Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082797.D
Acq On : 7 Nov 2015 8:38
Operator : UM/IZ
Sample : G4246-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-14L

Quant Time: Nov 08 23:57:37 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	245163	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	1011692	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	497717	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	924680	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	784725	20.00	ng		-0.01
86) Perylene-d12	15.43	264	597502	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1323876	84.02	ng		0.00
7) Phenol-d6	6.48	99	1684744	80.43	ng		0.00
23) Nitrobenzene-d5	7.40	82	1149984	49.46	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	358688	62.85	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	1466607	42.23	ng		-0.01
78) Terphenyl-d14	12.96	244	1262506	38.16	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	151589	9.84	ng	#	69
25) Isophorone	7.40	82	1072316	24.93	ng	#	69
49) Dimethylphthalate	9.61	163	717185	17.59	ng		98
56) 2,4-Dinitrotoluene	9.88	165	65198	5.52	ng	#	15
66) 4-Bromophenyl-phenylether	10.67	248	23257	2.09	ng	#	1
70) Phenanthrene	11.39	178	527099	9.82	ng		96
71) Anthracene	11.44	178	150296	2.66	ng		97
74) Fluoranthene	12.58	202	619970	10.76	ng		98
77) Pyrene	12.81	202	554757	10.29	ng		96
80) Benzo(a)anthracene	14.00	228	227157	4.63	ng		96
82) Chrysene	14.00	228	227157	5.05	ng		94
87) Benzo(b)fluoranthene	15.03	252	217233	5.66	ng	#	96
88) Benzo(k)fluoranthene	15.03	252	217233	6.38	ng	#	96
89) Benzo(a)pyrene	15.37	252	111947	3.37	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082797.D
Acq On : 7 Nov 2015 8:38
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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
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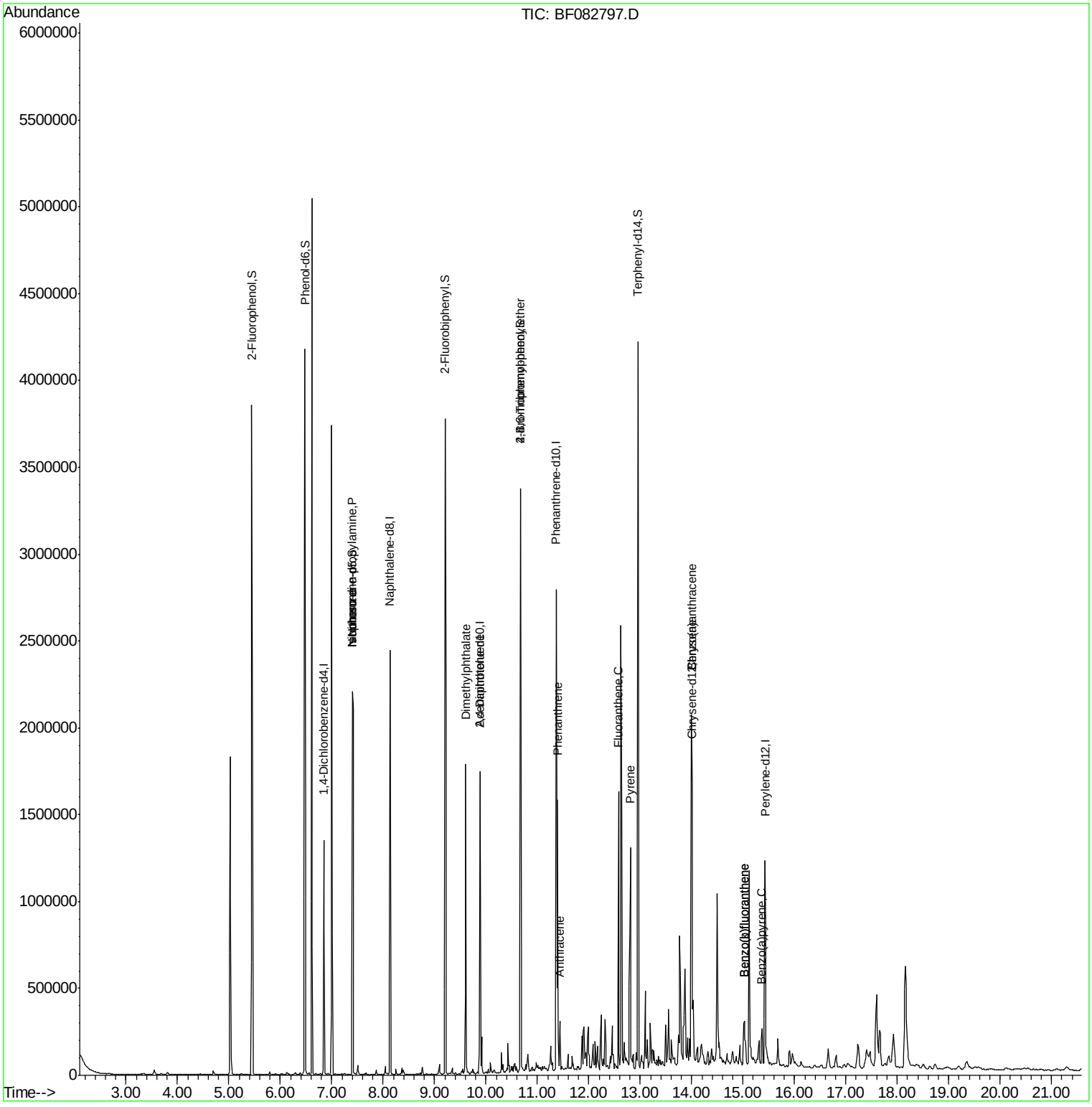
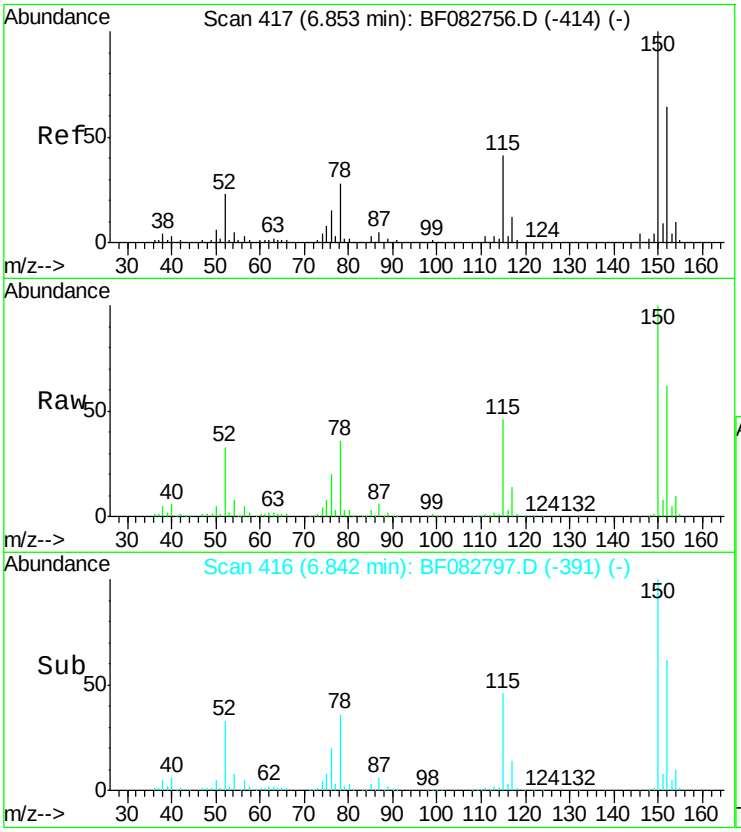


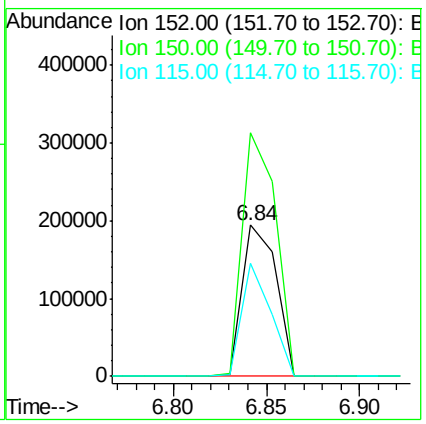


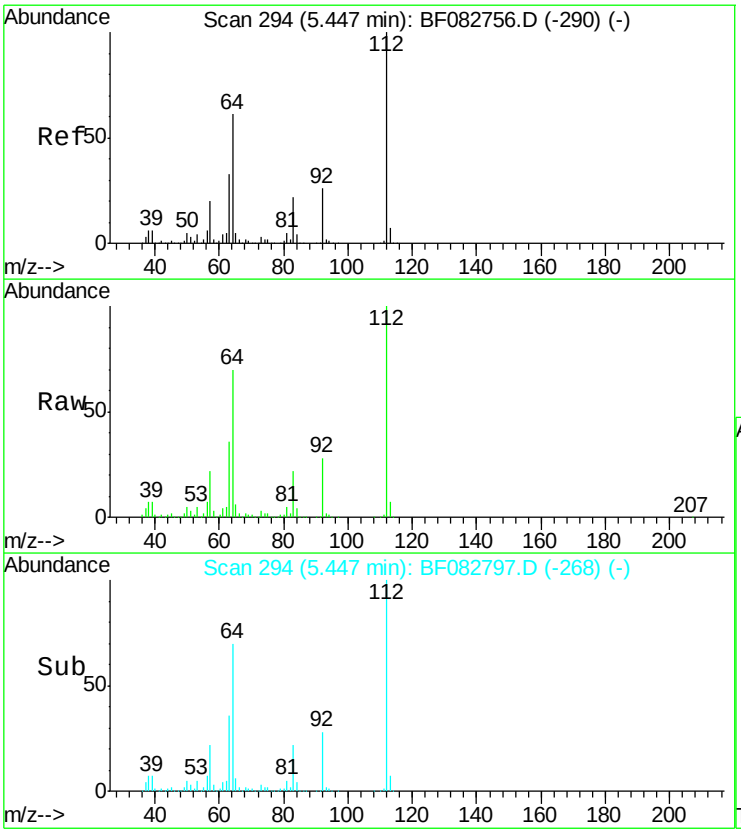
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF082797.D
Acq: 7 Nov 2015 8:38

