Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF071415\
Data File : BF080489.D
Acq On : 15 Jul 2015 13:29
Operator : TP/UM
Sample : G2973-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8D12

Quant Time: Jul 15 16:09:10 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 15 03:58:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	27588	20.00	ng		0.00
21) Naphthalene-d8	8.41	136	117165	20.00	ng		0.00
38) Acenaphthene-d10	10.17	164	55831	20.00	ng		-0.01
63) Phenanthrene-d10	11.66	188	117356	20.00	ng		0.00
75) Chrysene-d12	14.63	240	122764	20.00	ng		0.15
86) Perylene-d12	16.48	264	119540	20.00	ng		0.25
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	150752	89.31	ng		0.00
7) Phenol-d6	6.76	99	193932	93.89	ng		-0.01
23) Nitrobenzene-d5	7.69	82	129389	60.45	ng		0.00
41) 2,4,6-Tribromophenol	10.97	330	35666	67.58	ng		0.00
44) 2-Fluorobiphenyl	9.48	172	209443	51.40	ng		0.00
78) Terphenyl-d14	13.35	244	192699	37.84	ng		0.07
Target Compounds							Qvalue
9) Benzaldehyde	6.90	77	3920	3.11	ng	#	71
19) n-Nitroso-di-n-propylamine	7.69	70	16462	11.77	ng	#	82
25) Isophorone	7.69	82	129384	32.74	ng	#	71
49) Dimethylphthalate	9.88	163	38403	8.69	ng		100
50) 2,6-Dinitrotoluene	10.17	165	7169	7.54	ng	#	20
56) 2,4-Dinitrotoluene	10.17	165	7167	6.65	ng	#	38
66) 4-Bromophenyl-phenylether	10.97	248	2797	2.39	ng	#	1
70) Phenanthrene	11.69	178	17529	2.57	ng		99
74) Fluoranthene	12.94	202	35227	5.24	ng		95
77) Pyrene	13.20	202	25838	3.58	ng		96
80) Benzo(a)anthracene	14.61	228	15742	2.20	ng		98
82) Chrysene	14.66	228	15265	2.23	ng		95
87) Benzo(b)fluoranthene	15.97	252	28106	4.12	ng		98
88) Benzo(k)fluoranthene	15.97	252	28106	4.26	ng	#	95

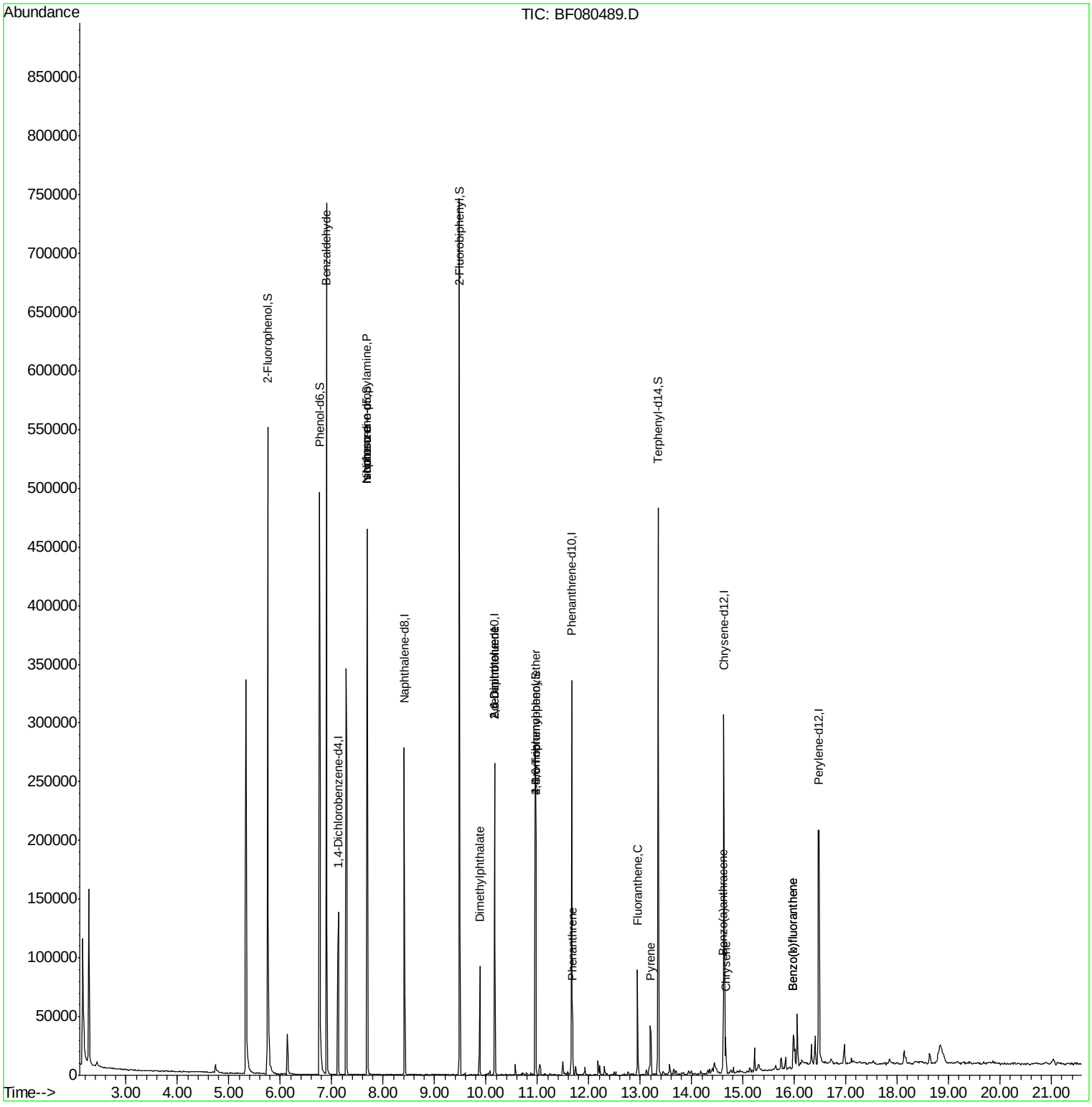
(#) = qualifier out of range (m) = manual integration (+) = signals summed

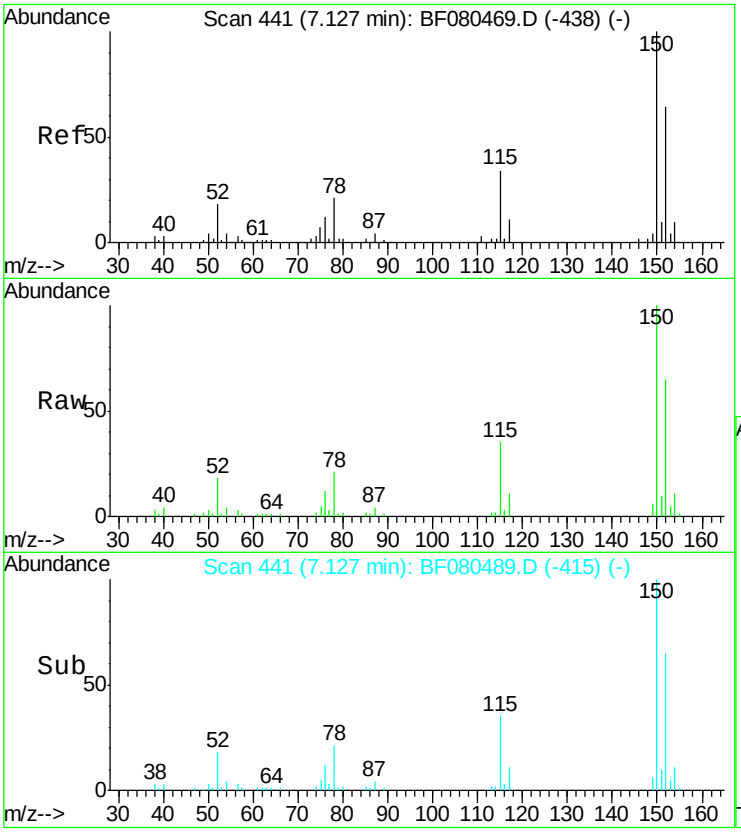
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF071415\
Data File : BF080489.D
Acq On : 15 Jul 2015 13:29
Operator : TP/UM
Sample : G2973-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8D12

Quant Time: Jul 15 16:09:10 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 15 03:58:42 2015
Response via : Initial Calibration



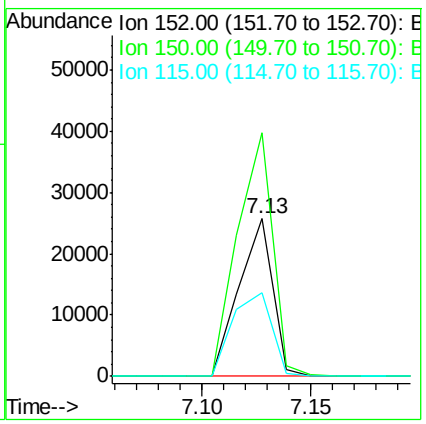


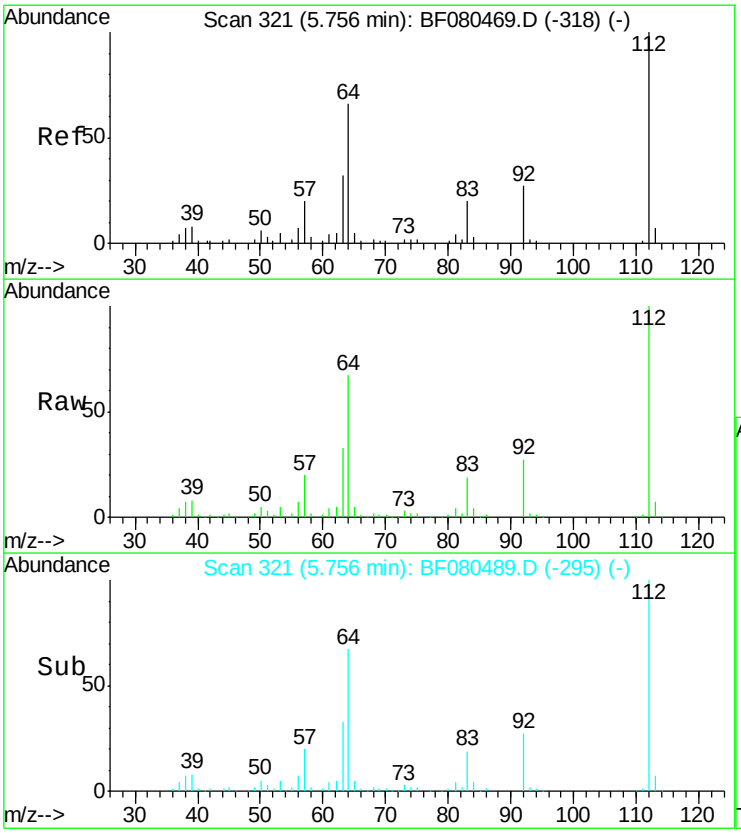
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF080489.D
Acq: 15 Jul 2015 13:29

