Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071416\
Data File : BF088995.D
Acq On : 14 Jul 2016 19:48
Operator : UM/SJ
Sample : H3996-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B7-B3(0-12)C

Quant Time: Jul 15 01:17:58 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	60575	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	222028	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	97188	20.00	ng	-0.03
63) Phenanthrene-d10	11.19	188	154379	20.00	ng	-0.03
75) Chrysene-d12	13.81	240	103514	20.00	ng	-0.05
86) Perylene-d12	15.18	264	99487	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	573202	141.82	ng	0.00
7) Phenol-d6	6.34	99	683488	130.87	ng	-0.01
23) Nitrobenzene-d5	7.26	82	466676	110.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	91591	101.49	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	677620	110.13	ng	-0.02
78) Terphenyl-d14	12.78	244	391295	84.20	ng	-0.02
Target Compounds						Qvalue
15) Benzyl Alcohol	6.84	79	8782	2.28	ng	# 44
19) n-Nitroso-di-n-propylamine	7.26	70	64744	18.46	ng	# 73
25) Isophorone	7.26	82	444448	56.63	ng	# 65
49) Dimethylphthalate	9.44	163	104084	15.03	ng	99
56) 2,4-Dinitrotoluene	9.71	165	12889	6.42	ng	# 37
66) 4-Bromophenyl-phenylether	10.50	248	7948	5.11	ng	# 1
70) Phenanthrene	11.21	178	32045	3.80	ng	98
74) Fluoranthene	12.39	202	26463	3.09	ng	97
77) Pyrene	12.62	202	19880	2.27	ng	98
87) Benzo(b)fluoranthene	14.80	252	18619	2.98	ng	# 93
88) Benzo(k)fluoranthene	14.80	252	18619	3.43	ng	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071416\
Data File : BF088995.D
Acq On : 14 Jul 2016 19:48
Operator : UM/SJ
Sample : H3996-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B7-B3(0-12)C

Quant Time: Jul 15 01:17:58 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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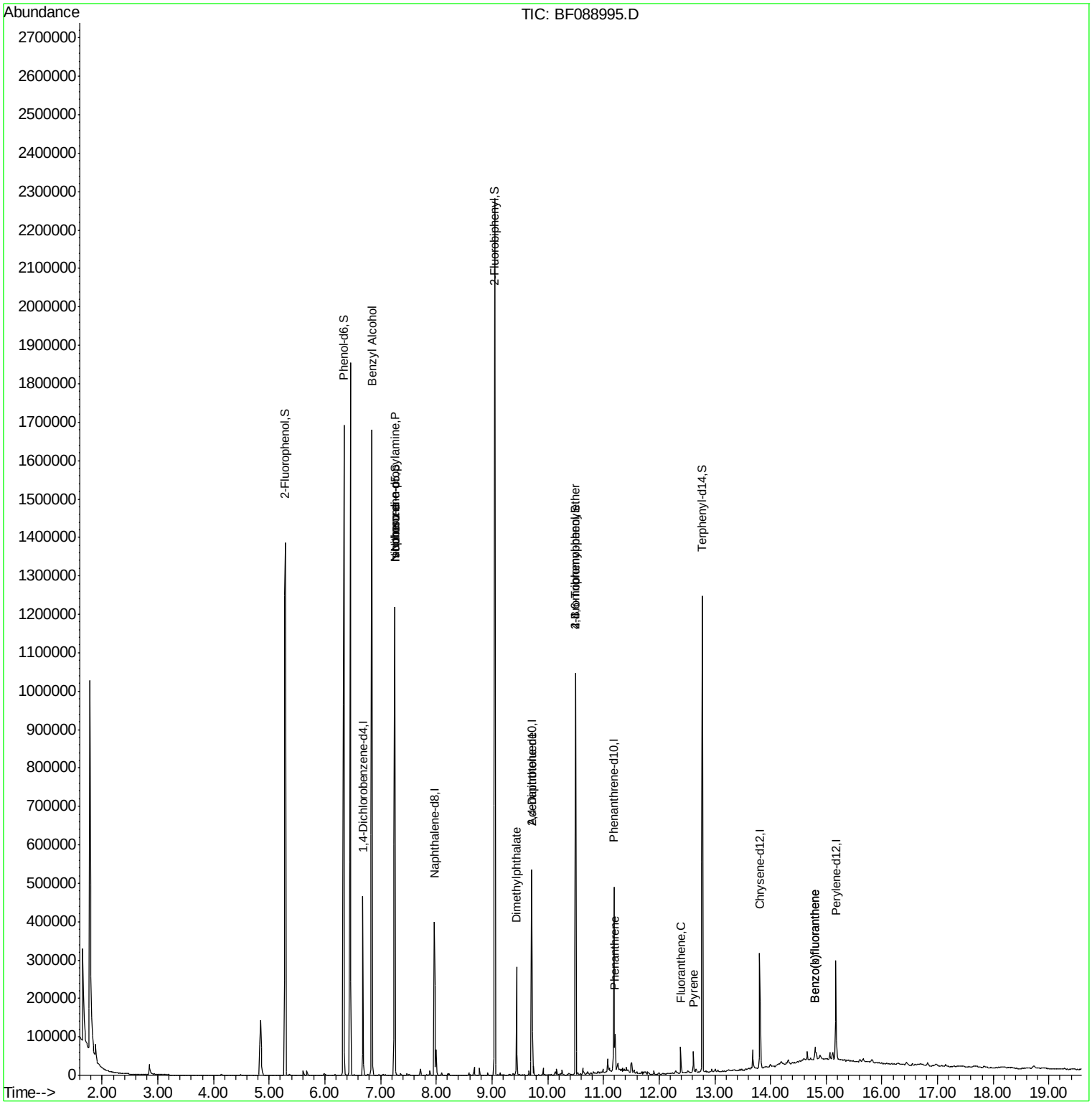
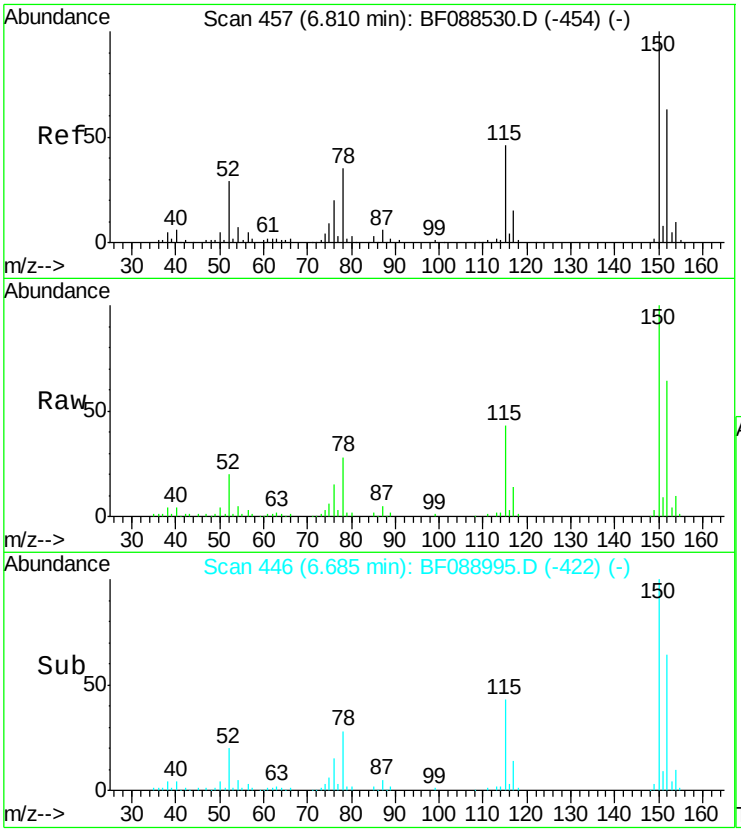