Instrument :
BNA_F
ClientSampleId :
T-14L

Tgt Ion:152 Resp: 245163

Ion	Ratio	Lower	Upper
152	100		
150	160.9	127.0	190.4
115	74.3	47.0	70.6#

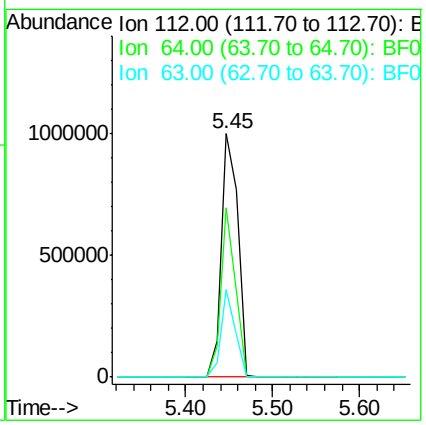


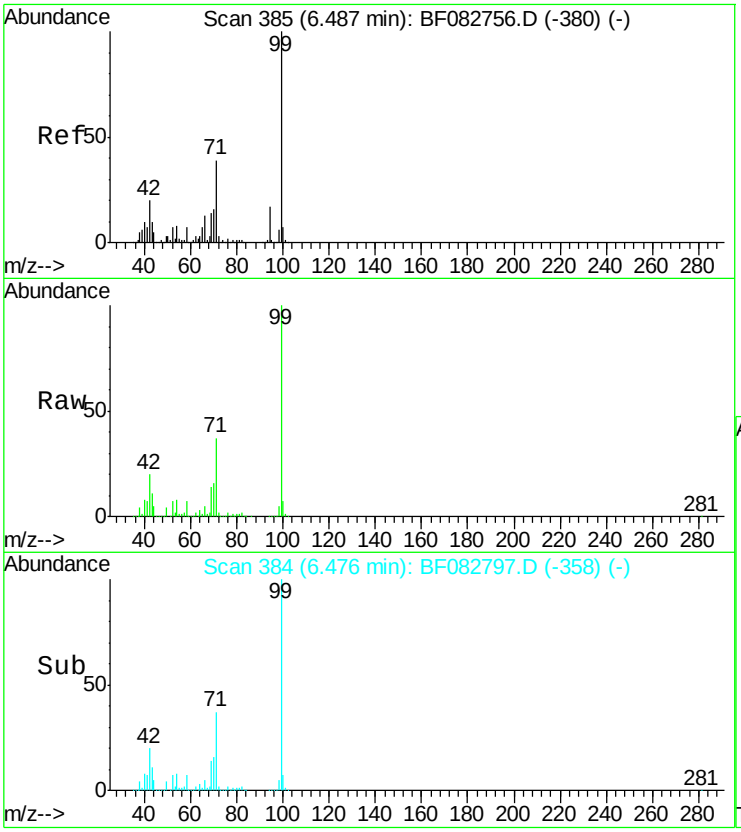


#5
2-Fluorophenol
Concen: 84.02 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.00 min
Lab File: BF082797.D
Acq: 7 Nov 2015 8:38

Tgt Ion:112 Resp: 1323876

Ion	Ratio	Lower	Upper
112	100		
64	69.8	48.9	73.3
63	36.1	28.1	42.1



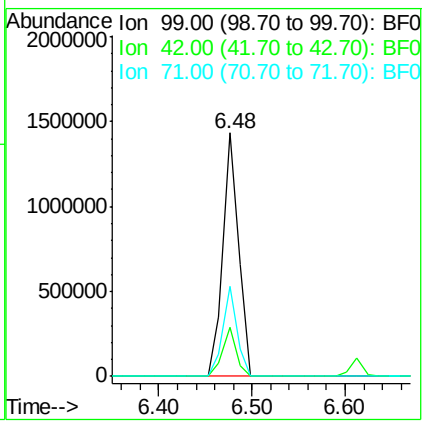


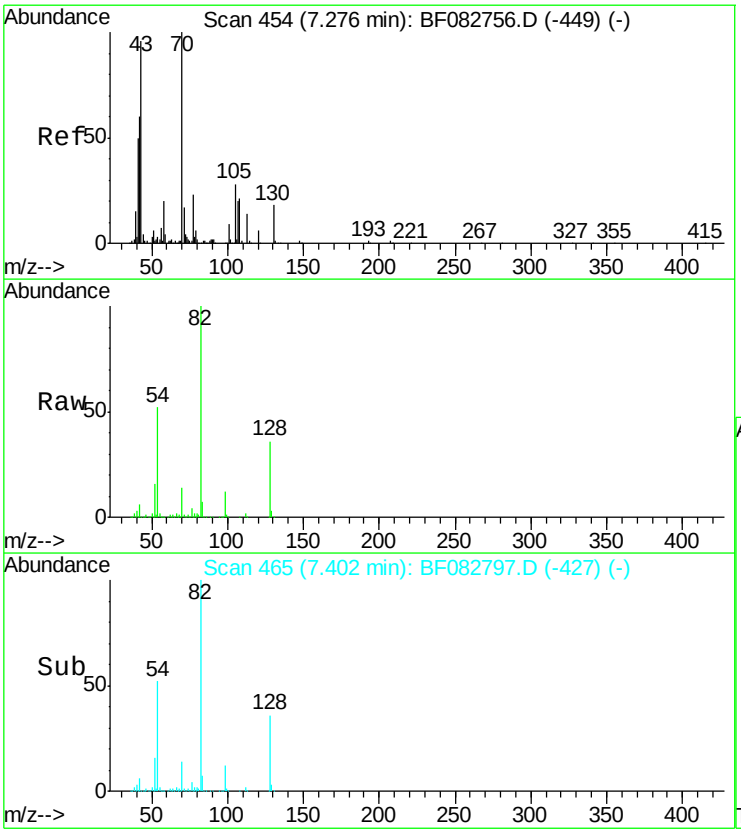
#7
Phenol-d6
Concen: 80.43 ng
RT: 6.48 min Scan# 384
Delta R.T. 0.00 min
Lab File: BF082797.D
Acq: 7 Nov 2015 8:38

Instrument :
BNA_F
ClientSampleId :
T-14L

Tgt Ion: 99 Resp: 1684744

Ion	Ratio	Lower	Upper
99	100		
42	20.2	19.2	28.8
71	37.0	35.0	52.4

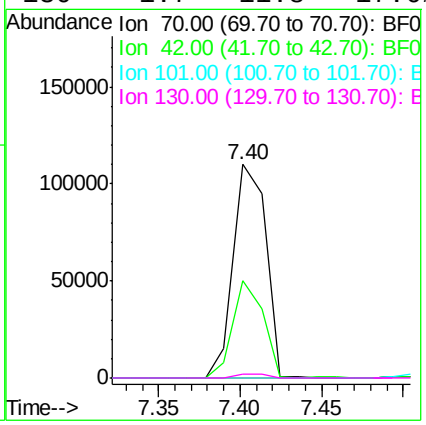


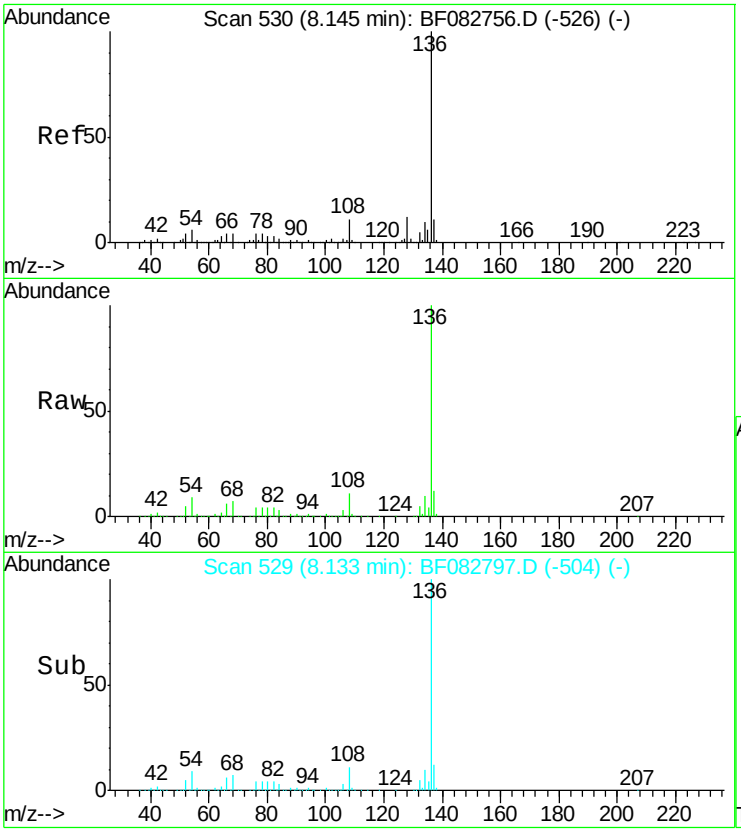


#19
n-Nitroso-di-n-propylamine
Concen: 9.84 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.14 min
Lab File: BF082797.D
Acq: 7 Nov 2015 8:38

Tgt Ion: 70 Resp: 151589

Ion	Ratio	Lower	Upper
70	100		
42	45.7	57.7	86.5#
101	0.0	7.0	10.6#
130	1.7	11.8	17.6#



