Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030816\
Data File : BF085291.D
Acq On : 9 Mar 2016 7:54
Operator : UM/SJ
Sample : H1712-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 09 09:59:53 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	151622	20.00	ng		-0.02
21) Naphthalene-d8	8.24	136	478506	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	206952	20.00	ng		-0.02
63) Phenanthrene-d10	11.49	188	335173	20.00	ng		-0.02
75) Chrysene-d12	14.12	240	277121	20.00	ng		-0.03
86) Perylene-d12	15.59	264	294774	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1410495	156.04	ng		0.00
7) Phenol-d6	6.60	99	1740555	146.97	ng		-0.01
23) Nitrobenzene-d5	7.52	82	954455	106.74	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	259813	146.72	ng		-0.02
44) 2-Fluorobiphenyl	9.33	172	1297393	95.34	ng		-0.02
78) Terphenyl-d14	13.06	244	875663	73.35	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.73	77	29940	2.50	ng		84
15) Benzyl Alcohol	7.12	79	17427	2.00	ng	#	45
19) n-Nitroso-di-n-propylamine	7.52	70	123598	16.01	ng	#	79
25) Isophorone	7.52	82	820349	49.50	ng	#	67
49) Dimethylphthalate	9.72	163	230391	14.50	ng		99
56) 2,4-Dinitrotoluene	10.00	165	26351	6.06	ng	#	22
66) 4-Bromophenyl-phenylether	10.79	248	19241	5.91	ng	#	1
70) Phenanthrene	11.51	178	106169	6.04	ng		96
74) Fluoranthene	12.70	202	208032	11.80	ng		96
77) Pyrene	12.93	202	185293	8.88	ng		96
80) Benzo(a)anthracene	14.11	228	109871	6.62	ng		99
82) Chrysene	14.11	228	109871	7.17	ng		96
85) Indeno(1,2,3-cd)pyrene	17.04	276	51550	4.31	ng		94
87) Benzo(b)fluoranthene	15.16	252	175843	8.95	ng		99
88) Benzo(k)fluoranthene	15.16	252	175843	11.10	ng		98
89) Benzo(a)pyrene	15.52	252	86958	5.34	ng	#	94
91) Benzo(g,h,i)perylene	17.49	276	51129	3.66	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030816\
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Quant Time: Mar 09 09:59:53 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
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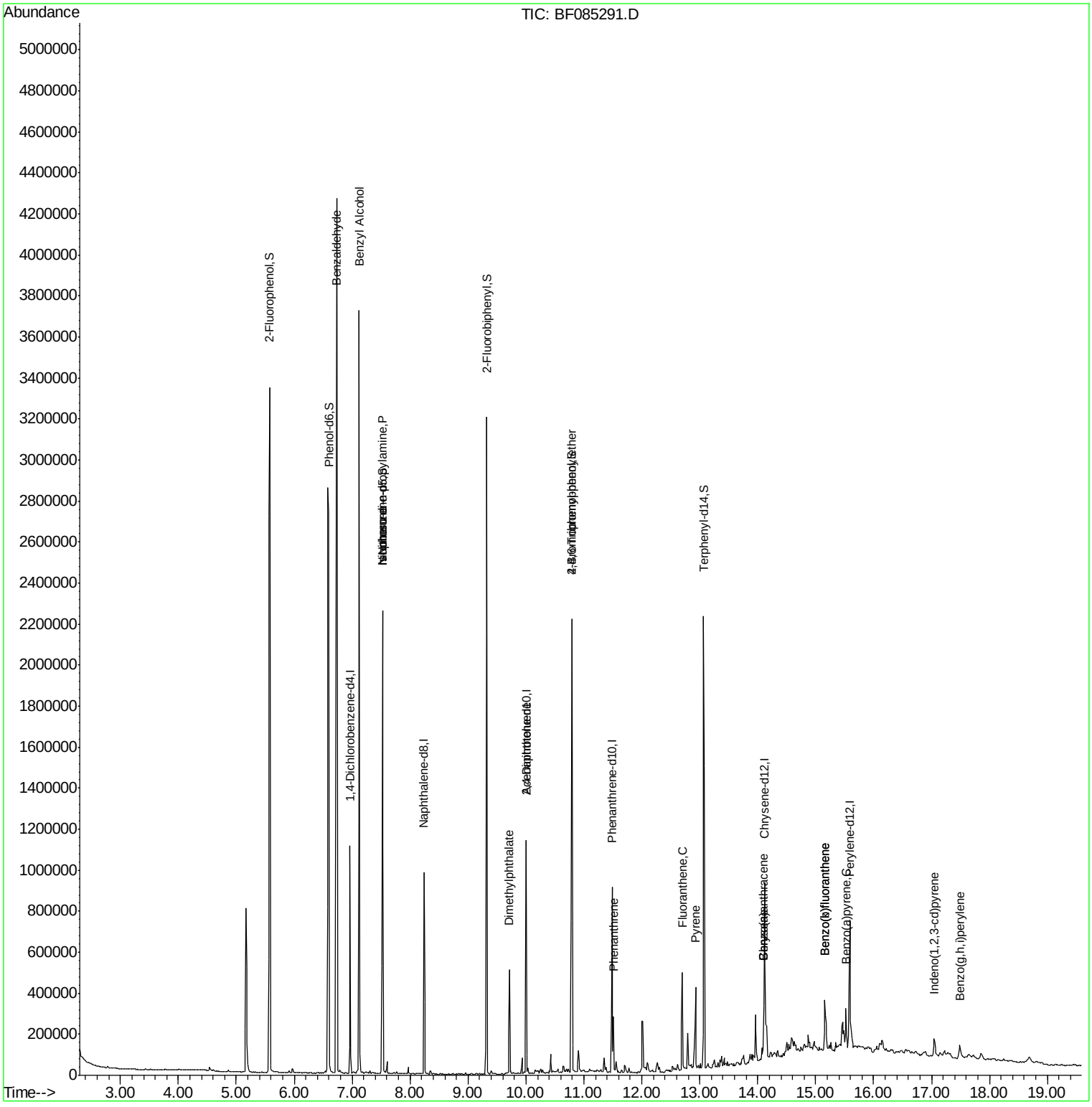
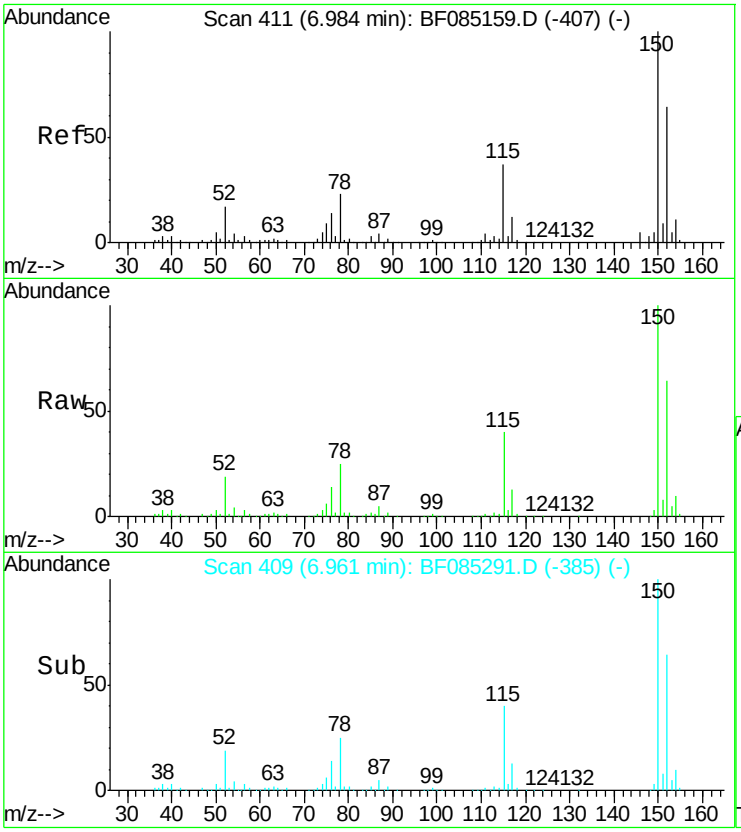


