Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110615\
Data File : BF082735.D
Acq On : 5 Nov 2015 18:03
Operator : UM/IZ
Sample : G4284-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AVE-E-RA15.1-2

Quant Time: Nov 06 01:16:09 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	152429	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	529585	20.00	ng		-0.01
38) Acenaphthene-d10	9.90	164	275949	20.00	ng		-0.02
63) Phenanthrene-d10	11.39	188	445772	20.00	ng		-0.02
75) Chrysene-d12	14.02	240	346179	20.00	ng		-0.03
86) Perylene-d12	15.46	264	322694	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	285275	28.19	ng		-0.01
7) Phenol-d6	6.49	99	419592	31.21	ng		-0.02
23) Nitrobenzene-d5	7.42	82	261907	20.20	ng		-0.02
41) 2,4,6-Tribromophenol	10.69	330	78056	25.85	ng		-0.02
44) 2-Fluorobiphenyl	9.23	172	424977	21.87	ng		-0.02
78) Terphenyl-d14	12.97	244	283483	17.92	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	33928	3.33	ng	#	66
49) Dimethylphthalate	9.62	163	96654	4.29	ng		97
56) 2,4-Dinitrotoluene	9.90	165	35896	5.68	ng	#	16
70) Phenanthrene	11.41	178	51455	2.05	ng		96
74) Fluoranthene	12.59	202	73721	2.87	ng		97
77) Pyrene	12.82	202	67262	2.62	ng		97
80) Benzo(a)anthracene	14.01	228	44985	2.05	ng		93
82) Chrysene	14.01	228	44985	2.26	ng		96
87) Benzo(b)fluoranthene	15.05	252	63019	2.83	ng	#	86
88) Benzo(k)fluoranthene	15.05	252	63019	3.72	ng	#	86

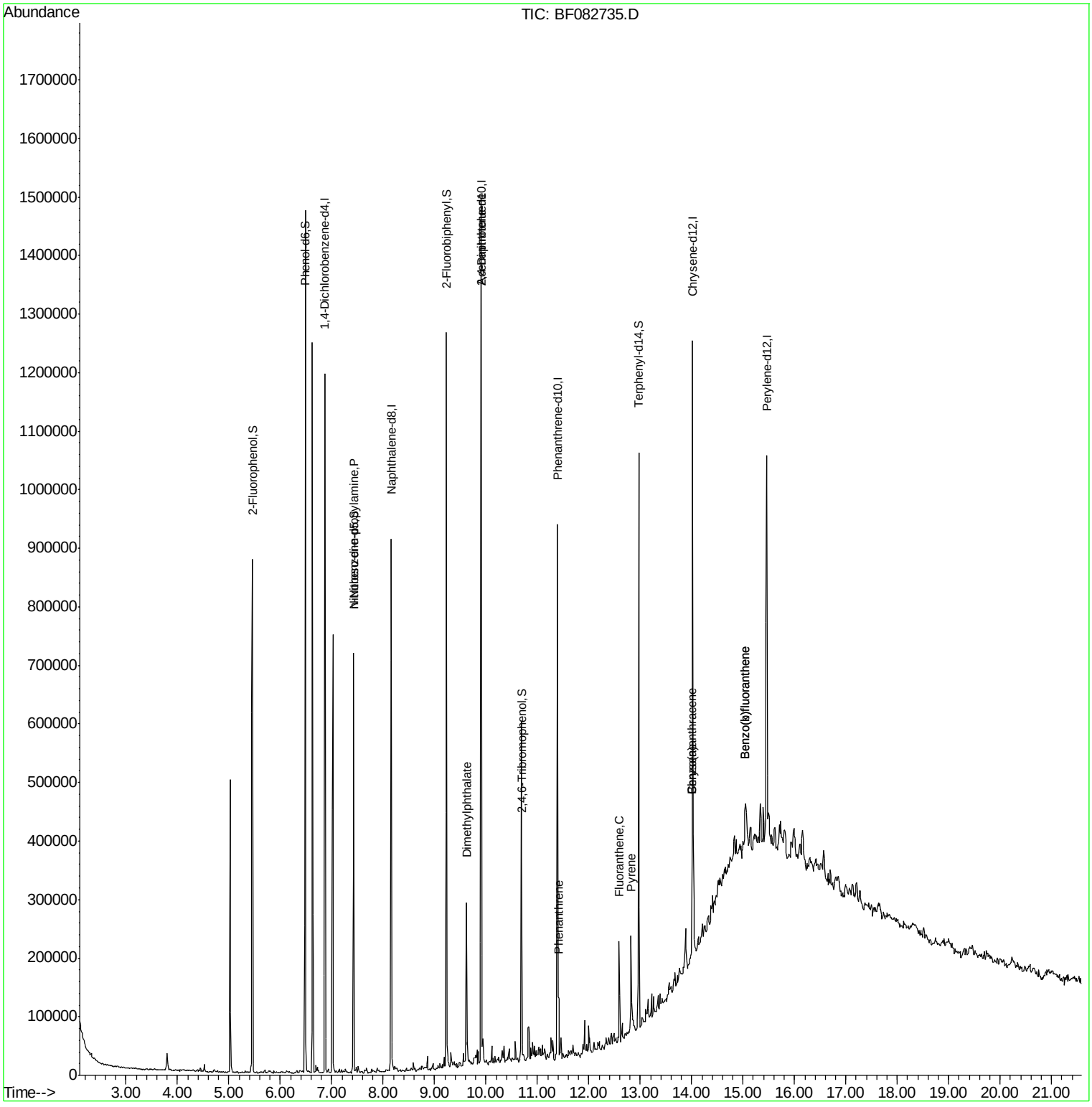
(#) = qualifier out of range (m) = manual integration (+) = signals summed

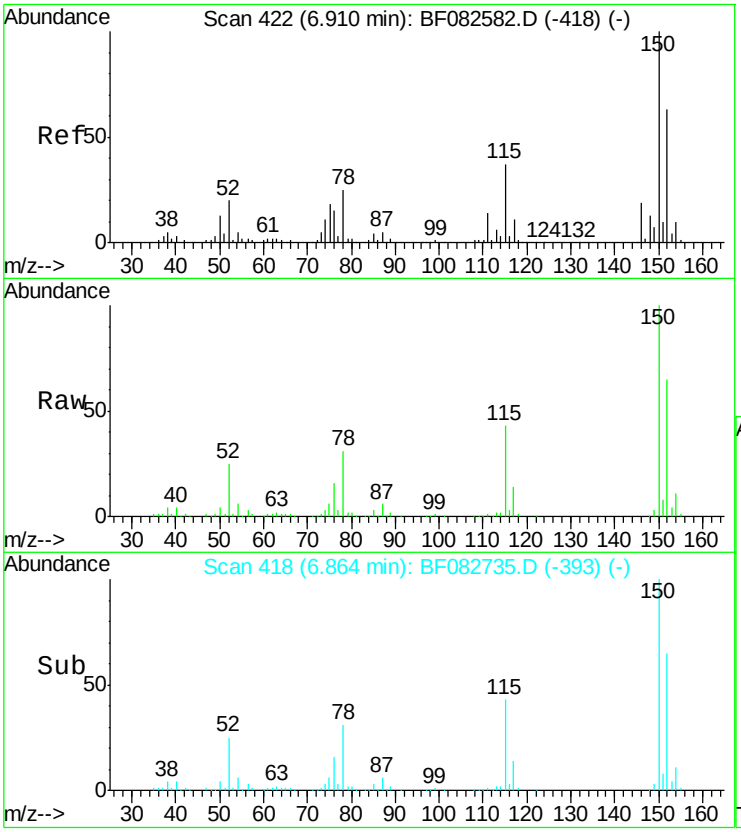
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110615\
Data File : BF082735.D
Acq On : 5 Nov 2015 18:03
Operator : UM/IZ
Sample : G4284-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AVE-E-RA15.1-2

Quant Time: Nov 06 01:16:09 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



