Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102615\
Data File : BF082529.D
Acq On : 27 Oct 2015 4:08
Operator : UM/IZ
Sample : G4116-01RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB3-01(0-2)

Quant Time: Oct 27 06:23:54 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 27 02:43:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	98105	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	374682	20.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	188929	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	337073	20.00	ng		0.00
75) Chrysene-d12	13.91	240	229979	20.00	ng		0.00
86) Perylene-d12	15.36	264	196975	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	681027	137.04	ng		0.02
7) Phenol-d6	6.39	99	859222	132.66	ng		0.01
23) Nitrobenzene-d5	7.30	82	552356	95.10	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	188614	133.32	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1061692	89.36	ng		0.00
78) Terphenyl-d14	12.85	244	857696	107.44	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.50	77	17094	3.55	ng		83
19) n-Nitroso-di-n-propylamine	7.30	70	74552	17.67	ng	#	76
25) Isophorone	7.30	82	553559	47.98	ng	#	64
49) Dimethylphthalate	9.50	163	248313	18.89	ng		100
51) Acenaphthene	9.81	154	21663	2.13	ng		96
55) 4-Nitrophenol	9.98	139	4527	10.37	ng	#	11
56) 2,4-Dinitrotoluene	9.77	165	24039	6.88	ng	#	11
66) 4-Bromophenyl-phenylether	10.56	248	13368	4.23	ng	#	1
70) Phenanthrene	11.28	178	180943	10.43	ng		99
71) Anthracene	11.34	178	46173	2.64	ng		98
74) Fluoranthene	12.47	202	239775	13.47	ng		97
76) Benzidine	12.85	184	13350	2.12	ng	#	94
77) Pyrene	12.70	202	203563	14.39	ng		98
80) Benzo(a)anthracene	13.90	228	87572	7.10	ng		98
82) Chrysene	13.93	228	68151	5.85	ng		97
85) Indeno(1,2,3-cd)pyrene	16.74	276	42058	3.93	ng		92
87) Benzo(b)fluoranthene	14.96	252	123055	10.52	ng	#	95
88) Benzo(k)fluoranthene	14.96	252	123055	12.90	ng	#	97
89) Benzo(a)pyrene	15.32	252	60749	5.99	ng	#	93
91) Benzo(g,h,i)perylene	17.16	276	46165	5.50	ng	#	94

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

Quantitation Report (Not Reviewed)

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NB3-01(0-2)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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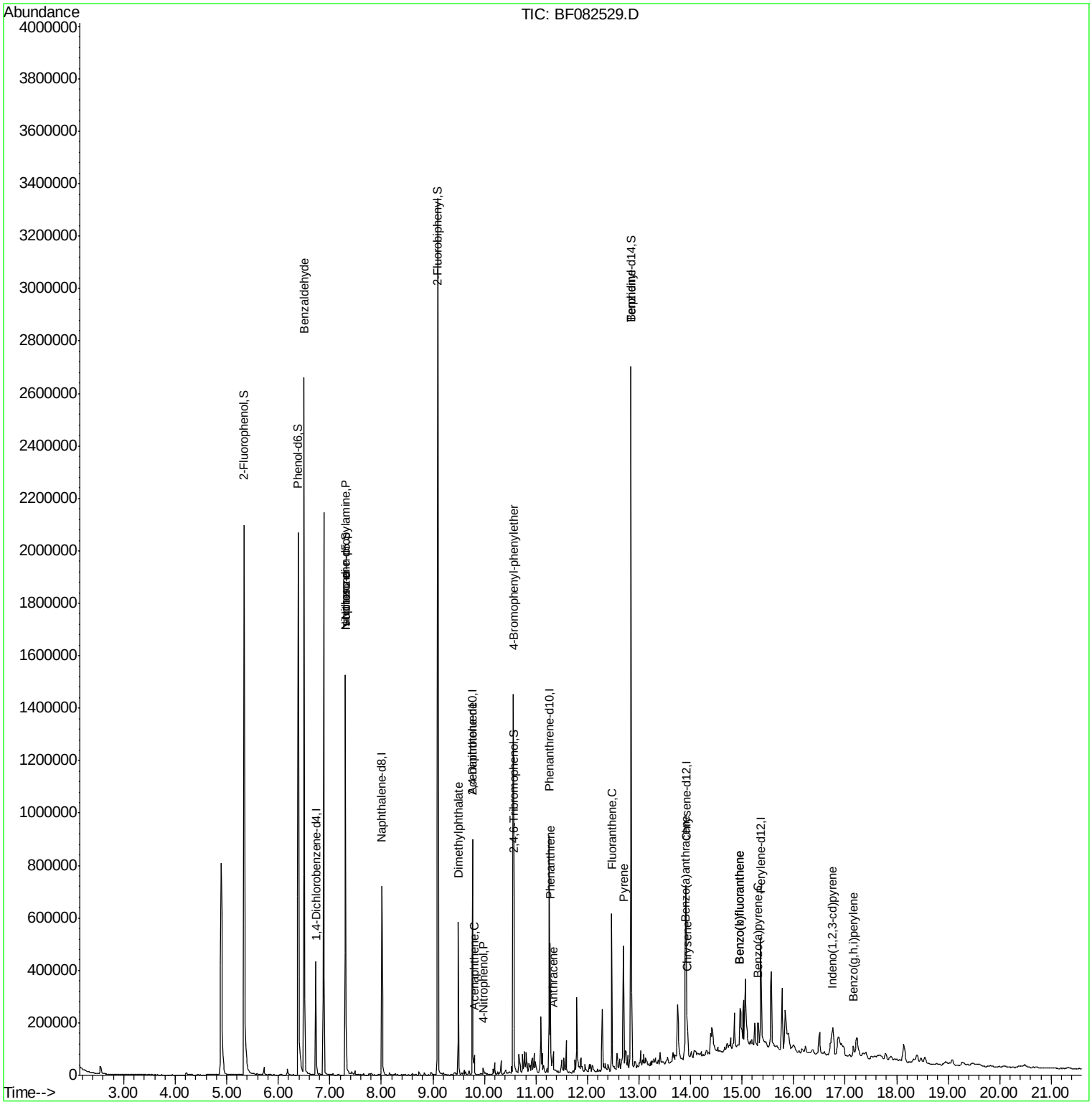
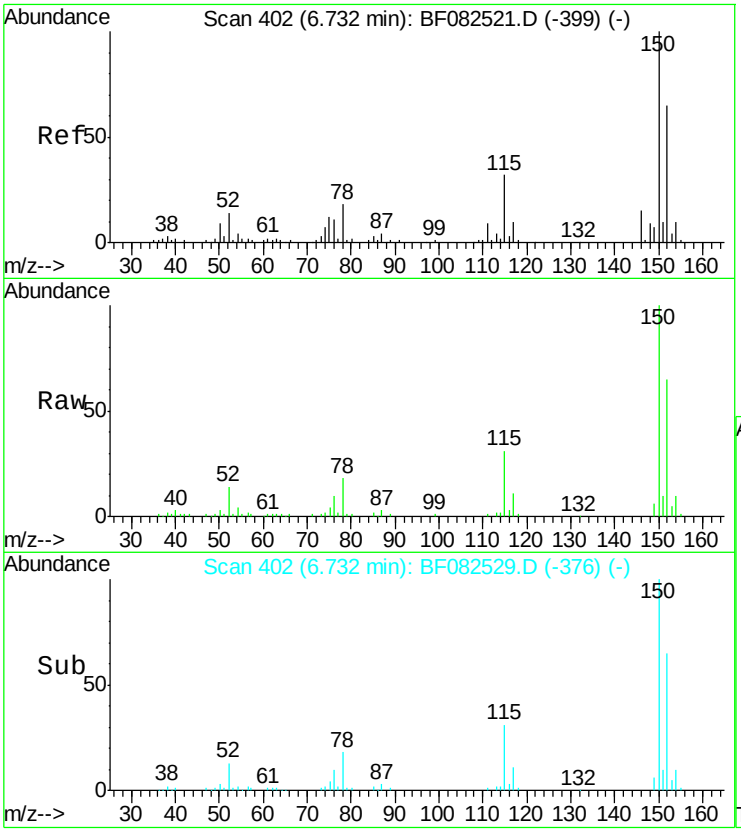


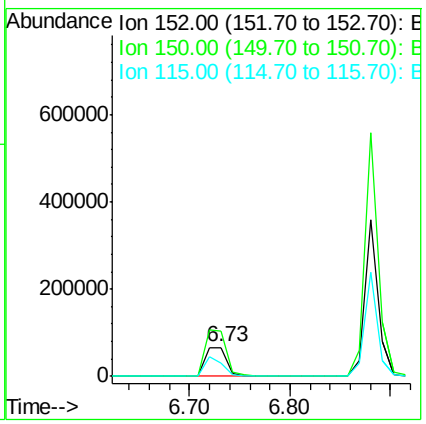


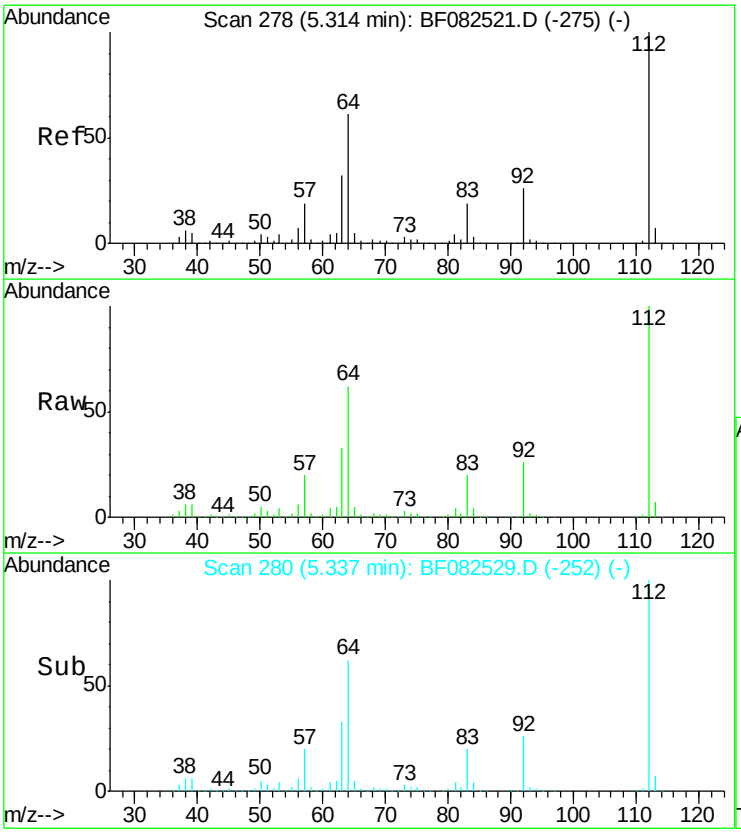
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF082529.D
Acq: 27 Oct 2015 4:08

Instrument :
BNA_F
ClientSampleId :
NB3-01(0-2)

Tgt Ion:152 Resp: 98105

Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.4	185.0
115	47.5	39.0	58.4

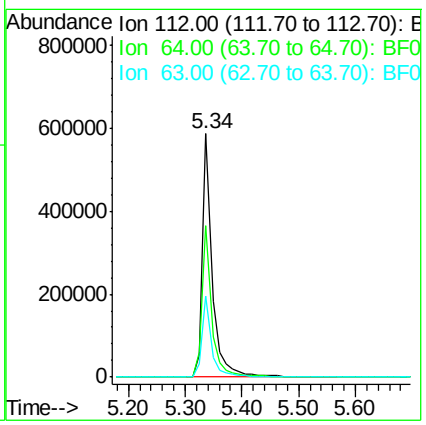


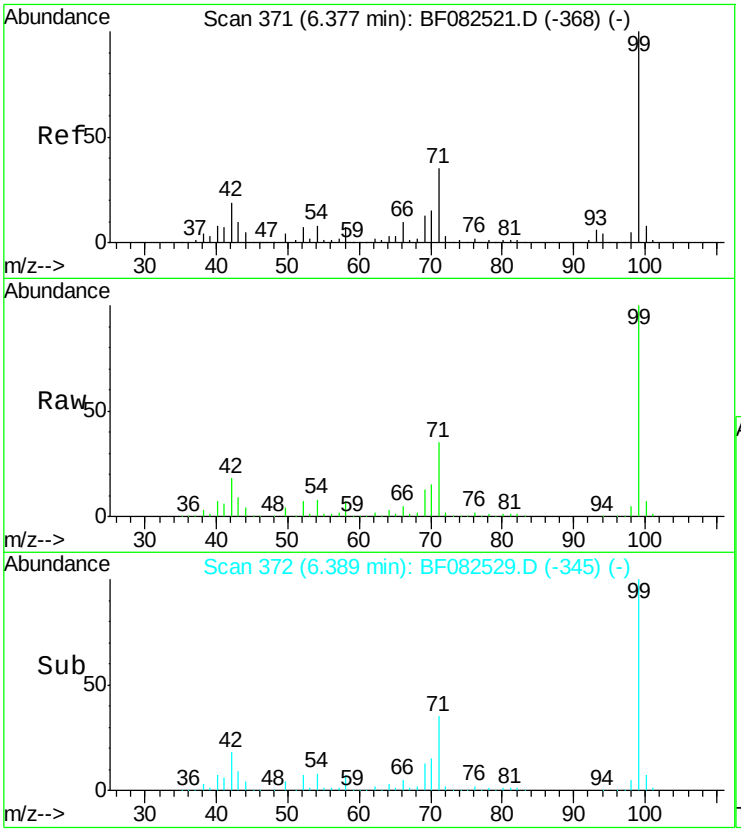


#5
2-Fluorophenol
Concen: 137.04 ng
RT: 5.34 min Scan# 280
Delta R.T. 0.02 min
Lab File: BF082529.D
Acq: 27 Oct 2015 4:08

