Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110615\
Data File : BF082729.D
Acq On : 5 Nov 2015 15:07
Operator : UM/IZ
Sample : G4241-02DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-117(3)DL

Quant Time: Nov 06 04:39:29 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	166875	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	617858	20.00	ng		-0.01
38) Acenaphthene-d10	9.90	164	272071	20.00	ng		-0.02
63) Phenanthrene-d10	11.39	188	464375	20.00	ng		-0.02
75) Chrysene-d12	14.03	240	351224	20.00	ng		-0.02
86) Perylene-d12	15.48	264	354565	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	288493	26.04	ng		-0.01
7) Phenol-d6	6.49	99	444716	30.21	ng		-0.02
23) Nitrobenzene-d5	7.42	82	279512	18.47	ng		-0.02
41) 2,4,6-Tribromophenol	10.69	330	81172	27.26	ng		-0.02
44) 2-Fluorobiphenyl	9.23	172	394855	20.61	ng		-0.02
78) Terphenyl-d14	12.98	244	270241	16.84	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	8.17	128	197426	5.91	ng		98
37) 2-Methylnaphthalene	8.86	142	115429	5.33	ng		99
48) Acenaphthylene	9.77	152	93264	3.25	ng	#	87
49) Dimethylphthalate	9.62	163	83472	3.76	ng	#	93
51) Acenaphthene	9.94	154	167849m	9.21	ng		
57) Fluorene	10.45	166	150344m	7.54	ng		
70) Phenanthrene	11.42	178	719643	27.48	ng		96
71) Anthracene	11.47	178	246519m	9.35	ng		
74) Fluoranthene	12.61	202	263572	9.84	ng		97
77) Pyrene	12.83	202	470669	18.10	ng		95
80) Benzo(a)anthracene	14.02	228	109008m	4.89	ng		
82) Chrysene	14.05	228	110775m	5.48	ng		
85) Indeno(1,2,3-cd)pyrene	16.88	276	52579	3.15	ng		97
87) Benzo(b)fluoranthene	15.06	252	78161m	3.20	ng		
88) Benzo(k)fluoranthene	15.07	252	40868m	2.19	ng		
89) Benzo(a)pyrene	15.41	252	92250	4.79	ng	#	83
91) Benzo(g,h,i)perylene	17.30	276	68160	3.91	ng	#	95

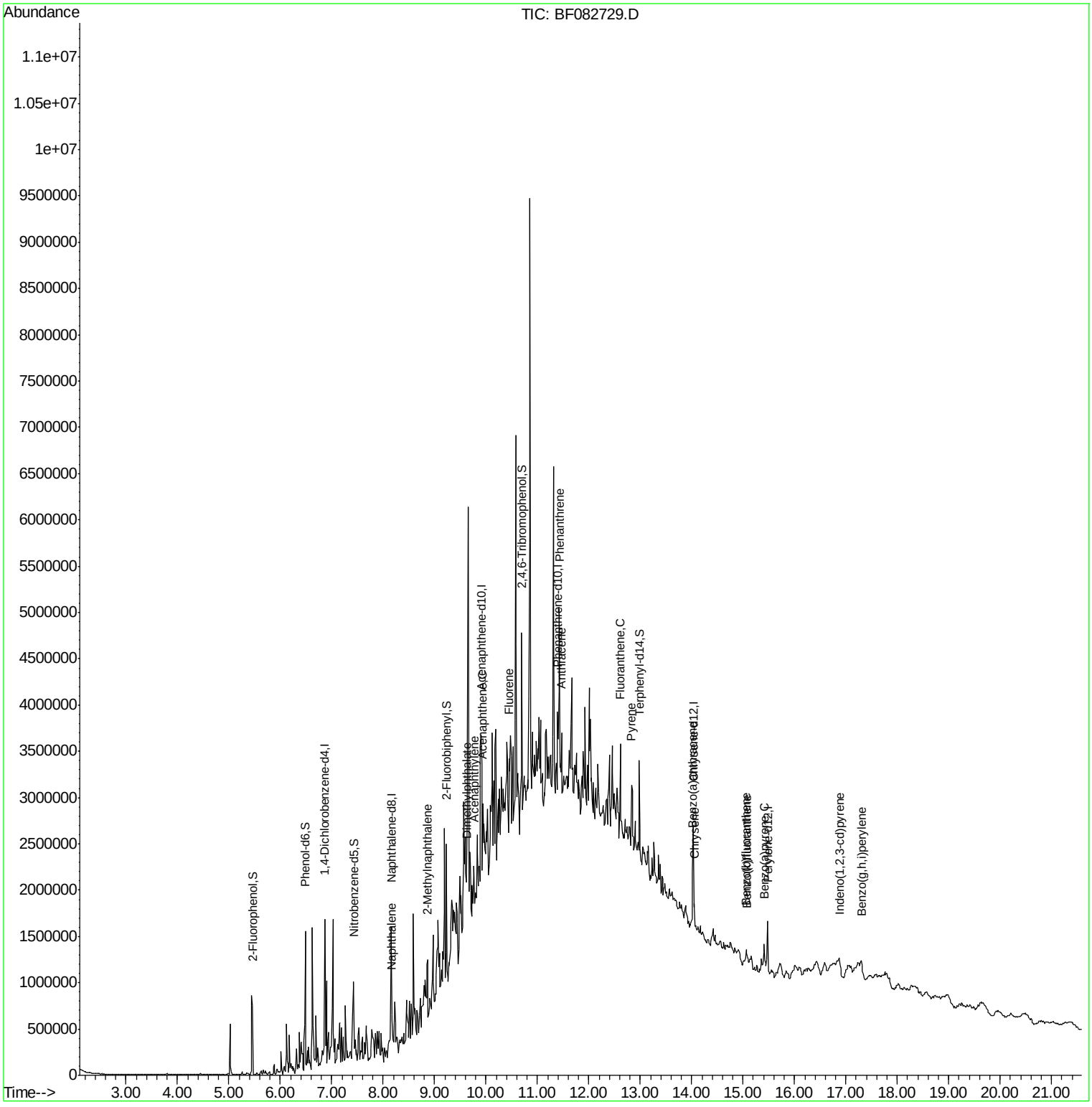
(#) = qualifier out of range (m) = manual integration (+) = signals summed

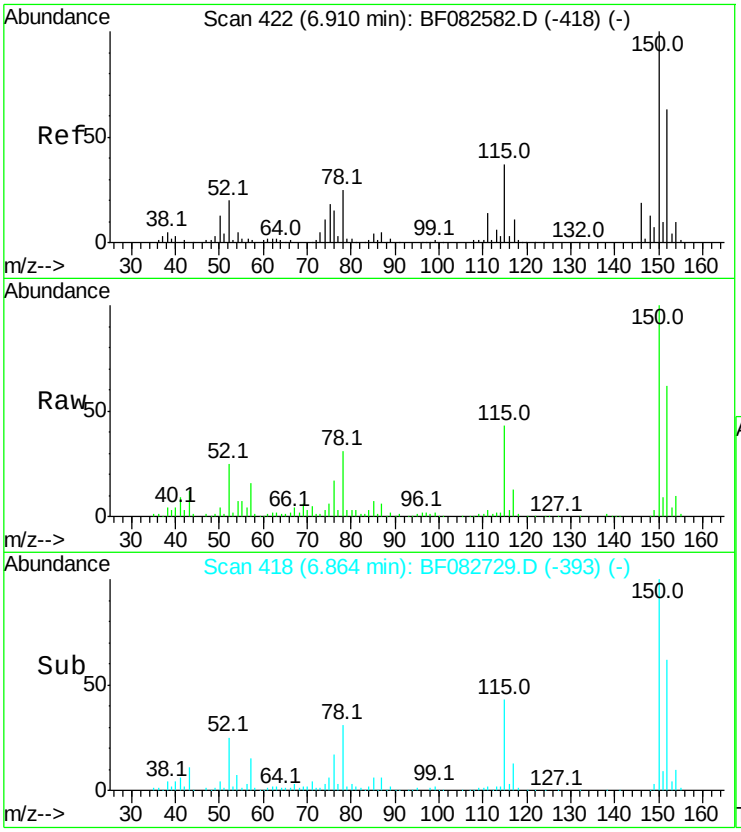
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110615\
Data File : BF082729.D
Acq On : 5 Nov 2015 15:07
Operator : UM/IZ
Sample : G4241-02DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-117(3)DL

Quant Time: Nov 06 04:39:29 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



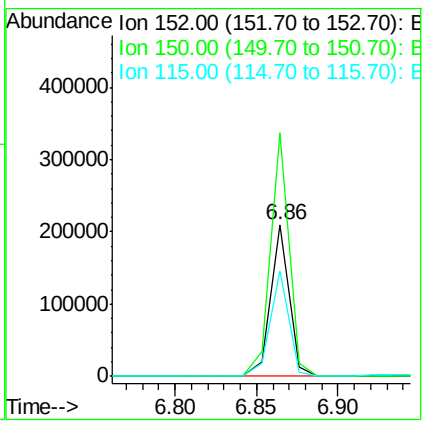


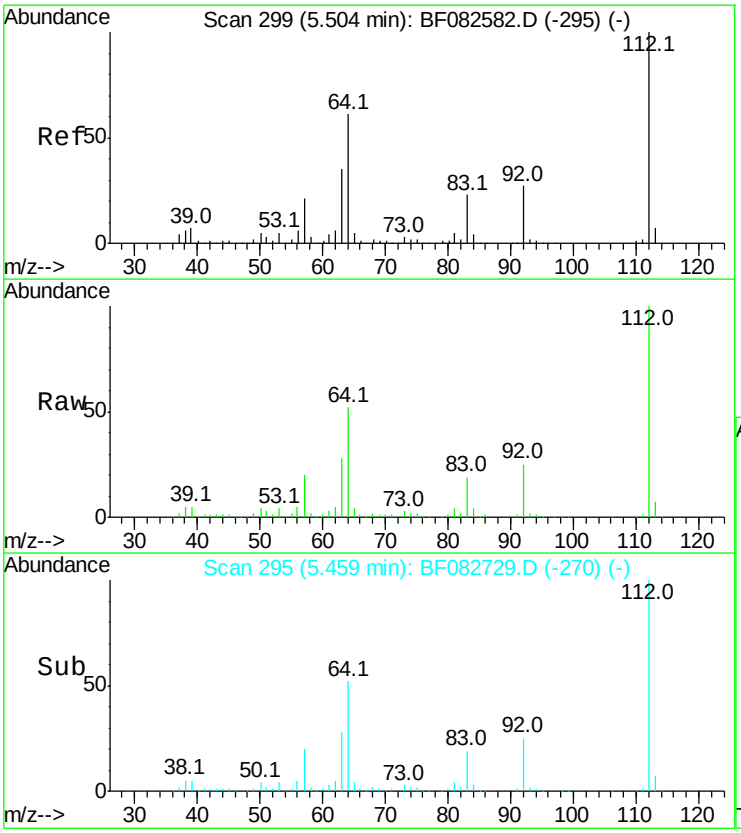
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF082729.D
Acq: 5 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :
TP-117(3)DL