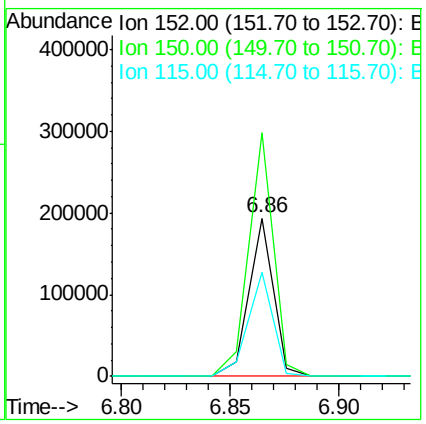


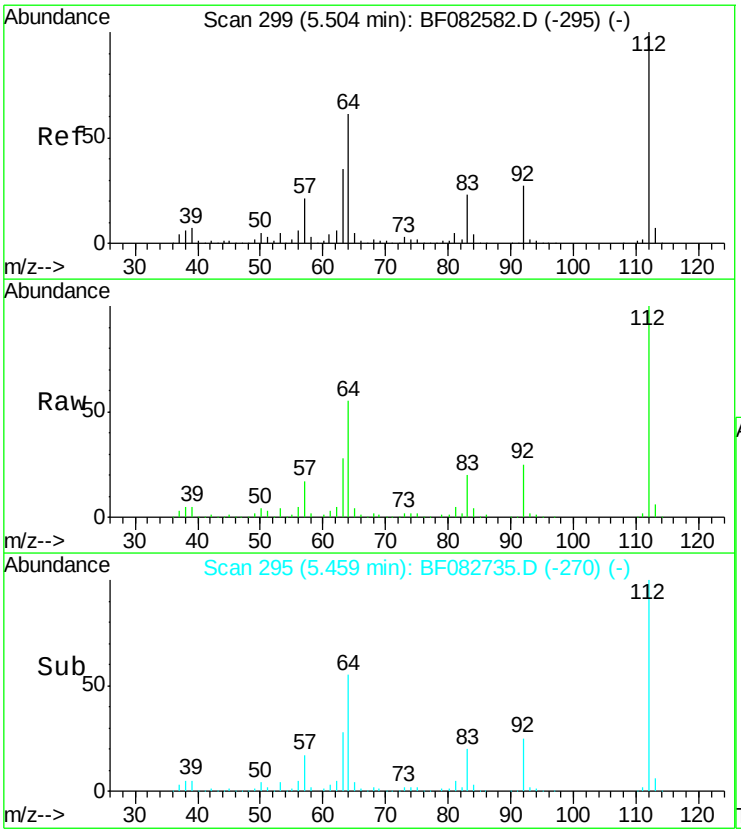
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF082735.D
Acq: 5 Nov 2015 18:03

Instrument :
BNA_F
ClientSampleId :
AVE-E-RA15.1-2

Tgt Ion:152 Resp: 152429

Ion	Ratio	Lower	Upper
152	100		
150	153.7	127.0	190.4
115	66.1	47.0	70.6

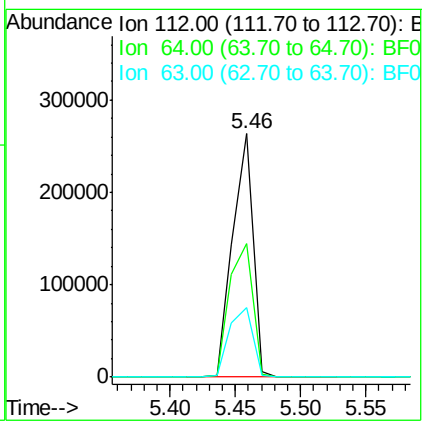


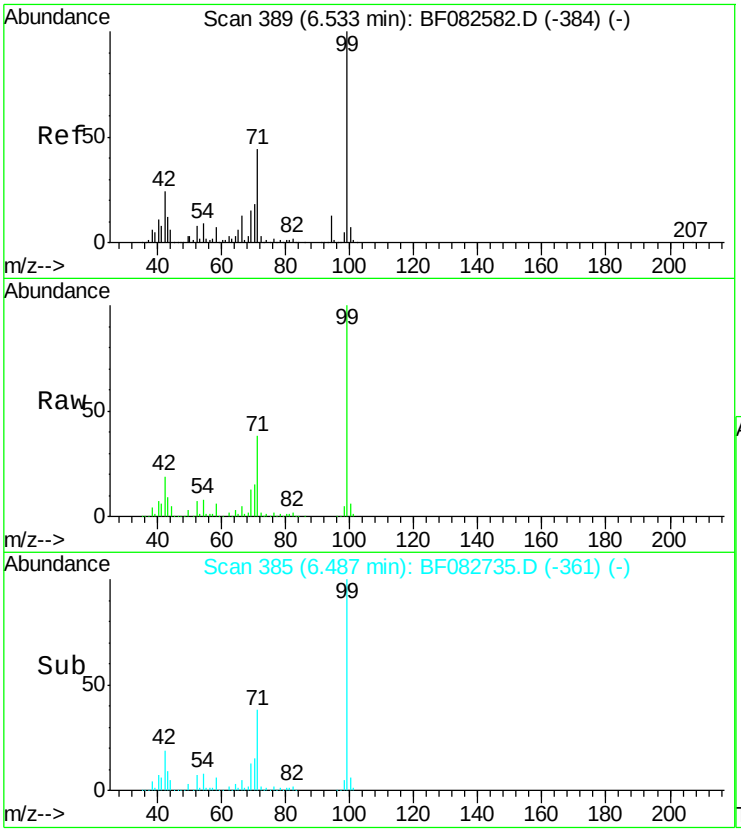


#5
2-Fluorophenol
Concen: 28.19 ng
RT: 5.46 min Scan# 295
Delta R.T. -0.01 min
Lab File: BF082735.D
Acq: 5 Nov 2015 18:03

Tgt Ion:112 Resp: 285275

Ion	Ratio	Lower	Upper
112	100		
64	55.0	48.9	73.3
63	28.4	28.1	42.1



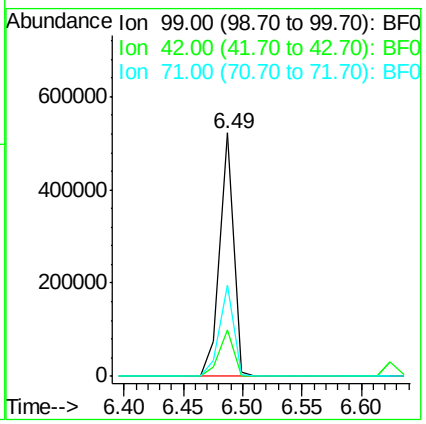


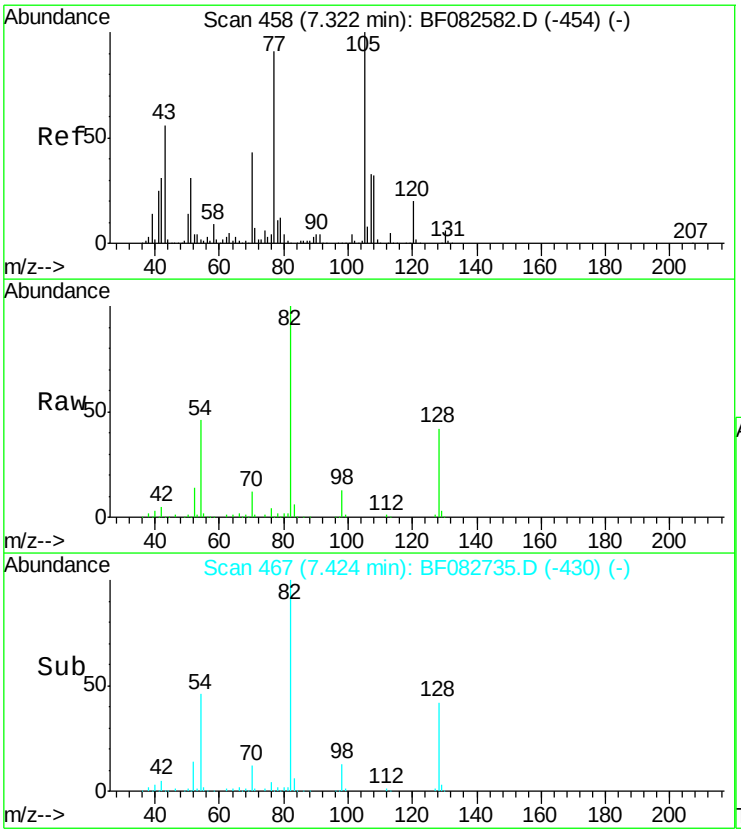
#7
Phenol-d6
Concen: 31.21 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.02 min
Lab File: BF082735.D
Acq: 5 Nov 2015 18:03