Tgt Ion:112 Resp: 681027

Ion	Ratio	Lower	Upper
112	100		
64	62.3	49.0	73.4
63	33.0	25.8	38.6



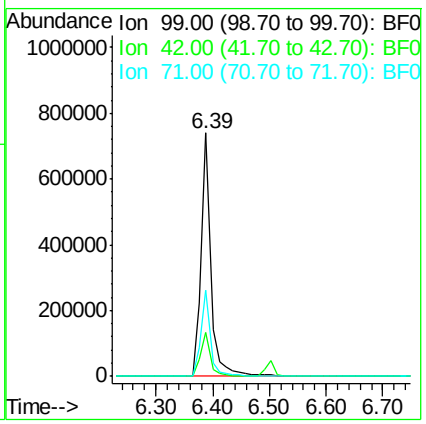


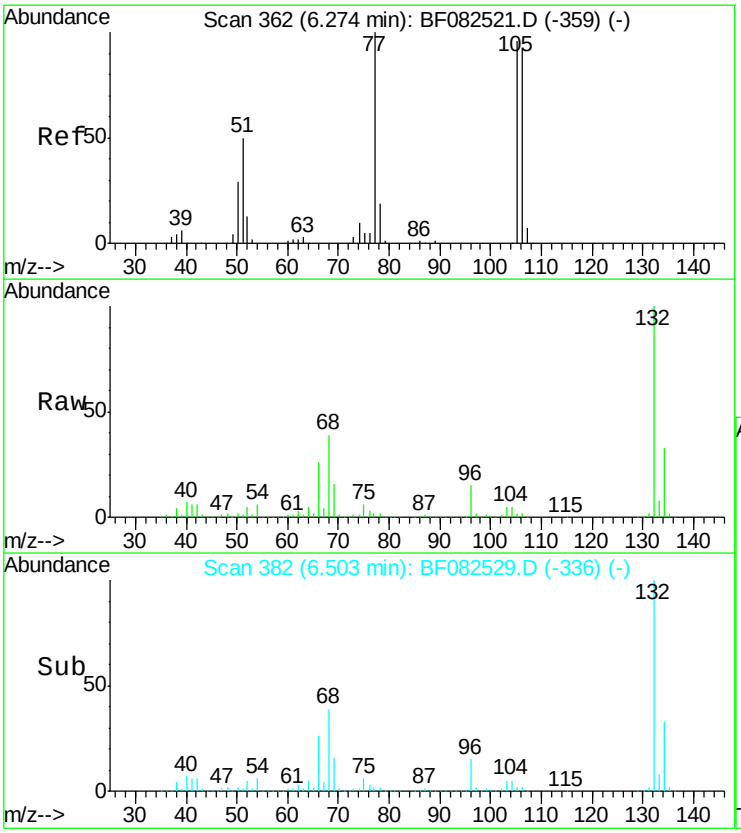
#7
Phenol-d6
Concen: 132.66 ng
RT: 6.39 min Scan# 372
Delta R.T. 0.01 min
Lab File: BF082529.D
Acq: 27 Oct 2015 4:08

Instrument :
BNA_F
ClientSampleId :
NB3-01(0-2)

Tgt Ion: 99 Resp: 859222

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.1	22.7
71	35.5	28.2	42.2

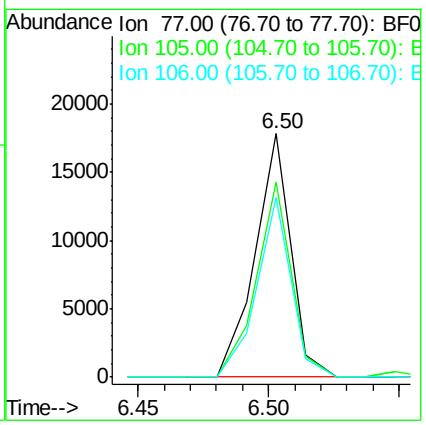


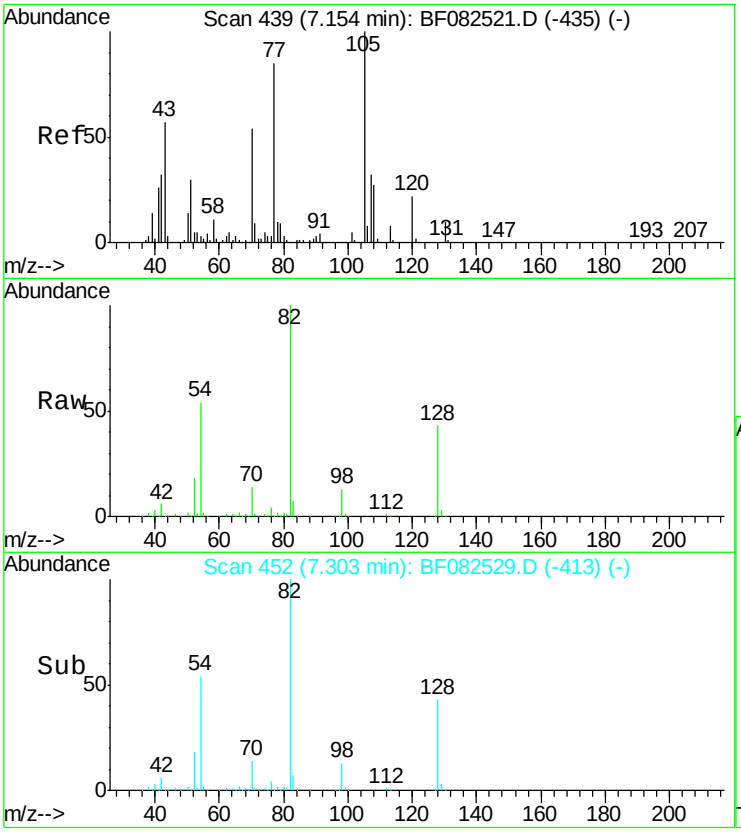


#9
Benzaldehyde
Concen: 3.55 ng
RT: 6.50 min Scan# 382
Delta R.T. 0.23 min
Lab File: BF082529.D
Acq: 27 Oct 2015 4:08

Tgt Ion: 77 Resp: 17094

Ion	Ratio	Lower	Upper
77	100		
105	80.3	75.9	115.9
106	74.0	71.8	111.8



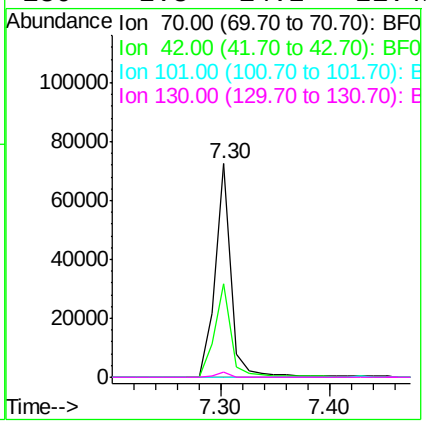


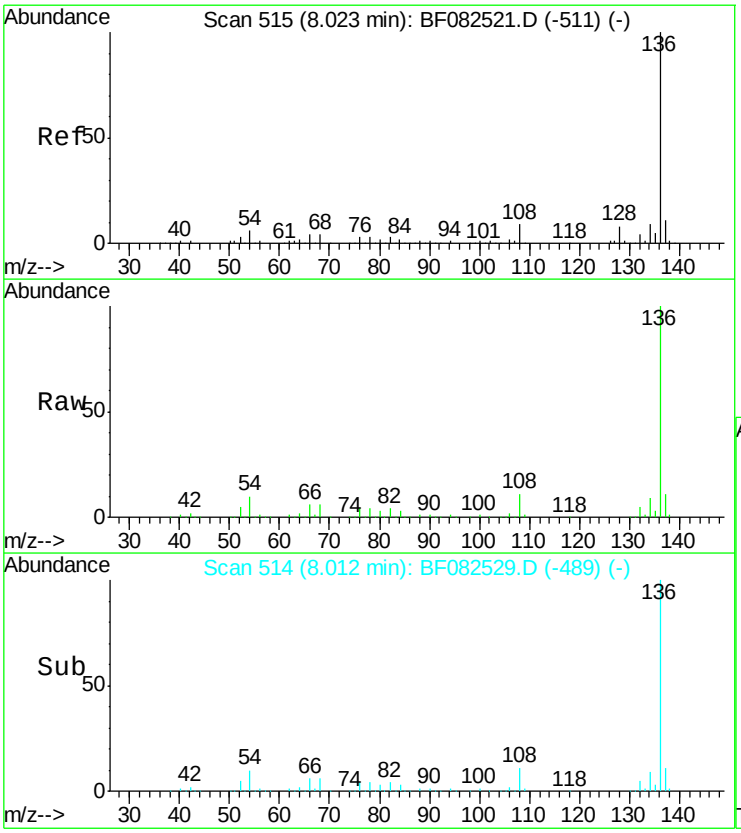
#19
n-Nitroso-di-n-propylamine
Concen: 17.67 ng
RT: 7.30 min Scan# 452
Delta R.T. 0.15 min
Lab File: BF082529.D
Acq: 27 Oct 2015 4:08

Instrument :
BNA_F
ClientSampleId :
NB3-01(0-2)

Tgt Ion: 70 Resp: 74552

Ion	Ratio	Lower	Upper
70	100		
42	43.9	46.9	70.3#
101	0.0	7.4	11.2#
130	2.3	14.2	21.4#

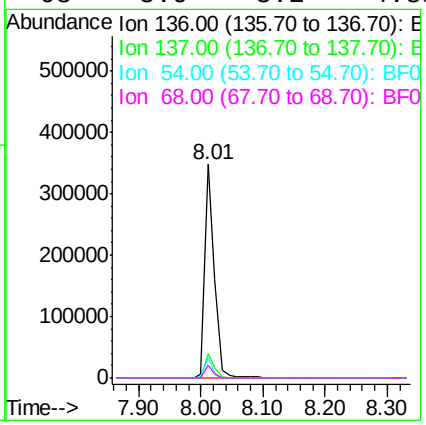


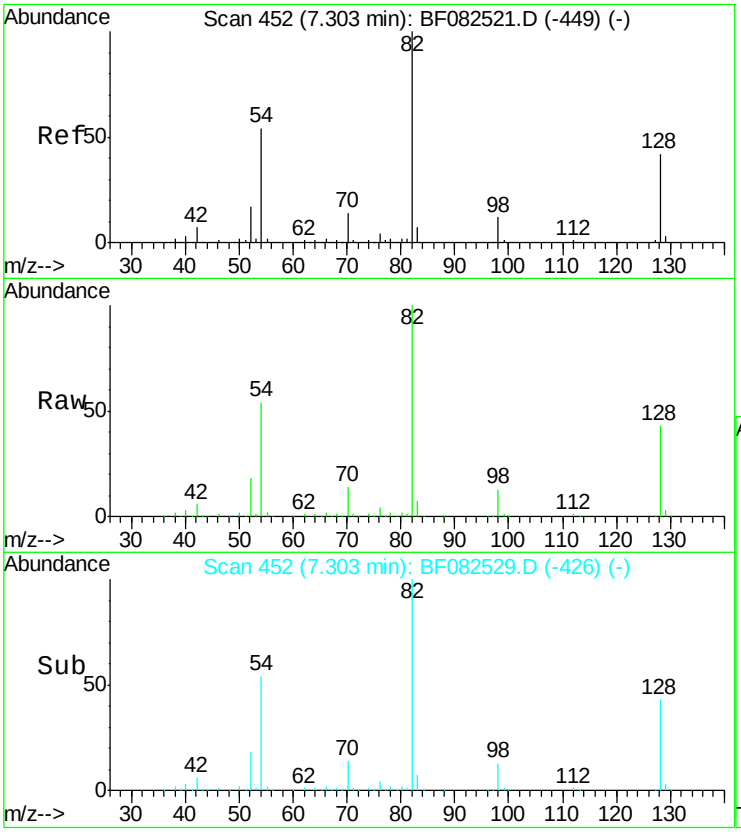


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF082529.D
Acq: 27 Oct 2015 4:08

