Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110615\
Data File : BF082734.D
Acq On : 5 Nov 2015 17:33
Operator : UM/IZ
Sample : G4284-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AVE-E-RA15.1-1

Quant Time: Nov 06 01:15:44 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	160235	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	557019	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	280607	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	443700	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	318398	20.00	ng	-0.03
86) Perylene-d12	15.46	264	314507	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	333006	31.30	ng	-0.01
7) Phenol-d6	6.49	99	459576	32.52	ng	-0.02
23) Nitrobenzene-d5	7.42	82	291767	21.39	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	84390	27.48	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	469422	23.75	ng	-0.02
78) Terphenyl-d14	12.97	244	288233	19.81	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	38711	3.61	ng	# 67
49) Dimethylphthalate	9.62	163	110466	4.82	ng	100
50) 2,6-Dinitrotoluene	9.90	165	38090	8.02	ng	# 17
56) 2,4-Dinitrotoluene	9.90	165	38521	6.00	ng	# 16
70) Phenanthrene	11.41	178	54234	2.17	ng	95
74) Fluoranthene	12.59	202	66775	2.61	ng	99
77) Pyrene	12.82	202	61144	2.59	ng	96
87) Benzo(b)fluoranthene	15.05	252	43610	2.01	ng	# 87
88) Benzo(k)fluoranthene	15.05	252	43610	2.64	ng	# 87

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110615\
Data File : BF082734.D
Acq On : 5 Nov 2015 17:33
Operator : UM/IZ
Sample : G4284-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AVE-E-RA15.1-1

Quant Time: Nov 06 01:15:44 2015
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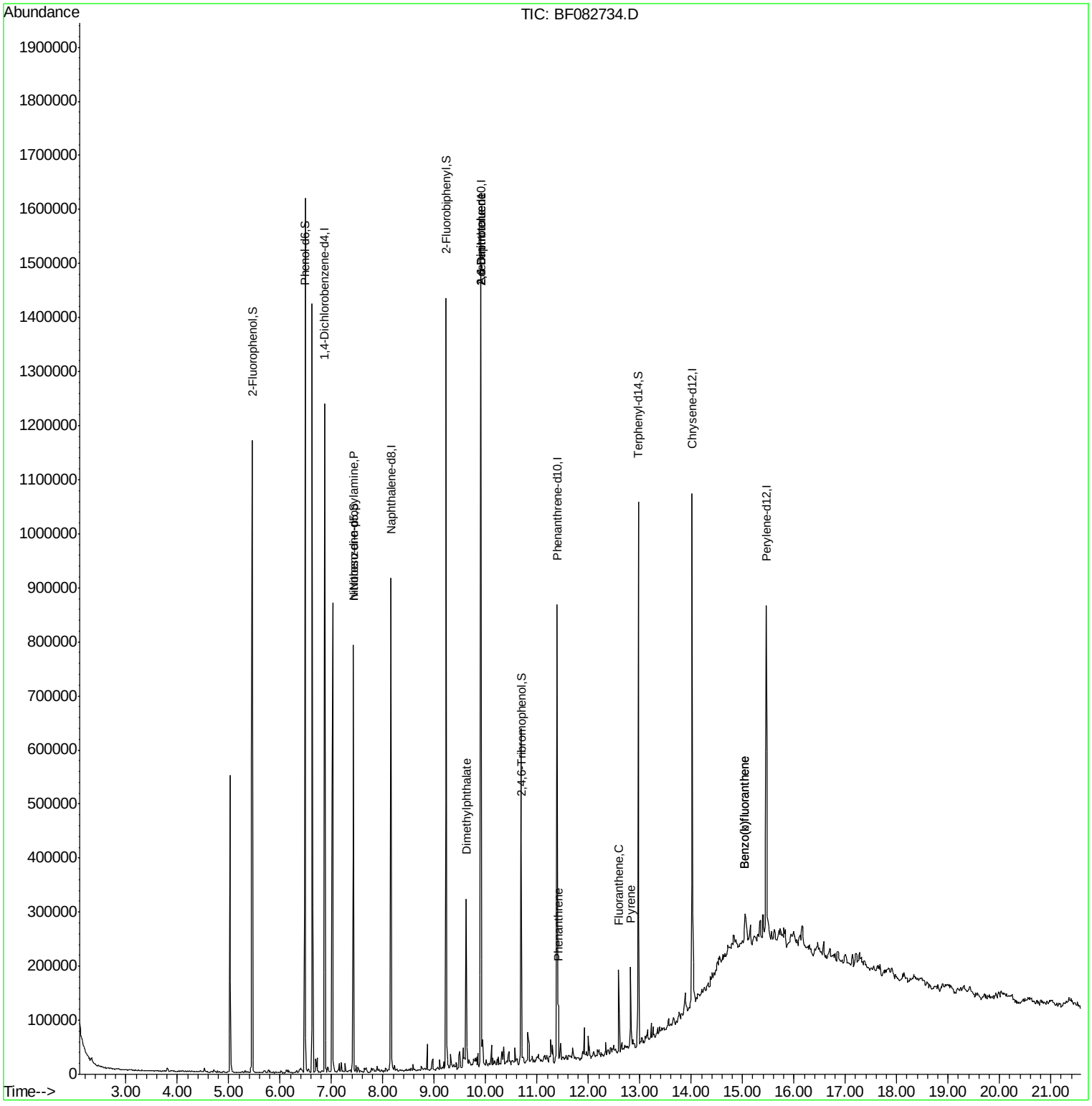
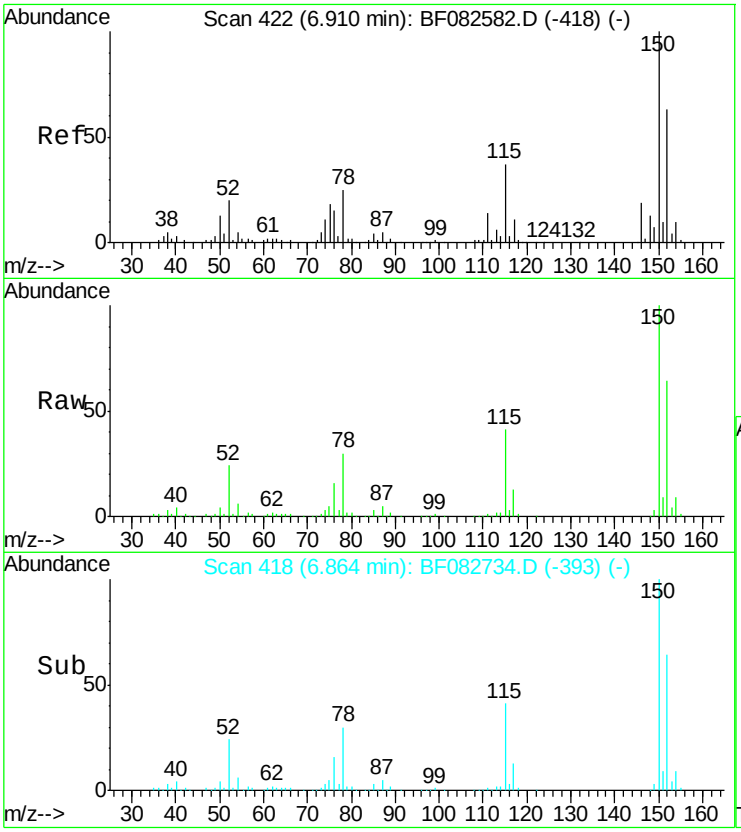