Instrument :
BNA_F
ClientSampleId :
AVE-E-RA15.1-2

Tgt Ion: 99 Resp: 419592

Ion	Ratio	Lower	Upper
99	100		
42	19.3	19.2	28.8
71	37.6	35.0	52.4

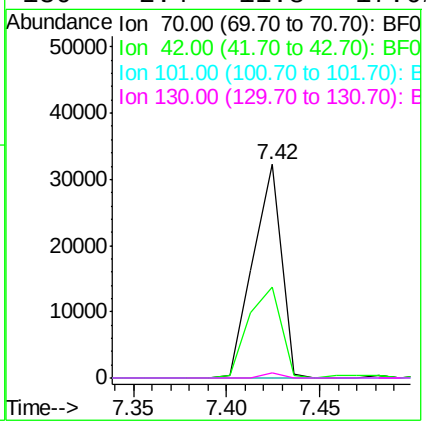


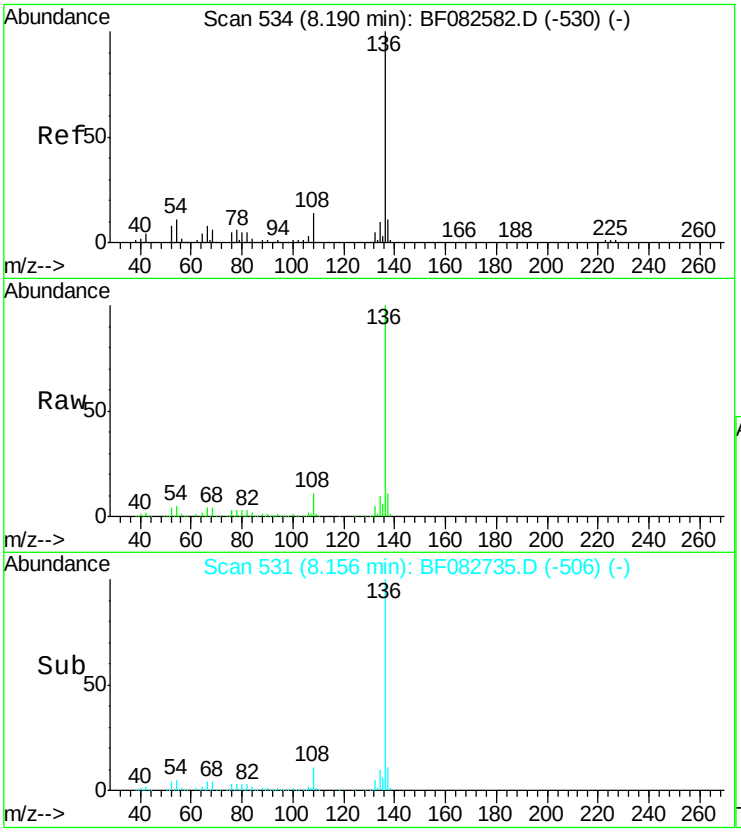


#19
n-Nitroso-di-n-propylamine
Concen: 3.33 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.13 min
Lab File: BF082735.D
Acq: 5 Nov 2015 18:03

Tgt Ion: 70 Resp: 33928

Ion	Ratio	Lower	Upper
70	100		
42	42.6	57.7	86.5#
101	0.0	7.0	10.6#
130	2.4	11.8	17.6#



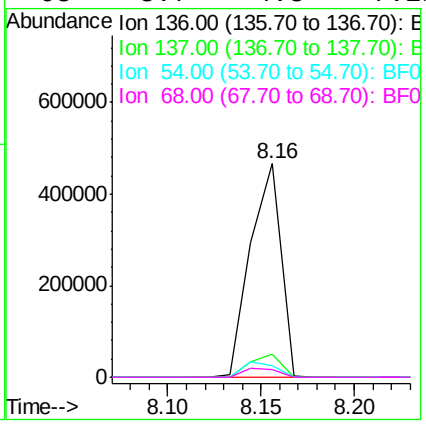


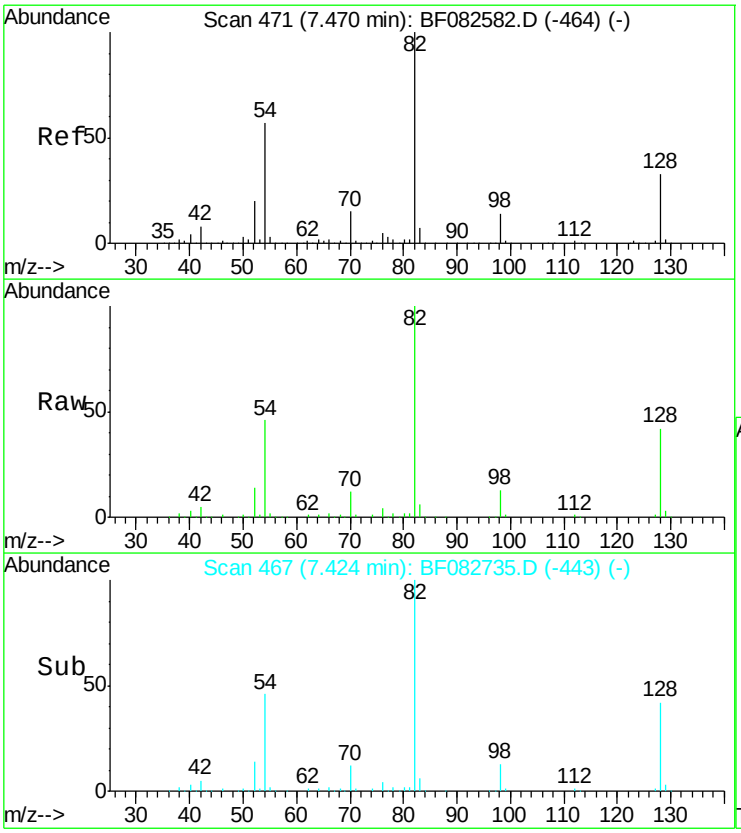
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF082735.D
Acq: 5 Nov 2015 18:03

Instrument :
BNA_F
ClientSampleId :
AVE-E-RA15.1-2

Tgt Ion:136 Resp: 529585

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.2	9.1	13.7#
68	3.7	4.8	7.2#

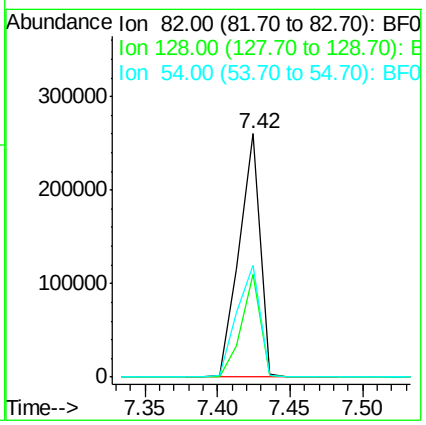


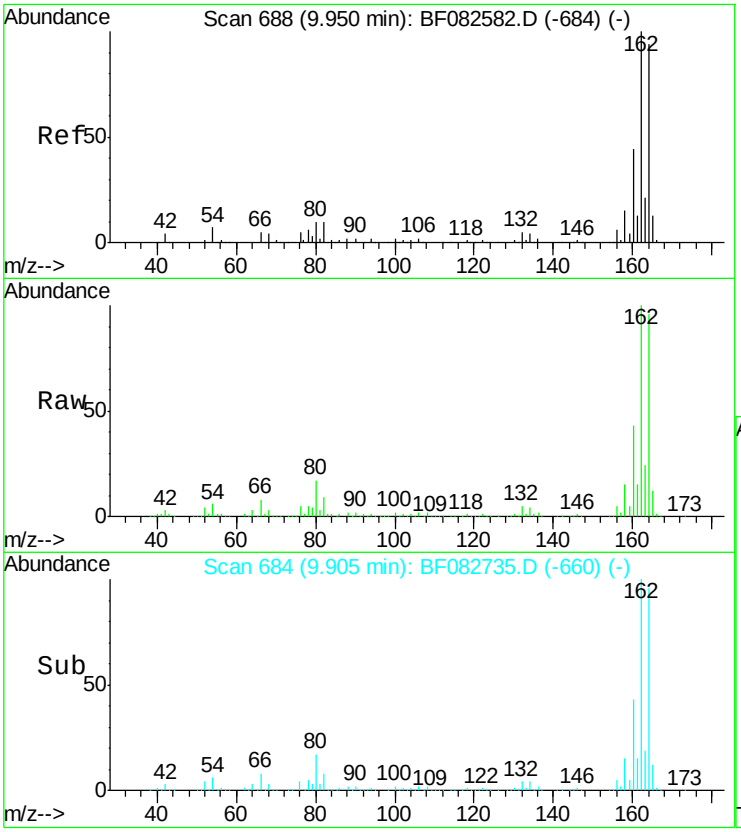


#23
Nitrobenzene-d5
Concen: 20.20 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF082735.D
Acq: 5 Nov 2015 18:03