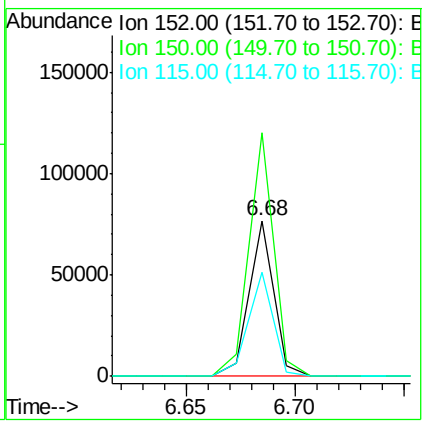


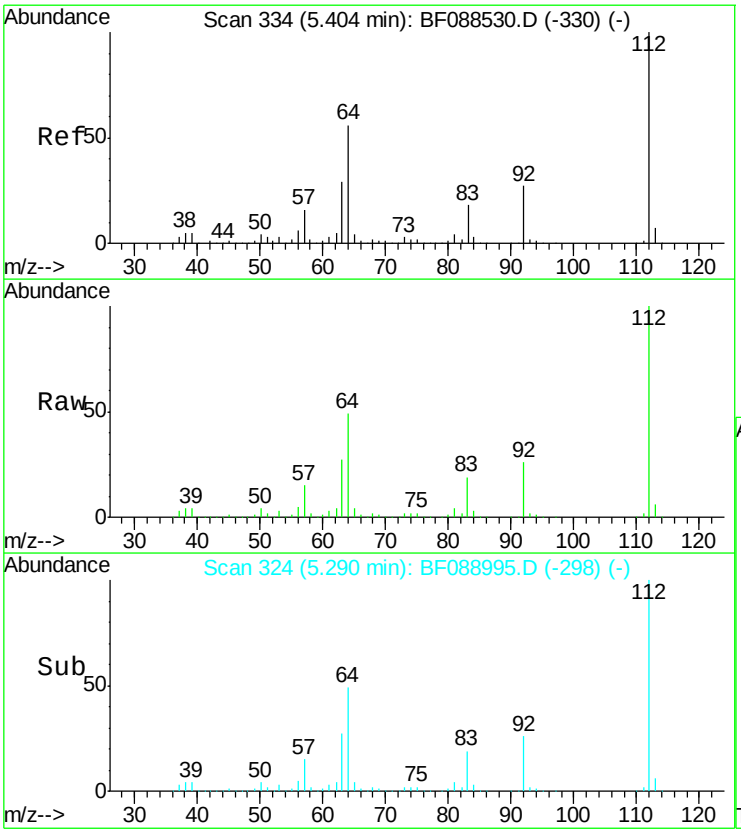
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF088995.D
Acq: 14 Jul 2016 19:48

Instrument :
BNA_F
ClientSampleId :
B7-B3(0-12)C

Tgt Ion:152 Resp: 60575

Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.8	185.6
115	66.7	39.6	59.4#

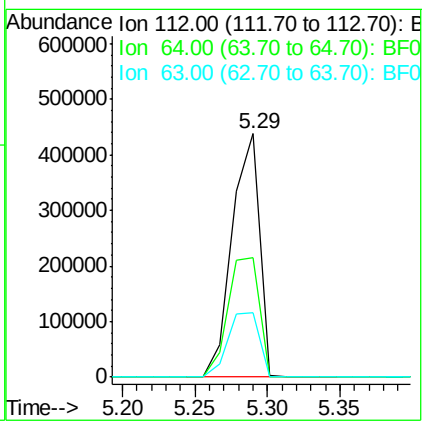


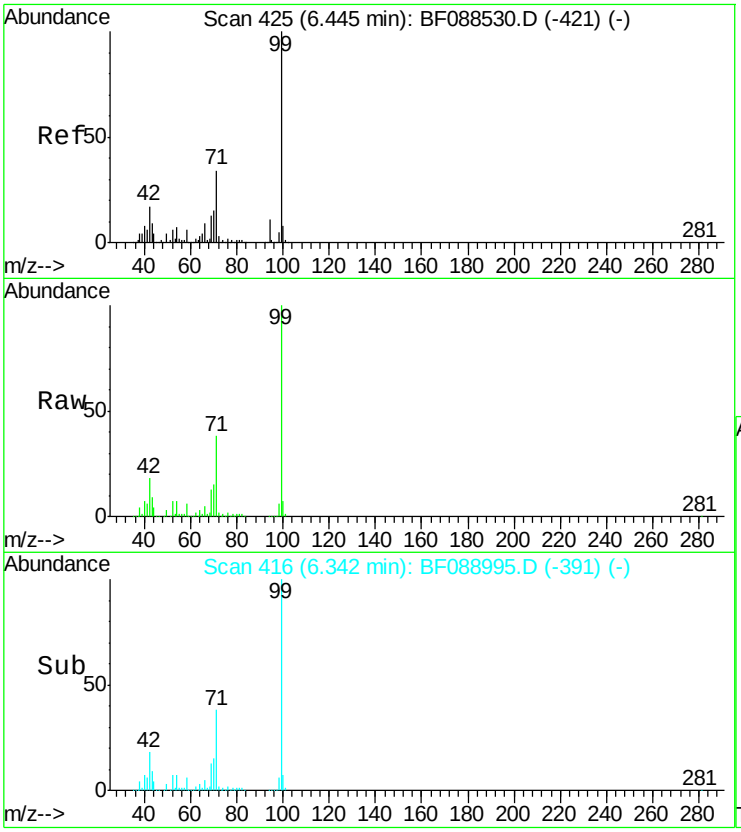


#5
2-Fluorophenol
Concen: 141.82 ng
RT: 5.29 min Scan# 324
Delta R.T. 0.00 min
Lab File: BF088995.D
Acq: 14 Jul 2016 19:48

Tgt Ion:112 Resp: 573202

Ion	Ratio	Lower	Upper
112	100		
64	49.0	42.2	63.2
63	26.5	21.8	32.8



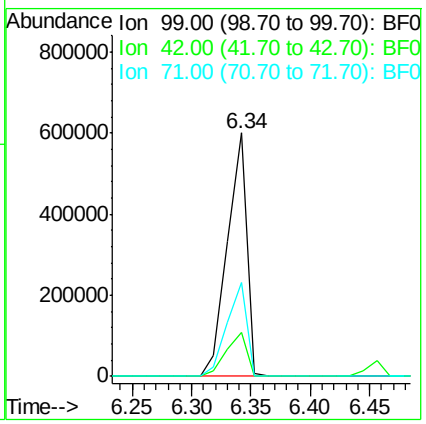


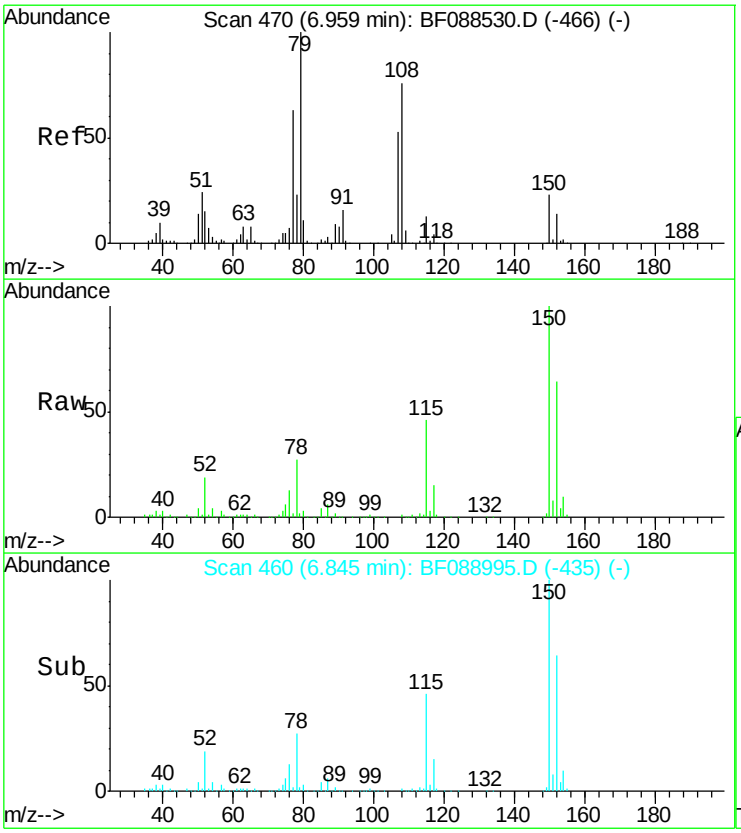
#7
Phenol-d6
Concen: 130.87 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF088995.D
Acq: 14 Jul 2016 19:48

Instrument :
BNA_F
ClientSampleId :
B7-B3(0-12)C

Tgt Ion: 99 Resp: 683488

Ion	Ratio	Lower	Upper
99	100		
42	18.3	12.2	18.2#
71	38.4	23.4	35.0#

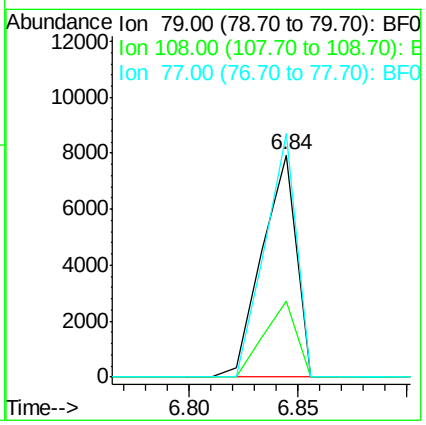


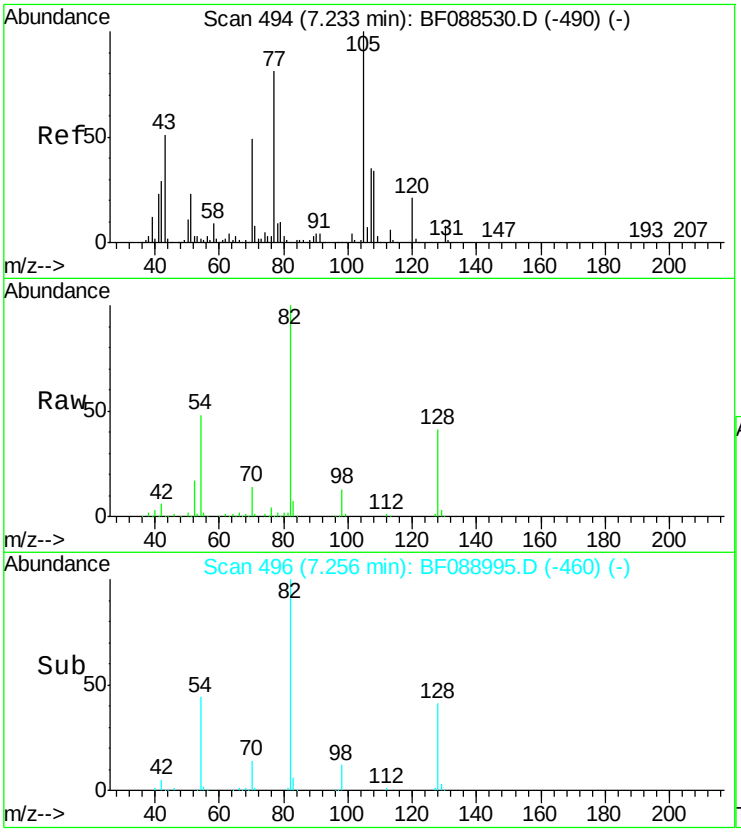


#15
Benzyl Alcohol
Concen: 2.28 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF088995.D
Acq: 14 Jul 2016 19:48

