Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070916\
Data File : BF088885.D
Acq On : 9 Jul 2016 21:59
Operator : UM/SJ
Sample : H3813-14 25X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WW001-01

Quant Time: Jul 11 04:37:00 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 18:51:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	10552	20.00	ng	0.15
21) Naphthalene-d8	8.01	136	294165	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	144175	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	271447	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	153064	20.00	ng	-0.02
86) Perylene-d12	15.23	264	141297	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	10473	14.87	ng	-0.02
7) Phenol-d6	6.34	99	9310	10.23	ng	-0.03
23) Nitrobenzene-d5	7.28	82	19333	3.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	8005	5.98	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	41895	4.59	ng	-0.01
78) Terphenyl-d14	12.81	244	32833	4.78	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	2542	4.16	ng	# 71
50) 2,6-Dinitrotoluene	9.76	165	18018	7.91	ng	# 37
56) 2,4-Dinitrotoluene	9.76	165	18018	6.05	ng	# 36

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

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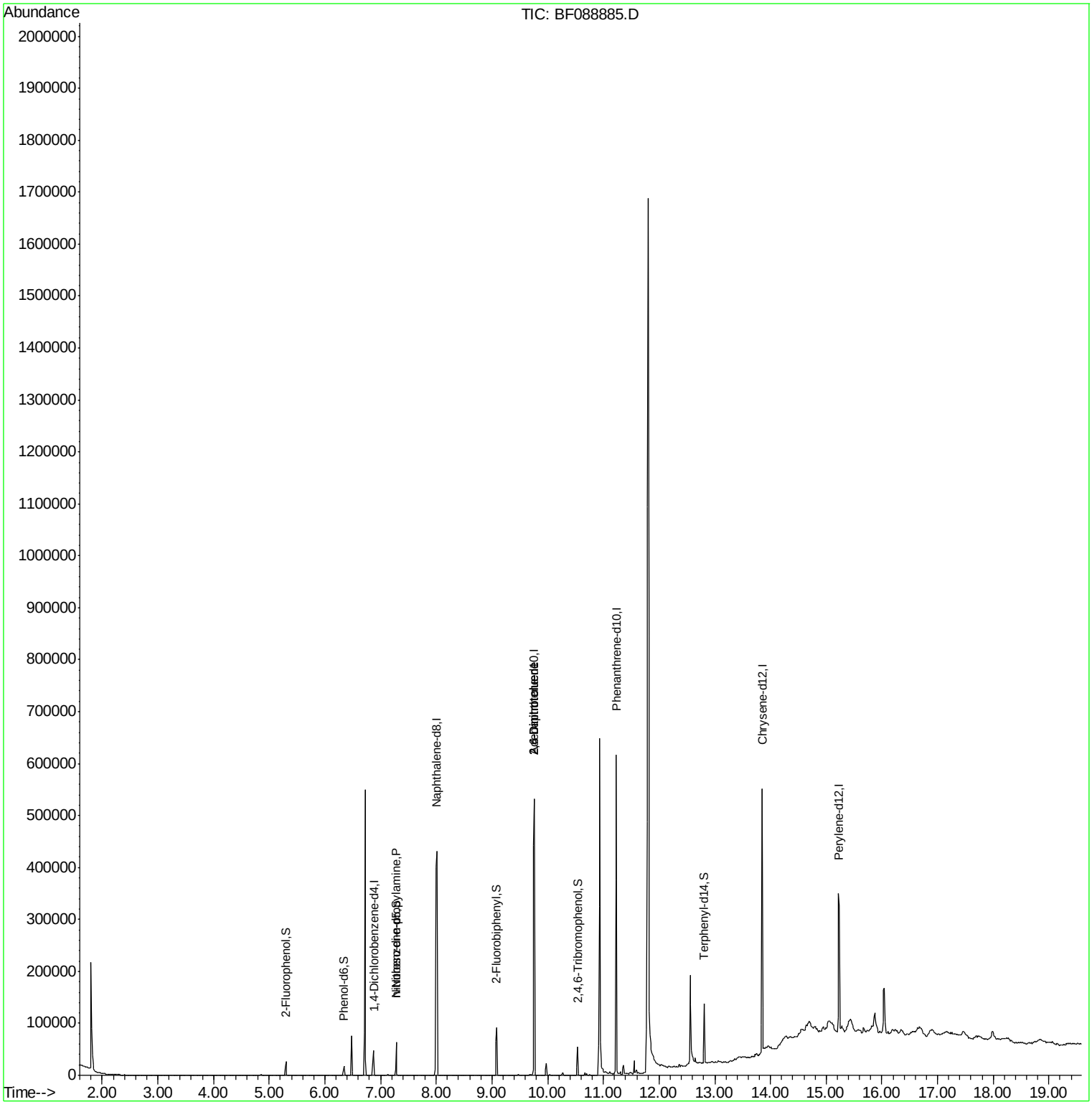
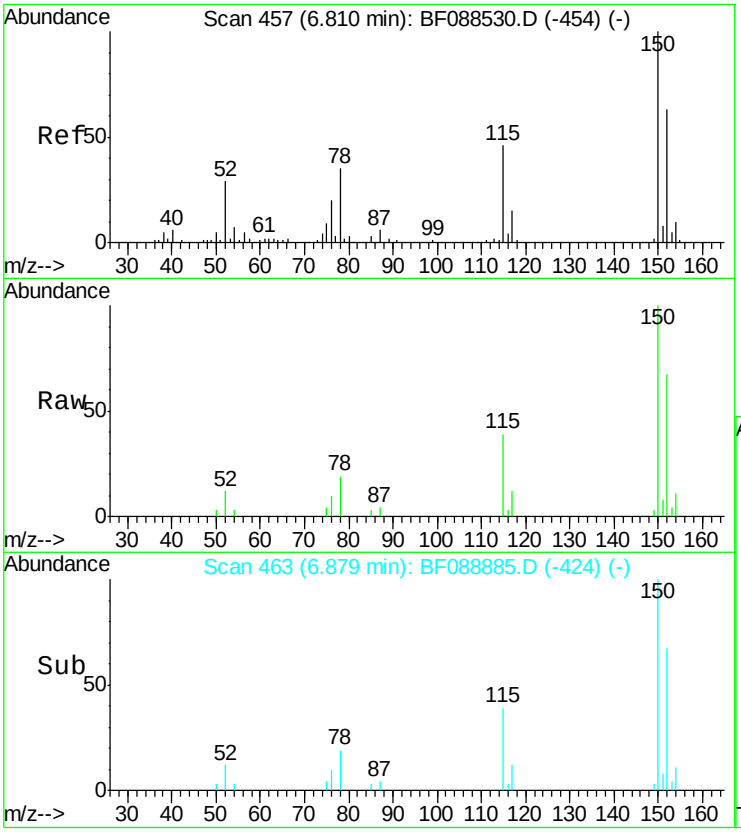