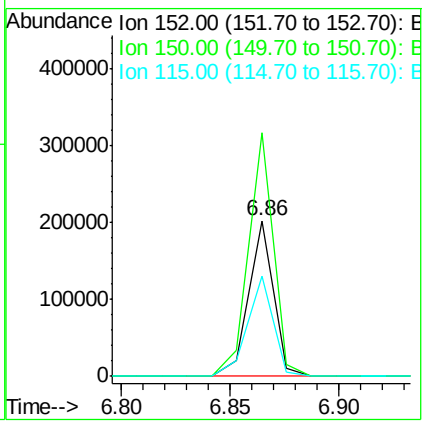


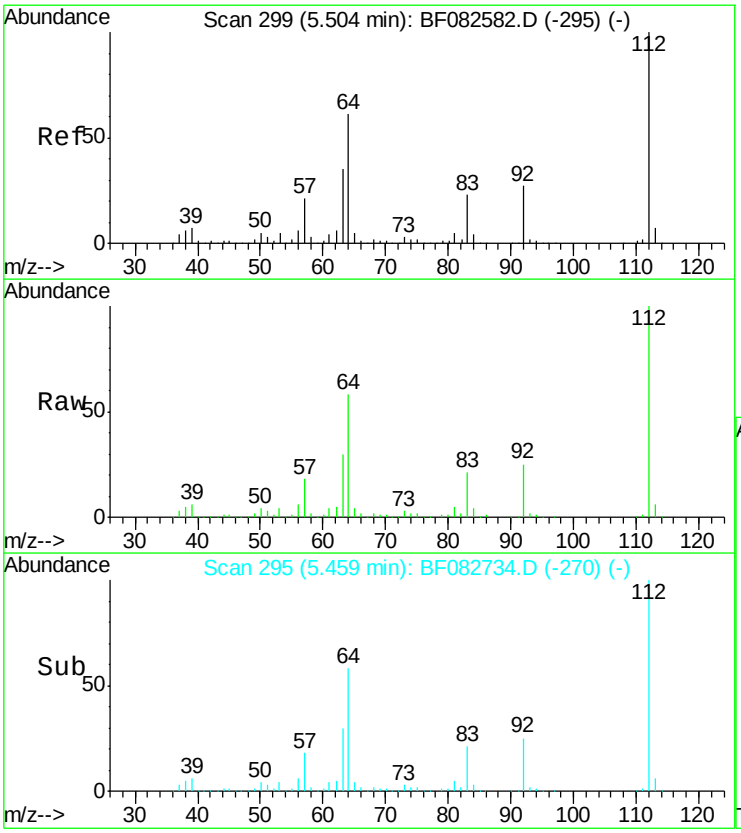
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF082734.D
Acq: 5 Nov 2015 17:33

Instrument :
BNA_F
ClientSampleId :
AVE-E-RA15.1-1

Tgt Ion:152 Resp: 160235

Ion	Ratio	Lower	Upper
152	100		
150	156.5	127.0	190.4
115	64.8	47.0	70.6

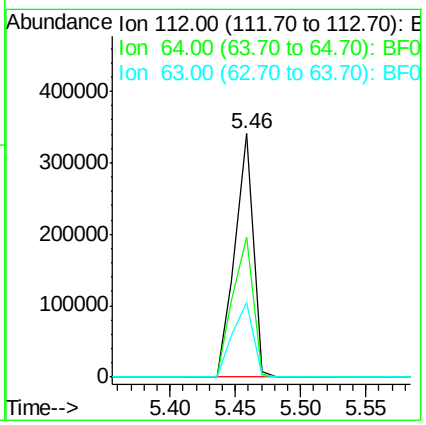


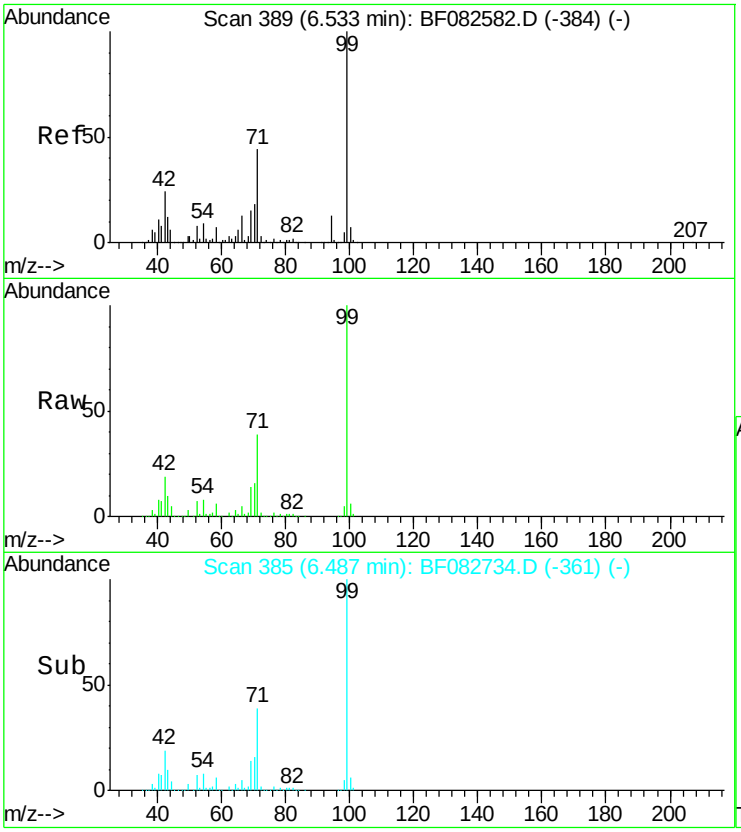


#5
2-Fluorophenol
Concen: 31.30 ng
RT: 5.46 min Scan# 295
Delta R.T. -0.01 min
Lab File: BF082734.D
Acq: 5 Nov 2015 17:33

Tgt Ion:112 Resp: 333006

Ion	Ratio	Lower	Upper
112	100		
64	57.6	48.9	73.3
63	30.4	28.1	42.1



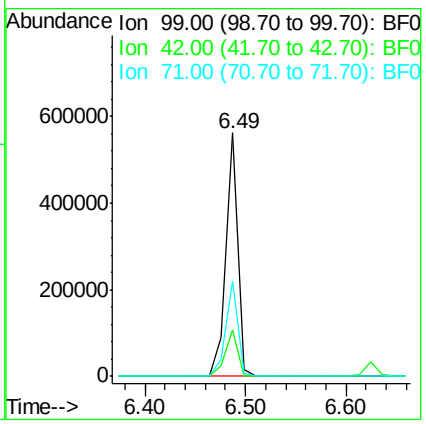


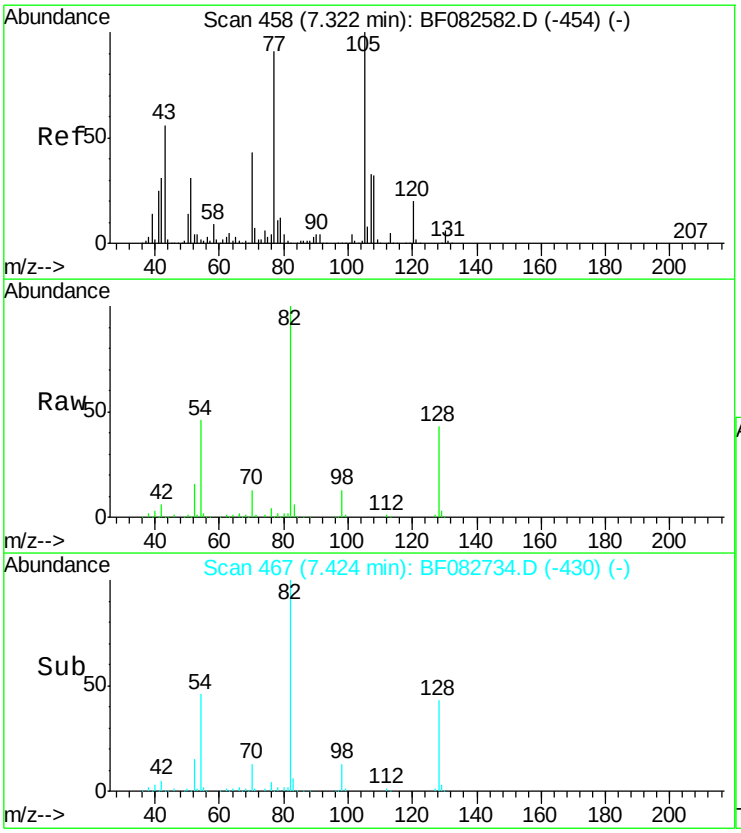
#7
Phenol-d6
Concen: 32.52 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.02 min
Lab File: BF082734.D
Acq: 5 Nov 2015 17:33