Tgt Ion: 82 Resp: 261907

Ion	Ratio	Lower	Upper
82	100		
128	42.2	26.8	40.2#
54	45.8	45.7	68.5



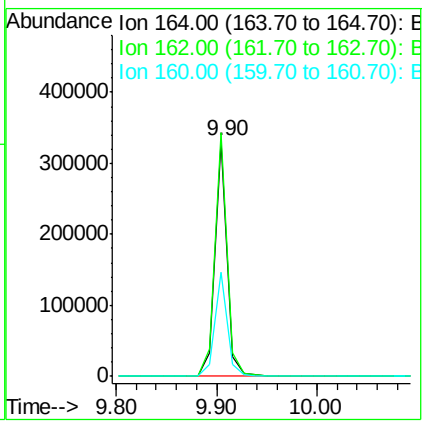


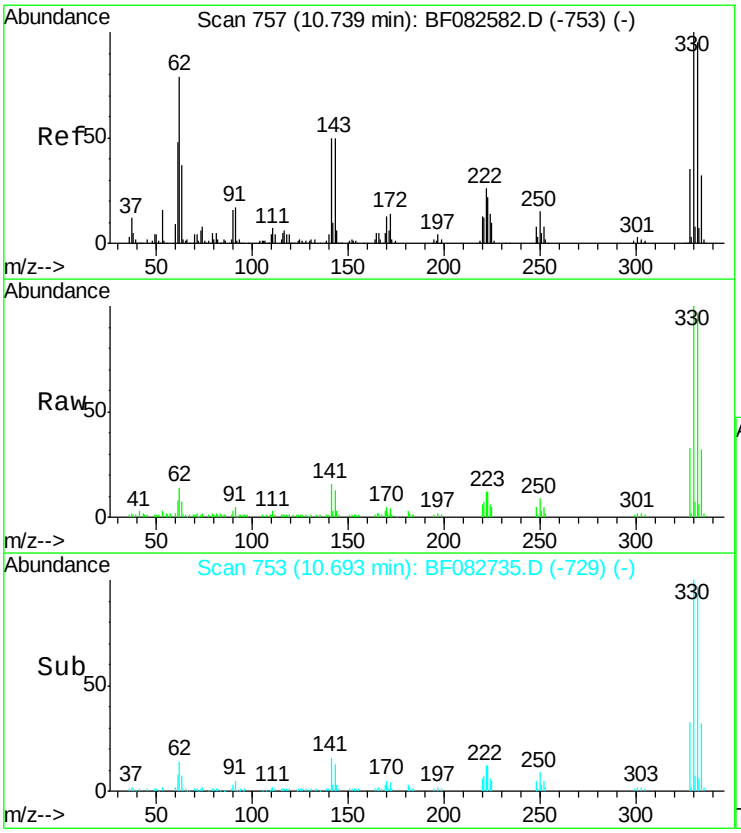
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF082735.D
Acq: 5 Nov 2015 18:03

Instrument :
BNA_F
ClientSampleId :
AVE-E-RA15.1-2

Tgt Ion:164 Resp: 275949

Ion	Ratio	Lower	Upper
164	100		
162	103.7	84.9	127.3
160	44.6	37.5	56.3

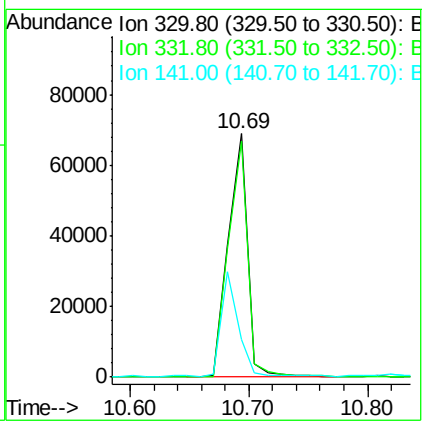


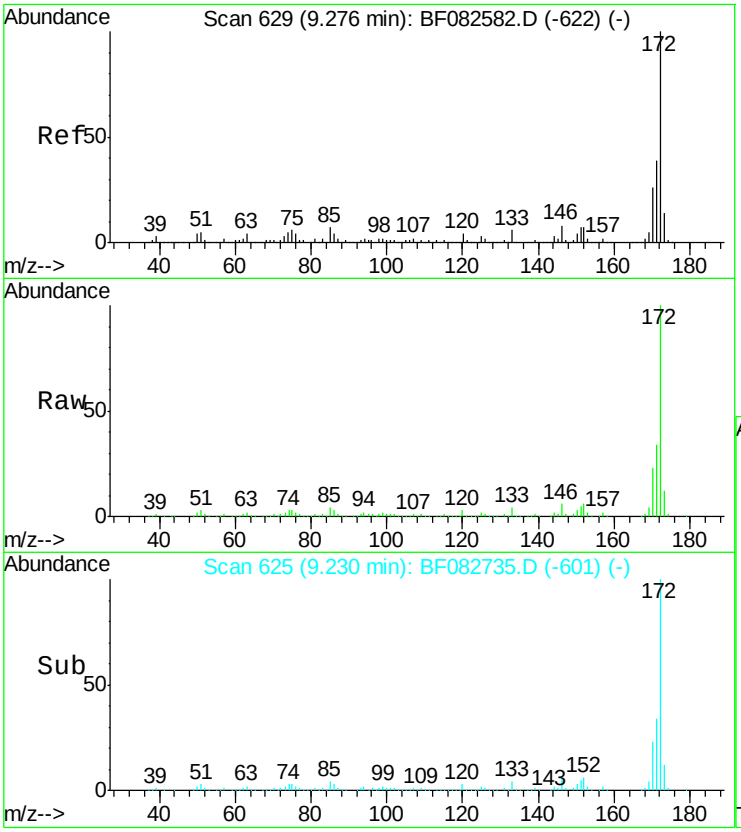


#41
2,4,6-Tribromophenol
Concen: 25.85 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF082735.D
Acq: 5 Nov 2015 18:03

Tgt Ion:330 Resp: 78056

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	114.8
141	40.2	41.2	61.8#



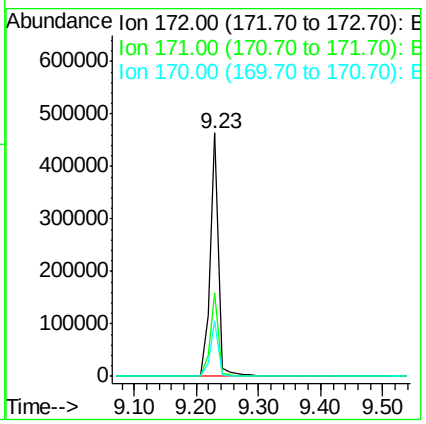


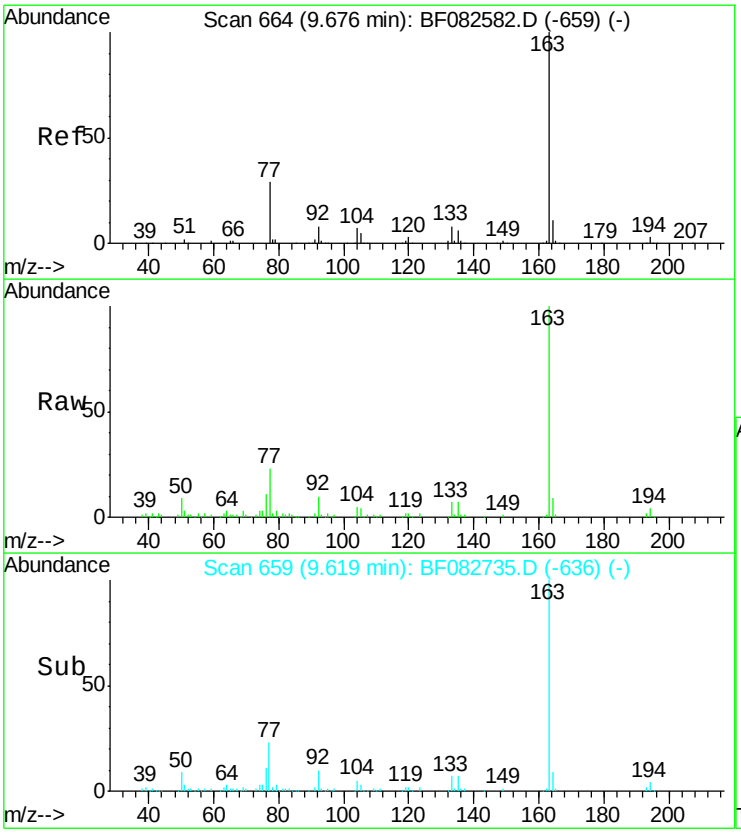
#44
2-Fluorobiphenyl
Concen: 21.87 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF082735.D
Acq: 5 Nov 2015 18:03