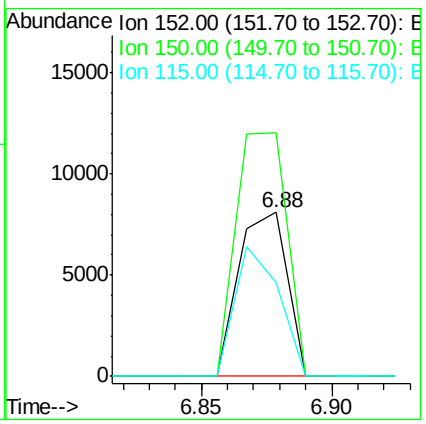


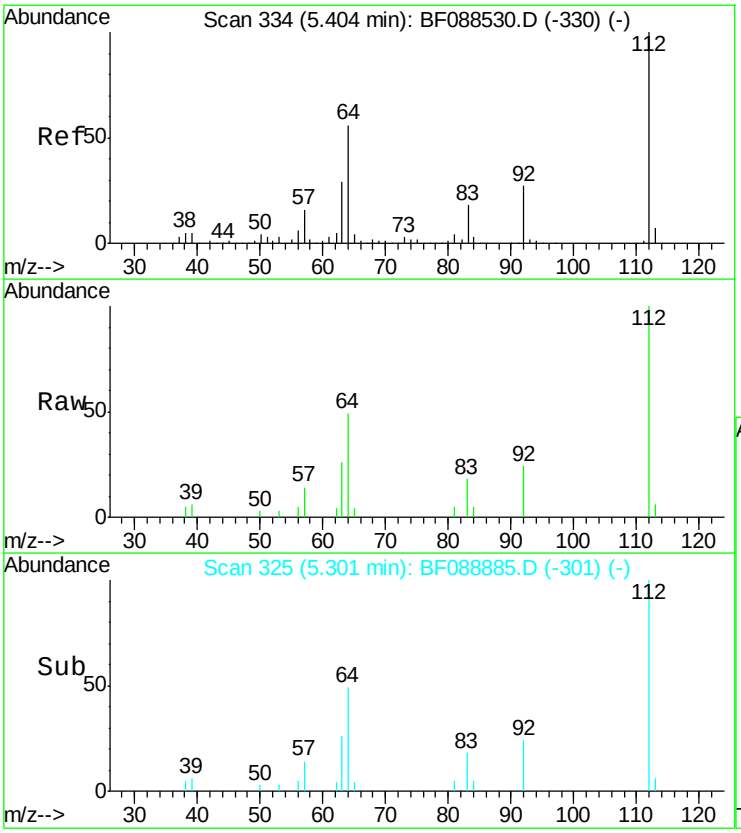
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 463
Delta R.T. 0.15 min
Lab File: BF088885.D
Acq: 9 Jul 2016 21:59

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01

Tgt Ion:152 Resp: 10552

Ion	Ratio	Lower	Upper
152	100		
150	148.4	123.8	185.6
115	57.4	39.6	59.4

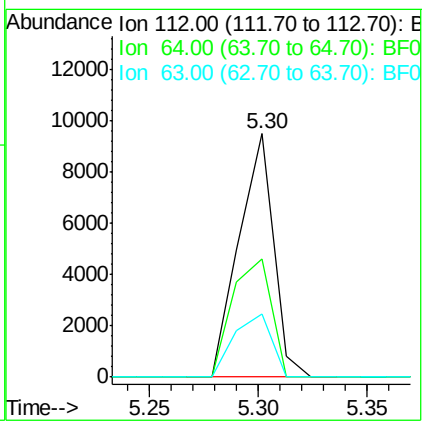


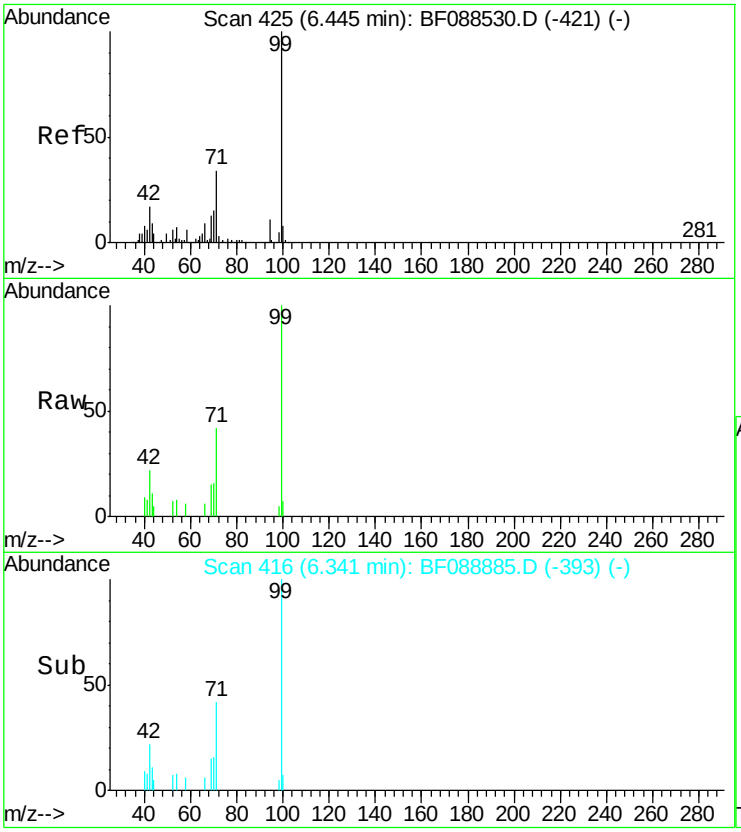


#5
2-Fluorophenol
Concen: 14.87 ng
RT: 5.30 min Scan# 325
Delta R.T. -0.02 min
Lab File: BF088885.D
Acq: 9 Jul 2016 21:59