Tgt Ion:152 Resp: 166875

Ion	Ratio	Lower	Upper
152	100		
150	160.7	127.0	190.4
115	69.4	47.0	70.6

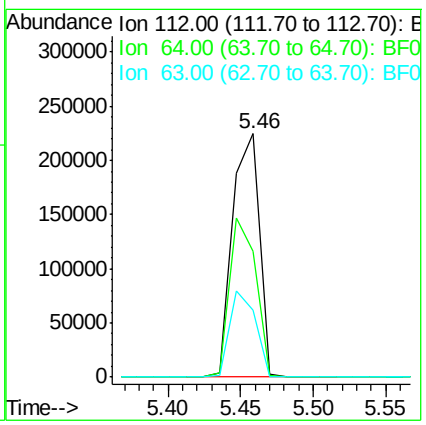


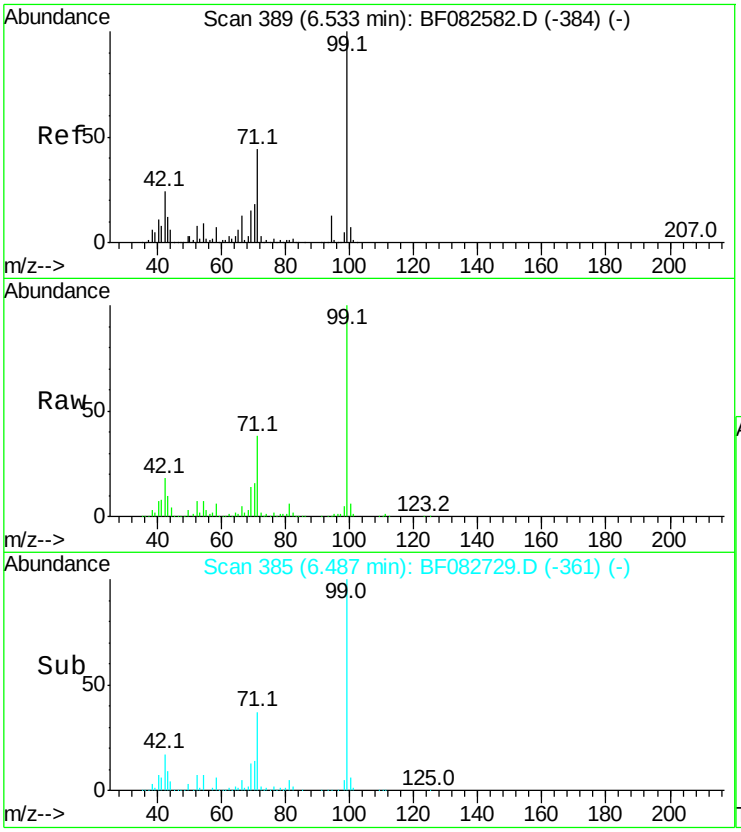


#5
2-Fluorophenol
Concen: 26.04 ng
RT: 5.46 min Scan# 295
Delta R.T. -0.01 min
Lab File: BF082729.D
Acq: 5 Nov 2015 15:07

Tgt Ion:112 Resp: 288493

Ion	Ratio	Lower	Upper
112	100		
64	51.8	48.9	73.3
63	27.6	28.1	42.1#



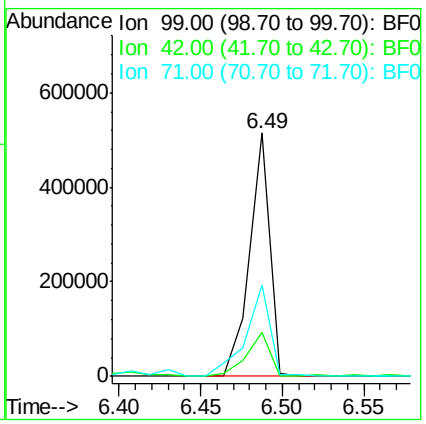


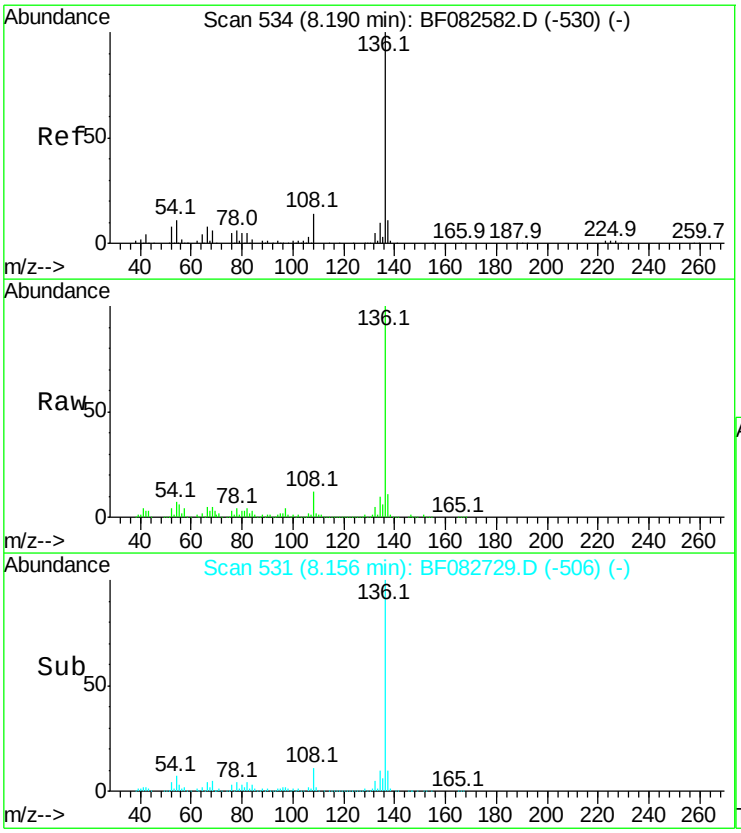
#7
Phenol-d6
Concen: 30.21 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.02 min
Lab File: BF082729.D
Acq: 5 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :
TP-117(3)DL

Tgt Ion: 99 Resp: 444716

Ion	Ratio	Lower	Upper
99	100		
42	18.0	19.2	28.8#
71	37.6	35.0	52.4

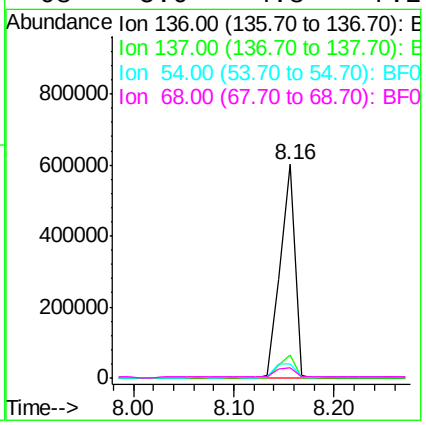


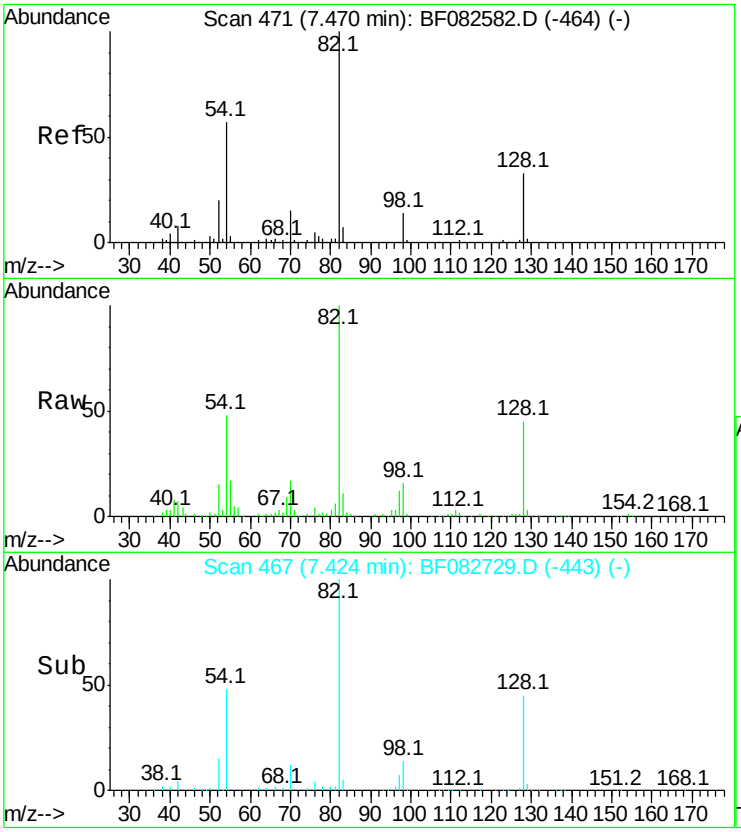


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF082729.D
Acq: 5 Nov 2015 15:07

Tgt Ion:136 Resp: 617858

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	6.8	9.1	13.7#
68	5.0	4.8	7.2



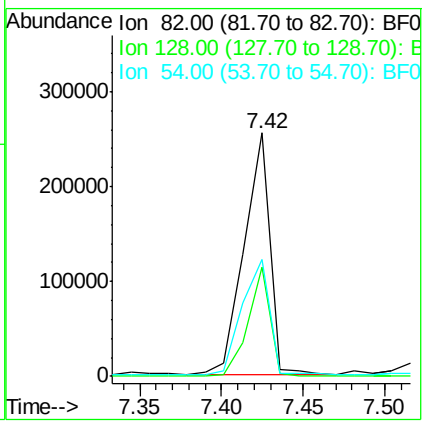


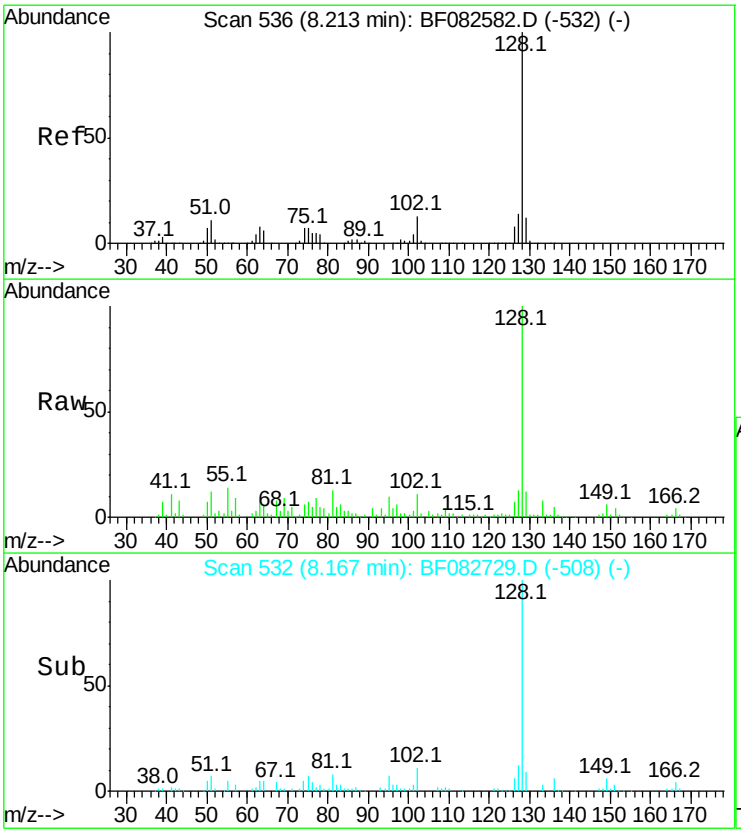
#23
Nitrobenzene-d5
Concen: 18.47 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF082729.D
Acq: 5 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :
TP-117(3)DL