Instrument :
BNA_F
ClientSampleId :
TP-8D12

Tgt Ion:152 Resp: 27588

Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.5	188.3
115	53.4	42.9	64.3

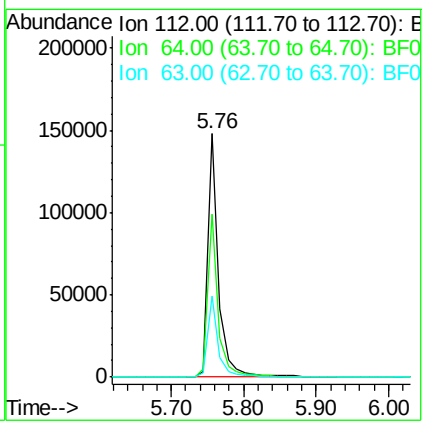


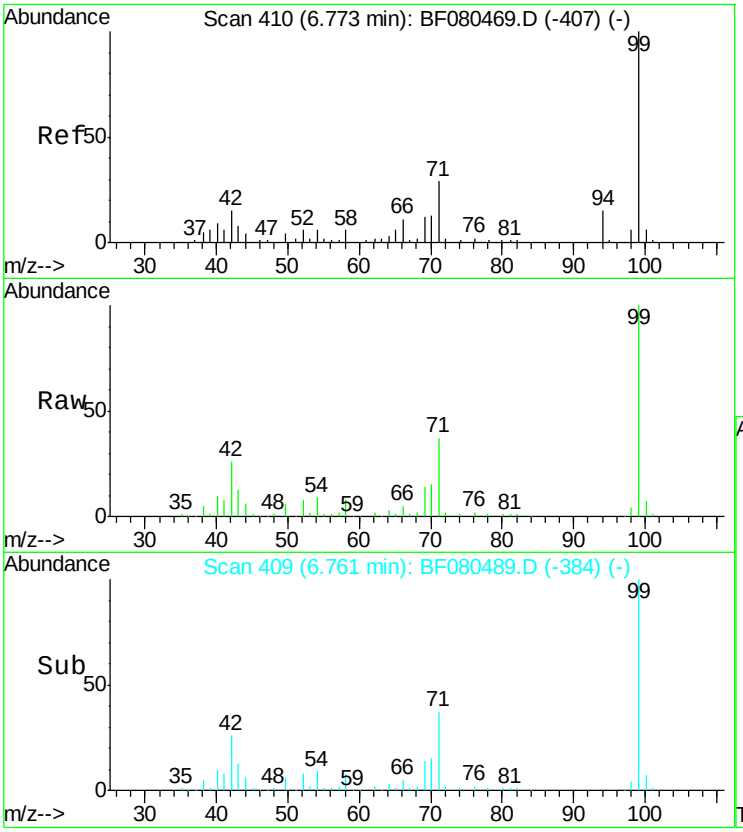


#5
2-Fluorophenol
Concen: 89.31 ng
RT: 5.76 min Scan# 321
Delta R.T. 0.00 min
Lab File: BF080489.D
Acq: 15 Jul 2015 13:29

Tgt Ion:112 Resp: 150752

Ion	Ratio	Lower	Upper
112	100		
64	67.0	52.6	79.0
63	33.3	25.9	38.9



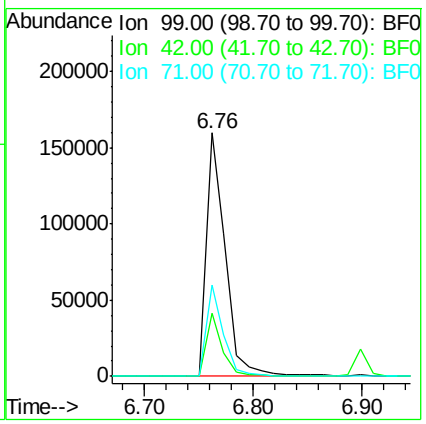


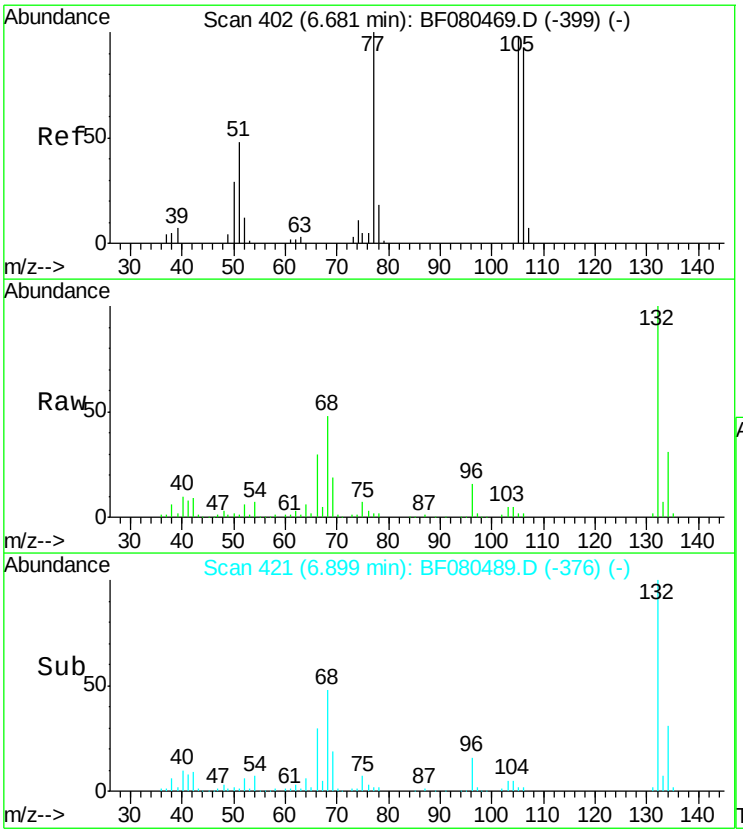
#7
Phenol-d6
Concen: 93.89 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF080489.D
Acq: 15 Jul 2015 13:29

Instrument :
BNA_F
ClientSampleId :
TP-8D12

Tgt Ion: 99 Resp: 193932

Ion	Ratio	Lower	Upper
99	100		
42	26.1	12.4	18.6#
71	37.4	22.9	34.3#

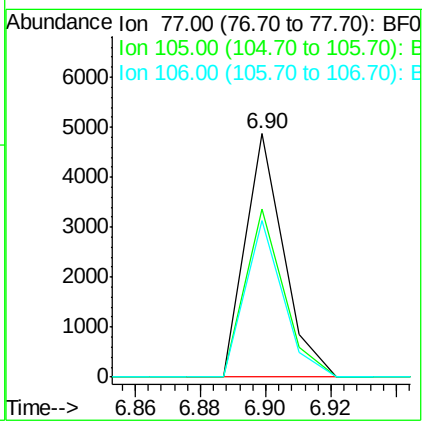


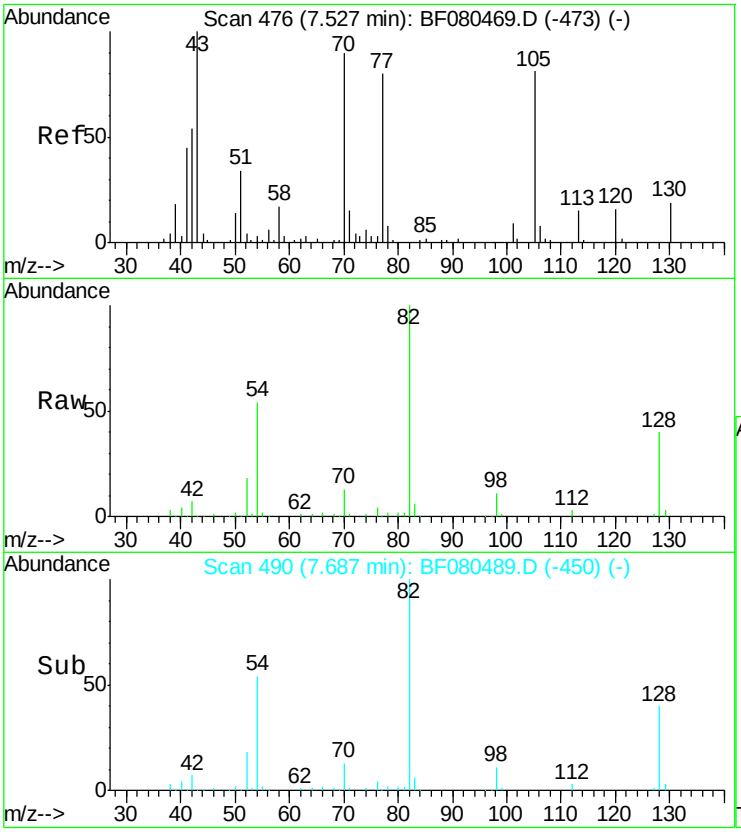


#9
Benzaldehyde
Concen: 3.11 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.22 min
Lab File: BF080489.D
Acq: 15 Jul 2015 13:29