Tgt Ion:112 Resp: 10473

Ion	Ratio	Lower	Upper
112	100		
64	48.5	42.2	63.2
63	25.8	21.8	32.8



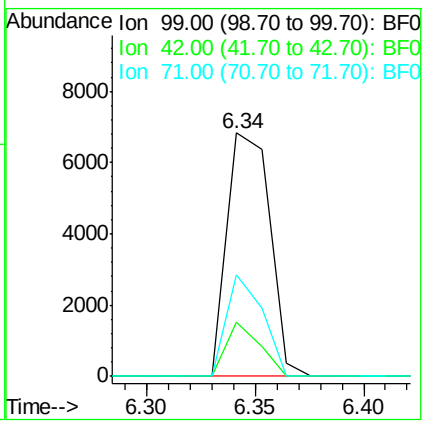


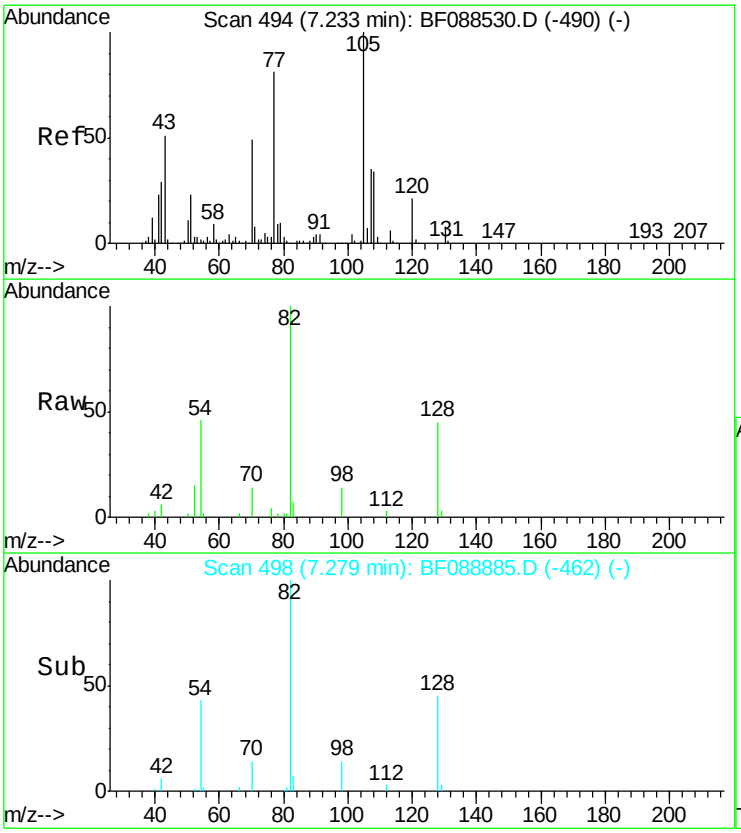
#7
Phenol-d6
Concen: 10.23 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.03 min
Lab File: BF088885.D
Acq: 9 Jul 2016 21:59

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01

Tgt Ion: 99 Resp: 9310

Ion	Ratio	Lower	Upper
99	100		
42	22.3	12.2	18.2#
71	41.6	23.4	35.0#

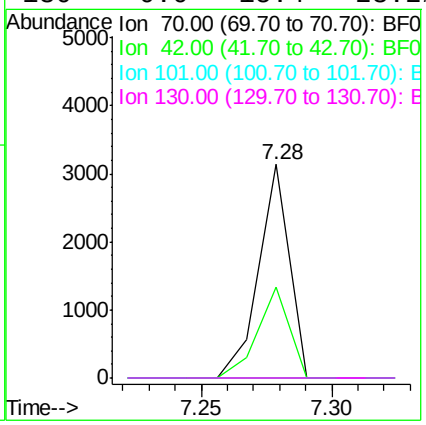


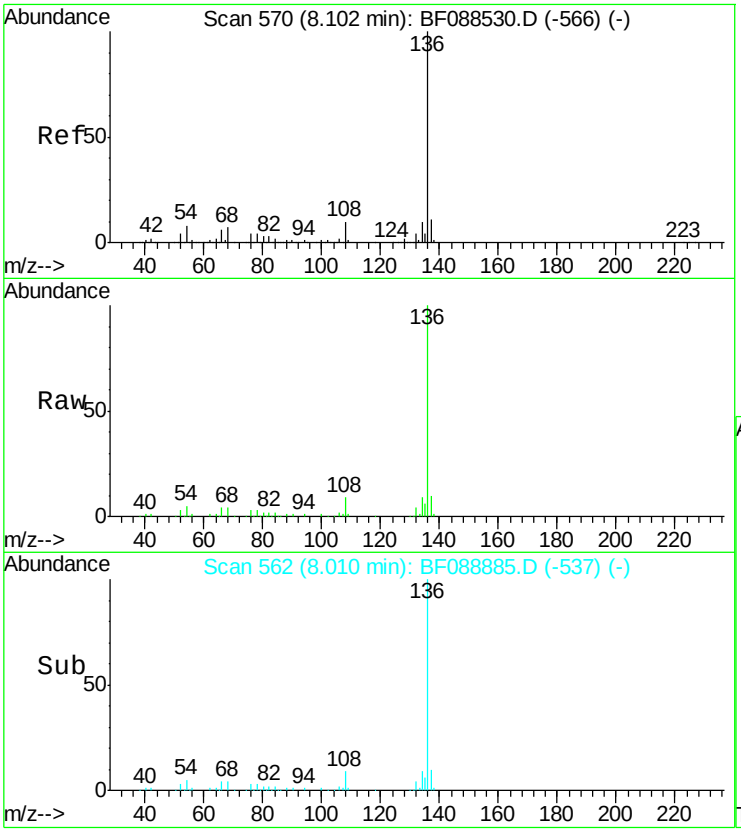


#19
n-Nitroso-di-n-propylamine
Concen: 4.16 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.11 min
Lab File: BF088885.D
Acq: 9 Jul 2016 21:59

