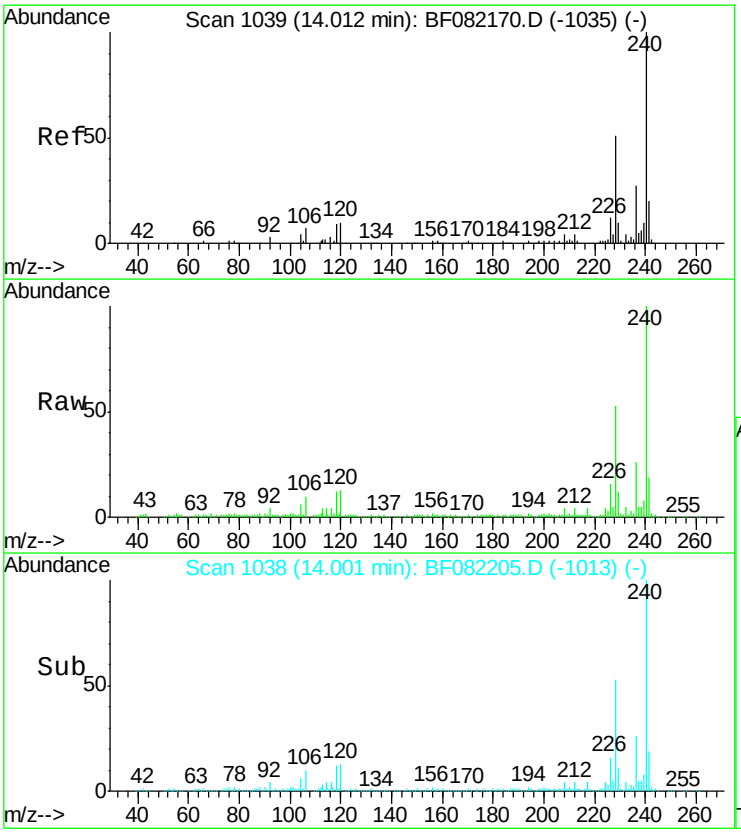
#74
Fluoranthene
Concen: 23.64 ng
RT: 12.58 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF082205.D
Acq: 11 Oct 2015 5:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 286250