Tgt Ion: 82 Resp: 279512

Ion	Ratio	Lower	Upper
82	100		
128	44.6	26.8	40.2#
54	48.0	45.7	68.5

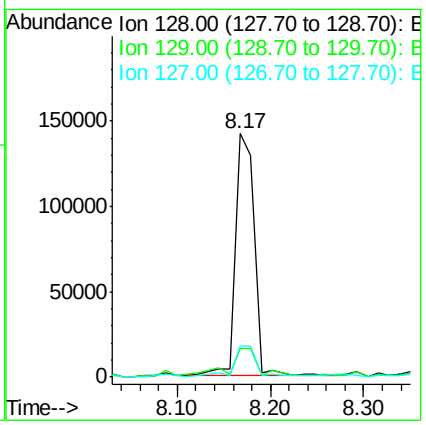


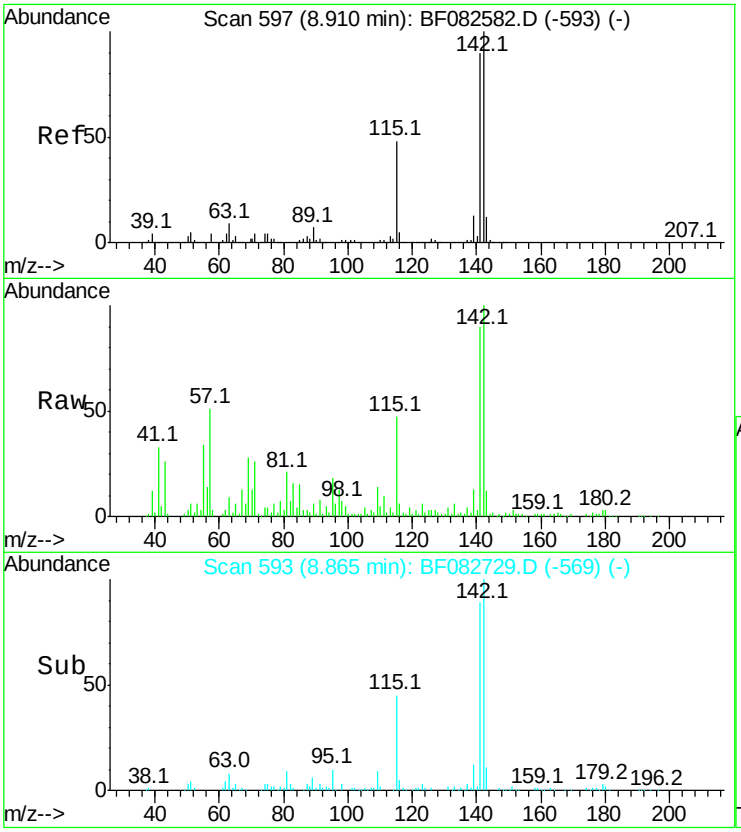


#31
Naphthalene
Concen: 5.91 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.02 min
Lab File: BF082729.D
Acq: 5 Nov 2015 15:07

Tgt Ion:128 Resp: 197426

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.5	14.3
127	13.0	11.4	17.0



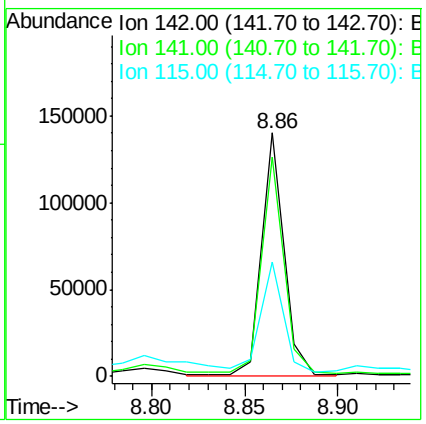


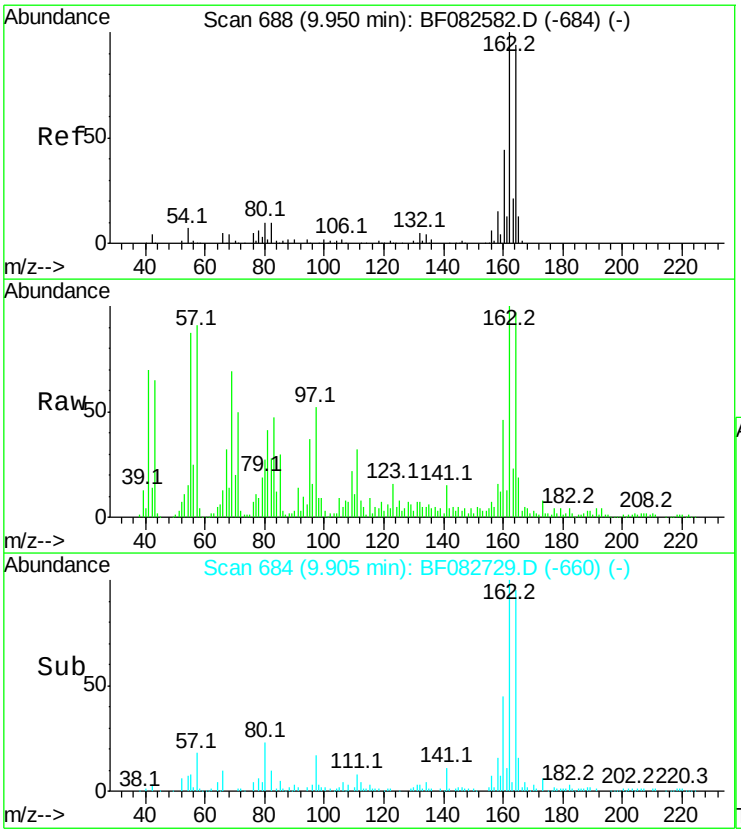
#37
2-Methylnaphthalene
Concen: 5.33 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF082729.D
Acq: 5 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :
TP-117(3)DL

Tgt Ion:142 Resp: 115429

Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.3	108.5
115	46.7	38.1	57.1

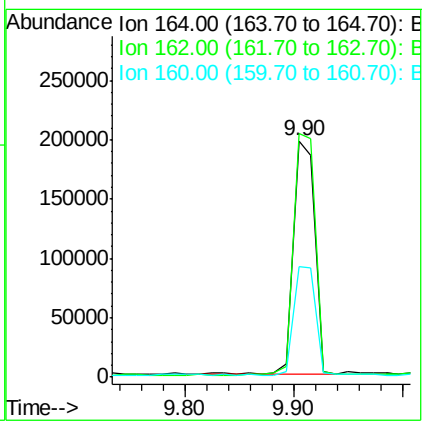


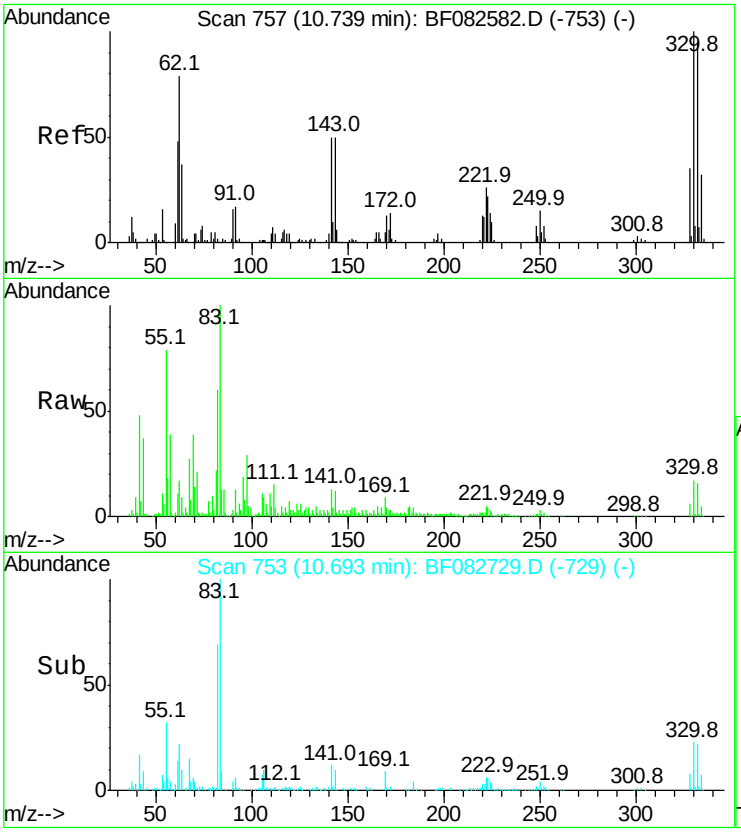


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF082729.D
Acq: 5 Nov 2015 15:07

Tgt Ion:164 Resp: 272071

Ion	Ratio	Lower	Upper
164	100		
162	102.9	84.9	127.3
160	46.9	37.5	56.3



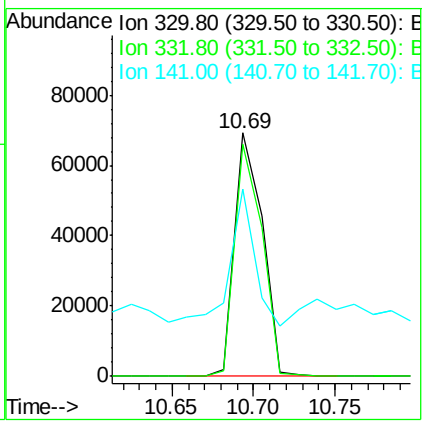


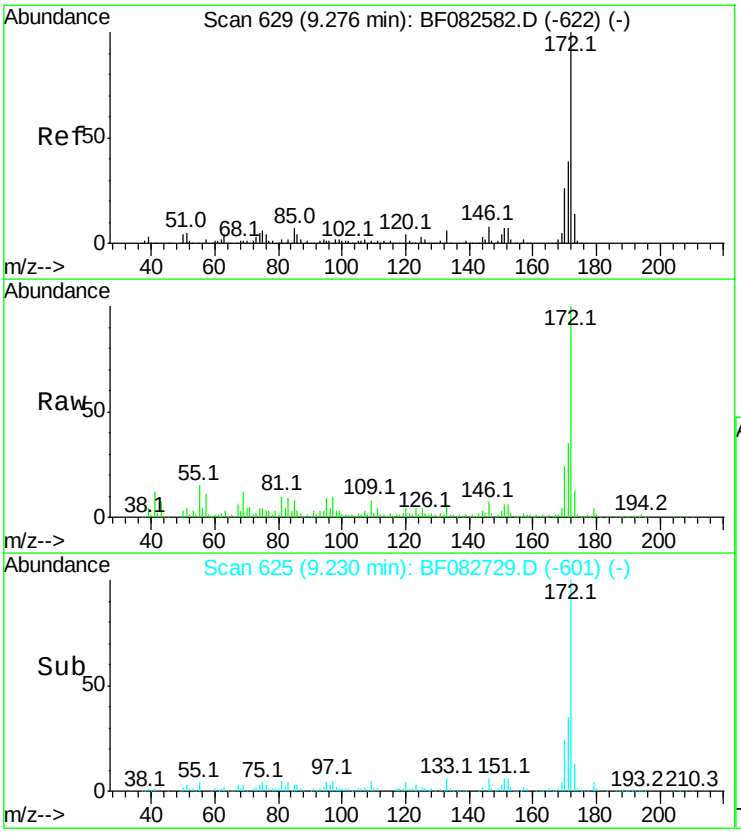
#41
2,4,6-Tribromophenol
Concen: 27.26 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF082729.D
Acq: 5 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :
TP-117(3)DL