Tgt Ion: 70 Resp: 2542

Ion	Ratio	Lower	Upper
70	100		
42	42.8	49.6	74.4#
101	0.0	7.1	10.7#
130	0.0	15.4	23.2#



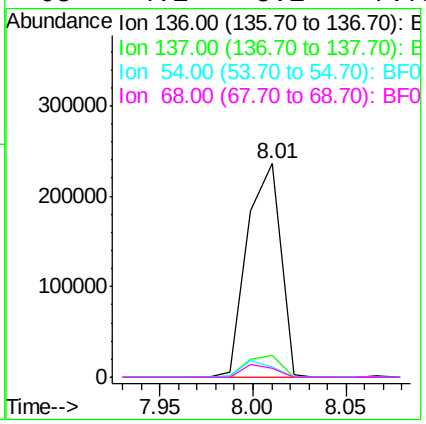


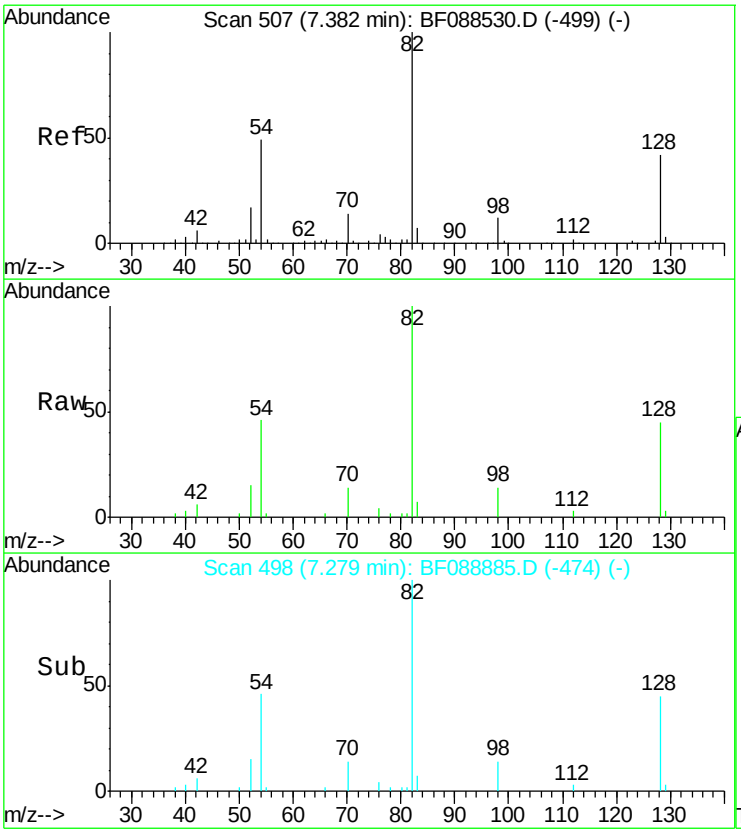
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF088885.D
Acq: 9 Jul 2016 21:59

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01

Tgt Ion:136 Resp: 294165

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.1	13.7
54	4.6	6.6	10.0#
68	4.1	5.1	7.7#

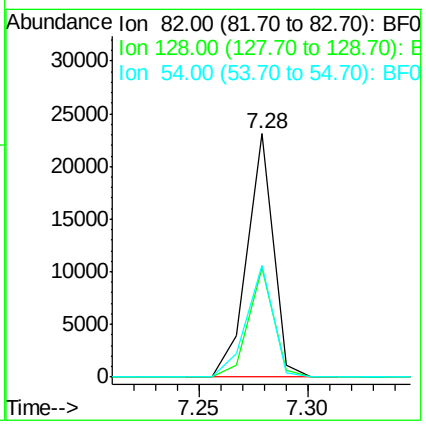


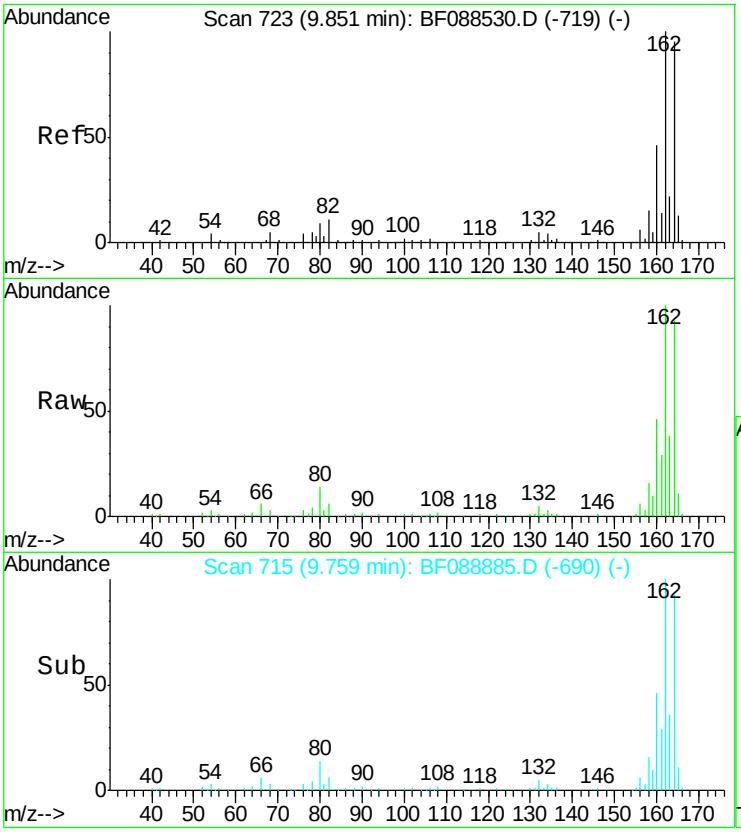


#23
Nitrobenzene-d5
Concen: 3.44 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.02 min
Lab File: BF088885.D
Acq: 9 Jul 2016 21:59