Tgt Ion:136 Resp: 374682

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	9.7	4.6	7.0#
68	5.9	3.2	4.8#



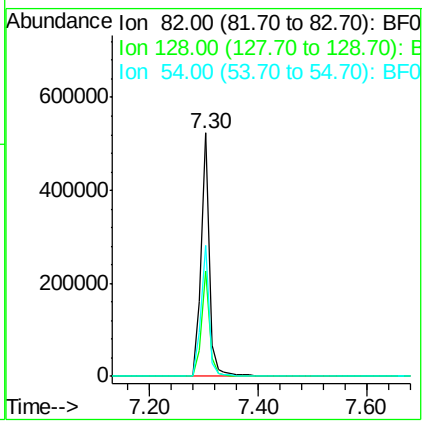


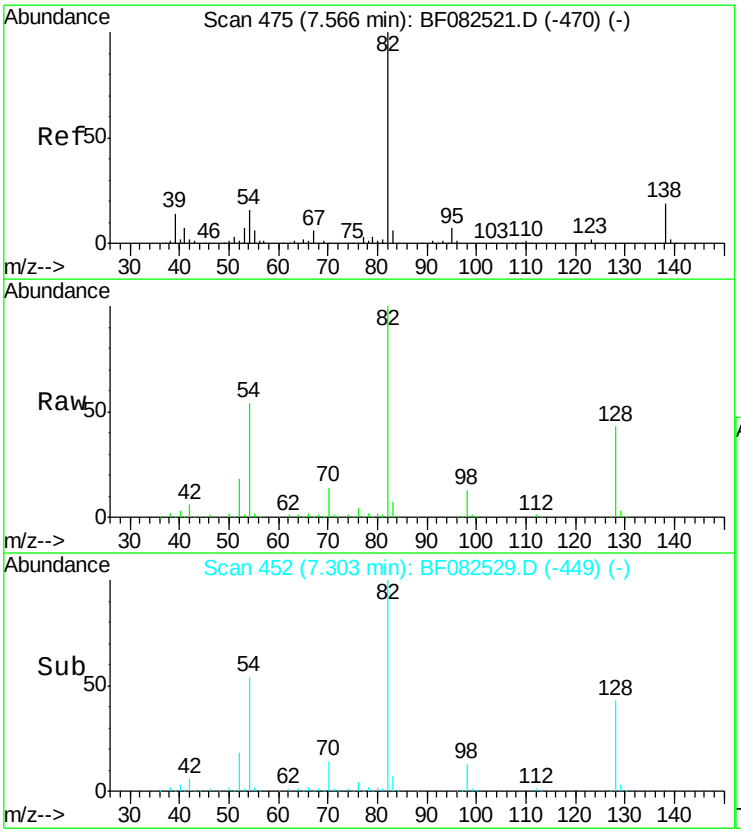
#23
Nitrobenzene-d5
Concen: 95.10 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF082529.D
Acq: 27 Oct 2015 4:08

Instrument :
BNA_F
ClientSampleId :
NB3-01(0-2)

Tgt Ion: 82 Resp: 552356

Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.4	50.0
54	54.0	43.5	65.3

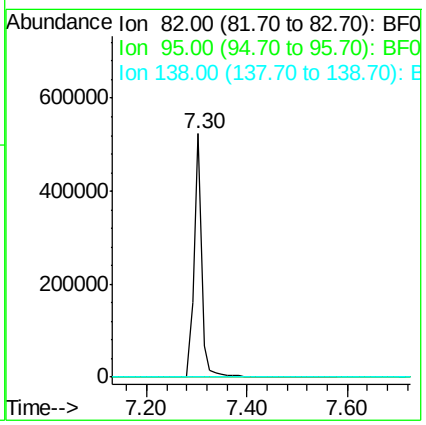


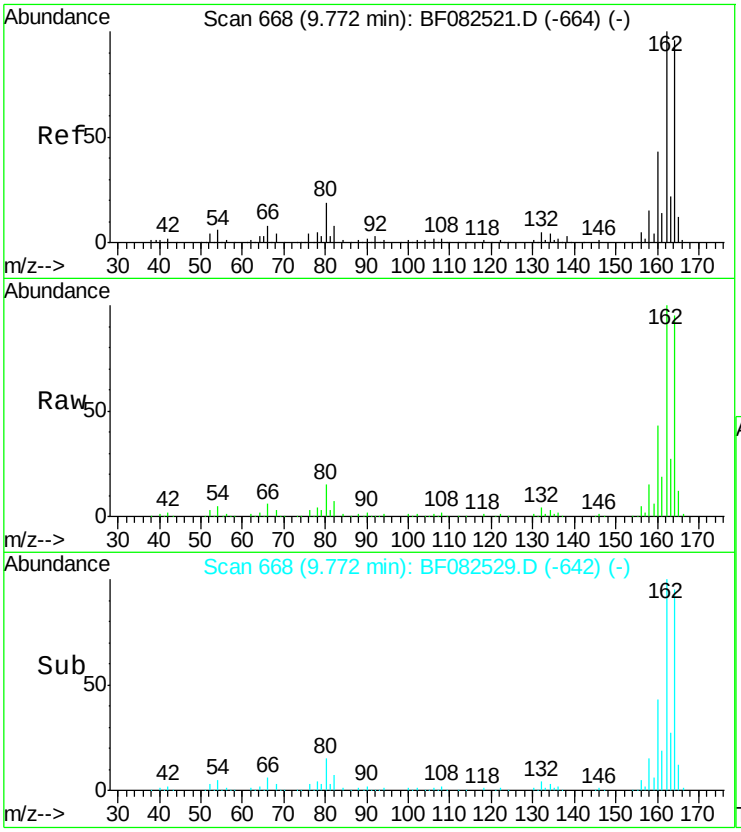


#25
Isophorone
Concen: 47.98 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.26 min
Lab File: BF082529.D
Acq: 27 Oct 2015 4:08

Tgt Ion: 82 Resp: 553559

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.0	22.4#



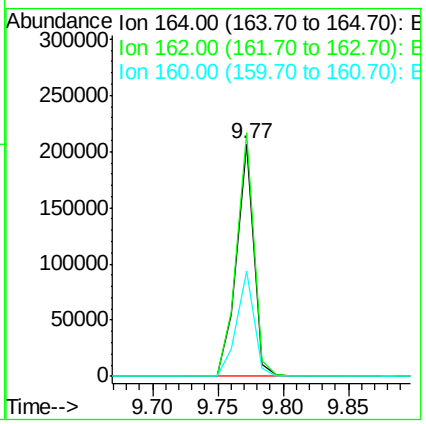


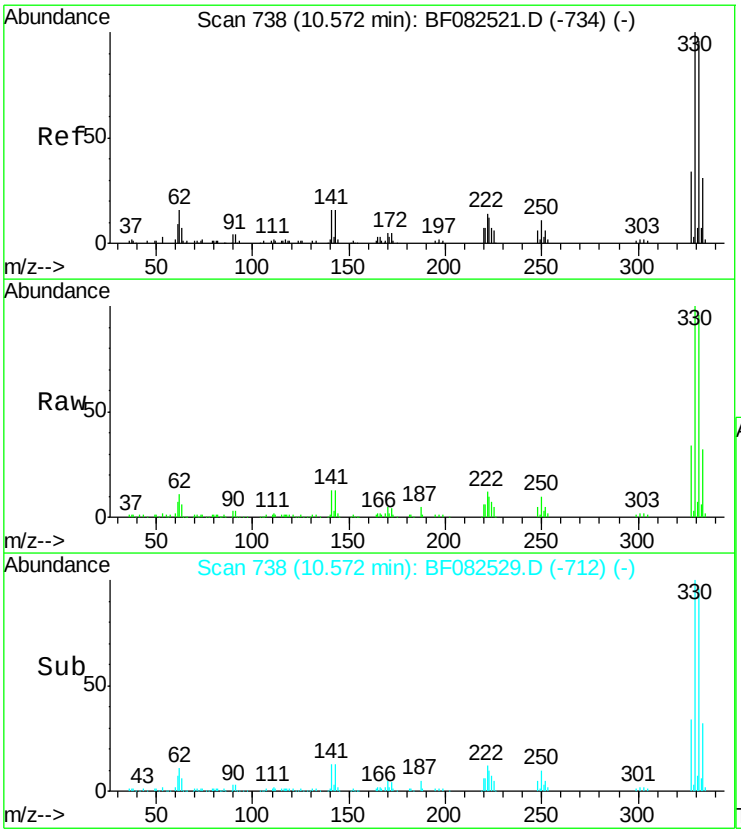
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF082529.D
Acq: 27 Oct 2015 4:08

Instrument :
BNA_F
ClientSampleId :
NB3-01(0-2)

Tgt Ion:164 Resp: 188929

Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.6	125.4
160	45.2	36.0	54.0

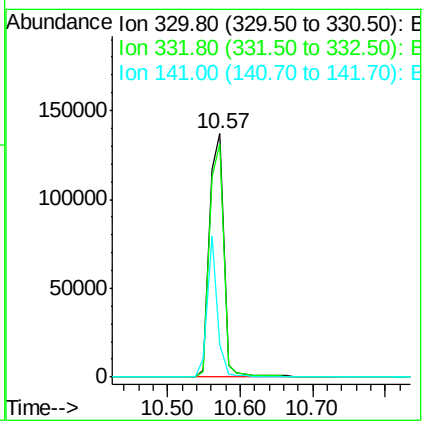


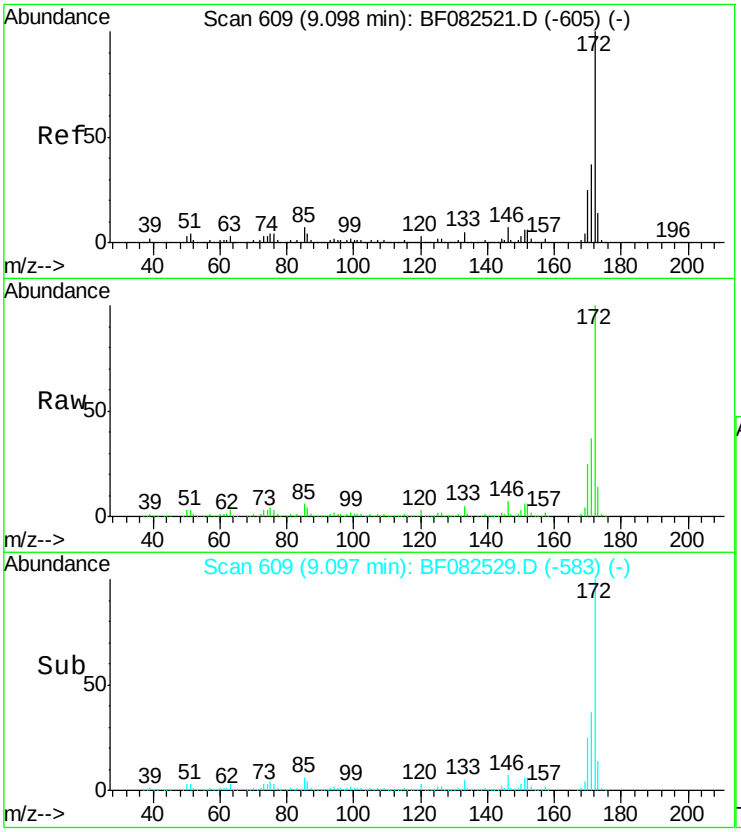


#41
2,4,6-Tribromophenol
Concen: 133.32 ng
RT: 10.57 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF082529.D
Acq: 27 Oct 2015 4:08

