Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
Data File : BF081505.D
Acq On : 6 Sep 2015 12:44
Operator : UM/IZ
Sample : G3555-11
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-1

Quant Time: Sep 07 01:57:04 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	6.35	152	52121	20.00	ng		-0.03
21) Naphthalene-d8	7.64	136	203287	20.00	ng		-0.03
38) Acenaphthene-d10	9.38	164	89185	20.00	ng		-0.03
63) Phenanthrene-d10	10.86	188	163630	20.00	ng		-0.02
75) Chrysene-d12	13.46	240	102135	20.00	ng		-0.03
86) Perylene-d12	14.77	264	90519	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	299460	89.14	ng		-0.02
7) Phenol-d6	6.02	99	388759	87.43	ng		-0.03
23) Nitrobenzene-d5	6.94	82	299548	71.09	ng		-0.03
41) 2,4,6-Tribromophenol	10.17	330	76955	96.91	ng		-0.03
44) 2-Fluorobiphenyl	8.73	172	456936	65.66	ng		-0.03
78) Terphenyl-d14	12.43	244	272758	62.17	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.94	70	40974	13.54	ng	#	62
49) Dimethylphthalate	9.13	163	82982	11.98	ng	#	97
55) 4-Nitrophenol	9.59	139	5229	4.65	ng	#	25
56) 2,4-Dinitrotoluene	9.38	165	11866	5.93	ng	#	31
66) 4-Bromophenyl-phenylether	10.17	248	5781	3.49	ng	#	1
70) Phenanthrene	10.88	178	255004	28.03	ng		97
71) Anthracene	10.92	178	50083	5.36	ng		99
72) Carbazole	11.08	167	18267	2.08	ng	#	92
74) Fluoranthene	12.05	202	262818	26.69	ng		90
77) Pyrene	12.27	202	265529	35.10	ng		98
80) Benzo(a)anthracene	13.45	228	112172	17.25	ng		97
82) Chrysene	13.45	228	112172	19.24	ng		99
85) Indeno(1,2,3-cd)pyrene	15.84	276	39743	9.29	ng	#	80
87) Benzo(b)fluoranthene	14.45	252	114116	17.66	ng	#	86
88) Benzo(k)fluoranthene	14.45	252	114116	21.28	ng	#	88
89) Benzo(a)pyrene	14.72	252	65403	11.94	ng	#	83
91) Benzo(g,h,i)perylene	16.15	276	34397	8.52	ng	#	78

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

Quantitation Report (Not Reviewed)

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Acq On : 6 Sep 2015 12:44
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Misc :
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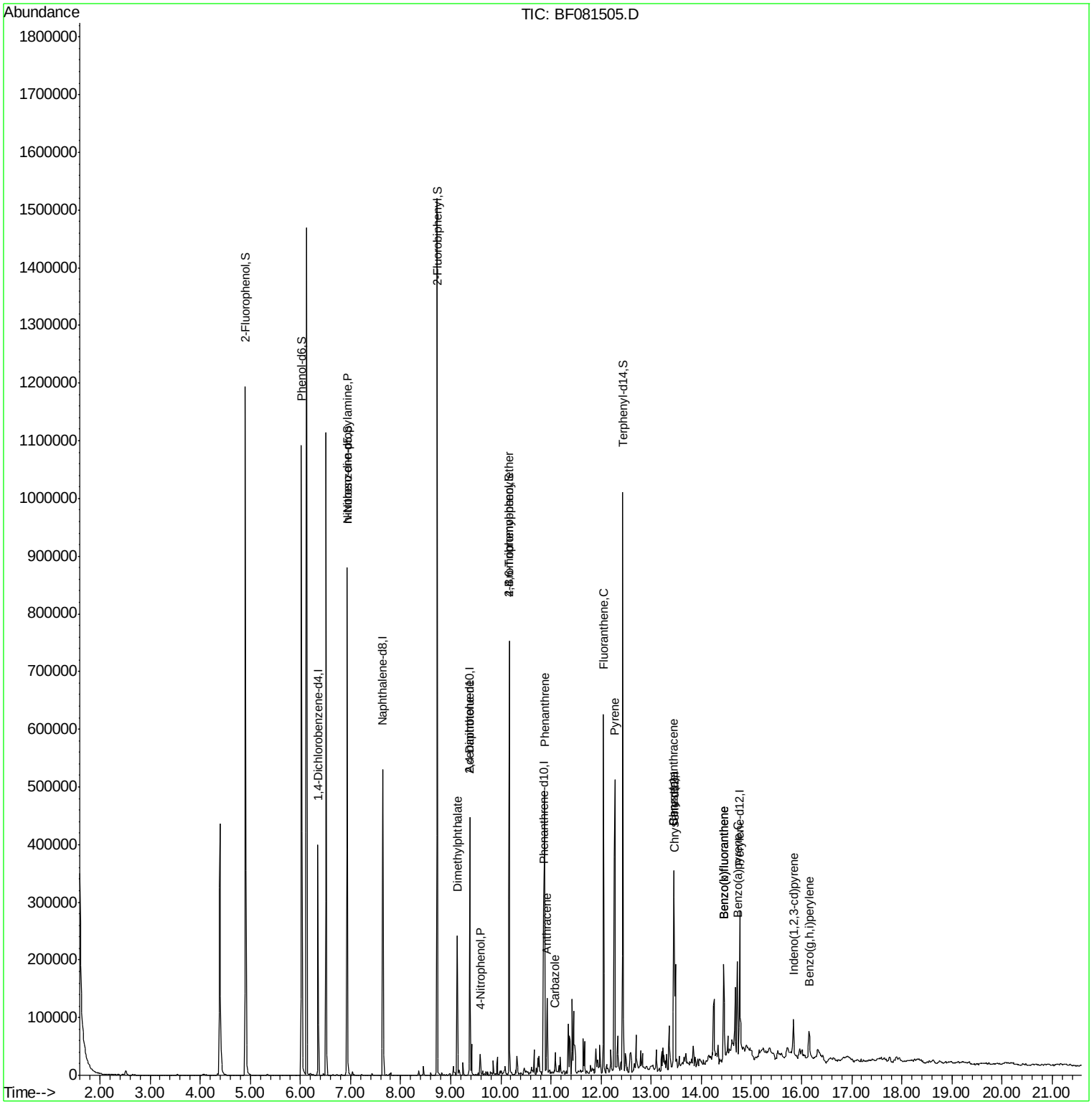
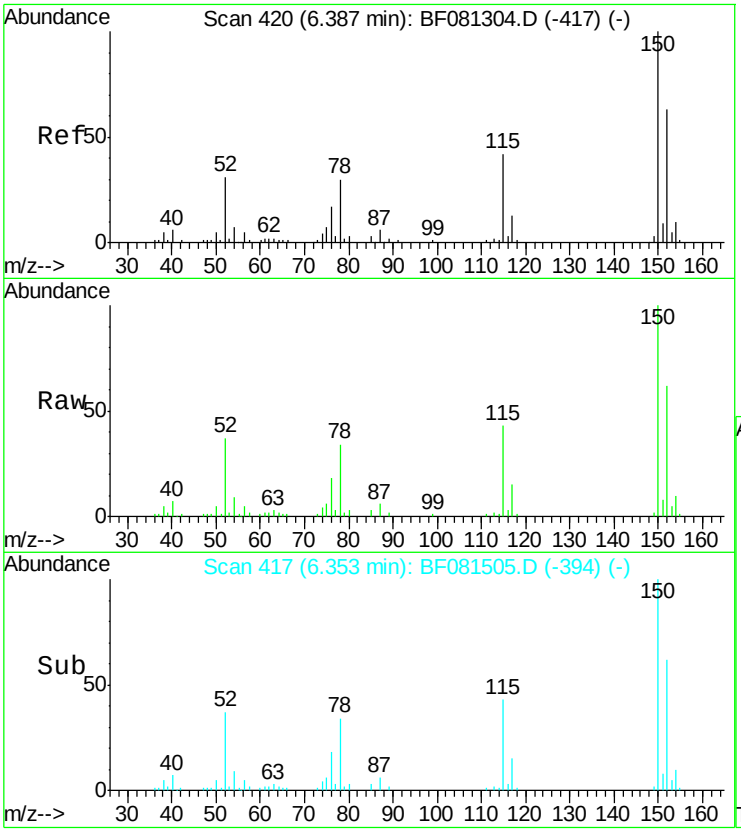
QLast Update : Tue Sep 01 17:35:35 2015
Response via : Initial Calibration



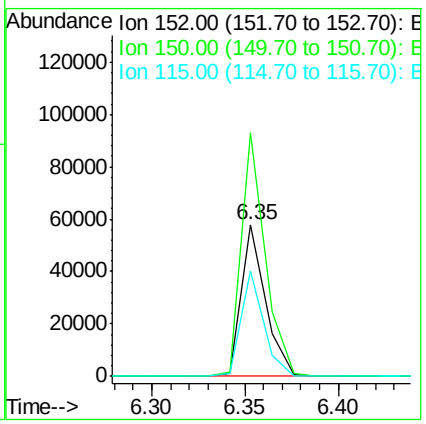


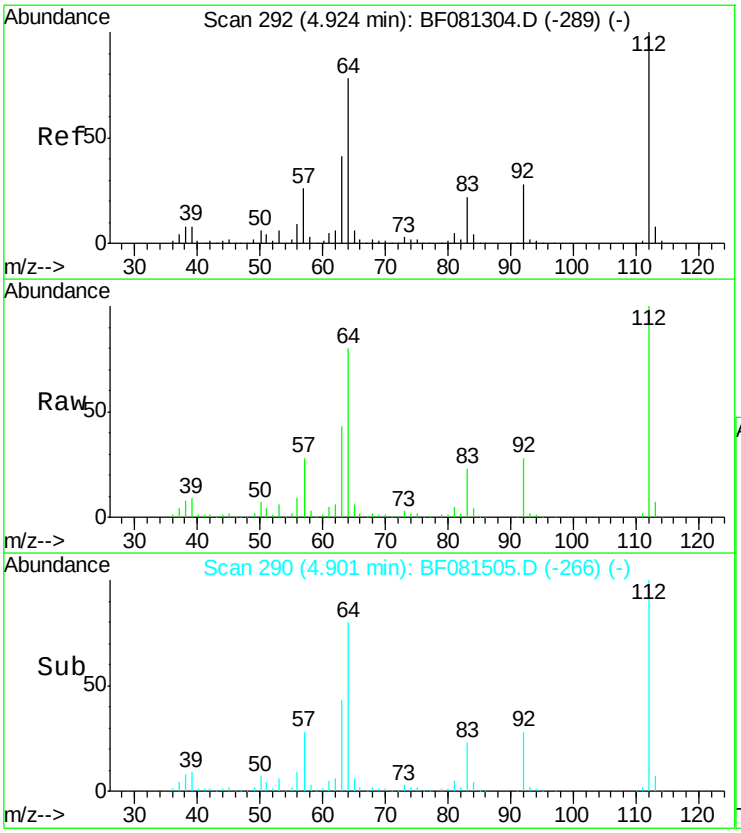
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF081505.D
Acq: 6 Sep 2015 12:44

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:152 Resp: 52121

Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.7	187.1
115	69.6	39.0	58.4#