Tgt Ion: 79 Resp: 8782

Ion	Ratio	Lower	Upper
79	100		
108	34.4	65.0	97.6#
77	109.6	50.3	75.5#



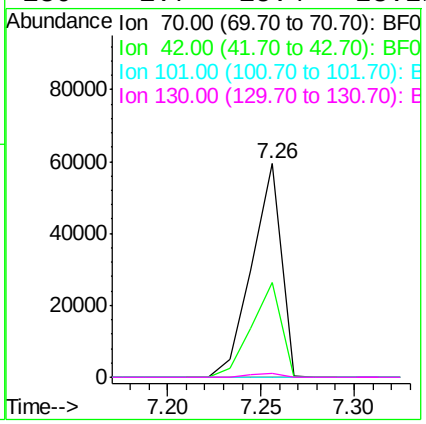


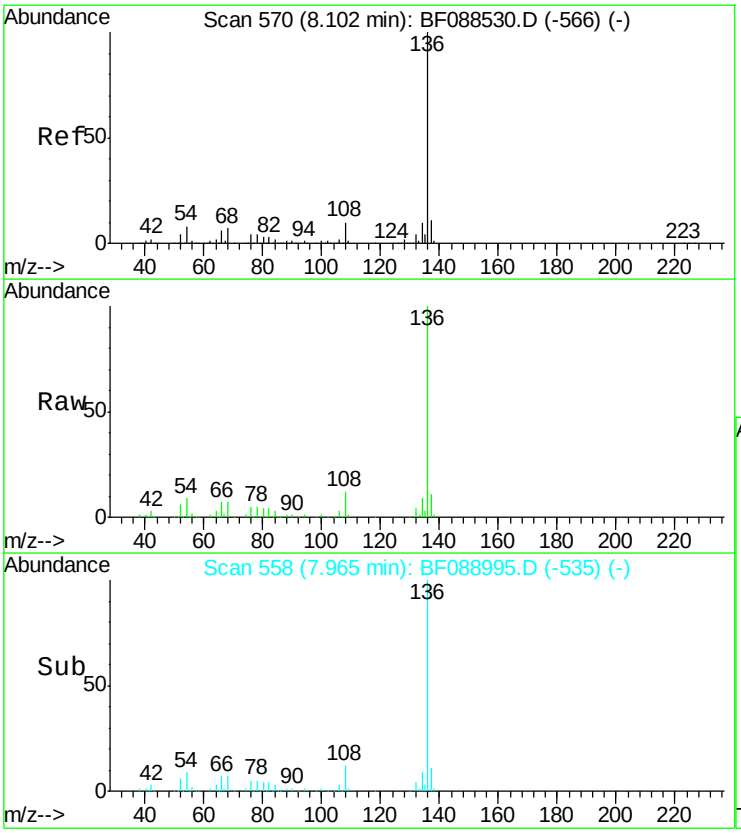
#19
n-Nitroso-di-n-propylamine
Concen: 18.46 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.11 min
Lab File: BF088995.D
Acq: 14 Jul 2016 19:48

Instrument :
BNA_F
ClientSampleId :
B7-B3(0-12)C

Tgt Ion: 70 Resp: 64744

Ion	Ratio	Lower	Upper
70	100		
42	44.2	49.6	74.4#
101	0.0	7.1	10.7#
130	1.7	15.4	23.2#

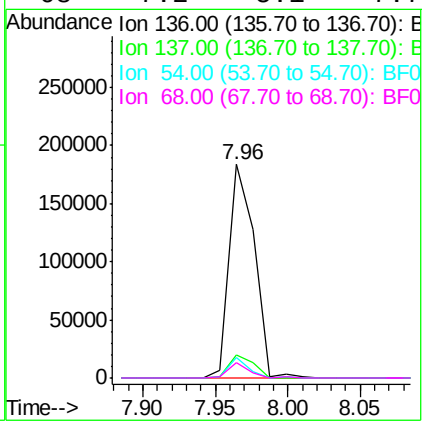


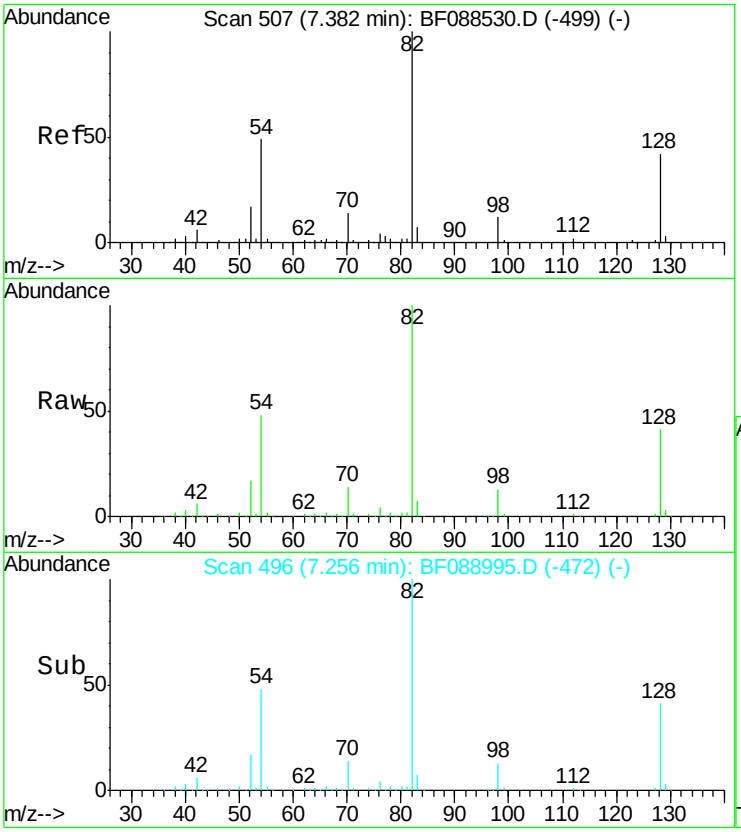


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.03 min
Lab File: BF088995.D
Acq: 14 Jul 2016 19:48

Tgt Ion:136 Resp: 222028

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.4	6.6	10.0
68	7.2	5.1	7.7



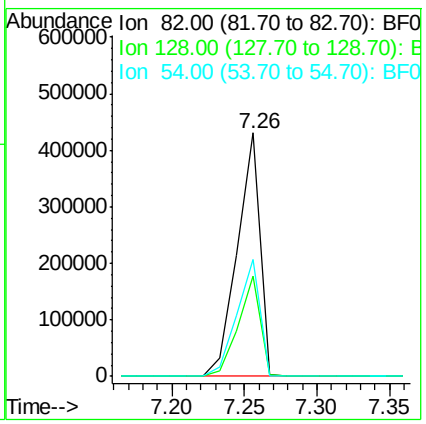


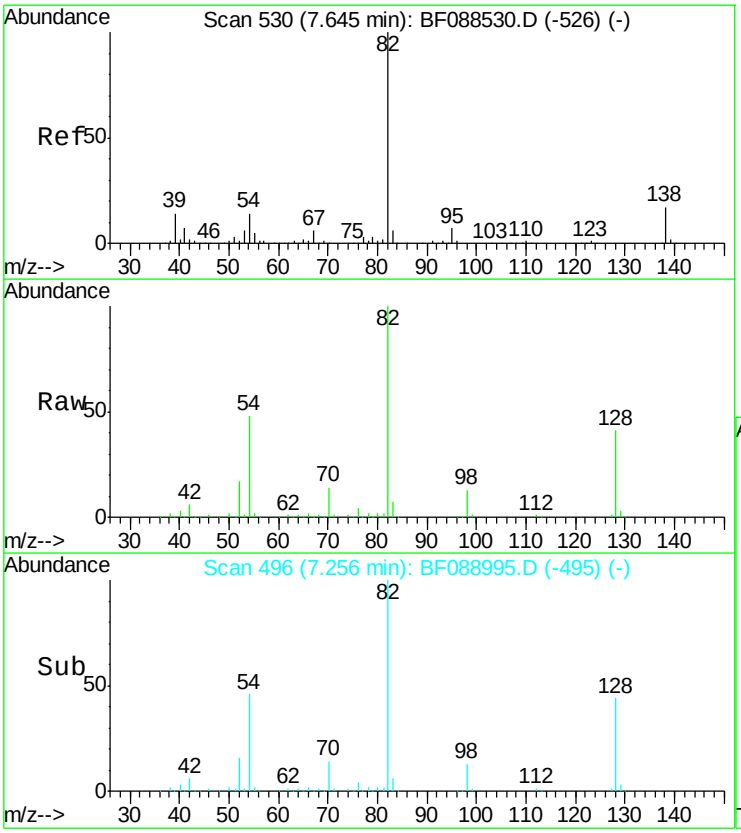
#23
Nitrobenzene-d5
Concen: 110.15 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF088995.D
Acq: 14 Jul 2016 19:48