Ion	Ratio	Lower	Upper
202	100		
101	6.4	0.0	29.3
203	16.7	0.0	37.8

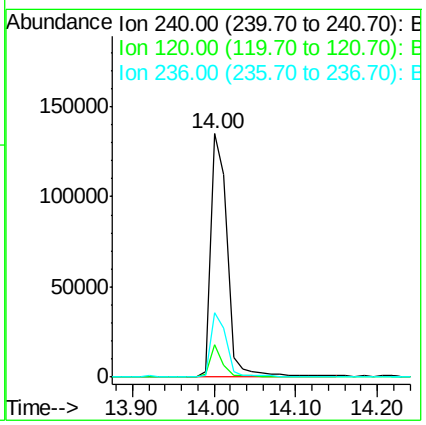


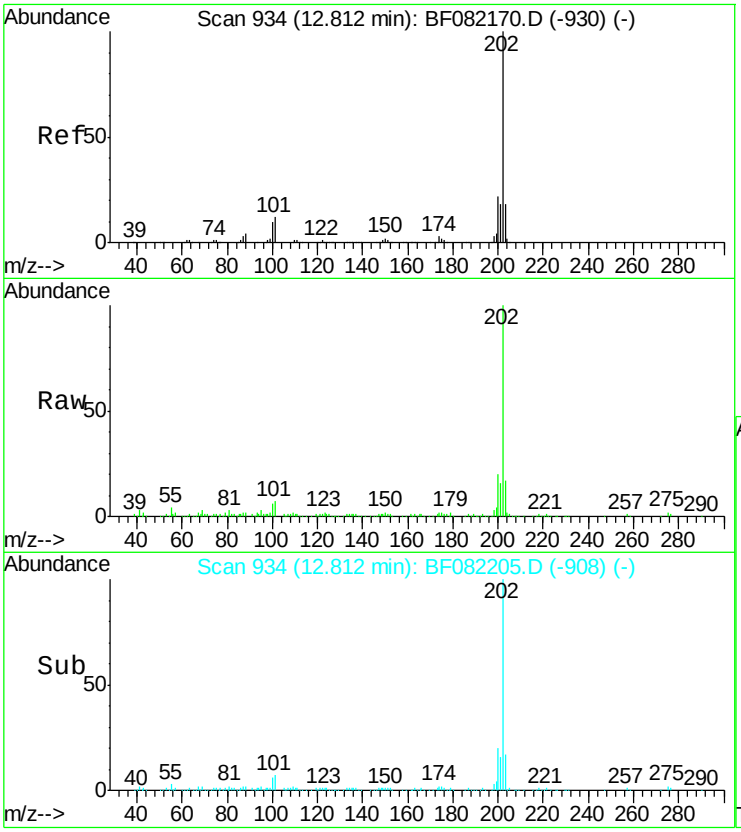


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF082205.D
Acq: 11 Oct 2015 5:40

Tgt Ion:240 Resp: 191546

Ion	Ratio	Lower	Upper
240	100		
120	13.2	8.1	12.1#
236	26.4	21.3	31.9



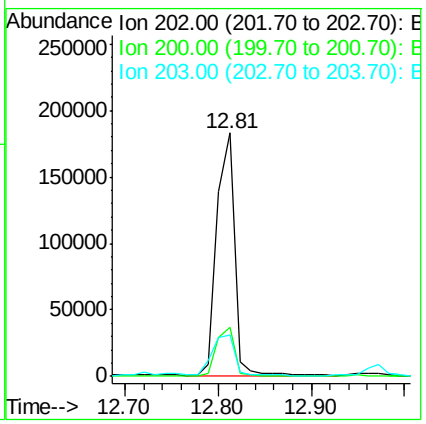


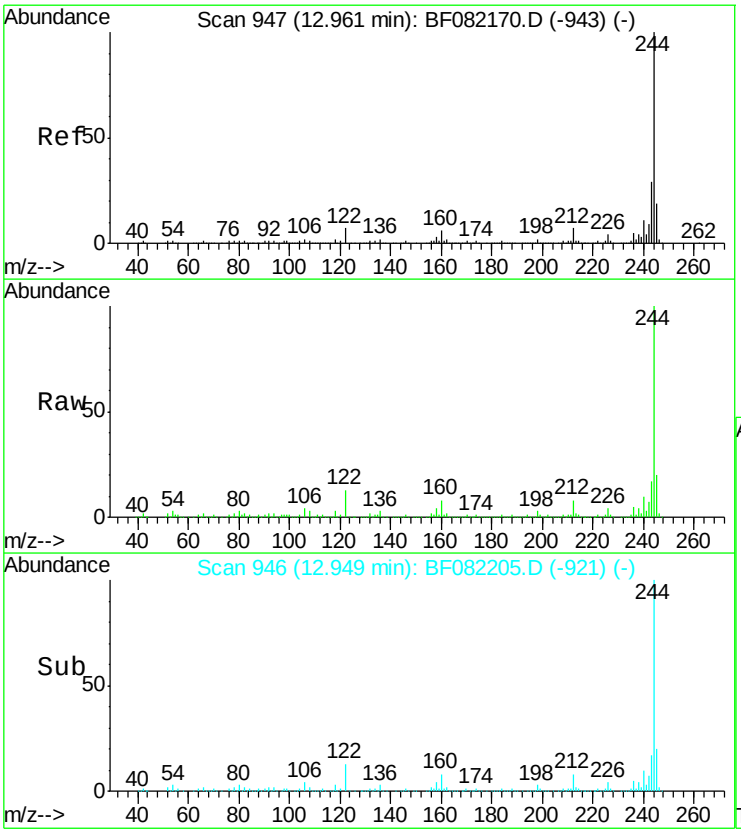
#77
Pyrene
Concen: 21.01 ng
RT: 12.81 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF082205.D
Acq: 11 Oct 2015 5:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 238804