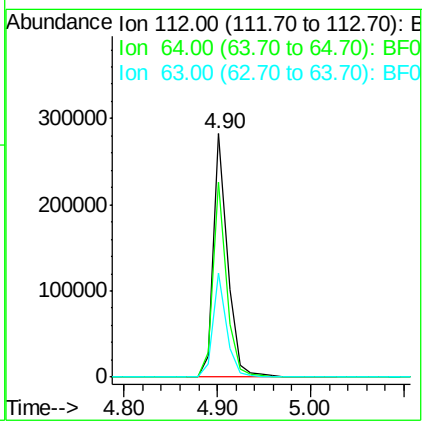


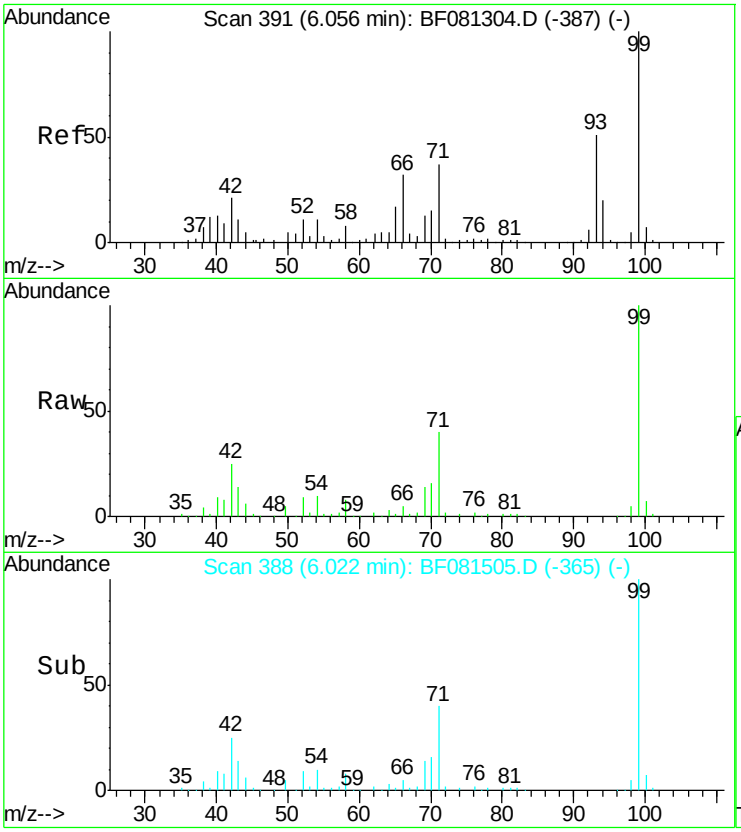


#5
2-Fluorophenol
Concen: 89.14 ng
RT: 4.90 min Scan# 290
Delta R.T. -0.02 min
Lab File: BF081505.D
Acq: 6 Sep 2015 12:44

Tgt Ion:112 Resp: 299460

Ion	Ratio	Lower	Upper
112	100		
64	80.0	39.7	59.5#
63	42.6	17.4	26.0#



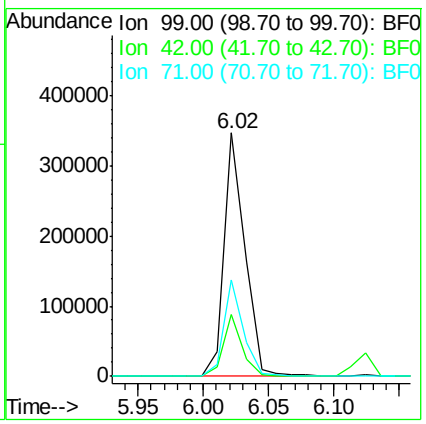


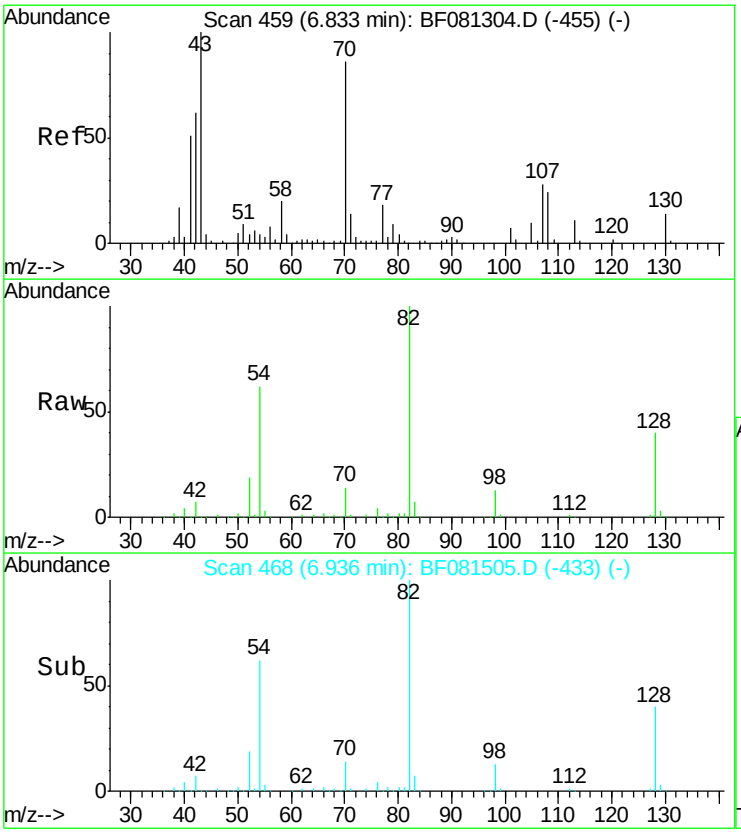
#7
Phenol-d6
Concen: 87.43 ng
RT: 6.02 min Scan# 388
Delta R.T. -0.03 min
Lab File: BF081505.D
Acq: 6 Sep 2015 12:44

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion: 99 Resp: 388759

Ion	Ratio	Lower	Upper
99	100		
42	25.3	13.7	20.5#
71	39.6	14.2	21.2#

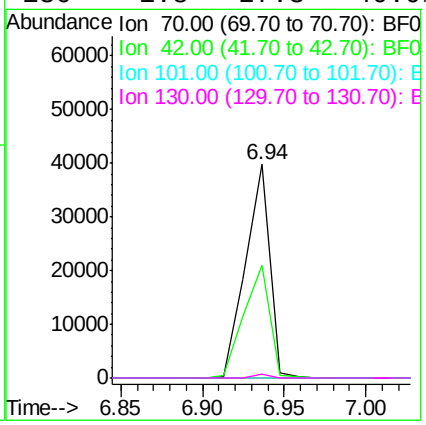


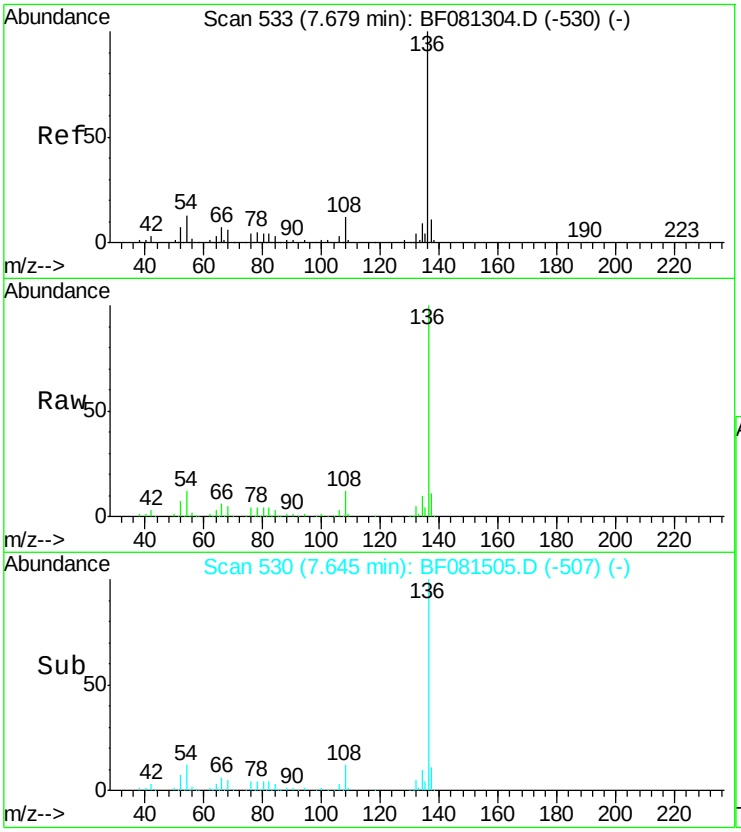


#19
n-Nitroso-di-n-propylamine
Concen: 13.54 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.10 min
Lab File: BF081505.D
Acq: 6 Sep 2015 12:44

Tgt Ion: 70 Resp: 40974

Ion	Ratio	Lower	Upper
70	100		
42	52.6	63.8	95.6#
101	0.0	9.2	13.8#
130	1.8	27.3	40.9#



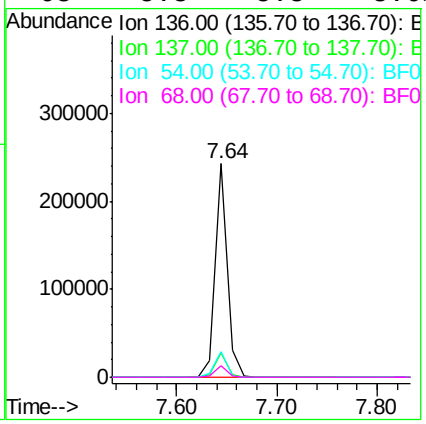


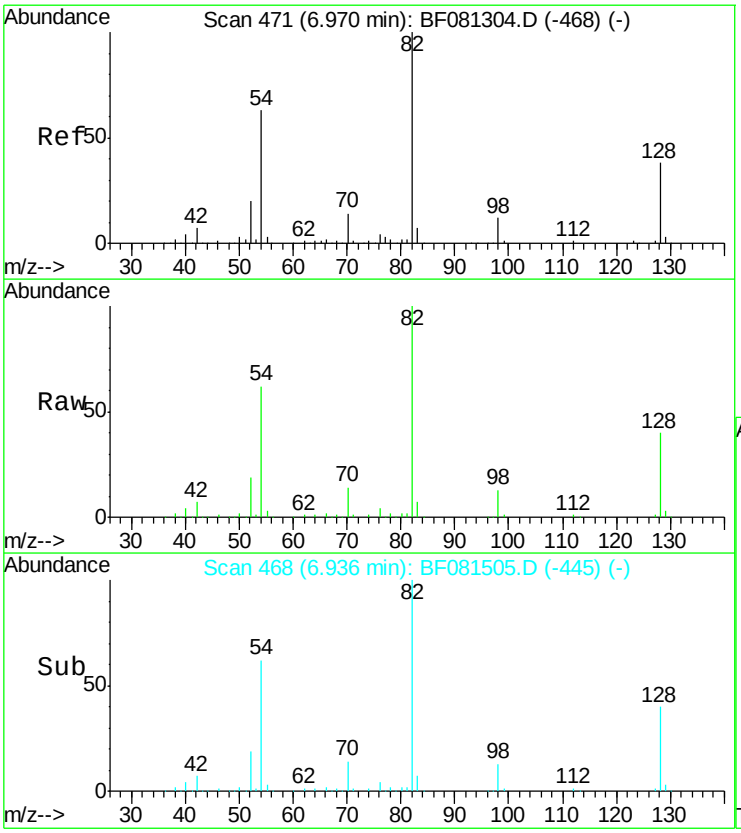
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.03 min
Lab File: BF081505.D
Acq: 6 Sep 2015 12:44

