Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081415.D
Acq On : 4 Sep 2015 11:30
Operator : UM/IZ
Sample : G3505-10
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 04 13:05:03 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 17:35:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	57132	20.00	ng		-0.02
21) Naphthalene-d8	7.66	136	219298	20.00	ng		-0.02
38) Acenaphthene-d10	9.39	164	92565	20.00	ng		-0.02
63) Phenanthrene-d10	10.87	188	168454	20.00	ng		-0.01
75) Chrysene-d12	13.47	240	111439	20.00	ng		-0.02
86) Perylene-d12	14.78	264	93703	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.92	112	325385	88.36	ng		0.00
7) Phenol-d6	6.04	99	465200	95.44	ng		-0.01
23) Nitrobenzene-d5	6.95	82	316227	69.57	ng		-0.02
41) 2,4,6-Tribromophenol	10.18	330	70706	85.79	ng		-0.02
44) 2-Fluorobiphenyl	8.74	172	474028	65.63	ng		-0.02
78) Terphenyl-d14	12.44	244	288141	60.19	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.95	70	42758	12.89	ng	#	58
49) Dimethylphthalate	9.14	163	70361	9.78	ng	#	96
56) 2,4-Dinitrotoluene	9.39	165	11710	5.63	ng	#	31
66) 4-Bromophenyl-phenylether	10.18	248	5797	3.40	ng	#	1
70) Phenanthrene	10.89	178	23885	2.55	ng		98
71) Anthracene	10.89	178	23885	2.48	ng		98
74) Fluoranthene	12.06	202	49190	4.85	ng		89
77) Pyrene	12.28	202	46486	5.63	ng		98
80) Benzo(a)anthracene	13.46	228	20803	2.93	ng	#	92
82) Chrysene	13.46	228	20803	3.27	ng		94
87) Benzo(b)fluoranthene	14.69	252	14362	2.15	ng		95
88) Benzo(k)fluoranthene	14.69	252	14362	2.59	ng		96
89) Benzo(a)pyrene	14.73	252	18021	3.18	ng	#	91
91) Benzo(g,h,i)perylene	16.18	276	8913	2.13	ng	#	74

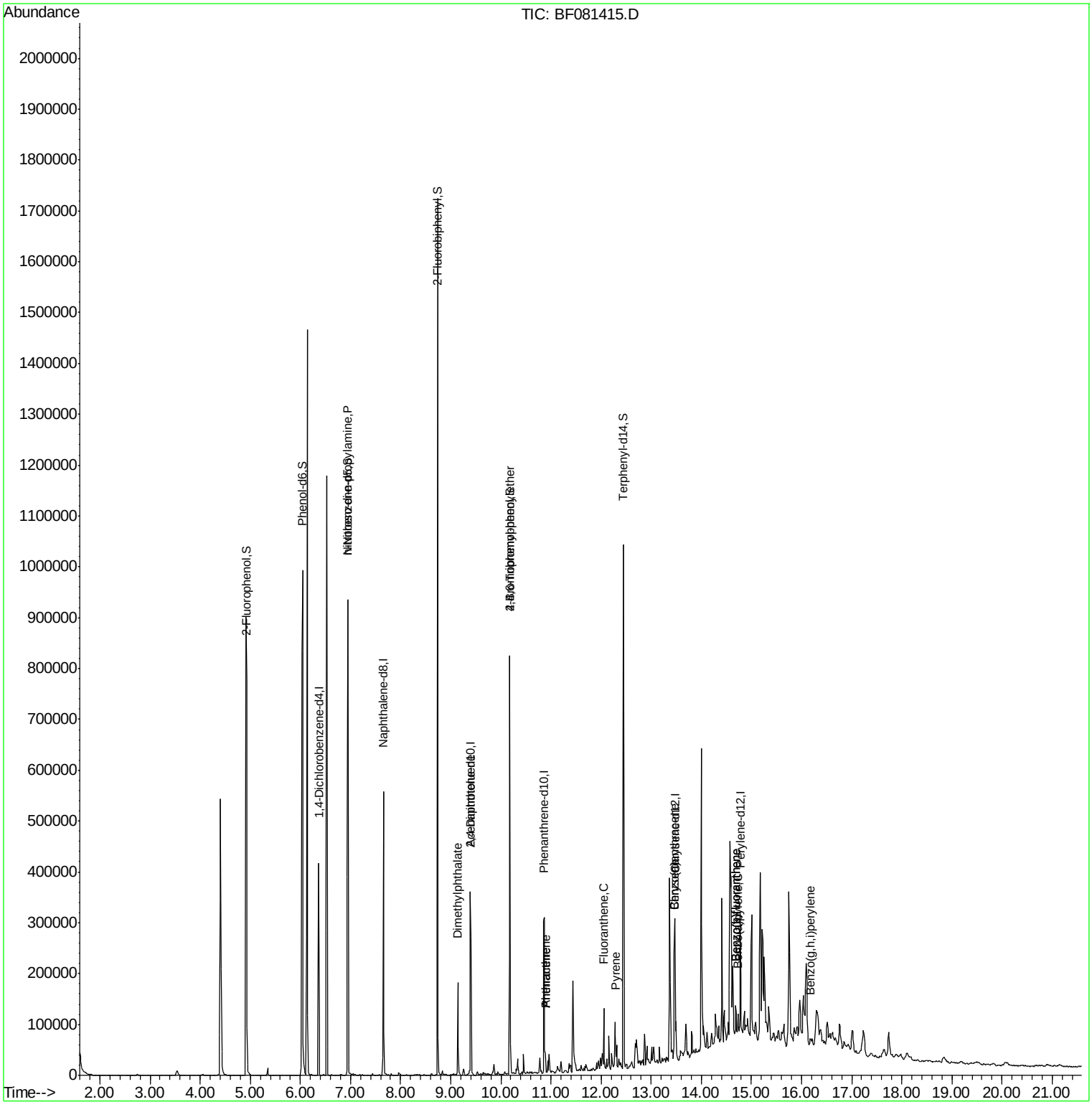
(#) = qualifier out of range (m) = manual integration (+) = signals summed

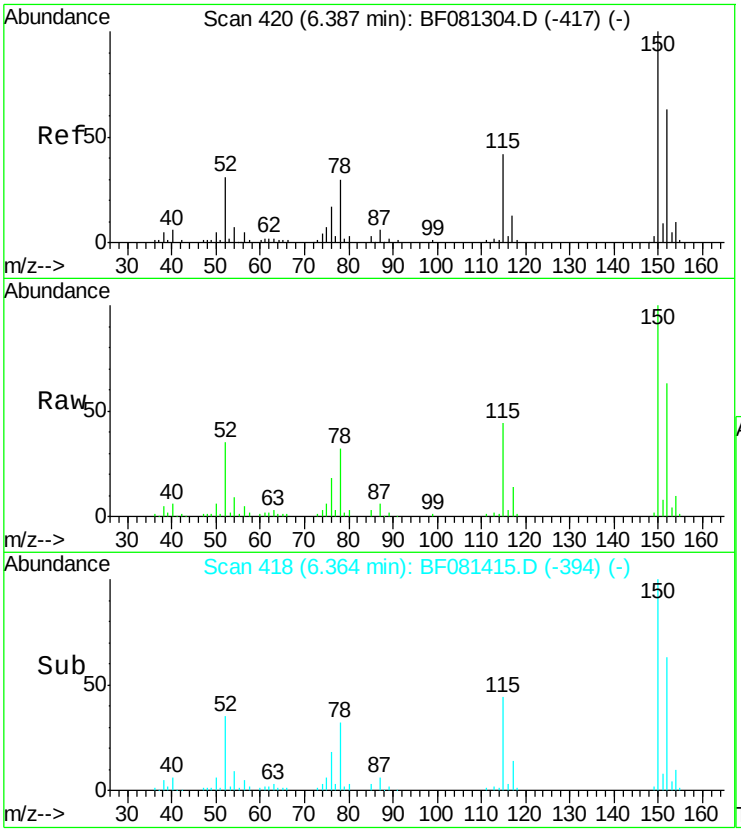
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081415.D
Acq On : 4 Sep 2015 11:30
Operator : UM/IZ
Sample : G3505-10
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 04 13:05:03 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 17:35:35 2015
Response via : Initial Calibration



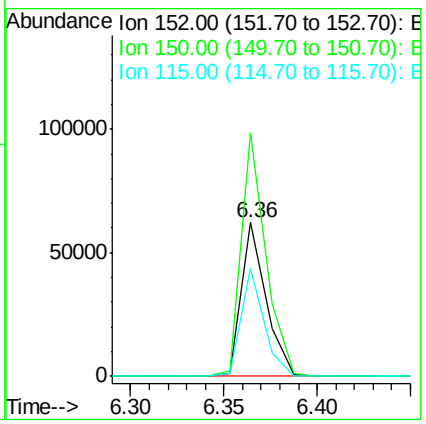


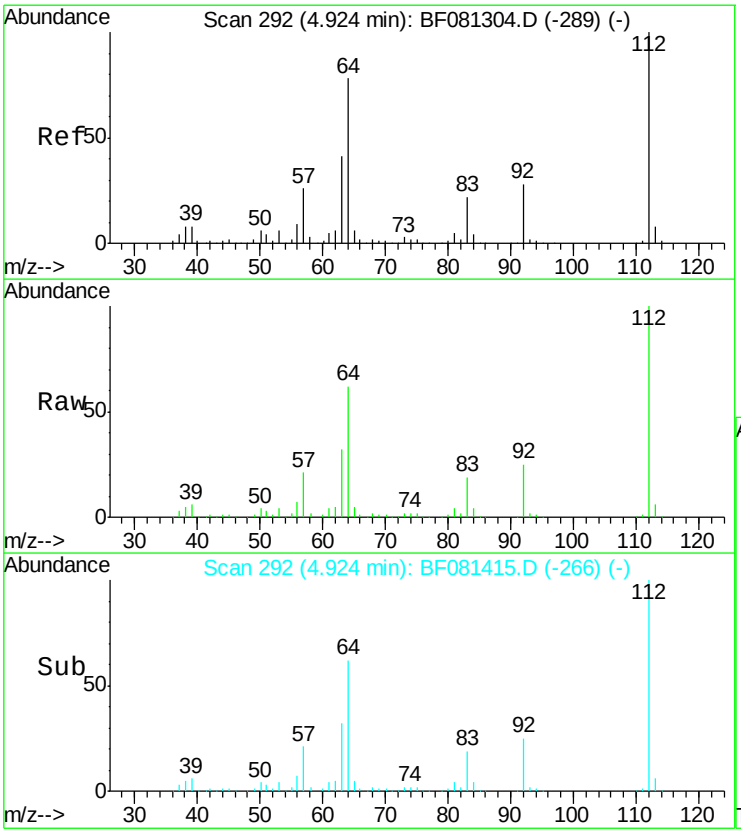
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF081415.D
Acq: 4 Sep 2015 11:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 57132

Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.7	187.1
115	70.0	39.0	58.4#

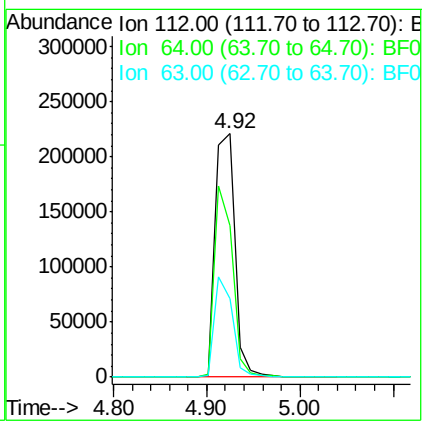


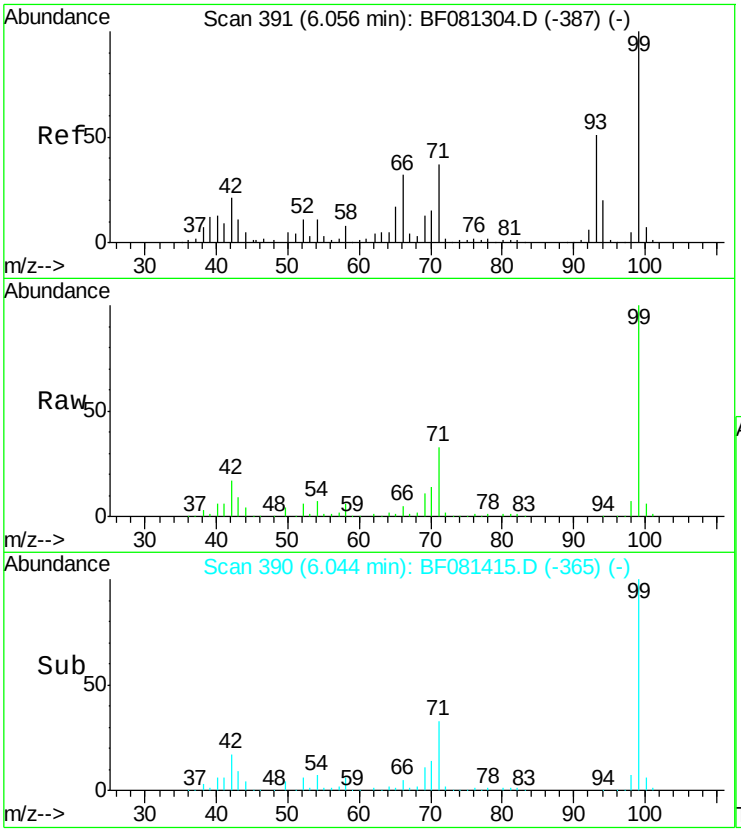


#5
2-Fluorophenol
Concen: 88.36 ng
RT: 4.92 min Scan# 292
Delta R.T. 0.00 min
Lab File: BF081415.D
Acq: 4 Sep 2015 11:30

Tgt Ion:112 Resp: 325385

Ion	Ratio	Lower	Upper
112	100		
64	62.3	39.7	59.5#
63	32.5	17.4	26.0#



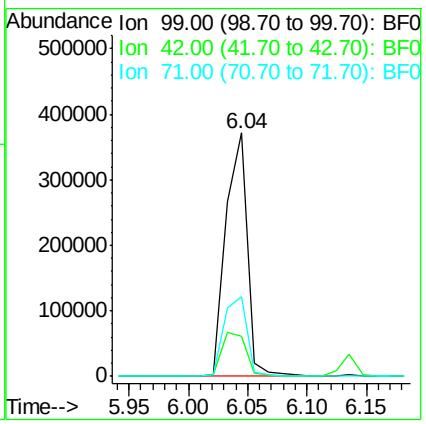


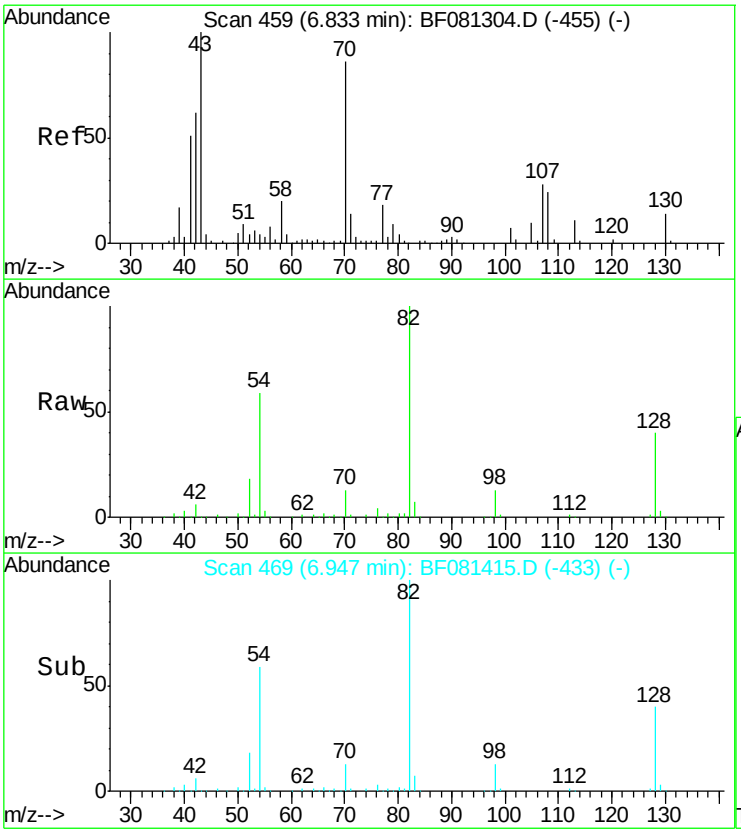
#7
Phenol-d6
Concen: 95.44 ng
RT: 6.04 min Scan# 390
Delta R.T. -0.01 min
Lab File: BF081415.D
Acq: 4 Sep 2015 11:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 465200

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.7	20.5
71	32.6	14.2	21.2#

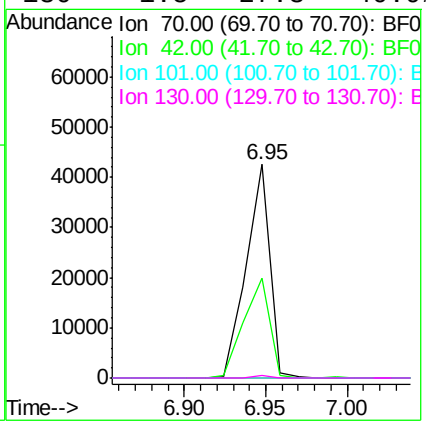


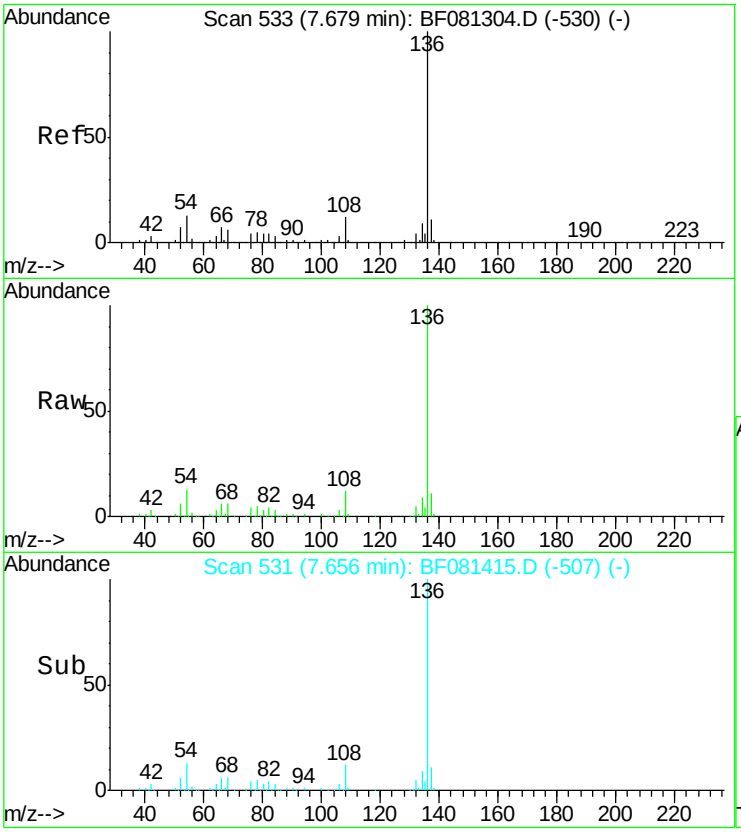


#19
n-Nitroso-di-n-propylamine
Concen: 12.89 ng
RT: 6.95 min Scan# 469
Delta R.T. 0.11 min
Lab File: BF081415.D
Acq: 4 Sep 2015 11:30

Tgt Ion: 70 Resp: 42758

Ion	Ratio	Lower	Upper
70	100		
42	47.0	63.8	95.6#
101	0.0	9.2	13.8#
130	1.5	27.3	40.9#