Instrument :
BNA_F
ClientSampleId :
AVE-E-RA15.1-2

Tgt Ion:172 Resp: 424977

Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.8	46.2
170	22.9	21.2	31.8

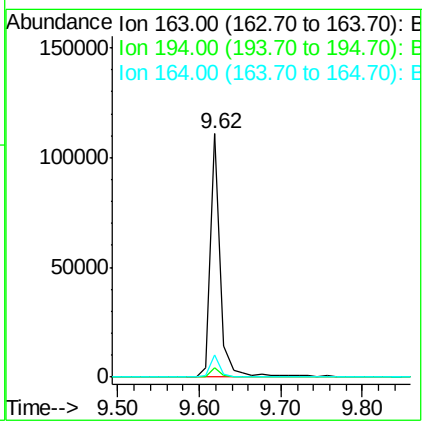


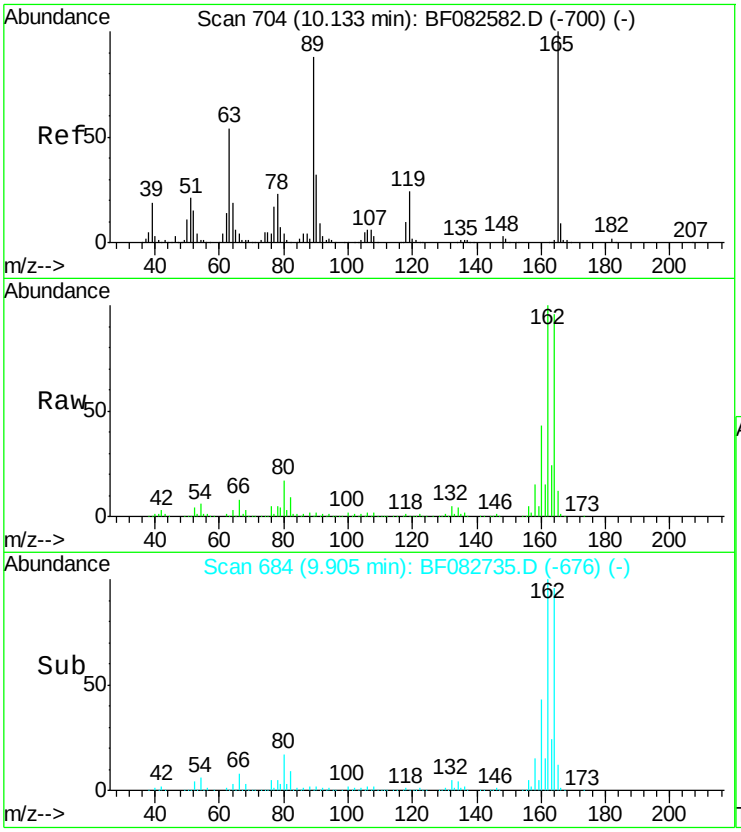


#49
Dimethylphthalate
Concen: 4.29 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF082735.D
Acq: 5 Nov 2015 18:03

Tgt Ion:163 Resp: 96654

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.4	8.7	13.1



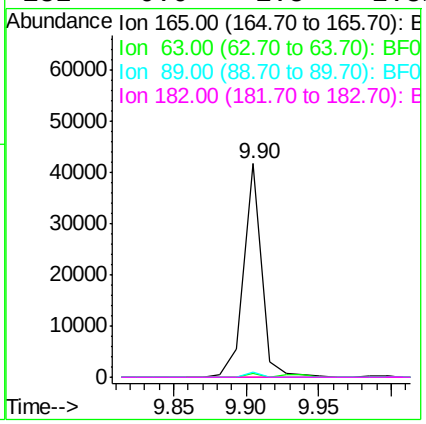


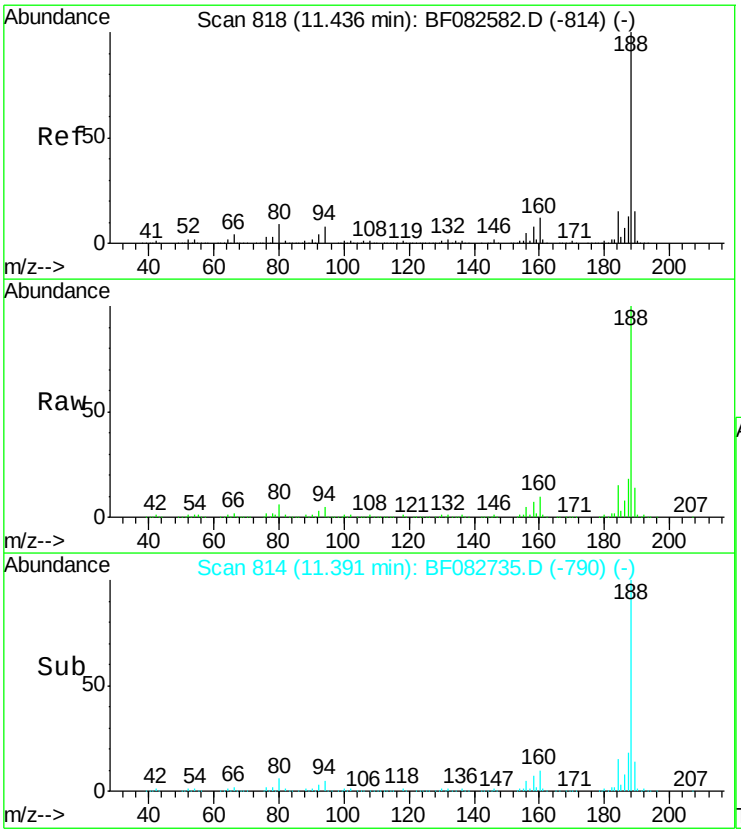
#56
2,4-Dinitrotoluene
Concen: 5.68 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.21 min
Lab File: BF082735.D
Acq: 5 Nov 2015 18:03

Instrument :
BNA_F
ClientSampleId :
AVE-E-RA15.1-2

Tgt Ion:165 Resp: 35896

Ion	Ratio	Lower	Upper
165	100		
63	1.8	43.4	65.0#
89	2.1	70.6	106.0#
182	0.0	1.5	2.3#

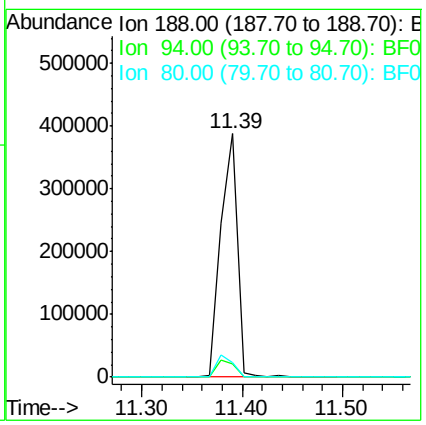


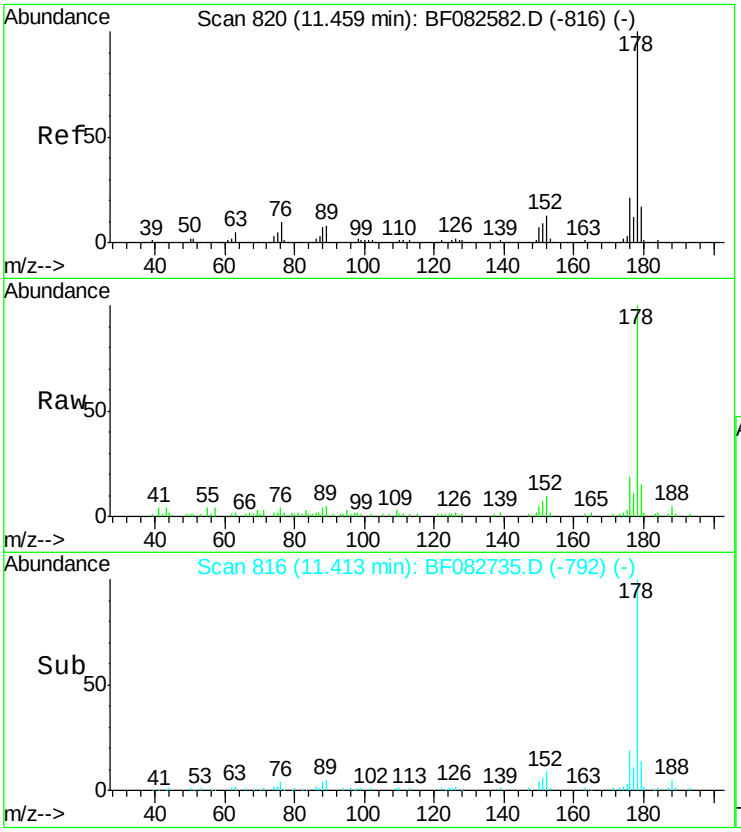


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF082735.D
Acq: 5 Nov 2015 18:03