Tgt Ion:330 Resp: 188614

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.0
141	41.0	32.5	48.7



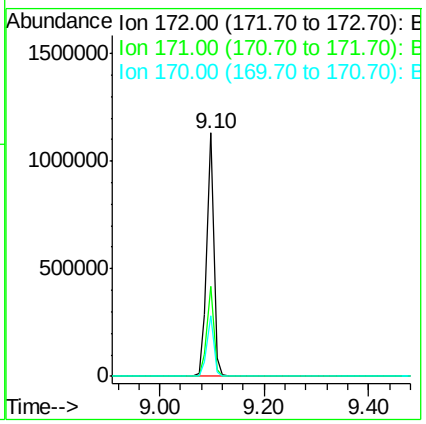


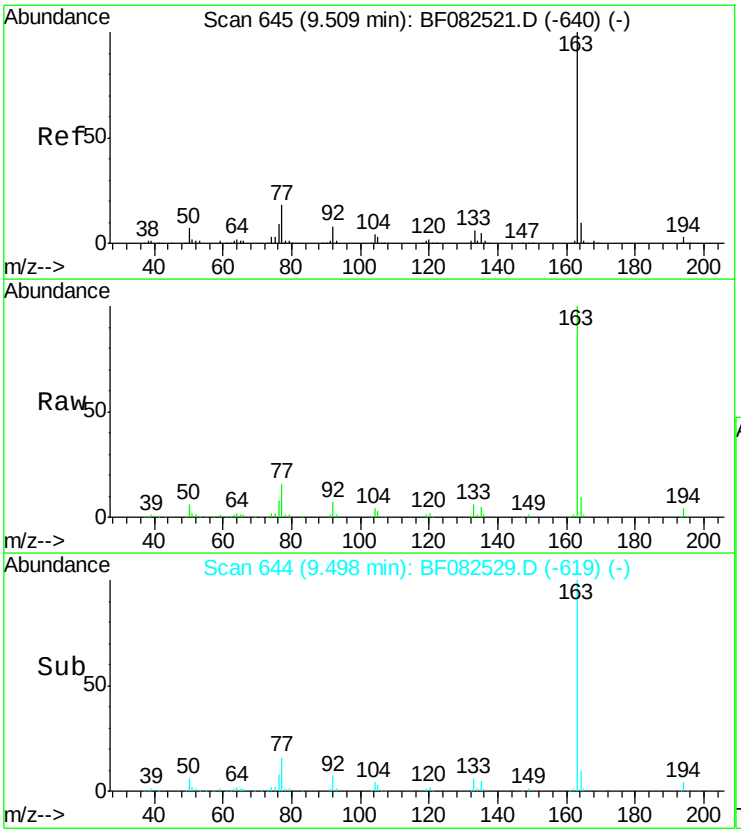
#44
2-Fluorobiphenyl
Concen: 89.36 ng
RT: 9.10 min Scan# 609
Delta R.T. -0.00 min
Lab File: BF082529.D
Acq: 27 Oct 2015 4:08

Instrument :
BNA_F
ClientSampleId :
NB3-01(0-2)

Tgt Ion:172 Resp: 1061692

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.3	43.9
170	24.9	19.8	29.6

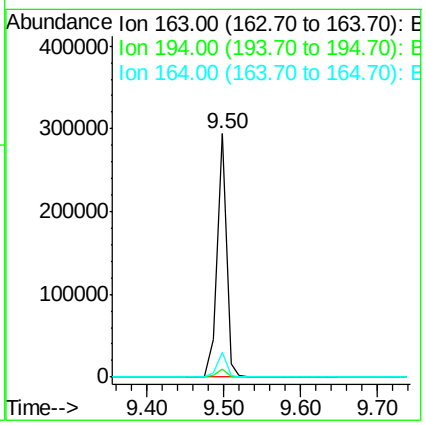


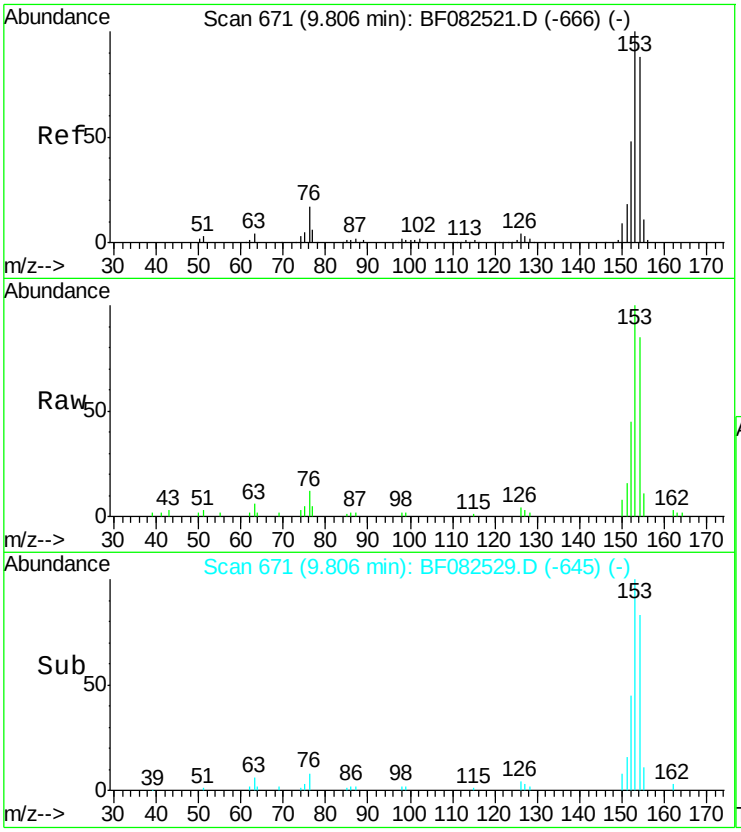


#49
Dimethylphthalate
Concen: 18.89 ng
RT: 9.50 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF082529.D
Acq: 27 Oct 2015 4:08

Tgt Ion:163 Resp: 248313

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	10.4	8.2	12.4



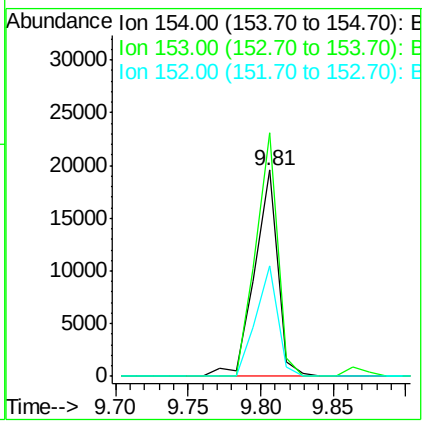


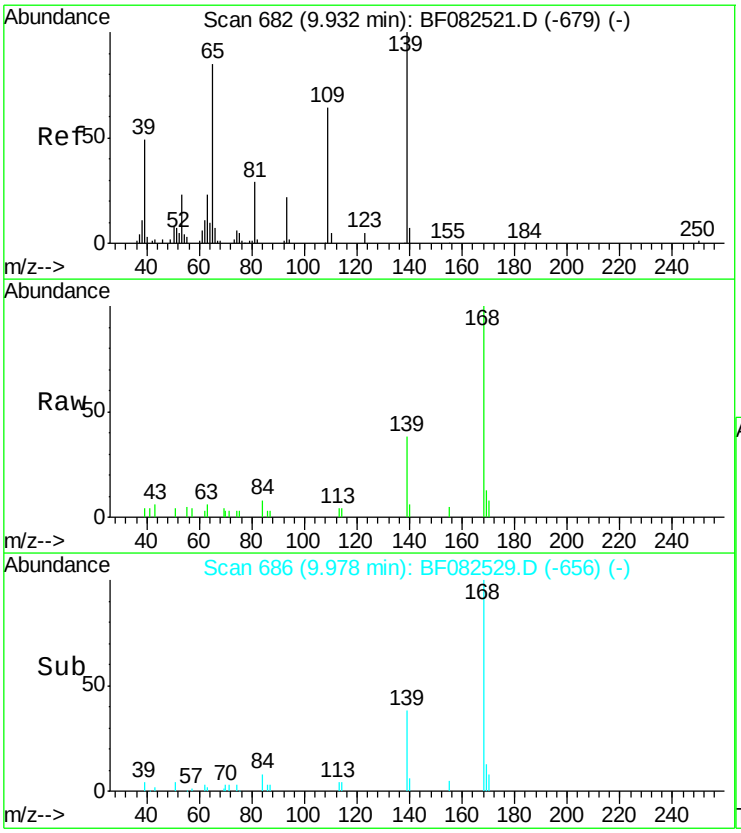
#51
Acenaphthene
Concen: 2.13 ng
RT: 9.81 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF082529.D
Acq: 27 Oct 2015 4:08

Instrument :
BNA_F
ClientSampleId :
NB3-01(0-2)

Tgt Ion:154 Resp: 21663

Ion	Ratio	Lower	Upper
154	100		
153	118.0	90.7	136.1
152	53.6	44.0	66.0

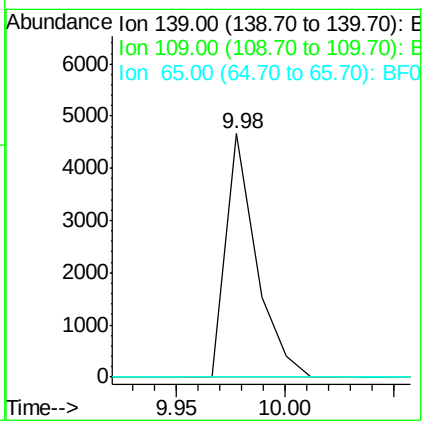


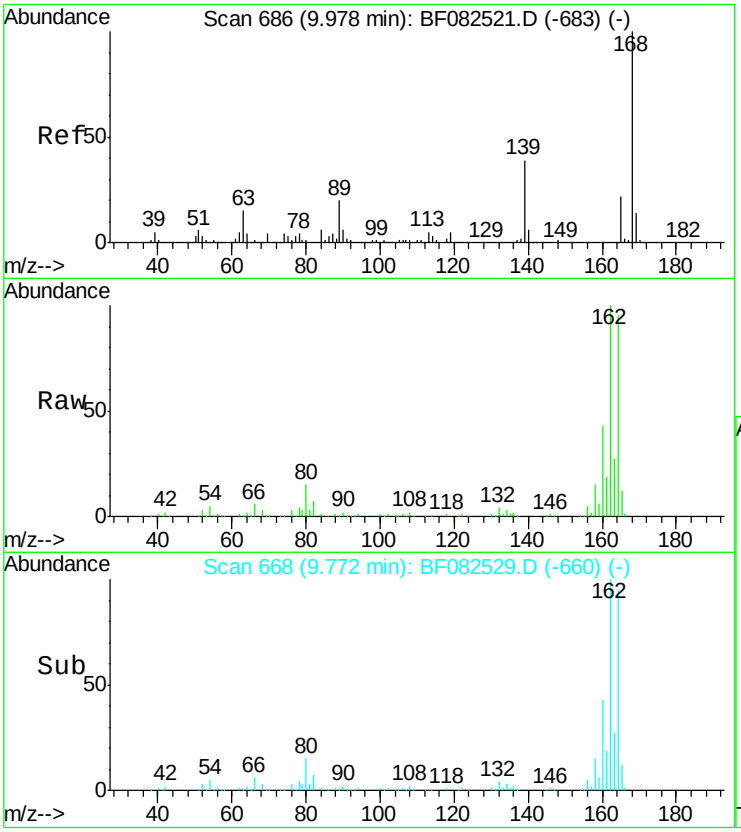


#55
4-Nitrophenol
Concen: 10.37 ng
RT: 9.98 min Scan# 686
Delta R.T. 0.05 min
Lab File: BF082529.D
Acq: 27 Oct 2015 4:08