Tgt Ion: 82 Resp: 19333

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.9	53.9
54	46.0	40.9	61.3



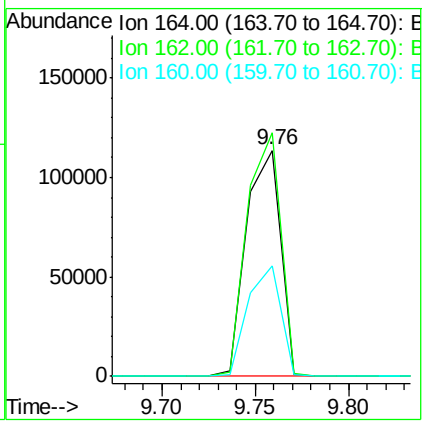


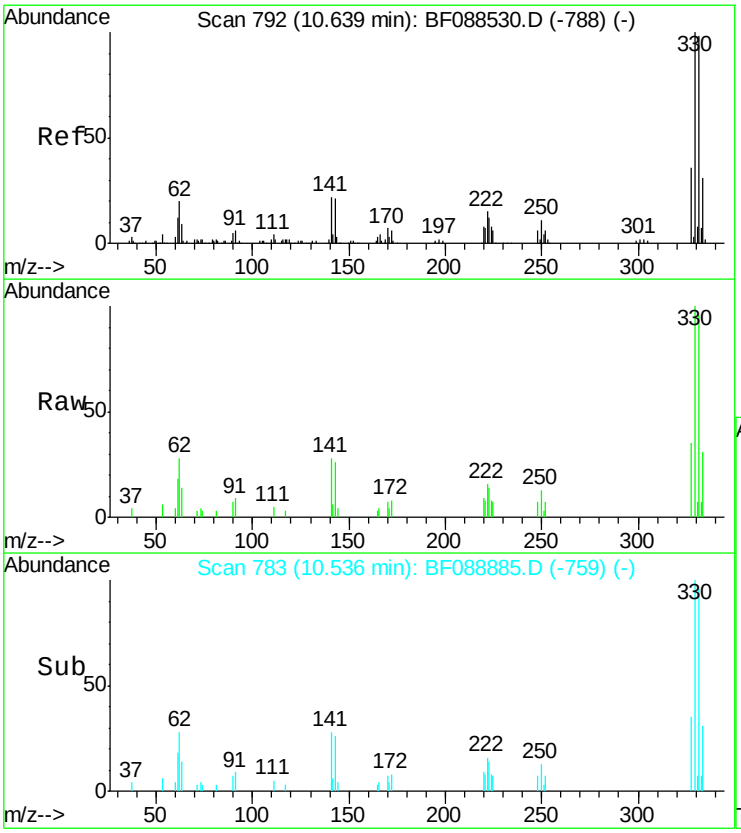
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF088885.D
Acq: 9 Jul 2016 21:59

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01

Tgt Ion:164 Resp: 144175

Ion	Ratio	Lower	Upper
164	100		
162	107.7	85.4	128.2
160	49.1	39.5	59.3

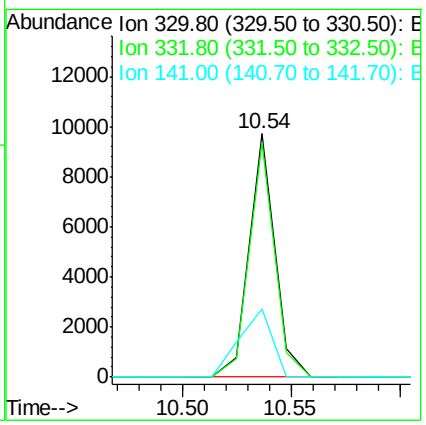


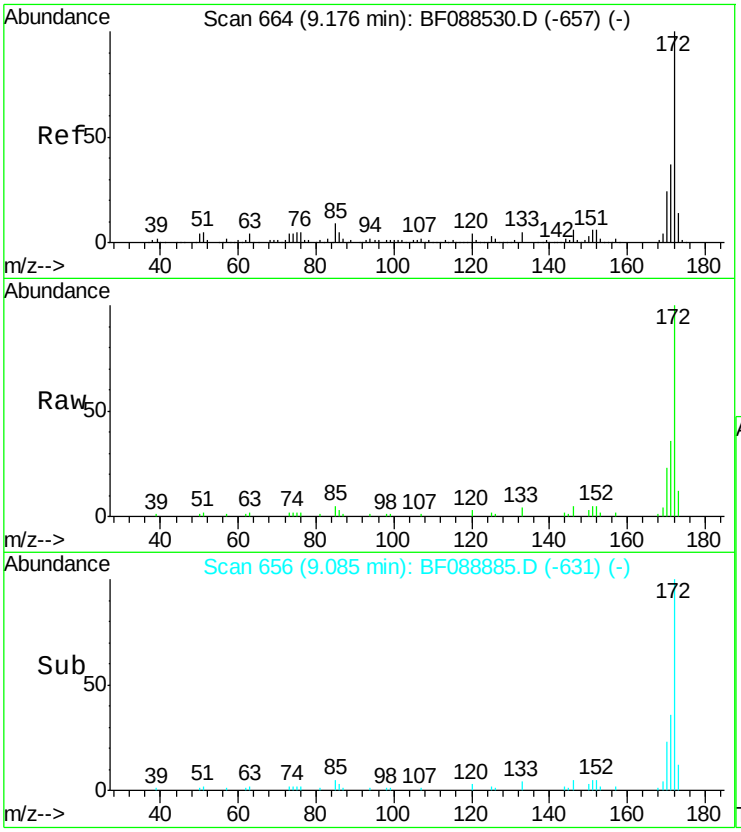


#41
2,4,6-Tribromophenol
Concen: 5.98 ng
RT: 10.54 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF088885.D
Acq: 9 Jul 2016 21:59