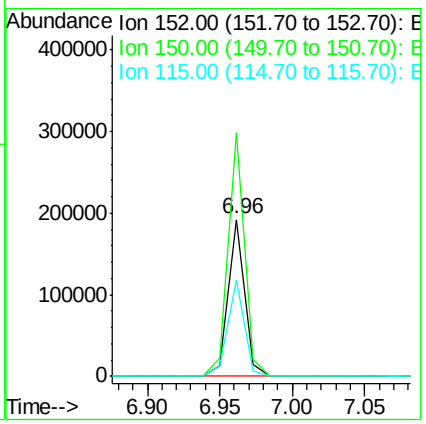


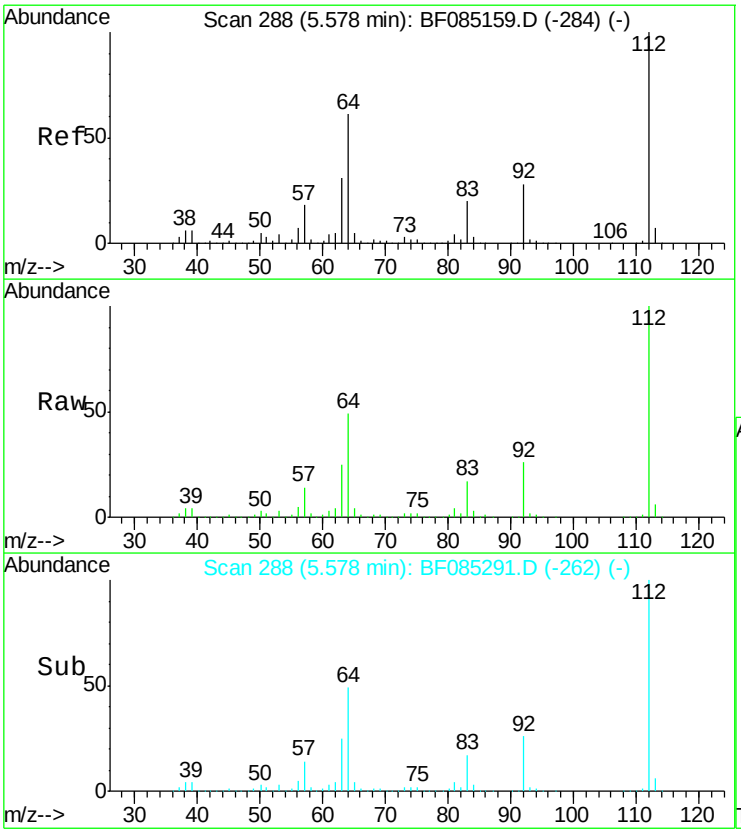
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.96 min Scan# 409
Delta R.T. -0.02 min
Lab File: BF085291.D
Acq: 9 Mar 2016 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 151622

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	61.8	46.6	70.0

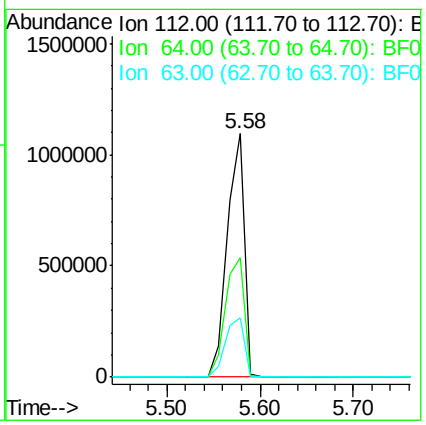


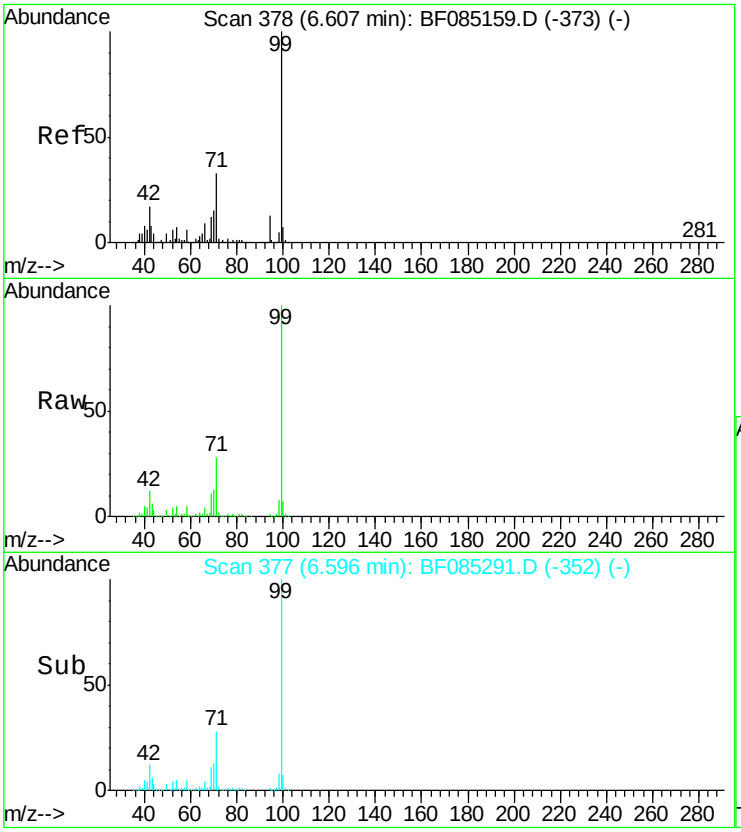


#5
2-Fluorophenol
Concen: 156.04 ng
RT: 5.58 min Scan# 288
Delta R.T. 0.00 min
Lab File: BF085291.D
Acq: 9 Mar 2016 7:54