Tgt Ion:139 Resp: 4527

Ion	Ratio	Lower	Upper
139	100		
109	0.0	44.2	84.2#
65	0.0	68.1	108.1#



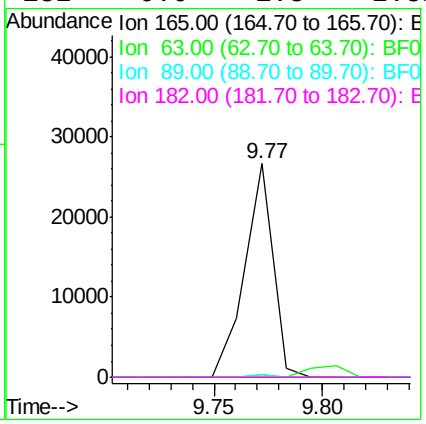


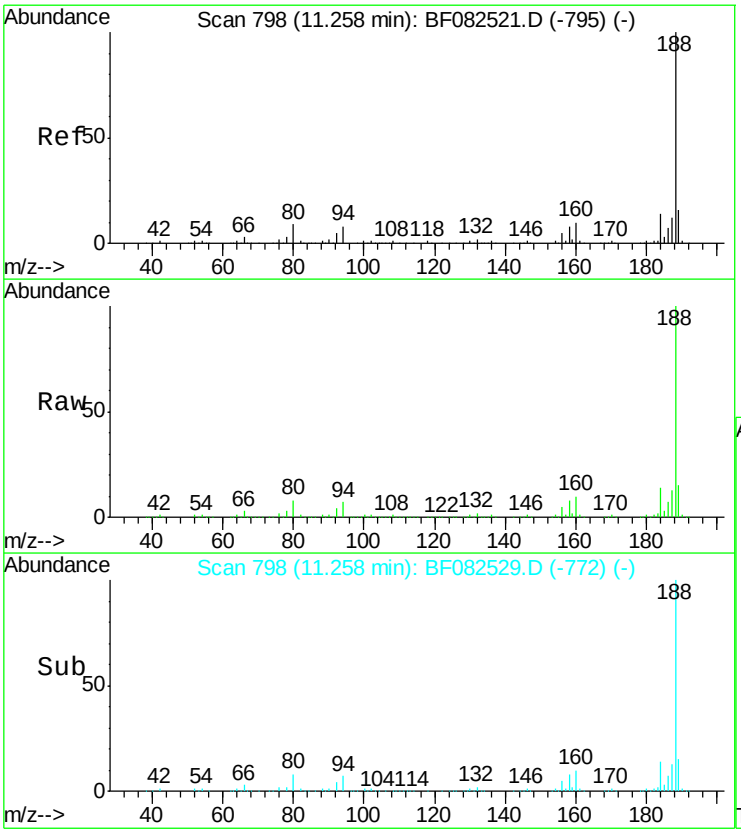
#56
2,4-Dinitrotoluene
Concen: 6.88 ng
RT: 9.77 min Scan# 668
Delta R.T. -0.21 min
Lab File: BF082529.D
Acq: 27 Oct 2015 4:08

Instrument :
BNA_F
ClientSampleId :
NB3-01(0-2)

Tgt Ion:165 Resp: 24039

Ion	Ratio	Lower	Upper
165	100		
63	1.4	58.6	88.0#
89	1.5	72.3	108.5#
182	0.0	1.8	2.8#

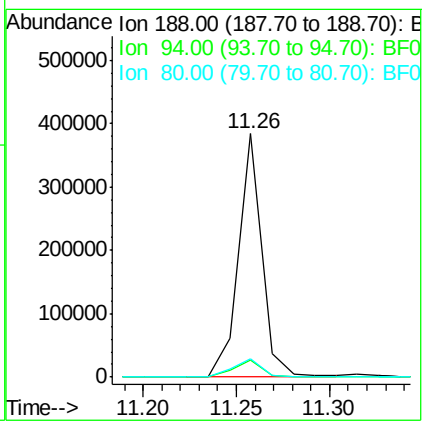


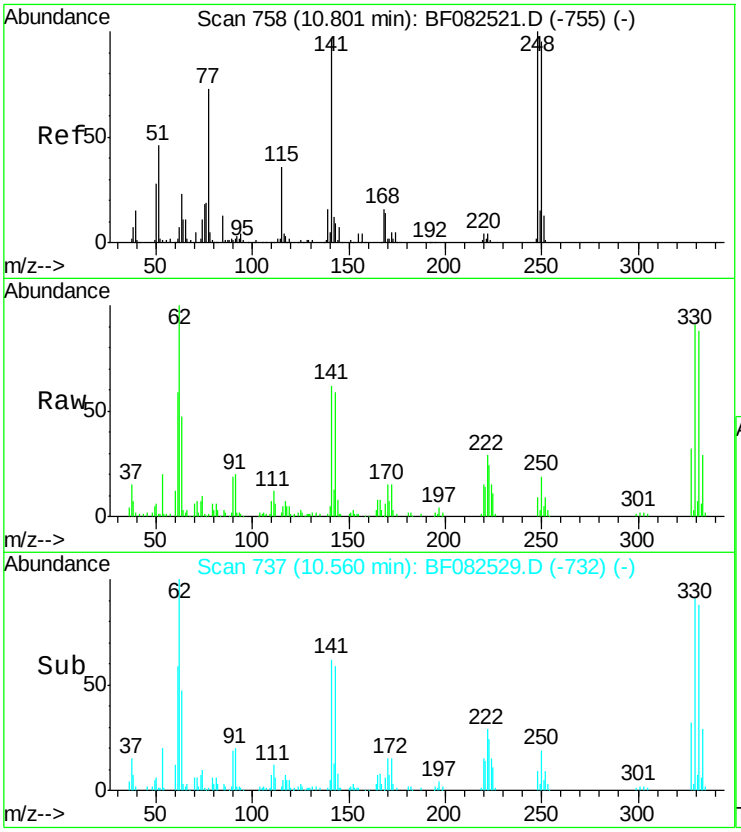


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF082529.D
Acq: 27 Oct 2015 4:08

Tgt Ion:188 Resp: 337073

Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.4	9.6
80	7.6	7.0	10.6



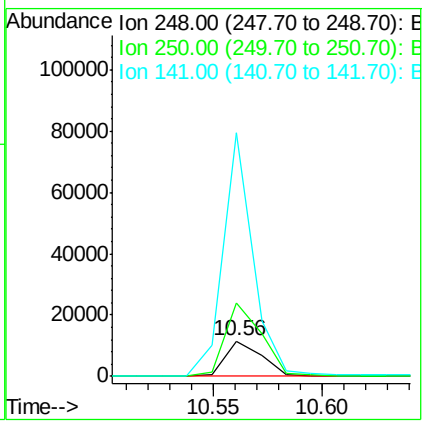


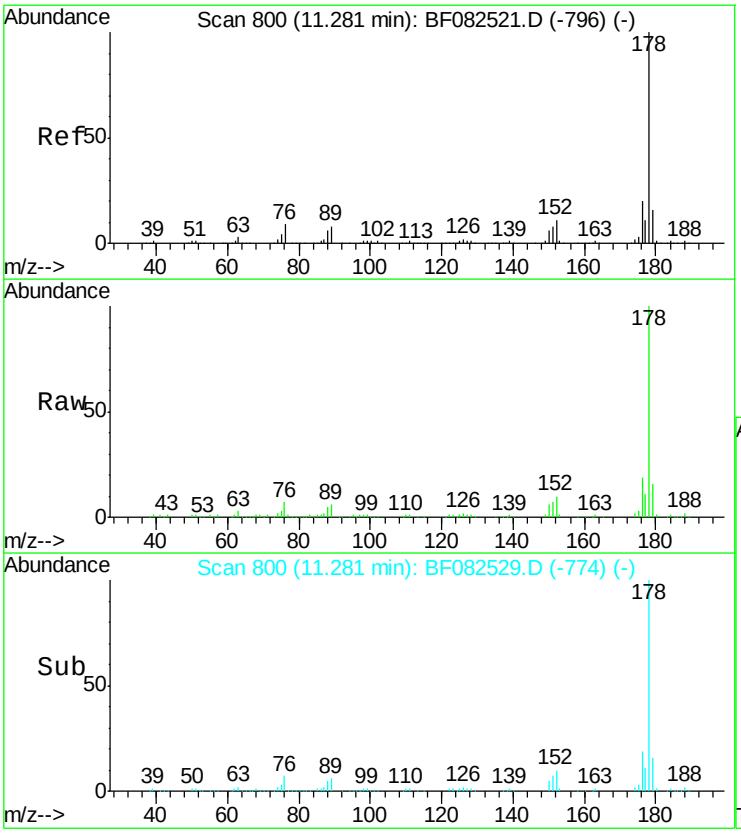
#66
4-Bromophenyl-phenylether
Concen: 4.23 ng
RT: 10.56 min Scan# 737
Delta R.T. -0.24 min
Lab File: BF082529.D
Acq: 27 Oct 2015 4:08

Instrument :
BNA_F
ClientSampleId :
NB3-01(0-2)

Tgt Ion:248 Resp: 13368

Ion	Ratio	Lower	Upper
248	100		
250	207.2	76.0	114.0#
141	689.1	77.5	116.3#

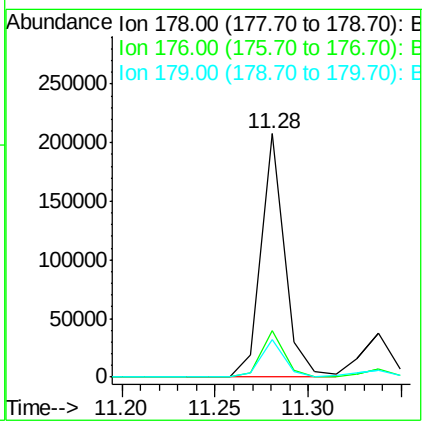


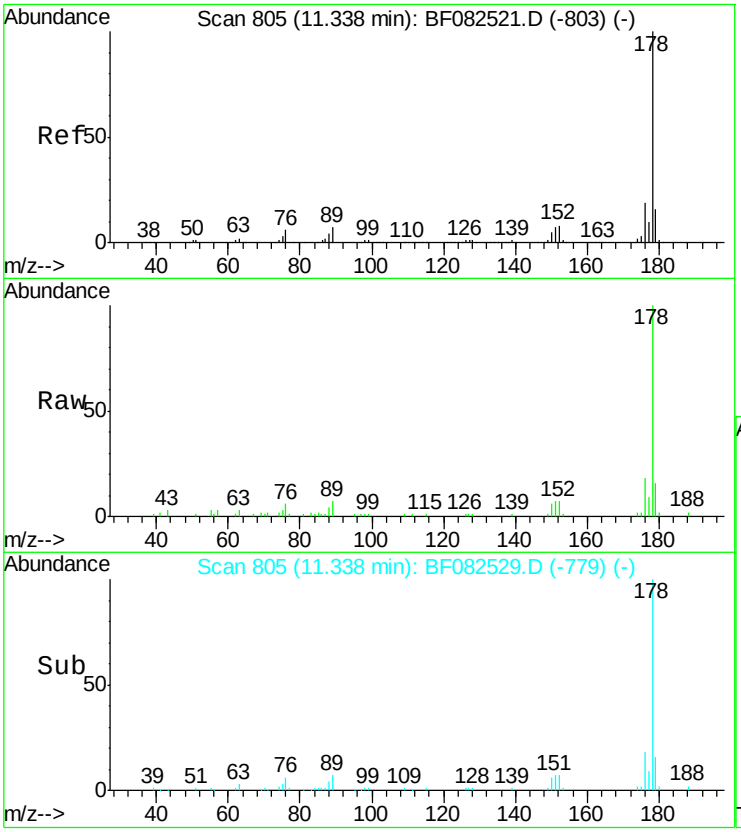


#70
Phenanthrene
Concen: 10.43 ng
RT: 11.28 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF082529.D
Acq: 27 Oct 2015 4:08