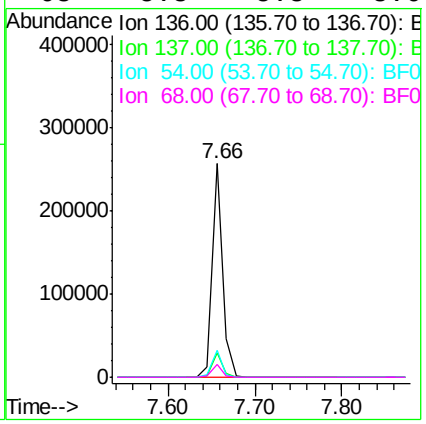


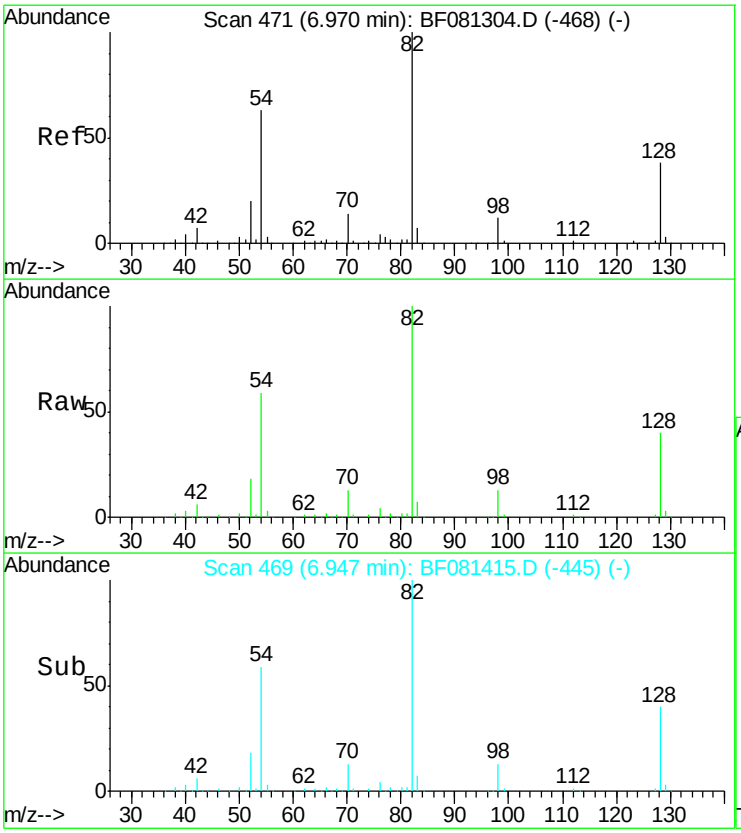
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF081415.D
Acq: 4 Sep 2015 11:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 219298

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	12.5	8.2	12.2#
68	5.8	5.8	8.6

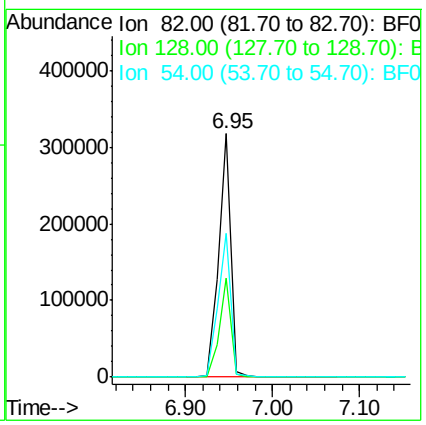


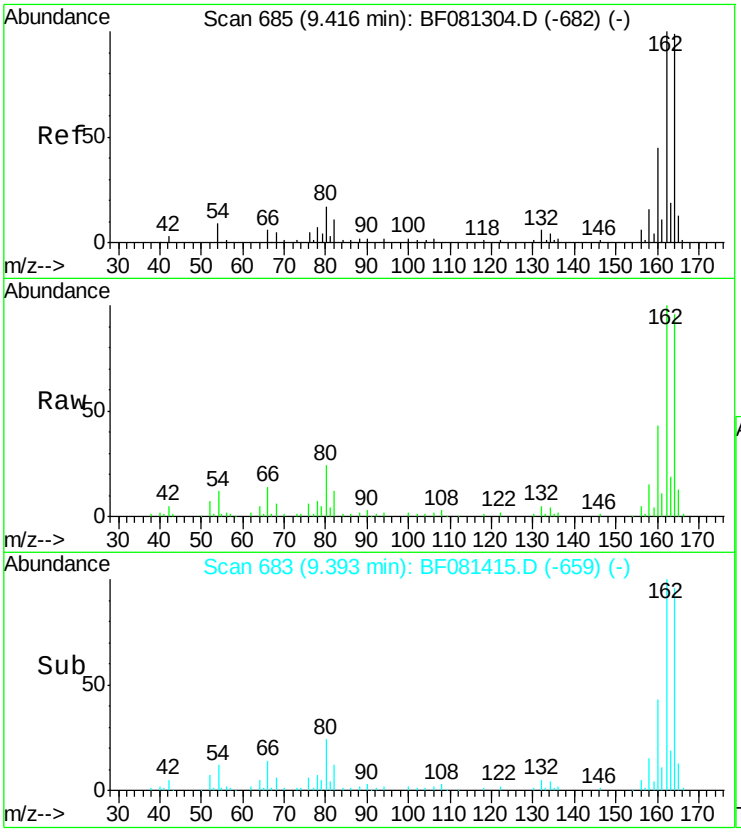


#23
Nitrobenzene-d5
Concen: 69.57 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.02 min
Lab File: BF081415.D
Acq: 4 Sep 2015 11:30

Tgt Ion: 82 Resp: 316227

Ion	Ratio	Lower	Upper
82	100		
128	40.5	51.0	76.6#
54	58.9	47.5	71.3



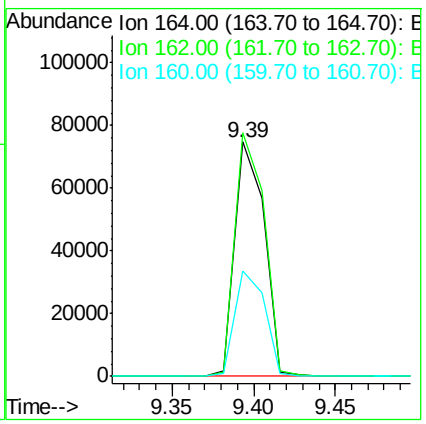


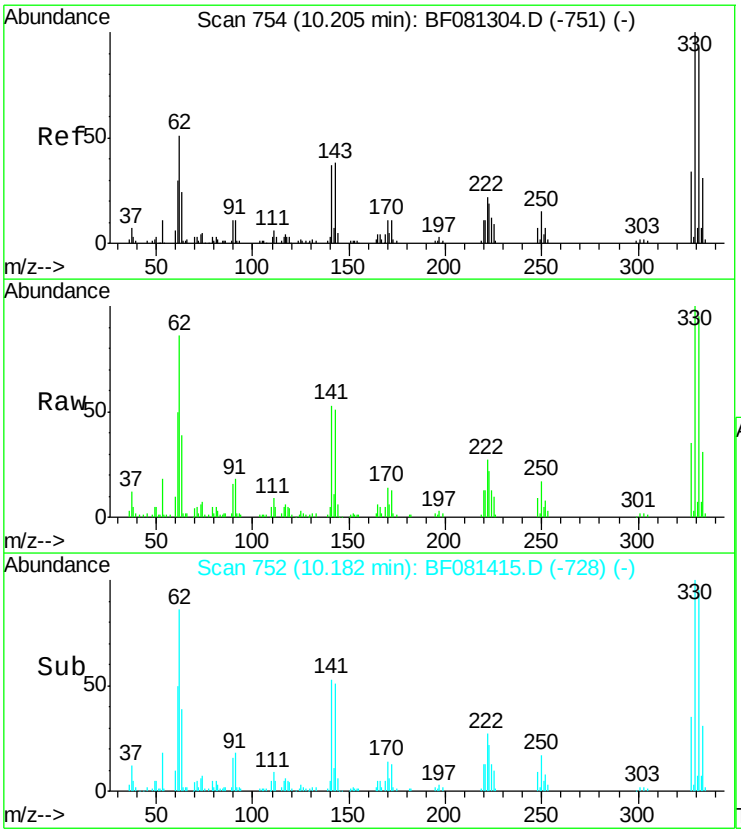
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.02 min
Lab File: BF081415.D
Acq: 4 Sep 2015 11:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 92565

Ion	Ratio	Lower	Upper
164	100		
162	103.9	75.2	112.8
160	45.0	31.5	47.3

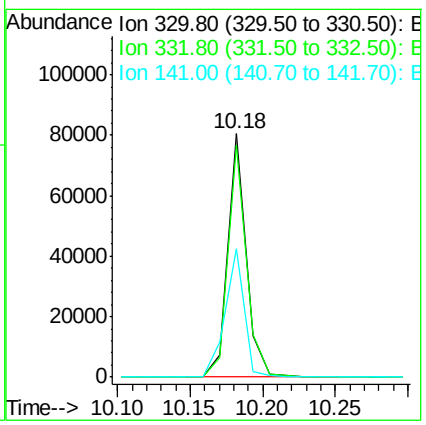


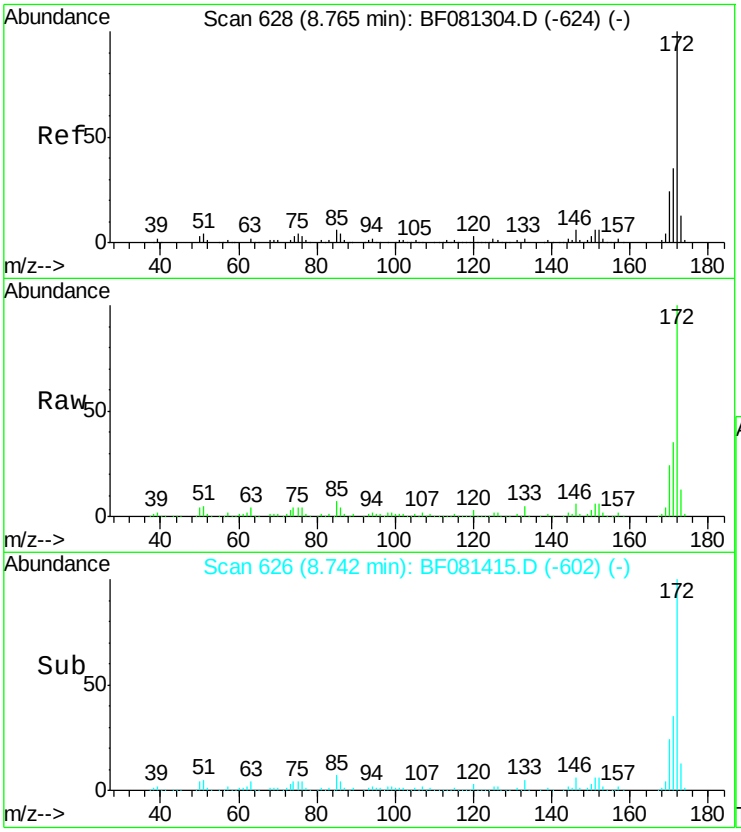


#41
2,4,6-Tribromophenol
Concen: 85.79 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF081415.D
Acq: 4 Sep 2015 11:30