Instrument :
BNA_F
ClientSampleId :
AVE-E-RA15.1-1

Tgt Ion: 99 Resp: 459576

Ion	Ratio	Lower	Upper
99	100		
42	19.3	19.2	28.8
71	39.2	35.0	52.4

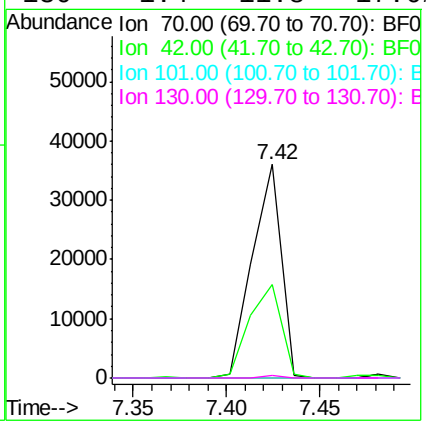


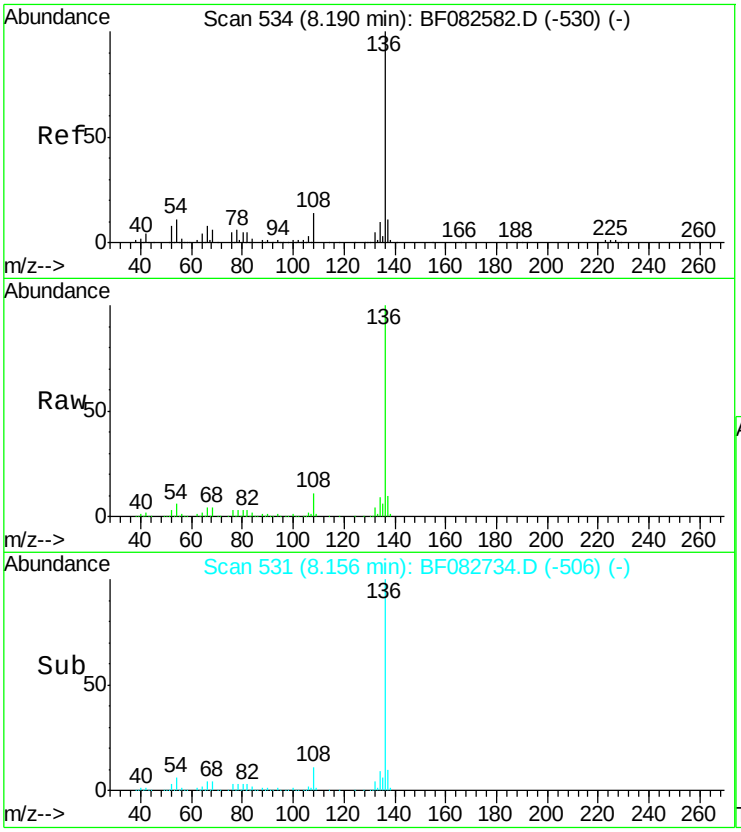


#19
n-Nitroso-di-n-propylamine
Concen: 3.61 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.13 min
Lab File: BF082734.D
Acq: 5 Nov 2015 17:33

Tgt Ion: 70 Resp: 38711

Ion	Ratio	Lower	Upper
70	100		
42	43.6	57.7	86.5#
101	0.0	7.0	10.6#
130	1.4	11.8	17.6#



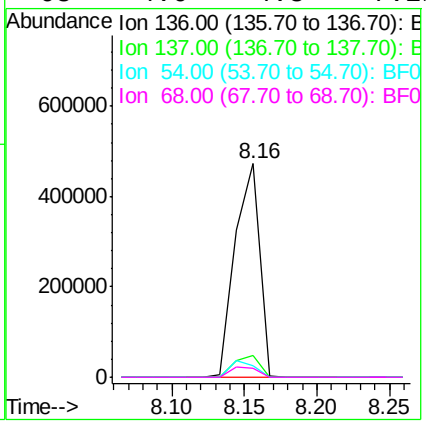


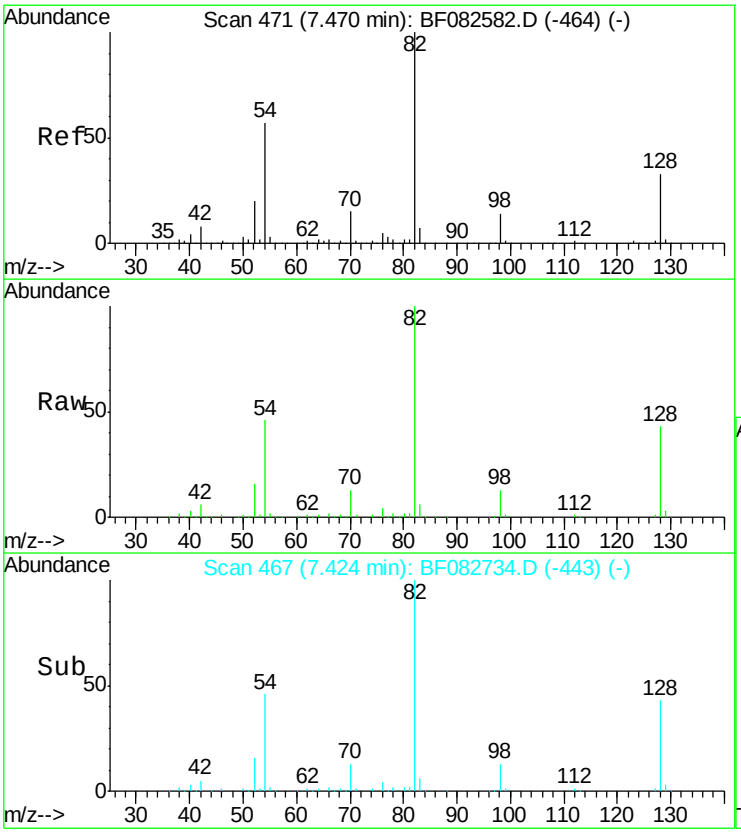
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF082734.D
Acq: 5 Nov 2015 17:33

Instrument :
BNA_F
ClientSampleId :
AVE-E-RA15.1-1

Tgt Ion:136 Resp: 557019

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	5.6	9.1	13.7#
68	4.0	4.8	7.2#

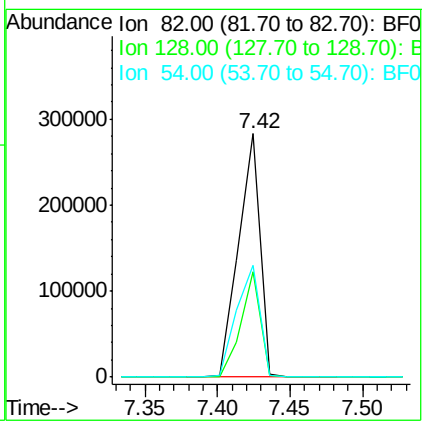


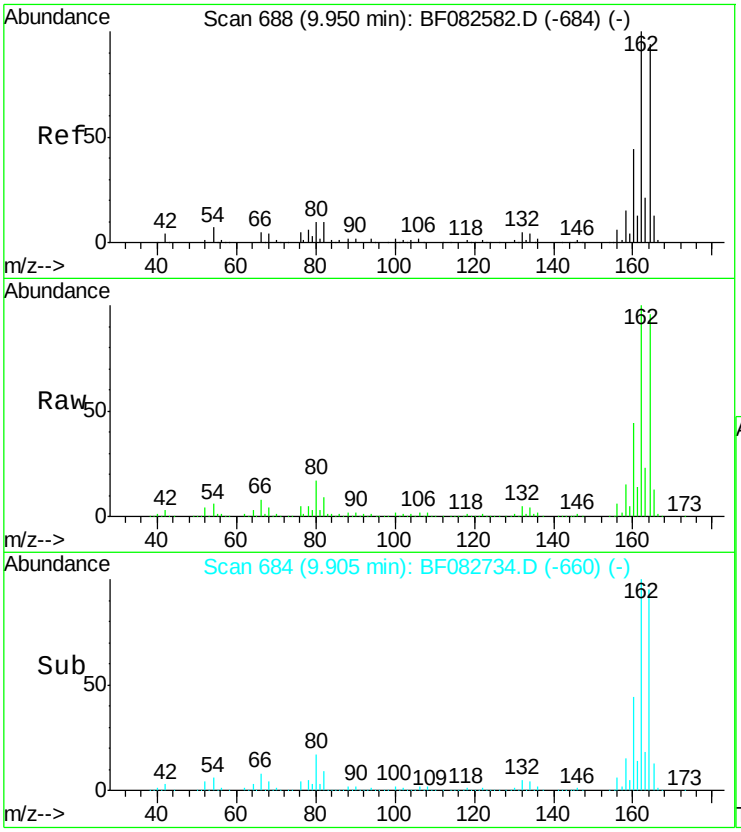


#23
Nitrobenzene-d5
Concen: 21.39 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF082734.D
Acq: 5 Nov 2015 17:33