Tgt Ion:178 Resp: 180943

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	15.6	12.8	19.2



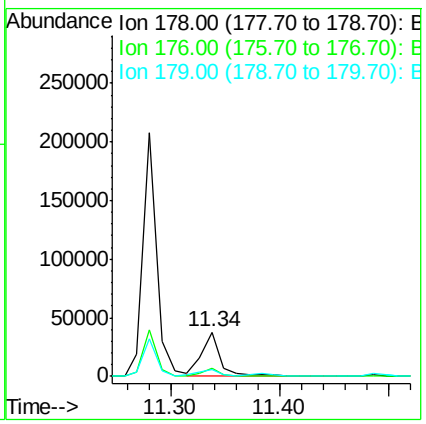


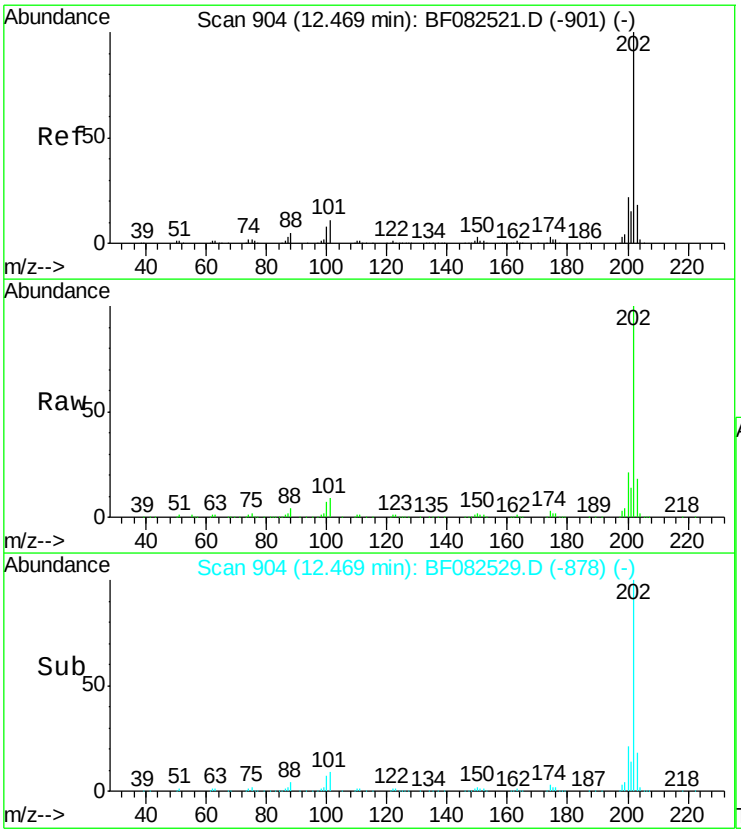
#71
Anthracene
Concen: 2.64 ng
RT: 11.34 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF082529.D
Acq: 27 Oct 2015 4:08

Instrument :
BNA_F
ClientSampleId :
NB3-01(0-2)

Tgt Ion:178 Resp: 46173

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.2	22.8
179	16.1	12.6	19.0

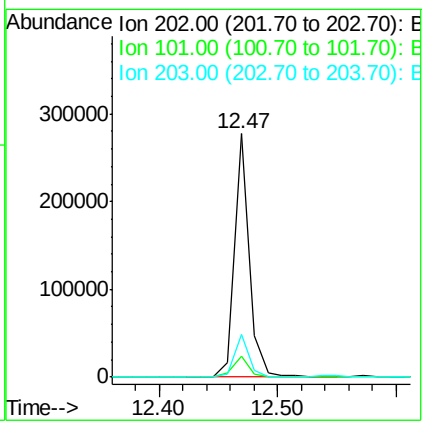


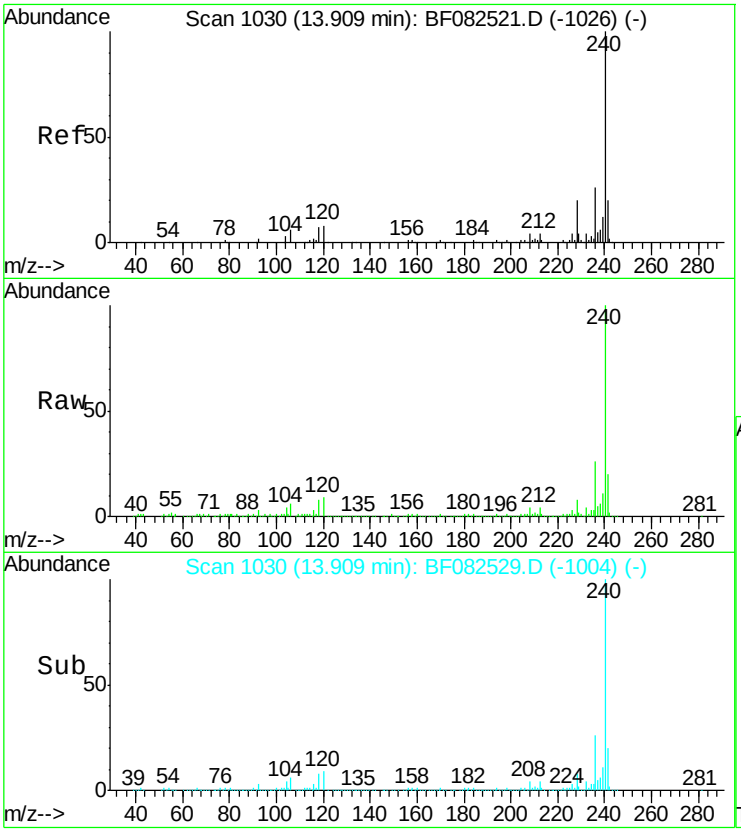


#74
Fluoranthene
Concen: 13.47 ng
RT: 12.47 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF082529.D
Acq: 27 Oct 2015 4:08

Tgt Ion:202 Resp: 239775

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	31.2
203	17.5	0.0	38.1



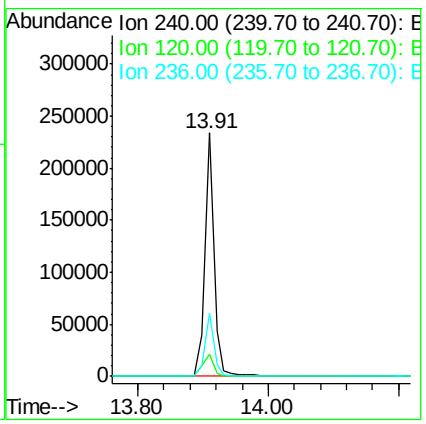


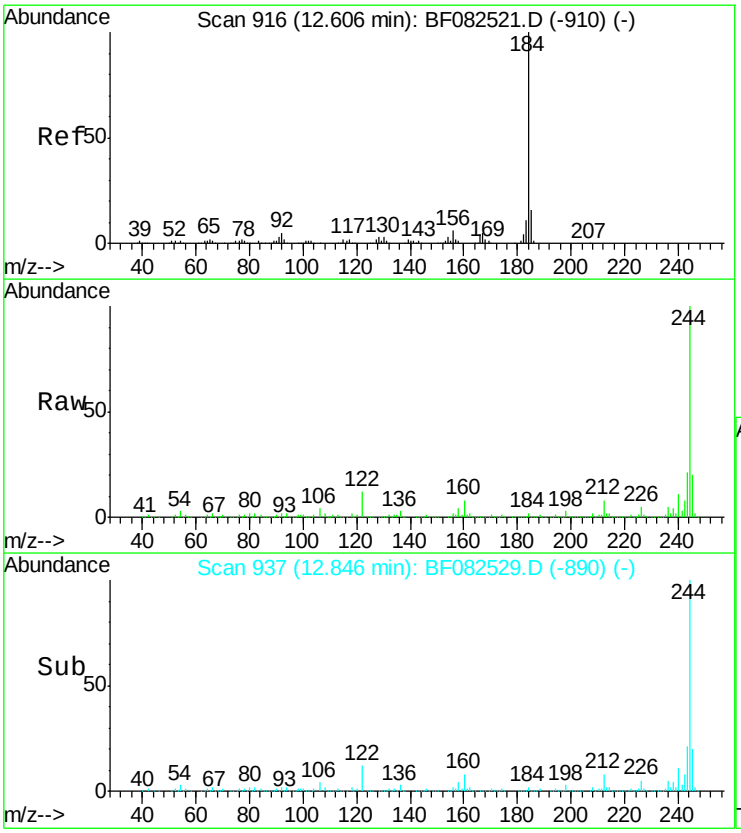
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF082529.D
Acq: 27 Oct 2015 4:08

Instrument :
BNA_F
ClientSampleId :
NB3-01(0-2)

Tgt Ion:240 Resp: 229979

Ion	Ratio	Lower	Upper
240	100		
120	9.3	6.5	9.7
236	25.7	20.5	30.7

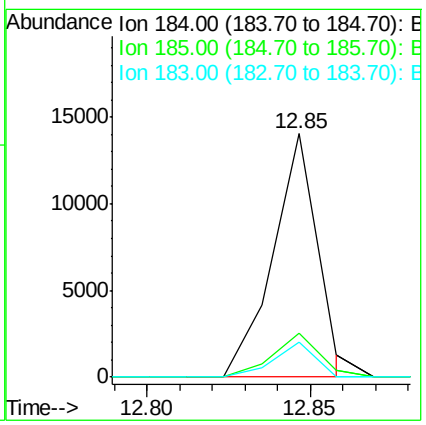


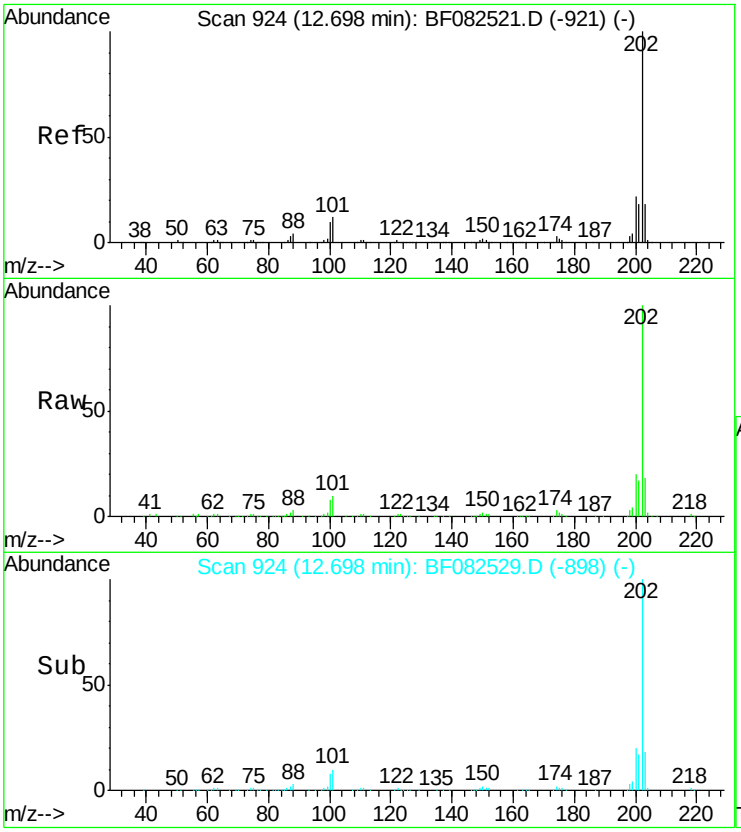


#76
Benzidine
Concen: 2.12 ng
RT: 12.85 min Scan# 937
Delta R.T. 0.24 min
Lab File: BF082529.D
Acq: 27 Oct 2015 4:08

Tgt Ion:184 Resp: 13350

Ion	Ratio	Lower	Upper
184	100		
185	18.2	12.8	19.2
183	14.3	8.9	13.3#



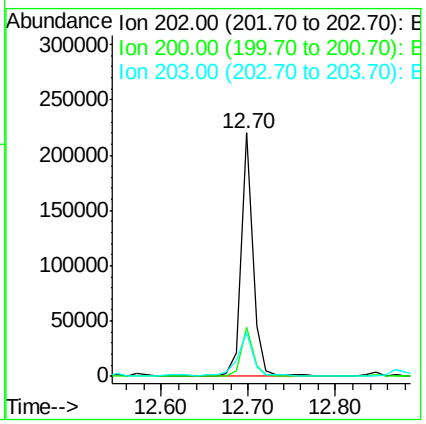


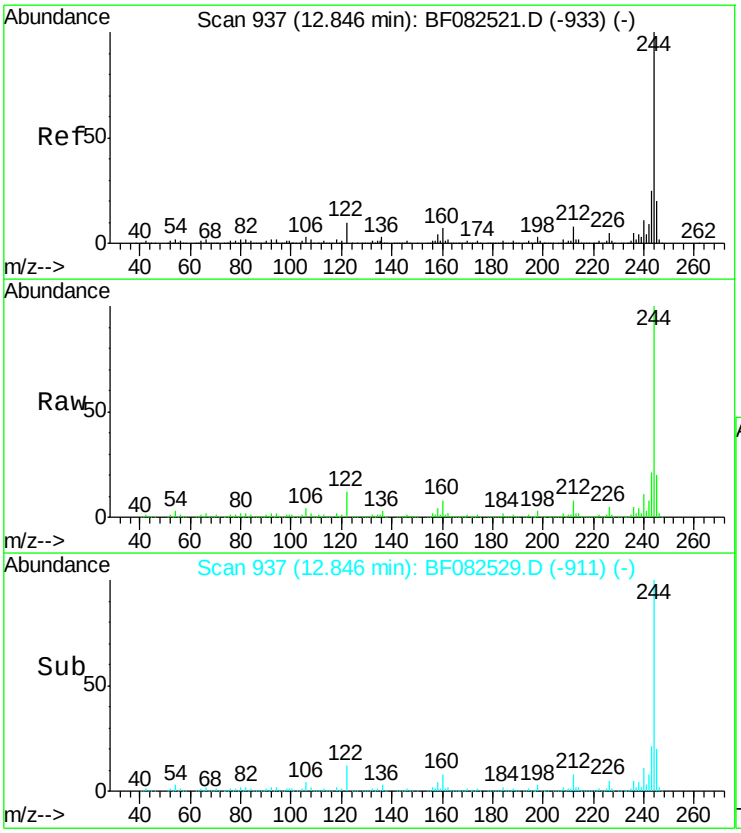
#77
Pyrene
Concen: 14.39 ng
RT: 12.70 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF082529.D
Acq: 27 Oct 2015 4:08