Tgt Ion:330 Resp: 70706

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	54.8	29.7	44.5#



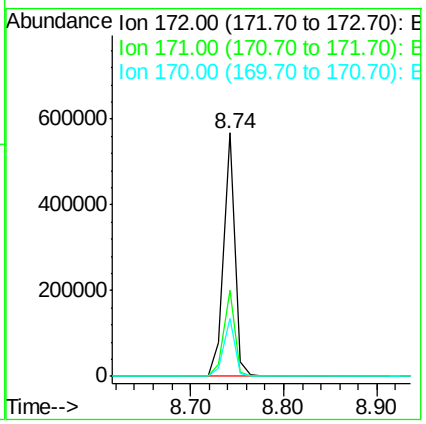


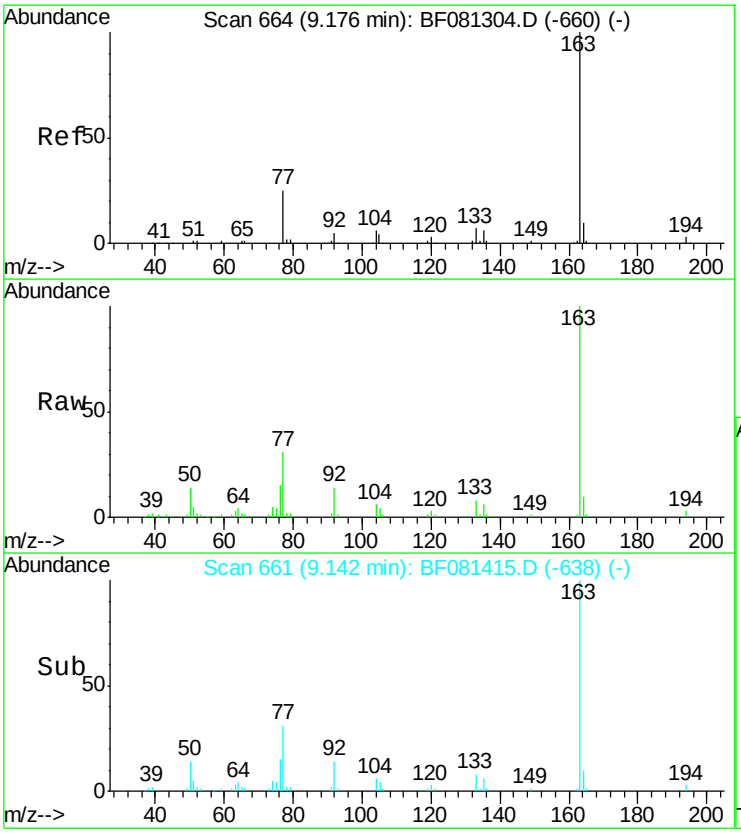
#44
2-Fluorobiphenyl
Concen: 65.63 ng
RT: 8.74 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF081415.D
Acq: 4 Sep 2015 11:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 474028

Ion	Ratio	Lower	Upper
172	100		
171	35.3	26.1	39.1
170	23.8	17.4	26.2

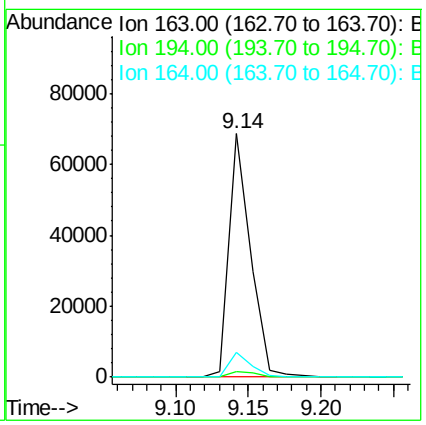


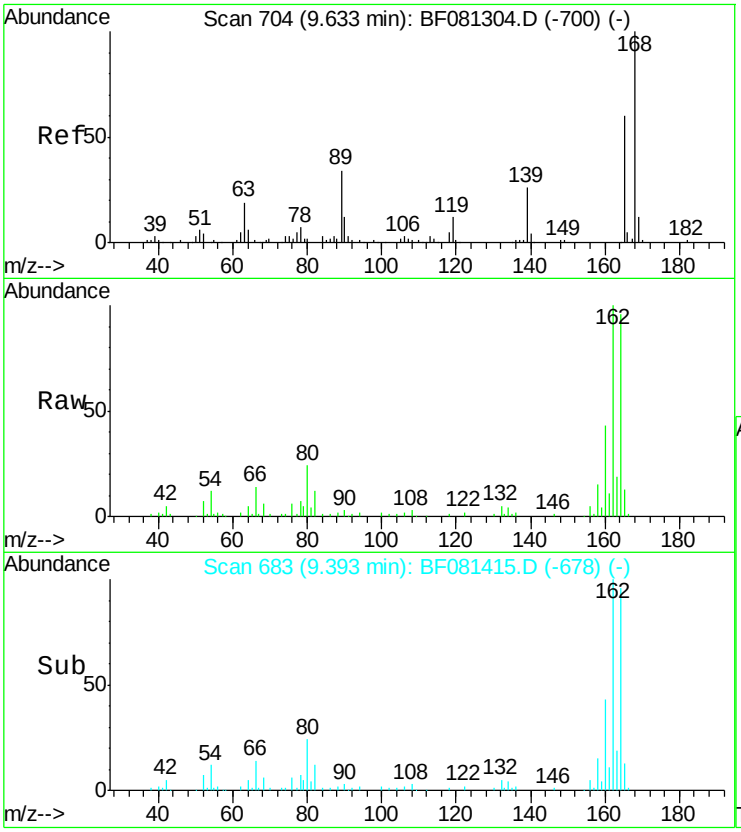


#49
Dimethylphthalate
Concen: 9.78 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF081415.D
Acq: 4 Sep 2015 11:30

Tgt Ion:163 Resp: 70361

Ion	Ratio	Lower	Upper
163	100		
194	2.5	4.4	6.6#
164	10.0	8.3	12.5



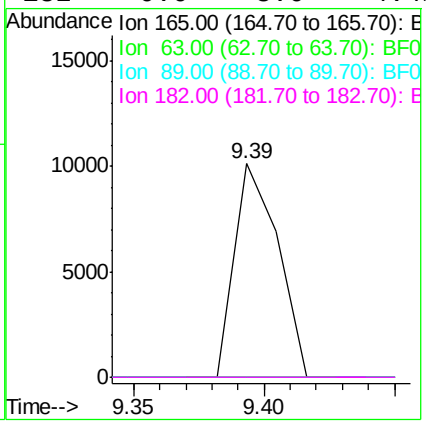


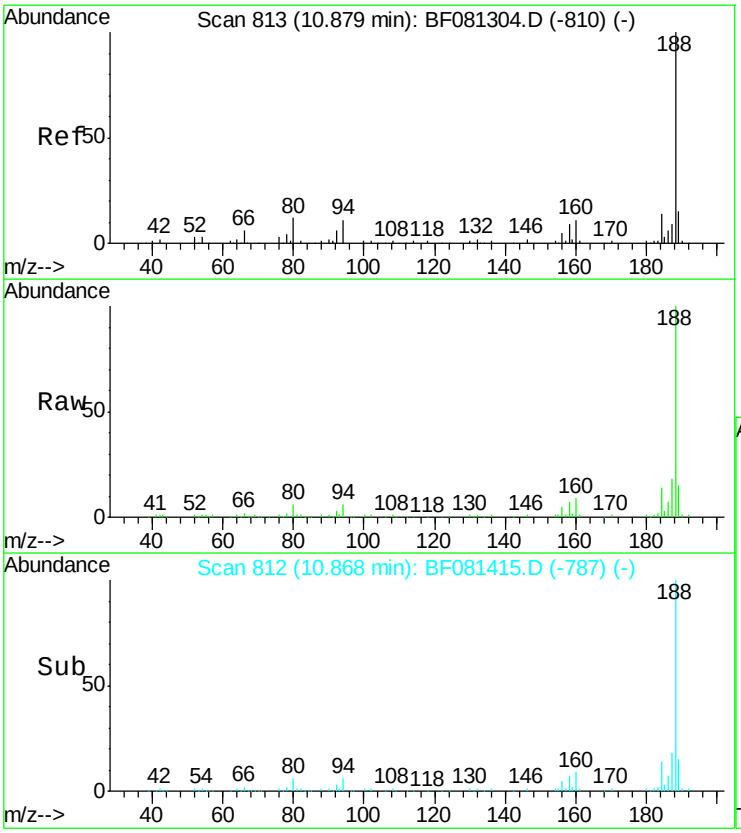
#56
2,4-Dinitrotoluene
Concen: 5.63 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.24 min
Lab File: BF081415.D
Acq: 4 Sep 2015 11:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 11710

Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

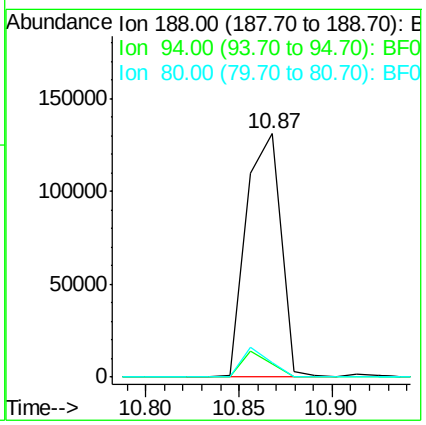


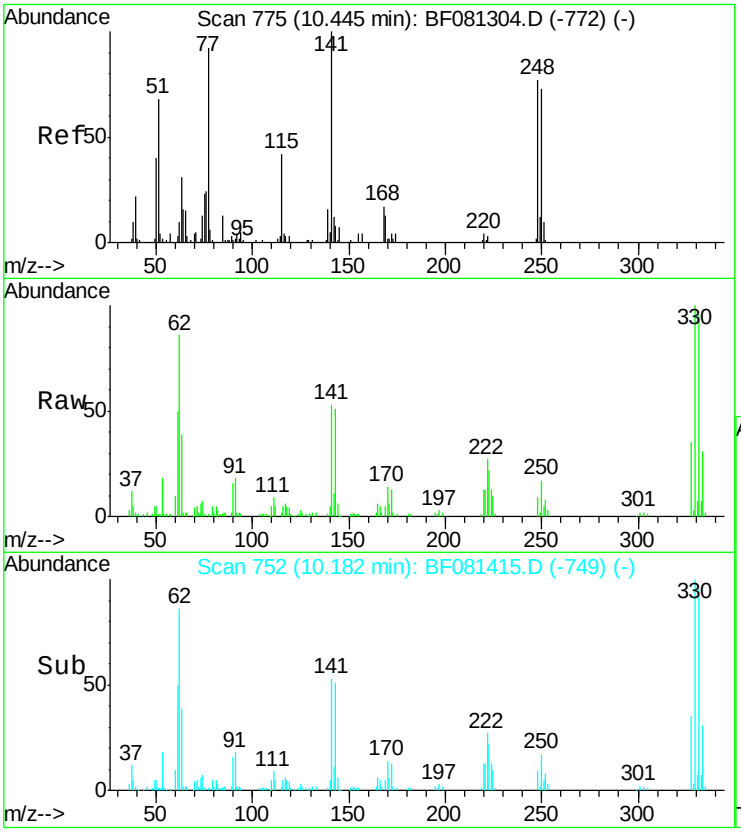


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.87 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF081415.D
Acq: 4 Sep 2015 11:30

Tgt Ion:188 Resp: 168454

Ion	Ratio	Lower	Upper
188	100		
94	5.6	11.1	16.7#
80	5.8	11.0	16.4#



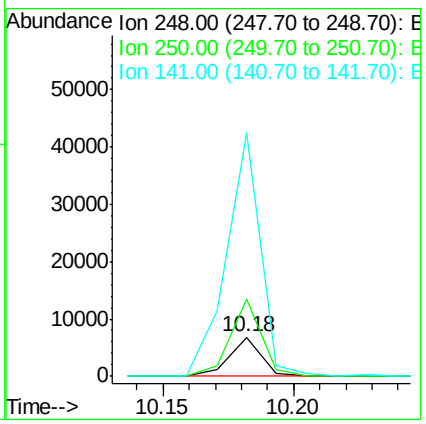


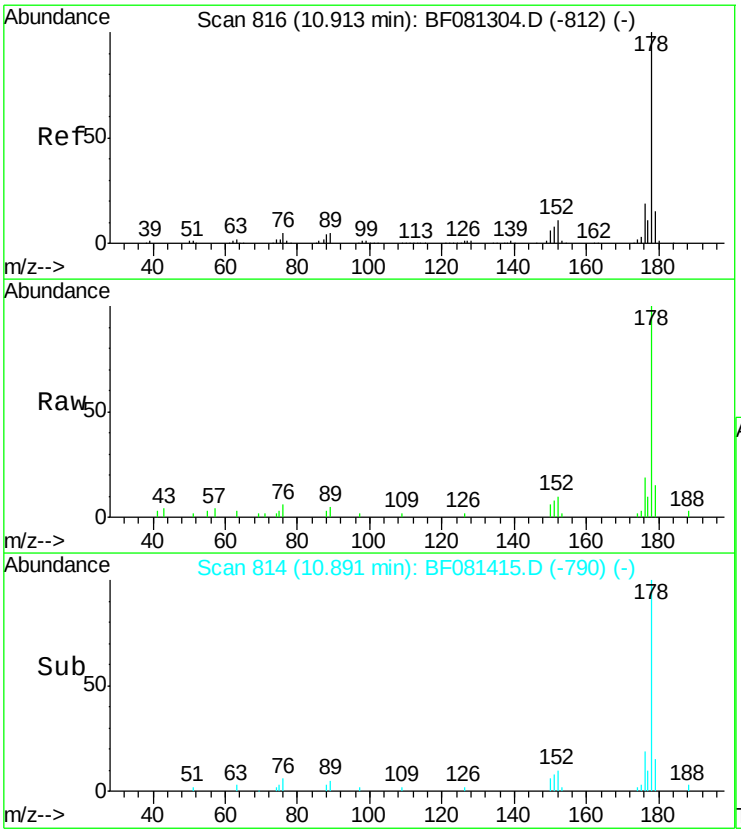
#66
4-Bromophenyl-phenylether
Concen: 3.40 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.26 min
Lab File: BF081415.D
Acq: 4 Sep 2015 11:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 5797

Ion	Ratio	Lower	Upper
248	100		
250	195.7	78.5	117.7#
141	617.1	59.0	88.6#

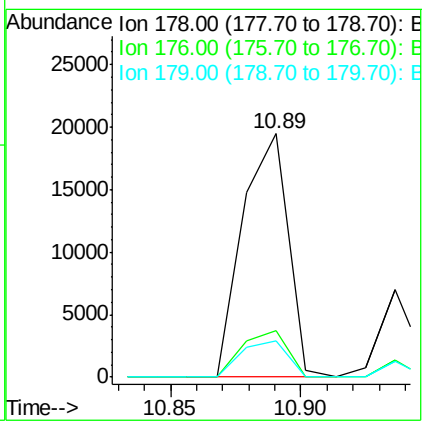


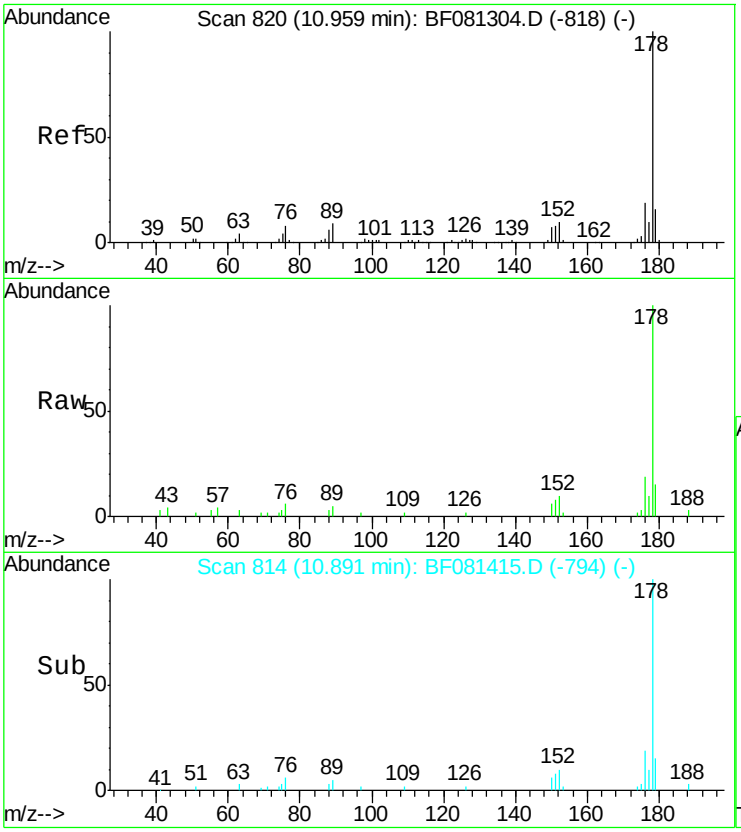


#70
Phenanthrene
Concen: 2.55 ng
RT: 10.89 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF081415.D
Acq: 4 Sep 2015 11:30

Tgt Ion:178 Resp: 23885

Ion	Ratio	Lower	Upper
178	100		
176	18.9	13.8	20.8
179	14.7	12.2	18.2



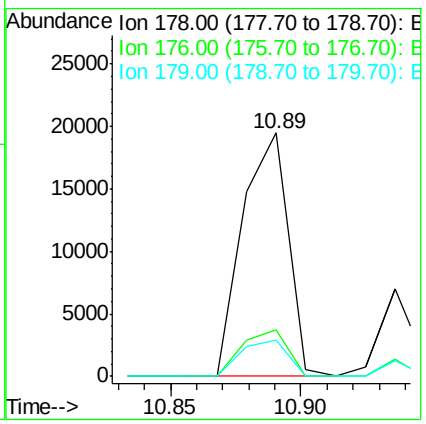


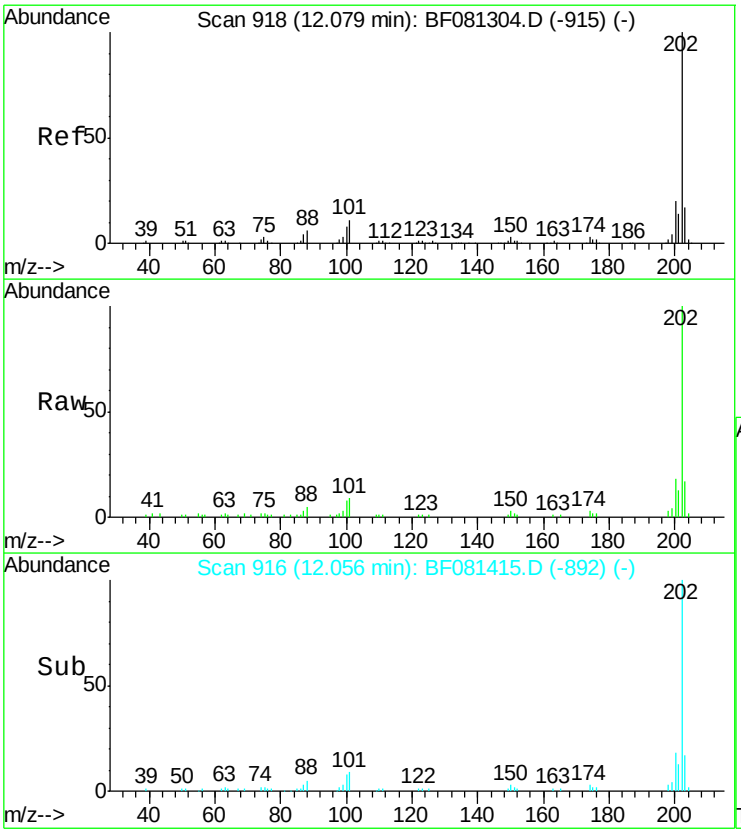
#71
Anthracene
Concen: 2.48 ng
RT: 10.89 min Scan# 814
Delta R.T. -0.07 min
Lab File: BF081415.D
Acq: 4 Sep 2015 11:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 23885