Tgt Ion: 82 Resp: 291767

Ion	Ratio	Lower	Upper
82	100		
128	43.3	26.8	40.2#
54	45.9	45.7	68.5



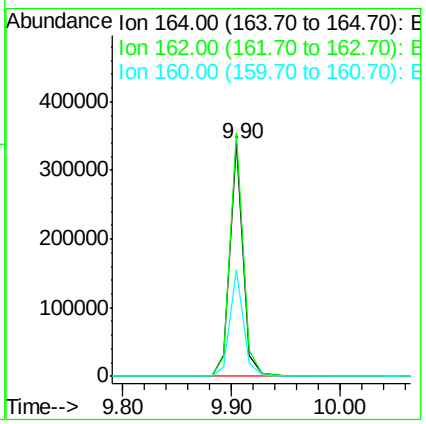


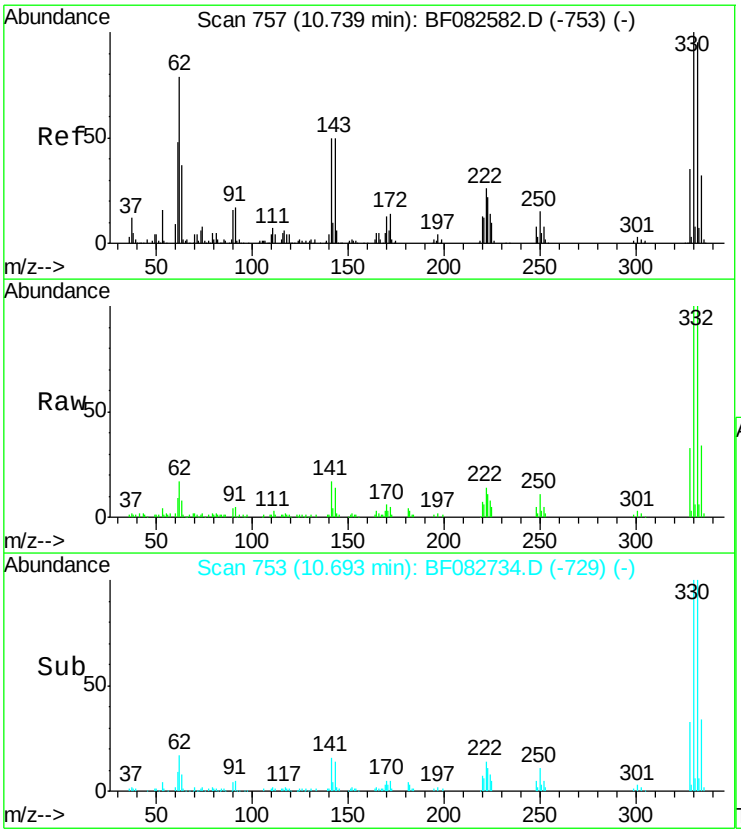
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF082734.D
Acq: 5 Nov 2015 17:33

Instrument :
BNA_F
ClientSampleId :
AVE-E-RA15.1-1

Tgt Ion:164 Resp: 280607

Ion	Ratio	Lower	Upper
164	100		
162	104.4	84.9	127.3
160	45.6	37.5	56.3

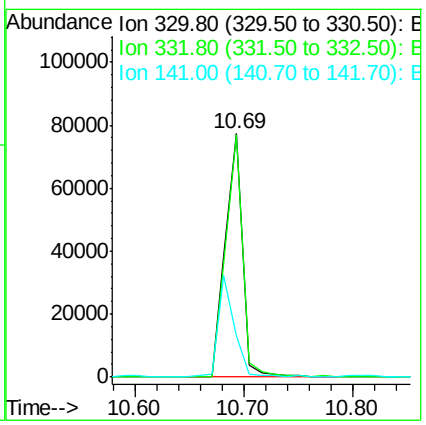


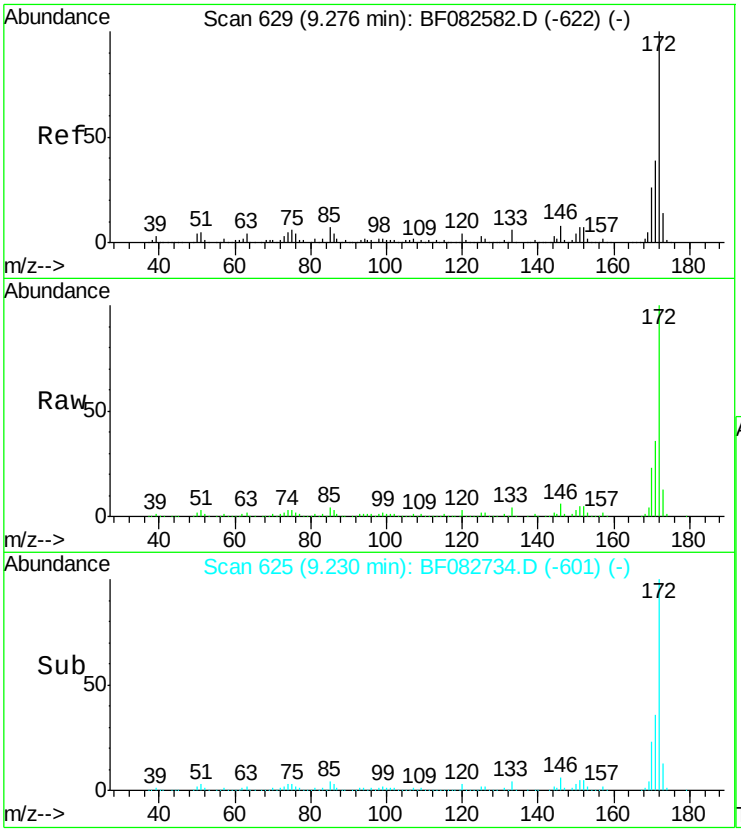


#41
2,4,6-Tribromophenol
Concen: 27.48 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF082734.D
Acq: 5 Nov 2015 17:33

Tgt Ion:330 Resp: 84390

Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.6	114.8
141	39.7	41.2	61.8#



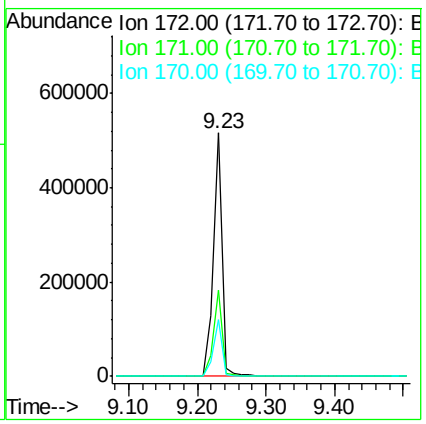


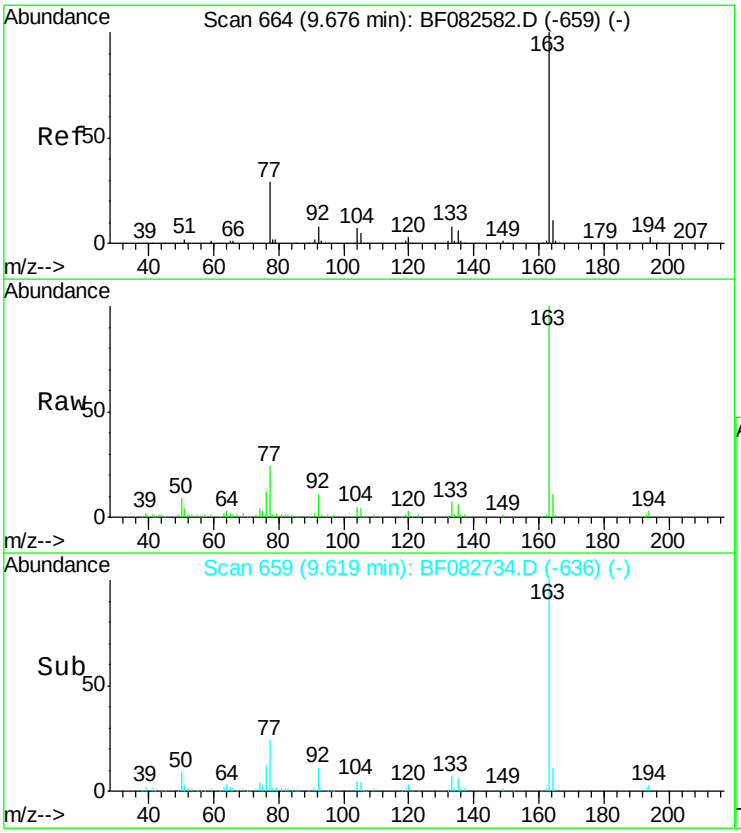
#44
2-Fluorobiphenyl
Concen: 23.75 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF082734.D
Acq: 5 Nov 2015 17:33