Instrument :
BNA_F
ClientSampleId :
B7-B3(0-12)C

Tgt Ion: 82 Resp: 466676

Ion	Ratio	Lower	Upper
82	100		
128	41.0	35.9	53.9
54	48.0	40.9	61.3

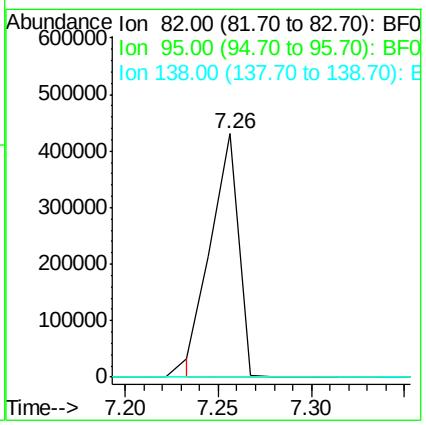


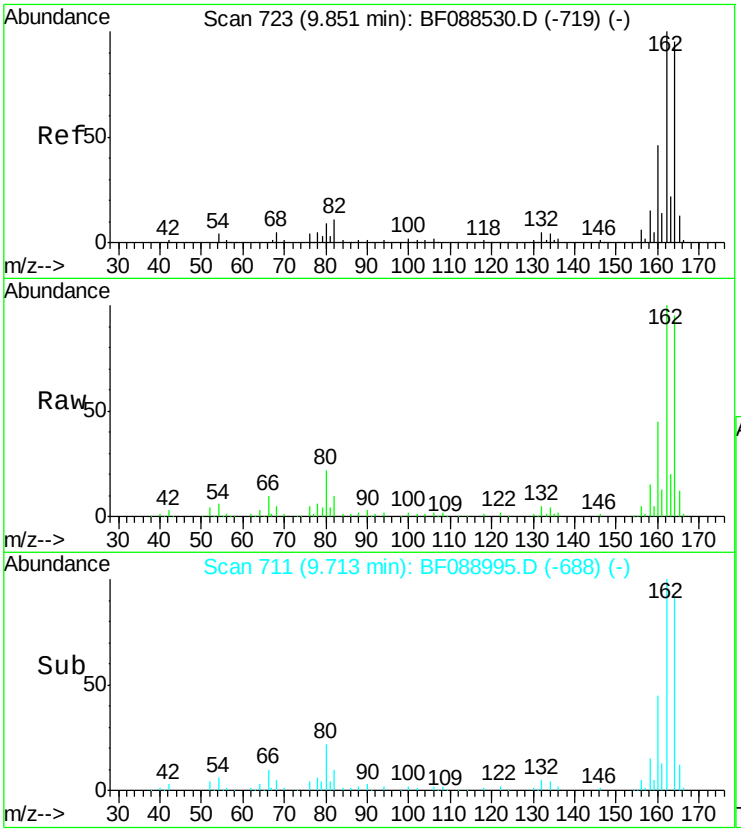


#25
Isophorone
Concen: 56.63 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.29 min
Lab File: BF088995.D
Acq: 14 Jul 2016 19:48

Tgt Ion: 82 Resp: 444448

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#



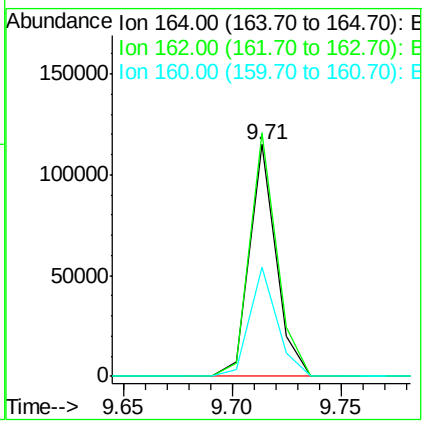


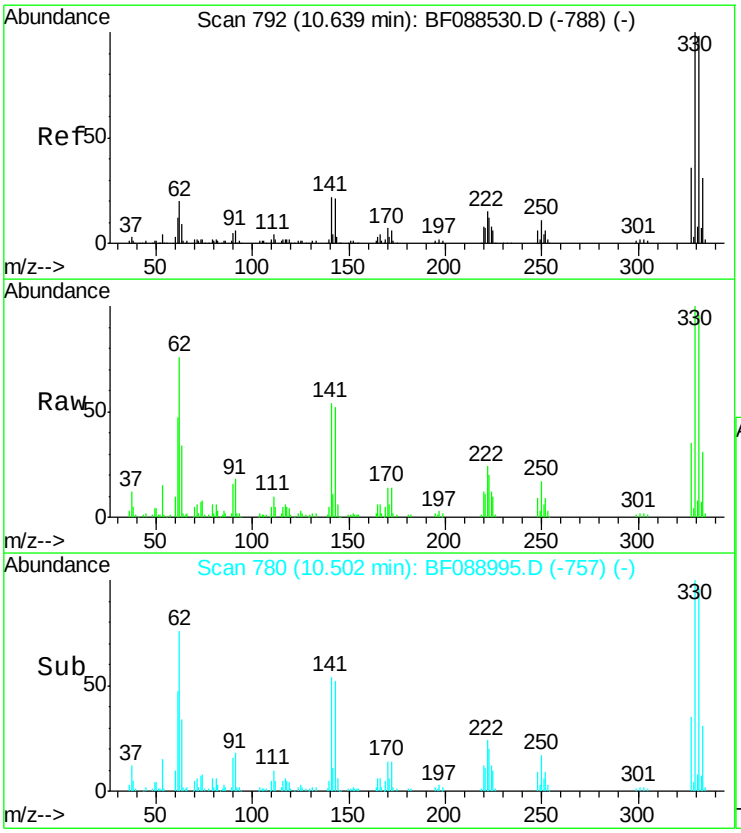
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF088995.D
Acq: 14 Jul 2016 19:48

Instrument :
BNA_F
ClientSampleId :
B7-B3(0-12)C

Tgt Ion:164 Resp: 97188

Ion	Ratio	Lower	Upper
164	100		
162	105.2	85.4	128.2
160	47.0	39.5	59.3

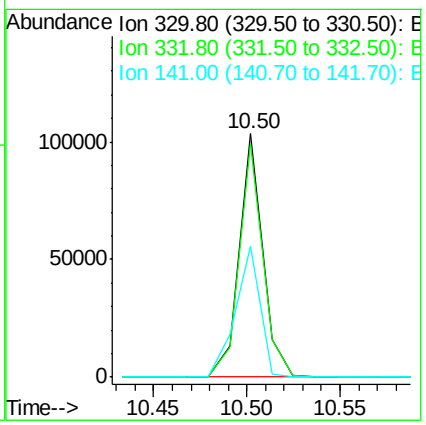


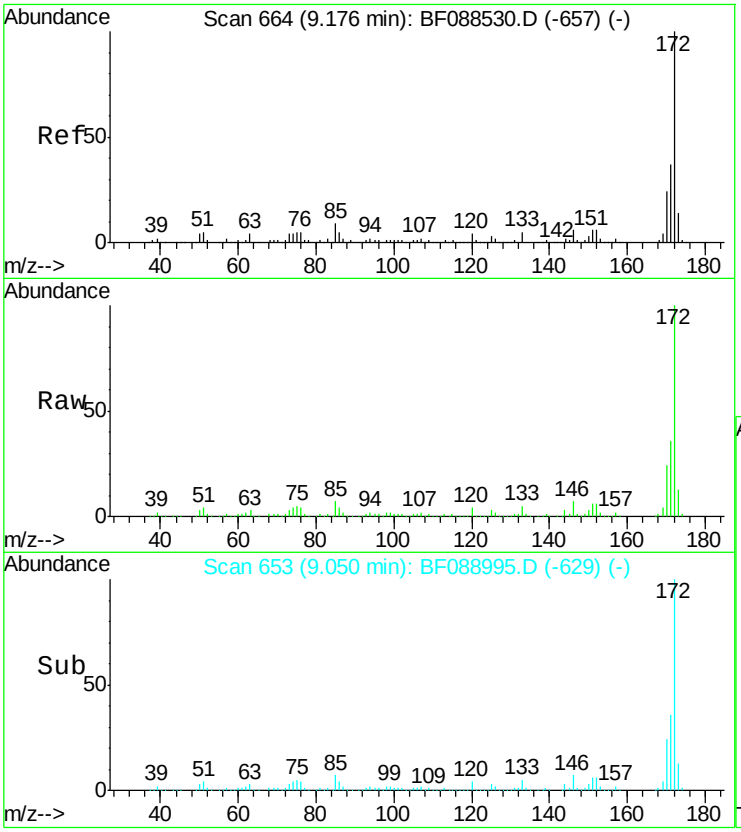


#41
2,4,6-Tribromophenol
Concen: 101.49 ng
RT: 10.50 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF088995.D
Acq: 14 Jul 2016 19:48