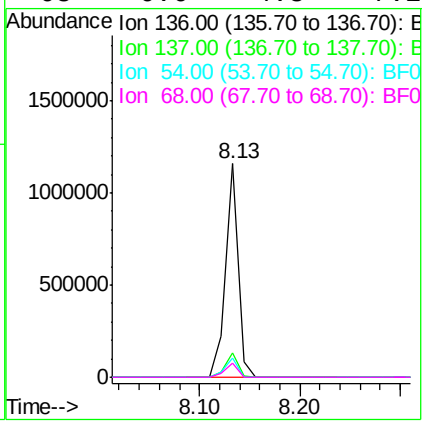


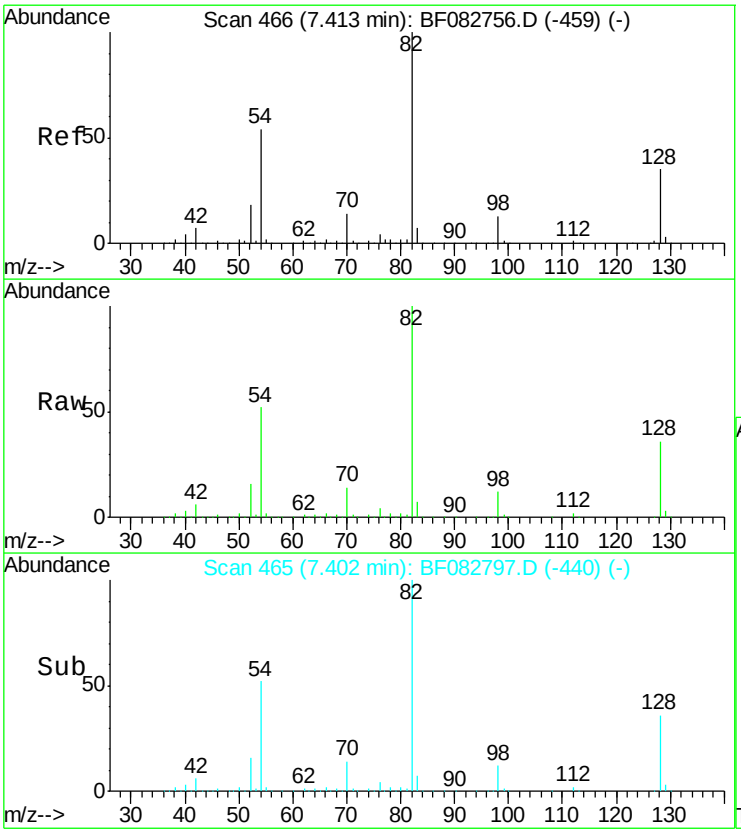
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082797.D
Acq: 7 Nov 2015 8:38

Instrument :
BNA_F
ClientSampleId :
T-14L

Tgt Ion:136 Resp: 1011692

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	9.0	9.1	13.7#
68	6.6	4.8	7.2

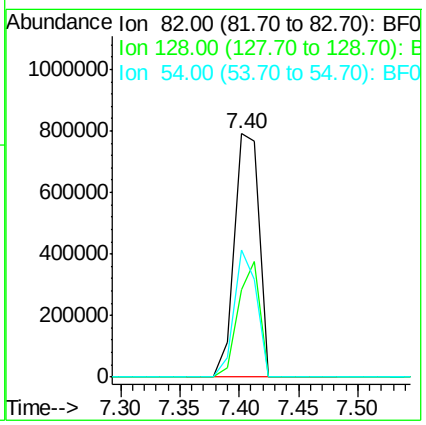


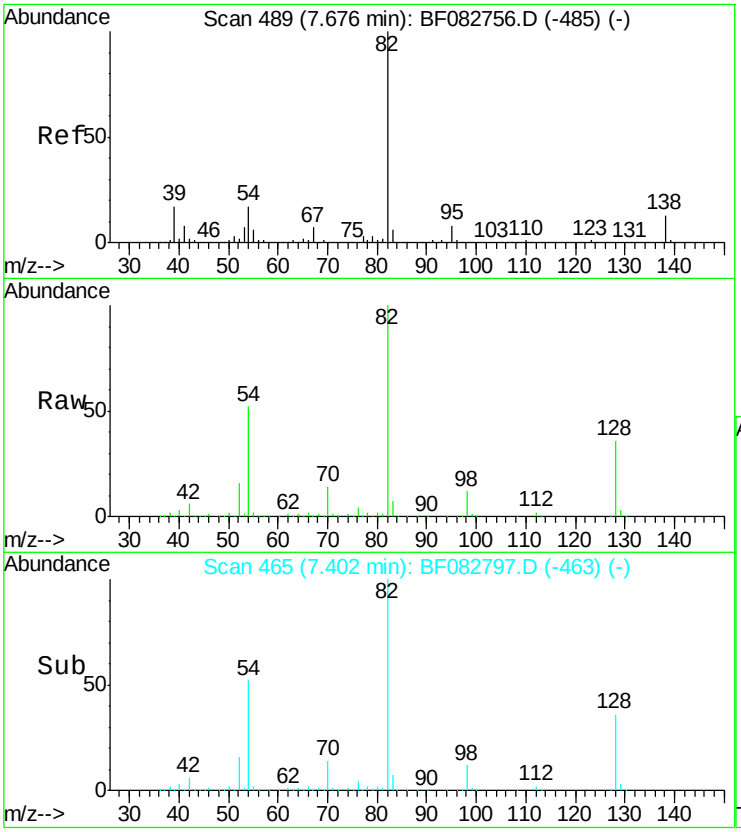


#23
Nitrobenzene-d5
Concen: 49.46 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF082797.D
Acq: 7 Nov 2015 8:38

Tgt Ion: 82 Resp: 1149984

Ion	Ratio	Lower	Upper
82	100		
128	36.0	26.8	40.2
54	52.2	45.7	68.5



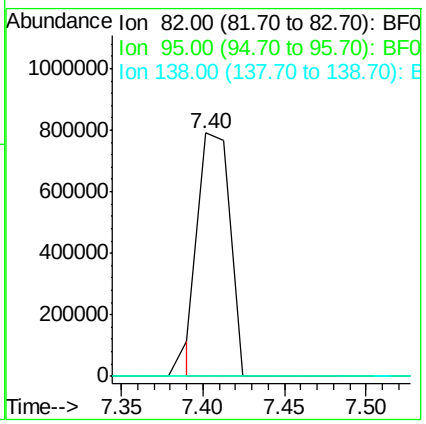


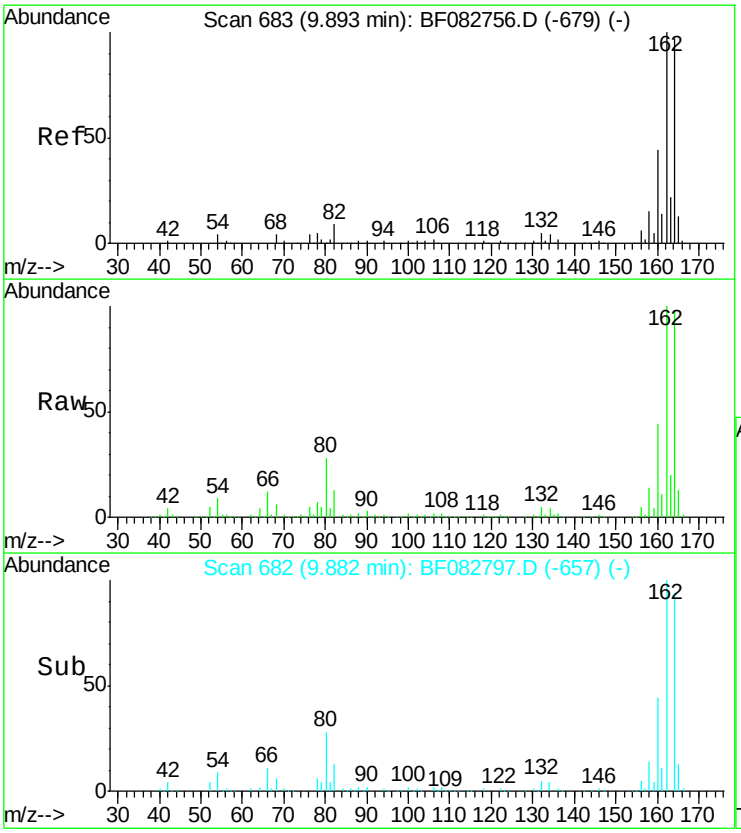
#25
Isophorone
Concen: 24.93 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.27 min
Lab File: BF082797.D
Acq: 7 Nov 2015 8:38

Instrument :
BNA_F
ClientSampleId :
T-14L

Tgt Ion: 82 Resp: 1072316

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	9.8#
138	0.0	11.4	17.0#

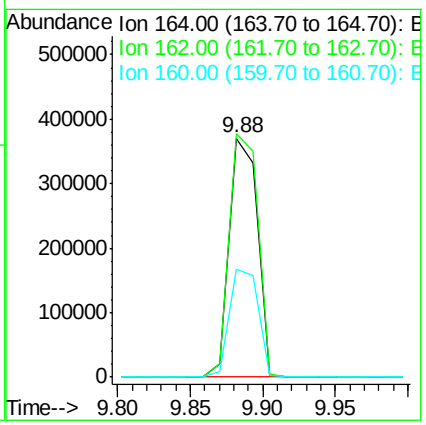


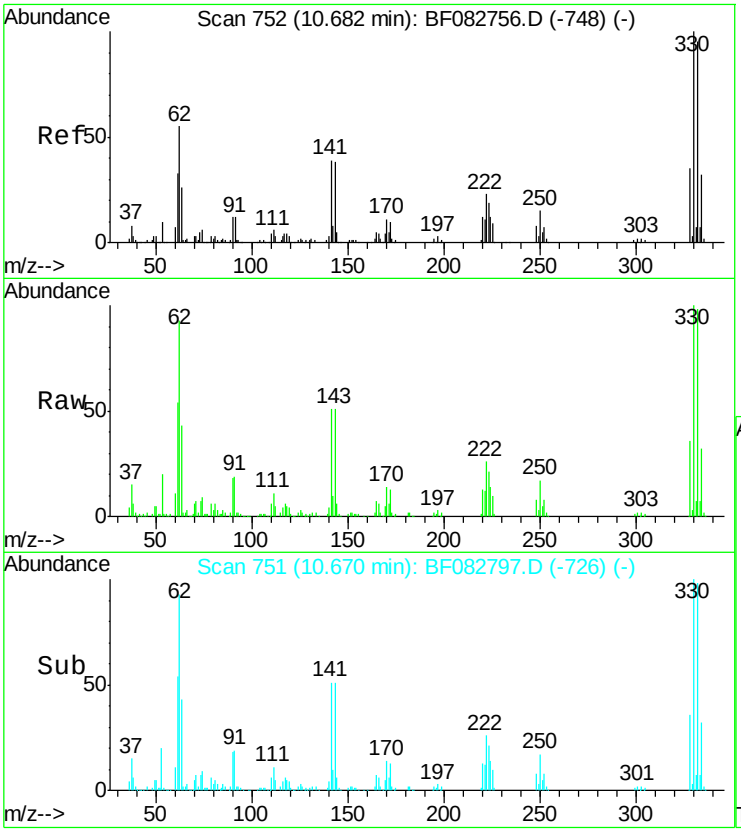


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF082797.D
Acq: 7 Nov 2015 8:38