Instrument :
BNA_F
ClientSampleId :
AVE-E-RA15.1-1

Tgt Ion:172 Resp: 469422

Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.8	46.2
170	23.5	21.2	31.8

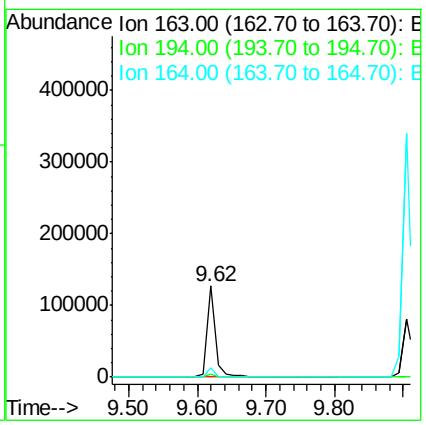


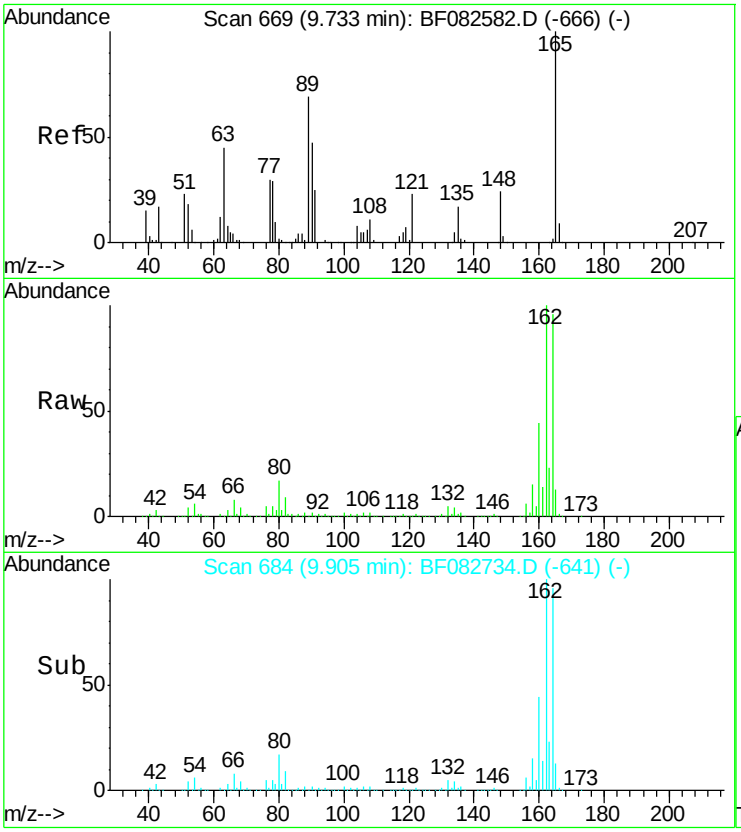


#49
Dimethylphthalate
Concen: 4.82 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF082734.D
Acq: 5 Nov 2015 17:33

Tgt Ion:163 Resp: 110466

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.8	8.7	13.1



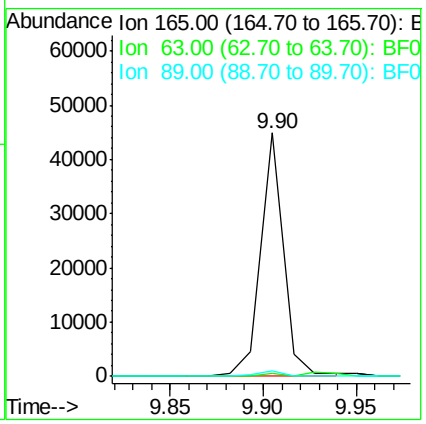


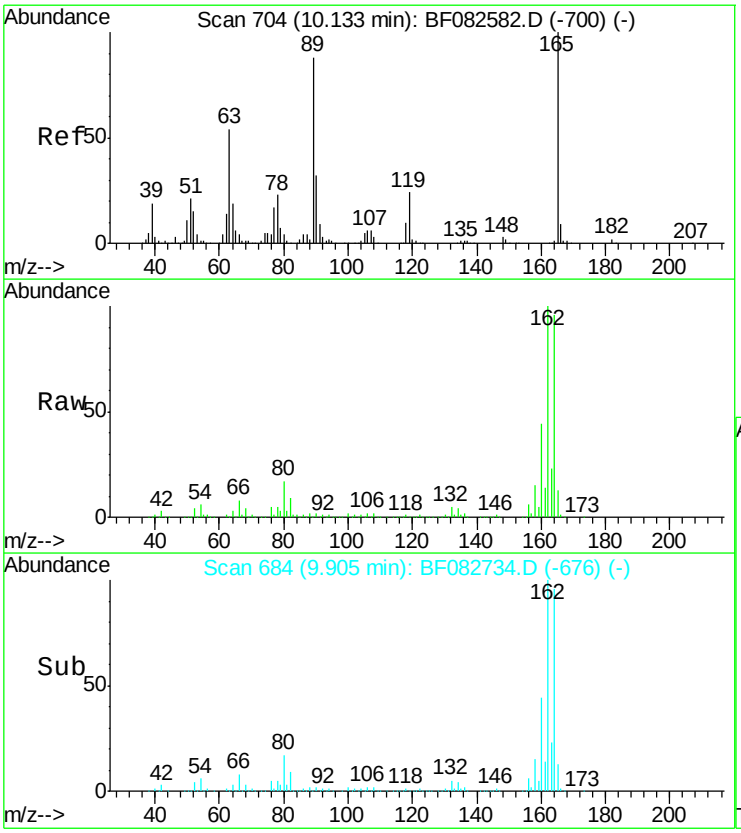
#50
2,6-Dinitrotoluene
Concen: 8.02 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.19 min
Lab File: BF082734.D
Acq: 5 Nov 2015 17:33

Instrument :
BNA_F
ClientSampleId :
AVE-E-RA15.1-1

Tgt Ion:165 Resp: 38090

Ion	Ratio	Lower	Upper
165	100		
63	1.4	55.5	83.3#
89	2.2	55.0	82.6#

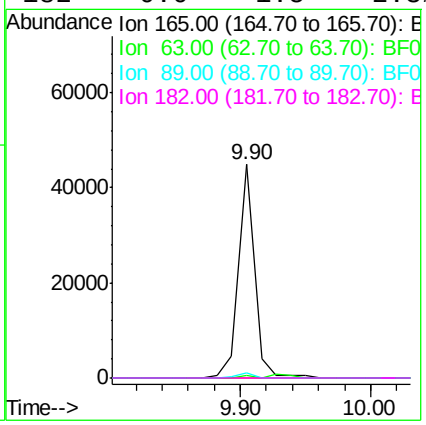


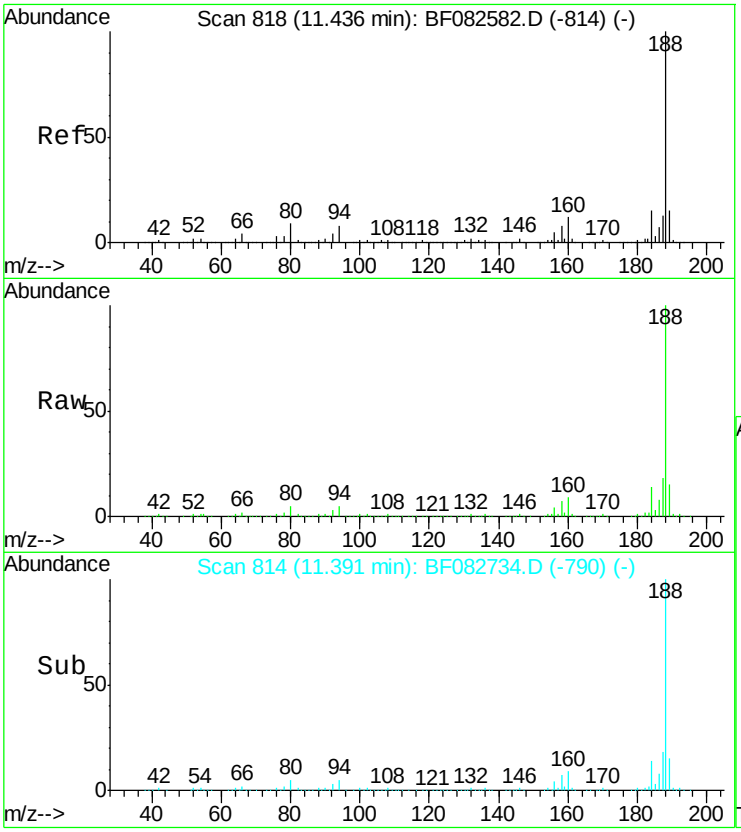


#56
2,4-Dinitrotoluene
Concen: 6.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.21 min
Lab File: BF082734.D
Acq: 5 Nov 2015 17:33