Tgt Ion:188 Resp: 445772

Ion	Ratio	Lower	Upper
188	100		
94	5.2	6.1	9.1#
80	5.7	7.0	10.6#



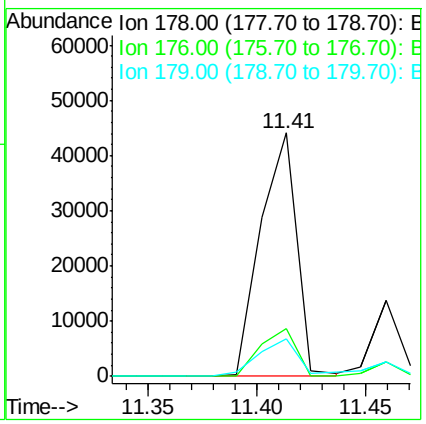


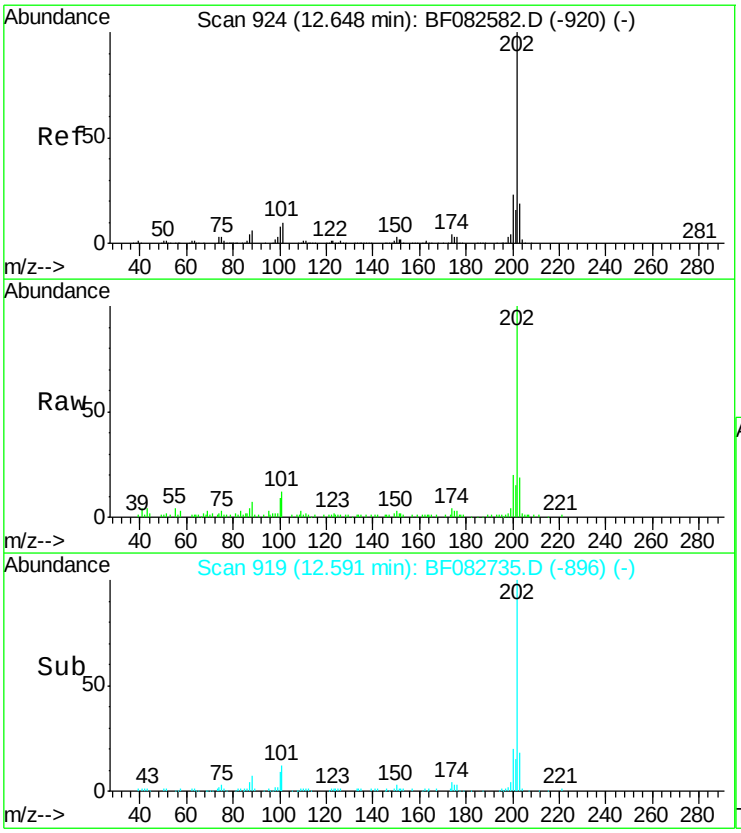
#70
Phenanthrene
Concen: 2.05 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF082735.D
Acq: 5 Nov 2015 18:03

Instrument :
BNA_F
ClientSampleId :
AVE-E-RA15.1-2

Tgt Ion:178 Resp: 51455

Ion	Ratio	Lower	Upper
178	100		
176	19.4	17.0	25.4
179	15.2	13.4	20.0

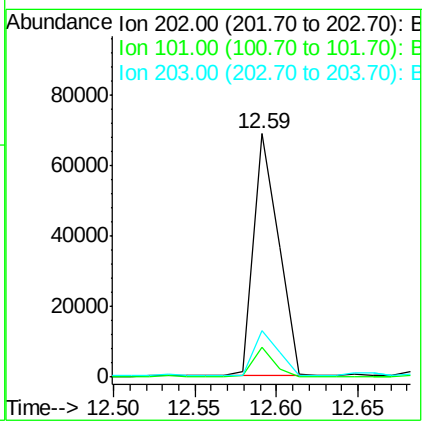


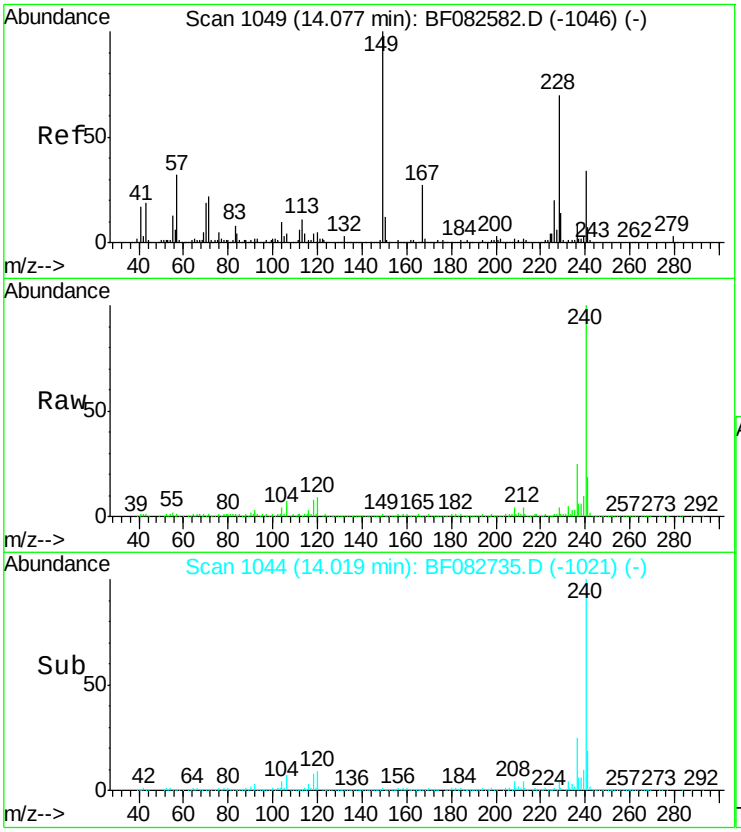


#74
Fluoranthene
Concen: 2.87 ng
RT: 12.59 min Scan# 919
Delta R.T. -0.03 min
Lab File: BF082735.D
Acq: 5 Nov 2015 18:03

Tgt Ion:202 Resp: 73721

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	30.5
203	19.0	0.0	38.5



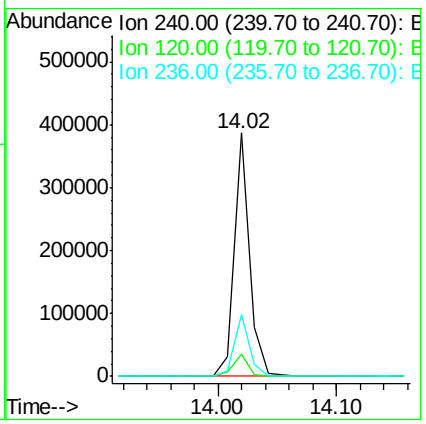


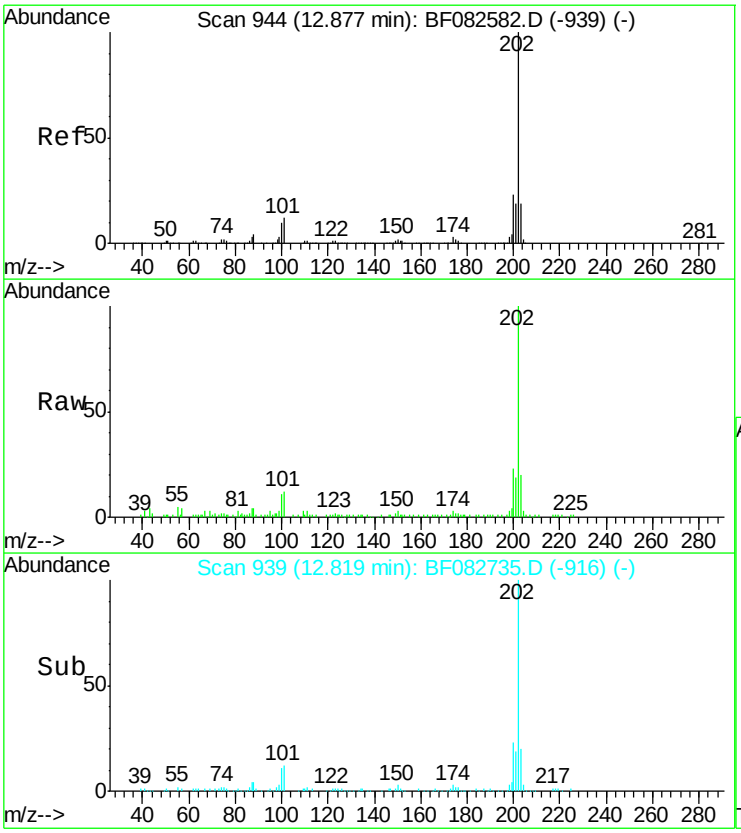
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF082735.D
Acq: 5 Nov 2015 18:03