Tgt Ion:330 Resp: 81172

Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.6	114.8
141	49.7	41.2	61.8

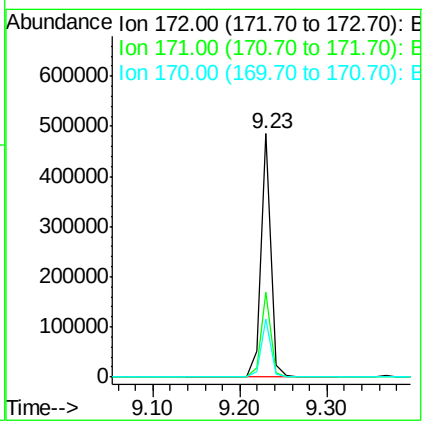


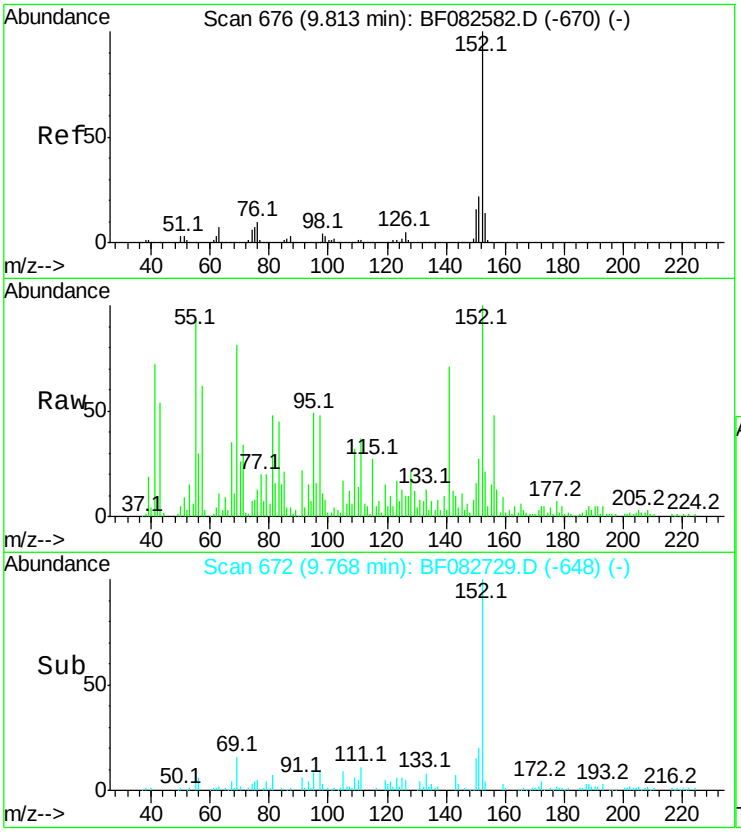


#44
2-Fluorobiphenyl
Concen: 20.61 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF082729.D
Acq: 5 Nov 2015 15:07

Tgt Ion:172 Resp: 394855

Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.8	46.2
170	23.7	21.2	31.8



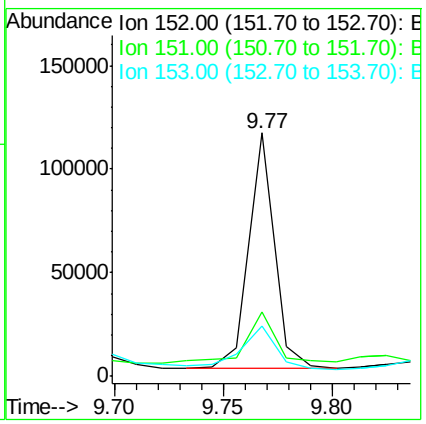


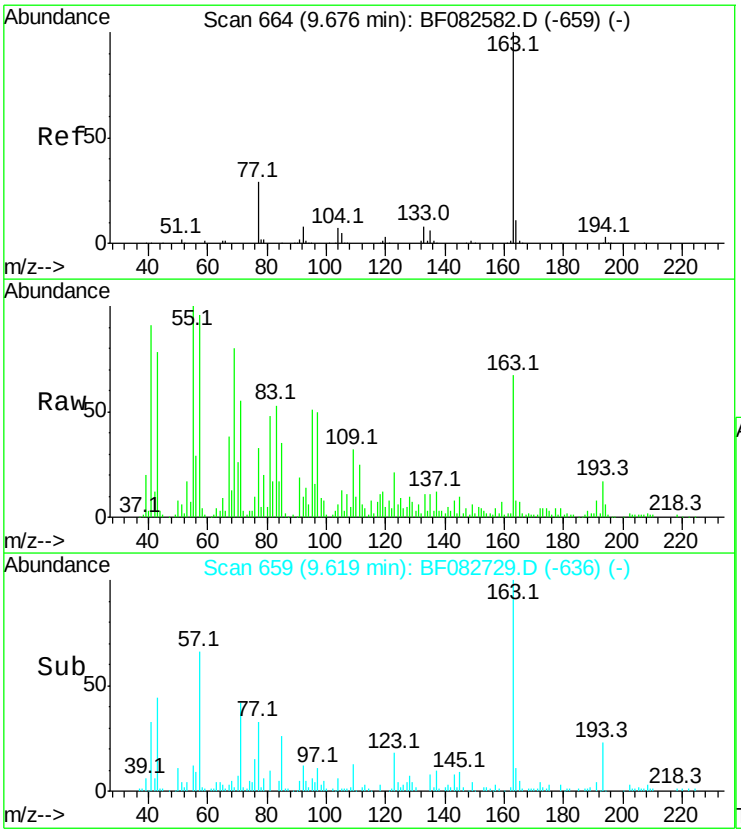
#48
Acenaphthylene
Concen: 3.25 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF082729.D
Acq: 5 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :
TP-117(3)DL

Tgt Ion:152 Resp: 93264

Ion	Ratio	Lower	Upper
152	100		
151	26.6	17.3	25.9#
153	20.7	11.3	16.9#

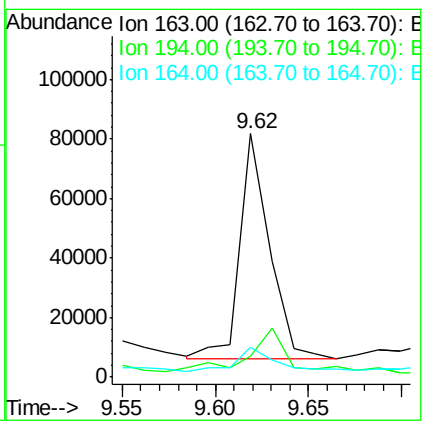


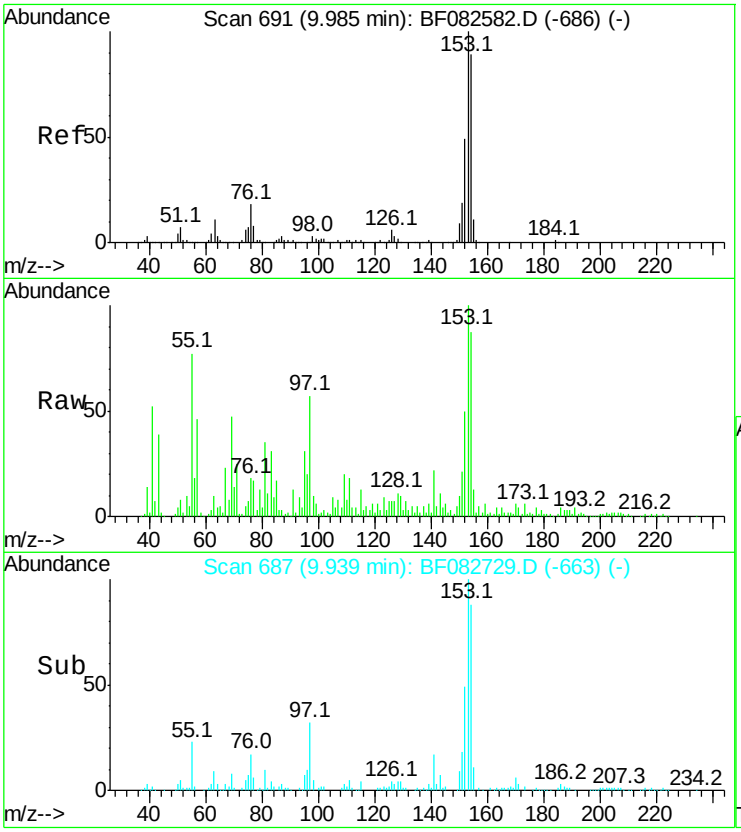


#49
Dimethylphthalate
Concen: 3.76 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF082729.D
Acq: 5 Nov 2015 15:07

Tgt Ion:163 Resp: 83472

Ion	Ratio	Lower	Upper
163	100		
194	8.5	2.6	4.0#
164	12.5	8.7	13.1



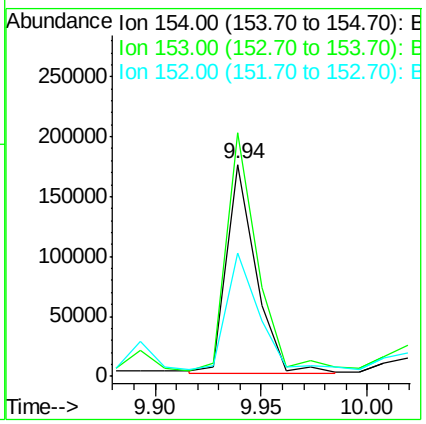


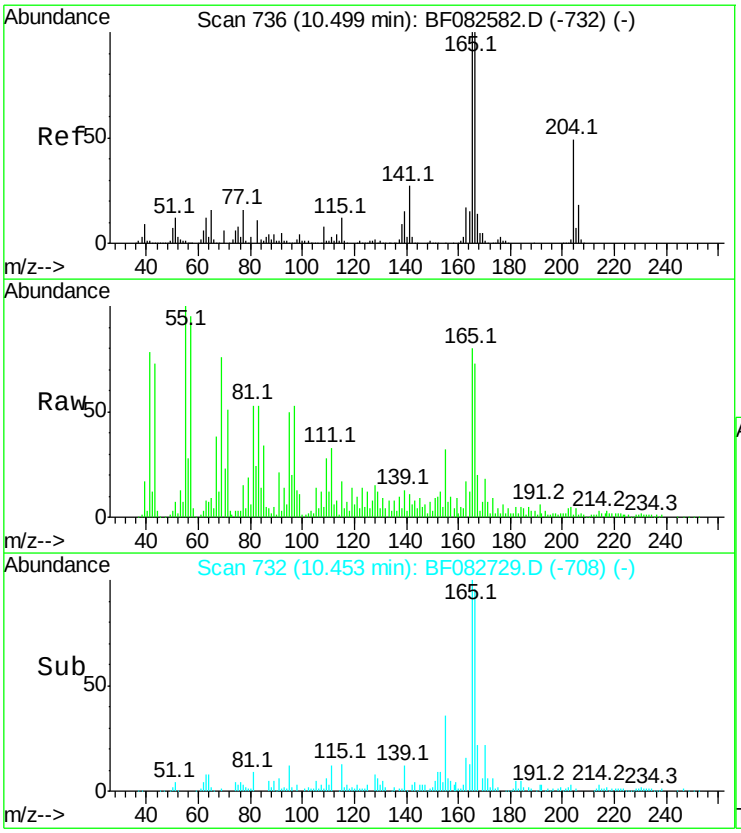
#51
Acenaphthene
Concen: 9.21 ng m
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF082729.D
Acq: 5 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :
TP-117(3)DL