Tgt Ion:165 Resp: 38521

Ion	Ratio	Lower	Upper
165	100		
63	1.4	43.4	65.0#
89	2.2	70.6	106.0#
182	0.0	1.5	2.3#



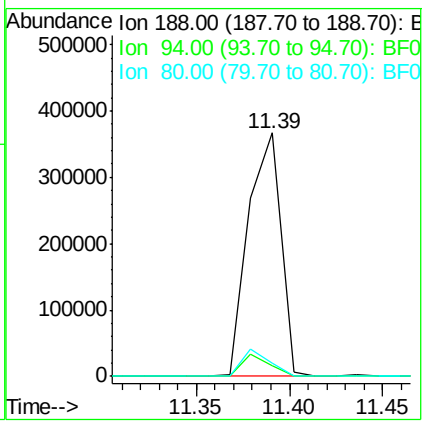


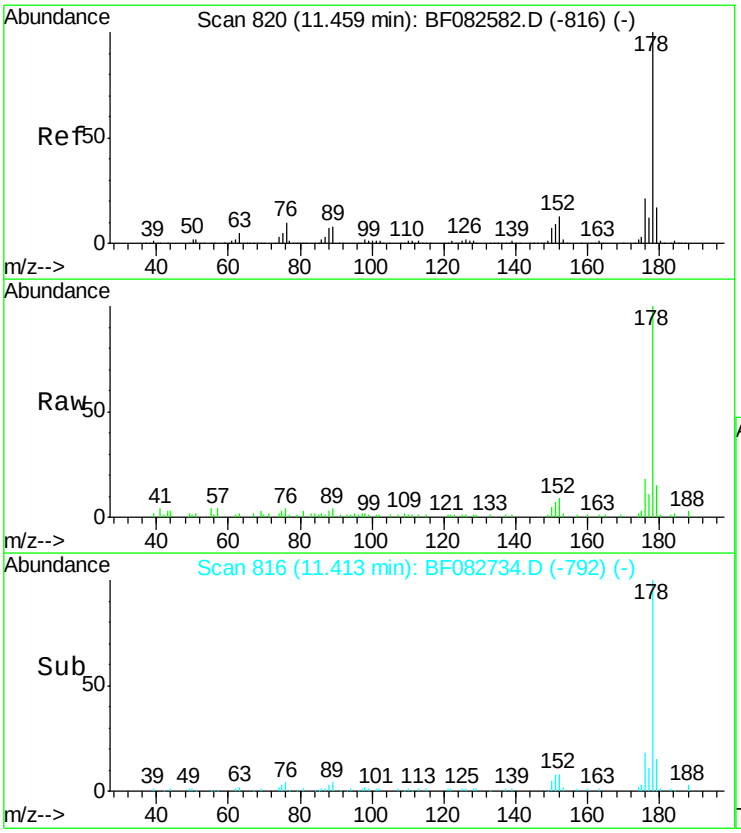
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF082734.D
Acq: 5 Nov 2015 17:33

Instrument :
BNA_F
ClientSampleId :
AVE-E-RA15.1-1

Tgt Ion:188 Resp: 443700

Ion	Ratio	Lower	Upper
188	100		
94	4.6	6.1	9.1#
80	5.3	7.0	10.6#

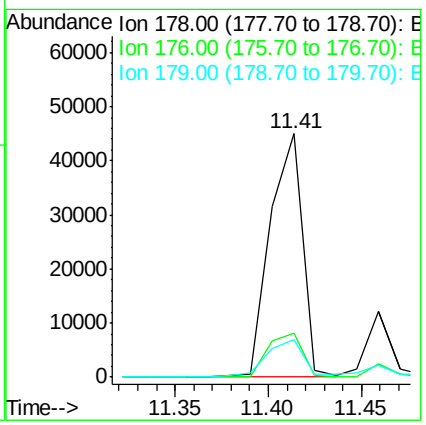


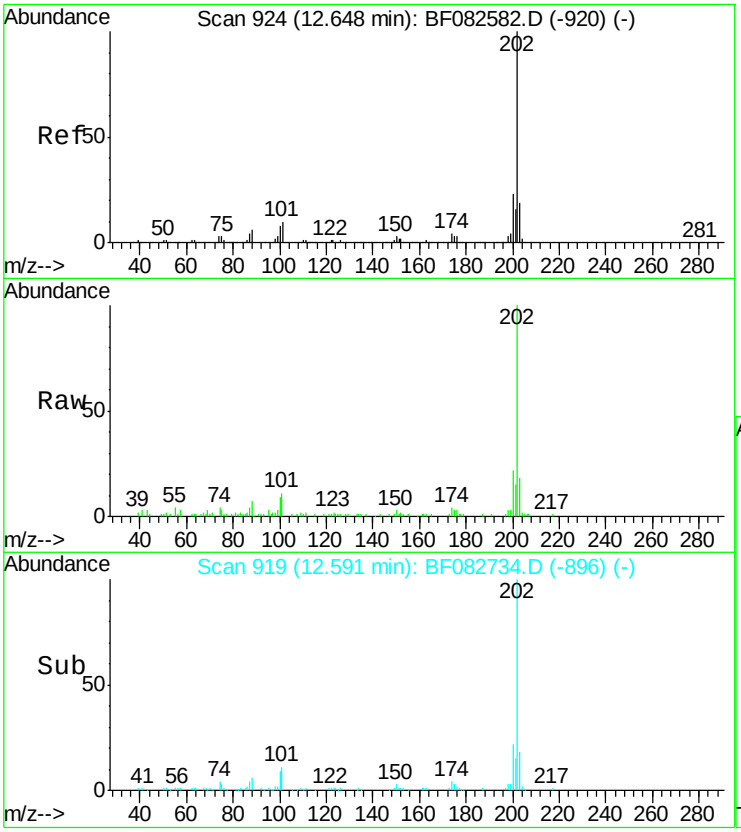


#70
Phenanthrene
Concen: 2.17 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF082734.D
Acq: 5 Nov 2015 17:33