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:136 Resp: 203287

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	12.2	8.2	12.2
68	5.3	5.8	8.6#

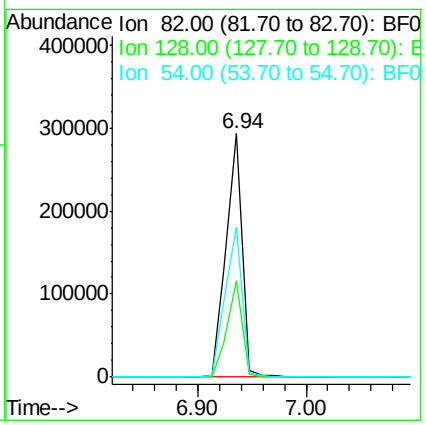


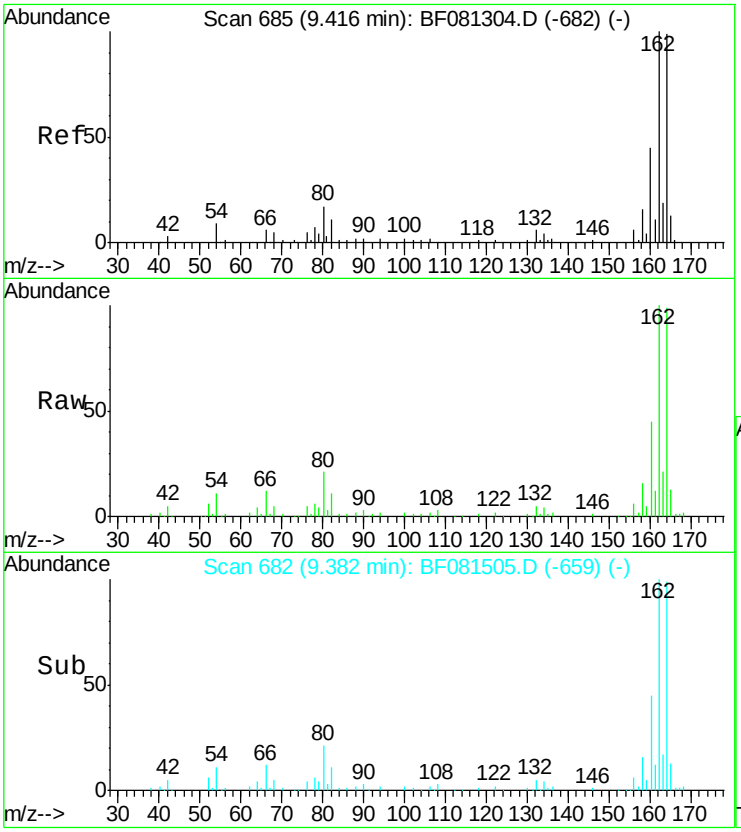


#23
Nitrobenzene-d5
Concen: 71.09 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.03 min
Lab File: BF081505.D
Acq: 6 Sep 2015 12:44

Tgt Ion: 82 Resp: 299548

Ion	Ratio	Lower	Upper
82	100		
128	39.9	51.0	76.6#
54	61.8	47.5	71.3



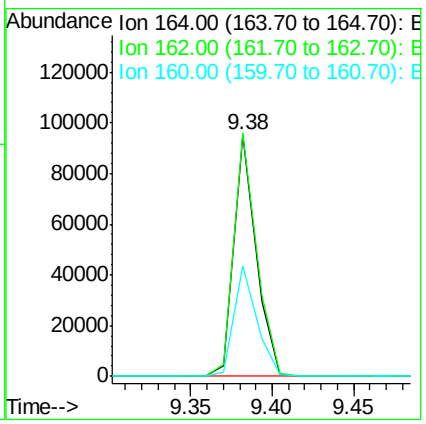


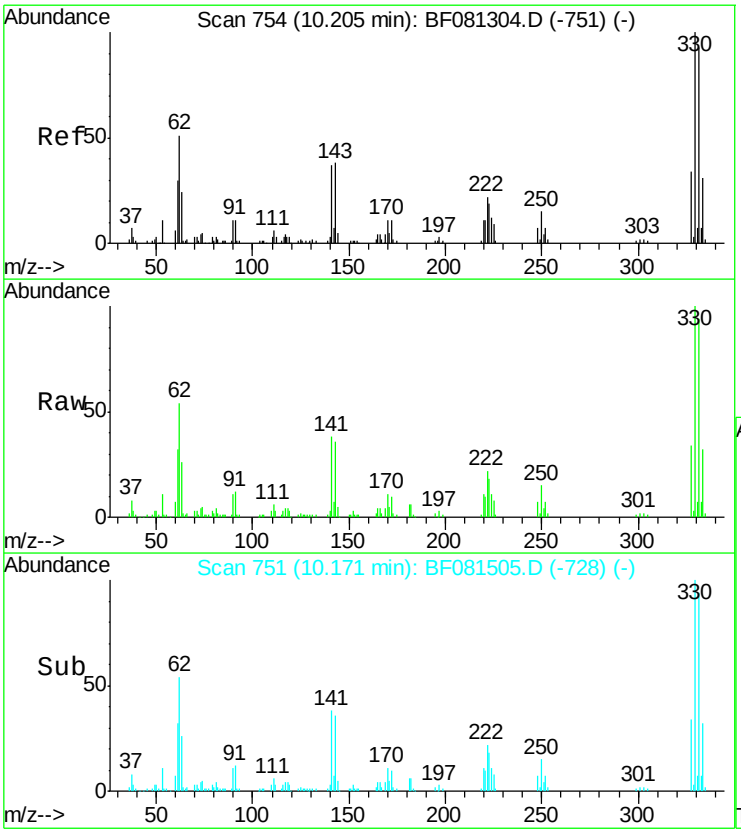
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF081505.D
Acq: 6 Sep 2015 12:44

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:164 Resp: 89185

Ion	Ratio	Lower	Upper
164	100		
162	101.0	75.2	112.8
160	45.7	31.5	47.3

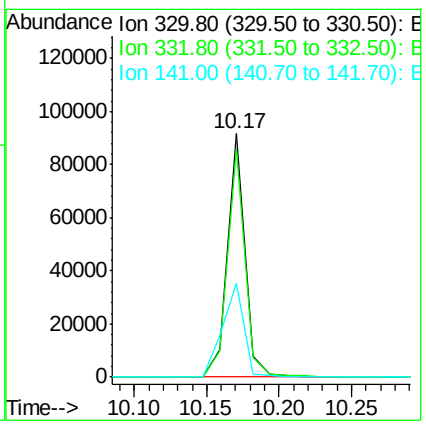


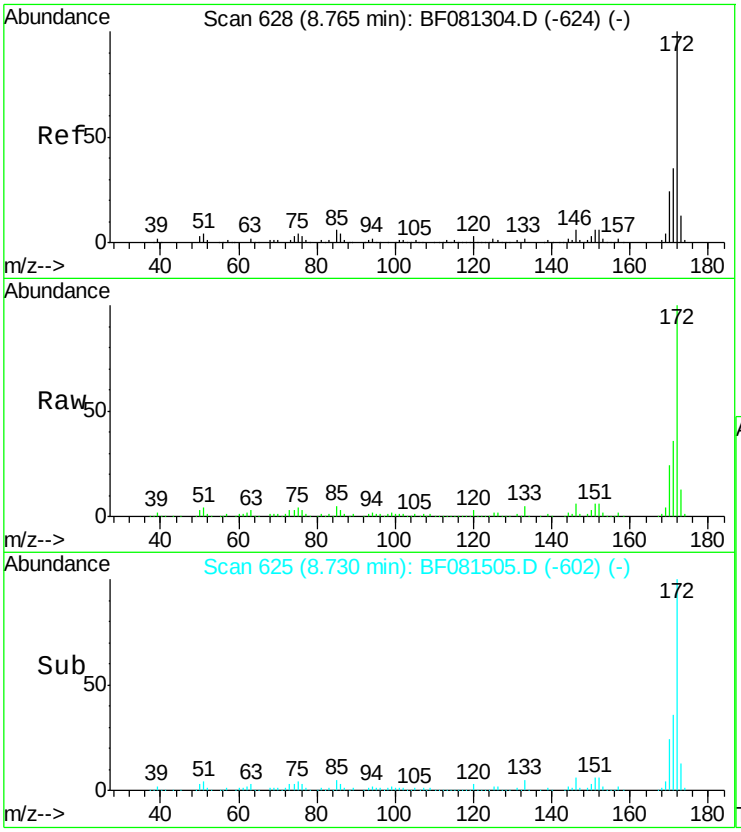


#41
2,4,6-Tribromophenol
Concen: 96.91 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.03 min
Lab File: BF081505.D
Acq: 6 Sep 2015 12:44

Tgt Ion:330 Resp: 76955

Ion	Ratio	Lower	Upper
330	100		
332	93.9	76.6	114.8
141	47.5	29.7	44.5#



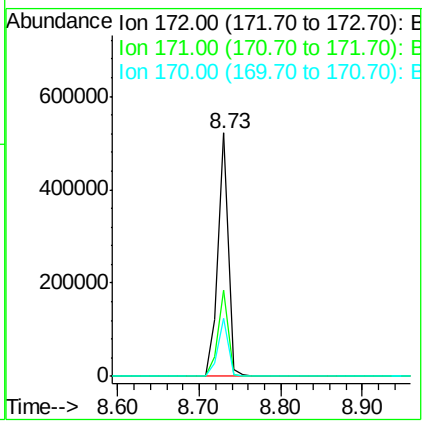


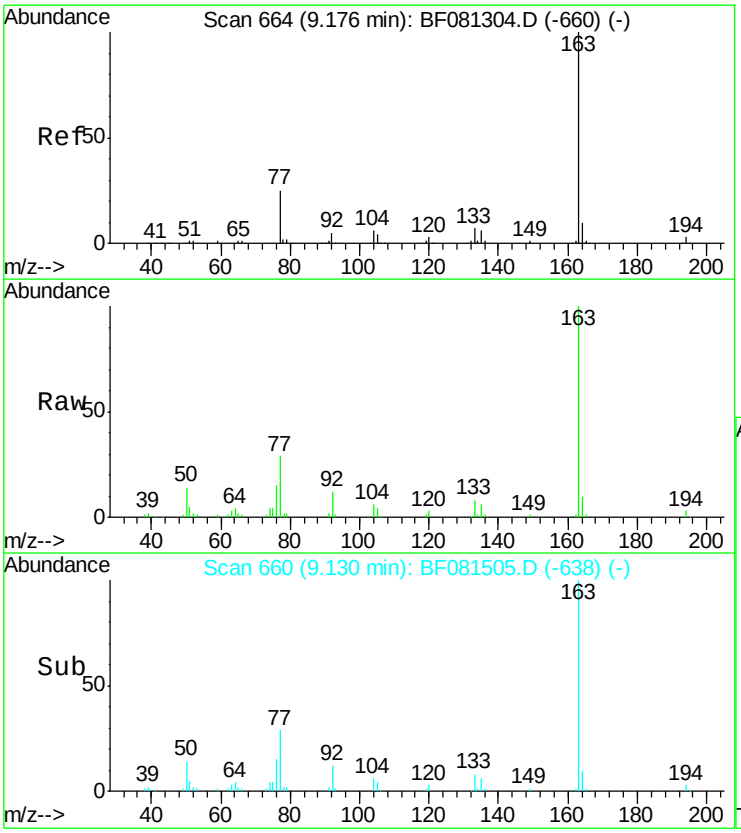
#44
2-Fluorobiphenyl
Concen: 65.66 ng
RT: 8.73 min Scan# 625
Delta R.T. -0.03 min
Lab File: BF081505.D
Acq: 6 Sep 2015 12:44