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.9	26.9
203	17.1	14.5	21.7

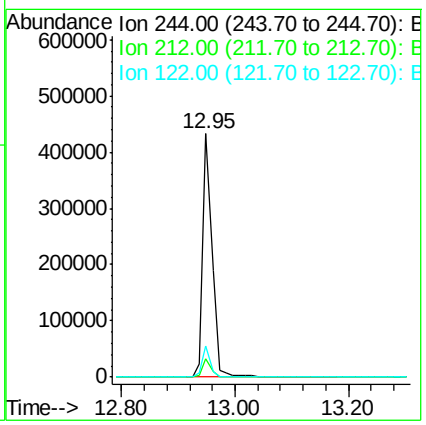


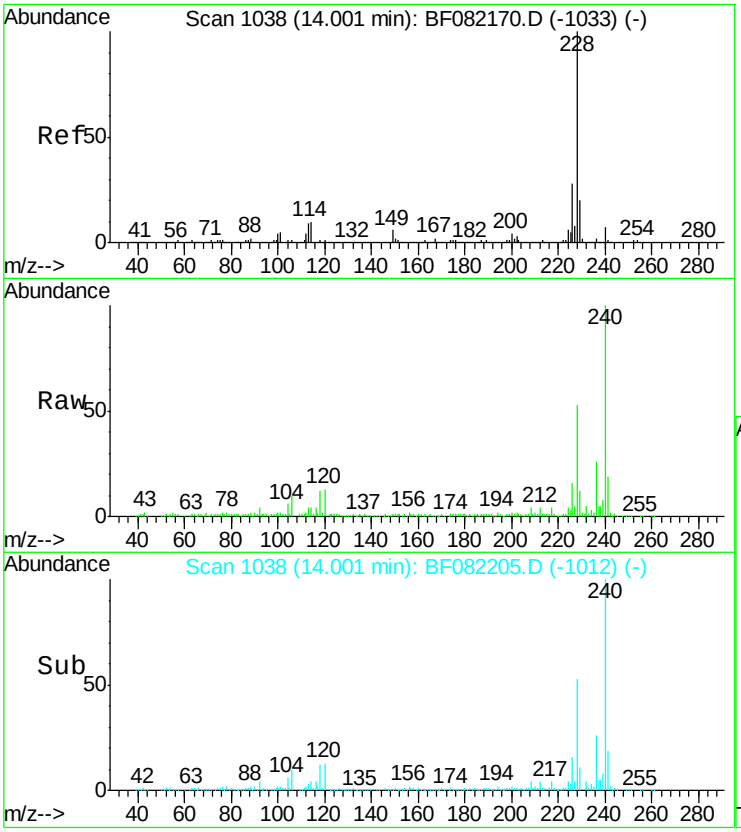


#78
Terphenyl-d14
Concen: 65.40 ng
RT: 12.95 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF082205.D
Acq: 11 Oct 2015 5:40