Tgt Ion:112 Resp: 1410495

Ion	Ratio	Lower	Upper
112	100		
64	48.9	49.0	73.4#
63	24.6	24.8	37.2#



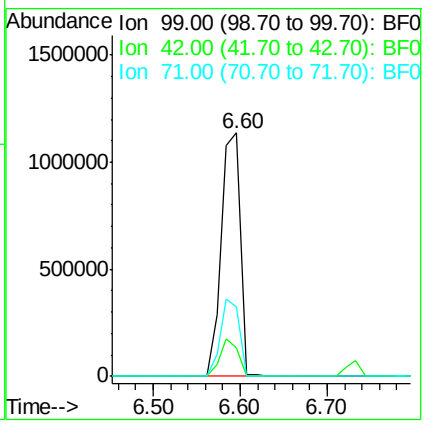


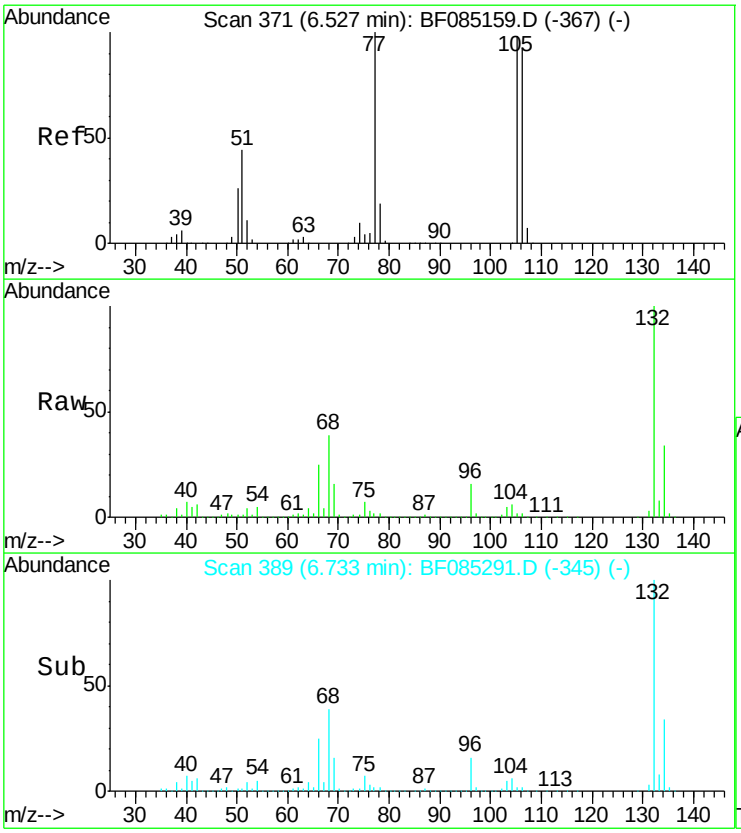
#7
Phenol-d6
Concen: 146.97 ng
RT: 6.60 min Scan# 377
Delta R.T. -0.01 min
Lab File: BF085291.D
Acq: 9 Mar 2016 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1740555