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:172 Resp: 456936

Ion	Ratio	Lower	Upper
172	100		
171	35.5	26.1	39.1
170	23.7	17.4	26.2

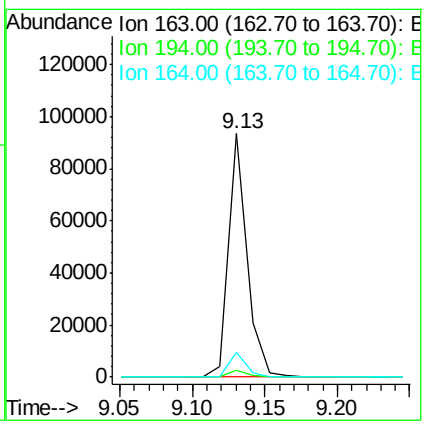


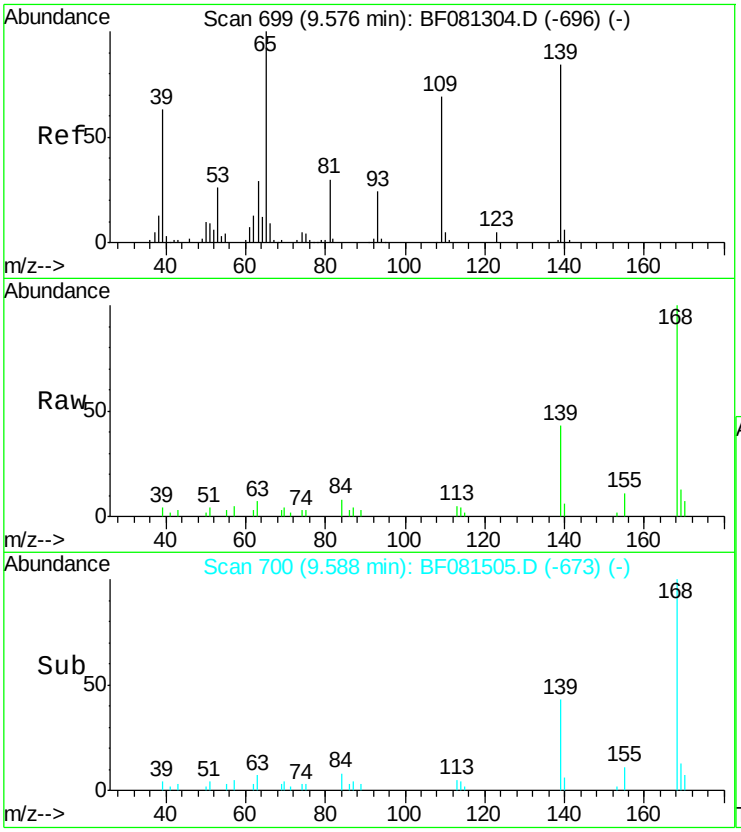


#49
Dimethylphthalate
Concen: 11.98 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF081505.D
Acq: 6 Sep 2015 12:44

Tgt Ion:163 Resp: 82982

Ion	Ratio	Lower	Upper
163	100		
194	2.9	4.4	6.6#
164	10.4	8.3	12.5



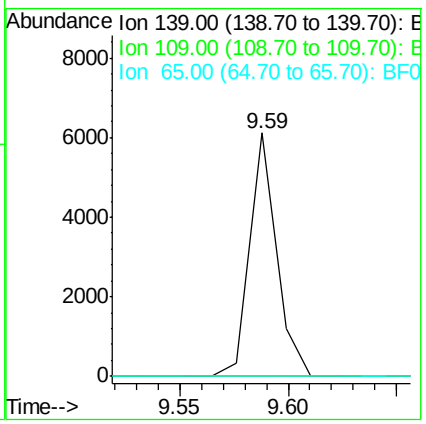


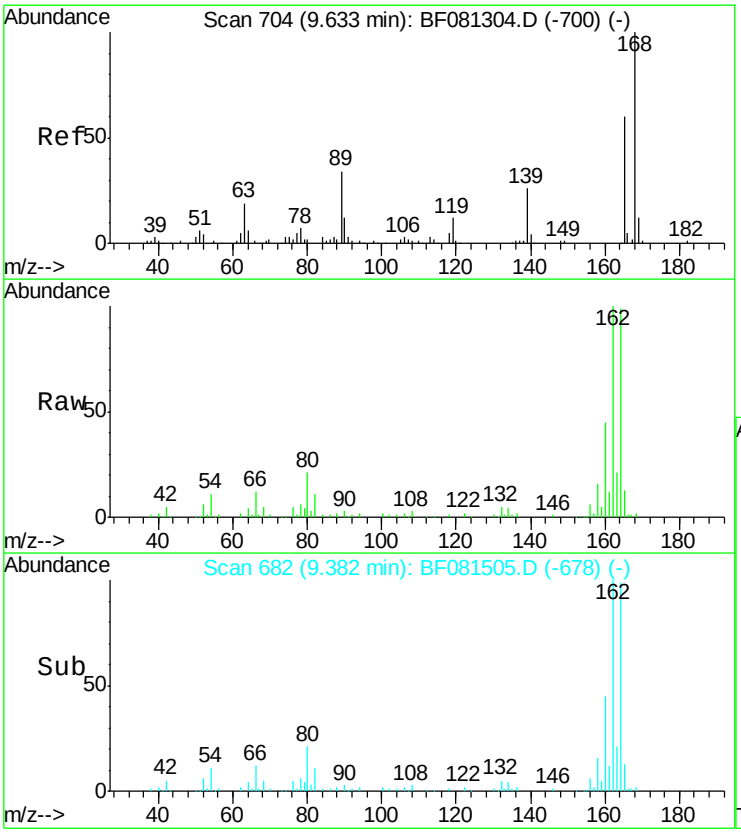
#55
4-Nitrophenol
Concen: 4.65 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF081505.D
Acq: 6 Sep 2015 12:44

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:139 Resp: 5229

Ion	Ratio	Lower	Upper
139	100		
109	0.0	12.7	52.7#
65	0.0	45.9	85.9#

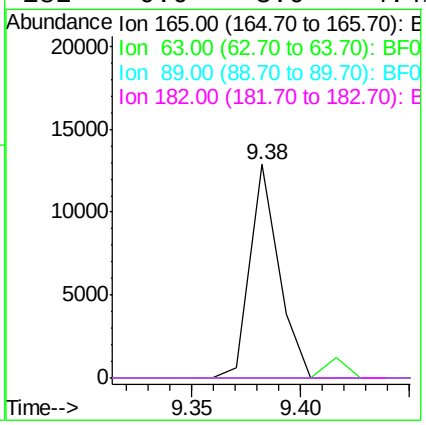


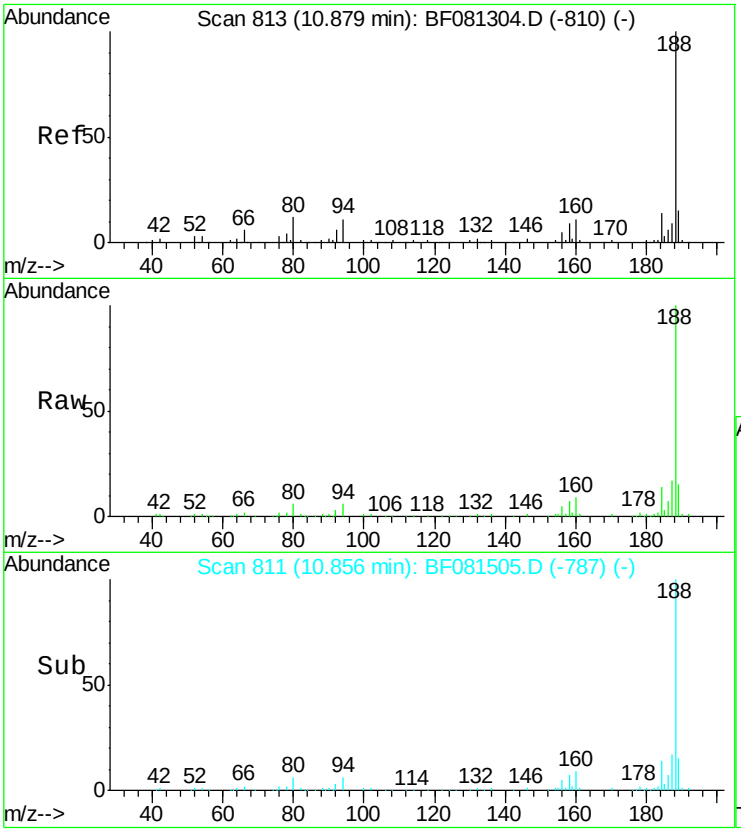


#56
2,4-Dinitrotoluene
Concen: 5.93 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.25 min
Lab File: BF081505.D
Acq: 6 Sep 2015 12:44

Tgt Ion:165 Resp: 11866

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#



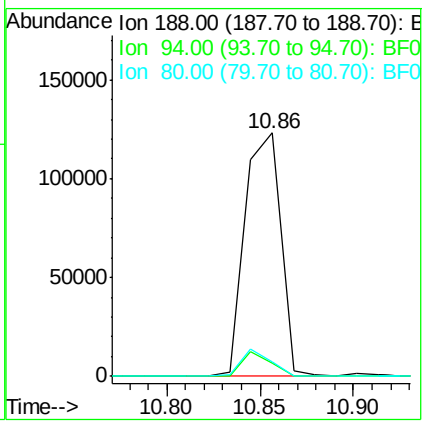


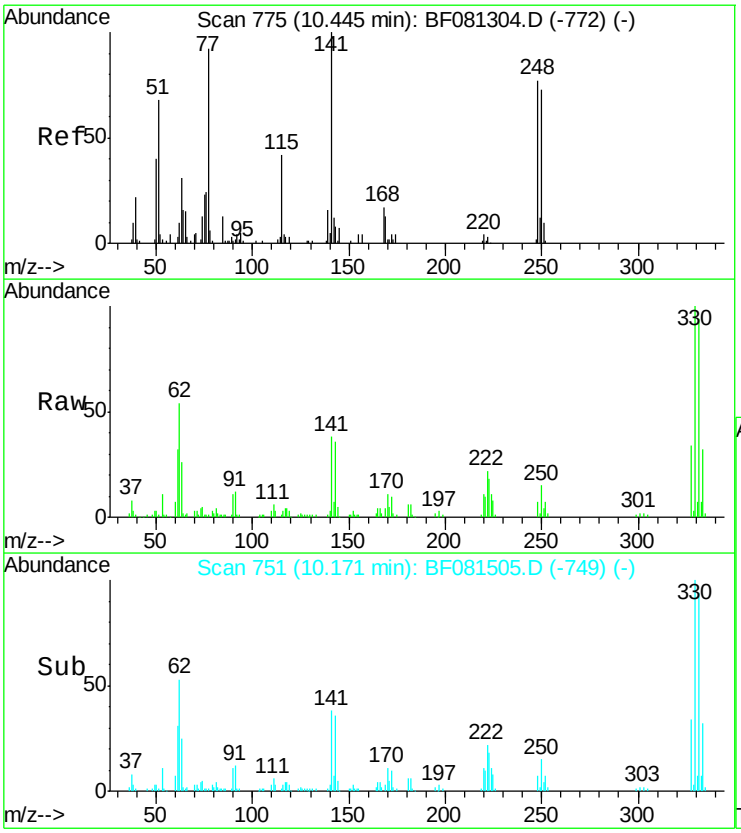
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF081505.D
Acq: 6 Sep 2015 12:44