Tgt Ion:244 Resp: 472712

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	12.7	5.9	8.9#



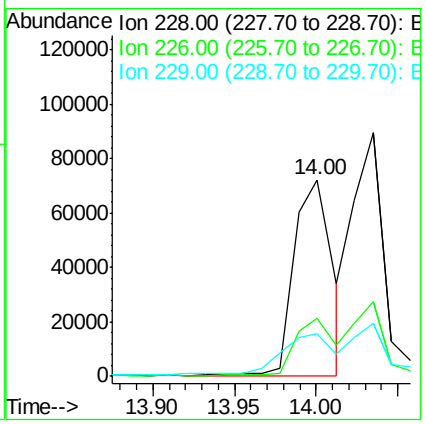


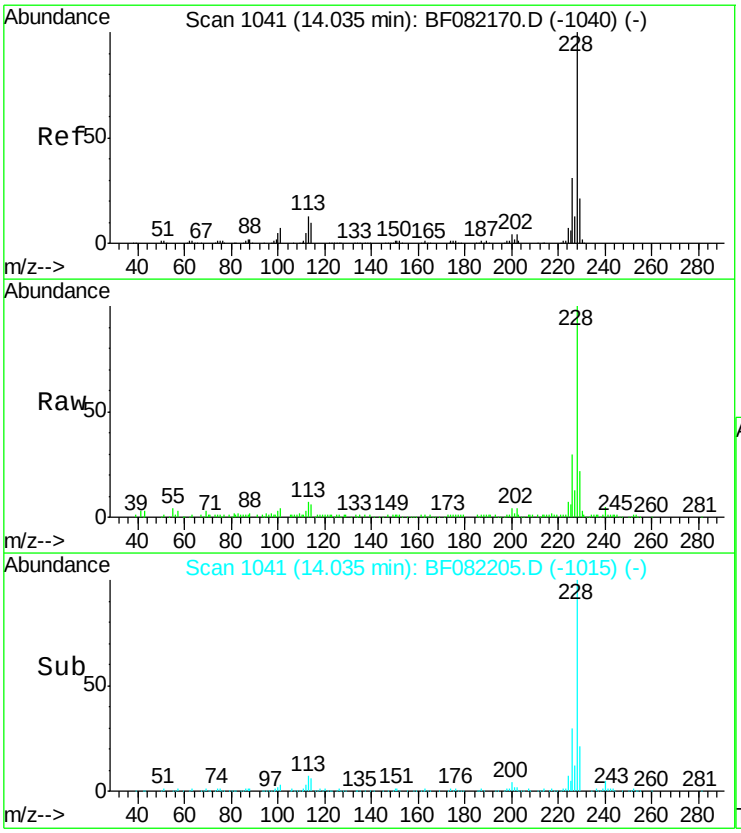
#80
Benzo(a)anthracene
Concen: 11.65 ng
RT: 14.00 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF082205.D
Acq: 11 Oct 2015 5:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 116147