Instrument :
BNA_F
ClientSampleId :
NB3-01(0-2)

Tgt Ion:202 Resp: 203563

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.6	26.4
203	17.8	14.6	22.0

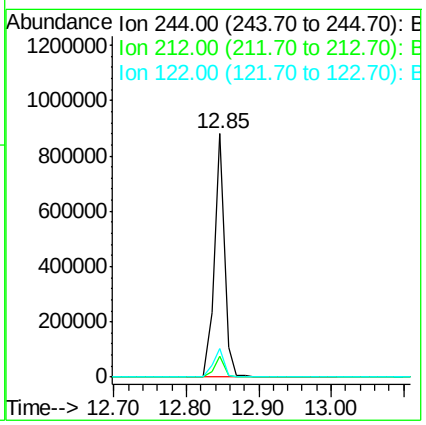


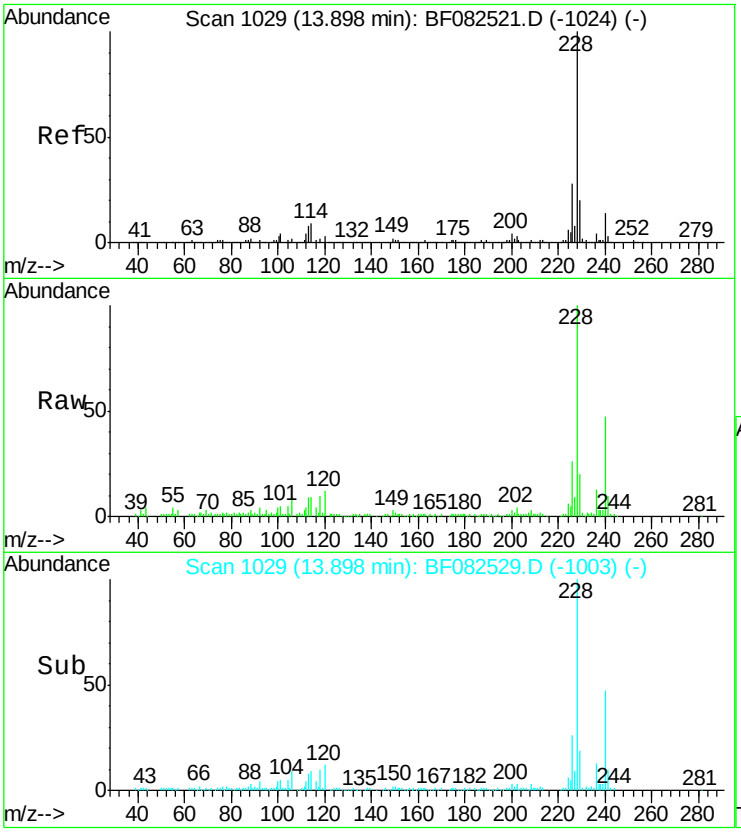


#78
Terphenyl-d14
Concen: 107.44 ng
RT: 12.85 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF082529.D
Acq: 27 Oct 2015 4:08

Tgt Ion:244 Resp: 857696

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.4	9.6
122	11.5	8.1	12.1



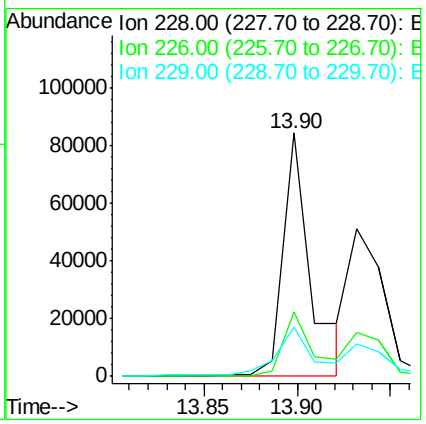


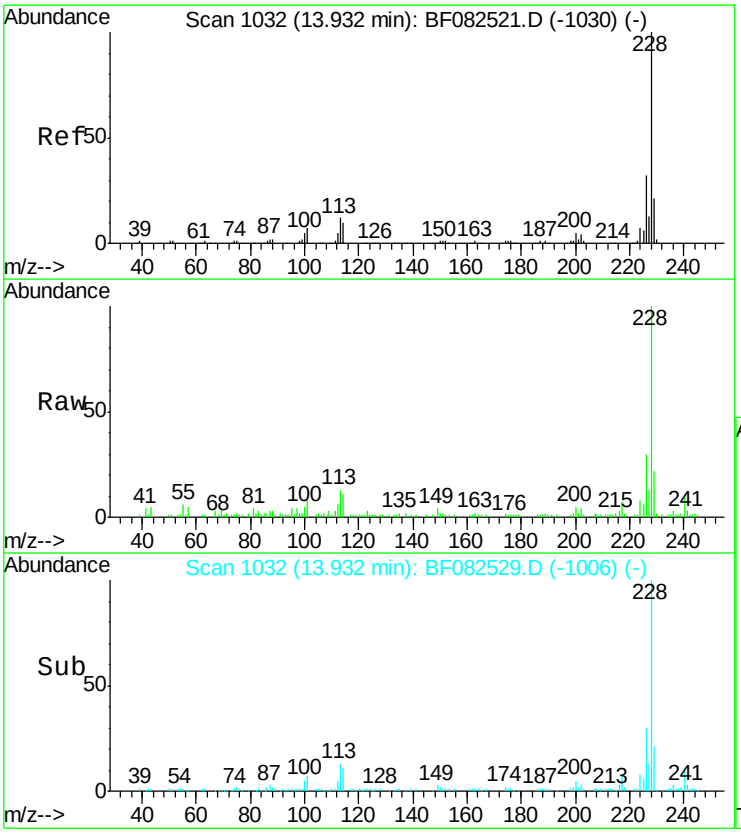
#80
Benzo(a)anthracene
Concen: 7.10 ng
RT: 13.90 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF082529.D
Acq: 27 Oct 2015 4:08

Instrument :
BNA_F
ClientSampleId :
NB3-01(0-2)

Tgt Ion:228 Resp: 87572

Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.1	33.1
229	19.9	16.1	24.1

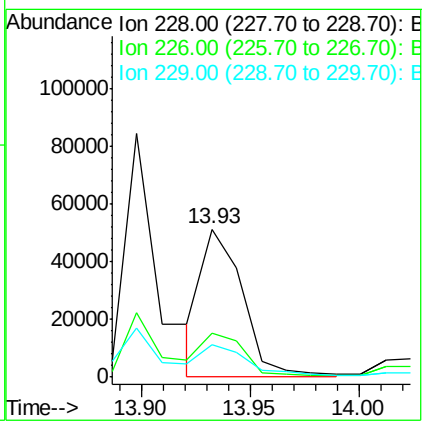


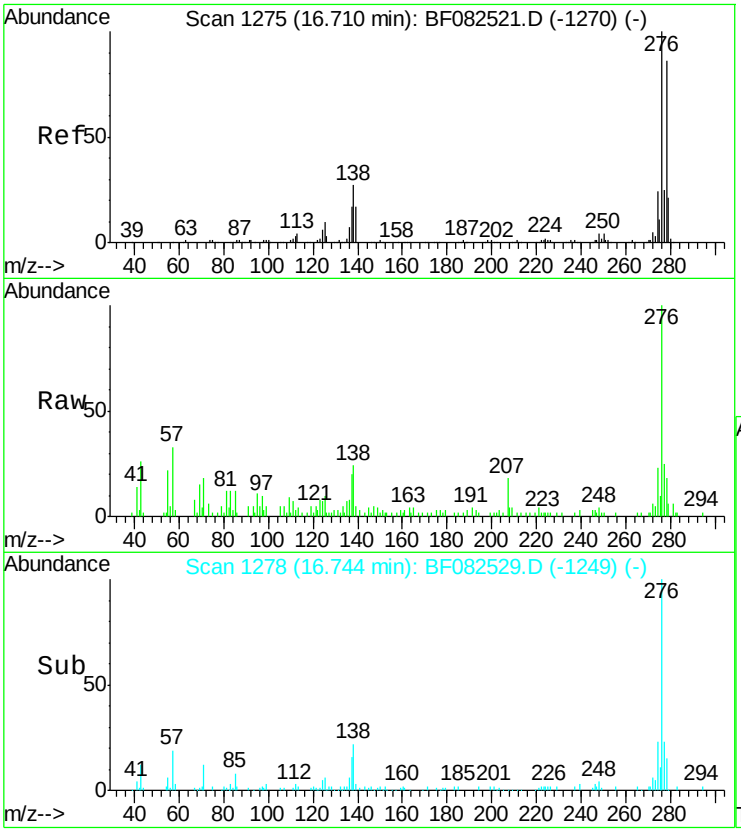


#82
Chrysene
Concen: 5.85 ng
RT: 13.93 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF082529.D
Acq: 27 Oct 2015 4:08

Tgt Ion:228 Resp: 68151

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.2	37.8
229	21.9	16.3	24.5



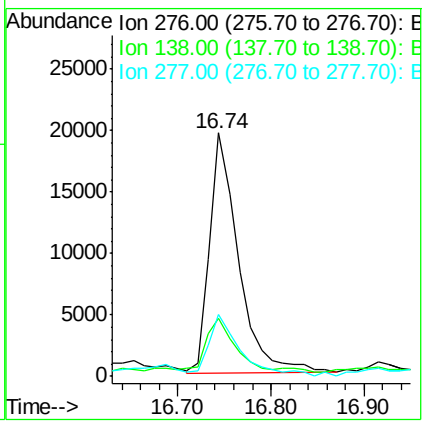


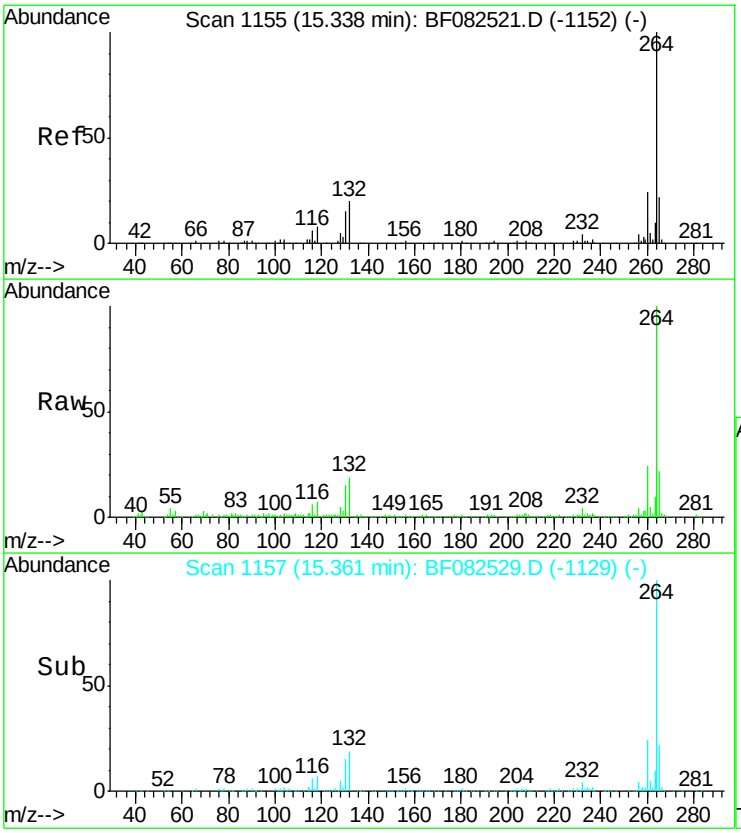
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.93 ng
RT: 16.74 min Scan# 1278
Delta R.T. 0.03 min
Lab File: BF082529.D
Acq: 27 Oct 2015 4:08