Tgt Ion:154 Resp: 167849

Ion	Ratio	Lower	Upper
154	100		
153	114.9	90.1	135.1
152	57.9	44.3	66.5

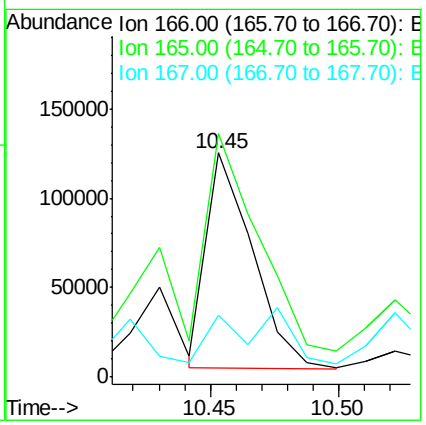


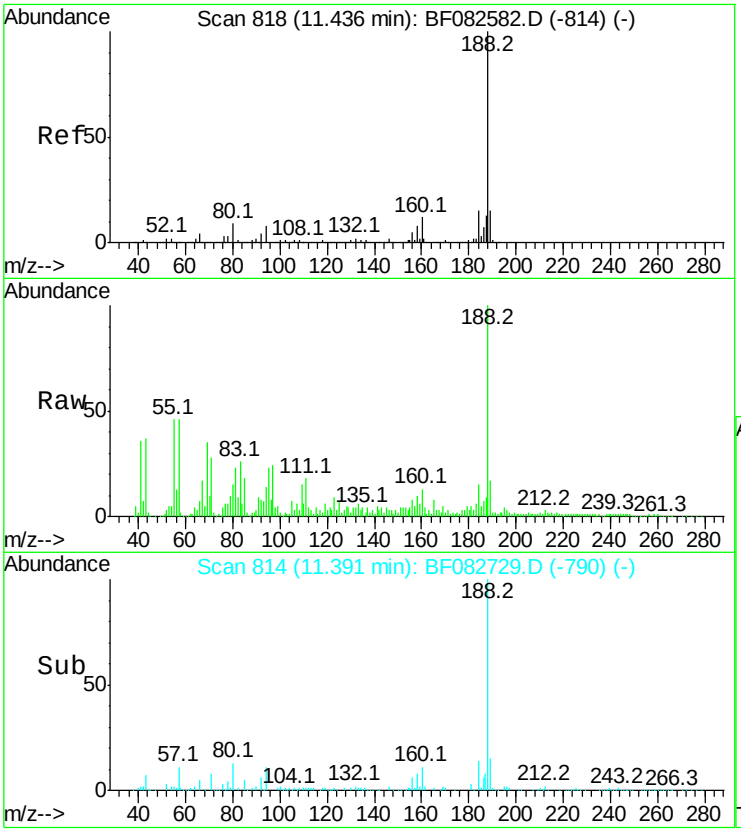


#57
Fluorene
Concen: 7.54 ng m
RT: 10.45 min Scan# 732
Delta R.T. -0.02 min
Lab File: BF082729.D
Acq: 5 Nov 2015 15:07

Tgt Ion:166 Resp: 150344

Ion	Ratio	Lower	Upper
166	100		
165	108.8	80.2	120.4
167	27.9	11.2	16.8#



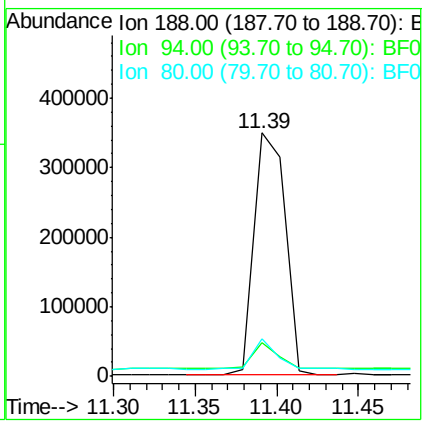


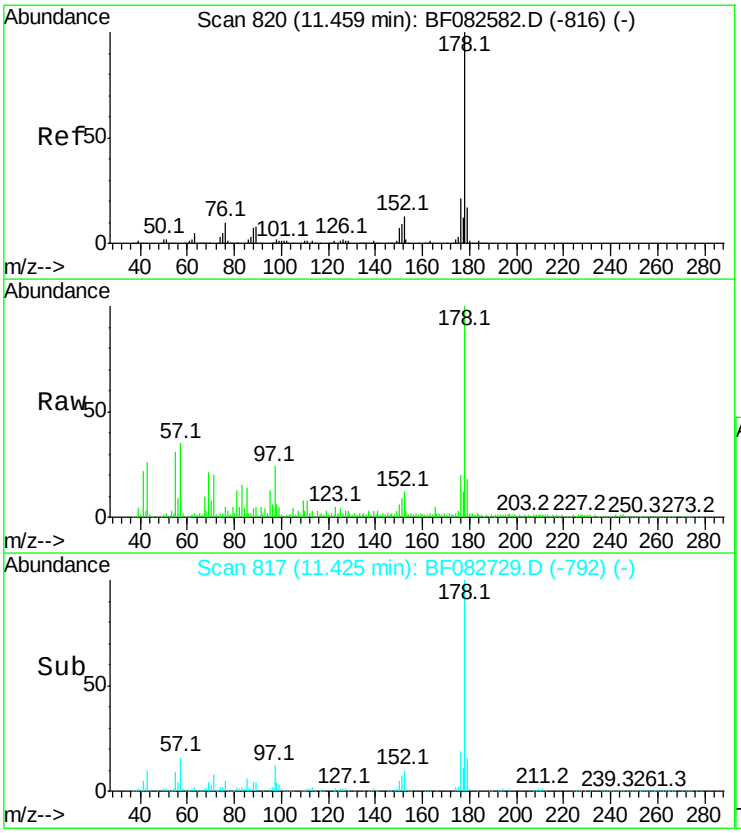
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF082729.D
Acq: 5 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :
TP-117(3)DL

Tgt Ion:188 Resp: 464375

Ion	Ratio	Lower	Upper
188	100		
94	14.0	6.1	9.1#
80	15.3	7.0	10.6#

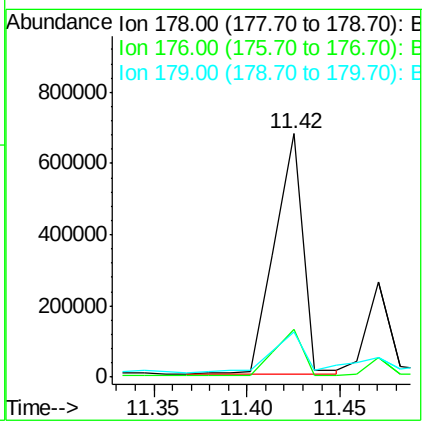


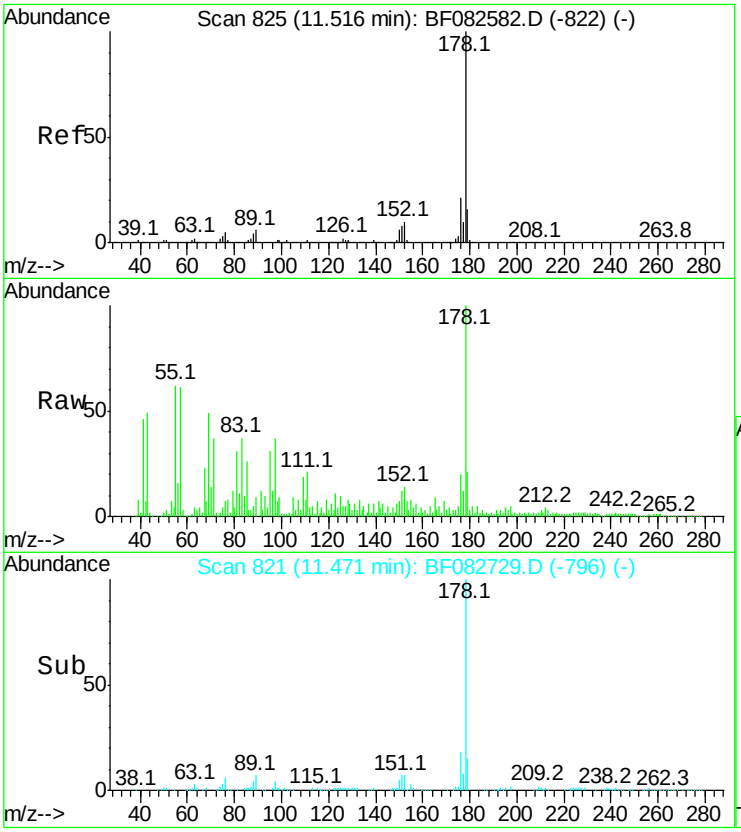


#70
Phenanthrene
Concen: 27.48 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF082729.D
Acq: 5 Nov 2015 15:07

Tgt Ion:178 Resp: 719643

Ion	Ratio	Lower	Upper
178	100		
176	19.6	17.0	25.4
179	18.4	13.4	20.0



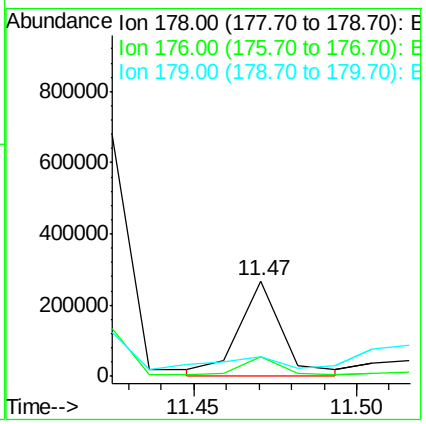


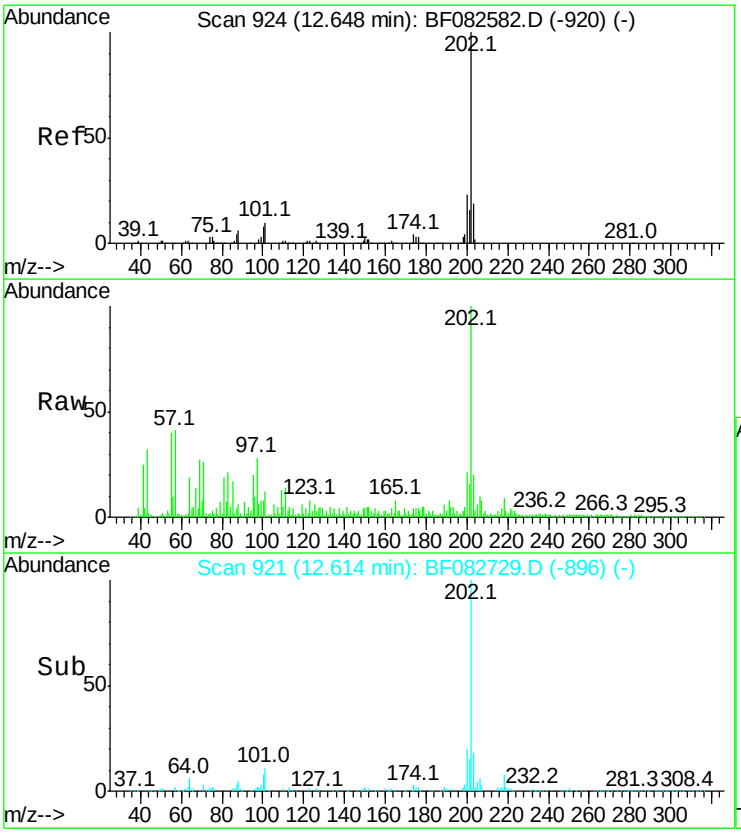
#71
Anthracene
Concen: 9.35 ng m
RT: 11.47 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF082729.D
Acq: 5 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :
TP-117(3)DL