Tgt Ion:178 Resp: 54234

Ion	Ratio	Lower	Upper
178	100		
176	18.3	17.0	25.4
179	15.2	13.4	20.0



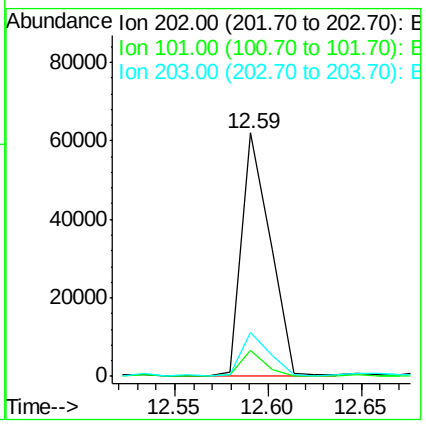


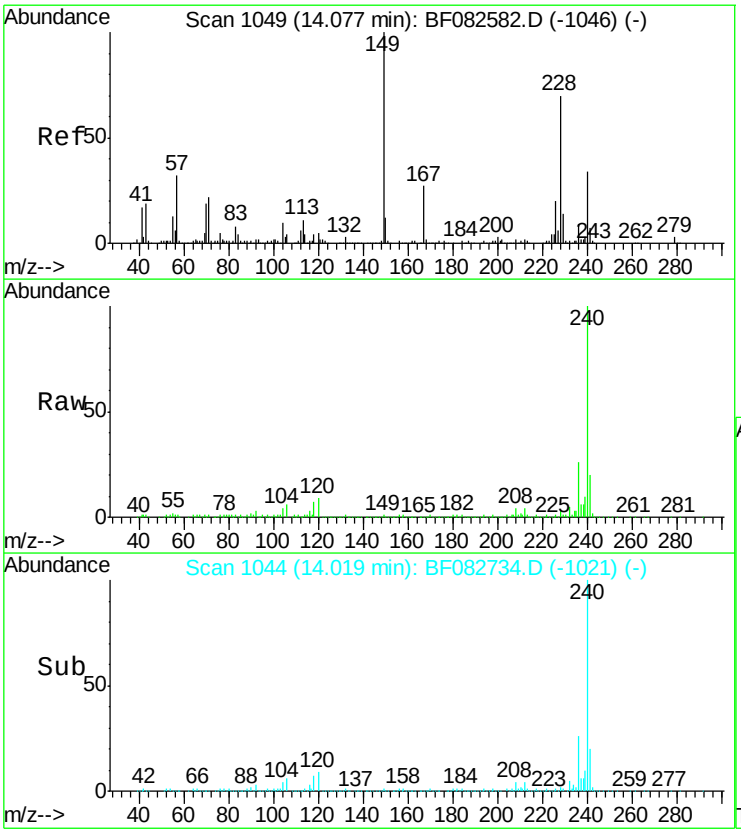
#74
Fluoranthene
Concen: 2.61 ng
RT: 12.59 min Scan# 919
Delta R.T. -0.03 min
Lab File: BF082734.D
Acq: 5 Nov 2015 17:33

Instrument :
BNA_F
ClientSampleId :
AVE-E-RA15.1-1

Tgt Ion:202 Resp: 66775

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.5
203	18.0	0.0	38.5

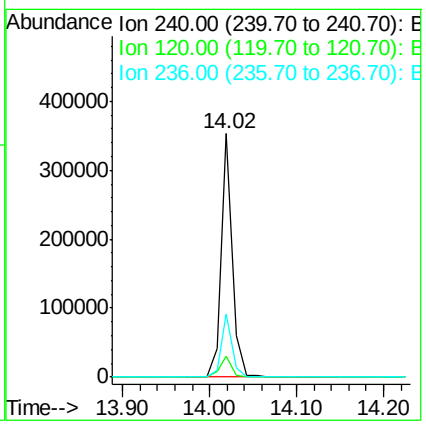


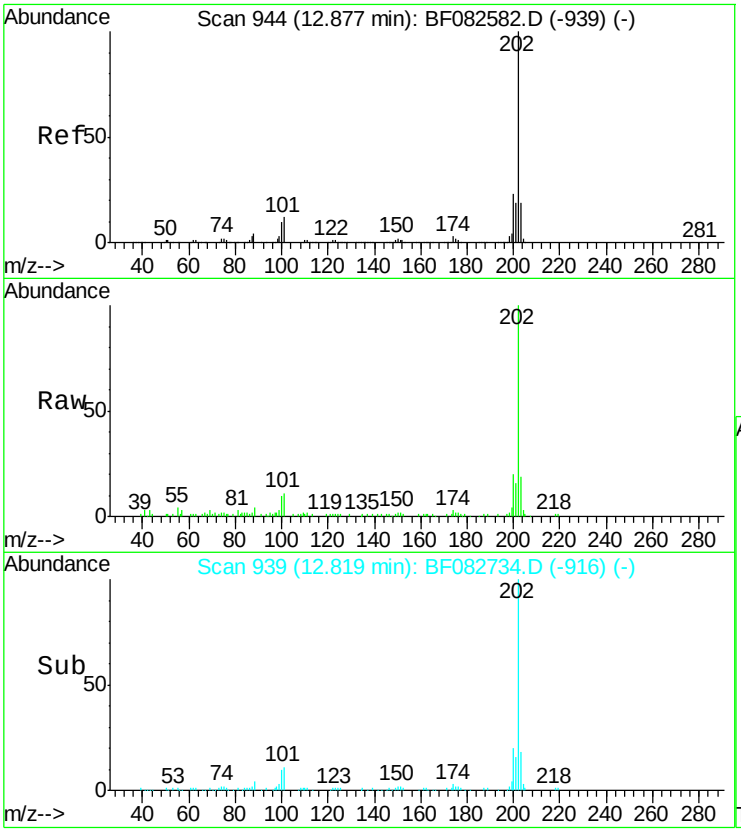


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF082734.D
Acq: 5 Nov 2015 17:33

Tgt Ion:240 Resp: 318398

Ion	Ratio	Lower	Upper
240	100		
120	8.8	10.9	16.3#
236	26.0	21.6	32.4



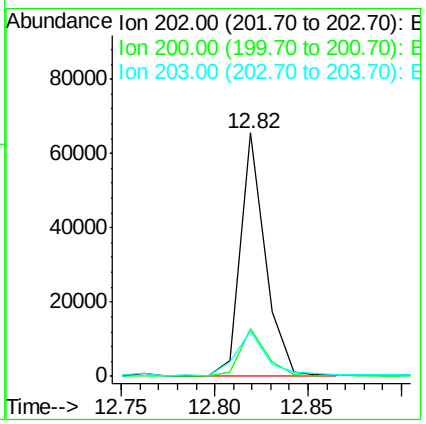


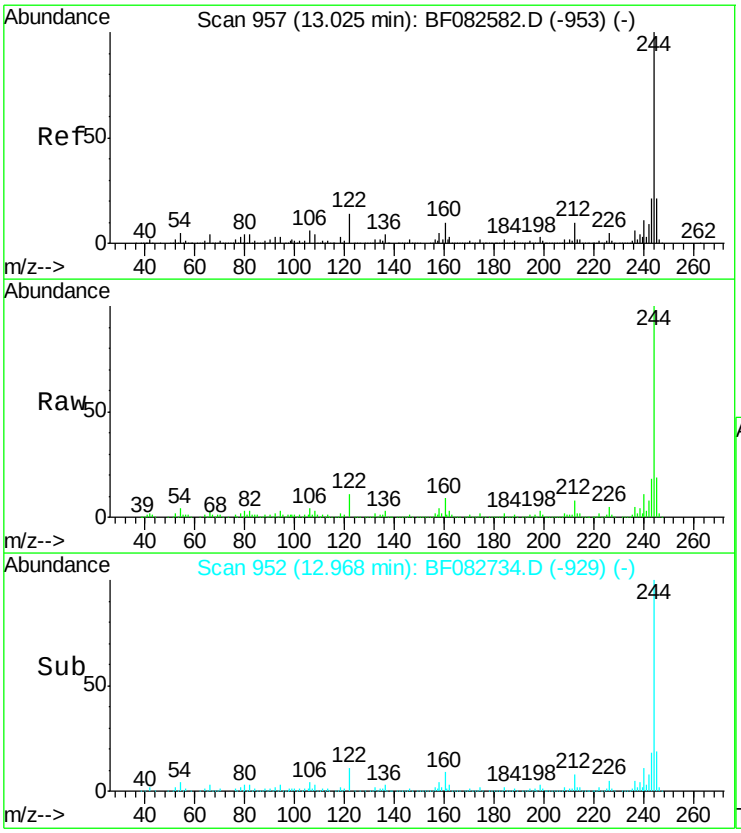
#77
Pyrene
Concen: 2.59 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.03 min
Lab File: BF082734.D
Acq: 5 Nov 2015 17:33