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.3	33.5
229	21.8	16.2	24.2

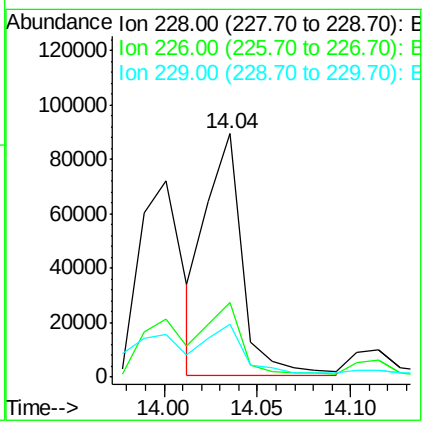


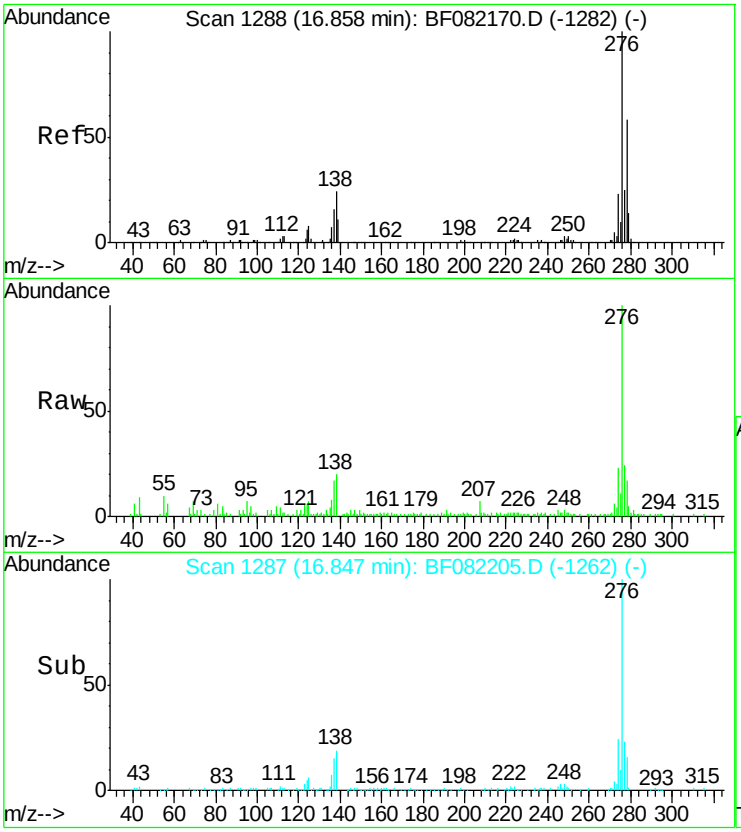


#82
Chrysene
Concen: 11.56 ng
RT: 14.04 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF082205.D
Acq: 11 Oct 2015 5:40

Tgt Ion:228 Resp: 121393

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	21.6	16.3	24.5



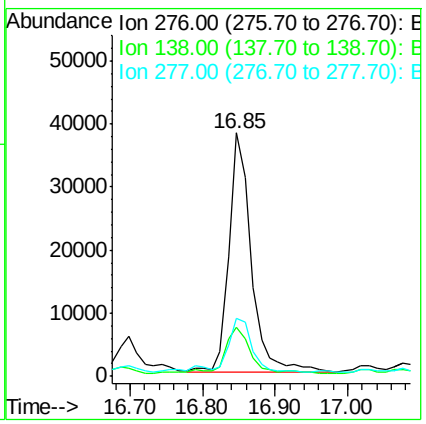


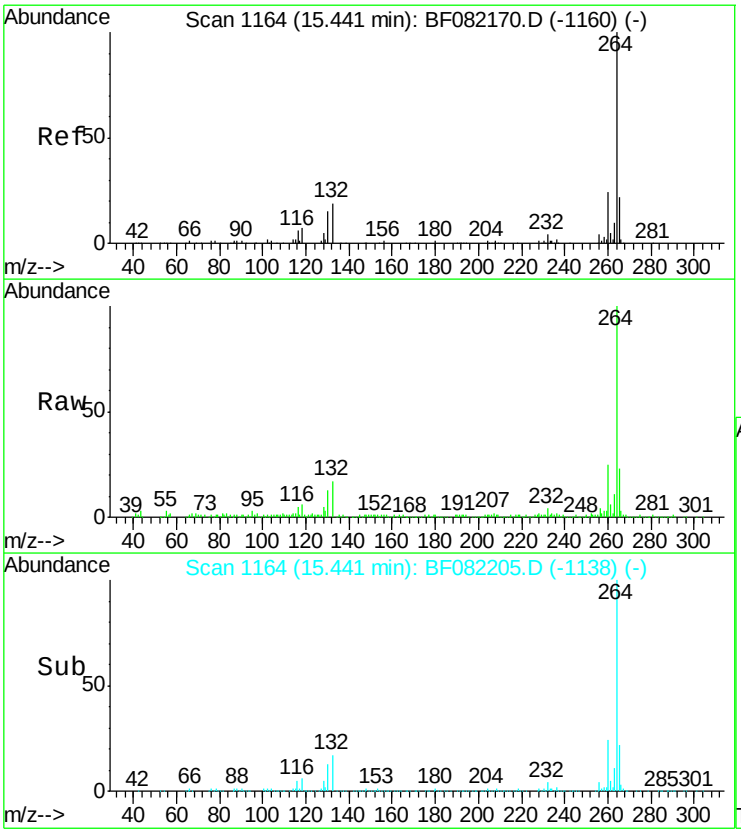
#85
Indeno(1,2,3-cd)pyrene
Concen: 9.75 ng
RT: 16.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF082205.D
Acq: 11 Oct 2015 5:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 81344