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.1	21.1
179	14.7	12.2	18.2

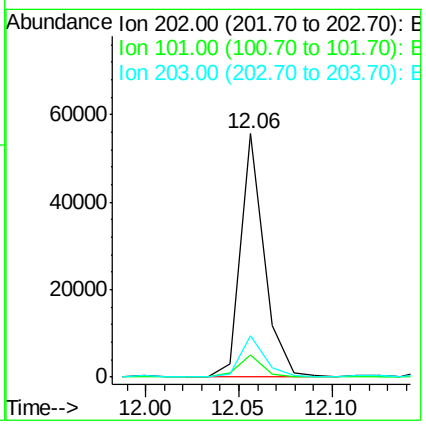


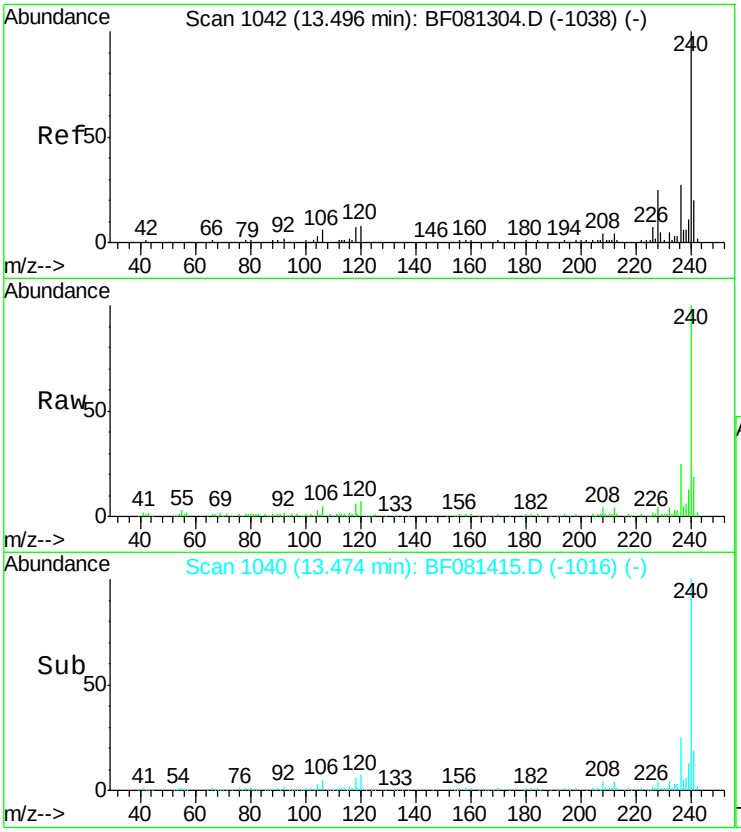


#74
Fluoranthene
Concen: 4.85 ng
RT: 12.06 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF081415.D
Acq: 4 Sep 2015 11:30

Tgt Ion:202 Resp: 49190

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	38.3
203	17.0	0.0	37.3



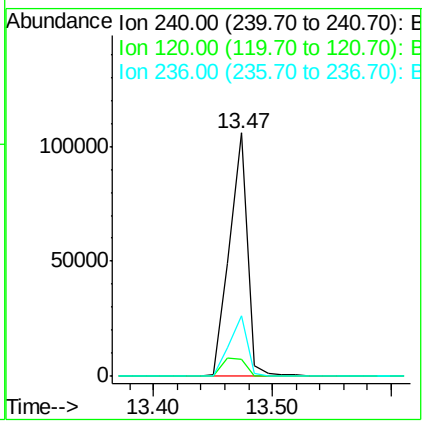


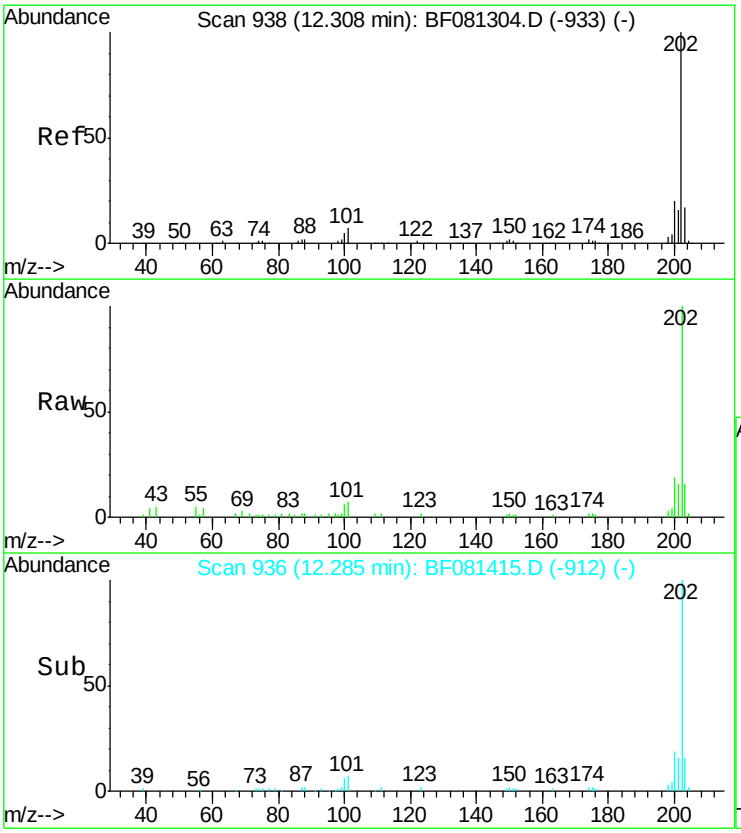
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.47 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BF081415.D
Acq: 4 Sep 2015 11:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 111439

Ion	Ratio	Lower	Upper
240	100		
120	6.9	16.2	24.2#
236	25.1	18.4	27.6

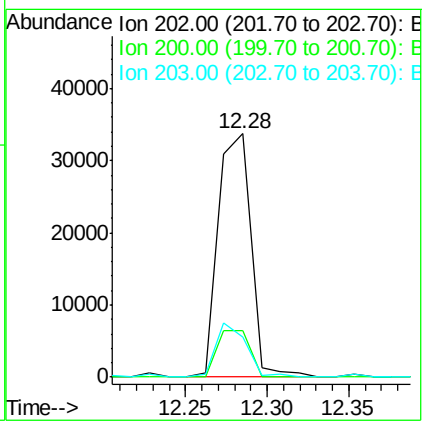


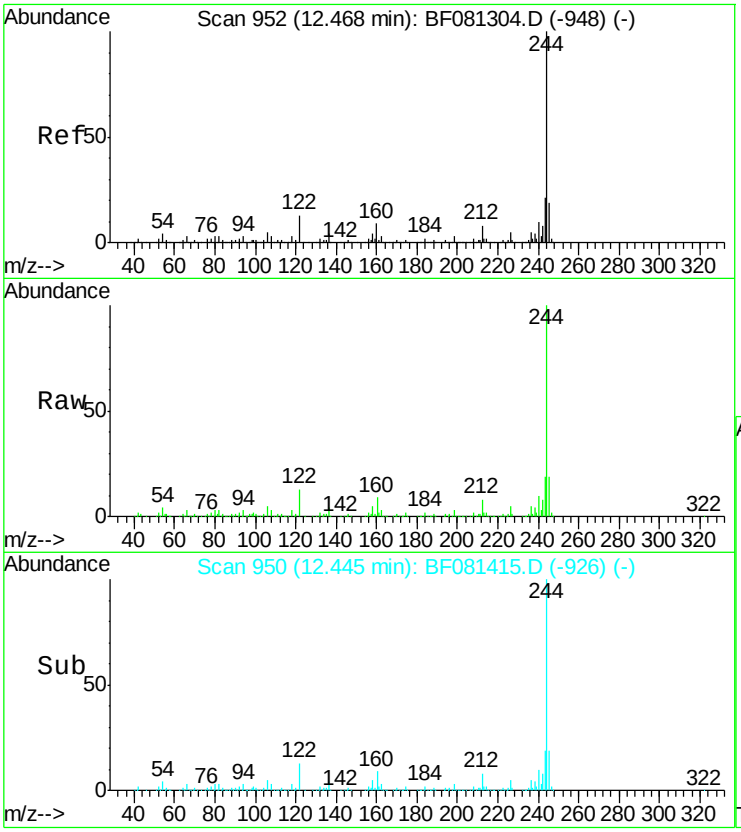


#77
Pyrene
Concen: 5.63 ng
RT: 12.28 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF081415.D
Acq: 4 Sep 2015 11:30