Tgt Ion:330 Resp: 8005

Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	35.3	0.0	0.0#



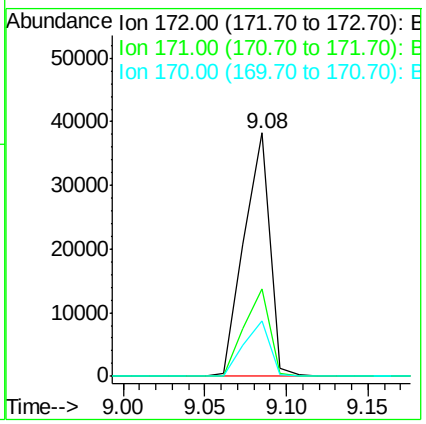


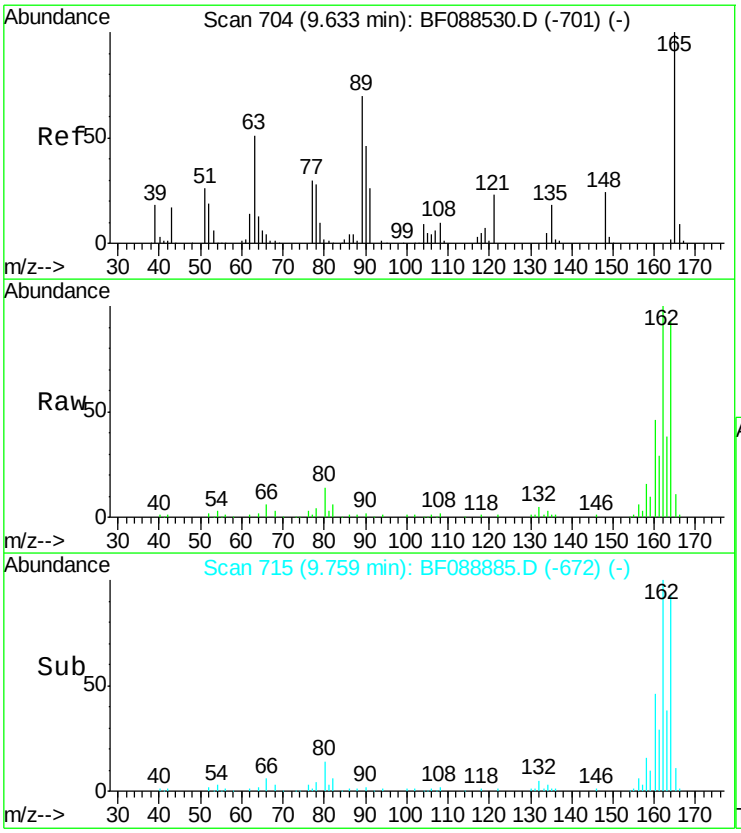
#44
2-Fluorobiphenyl
Concen: 4.59 ng
RT: 9.08 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF088885.D
Acq: 9 Jul 2016 21:59

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01

Tgt Ion:172 Resp: 41895

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	22.6	19.2	28.8

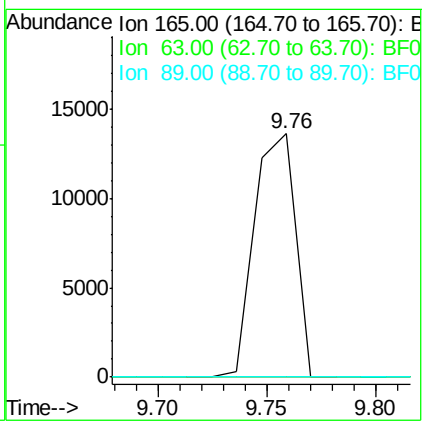


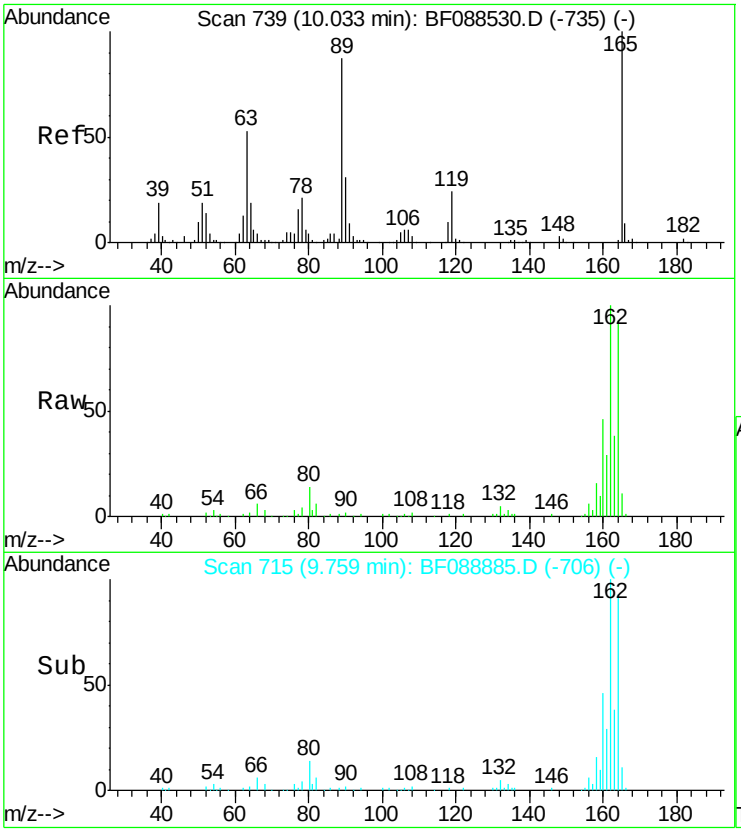


#50
2,6-Dinitrotoluene
Concen: 7.91 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.19 min
Lab File: BF088885.D
Acq: 9 Jul 2016 21:59