Tgt Ion:164 Resp: 497717

Ion	Ratio	Lower	Upper
164	100		
162	101.9	84.9	127.3
160	45.1	37.5	56.3



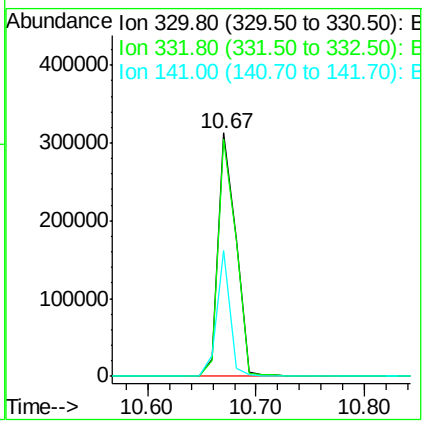


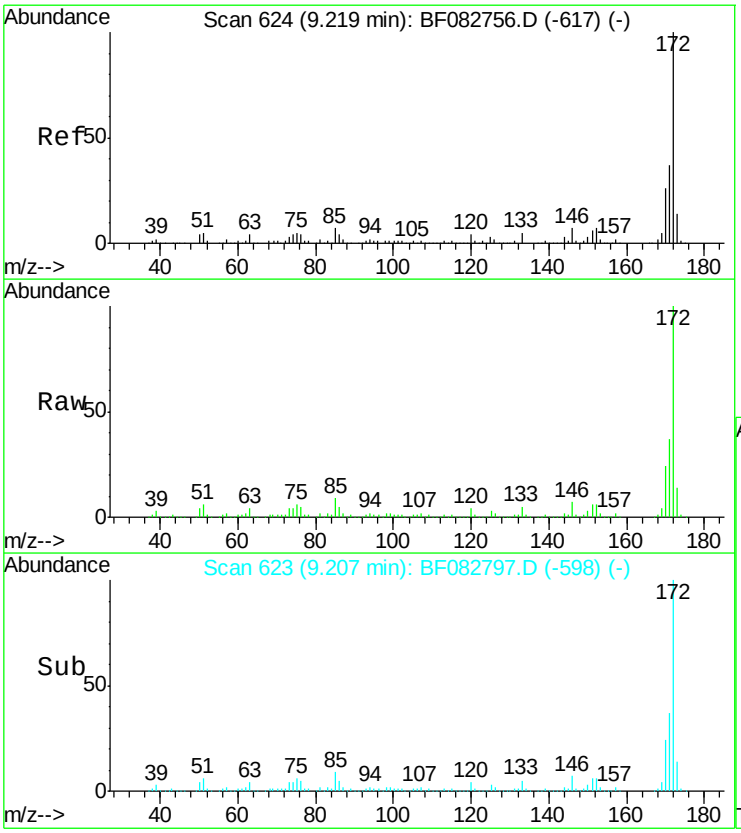
#41
2,4,6-Tribromophenol
Concen: 62.85 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF082797.D
Acq: 7 Nov 2015 8:38

Instrument :
BNA_F
ClientSampleId :
T-14L

Tgt Ion:330 Resp: 358688

Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.6	114.8
141	38.7	41.2	61.8#

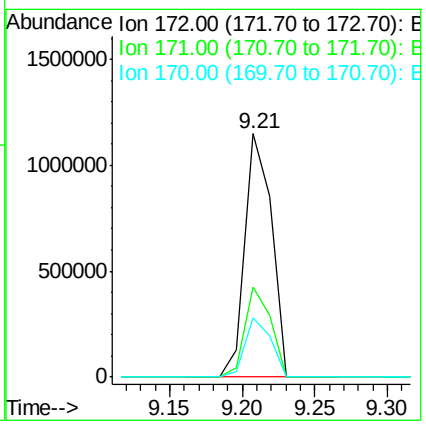


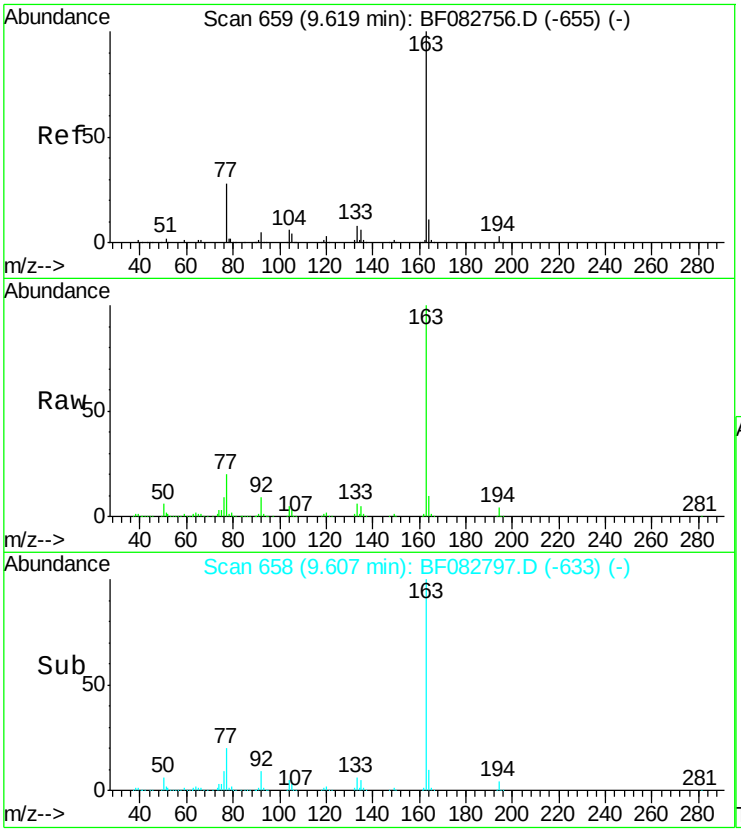


#44
2-Fluorobiphenyl
Concen: 42.23 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF082797.D
Acq: 7 Nov 2015 8:38

Tgt Ion:172 Resp: 1466607

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.8	46.2
170	24.4	21.2	31.8



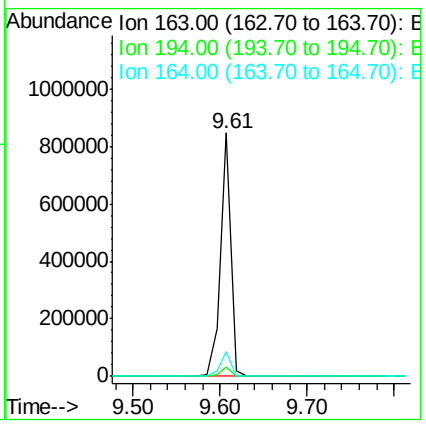


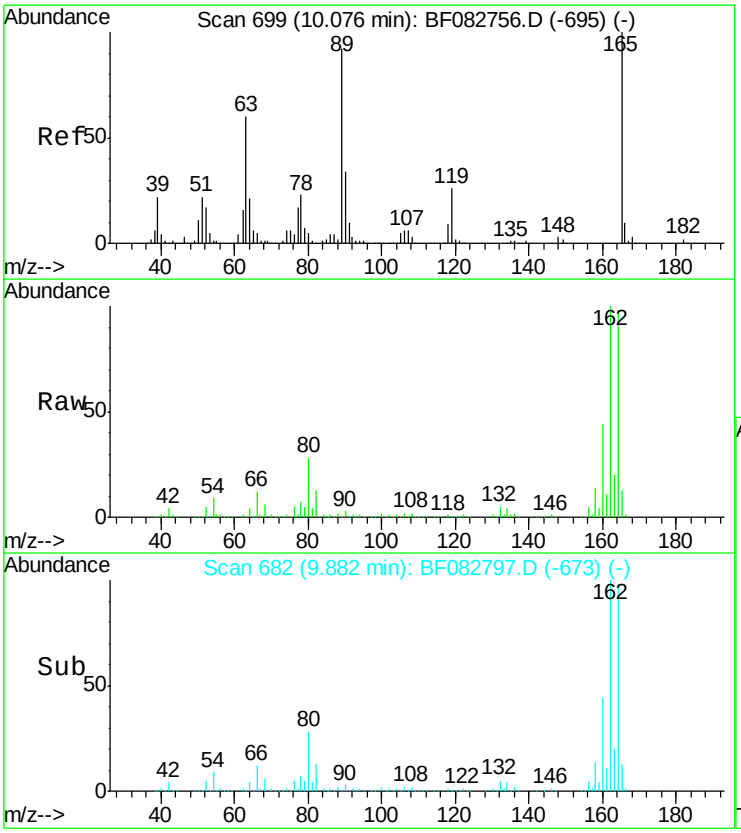
#49
Dimethylphthalate
Concen: 17.59 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF082797.D
Acq: 7 Nov 2015 8:38