Ion	Ratio	Lower	Upper
99	100		
42	11.7	13.6	20.4#
71	28.3	26.7	40.1

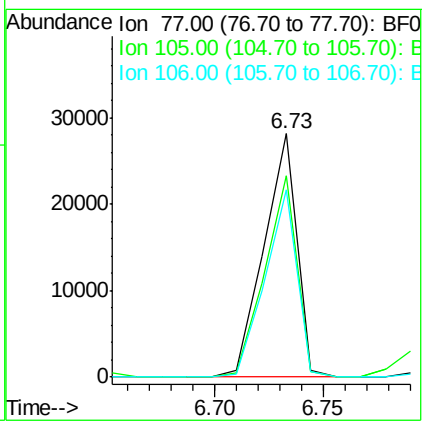


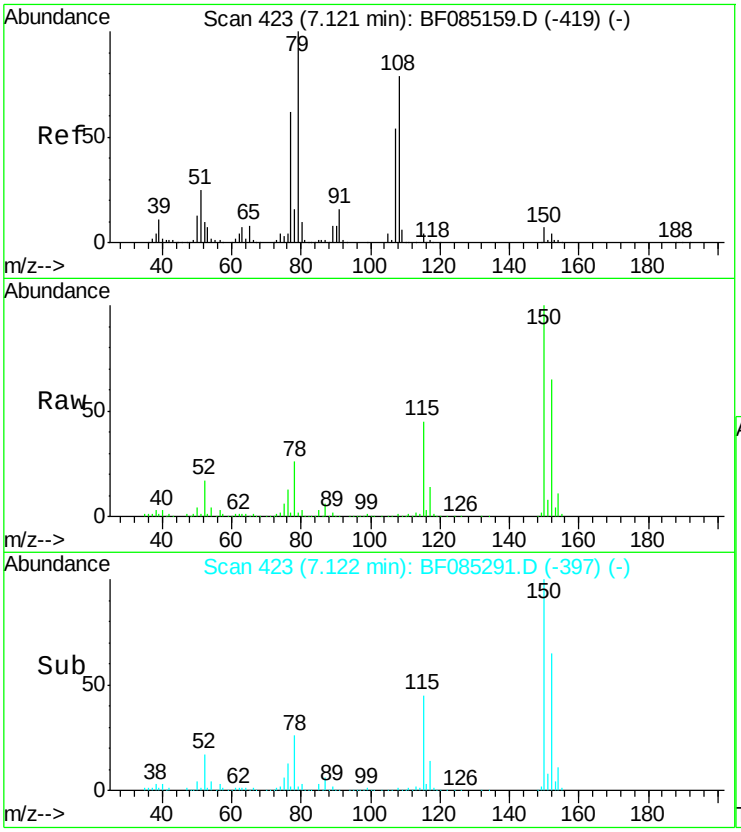


#9
Benzaldehyde
Concen: 2.50 ng
RT: 6.73 min Scan# 389
Delta R.T. 0.21 min
Lab File: BF085291.D
Acq: 9 Mar 2016 7:54

Tgt Ion: 77 Resp: 29940

Ion	Ratio	Lower	Upper
77	100		
105	82.7	78.2	118.2
106	76.7	72.9	112.9



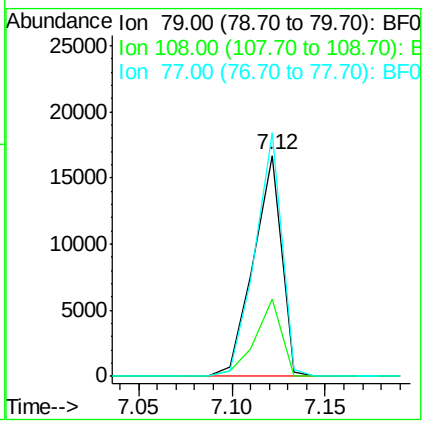


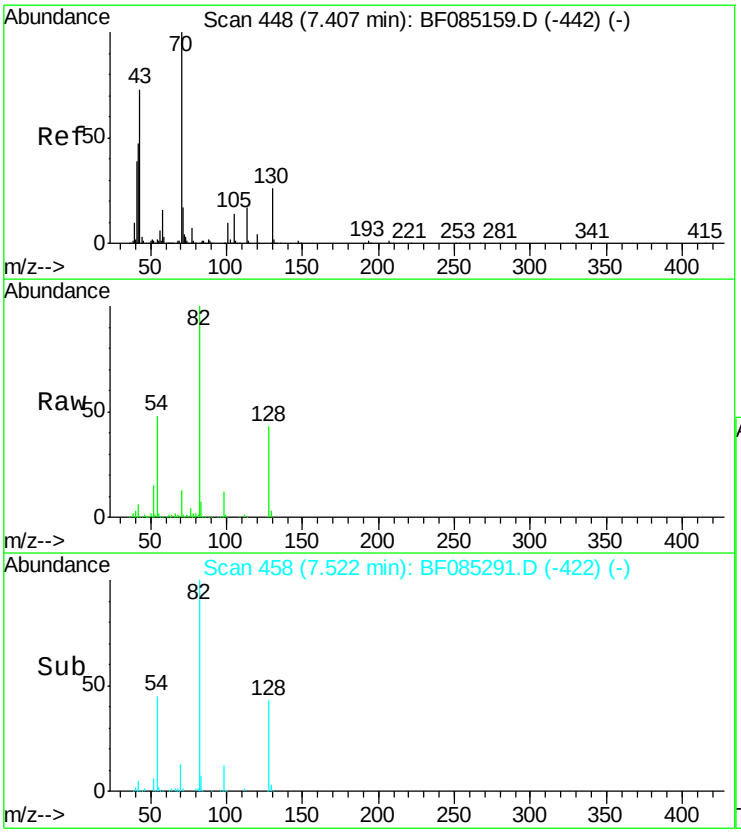
#15
Benzyl Alcohol
Concen: 2.00 ng
RT: 7.12 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF085291.D
Acq: 9 Mar 2016 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 17427