Tgt Ion:165 Resp: 18018

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	0.0	32.2	48.2#



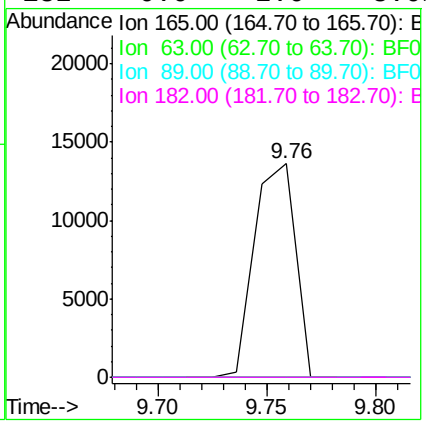


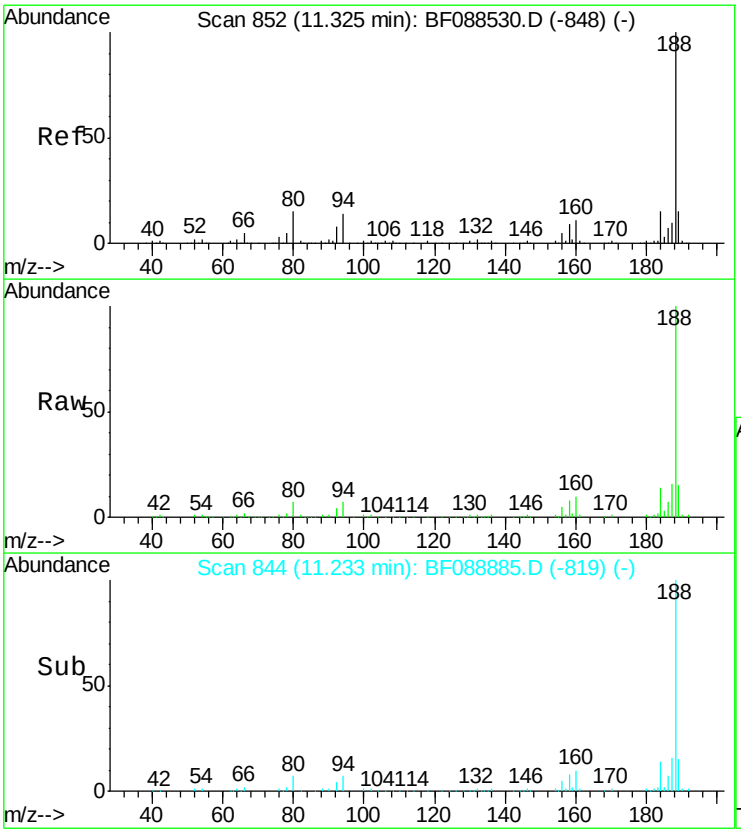
#56
2,4-Dinitrotoluene
Concen: 6.05 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.19 min
Lab File: BF088885.D
Acq: 9 Jul 2016 21:59

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01

Tgt Ion:165 Resp: 18018

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

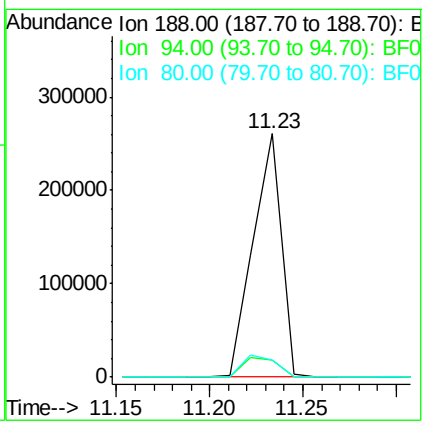


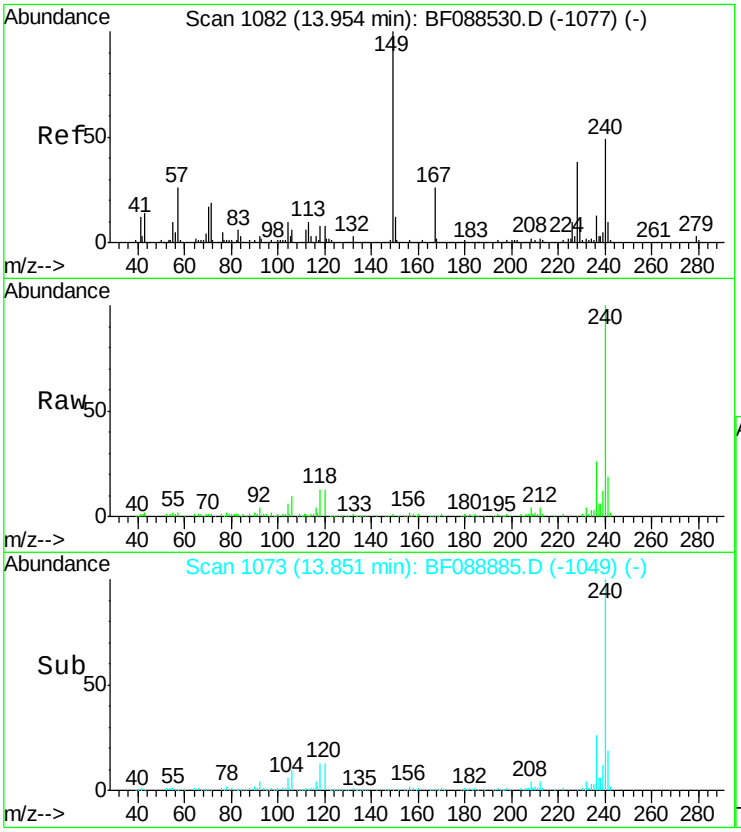


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088885.D
Acq: 9 Jul 2016 21:59