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:188 Resp: 163630

Ion	Ratio	Lower	Upper
188	100		
94	5.5	11.1	16.7#
80	5.7	11.0	16.4#

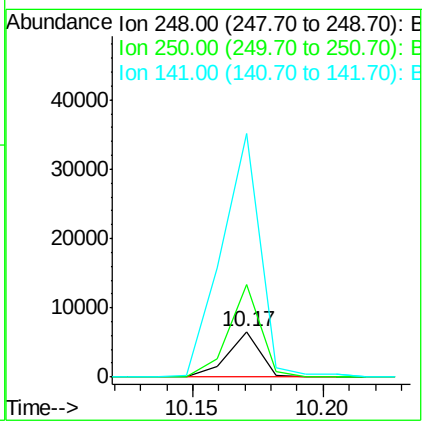


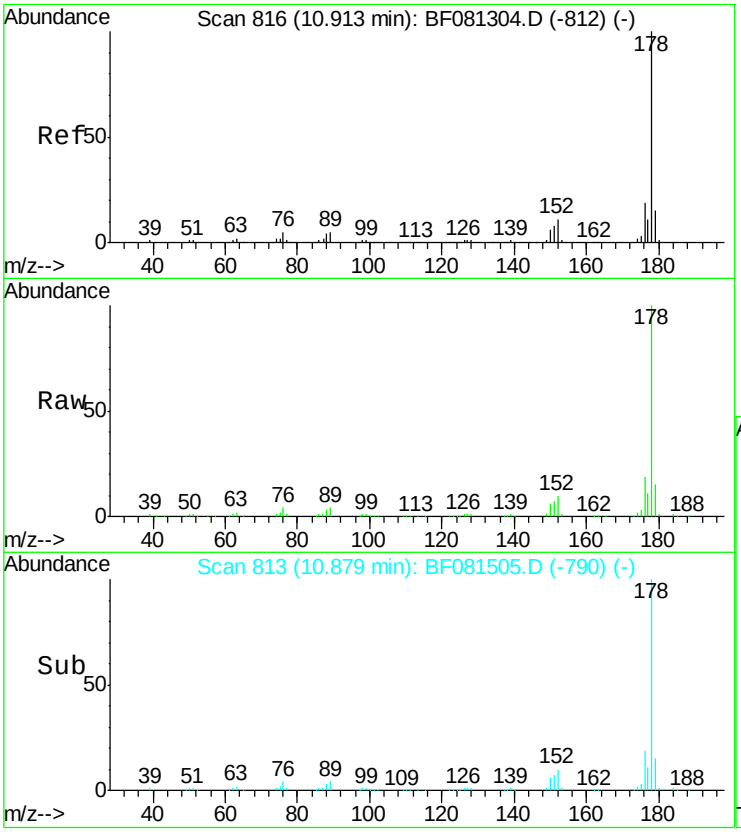


#66
4-Bromophenyl-phenylether
Concen: 3.49 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.27 min
Lab File: BF081505.D
Acq: 6 Sep 2015 12:44

Tgt Ion:248 Resp: 5781

Ion	Ratio	Lower	Upper
248	100		
250	203.6	78.5	117.7#
141	535.5	59.0	88.6#



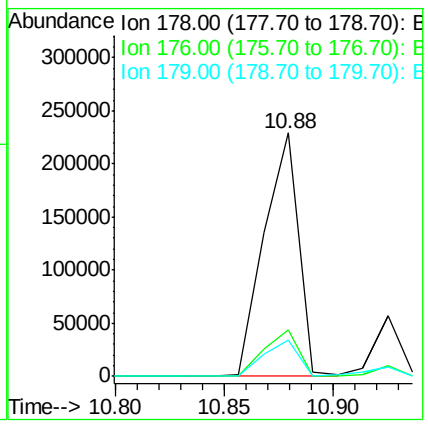


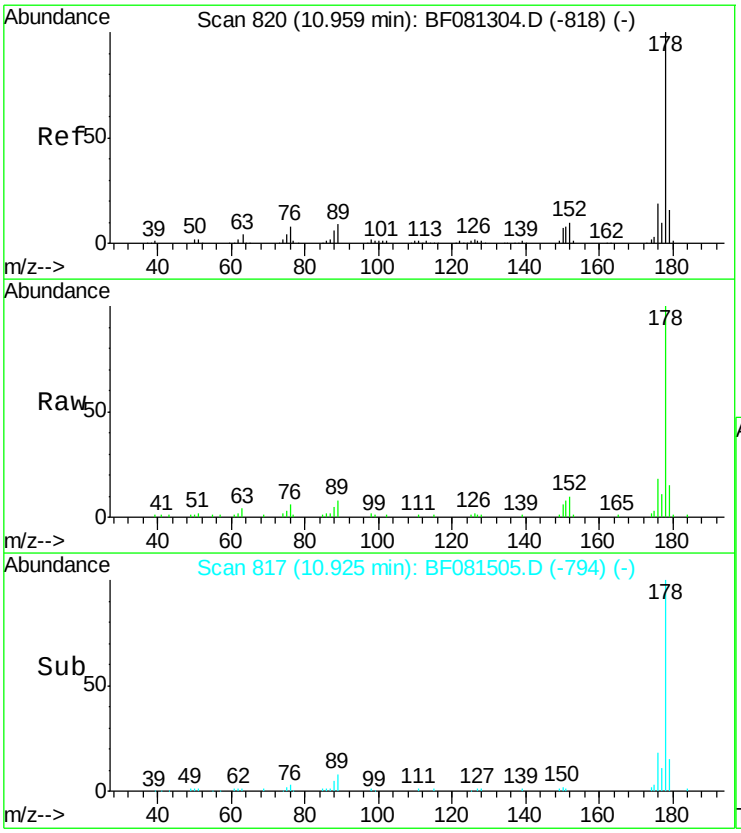
#70
Phenanthrene
Concen: 28.03 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF081505.D
Acq: 6 Sep 2015 12:44

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:178 Resp: 255004

Ion	Ratio	Lower	Upper
178	100		
176	19.2	13.8	20.8
179	14.9	12.2	18.2

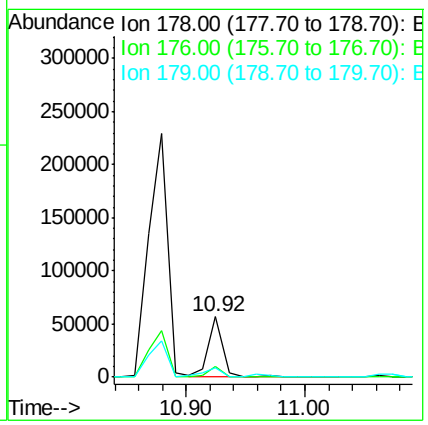


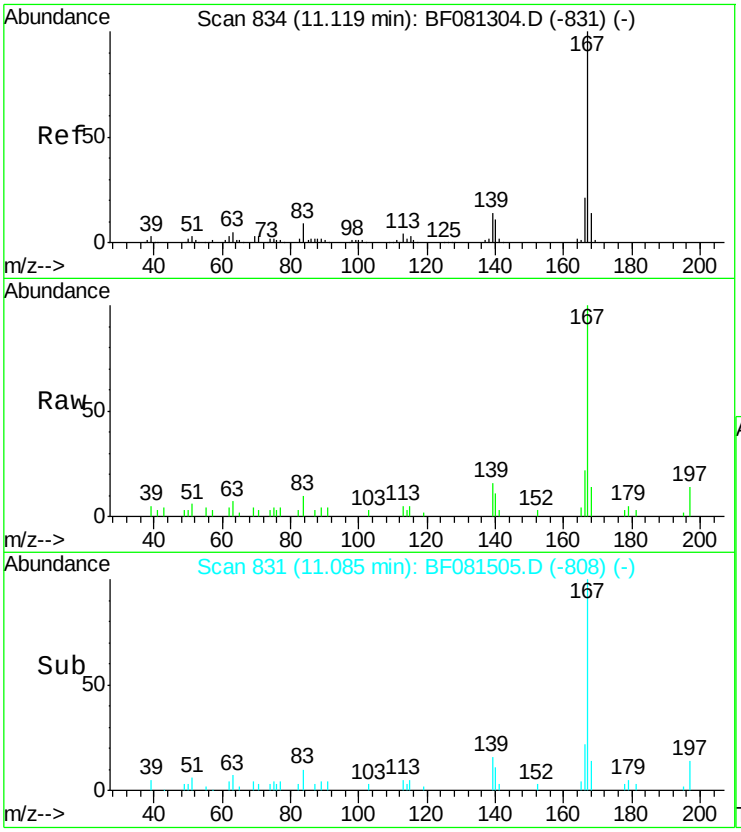


#71
Anthracene
Concen: 5.36 ng
RT: 10.92 min Scan# 817
Delta R.T. -0.03 min
Lab File: BF081505.D
Acq: 6 Sep 2015 12:44

Tgt Ion:178 Resp: 50083

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.1	21.1
179	15.1	12.2	18.2



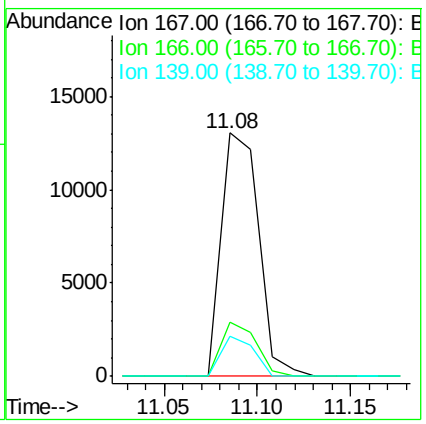


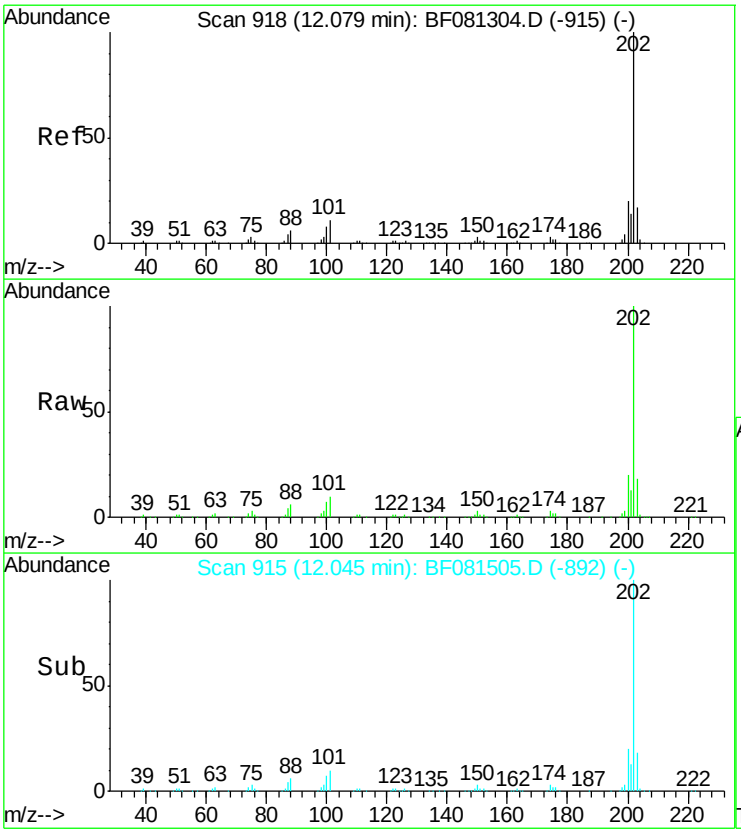
#72
Carbazole
Concen: 2.08 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.03 min
Lab File: BF081505.D
Acq: 6 Sep 2015 12:44