Ion	Ratio	Lower	Upper
79	100		
108	35.3	62.9	94.3#
77	110.3	49.5	74.3#

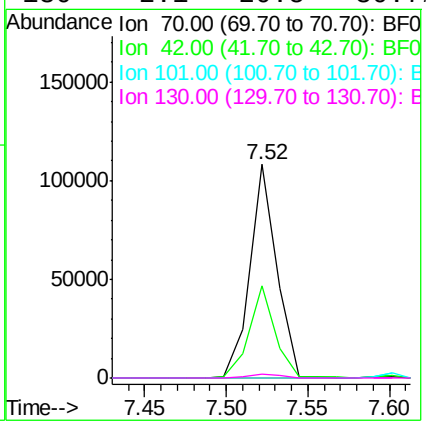


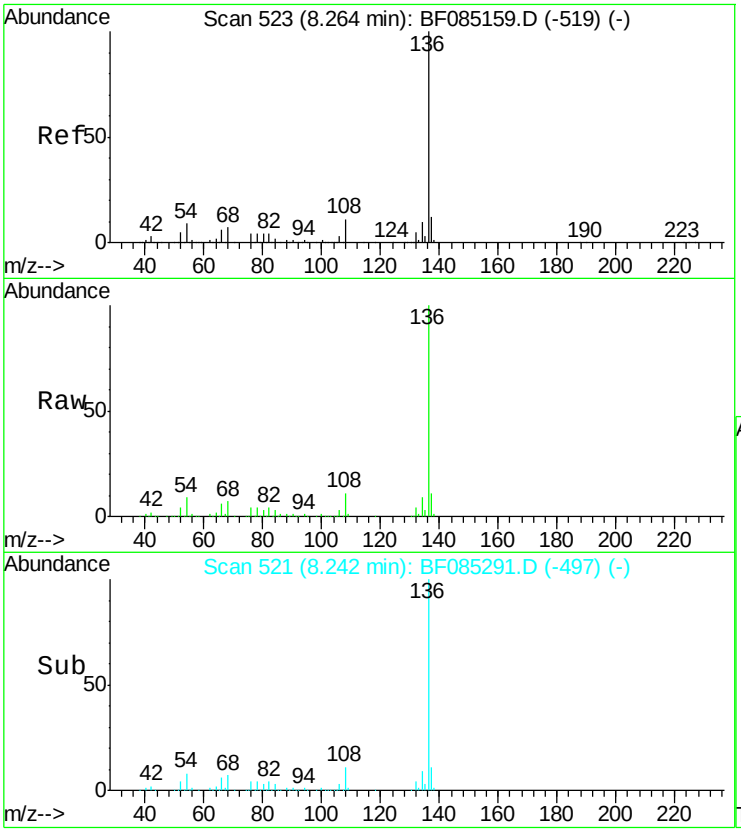


#19
n-Nitroso-di-n-propylamine
Concen: 16.01 ng
RT: 7.52 min Scan# 458
Delta R.T. 0.11 min
Lab File: BF085291.D
Acq: 9 Mar 2016 7:54

Tgt Ion: 70 Resp: 123598

Ion	Ratio	Lower	Upper
70	100		
42	43.1	37.7	56.5
101	0.0	8.2	12.4#
130	2.1	20.5	30.7#