Tgt Ion: 77 Resp: 3920

Ion	Ratio	Lower	Upper
77	100		
105	69.2	77.7	117.7#
106	64.4	72.6	112.6#



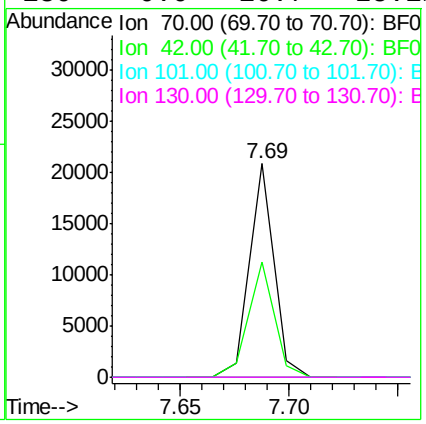


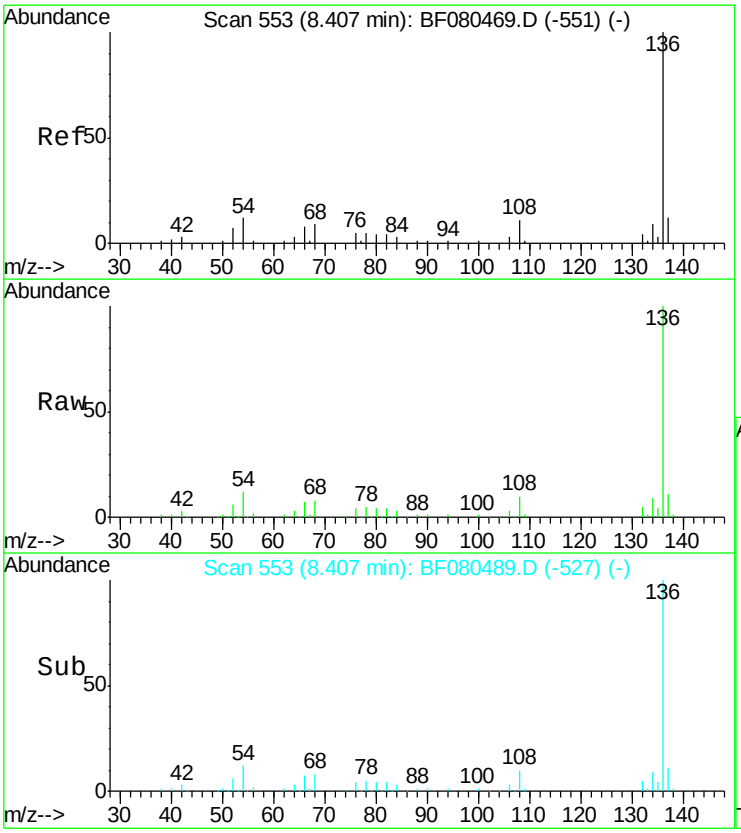
#19
n-Nitroso-di-n-propylamine
Concen: 11.77 ng
RT: 7.69 min Scan# 490
Delta R.T. 0.16 min
Lab File: BF080489.D
Acq: 15 Jul 2015 13:29

Instrument :
BNA_F
ClientSampleId :
TP-8D12

Tgt Ion: 70 Resp: 16462

Ion	Ratio	Lower	Upper
70	100		
42	54.1	48.0	72.0
101	0.0	7.8	11.6#
130	0.0	16.7	25.1#

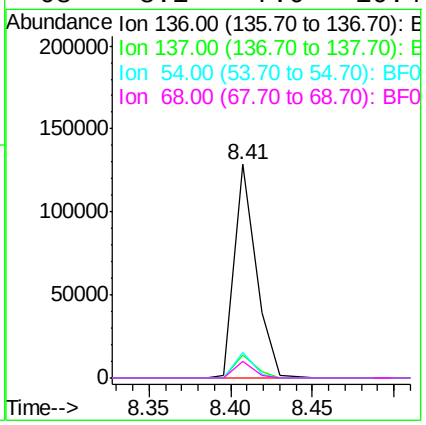


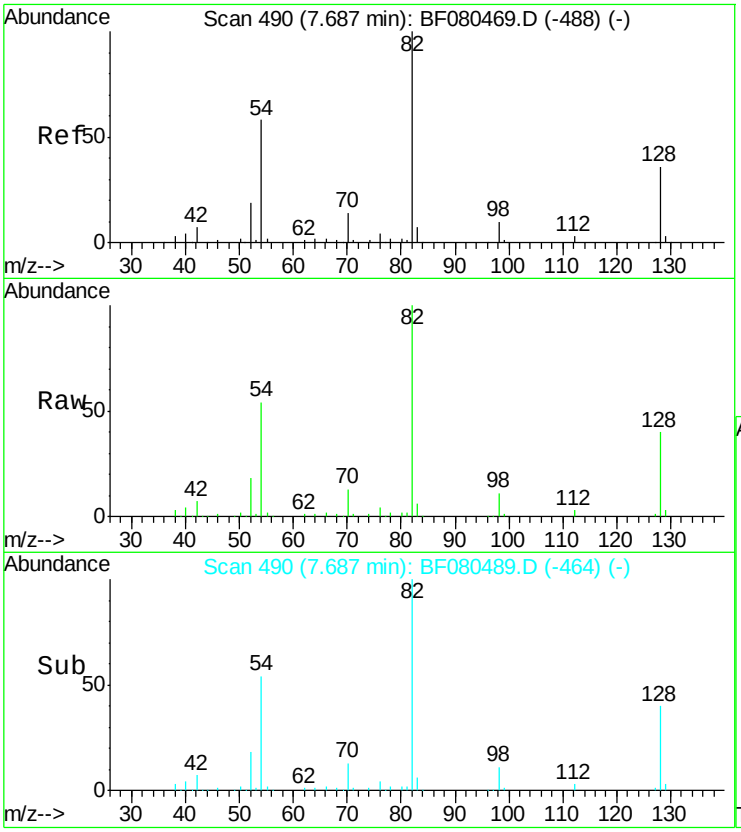


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.41 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF080489.D
Acq: 15 Jul 2015 13:29

Tgt Ion:136 Resp: 117165

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.5	14.3
54	11.8	9.8	14.8
68	8.1	7.0	10.4



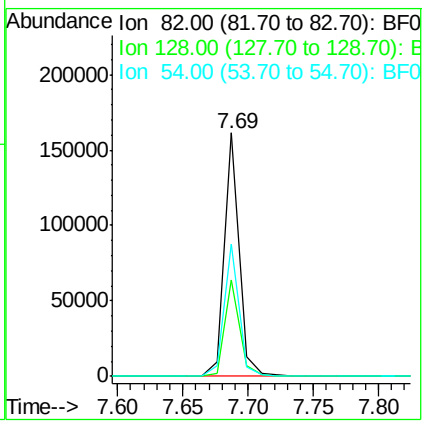


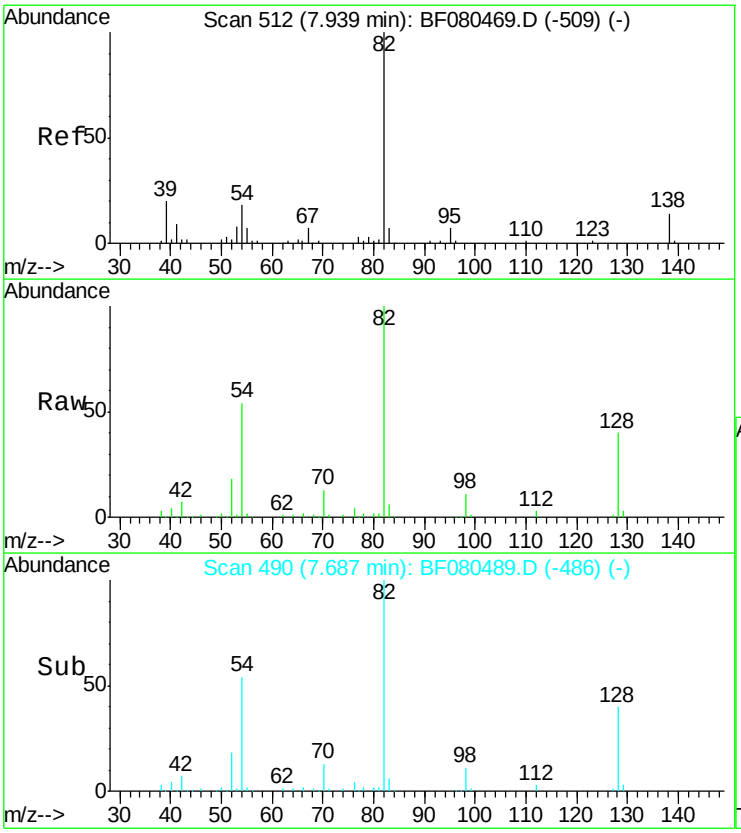
#23
Nitrobenzene-d5
Concen: 60.45 ng
RT: 7.69 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF080489.D
Acq: 15 Jul 2015 13:29

Instrument :
BNA_F
ClientSampleId :
TP-8D12

Tgt Ion: 82 Resp: 129389

Ion	Ratio	Lower	Upper
82	100		
128	39.7	29.0	43.4
54	54.2	46.4	69.6

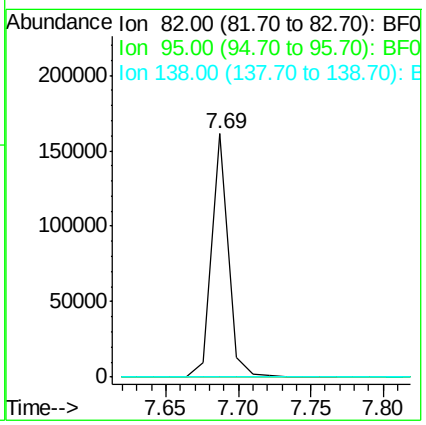


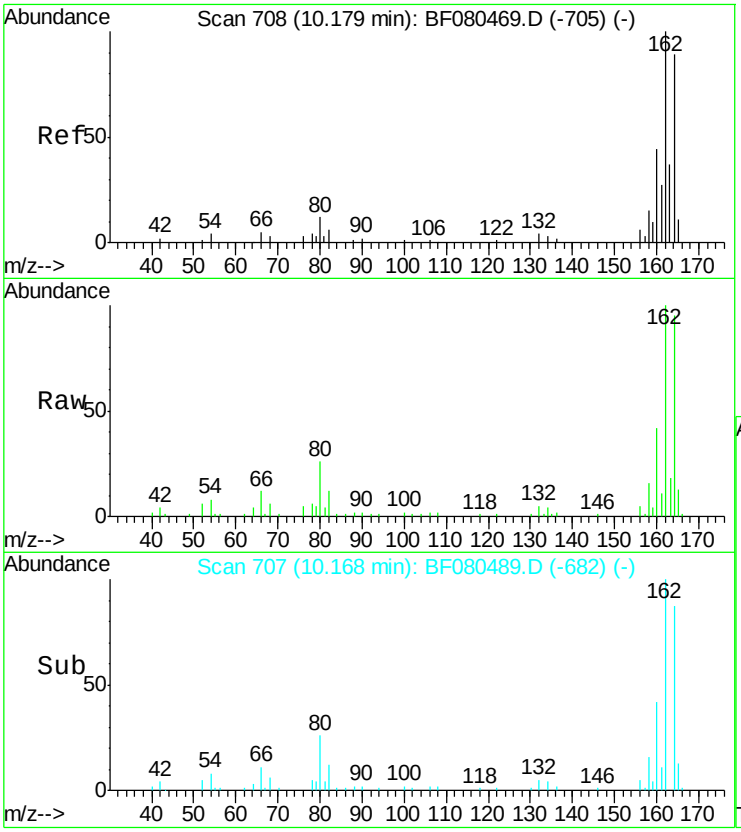


#25
Isophorone
Concen: 32.74 ng
RT: 7.69 min Scan# 490
Delta R.T. -0.25 min
Lab File: BF080489.D
Acq: 15 Jul 2015 13:29