Tgt Ion:178 Resp: 246519

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.5	24.7
179	20.8	13.2	19.8#

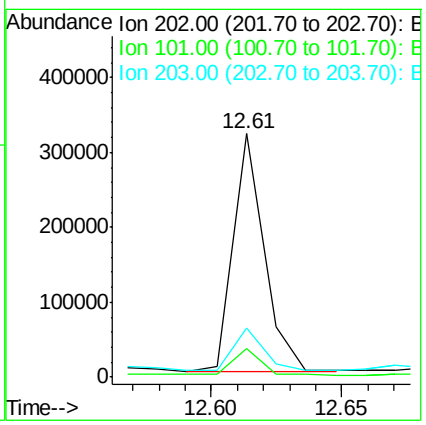


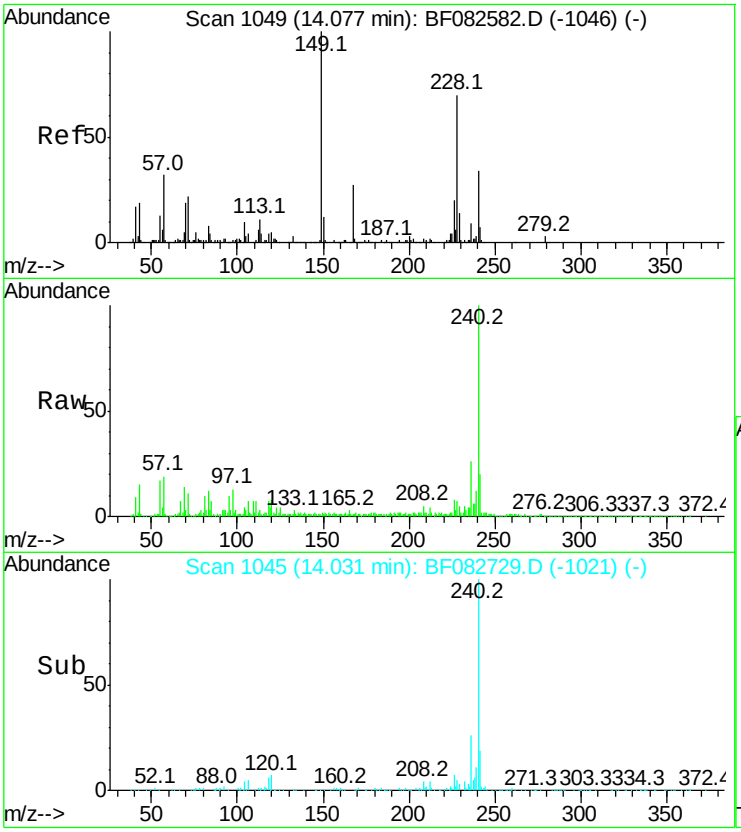


#74
Fluoranthene
Concen: 9.84 ng
RT: 12.61 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF082729.D
Acq: 5 Nov 2015 15:07

Tgt Ion:202 Resp: 263572

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.5
203	20.2	0.0	38.5



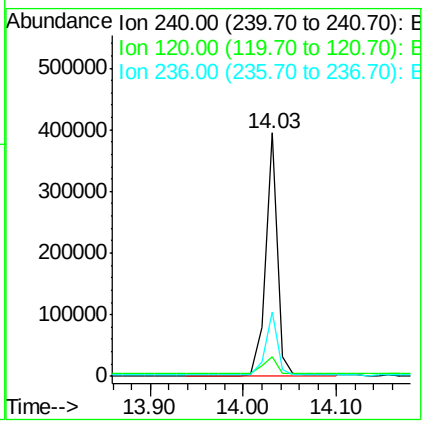


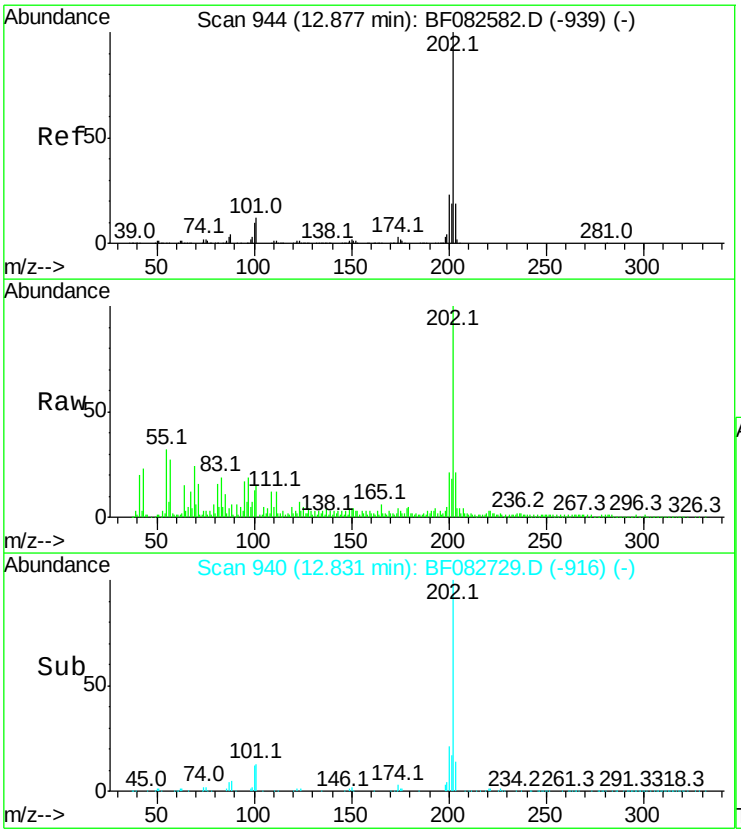
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BF082729.D
Acq: 5 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :
TP-117(3)DL

Tgt Ion:240 Resp: 351224

Ion	Ratio	Lower	Upper
240	100		
120	8.3	10.9	16.3#
236	26.2	21.6	32.4

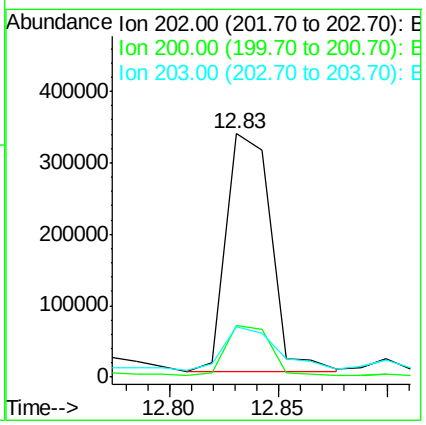


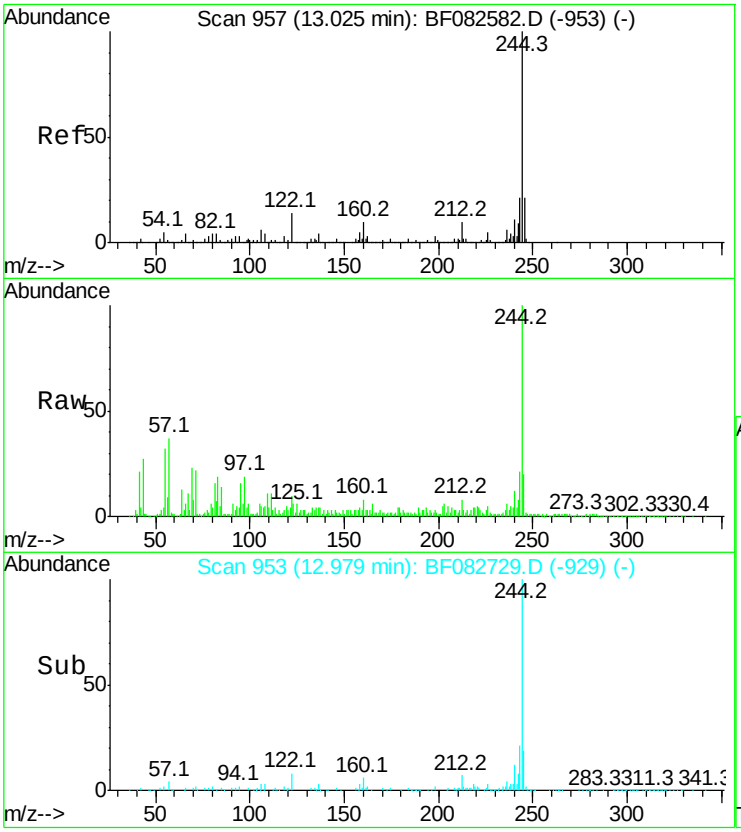


#77
Pyrene
Concen: 18.10 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.02 min
Lab File: BF082729.D
Acq: 5 Nov 2015 15:07