Instrument :
BNA_F
ClientSampleId :
NB3-01(0-2)

Tgt Ion:276 Resp: 42058

Ion	Ratio	Lower	Upper
276	100		
138	20.7	20.6	30.8
277	28.2	19.9	29.9

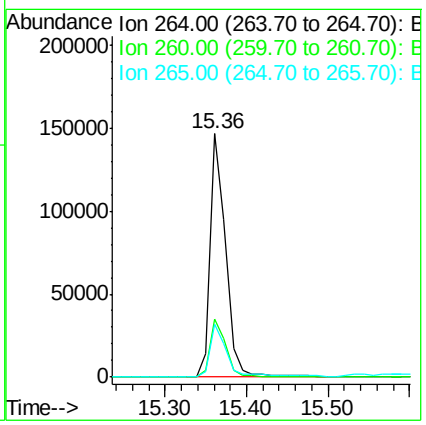


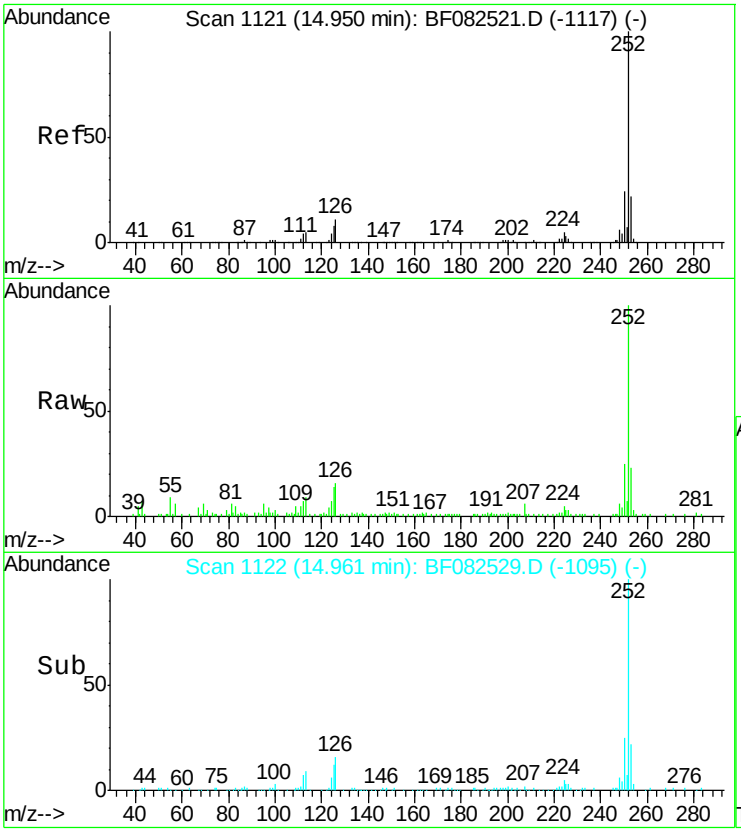


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1157
Delta R.T. 0.02 min
Lab File: BF082529.D
Acq: 27 Oct 2015 4:08

Tgt Ion:264 Resp: 196975

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	21.8	17.8	26.6



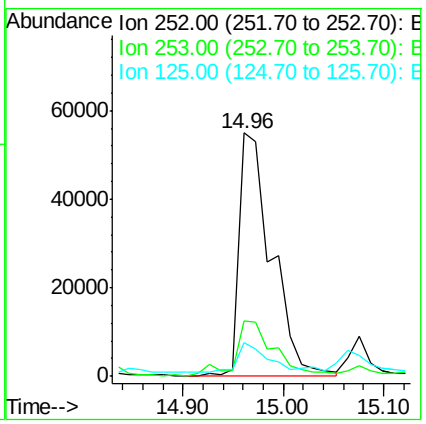


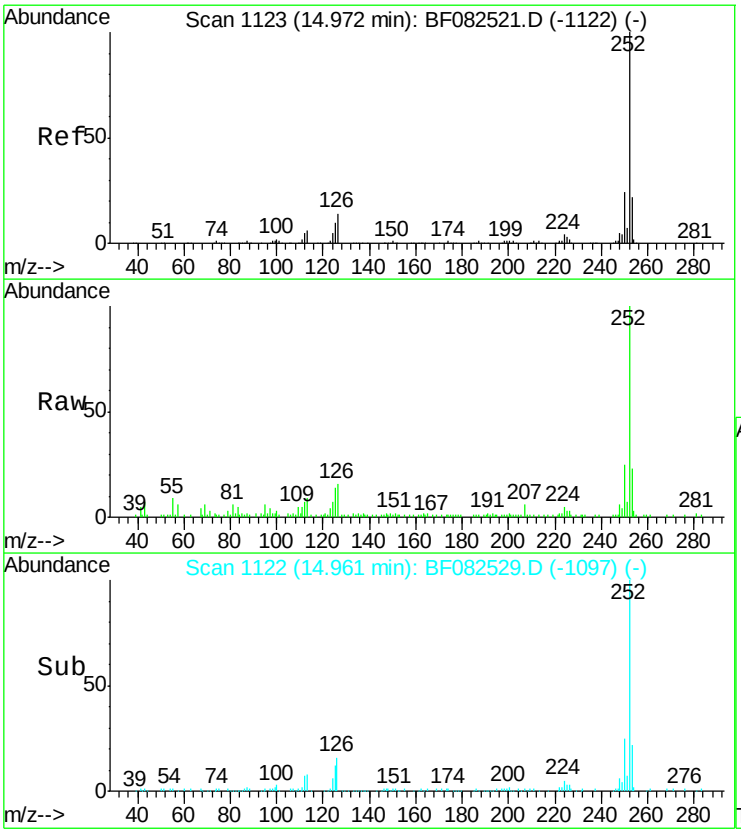
#87
Benzo(b)fluoranthene
Concen: 10.52 ng
RT: 14.96 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BF082529.D
Acq: 27 Oct 2015 4:08

Instrument :
BNA_F
ClientSampleId :
NB3-01(0-2)

Tgt Ion:252 Resp: 123055

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	13.7	6.6	10.0#

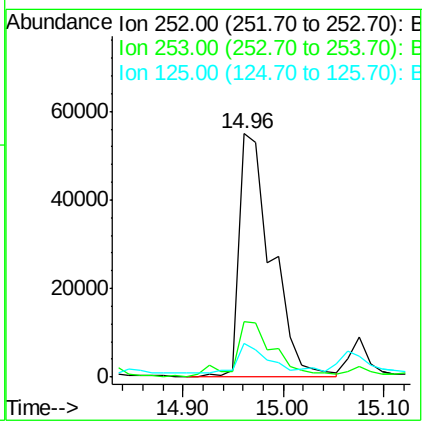


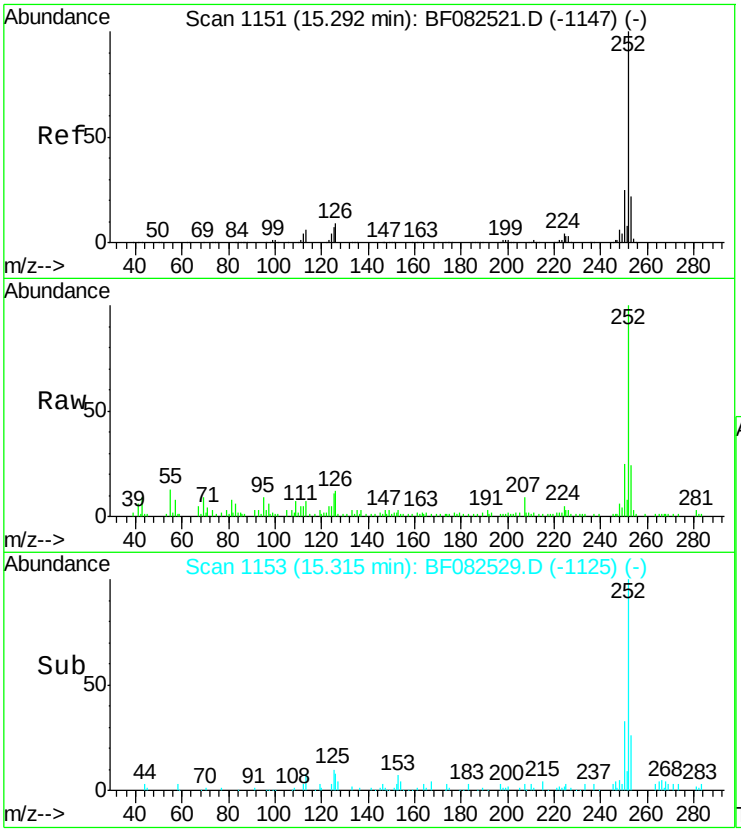


#88
Benzo(k)fluoranthene
Concen: 12.90 ng
RT: 14.96 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF082529.D
Acq: 27 Oct 2015 4:08

Tgt Ion:252 Resp: 123055

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	13.7	8.7	13.1#



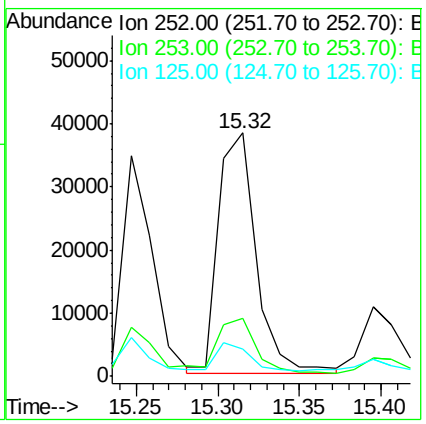


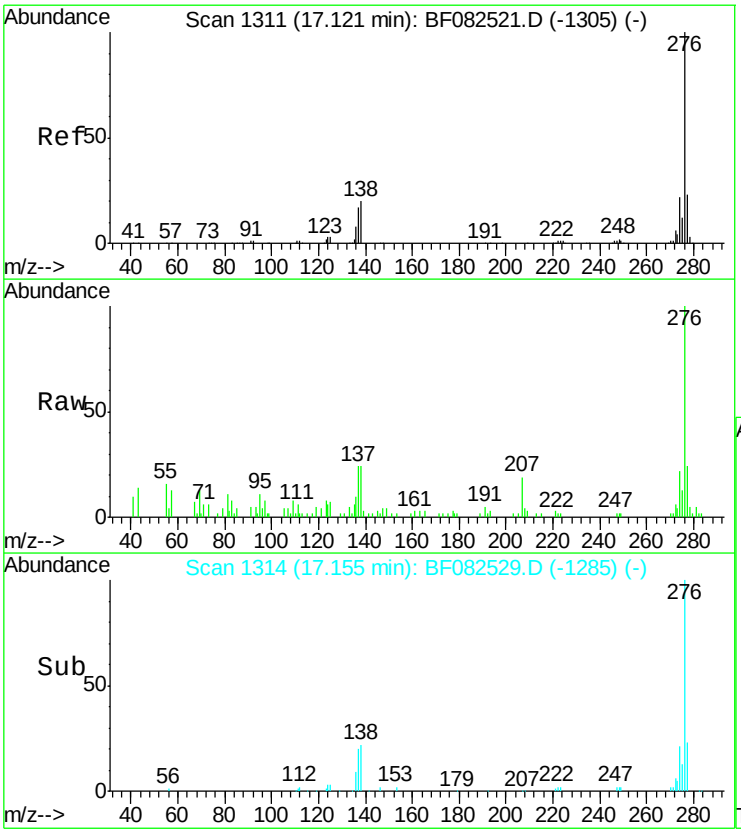
#89
Benzo(a)pyrene
Concen: 5.99 ng
RT: 15.32 min Scan# 1153
Delta R.T. 0.02 min
Lab File: BF082529.D
Acq: 27 Oct 2015 4:08

Instrument :
BNA_F
ClientSampleId :
NB3-01(0-2)

Tgt Ion:252 Resp: 60749

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.3	25.9
125	11.1	5.9	8.9#





#91
Benzo(g,h,i)perylene
Concen: 5.50 ng
RT: 17.16 min Scan# 1314
Delta R.T. 0.03 min
Lab File: BF082529.D
Acq: 27 Oct 2015 4:08

Tgt Ion:276 Resp: 46165

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.3	27.5
138	24.1	16.0	24.0#