Tgt Ion:330 Resp: 91591

Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	56.3	0.0	0.0#



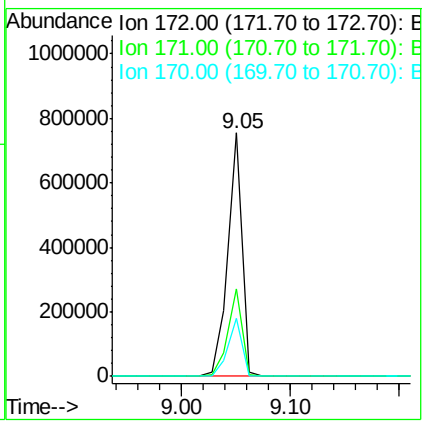


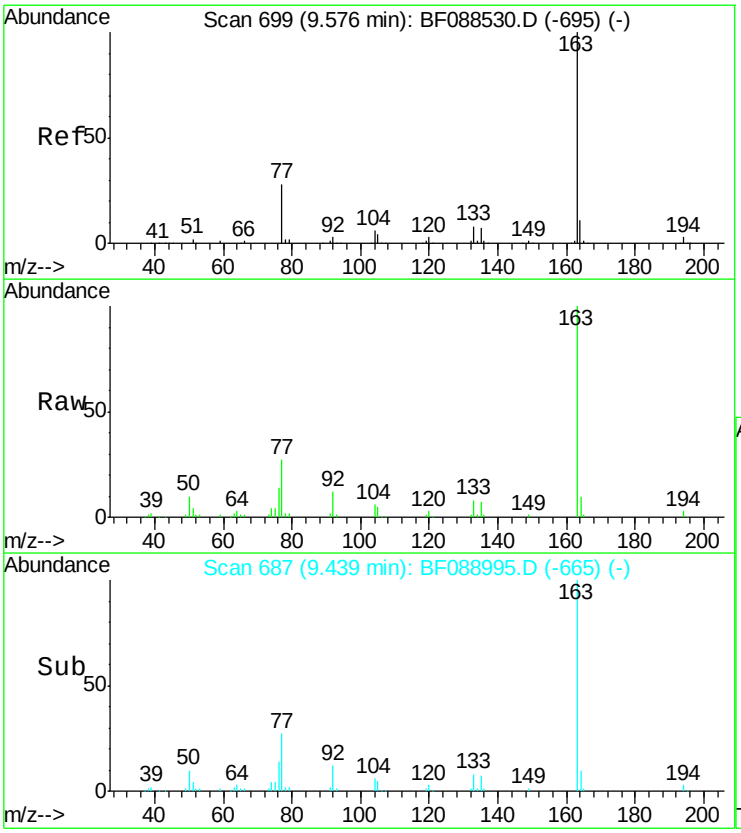
#44
2-Fluorobiphenyl
Concen: 110.13 ng
RT: 9.05 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF088995.D
Acq: 14 Jul 2016 19:48

Instrument :
BNA_F
ClientSampleId :
B7-B3(0-12)C

Tgt Ion:172 Resp: 677620

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.9	19.2	28.8

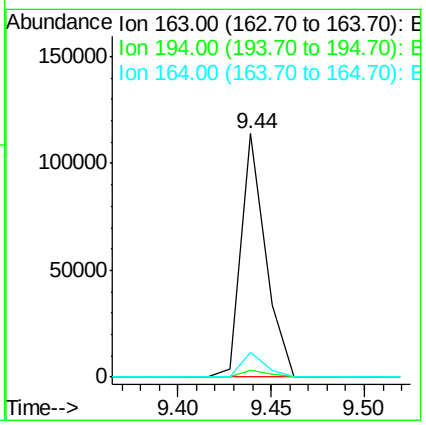


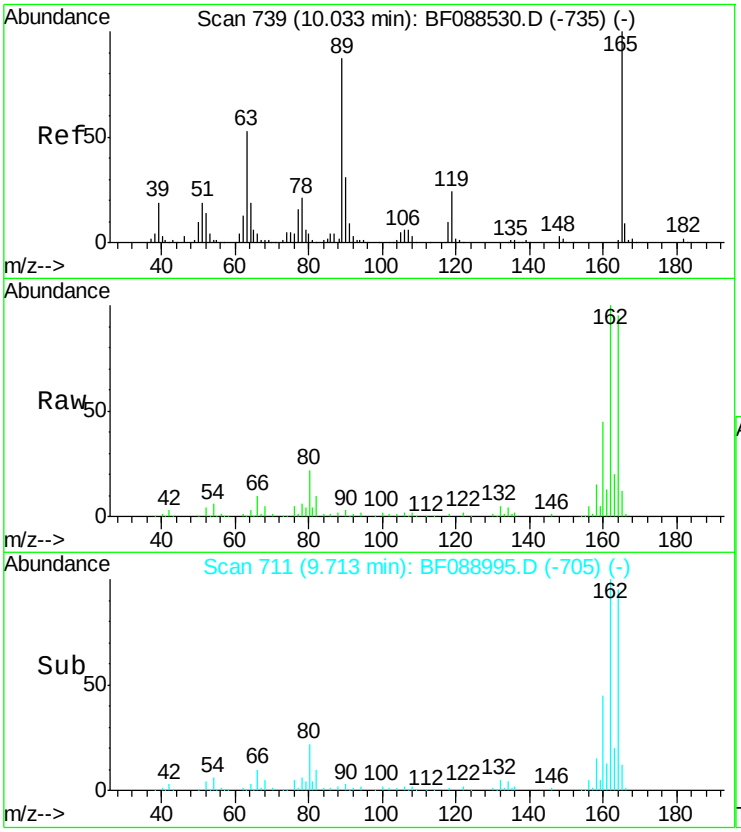


#49
Dimethylphthalate
Concen: 15.03 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.05 min
Lab File: BF088995.D
Acq: 14 Jul 2016 19:48

Tgt Ion:163 Resp: 104084

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.8	4.2
164	10.3	8.3	12.5



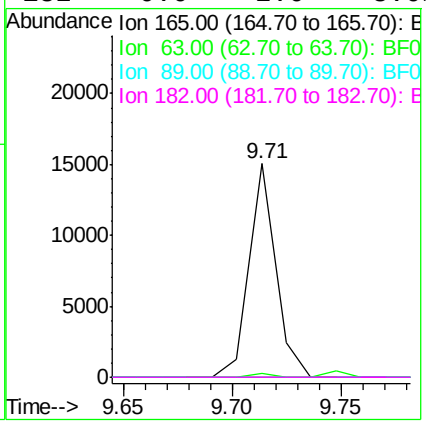


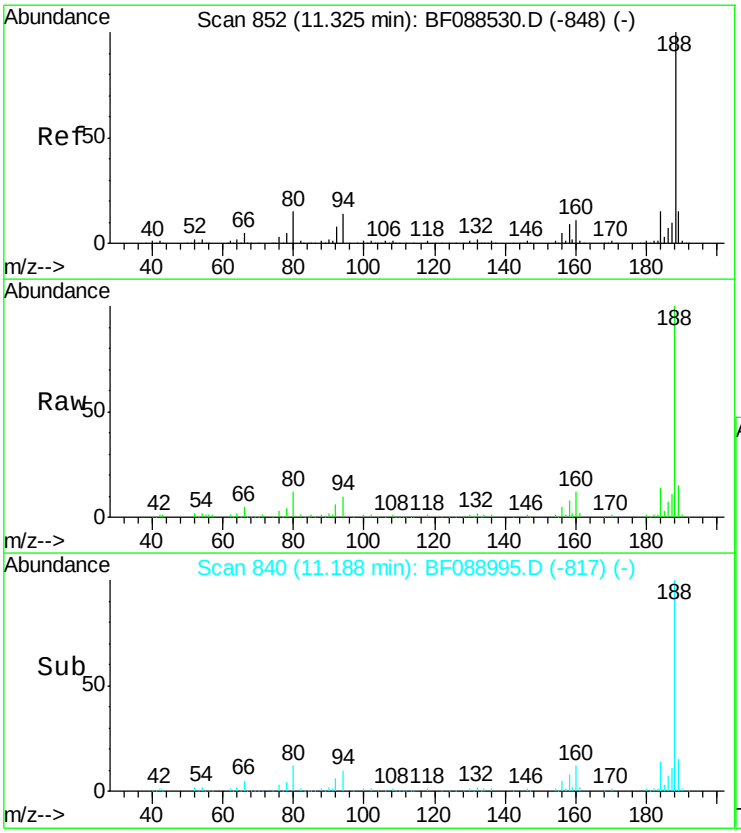
#56
2,4-Dinitrotoluene
Concen: 6.42 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.23 min
Lab File: BF088995.D
Acq: 14 Jul 2016 19:48