Tgt Ion:202 Resp: 470669

Ion	Ratio	Lower	Upper
202	100		
200	21.2	18.7	28.1
203	20.7	14.8	22.2



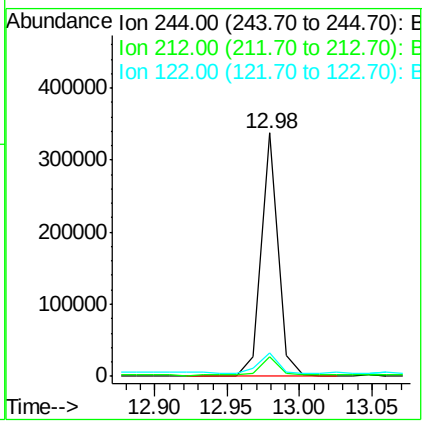


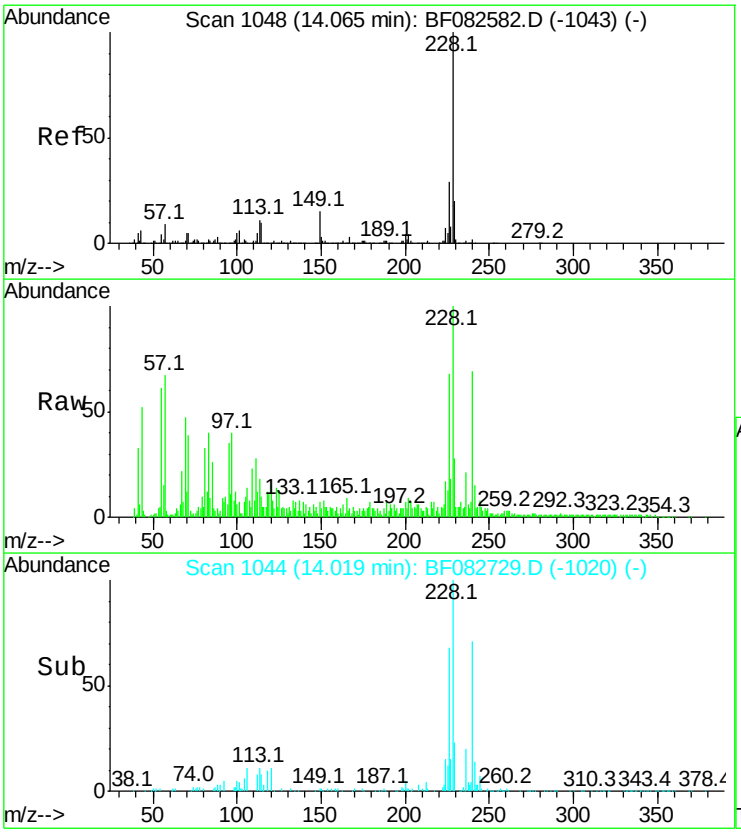
#78
Terphenyl-d14
Concen: 16.84 ng
RT: 12.98 min Scan# 953
Delta R.T. -0.02 min
Lab File: BF082729.D
Acq: 5 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :
TP-117(3)DL

Tgt Ion:244 Resp: 270241

Ion	Ratio	Lower	Upper
244	100		
212	7.8	7.6	11.4
122	9.6	11.3	16.9#

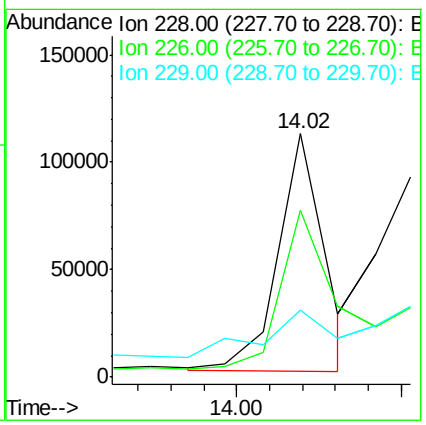


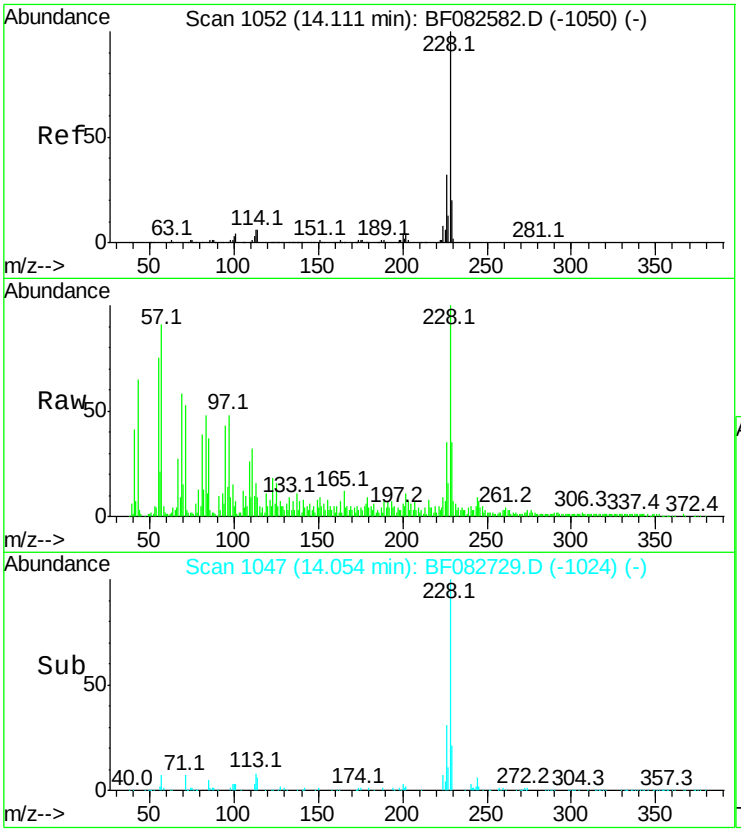


#80
Benzo(a)anthracene
Concen: 4.89 ng m
RT: 14.02 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF082729.D
Acq: 5 Nov 2015 15:07

Tgt Ion:228 Resp: 109008

Ion	Ratio	Lower	Upper
228	100		
226	68.3	23.4	35.2#
229	27.6	16.3	24.5#



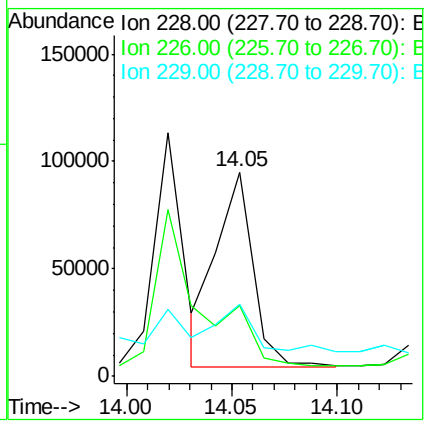


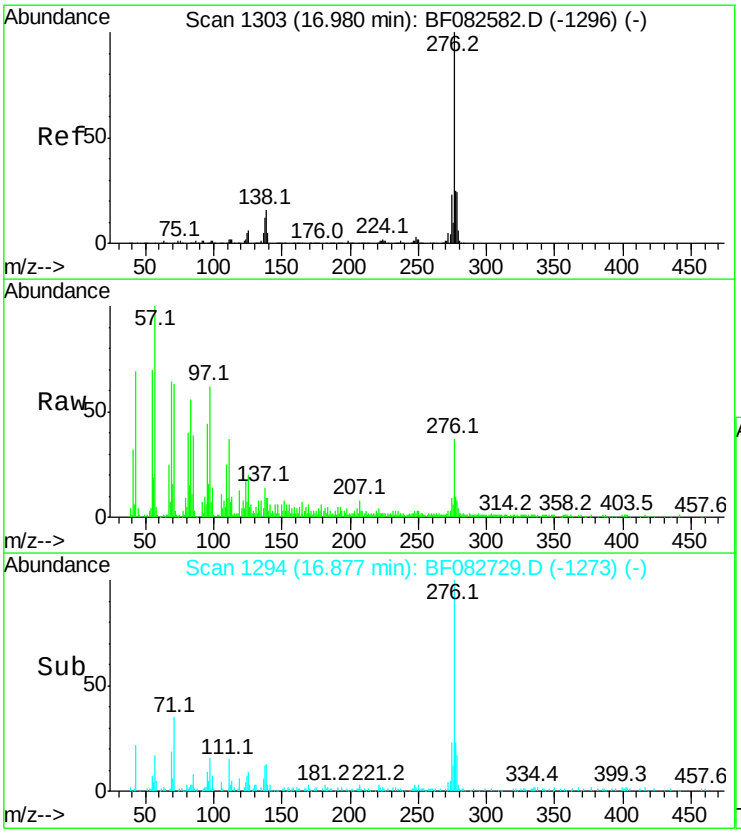
#82
Chrysene
Concen: 5.48 ng m
RT: 14.05 min Scan# 1047
Delta R.T. -0.03 min
Lab File: BF082729.D
Acq: 5 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :
TP-117(3)DL

Tgt Ion:228 Resp: 110775

Ion	Ratio	Lower	Upper
228	100		
226	34.7	25.5	38.3
229	35.4	16.3	24.5#

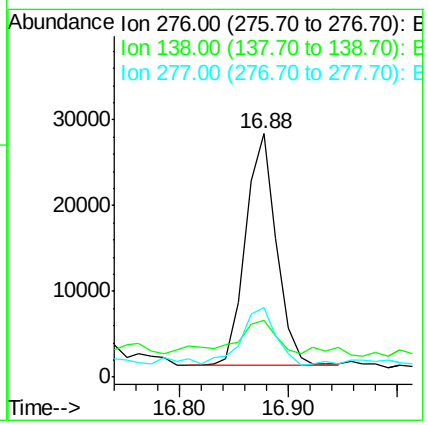


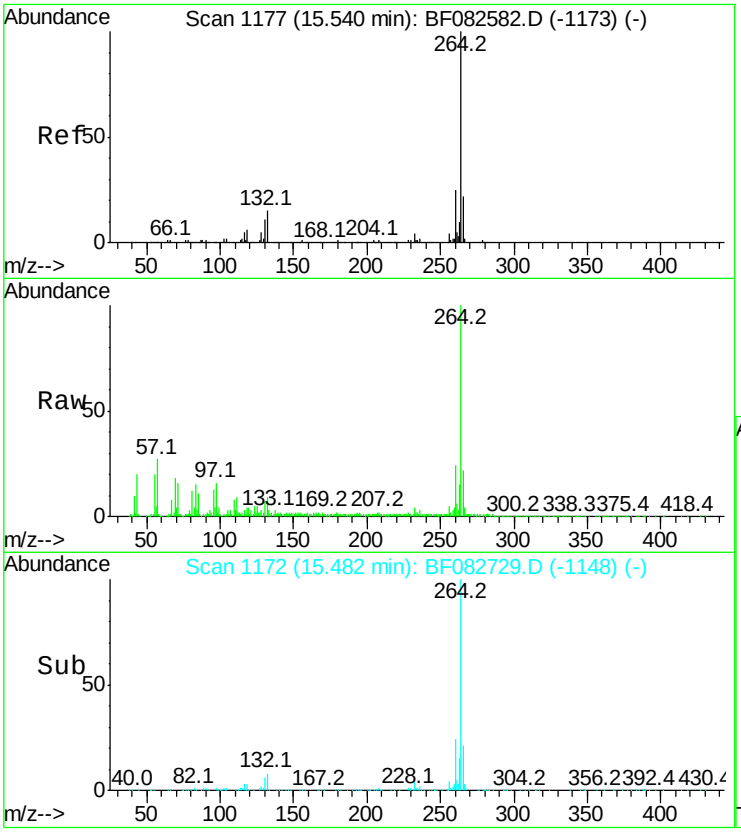


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.15 ng
RT: 16.88 min Scan# 1294
Delta R.T. -0.06 min
Lab File: BF082729.D
Acq: 5 Nov 2015 15:07