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:167 Resp: 18267

Ion	Ratio	Lower	Upper
167	100		
166	22.1	15.7	23.5
139	16.4	9.5	14.3#

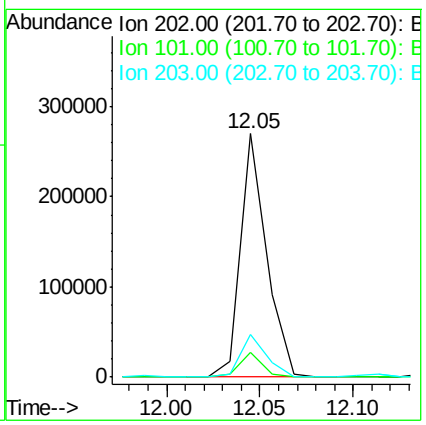


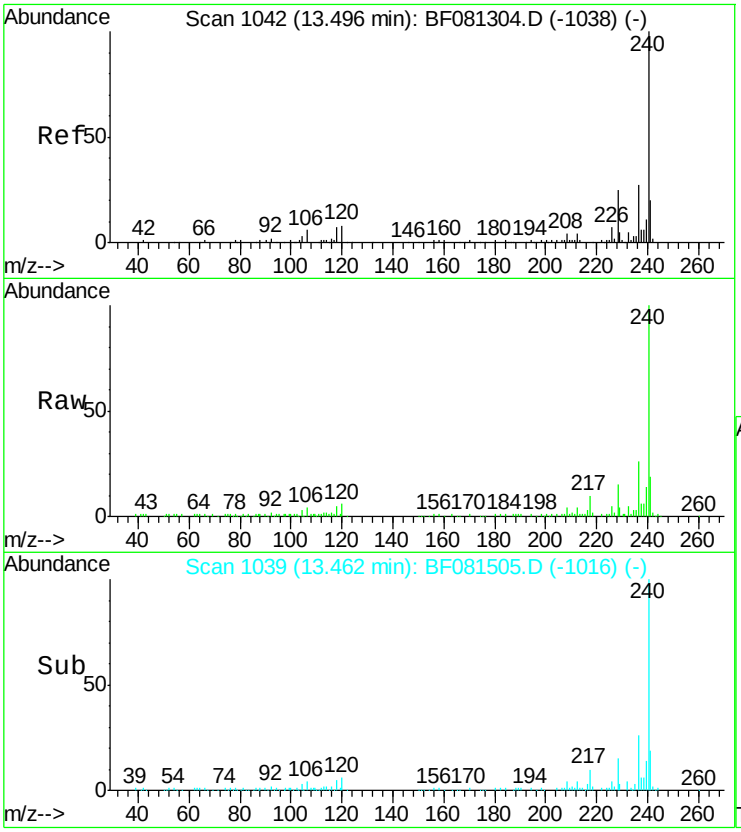


#74
Fluoranthene
Concen: 26.69 ng
RT: 12.05 min Scan# 915
Delta R.T. -0.03 min
Lab File: BF081505.D
Acq: 6 Sep 2015 12:44

Tgt Ion:202 Resp: 262818

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	38.3
203	17.6	0.0	37.3



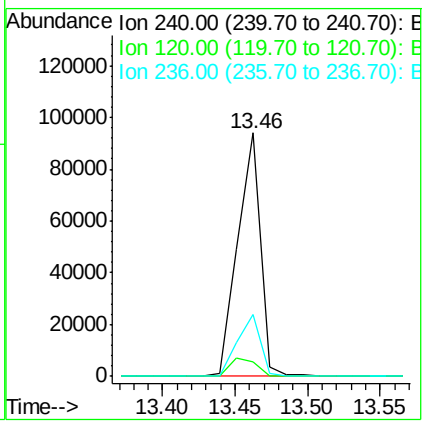


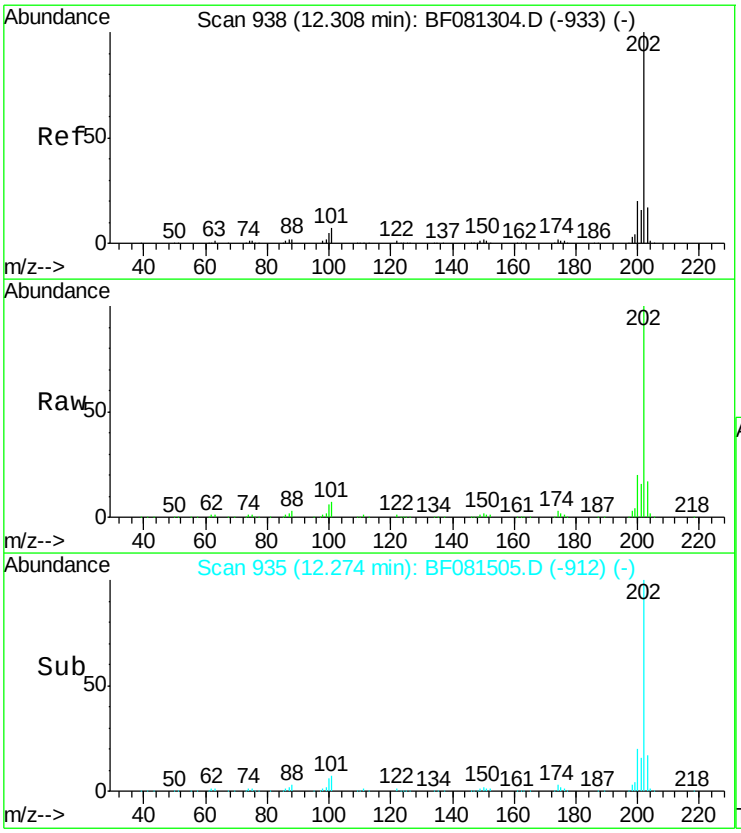
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.46 min Scan# 1039
Delta R.T. -0.03 min
Lab File: BF081505.D
Acq: 6 Sep 2015 12:44

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:240 Resp: 102135

Ion	Ratio	Lower	Upper
240	100		
120	6.0	16.2	24.2#
236	25.6	18.4	27.6

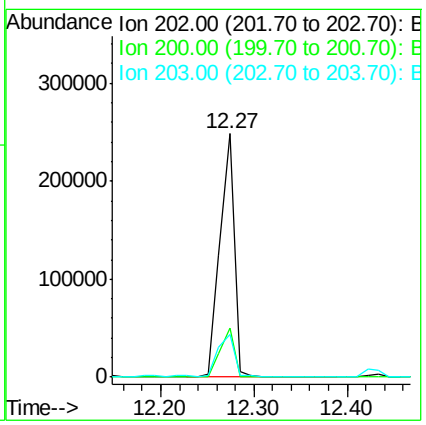


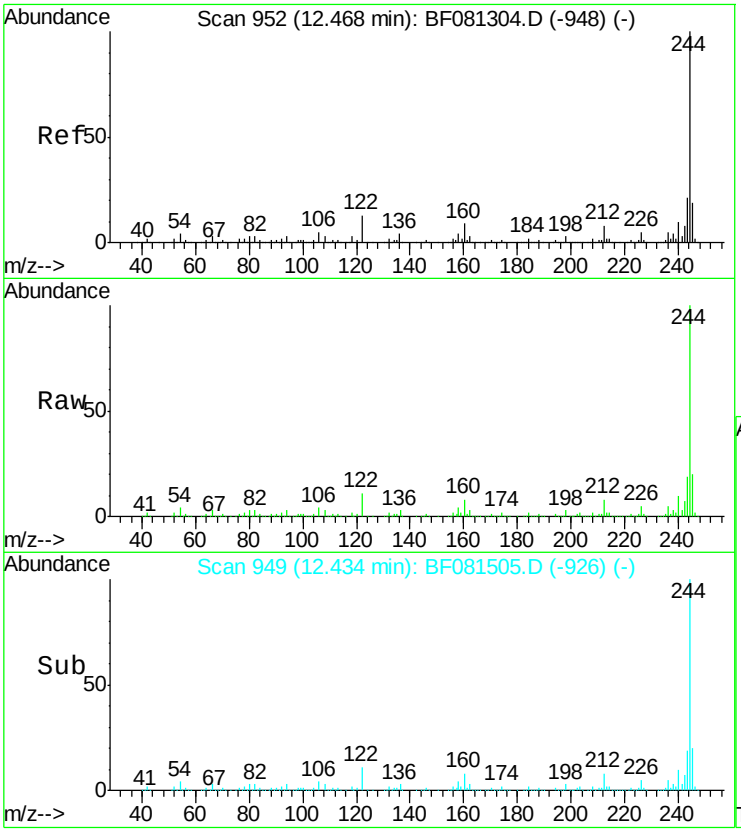


#77
Pyrene
Concen: 35.10 ng
RT: 12.27 min Scan# 935
Delta R.T. -0.03 min
Lab File: BF081505.D
Acq: 6 Sep 2015 12:44