Instrument :
BNA_F
ClientSampleId :
T-14L

Tgt Ion:163 Resp: 717185

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.1	8.7	13.1

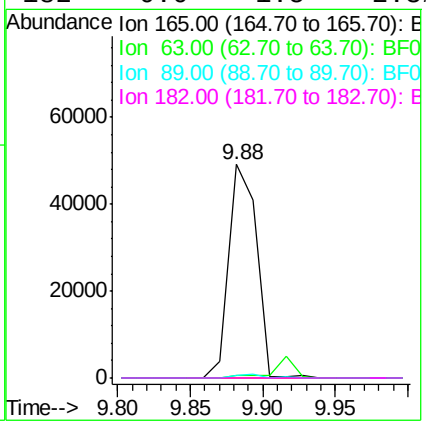


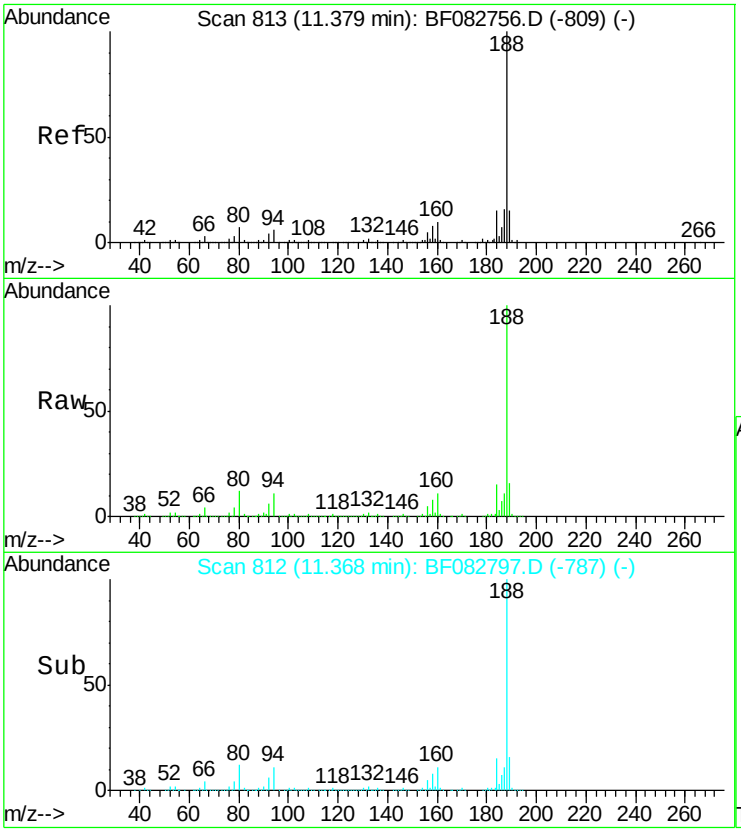


#56
2,4-Dinitrotoluene
Concen: 5.52 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.19 min
Lab File: BF082797.D
Acq: 7 Nov 2015 8:38

Tgt Ion:165 Resp: 65198

Ion	Ratio	Lower	Upper
165	100		
63	1.2	43.4	65.0#
89	1.3	70.6	106.0#
182	0.0	1.5	2.3#



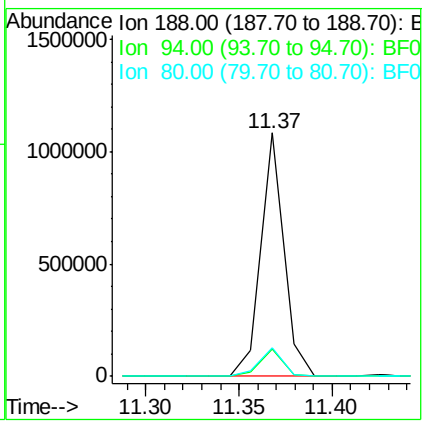


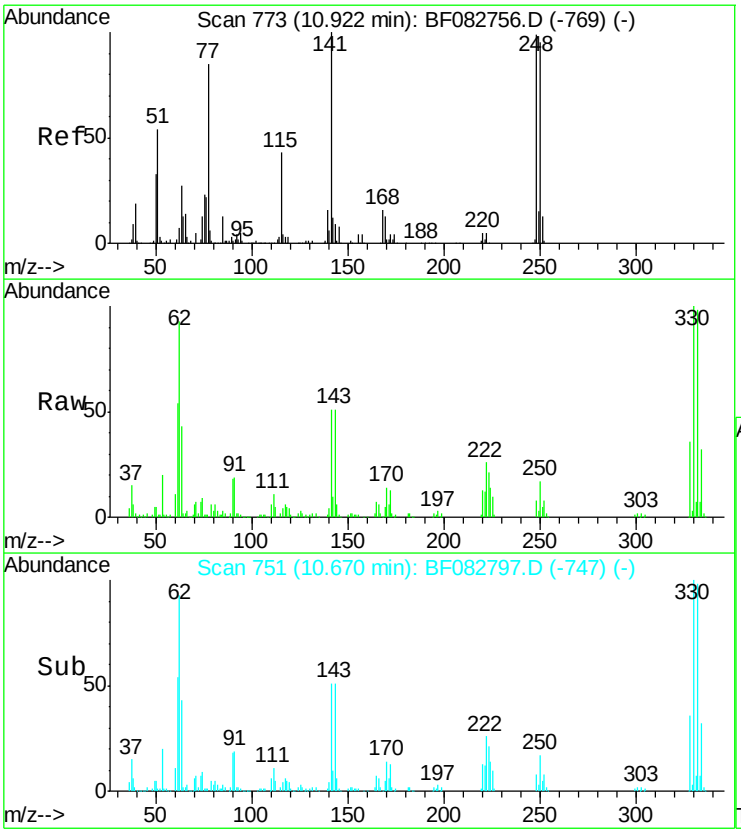
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF082797.D
Acq: 7 Nov 2015 8:38

Instrument :
BNA_F
ClientSampleId :
T-14L

Tgt Ion:188 Resp: 924680

Ion	Ratio	Lower	Upper
188	100		
94	11.3	6.1	9.1#
80	12.0	7.0	10.6#

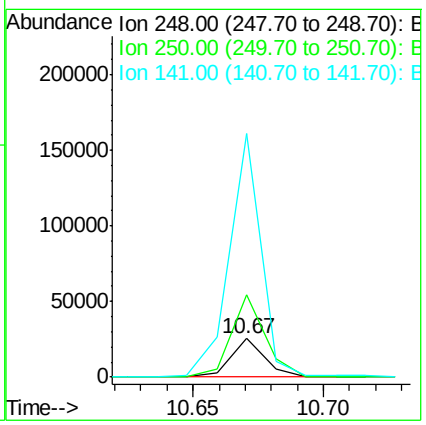


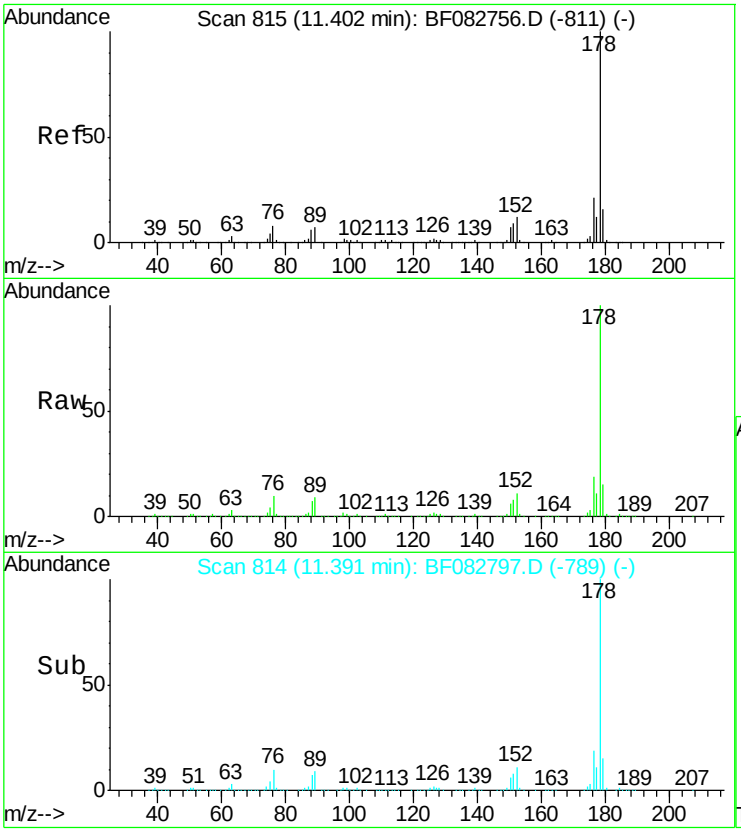


#66
4-Bromophenyl-phenylether
Concen: 2.09 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF082797.D
Acq: 7 Nov 2015 8:38

Tgt Ion:248 Resp: 23257

Ion	Ratio	Lower	Upper
248	100		
250	213.4	79.4	119.2#
141	632.0	36.3	54.5#



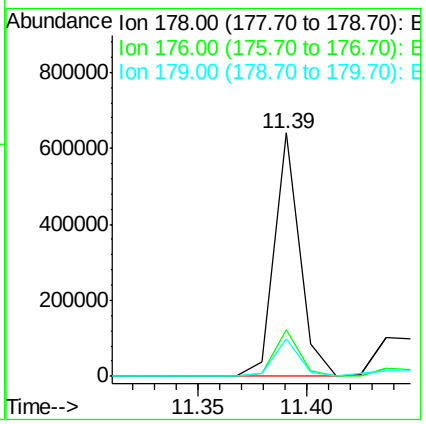


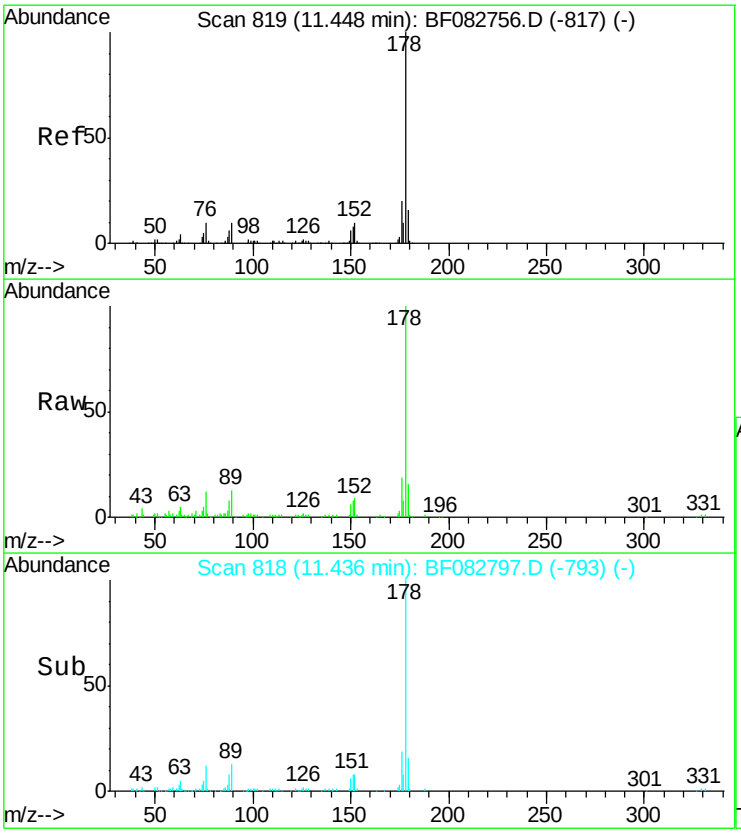
#70
Phenanthrene
Concen: 9.82 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF082797.D
Acq: 7 Nov 2015 8:38