Tgt Ion:276 Resp: 52579

Ion	Ratio	Lower	Upper
276	100		
138	18.6	15.3	22.9
277	27.1	20.2	30.4



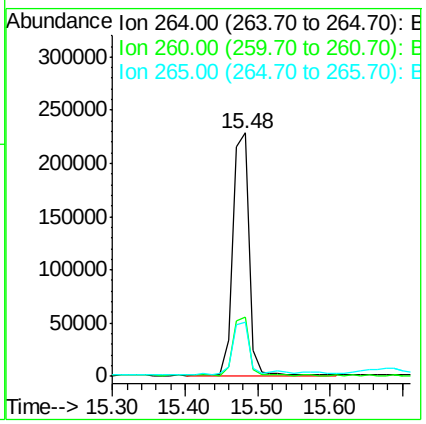


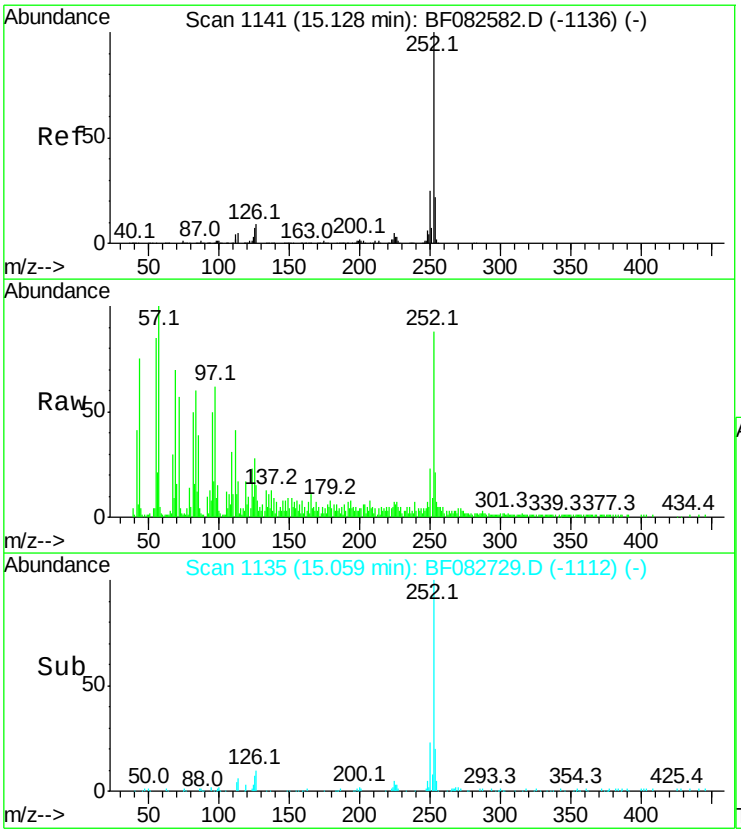
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF082729.D
Acq: 5 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :
TP-117(3)DL

Tgt Ion:264 Resp: 354565

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.6
265	22.1	17.4	26.0

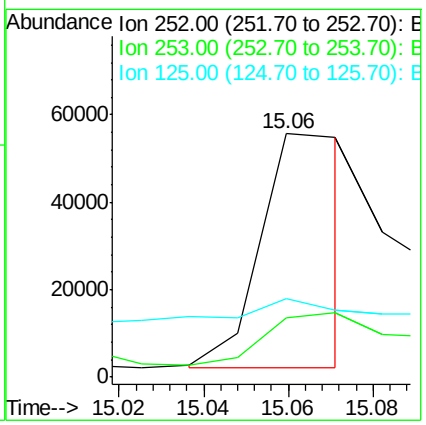


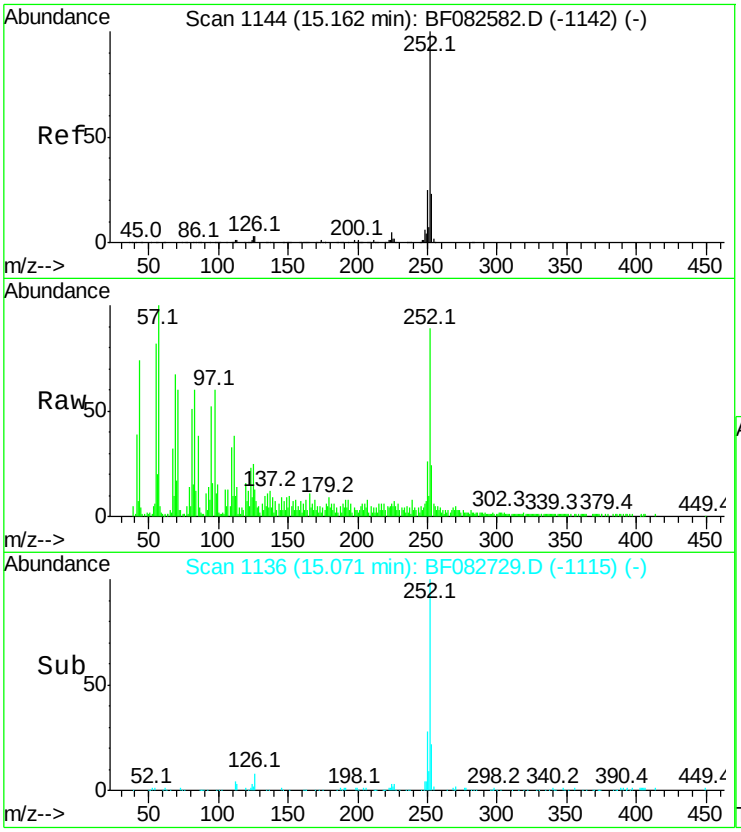


#87
Benzo(b)fluoranthene
Concen: 3.20 ng m
RT: 15.06 min Scan# 1135
Delta R.T. -0.03 min
Lab File: BF082729.D
Acq: 5 Nov 2015 15:07

Tgt Ion:252 Resp: 78161

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.8
125	32.4	5.4	8.2#



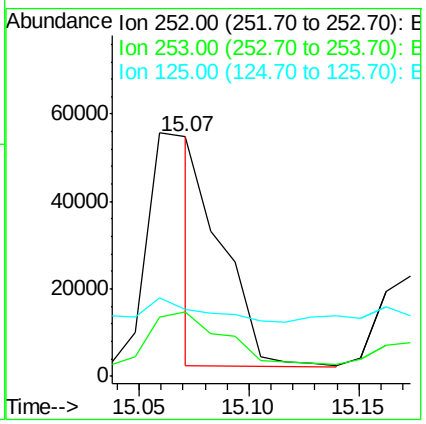


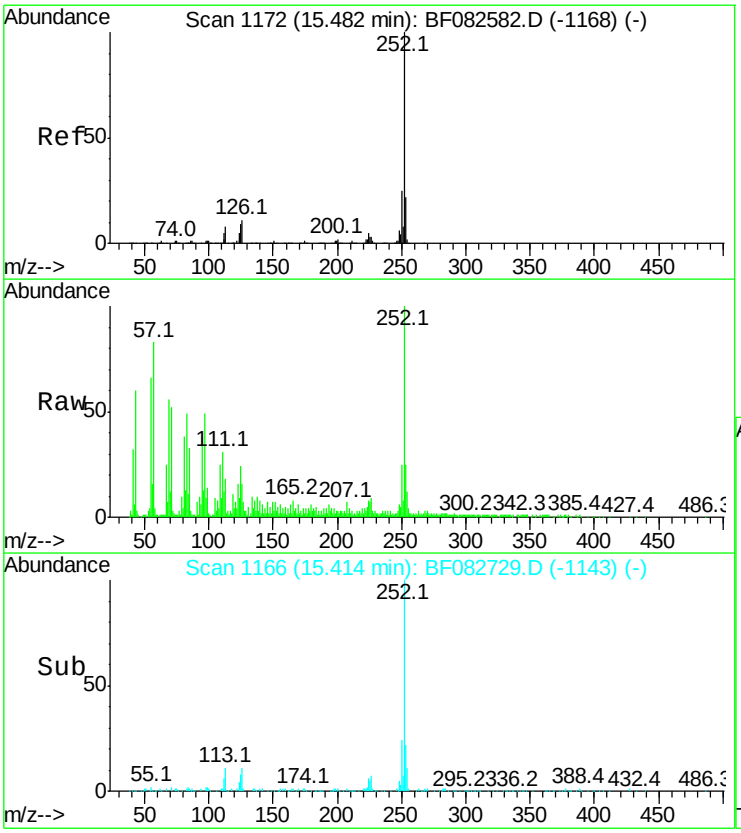
#88
Benzo(k)fluoranthene
Concen: 2.19 ng m
RT: 15.07 min Scan# 1136
Delta R.T. -0.06 min
Lab File: BF082729.D
Acq: 5 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :
TP-117(3)DL

Tgt Ion:252 Resp: 40868

Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.9	26.9
125	27.7	3.5	5.3#

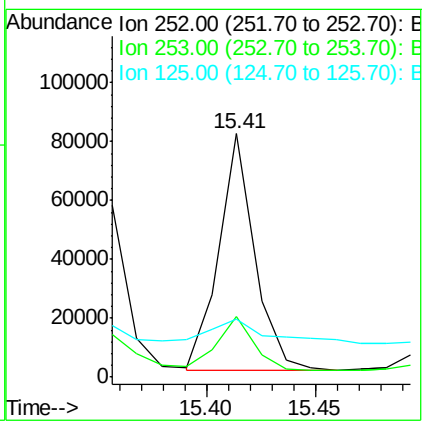


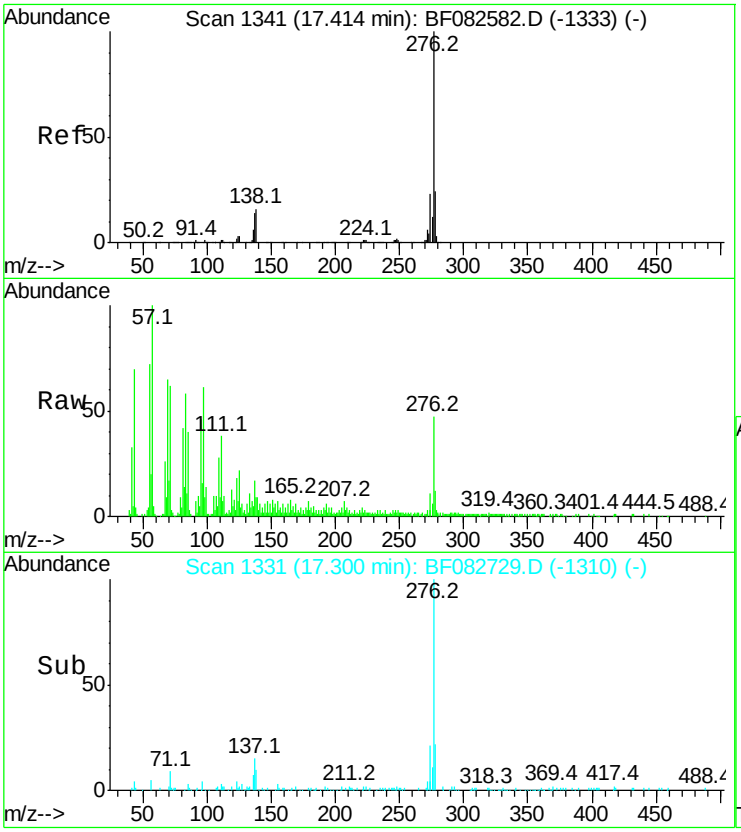


#89
Benzo(a)pyrene
Concen: 4.79 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF082729.D
Acq: 5 Nov 2015 15:07

Tgt Ion:252 Resp: 92250

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.3	25.9
125	23.6	7.1	10.7#





#91
Benzo(g,h,i)perylene
Concen: 3.91 ng
RT: 17.30 min Scan# 1331
Delta R.T. -0.06 min
Lab File: BF082729.D
Acq: 5 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :
TP-117(3)DL

Tgt Ion:276 Resp: 68160

Ion	Ratio	Lower	Upper
276	100		
277	25.6	19.2	28.8
138	19.7	13.1	19.7#