Instrument :
BNA_F
ClientSampleId :
AVE-E-RA15.1-2

Tgt Ion:240 Resp: 346179

Ion	Ratio	Lower	Upper
240	100		
120	8.9	10.9	16.3#
236	25.5	21.6	32.4

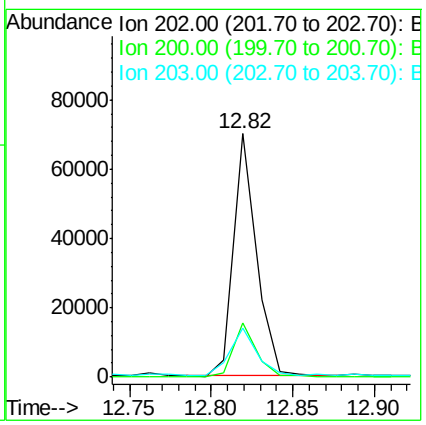


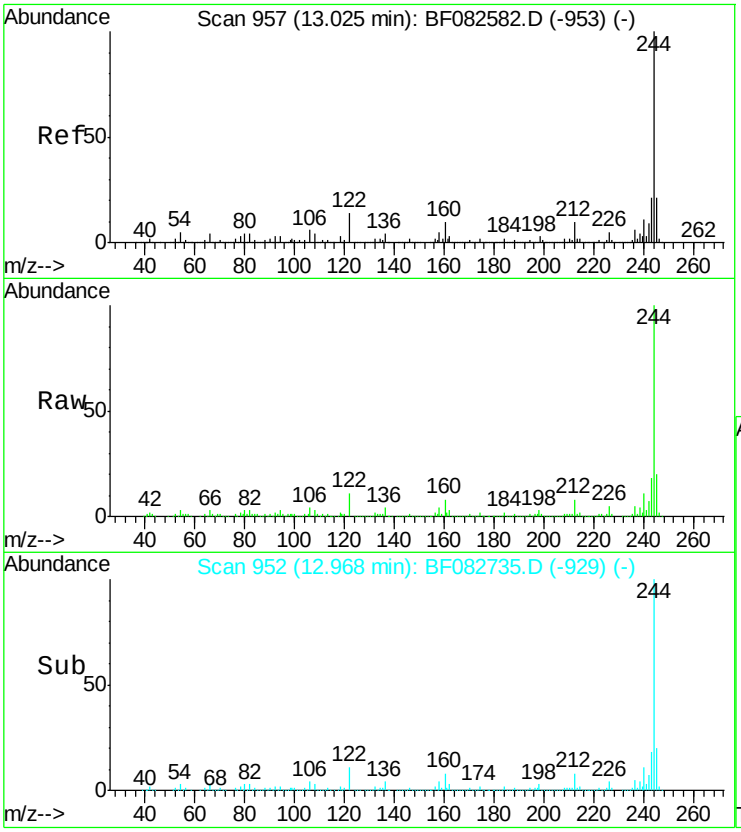


#77
Pyrene
Concen: 2.62 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.03 min
Lab File: BF082735.D
Acq: 5 Nov 2015 18:03

Tgt Ion:202 Resp: 67262

Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.7	28.1
203	20.0	14.8	22.2



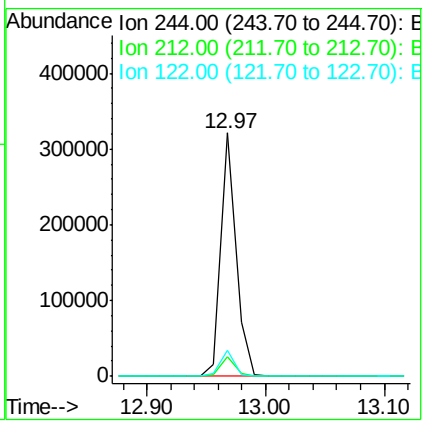


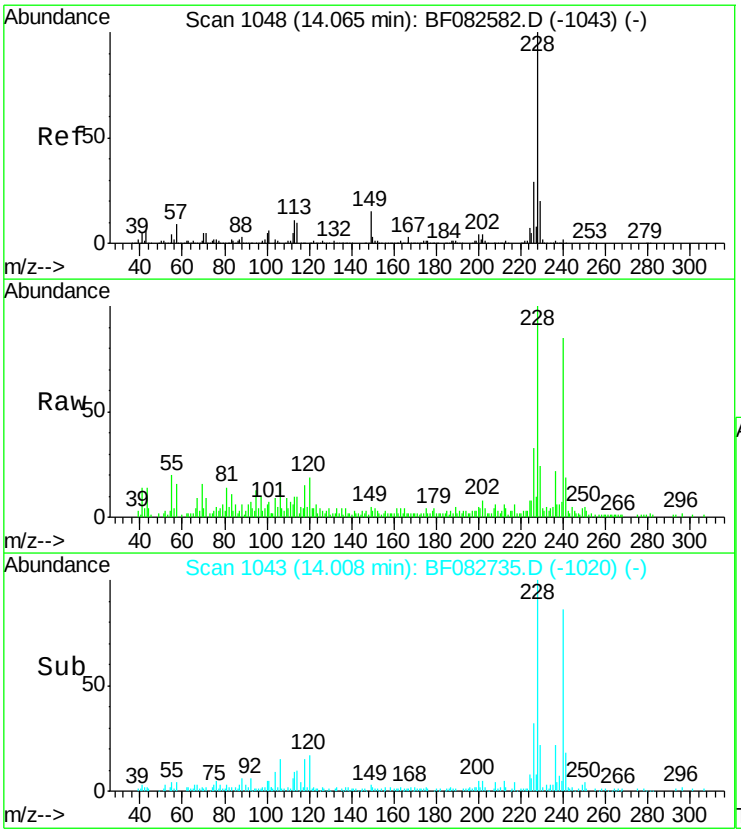
#78
Terphenyl-d14
Concen: 17.92 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.03 min
Lab File: BF082735.D
Acq: 5 Nov 2015 18:03

Instrument :
BNA_F
ClientSampleId :
AVE-E-RA15.1-2

Tgt Ion:244 Resp: 283483

Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.6	11.4
122	10.7	11.3	16.9#

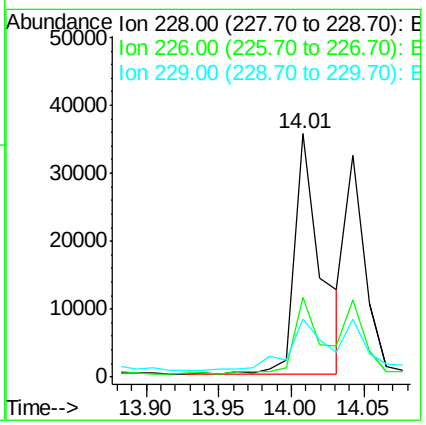


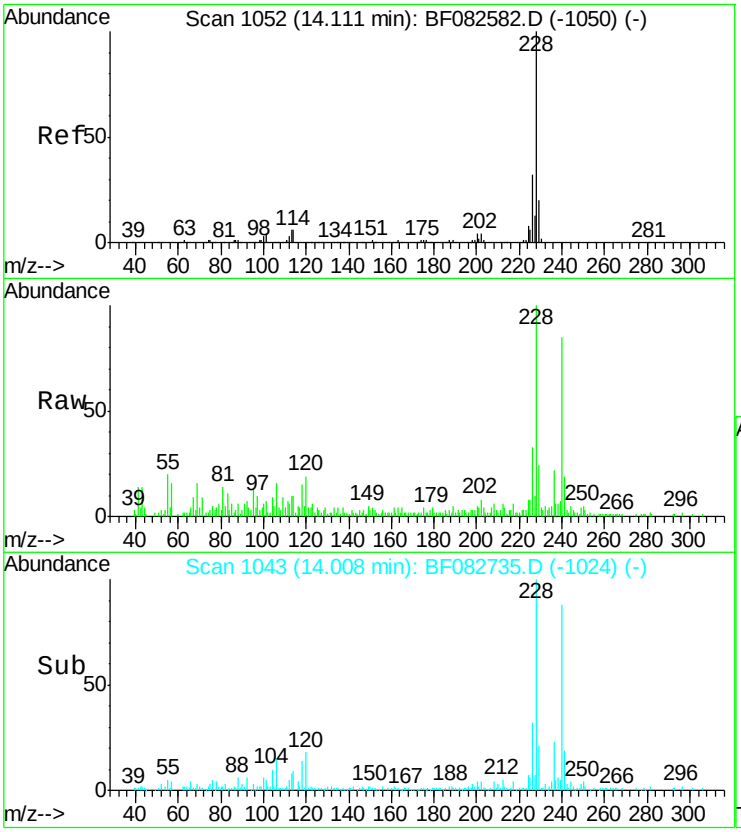


#80
Benzo(a)anthracene
Concen: 2.05 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BF082735.D
Acq: 5 Nov 2015 18:03