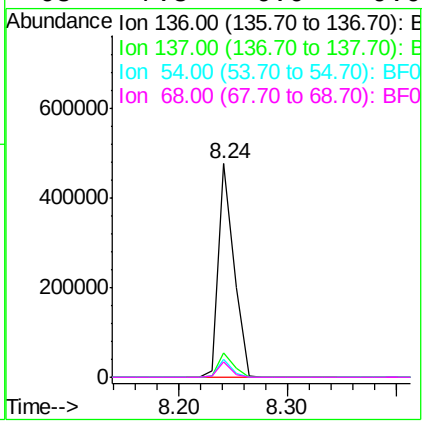


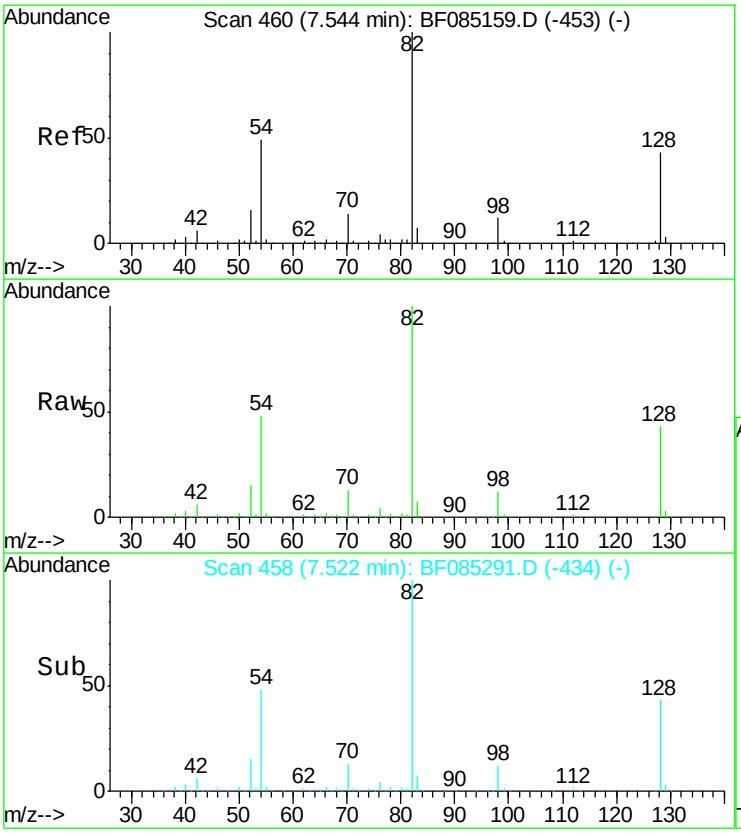
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF085291.D
Acq: 9 Mar 2016 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 478506

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	8.6	7.4	11.2
68	7.3	6.0	9.0