Tgt Ion: 82 Resp: 129384

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	10.8	16.2#



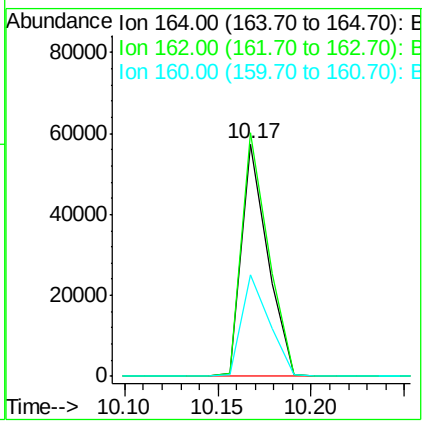


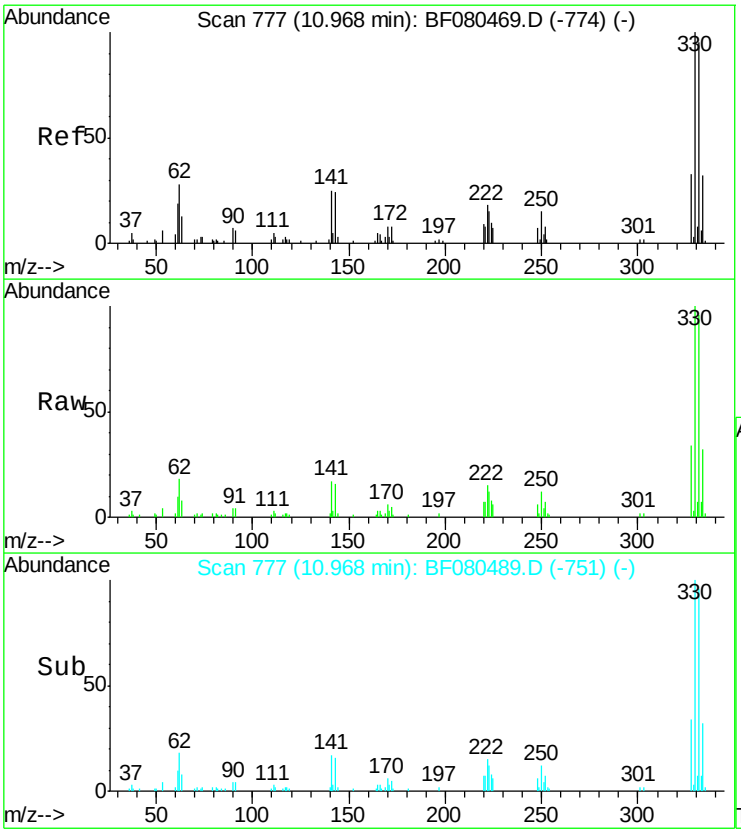
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF080489.D
Acq: 15 Jul 2015 13:29

Instrument :
BNA_F
ClientSampleId :
TP-8D12

Tgt Ion:164 Resp: 55831

Ion	Ratio	Lower	Upper
164	100		
162	104.9	89.8	134.8
160	44.0	39.5	59.3

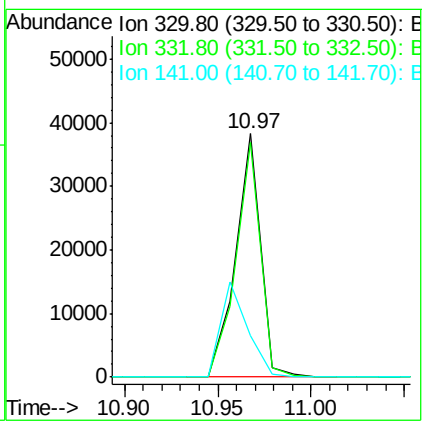


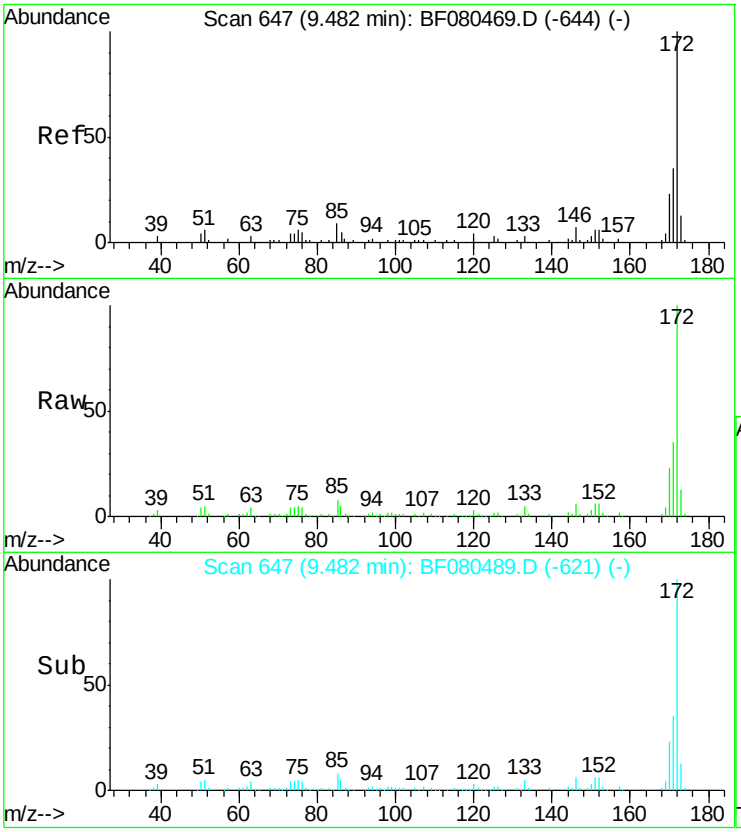


#41
2,4,6-Tribromophenol
Concen: 67.58 ng
RT: 10.97 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF080489.D
Acq: 15 Jul 2015 13:29

Tgt Ion:330 Resp: 35666

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.2	114.4
141	41.9	29.8	44.6



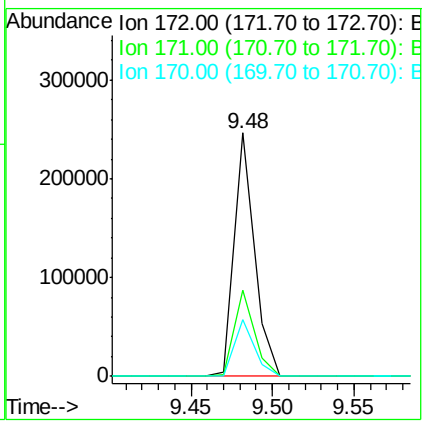


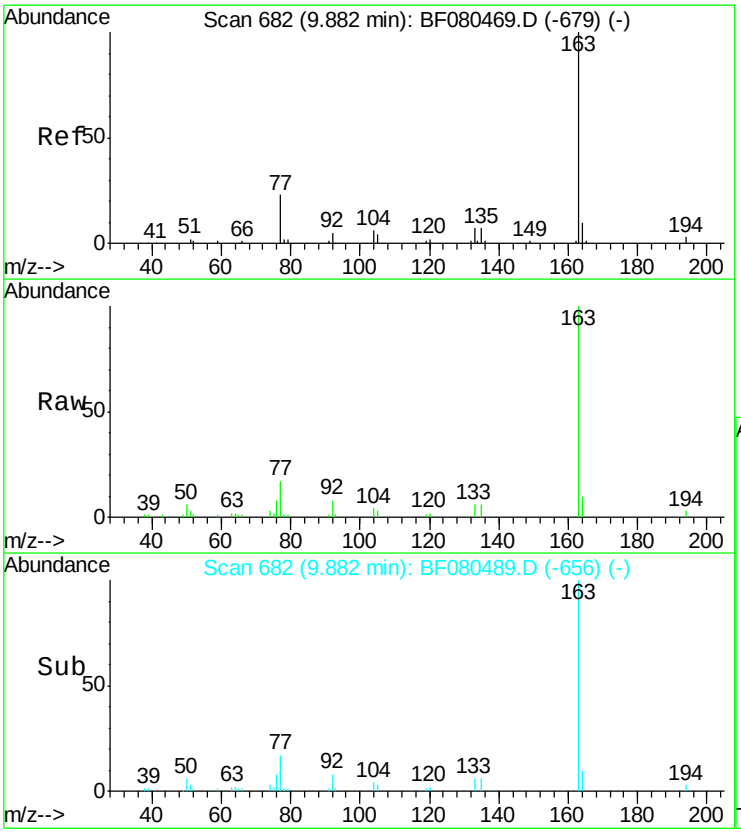
#44
2-Fluorobiphenyl
Concen: 51.40 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF080489.D
Acq: 15 Jul 2015 13:29