Tgt Ion:202 Resp: 46486

Ion	Ratio	Lower	Upper
202	100		
200	19.3	15.0	22.4
203	16.3	14.1	21.1



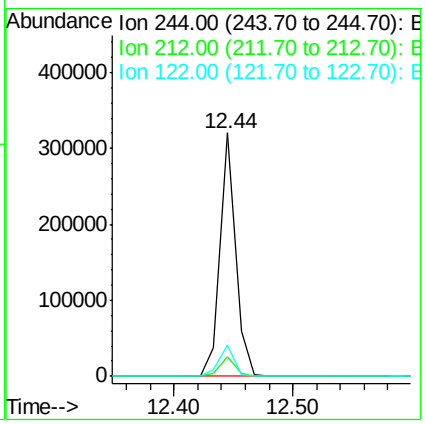


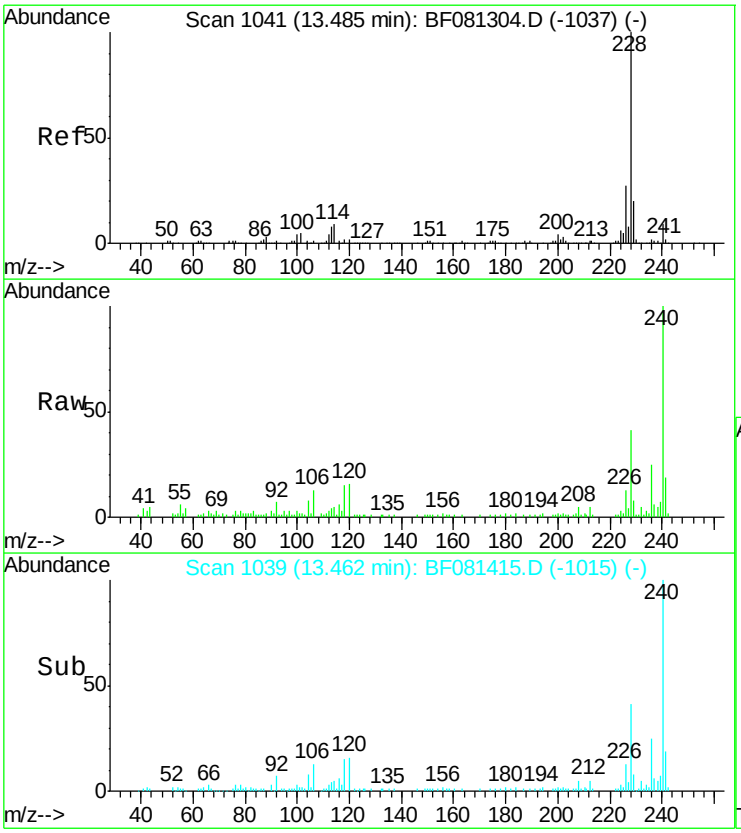
#78
Terphenyl-d14
Concen: 60.19 ng
RT: 12.44 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF081415.D
Acq: 4 Sep 2015 11:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 288141

Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.3	6.5#
122	12.8	17.4	26.2#

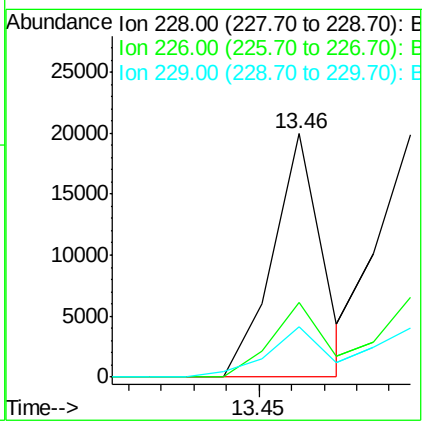


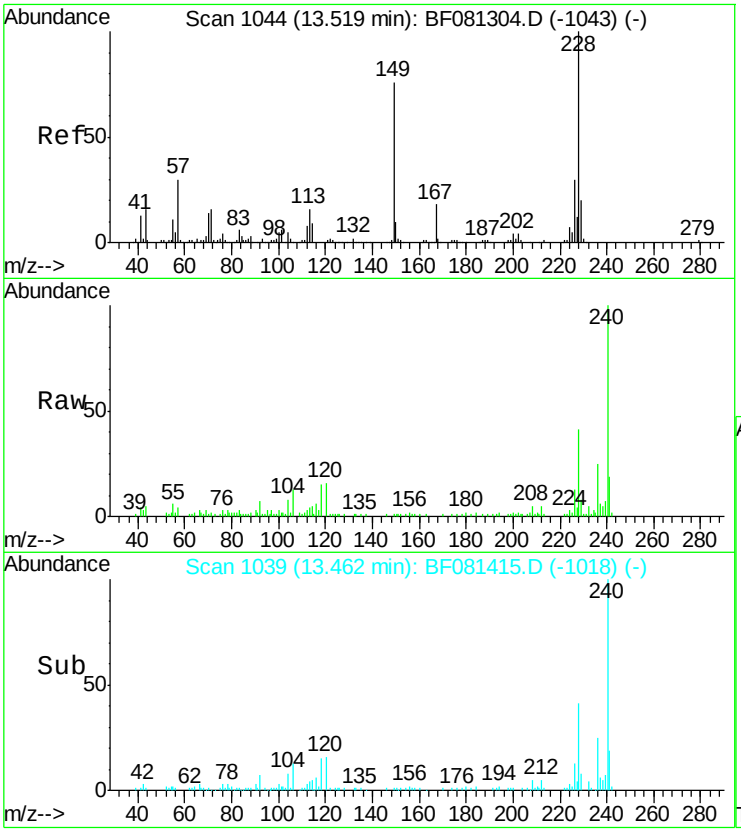


#80
Benzo(a)anthracene
Concen: 2.93 ng
RT: 13.46 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BF081415.D
Acq: 4 Sep 2015 11:30

Tgt Ion:228 Resp: 20803

Ion	Ratio	Lower	Upper
228	100		
226	30.8	20.0	30.0#
229	20.5	15.4	23.2



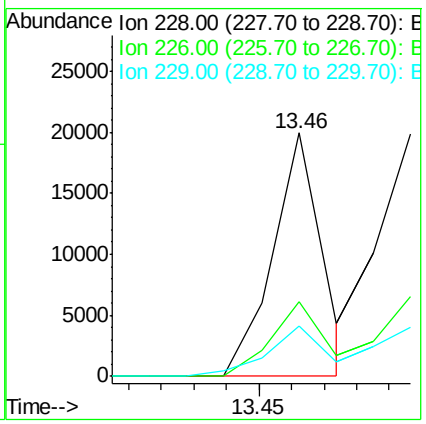


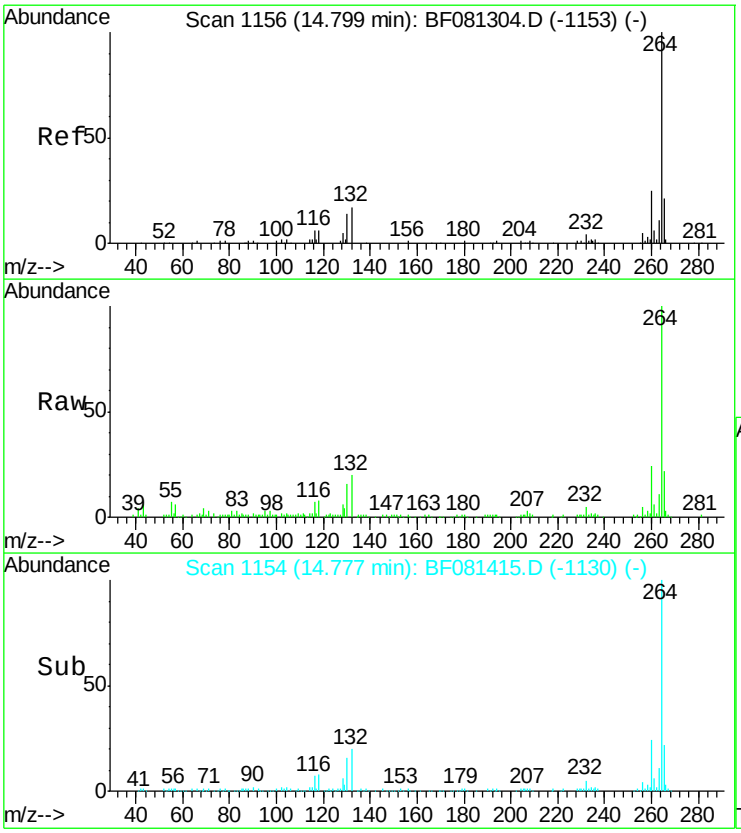
#82
Chrysene
Concen: 3.27 ng
RT: 13.46 min Scan# 1039
Delta R.T. -0.06 min
Lab File: BF081415.D
Acq: 4 Sep 2015 11:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 20803

Ion	Ratio	Lower	Upper
228	100		
226	30.8	21.0	31.4
229	20.5	15.6	23.4

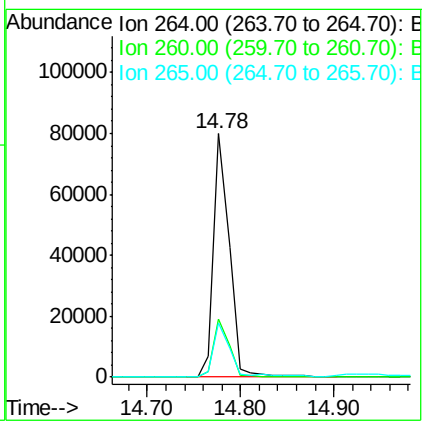


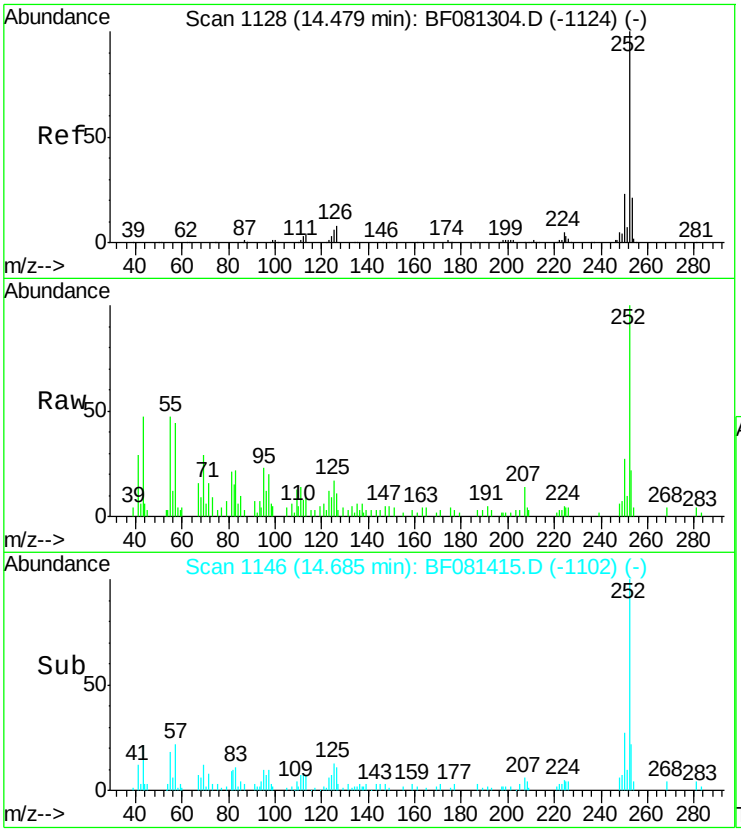


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.78 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF081415.D
Acq: 4 Sep 2015 11:30