Tgt Ion:228 Resp: 44985

Ion	Ratio	Lower	Upper
228	100		
226	33.0	23.4	35.2
229	23.7	16.3	24.5



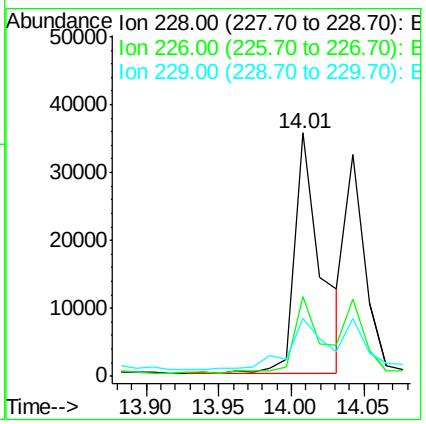


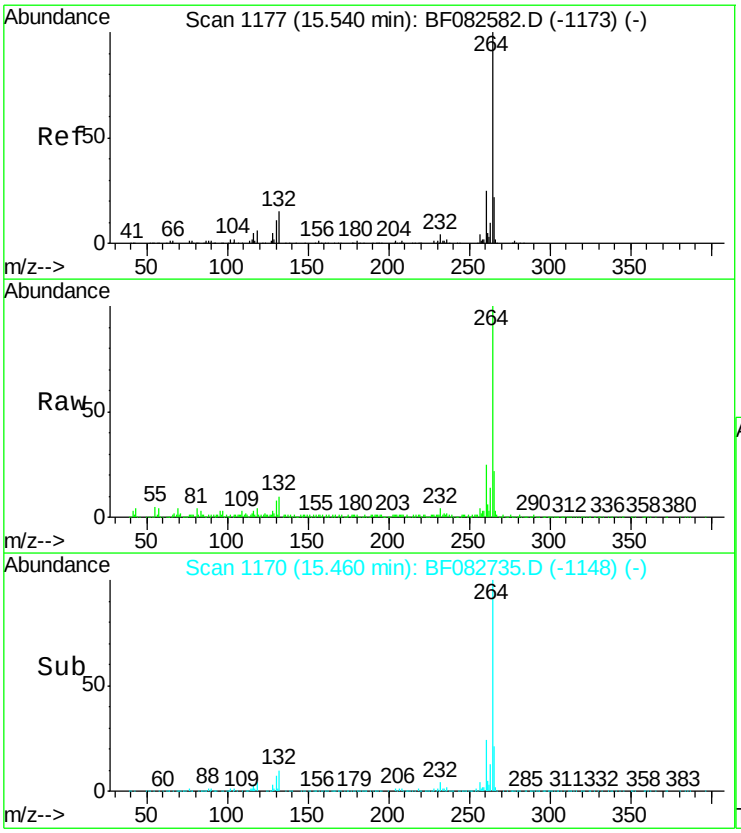
#82
Chrysene
Concen: 2.26 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.08 min
Lab File: BF082735.D
Acq: 5 Nov 2015 18:03

Instrument :
BNA_F
ClientSampleId :
AVE-E-RA15.1-2

Tgt Ion:228 Resp: 44985

Ion	Ratio	Lower	Upper
228	100		
226	33.0	25.5	38.3
229	23.7	16.3	24.5

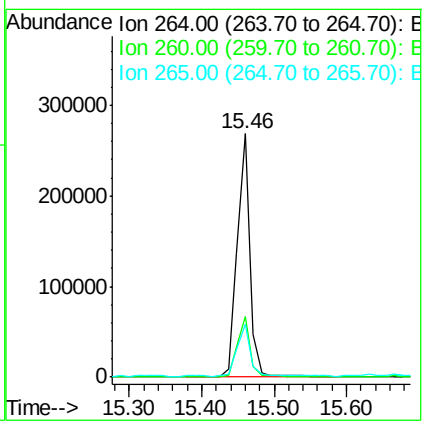


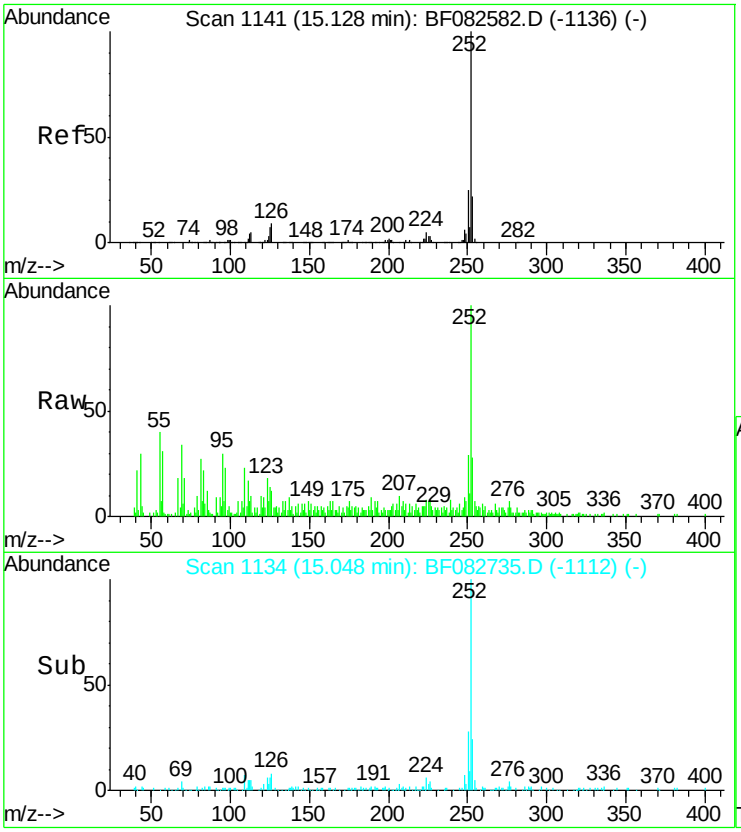


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.05 min
Lab File: BF082735.D
Acq: 5 Nov 2015 18:03

Tgt Ion:264 Resp: 322694

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.6
265	21.5	17.4	26.0



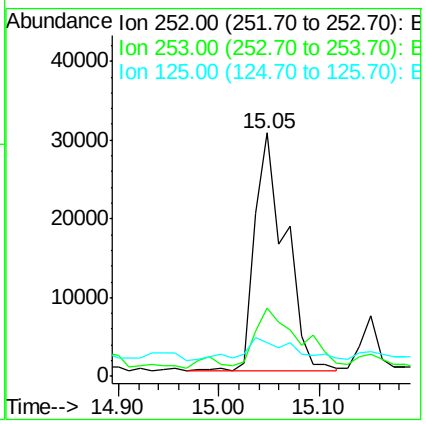


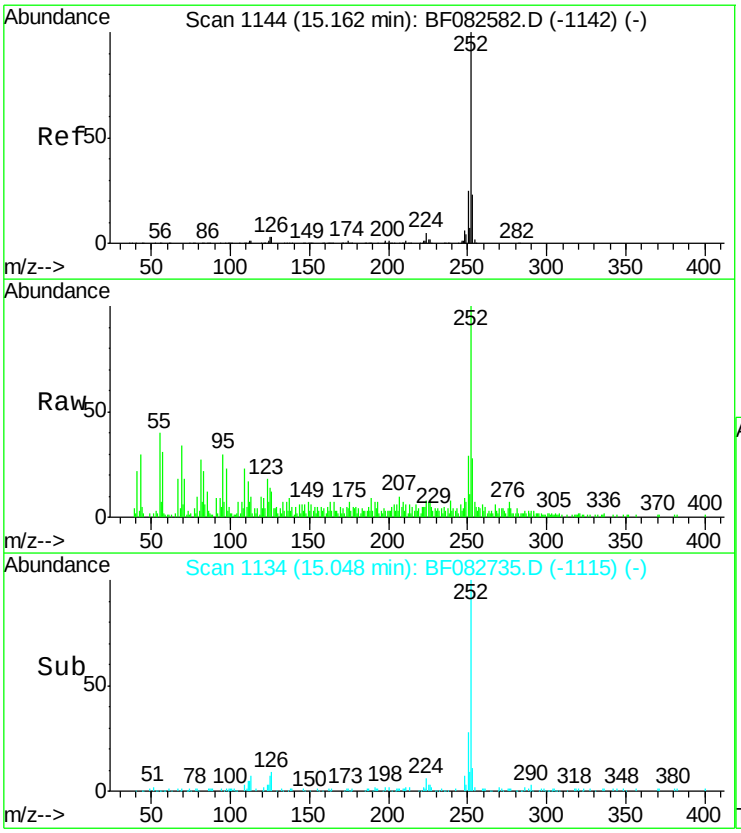
#87
Benzo(b)fluoranthene
Concen: 2.83 ng
RT: 15.05 min Scan# 1134
Delta R.T. -0.05 min
Lab File: BF082735.D
Acq: 5 Nov 2015 18:03

Instrument :
BNA_F
ClientSampleId :
AVE-E-RA15.1-2

Tgt Ion:252 Resp: 63019

Ion	Ratio	Lower	Upper
252	100		
253	27.8	17.8	26.8#
125	14.1	5.4	8.2#





#88
Benzo(k)fluoranthene
Concen: 3.72 ng
RT: 15.05 min Scan# 1134
Delta R.T. -0.08 min
Lab File: BF082735.D
Acq: 5 Nov 2015 18:03

Tgt Ion:252 Resp: 63019

Ion	Ratio	Lower	Upper
252	100		
253	27.8	17.9	26.9#
125	14.1	3.5	5.3#