Instrument :
BNA_F
ClientSampleId :
T-14L

Tgt Ion:178 Resp: 527099

Ion	Ratio	Lower	Upper
178	100		
176	19.2	17.0	25.4
179	15.4	13.4	20.0

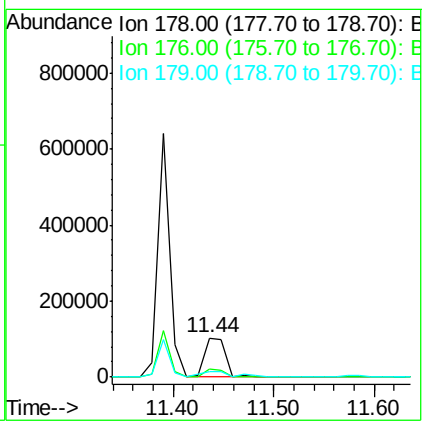


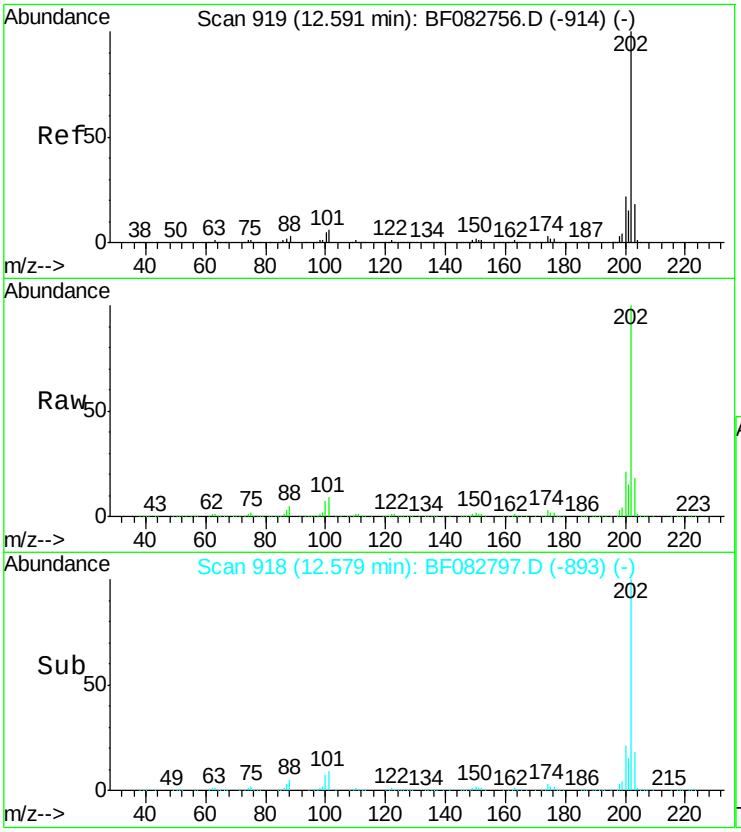


#71
Anthracene
Concen: 2.66 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF082797.D
Acq: 7 Nov 2015 8:38

Tgt Ion:178 Resp: 150296

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.5	24.7
179	15.7	13.2	19.8



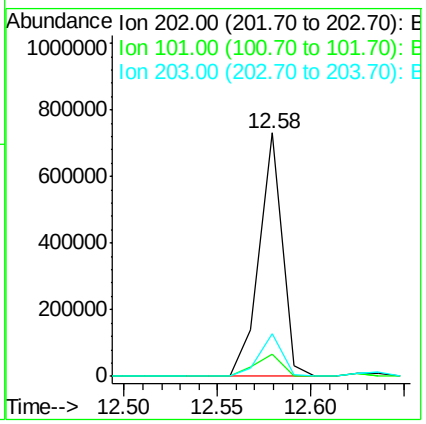


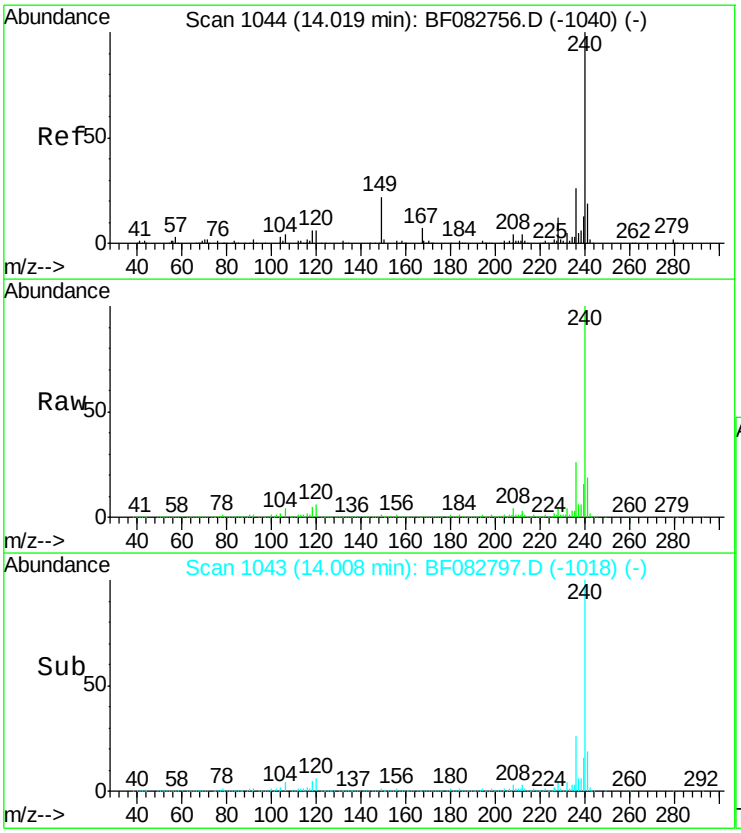
#74
Fluoranthene
Concen: 10.76 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF082797.D
Acq: 7 Nov 2015 8:38

Instrument :
BNA_F
ClientSampleId :
T-14L

Tgt Ion:202 Resp: 619970

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.5
203	17.6	0.0	38.5

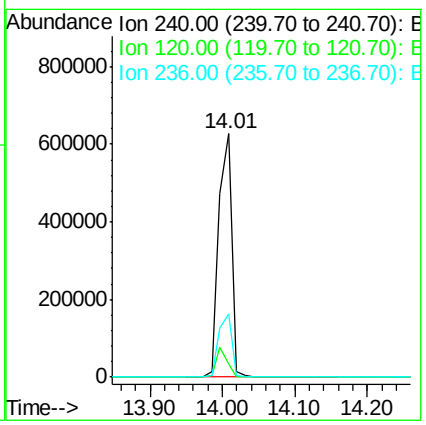


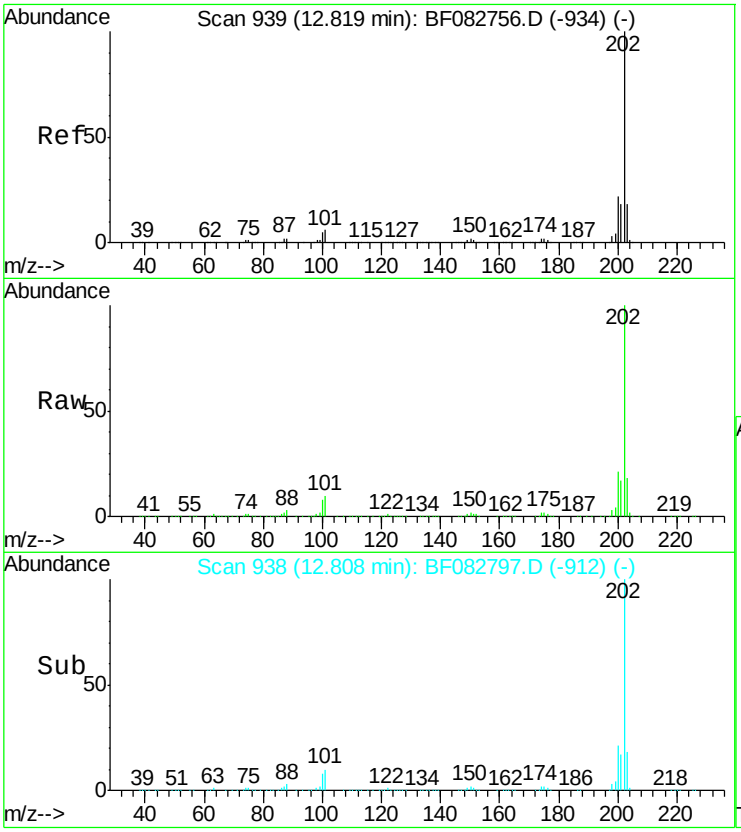


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF082797.D
Acq: 7 Nov 2015 8:38