Instrument :
BNA_F
ClientSampleId :
TP-8D12

Tgt Ion:172 Resp: 209443

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.9	41.9
170	23.4	18.5	27.7

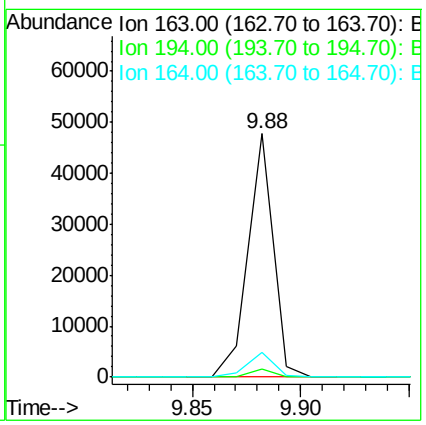


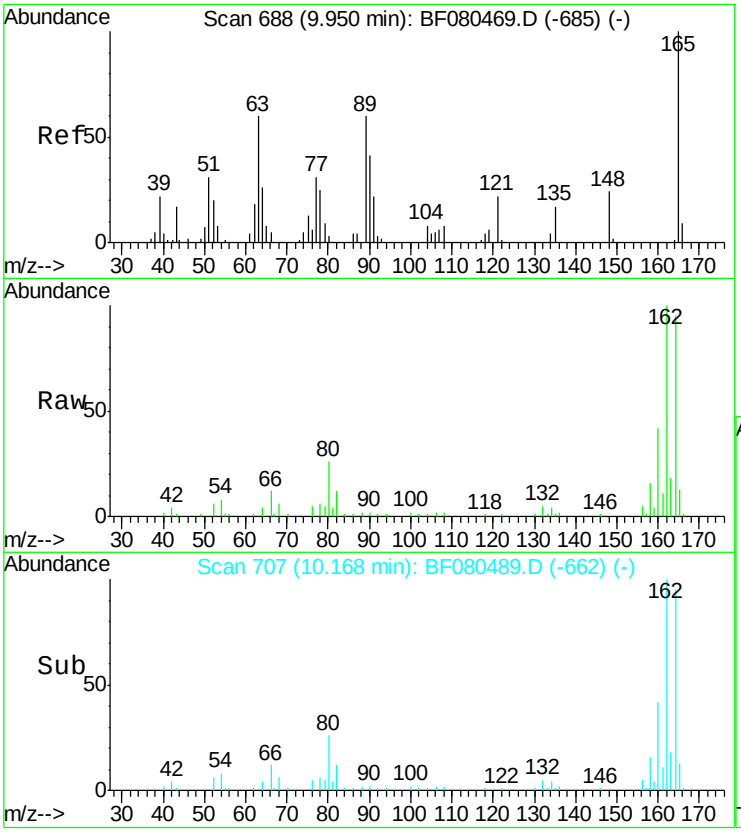


#49
Dimethylphthalate
Concen: 8.69 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF080489.D
Acq: 15 Jul 2015 13:29

Tgt Ion:163 Resp: 38403

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	3.8
164	10.2	8.1	12.1



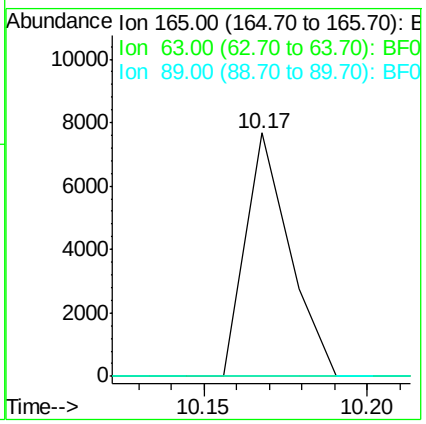


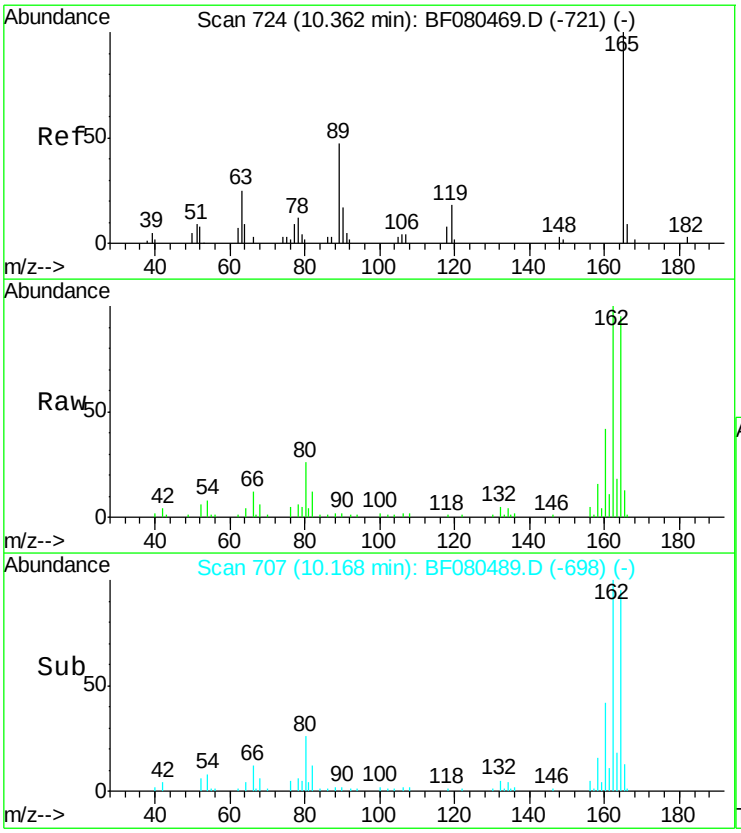
#50
2,6-Dinitrotoluene
Concen: 7.54 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.22 min
Lab File: BF080489.D
Acq: 15 Jul 2015 13:29

Instrument :
BNA_F
ClientSampleId :
TP-8D12

Tgt Ion:165 Resp: 7169

Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.6	74.4#
89	0.0	47.6	71.4#

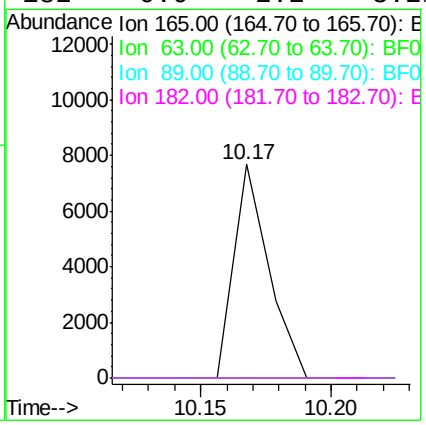


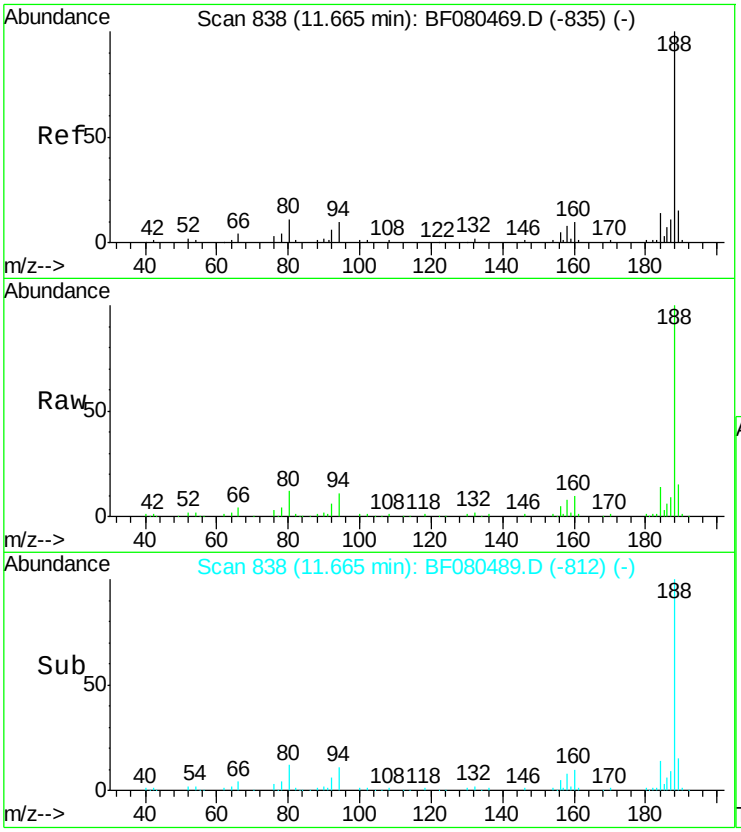


#56
2,4-Dinitrotoluene
Concen: 6.65 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.19 min
Lab File: BF080489.D
Acq: 15 Jul 2015 13:29

Tgt Ion:165 Resp: 7167

Ion	Ratio	Lower	Upper
165	100		
63	0.0	21.7	32.5#
89	0.0	37.4	56.2#
182	0.0	2.2	3.2#



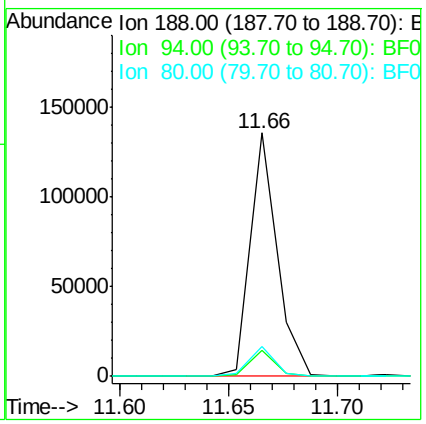


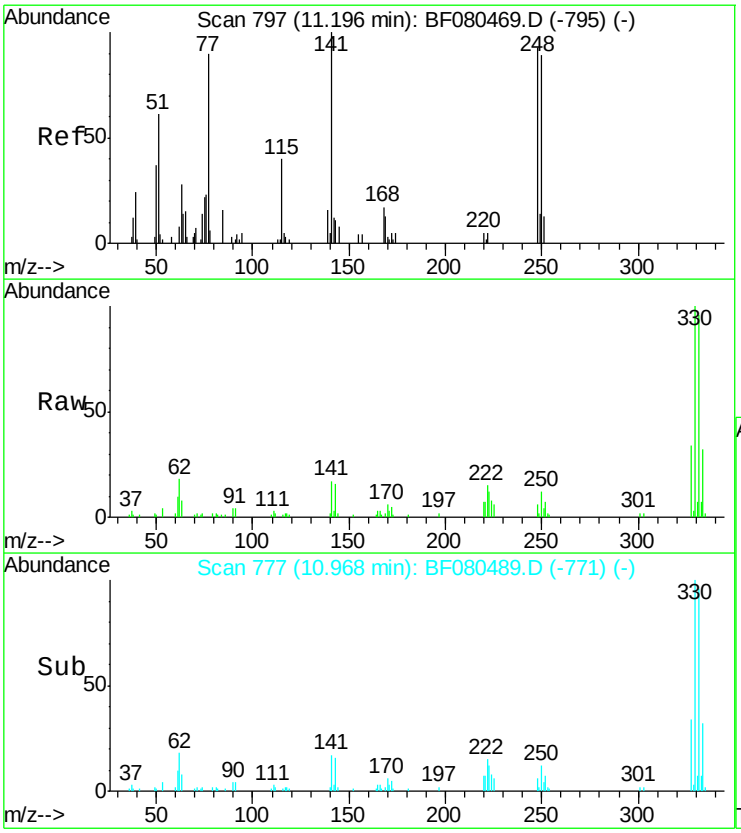
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.66 min Scan# 838
Delta R.T. -0.00 min
Lab File: BF080489.D
Acq: 15 Jul 2015 13:29