Instrument :
BNA_F
ClientSampleId :
B7-B3(0-12)C

Tgt Ion:165 Resp: 12889

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

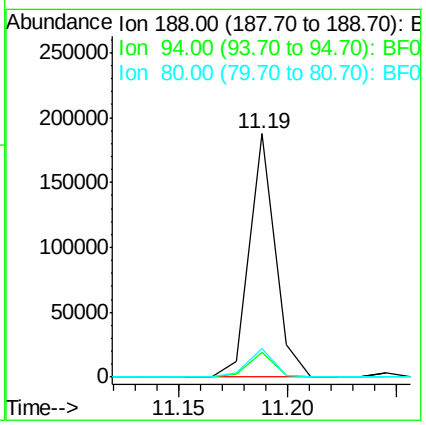


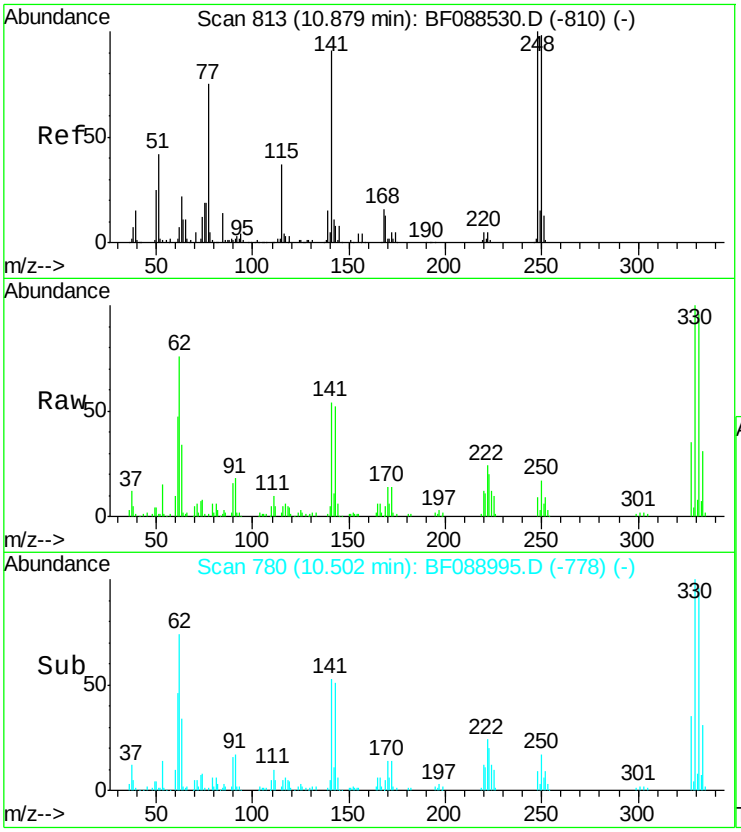


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.03 min
Lab File: BF088995.D
Acq: 14 Jul 2016 19:48

Tgt Ion:188 Resp: 154379

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.0	13.6
80	11.7	10.0	15.0



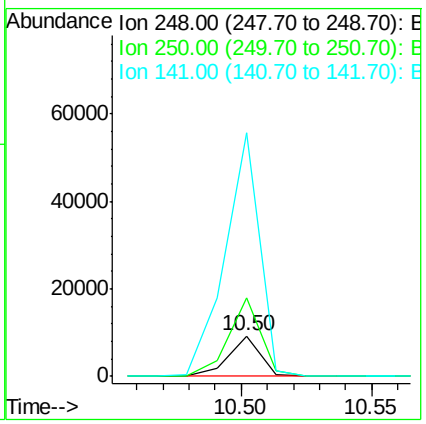


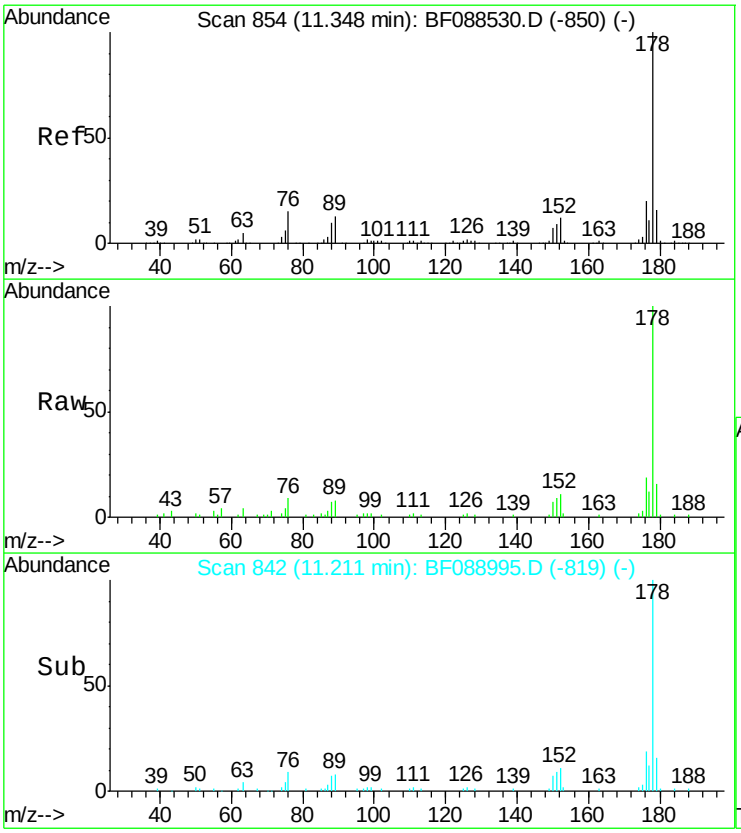
#66
4-Bromophenyl-phenylether
Concen: 5.11 ng
RT: 10.50 min Scan# 780
Delta R.T. -0.27 min
Lab File: BF088995.D
Acq: 14 Jul 2016 19:48

Instrument :
BNA_F
ClientSampleId :
B7-B3(0-12)C

Tgt Ion:248 Resp: 7948

Ion	Ratio	Lower	Upper
248	100		
250	194.4	77.1	115.7#
141	600.3	50.6	76.0#

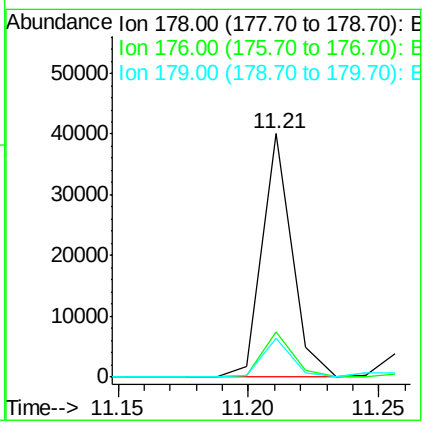


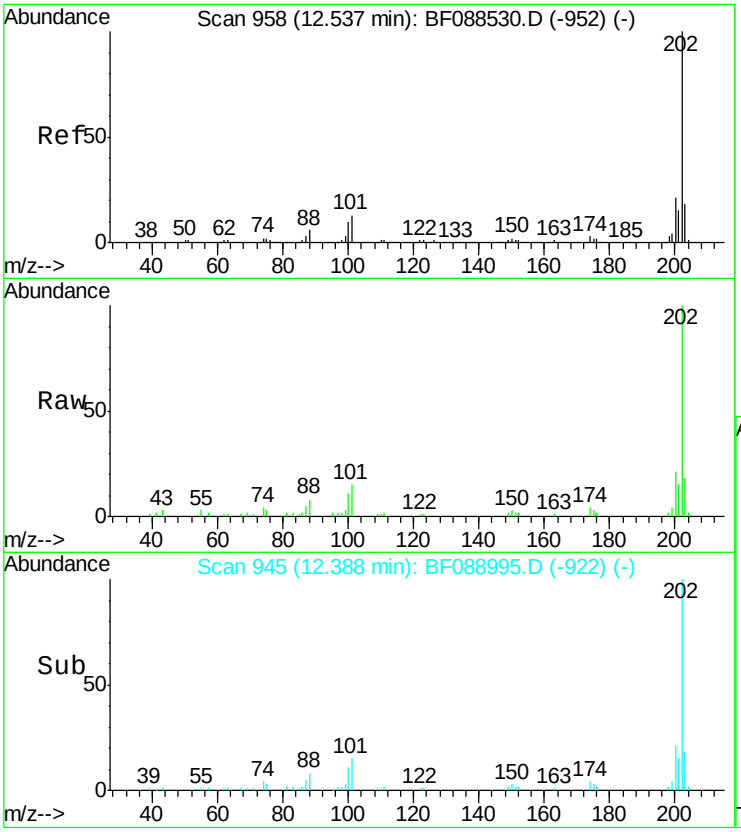


#70
Phenanthrene
Concen: 3.80 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.03 min
Lab File: BF088995.D
Acq: 14 Jul 2016 19:48