Tgt Ion:240 Resp: 784725

Ion	Ratio	Lower	Upper
240	100		
120	5.7	10.9	16.3#
236	25.9	21.6	32.4



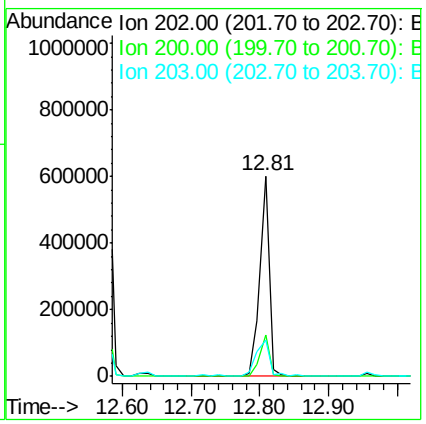


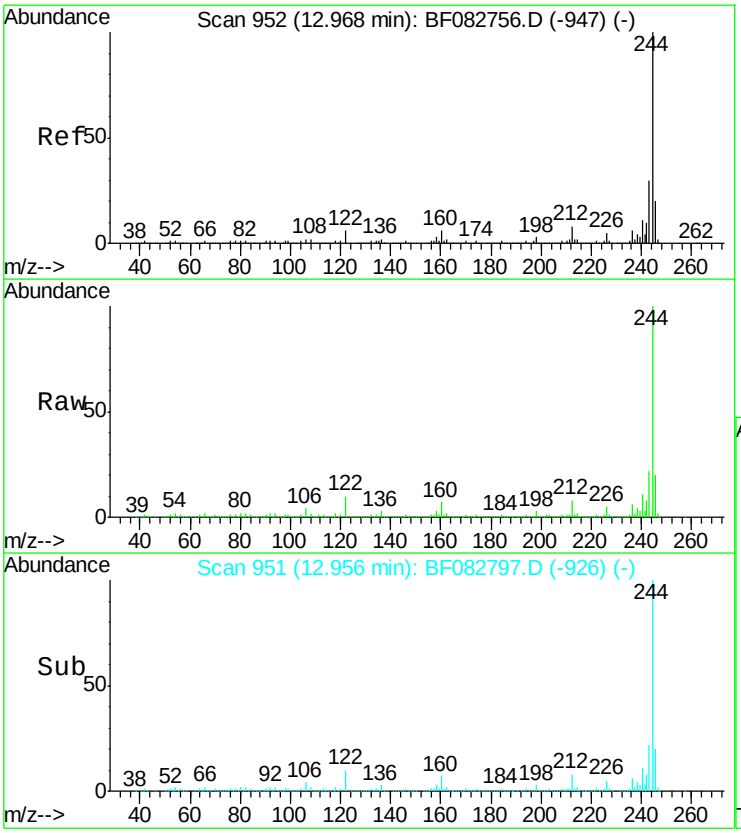
#77
Pyrene
Concen: 10.29 ng
RT: 12.81 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF082797.D
Acq: 7 Nov 2015 8:38

Instrument :
BNA_F
ClientSampleId :
T-14L

Tgt Ion:202 Resp: 554757

Ion	Ratio	Lower	Upper
202	100		
200	20.7	18.7	28.1
203	17.9	14.8	22.2

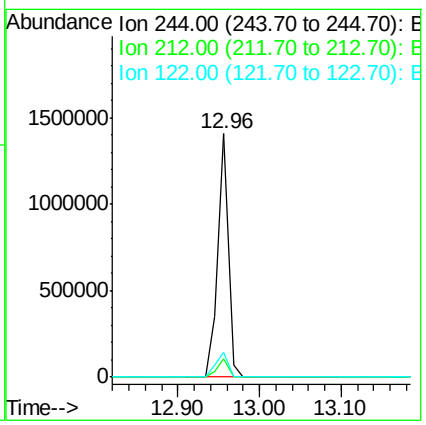


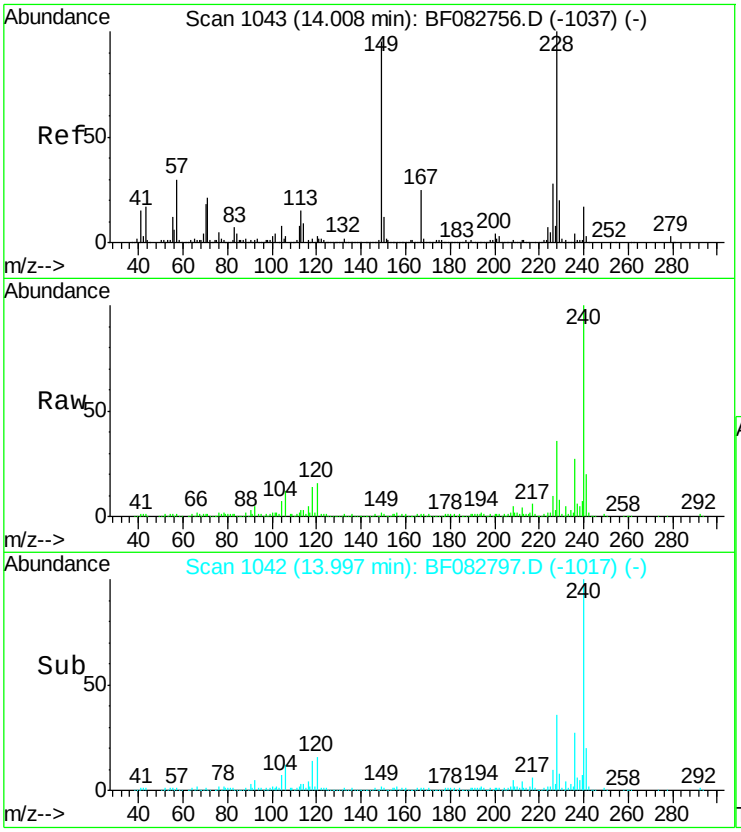


#78
Terphenyl-d14
Concen: 38.16 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF082797.D
Acq: 7 Nov 2015 8:38

Tgt Ion:244 Resp: 1262506

Ion	Ratio	Lower	Upper
244	100		
212	7.7	7.6	11.4
122	10.2	11.3	16.9#



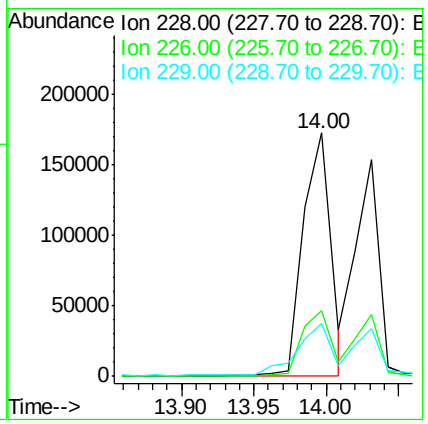


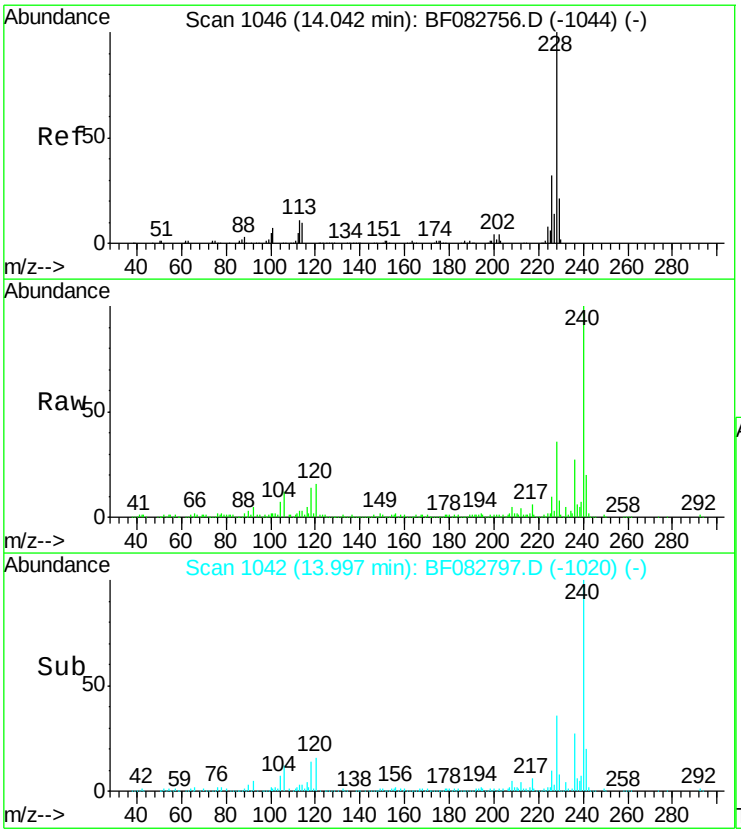
#80
Benzo(a)anthracene
Concen: 4.63 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF082797.D
Acq: 7 Nov 2015 8:38

Instrument :
BNA_F
ClientSampleId :
T-14L

Tgt Ion:228 Resp: 227157

Ion	Ratio	Lower	Upper
228	100		
226	26.9	23.4	35.2
229	21.5	16.3	24.5

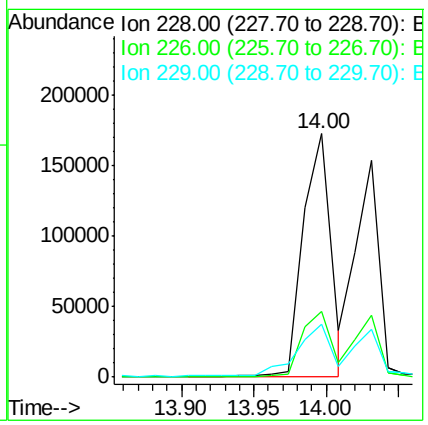


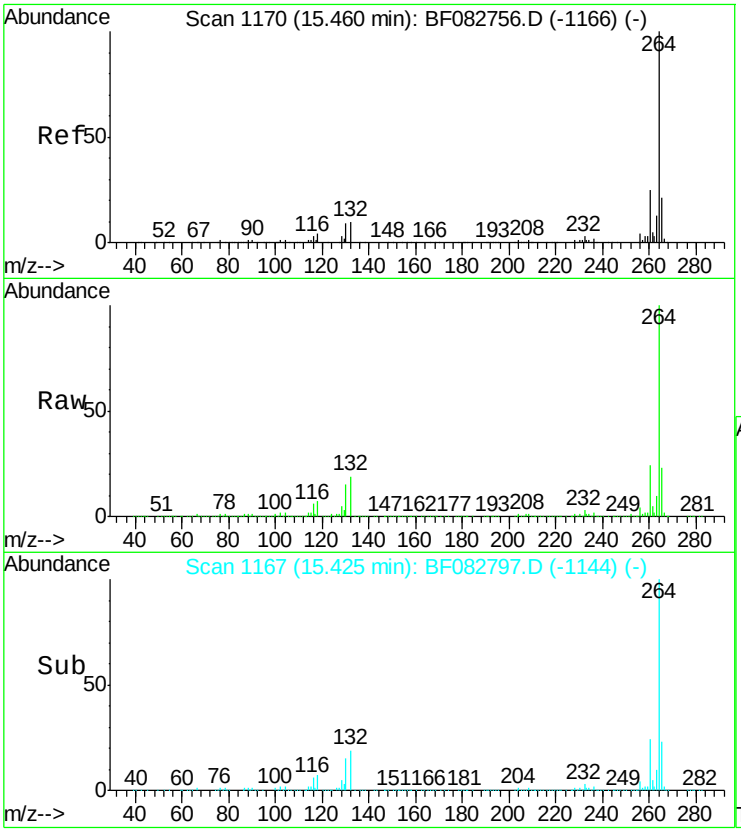


#82
Chrysene
Concen: 5.05 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.05 min
Lab File: BF082797.D
Acq: 7 Nov 2015 8:38