Tgt Ion:188 Resp: 271447

Ion	Ratio	Lower	Upper
188	100		
94	6.9	9.0	13.6#
80	7.1	10.0	15.0#



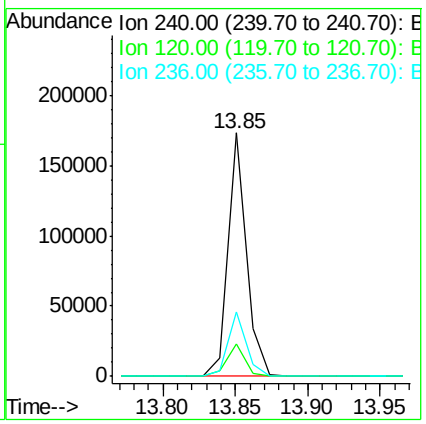


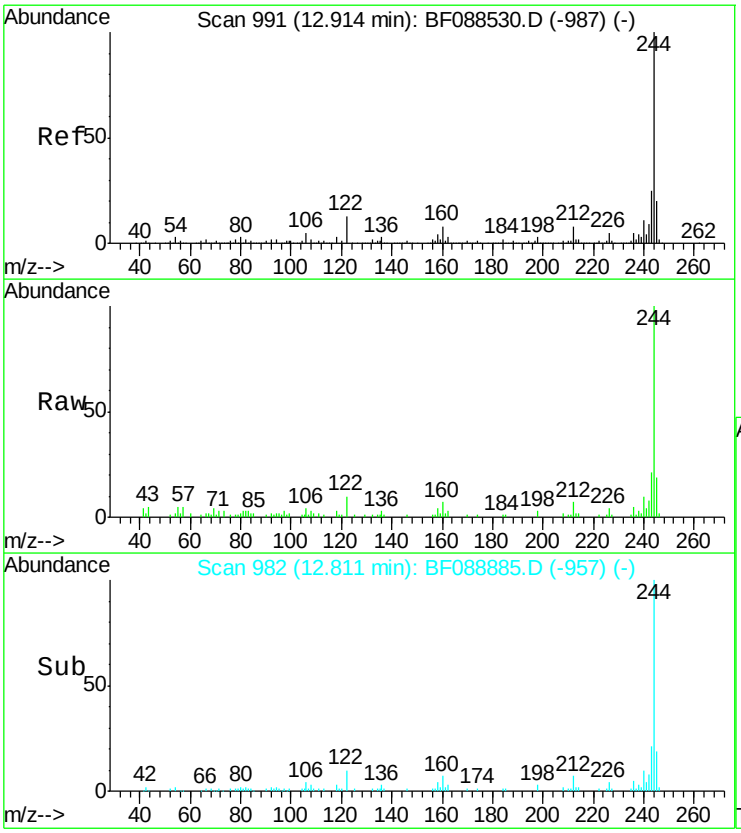
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF088885.D
Acq: 9 Jul 2016 21:59

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01

Tgt Ion:240 Resp: 153064

Ion	Ratio	Lower	Upper
240	100		
120	13.1	6.8	10.2#
236	26.4	20.2	30.2

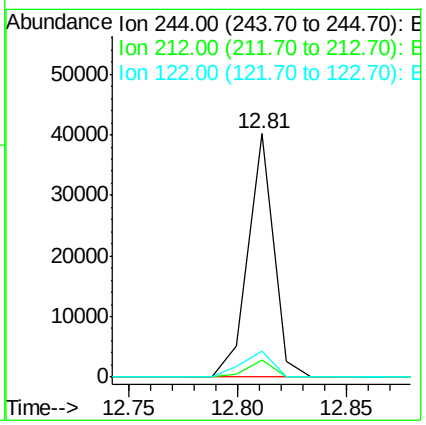


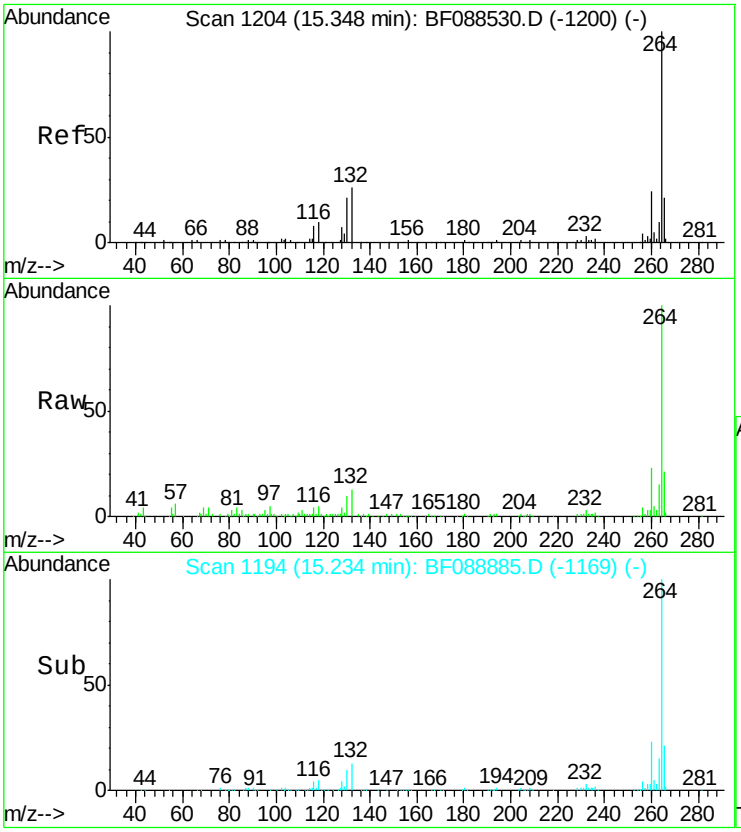


#78
Terphenyl-d14
Concen: 4.78 ng
RT: 12.81 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF088885.D
Acq: 9 Jul 2016 21:59

Tgt Ion:244 Resp: 32833

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	10.5	11.2	16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.23 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF088885.D
Acq: 9 Jul 2016 21:59

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01

Tgt Ion:264 Resp: 141297

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.0	16.9	25.3