Ion	Ratio	Lower	Upper
276	100		
138	23.0	19.7	29.5
277	22.6	20.1	30.1

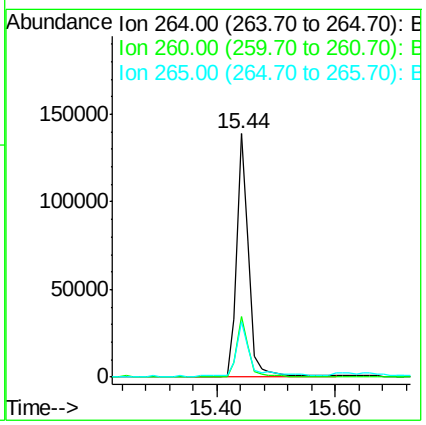


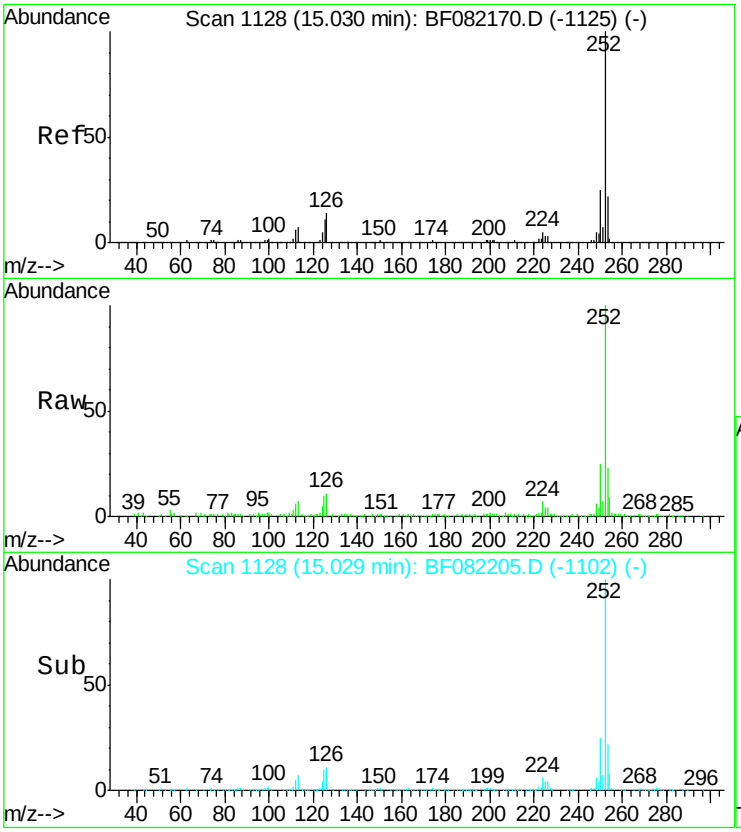


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF082205.D
Acq: 11 Oct 2015 5:40