Tgt Ion:202 Resp: 265529

Ion	Ratio	Lower	Upper
202	100		
200	20.3	15.0	22.4
203	17.5	14.1	21.1



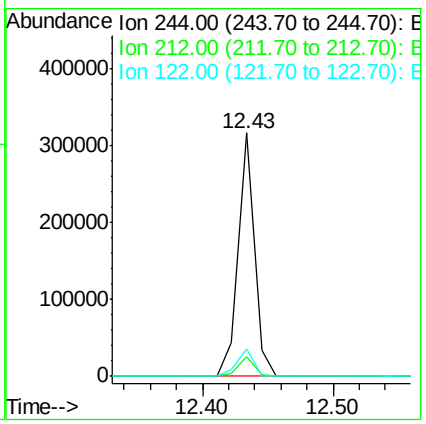


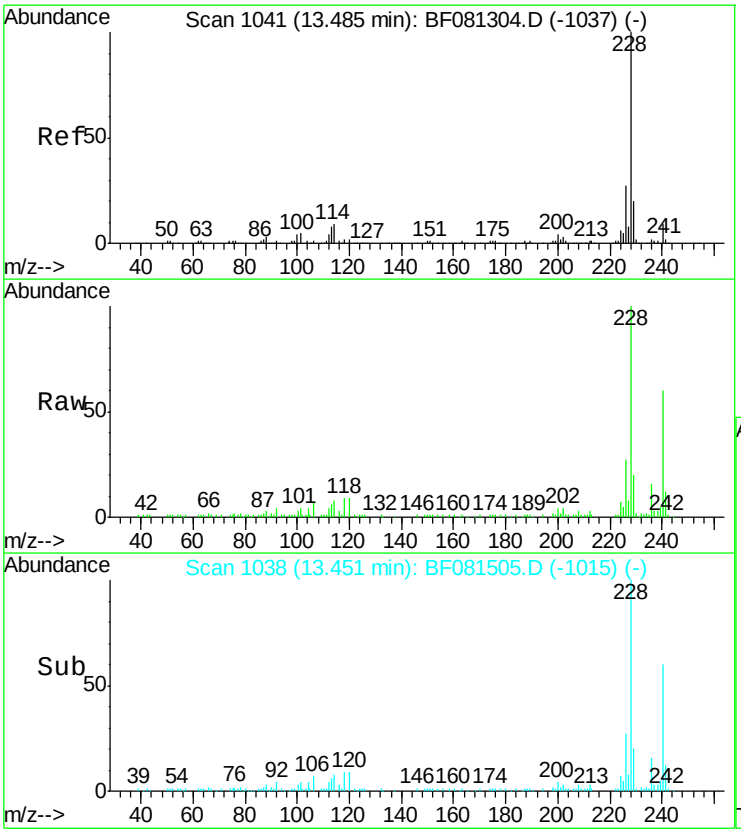
#78
Terphenyl-d14
Concen: 62.17 ng
RT: 12.43 min Scan# 949
Delta R.T. -0.03 min
Lab File: BF081505.D
Acq: 6 Sep 2015 12:44

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:244 Resp: 272758

Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.3	6.5#
122	11.5	17.4	26.2#

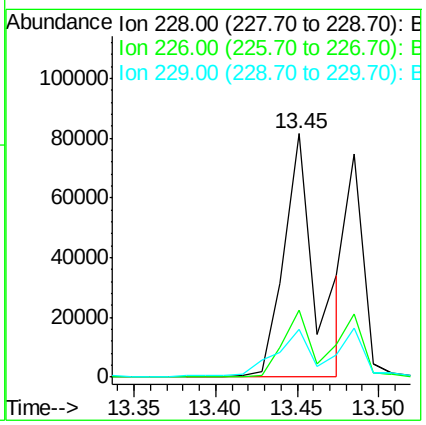


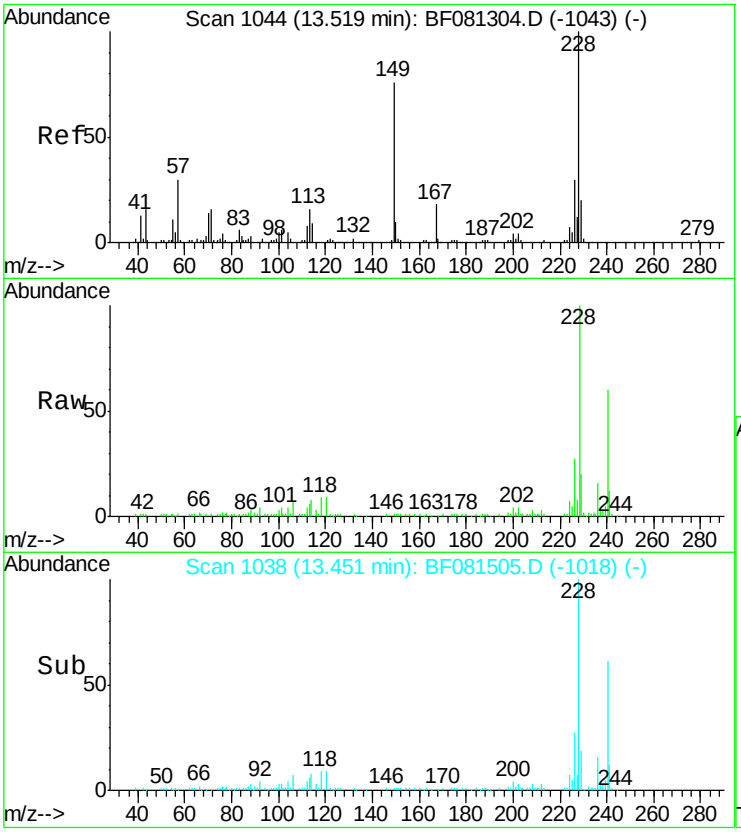


#80
Benzo(a)anthracene
Concen: 17.25 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.03 min
Lab File: BF081505.D
Acq: 6 Sep 2015 12:44

Tgt Ion:228 Resp: 112172

Ion	Ratio	Lower	Upper
228	100		
226	27.3	20.0	30.0
229	19.7	15.4	23.2



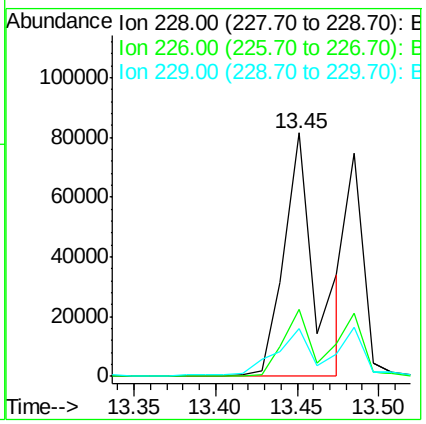


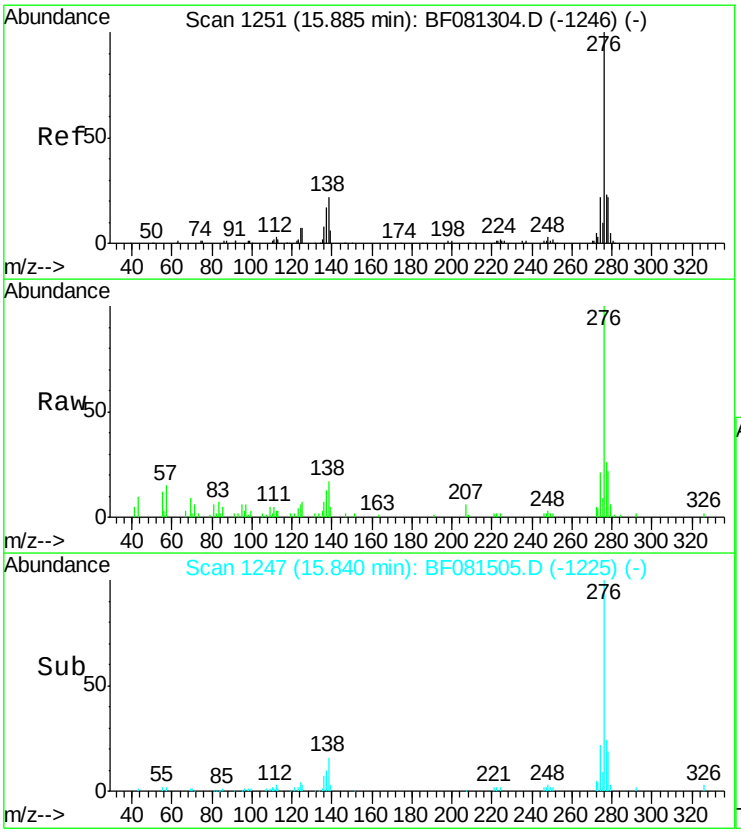
#82
Chrysene
Concen: 19.24 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.07 min
Lab File: BF081505.D
Acq: 6 Sep 2015 12:44

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:228 Resp: 112172

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.0	31.4
229	19.7	15.6	23.4

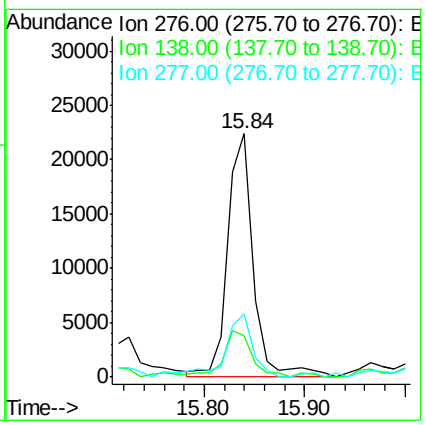


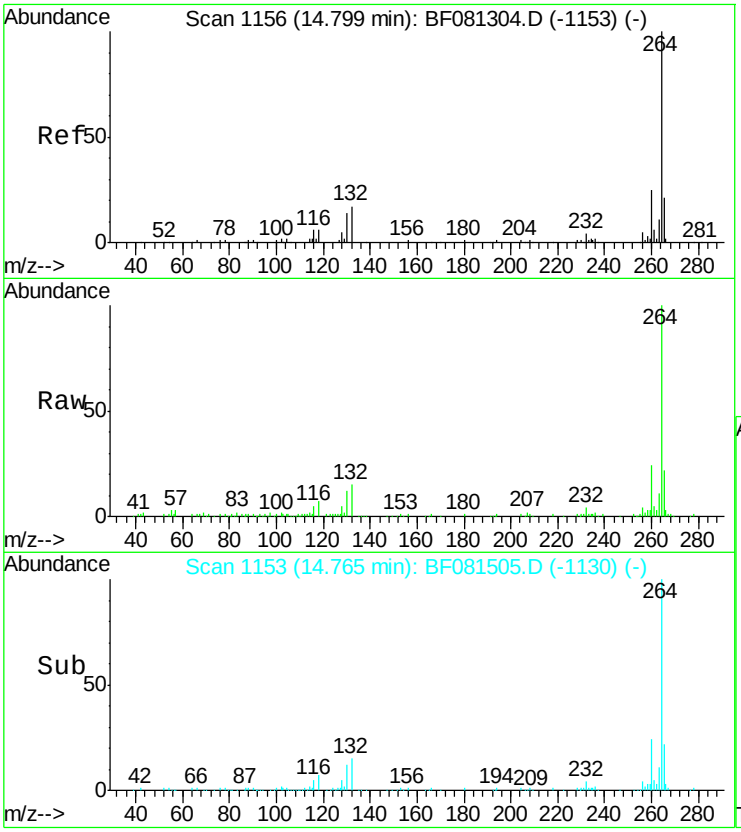


#85
Indeno(1,2,3-cd)pyrene
Concen: 9.29 ng
RT: 15.84 min Scan# 1247
Delta R.T. -0.05 min
Lab File: BF081505.D
Acq: 6 Sep 2015 12:44