Tgt Ion:228 Resp: 227157

Ion	Ratio	Lower	Upper
228	100		
226	26.9	25.5	38.3
229	21.5	16.3	24.5



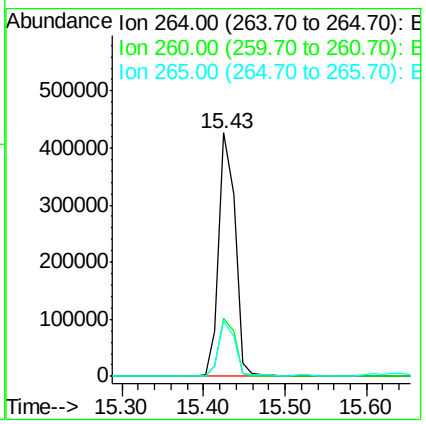


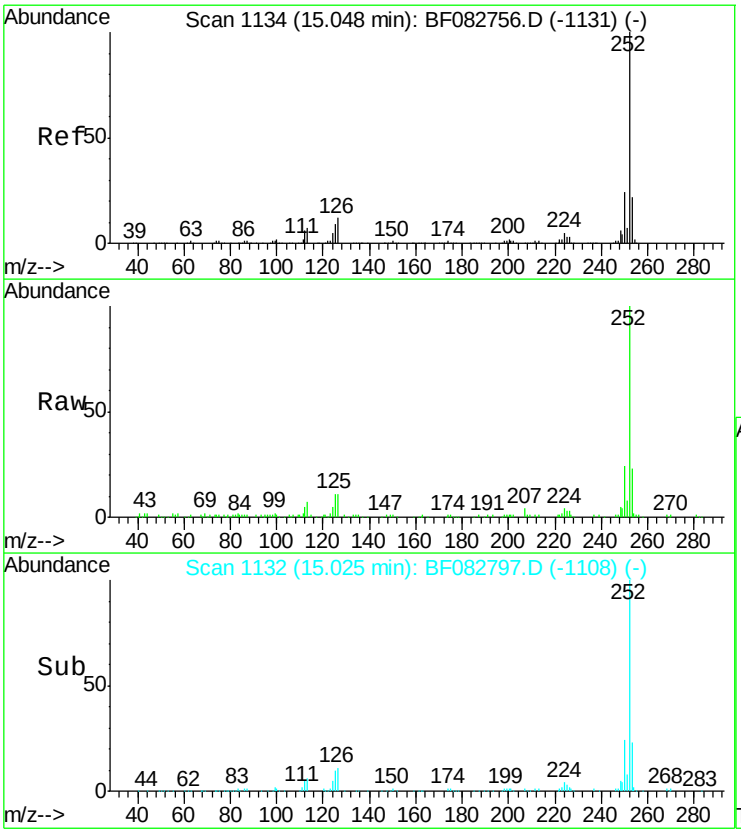
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF082797.D
Acq: 7 Nov 2015 8:38

Instrument :
BNA_F
ClientSampleId :
T-14L

Tgt Ion:264 Resp: 597502

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.6
265	22.6	17.4	26.0

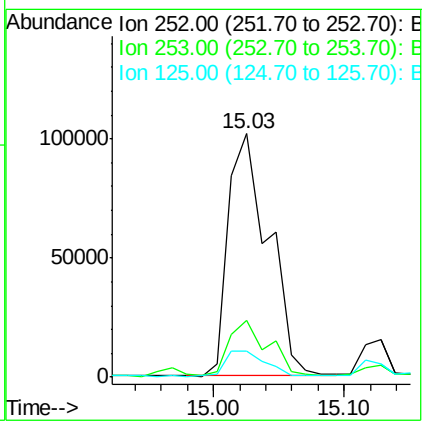


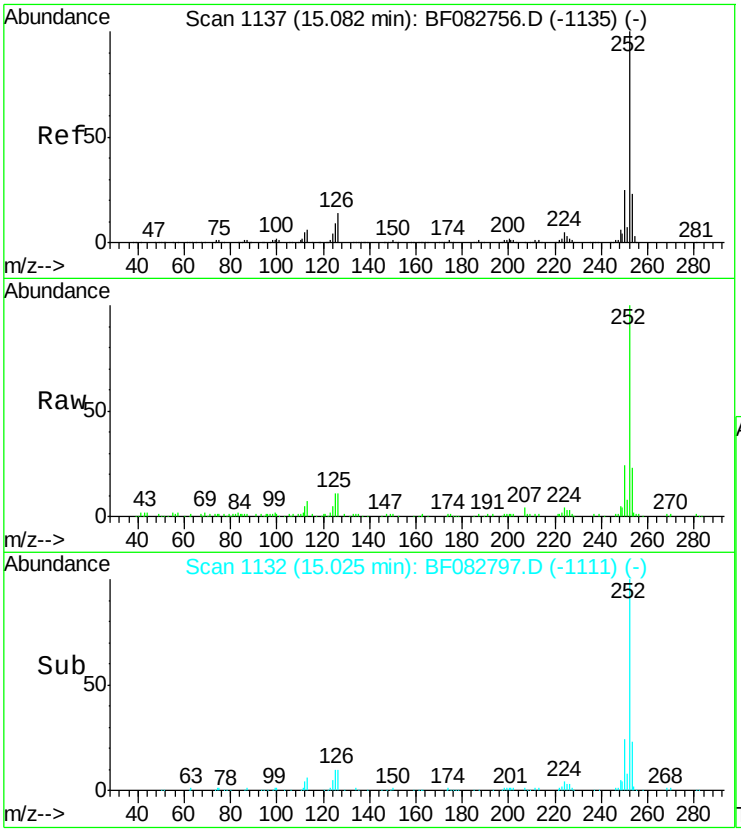


#87
Benzo(b)fluoranthene
Concen: 5.66 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.02 min
Lab File: BF082797.D
Acq: 7 Nov 2015 8:38

Tgt Ion:252 Resp: 217233

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	10.9	5.4	8.2#



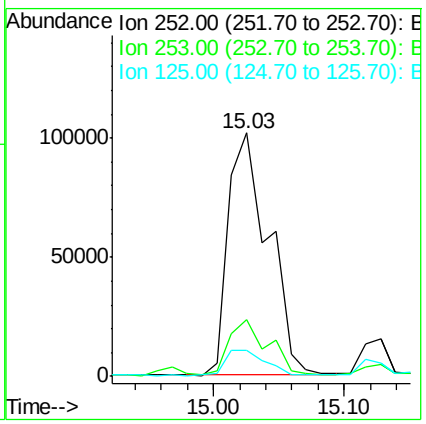


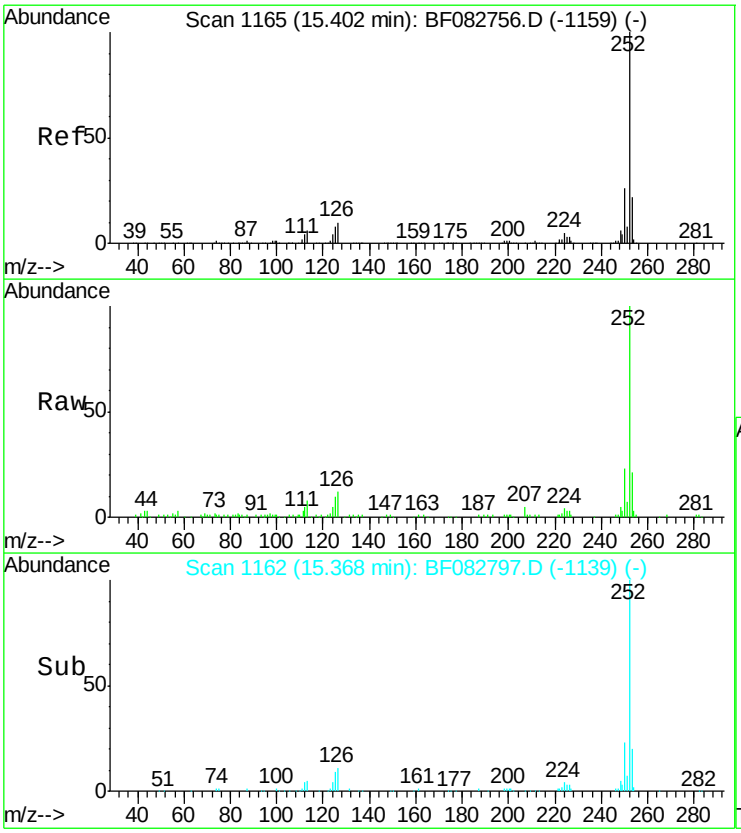
#88
Benzo(k)fluoranthene
Concen: 6.38 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.06 min
Lab File: BF082797.D
Acq: 7 Nov 2015 8:38

Instrument :
BNA_F
ClientSampleId :
T-14L

Tgt Ion:252 Resp: 217233

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	10.9	3.5	5.3#





#89
Benzo(a)pyrene
Concen: 3.37 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.03 min
Lab File: BF082797.D
Acq: 7 Nov 2015 8:38

Tgt Ion:252 Resp: 111947

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.3	25.9
125	9.9	7.1	10.7