Tgt Ion:264 Resp: 194403

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.0	28.6
265	22.7	17.3	25.9



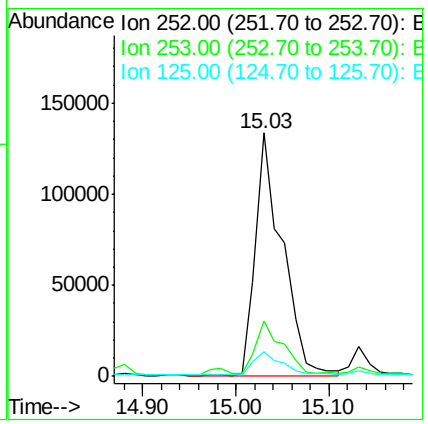


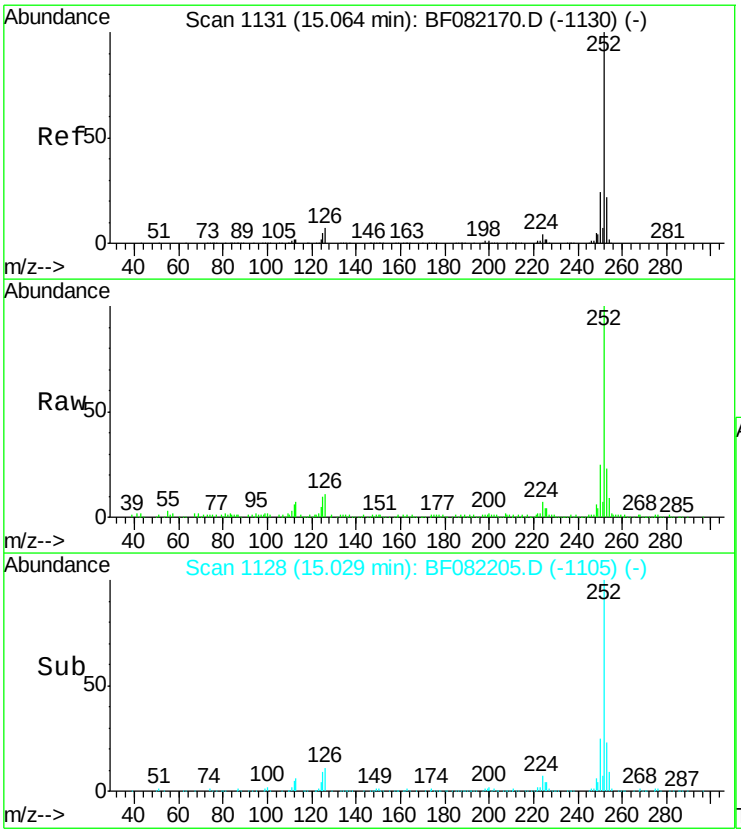
#87
Benzo(b)fluoranthene
Concen: 22.37 ng
RT: 15.03 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF082205.D
Acq: 11 Oct 2015 5:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 264590