Instrument :
BNA_F
ClientSampleId :
TP-8D12

Tgt Ion:188 Resp: 117356

Ion	Ratio	Lower	Upper
188	100		
94	10.8	7.7	11.5
80	12.4	8.8	13.2

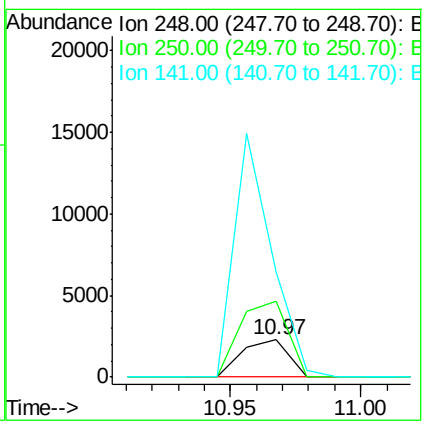


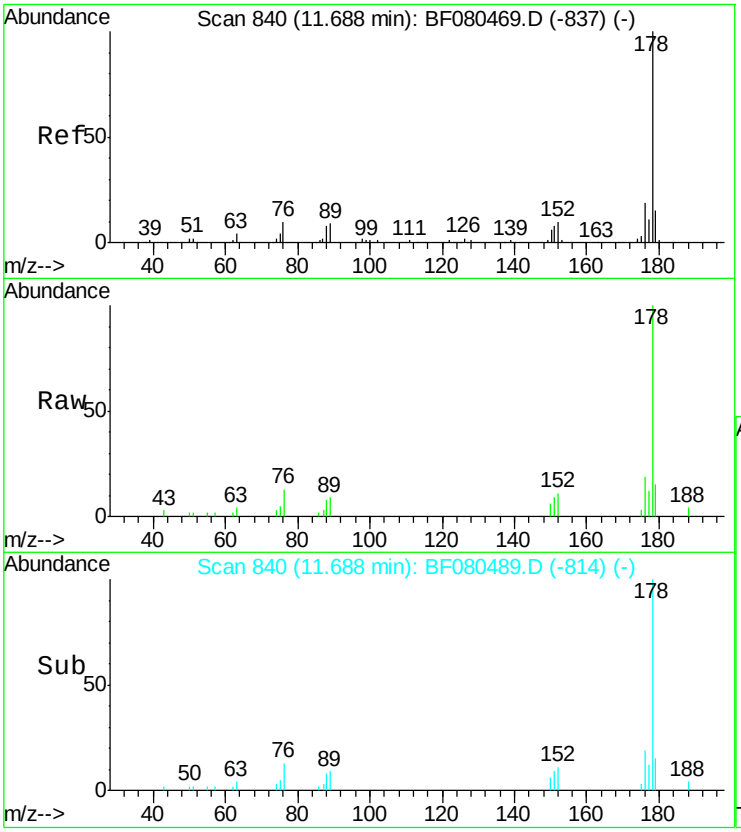


#66
4-Bromophenyl-phenylether
Concen: 2.39 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.23 min
Lab File: BF080489.D
Acq: 15 Jul 2015 13:29

Tgt Ion:248 Resp: 2797

Ion	Ratio	Lower	Upper
248	100		
250	203.6	76.8	115.2#
141	285.0	86.3	129.5#



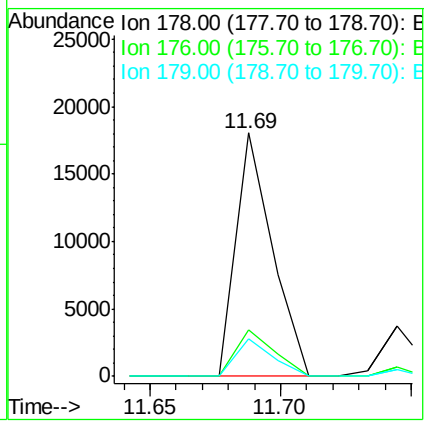


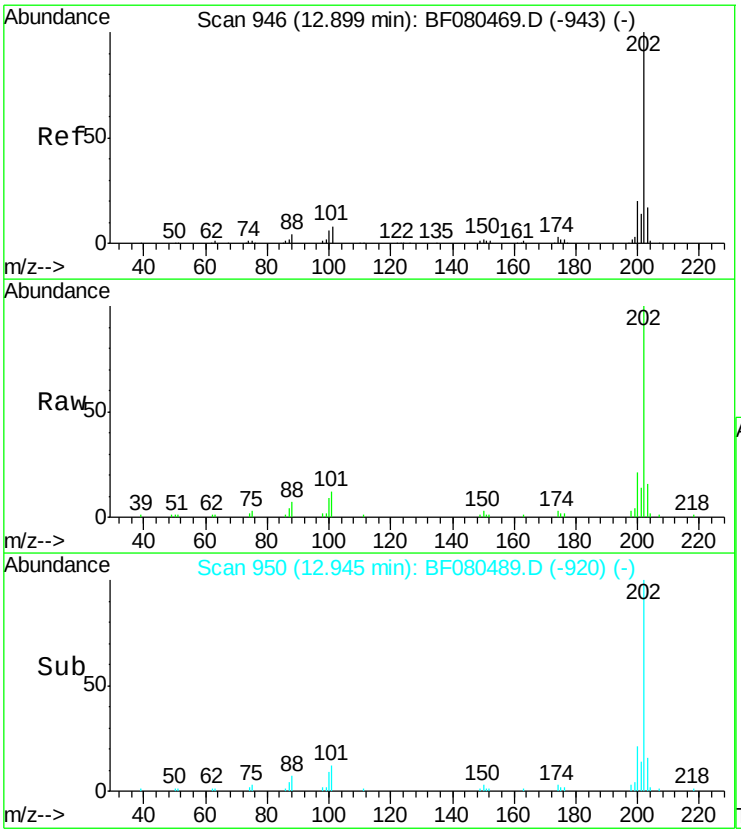
#70
Phenanthrene
Concen: 2.57 ng
RT: 11.69 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF080489.D
Acq: 15 Jul 2015 13:29

Instrument :
BNA_F
ClientSampleId :
TP-8D12

Tgt Ion:178 Resp: 17529

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.3	11.8	17.6

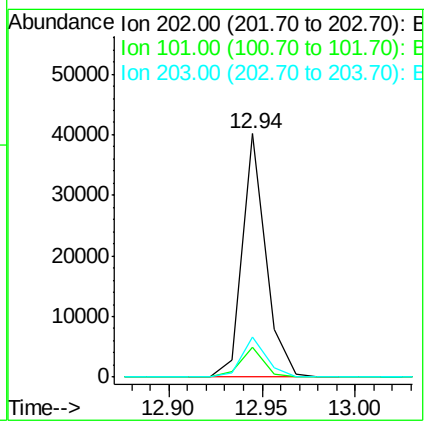


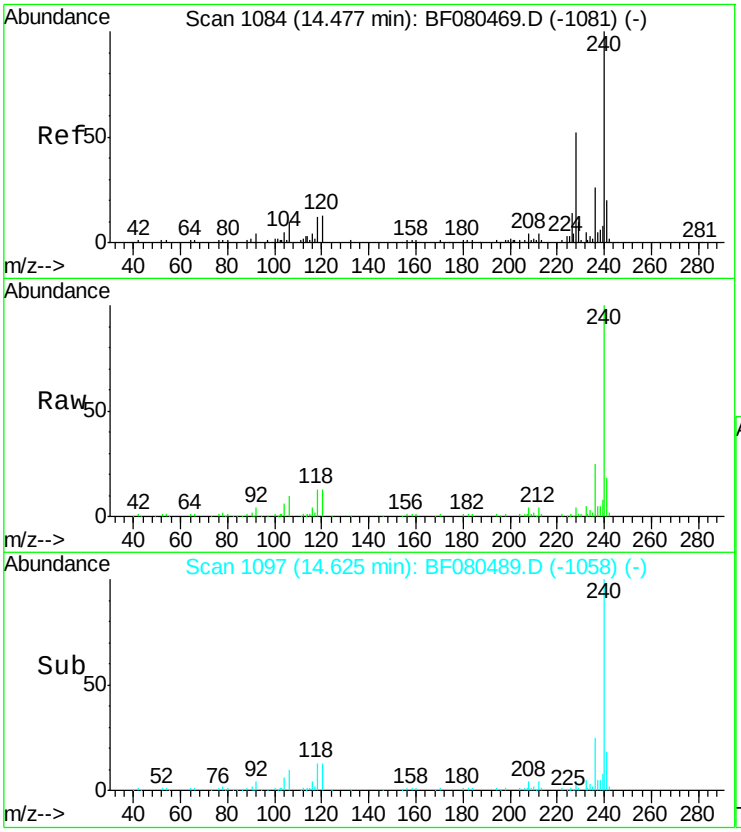


#74
Fluoranthene
Concen: 5.24 ng
RT: 12.94 min Scan# 950
Delta R.T. 0.05 min
Lab File: BF080489.D
Acq: 15 Jul 2015 13:29