Tgt Ion:276 Resp: 39743

Ion	Ratio	Lower	Upper
276	100		
138	20.8	25.7	38.5#
277	28.7	15.6	23.4#



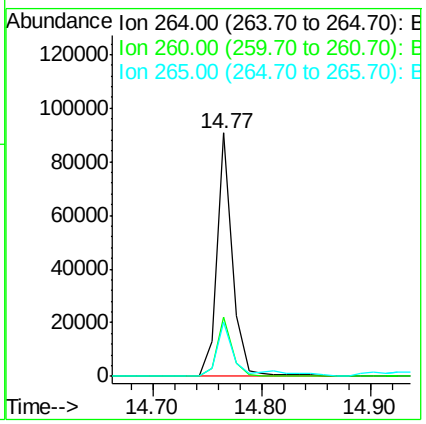


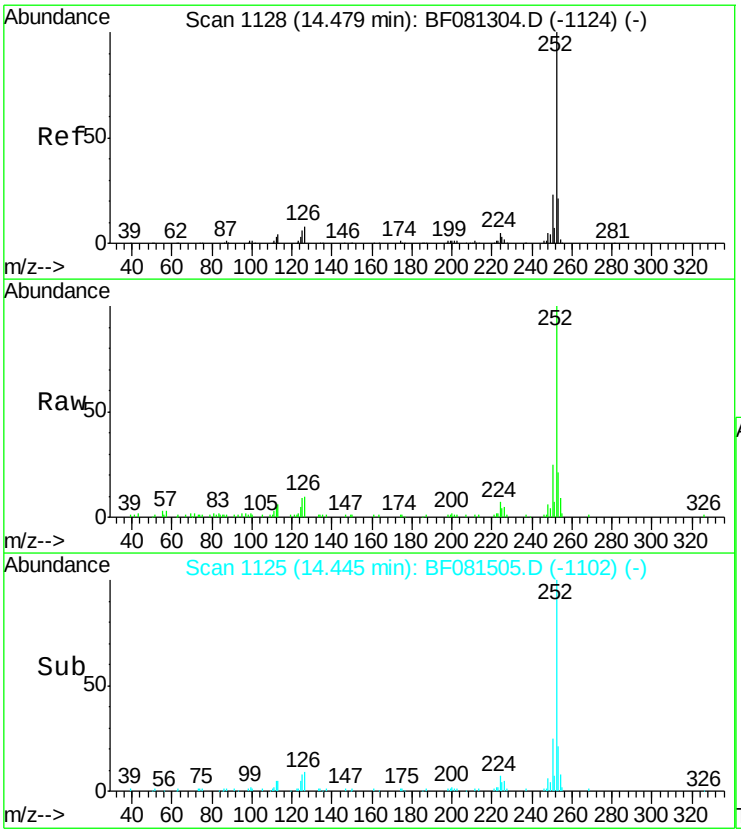
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.03 min
Lab File: BF081505.D
Acq: 6 Sep 2015 12:44

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:264 Resp: 90519

Ion	Ratio	Lower	Upper
264	100		
260	24.1	16.7	25.1
265	22.4	17.2	25.8

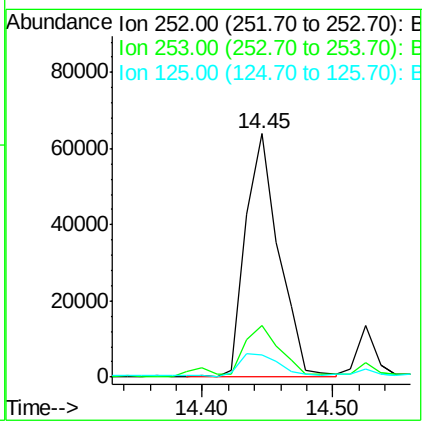


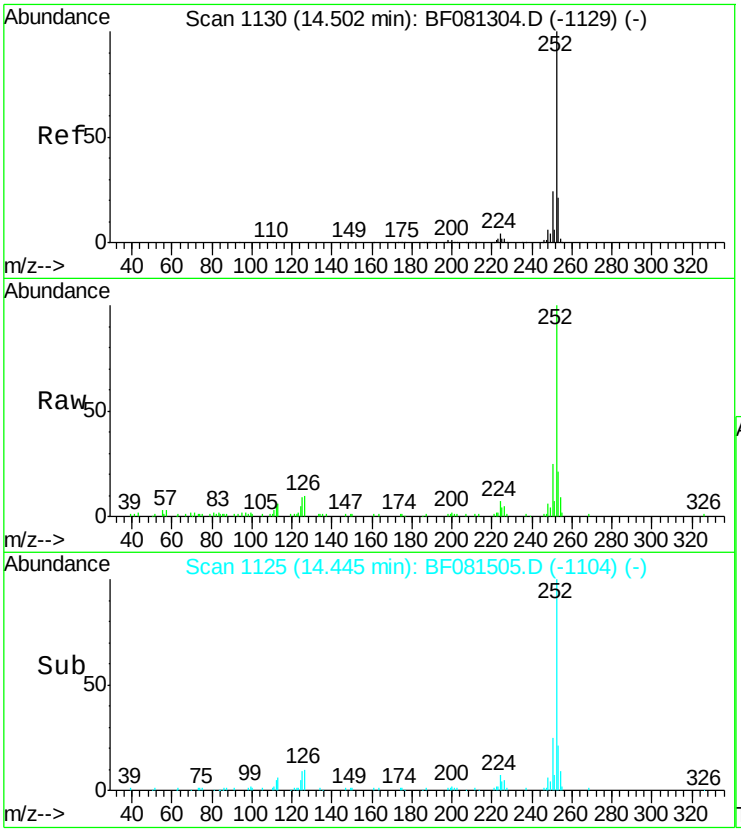


#87
Benzo(b)fluoranthene
Concen: 17.66 ng
RT: 14.45 min Scan# 1125
Delta R.T. -0.03 min
Lab File: BF081505.D
Acq: 6 Sep 2015 12:44

Tgt Ion:252 Resp: 114116

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.5	26.3
125	9.3	17.1	25.7#



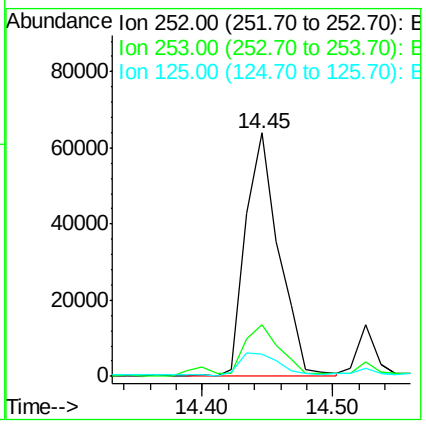


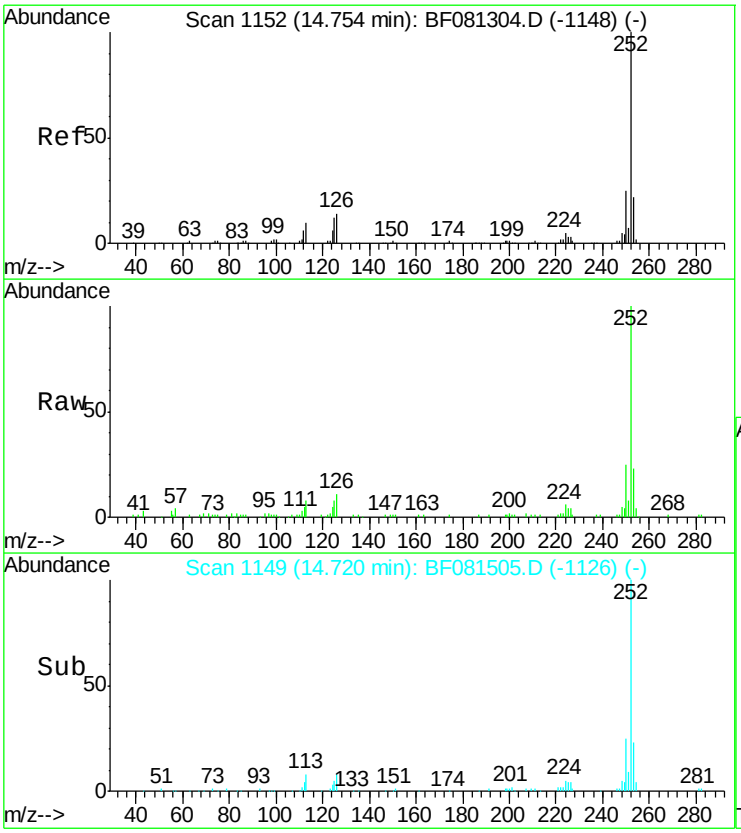
#88
Benzo(k)fluoranthene
Concen: 21.28 ng
RT: 14.45 min Scan# 1125
Delta R.T. -0.06 min
Lab File: BF081505.D
Acq: 6 Sep 2015 12:44

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:252 Resp: 114116

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.0	25.4
125	9.3	16.0	24.0#

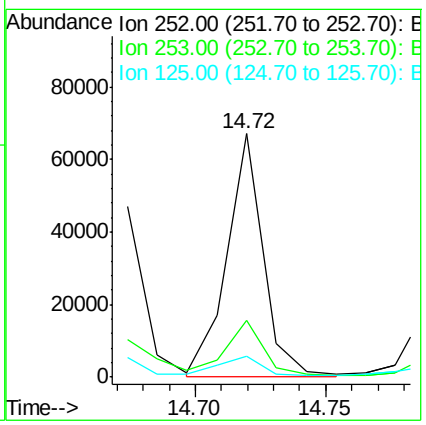


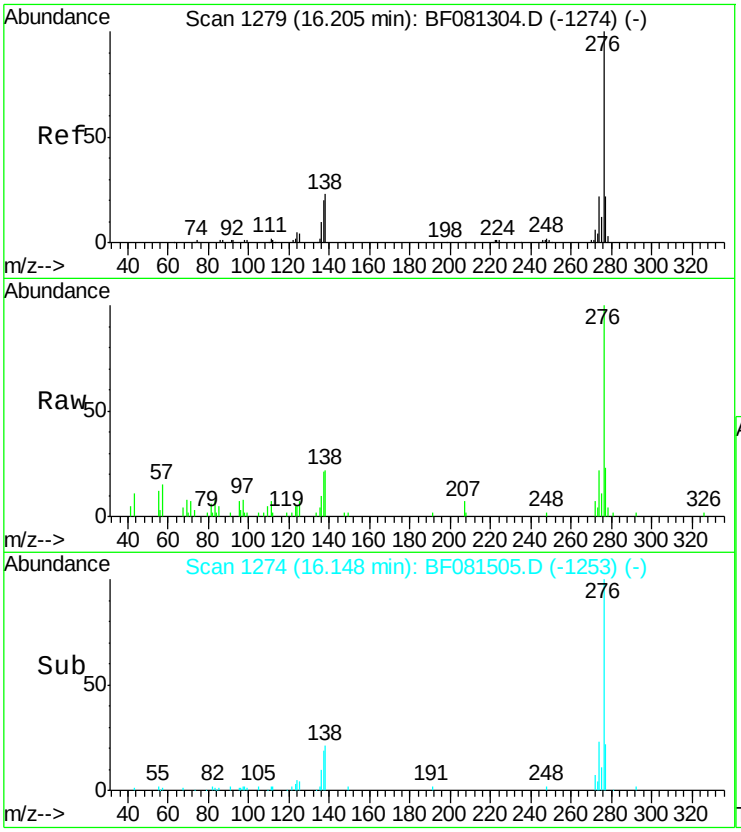


#89
Benzo(a)pyrene
Concen: 11.94 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.03 min
Lab File: BF081505.D
Acq: 6 Sep 2015 12:44

Tgt Ion:252 Resp: 65403

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	8.4	18.0	27.0#





#91
Benzo(g,h,i)perylene
Concen: 8.52 ng
RT: 16.15 min Scan# 1274
Delta R.T. -0.06 min
Lab File: BF081505.D
Acq: 6 Sep 2015 12:44

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:276 Resp: 34397

Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.8	26.6
138	22.4	34.6	51.8#