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	10.1	8.6	12.8

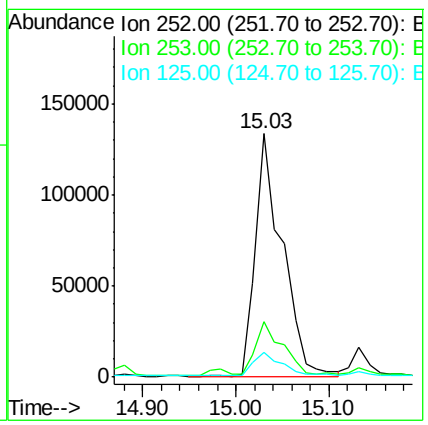


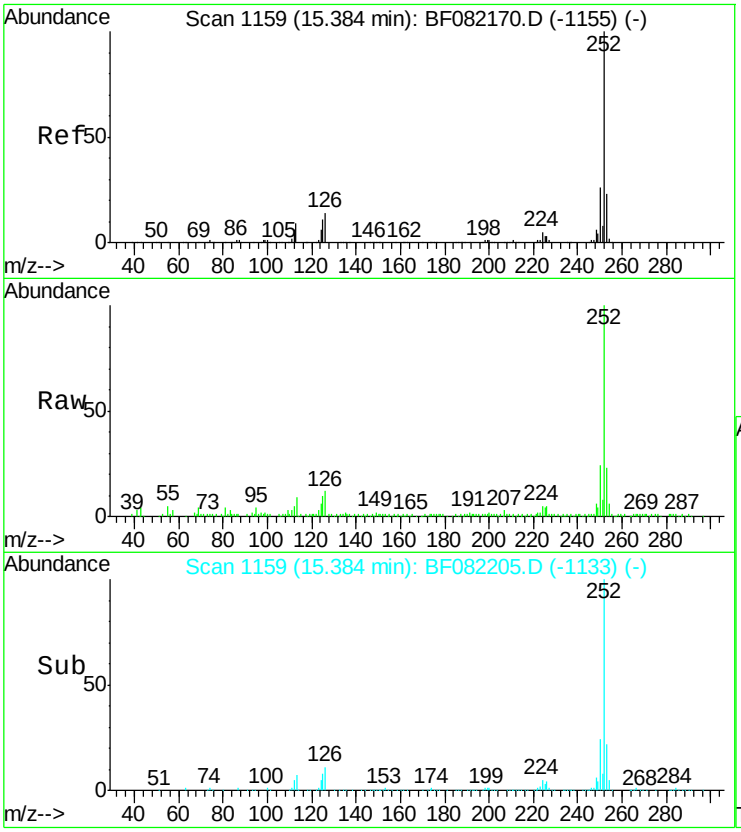


#88
Benzo(k)fluoranthene
Concen: 26.62 ng
RT: 15.03 min Scan# 1128
Delta R.T. -0.03 min
Lab File: BF082205.D
Acq: 11 Oct 2015 5:40

Tgt Ion:252 Resp: 264590

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	10.1	6.7	10.1#



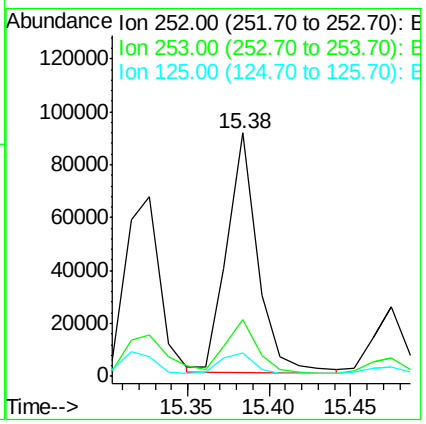


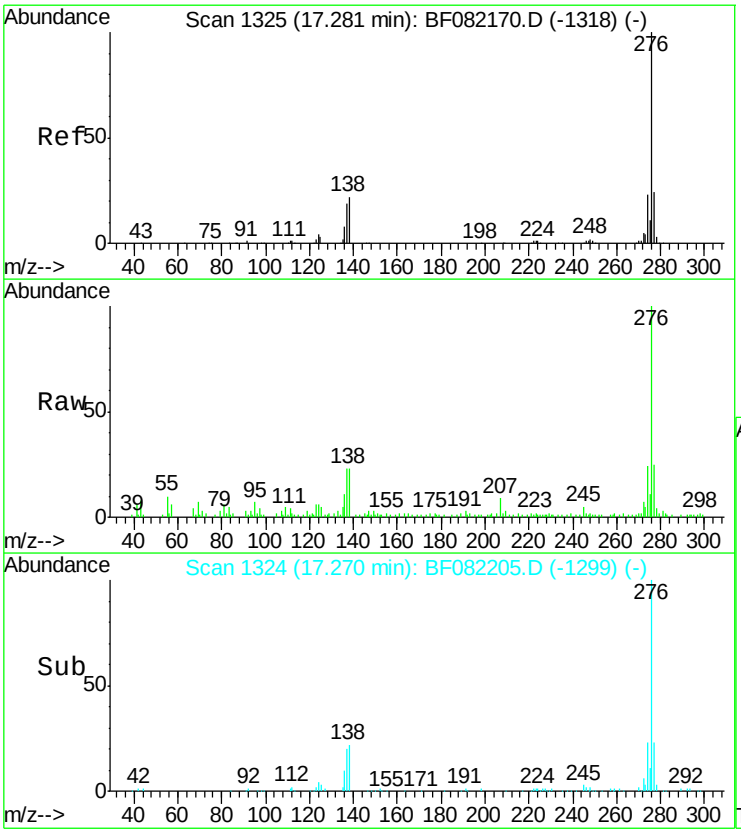
#89
Benzo(a)pyrene
Concen: 11.68 ng
RT: 15.38 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF082205.D
Acq: 11 Oct 2015 5:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 118687

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	9.5	8.9	13.3





#91
Benzo(g,h,i)perylene
Concen: 9.36 ng
RT: 17.27 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF082205.D
Acq: 11 Oct 2015 5:40

Tgt Ion:276 Resp: 75705

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.8	28.2
138	22.8	17.4	26.2