Tgt Ion:202 Resp: 35227

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	27.9
203	16.4	0.0	37.2



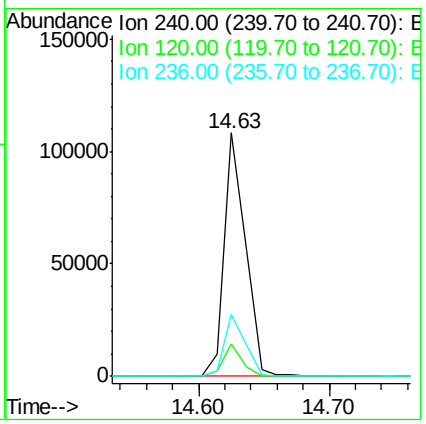


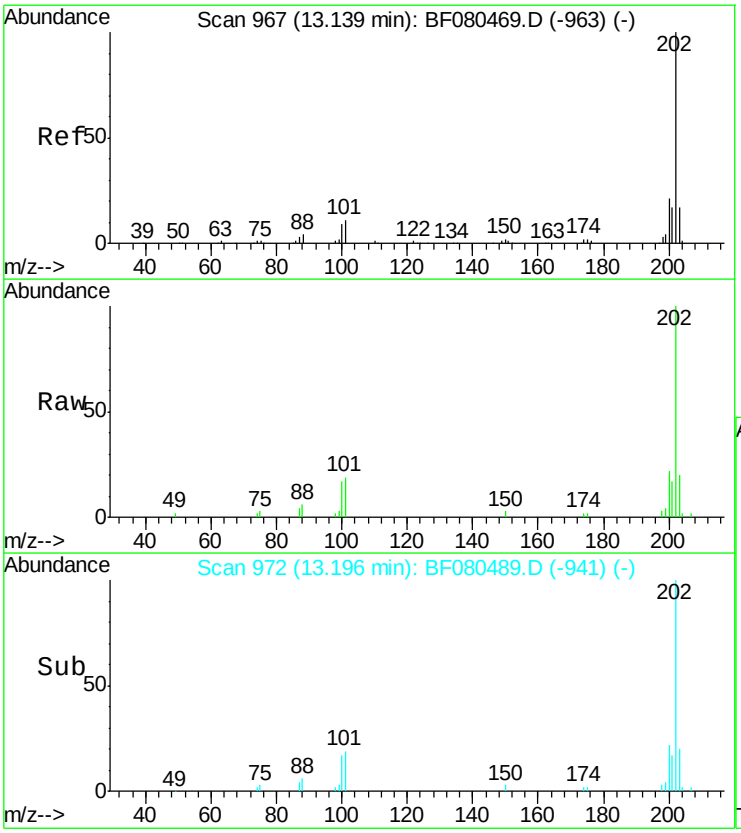
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.63 min Scan# 1097
Delta R.T. 0.15 min
Lab File: BF080489.D
Acq: 15 Jul 2015 13:29

Instrument :
BNA_F
ClientSampleId :
TP-8D12

Tgt Ion:240 Resp: 122764

Ion	Ratio	Lower	Upper
240	100		
120	13.4	10.2	15.4
236	25.3	20.6	30.8

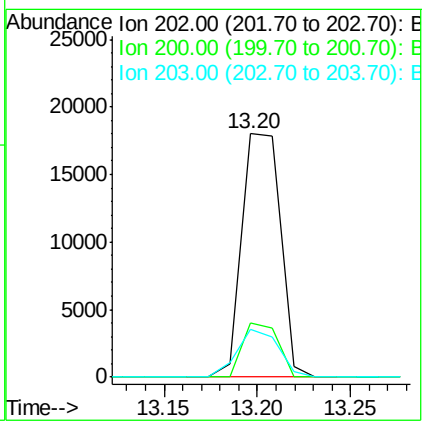


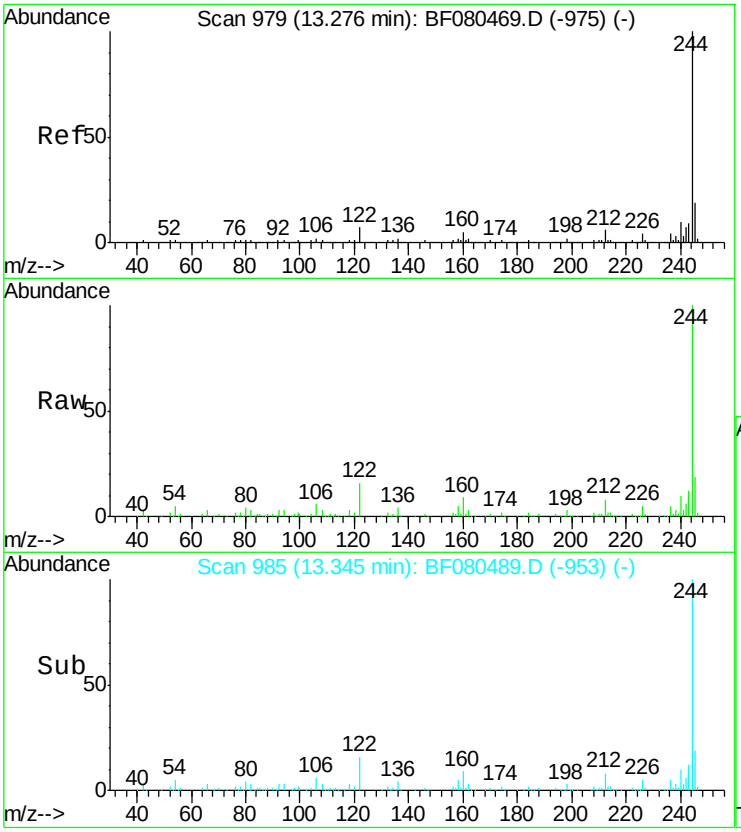


#77
Pyrene
Concen: 3.58 ng
RT: 13.20 min Scan# 972
Delta R.T. 0.06 min
Lab File: BF080489.D
Acq: 15 Jul 2015 13:29

Tgt Ion:202 Resp: 25838

Ion	Ratio	Lower	Upper
202	100		
200	22.3	16.6	24.8
203	19.5	13.8	20.6



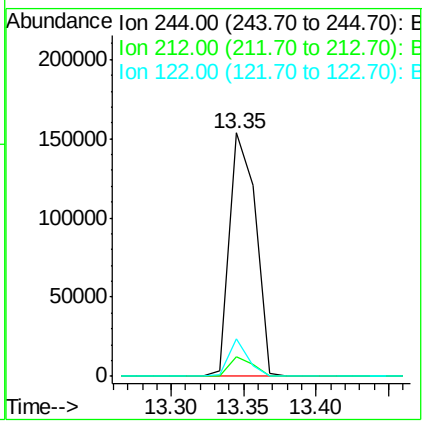


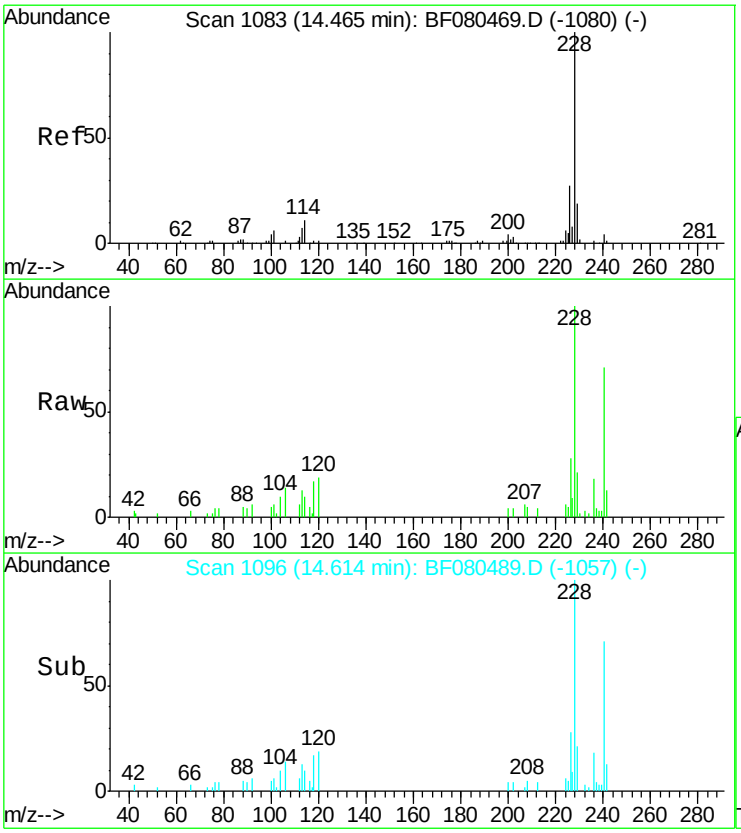
#78
Terphenyl-d14
Concen: 37.84 ng
RT: 13.35 min Scan# 985
Delta R.T. 0.07 min
Lab File: BF080489.D
Acq: 15 Jul 2015 13:29

Instrument :
BNA_F
ClientSampleId :
TP-8D12

Tgt Ion:244 Resp: 192699

Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.9	7.3#
122	15.6	5.2	7.8#

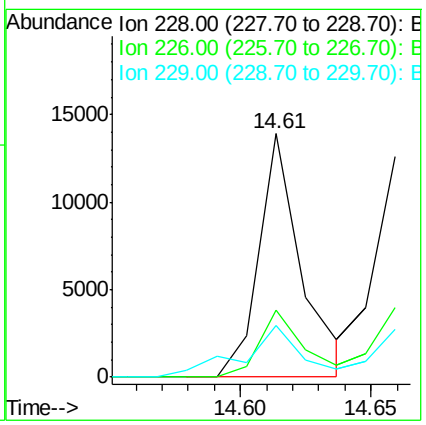


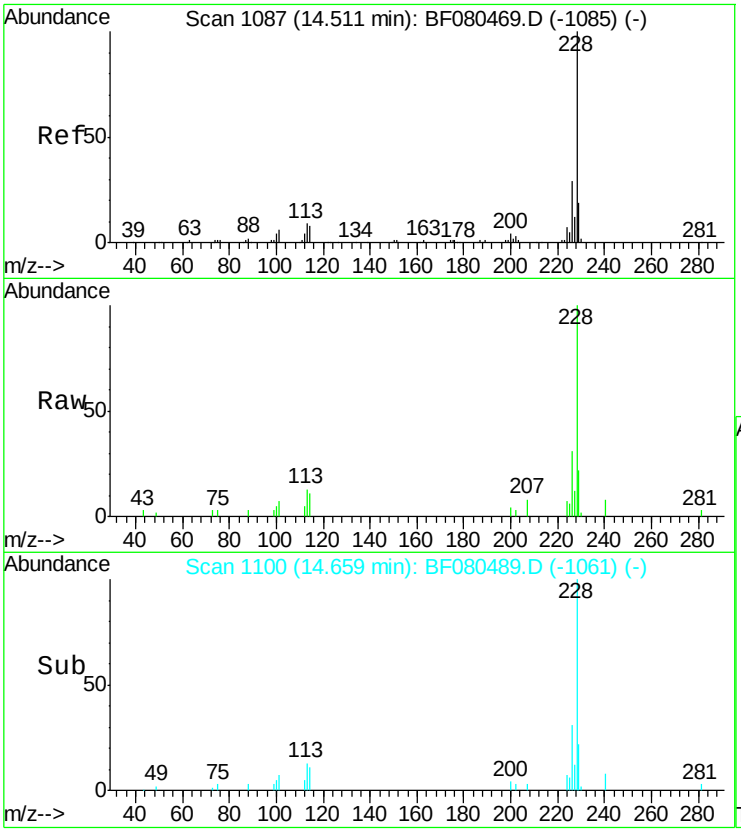


#80
Benzo(a)anthracene
Concen: 2.20 ng
RT: 14.61 min Scan# 1096
Delta R.T. 0.15 min
Lab File: BF080489.D
Acq: 15 Jul 2015 13:29