Tgt Ion:264 Resp: 93703

Ion	Ratio	Lower	Upper
264	100		
260	23.6	16.7	25.1
265	22.4	17.2	25.8



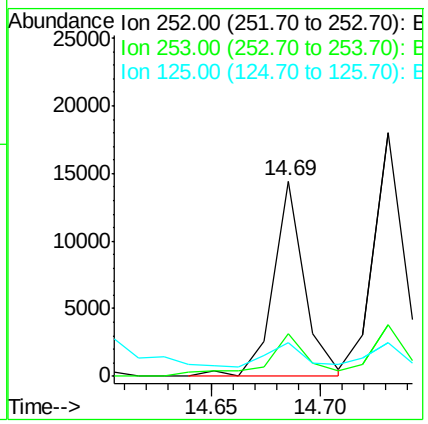


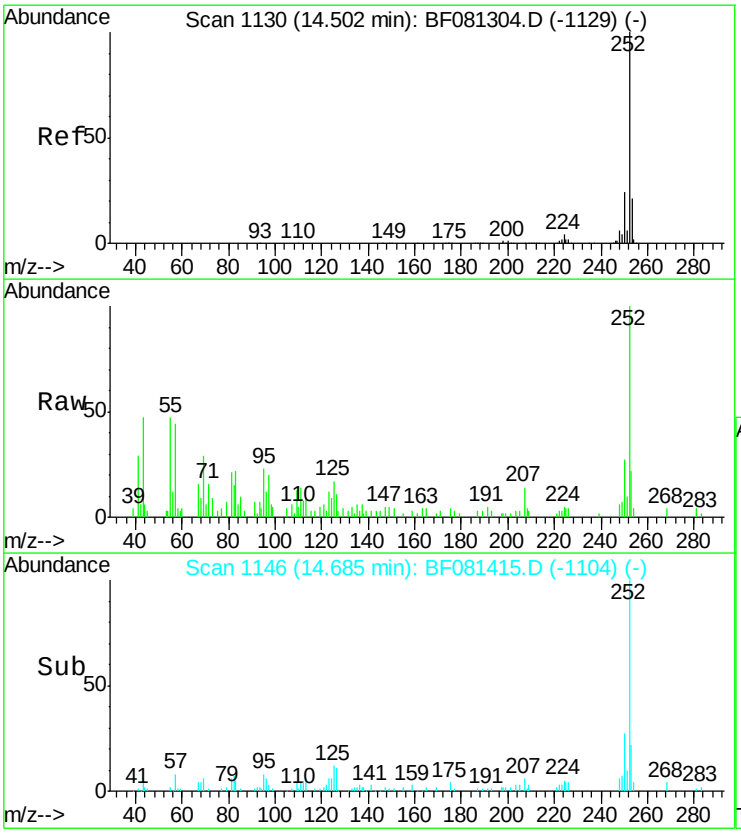
#87
Benzo(b)fluoranthene
Concen: 2.15 ng
RT: 14.69 min Scan# 1146
Delta R.T. 0.21 min
Lab File: BF081415.D
Acq: 4 Sep 2015 11:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 14362

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	17.2	17.1	25.7

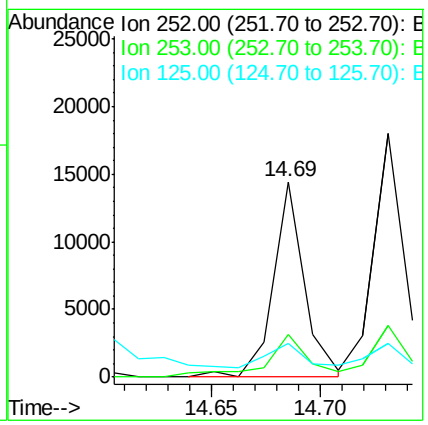


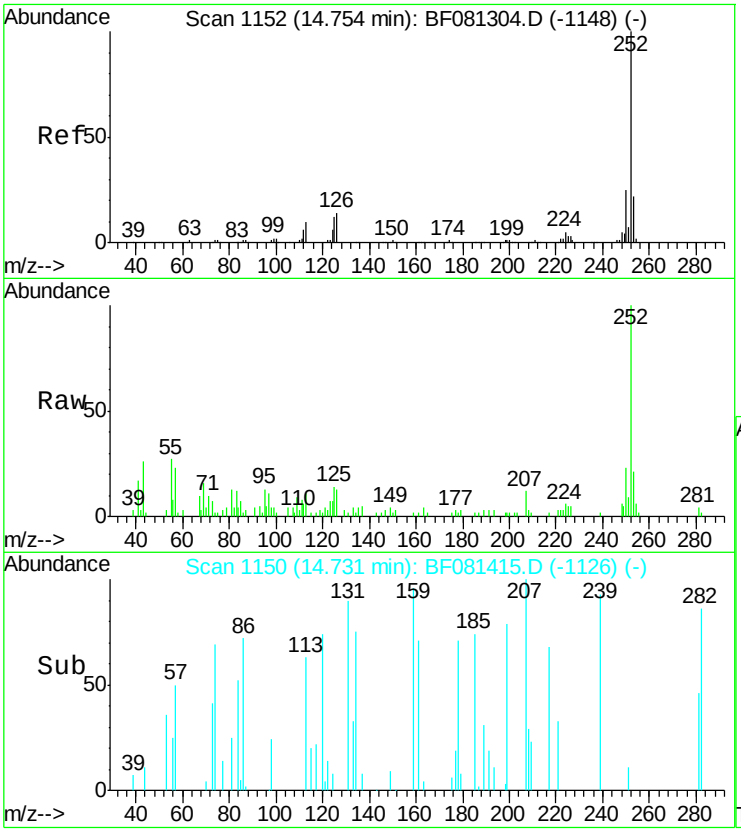


#88
Benzo(k)fluoranthene
Concen: 2.59 ng
RT: 14.69 min Scan# 1146
Delta R.T. 0.18 min
Lab File: BF081415.D
Acq: 4 Sep 2015 11:30

Tgt Ion:252 Resp: 14362

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.4
125	17.2	16.0	24.0



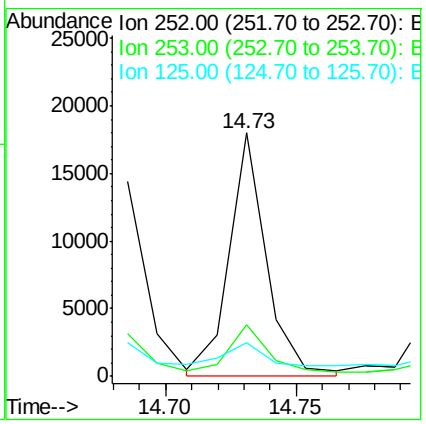


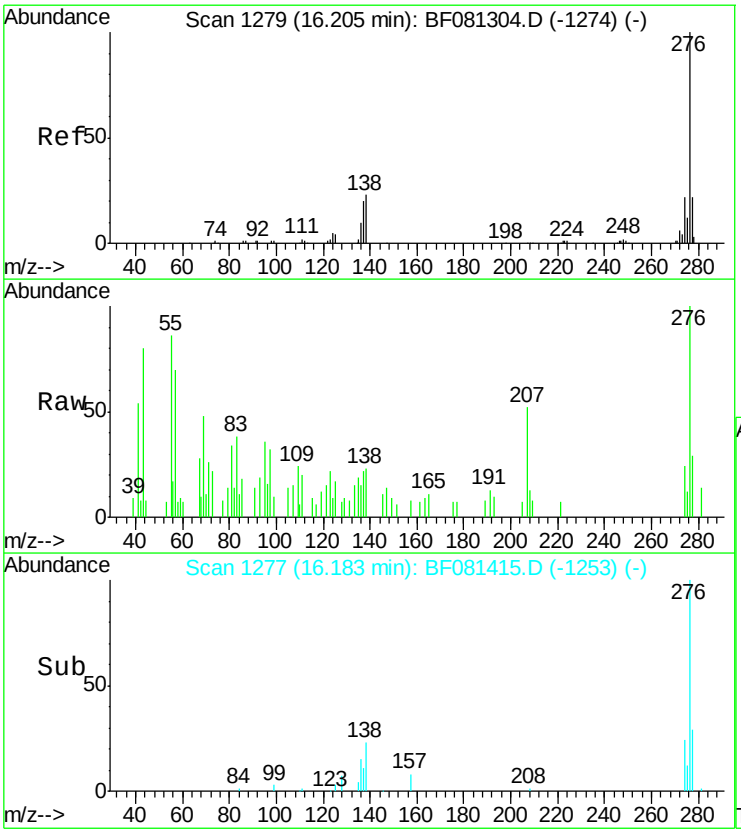
#89
Benzo(a)pyrene
Concen: 3.18 ng
RT: 14.73 min Scan# 1150
Delta R.T. -0.02 min
Lab File: BF081415.D
Acq: 4 Sep 2015 11:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 18021

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	13.8	18.0	27.0#





#91
Benzo(g,h,i)perylene
Concen: 2.13 ng
RT: 16.18 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF081415.D
Acq: 4 Sep 2015 11:30

Tgt Ion:276 Resp: 8913

Ion	Ratio	Lower	Upper
276	100		
277	29.4	17.8	26.6#
138	23.2	34.6	51.8#