Tgt Ion:178 Resp: 32045

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.6
179	15.8	13.0	19.4



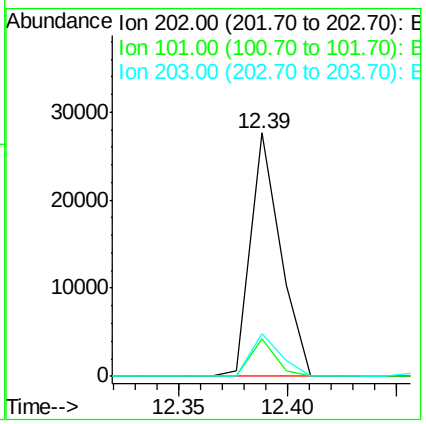


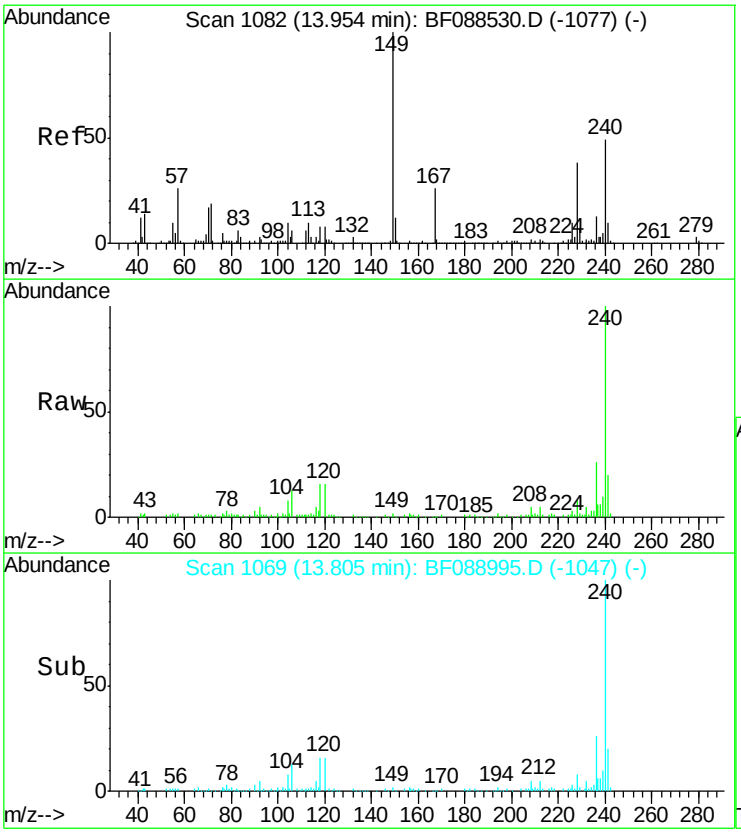
#74
Fluoranthene
Concen: 3.09 ng
RT: 12.39 min Scan# 945
Delta R.T. -0.03 min
Lab File: BF088995.D
Acq: 14 Jul 2016 19:48

Instrument :
BNA_F
ClientSampleId :
B7-B3(0-12)C

Tgt Ion:202 Resp: 26463

Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	33.1
203	17.7	0.0	38.1

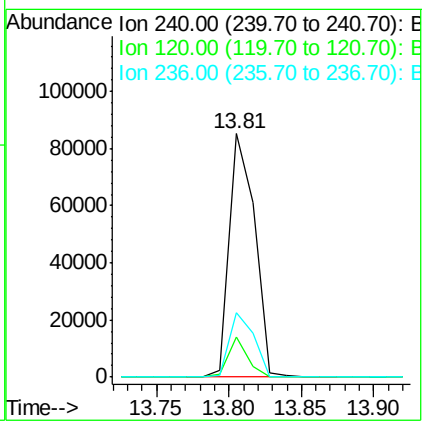


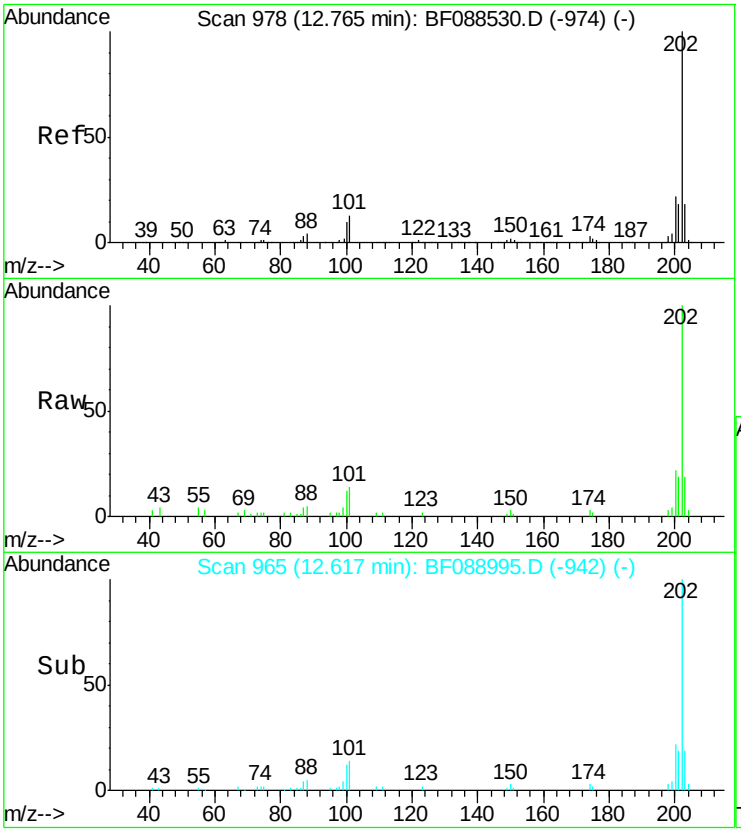


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.05 min
Lab File: BF088995.D
Acq: 14 Jul 2016 19:48

Tgt Ion:240 Resp: 103514

Ion	Ratio	Lower	Upper
240	100		
120	16.5	6.8	10.2#
236	26.3	20.2	30.2



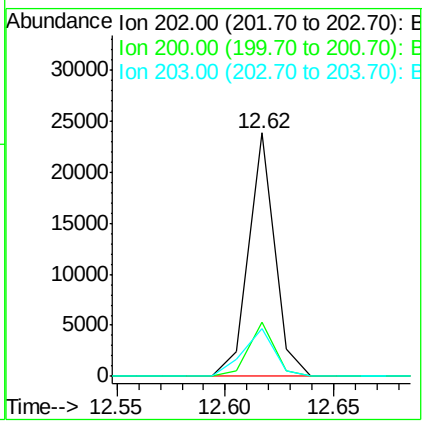


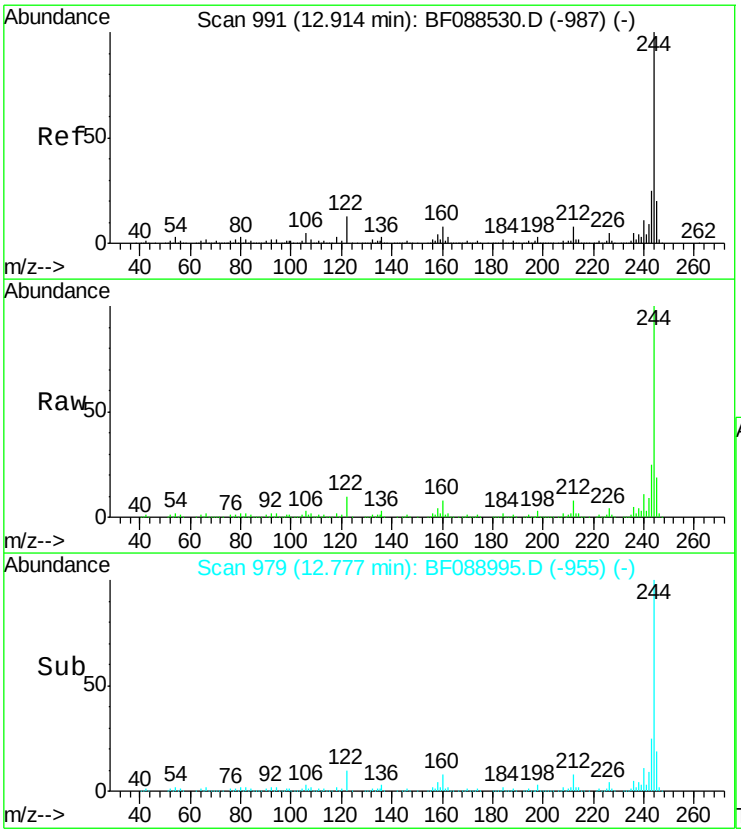
#77
Pyrene
Concen: 2.27 ng
RT: 12.62 min Scan# 965
Delta R.T. -0.03 min
Lab File: BF088995.D
Acq: 14 Jul 2016 19:48