Tgt Ion:228 Resp: 15742

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.8
229	21.0	15.3	22.9



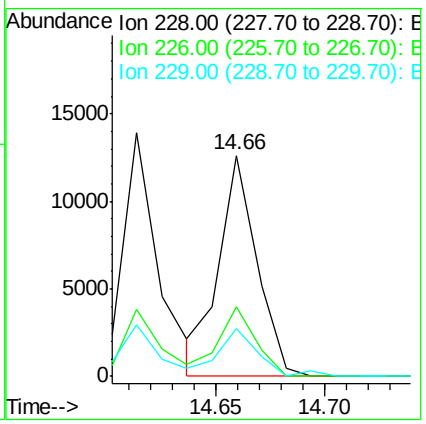


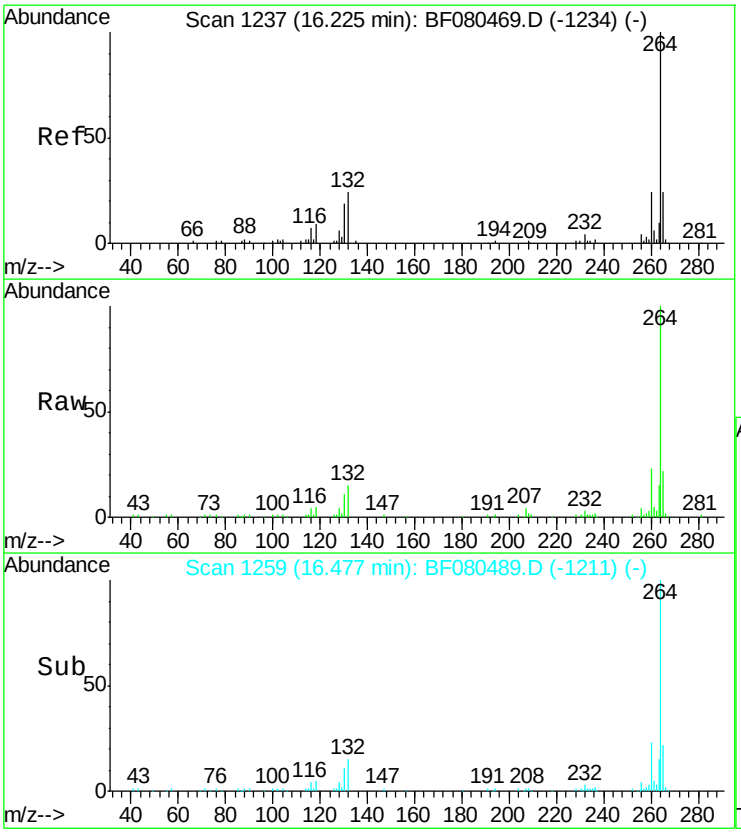
#82
Chrysene
Concen: 2.23 ng
RT: 14.66 min Scan# 1100
Delta R.T. 0.15 min
Lab File: BF080489.D
Acq: 15 Jul 2015 13:29

Instrument :
BNA_F
ClientSampleId :
TP-8D12

Tgt Ion:228 Resp: 15265

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.1	34.7
229	21.7	15.3	22.9

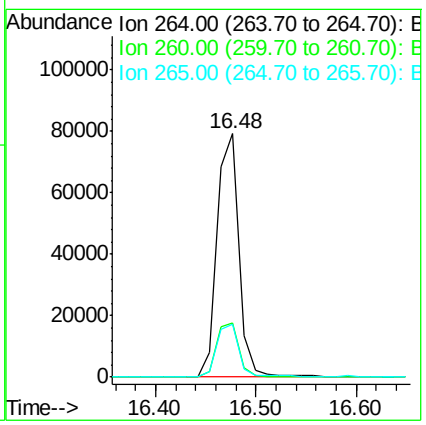


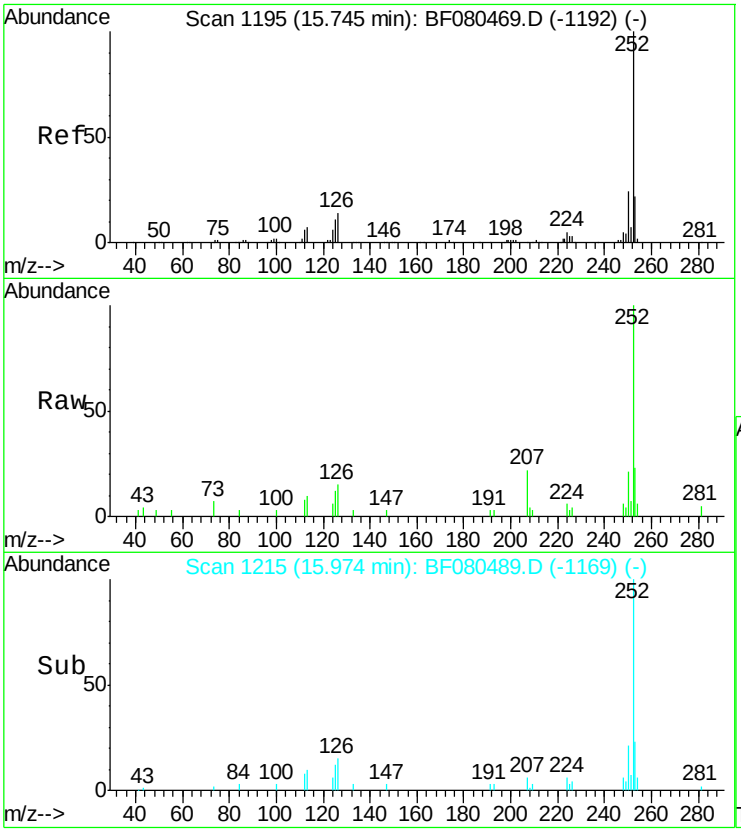


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.48 min Scan# 1259
Delta R.T. 0.25 min
Lab File: BF080489.D
Acq: 15 Jul 2015 13:29

Tgt Ion:264 Resp: 119540

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.0	28.6
265	21.7	18.9	28.3



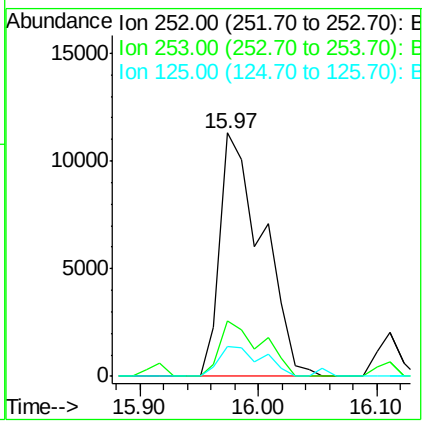


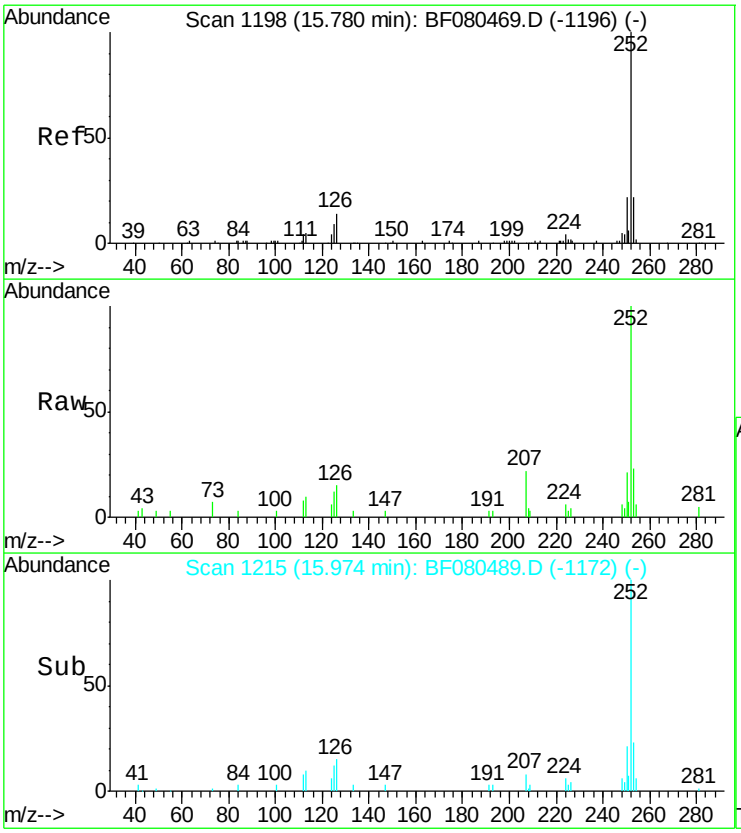
#87
Benzo(b)fluoranthene
Concen: 4.12 ng
RT: 15.97 min Scan# 1215
Delta R.T. 0.23 min
Lab File: BF080489.D
Acq: 15 Jul 2015 13:29

Instrument :
BNA_F
ClientSampleId :
TP-8D12

Tgt Ion:252 Resp: 28106

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	12.2	9.0	13.4





#88
Benzo(k)fluoranthene
Concen: 4.26 ng
RT: 15.97 min Scan# 1215
Delta R.T. 0.19 min
Lab File: BF080489.D
Acq: 15 Jul 2015 13:29

Tgt Ion:252 Resp: 28106

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	12.2	7.0	10.4#