Instrument :
BNA_F
ClientSampleId :
AVE-E-RA15.1-1

Tgt Ion:202 Resp: 61144

Ion	Ratio	Lower	Upper
202	100		
200	19.8	18.7	28.1
203	18.6	14.8	22.2

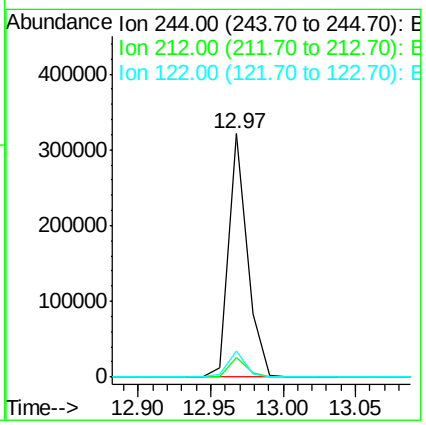


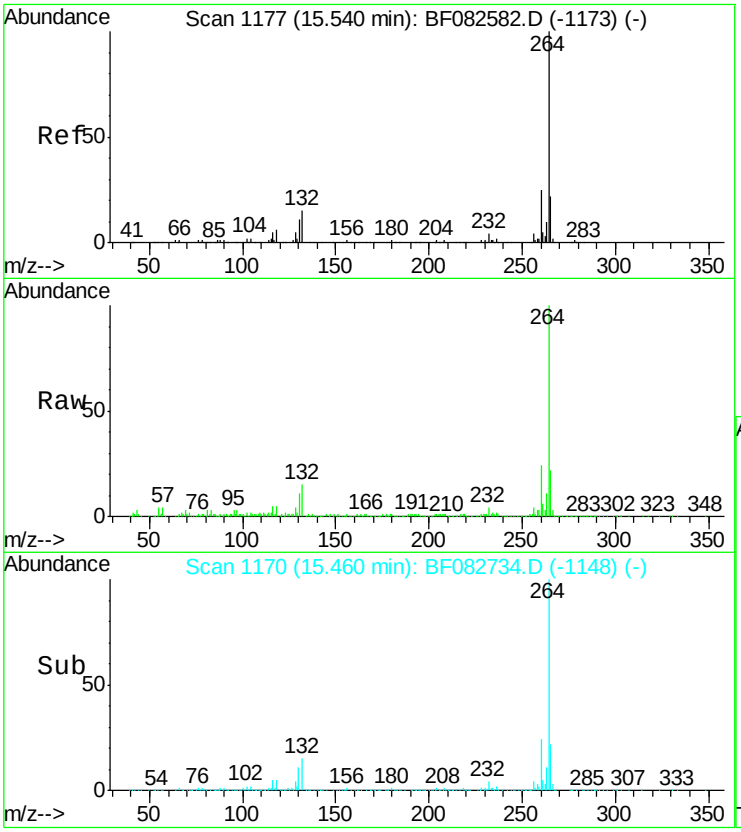


#78
Terphenyl-d14
Concen: 19.81 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.03 min
Lab File: BF082734.D
Acq: 5 Nov 2015 17:33

Tgt Ion:244 Resp: 288233

Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.6	11.4
122	10.8	11.3	16.9#



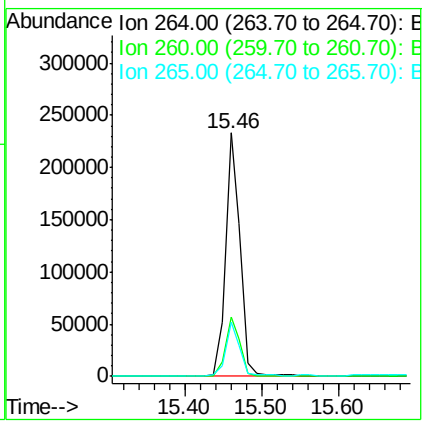


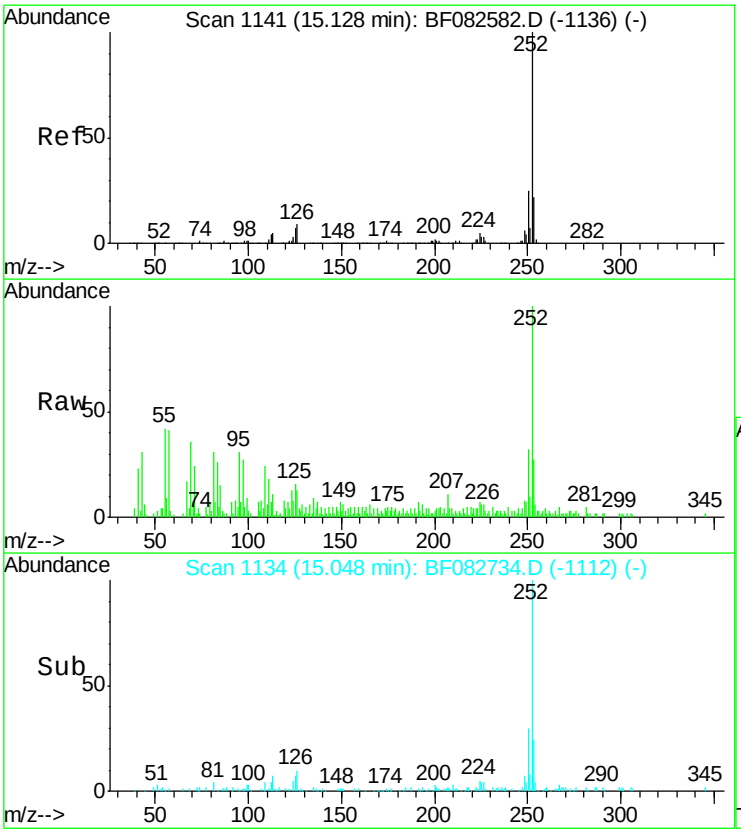
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.05 min
Lab File: BF082734.D
Acq: 5 Nov 2015 17:33

Instrument :
BNA_F
ClientSampleId :
AVE-E-RA15.1-1

Tgt Ion:264 Resp: 314507

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.6
265	22.5	17.4	26.0

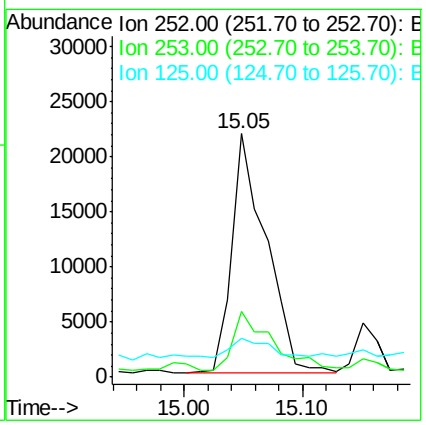


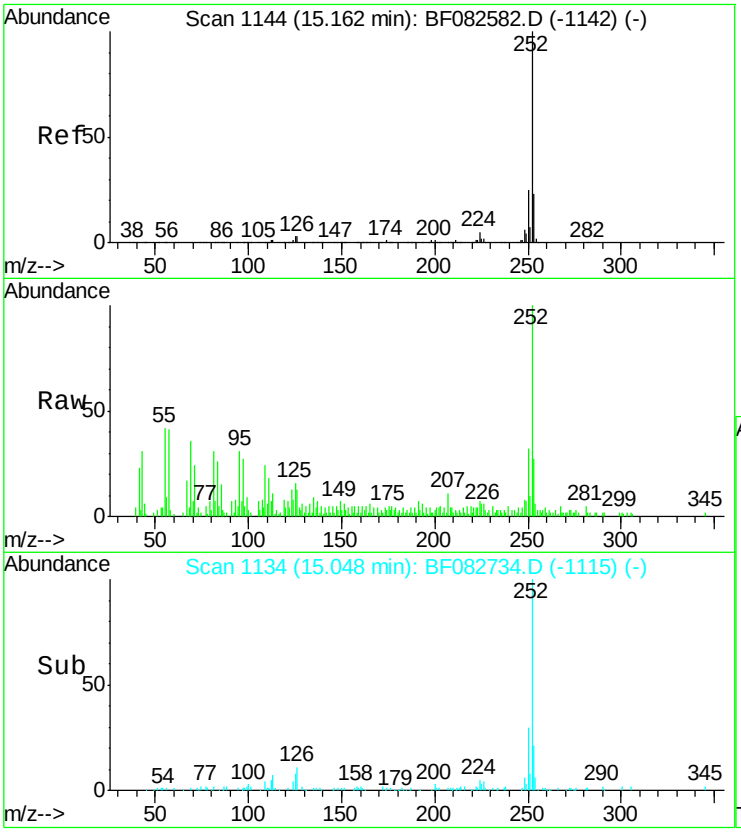


#87
Benzo(b)fluoranthene
Concen: 2.01 ng
RT: 15.05 min Scan# 1134
Delta R.T. -0.05 min
Lab File: BF082734.D
Acq: 5 Nov 2015 17:33

Tgt Ion:252 Resp: 43610

Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.8	26.8#
125	15.8	5.4	8.2#





#88
Benzo(k)fluoranthene
Concen: 2.64 ng
RT: 15.05 min Scan# 1134
Delta R.T. -0.08 min
Lab File: BF082734.D
Acq: 5 Nov 2015 17:33

Instrument :
BNA_F
ClientSampleId :
AVE-E-RA15.1-1

Tgt Ion:252 Resp: 43610

Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.9	26.9
125	15.8	3.5	5.3#