Instrument :
BNA_F
ClientSampleId :
B7-B3(0-12)C

Tgt Ion:202 Resp: 19880

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	19.4	14.5	21.7

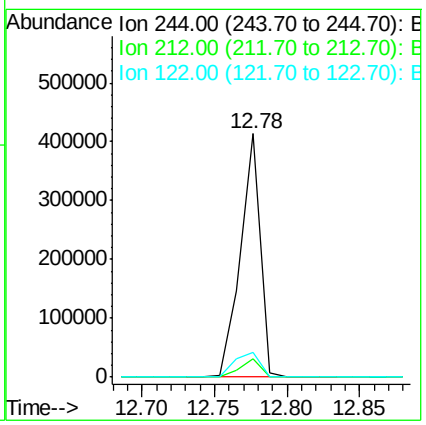


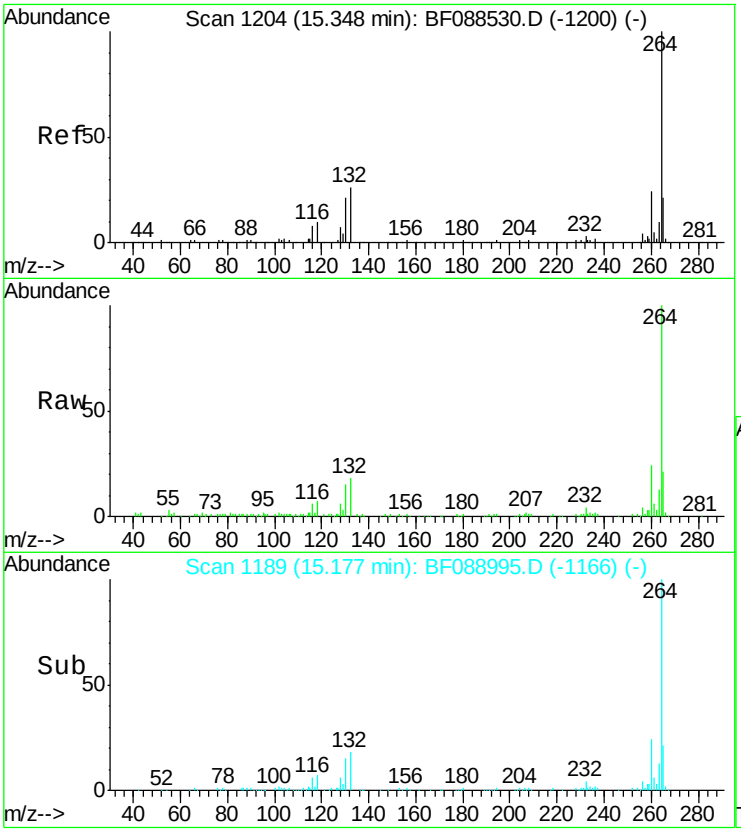


#78
Terphenyl-d14
Concen: 84.20 ng
RT: 12.78 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF088995.D
Acq: 14 Jul 2016 19:48

Tgt Ion:244 Resp: 391295

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	10.1	11.2	16.8#



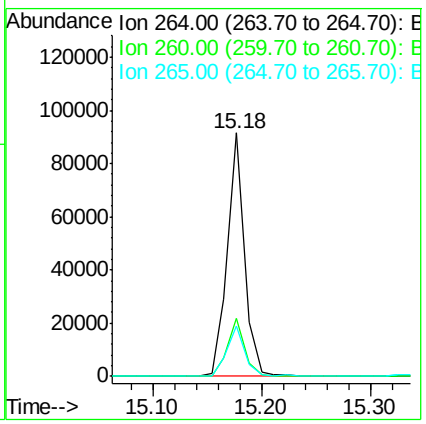


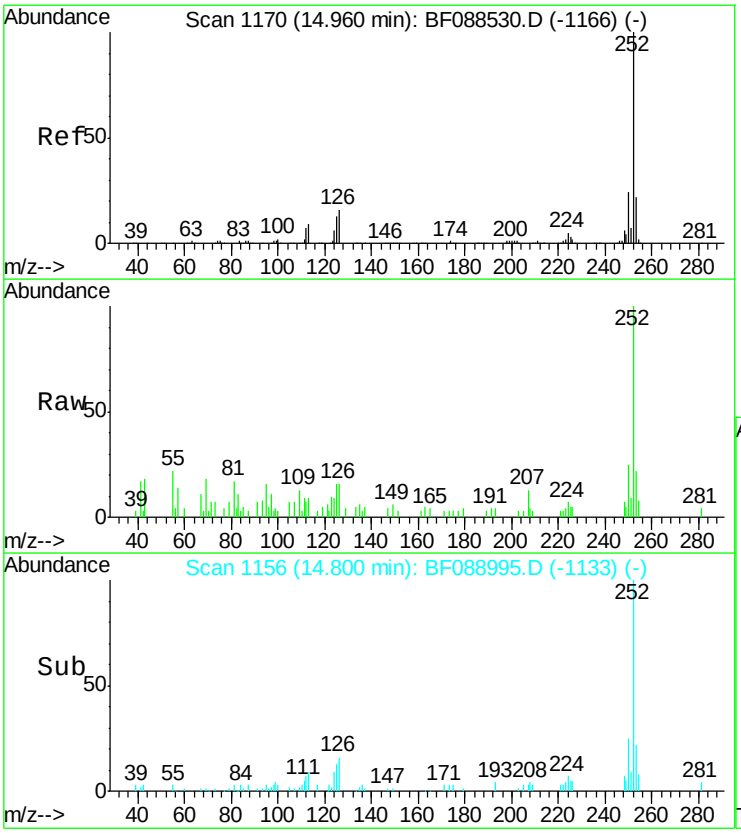
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BF088995.D
Acq: 14 Jul 2016 19:48

Instrument :
BNA_F
ClientSampleId :
B7-B3(0-12)C

Tgt Ion:264 Resp: 99487

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.8	16.9	25.3

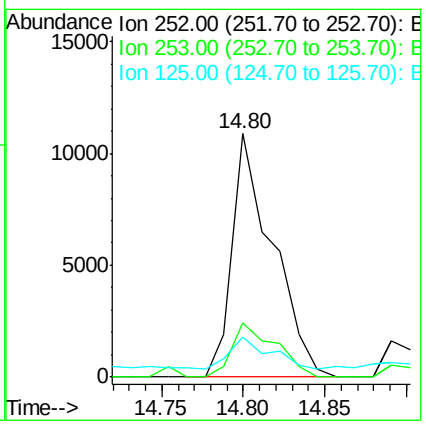


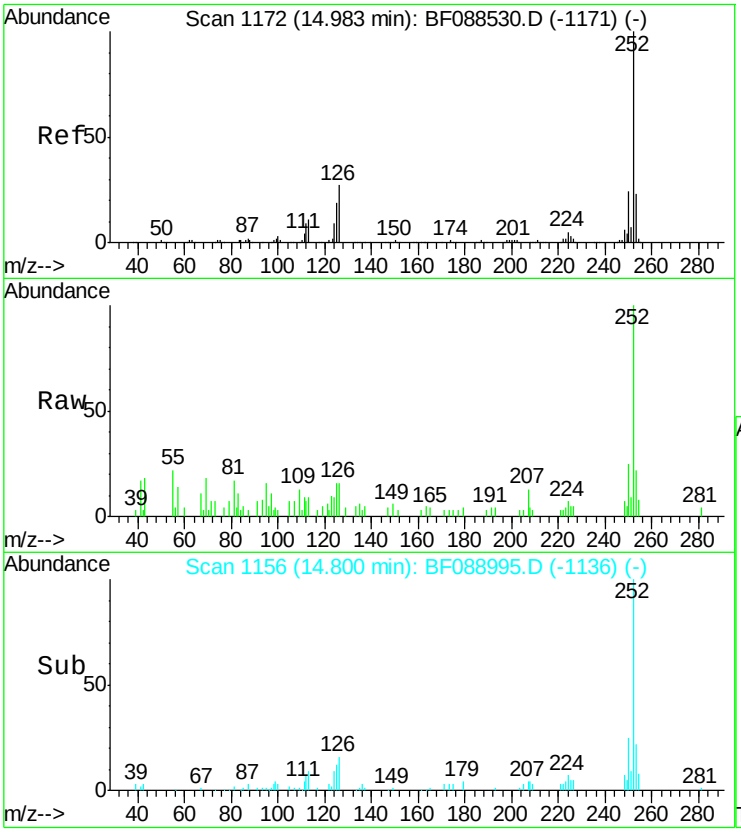


#87
Benzo(b)fluoranthene
Concen: 2.98 ng
RT: 14.80 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF088995.D
Acq: 14 Jul 2016 19:48

Tgt Ion:252 Resp: 18619

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	16.4	7.1	10.7#





#88
Benzo(k)fluoranthene
Concen: 3.43 ng
RT: 14.80 min Scan# 1156
Delta R.T. -0.07 min
Lab File: BF088995.D
Acq: 14 Jul 2016 19:48

Instrument :
BNA_F
ClientSampleId :
B7-B3(0-12)C

Tgt Ion:252 Resp: 18619

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	16.4	11.2	16.8