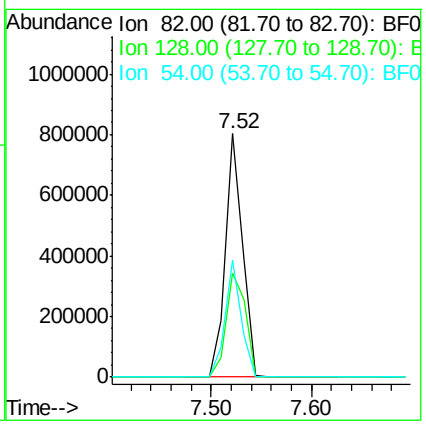


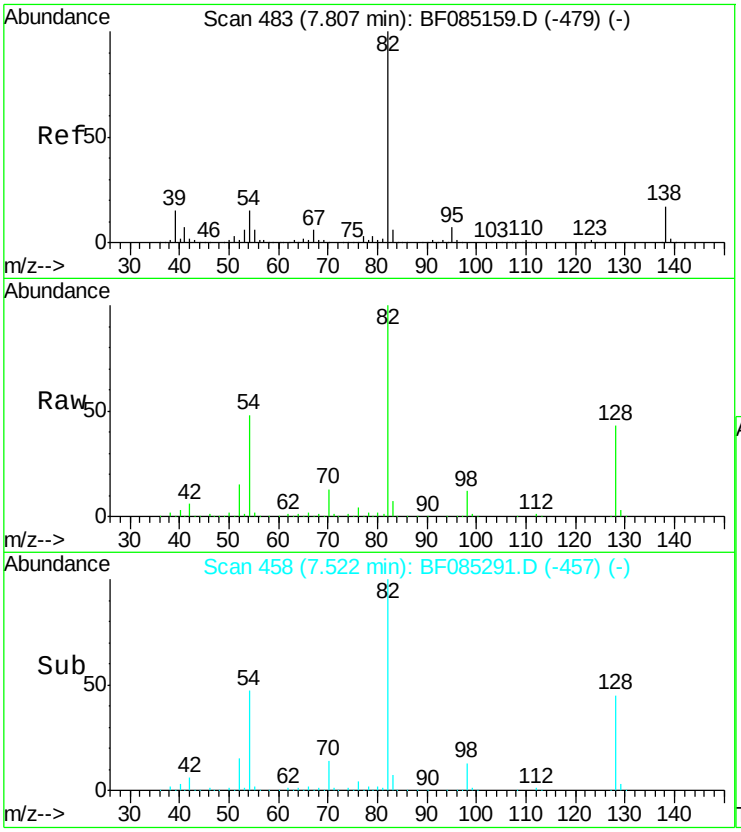


#23
Nitrobenzene-d5
Concen: 106.74 ng
RT: 7.52 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF085291.D
Acq: 9 Mar 2016 7:54

Tgt Ion: 82 Resp: 954455

Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.5	51.7
54	47.8	39.3	58.9



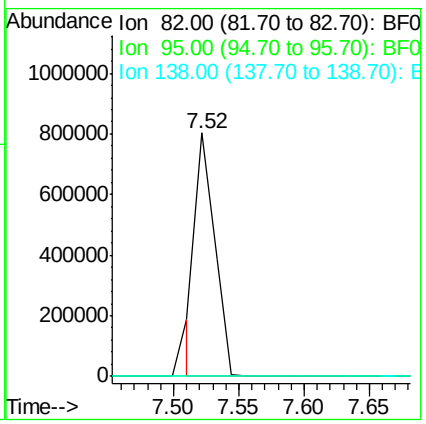


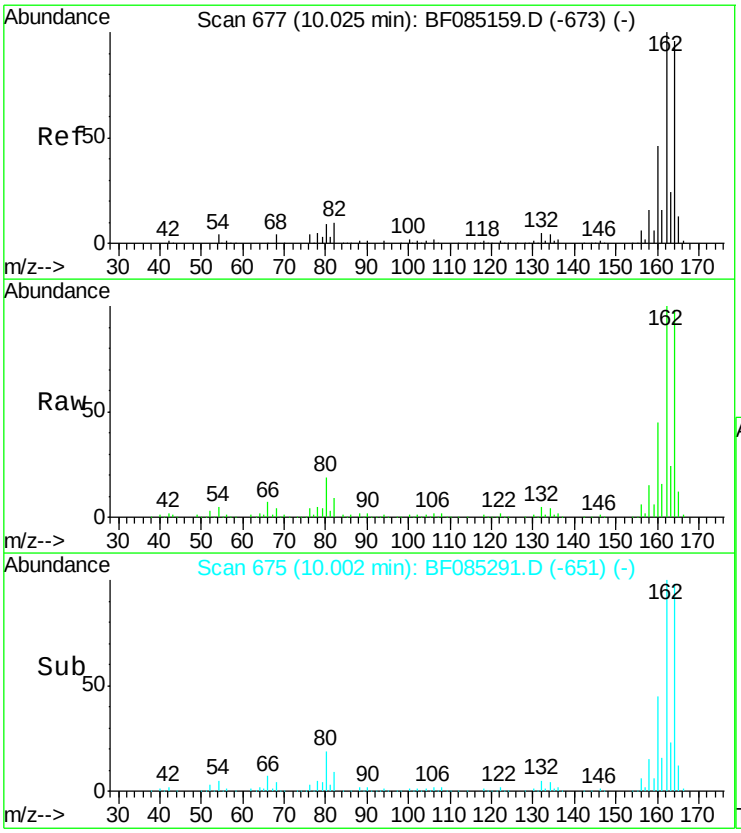
#25
Isophorone
Concen: 49.50 ng
RT: 7.52 min Scan# 458
Delta R.T. -0.29 min
Lab File: BF085291.D
Acq: 9 Mar 2016 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 820349

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	13.3	19.9#

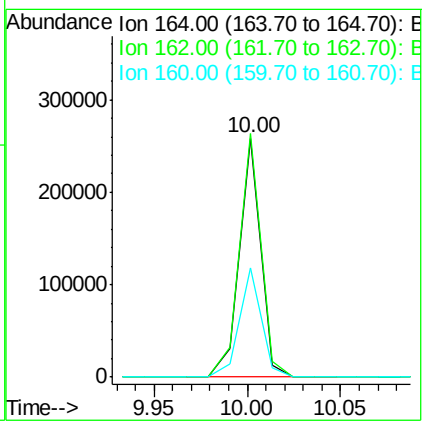


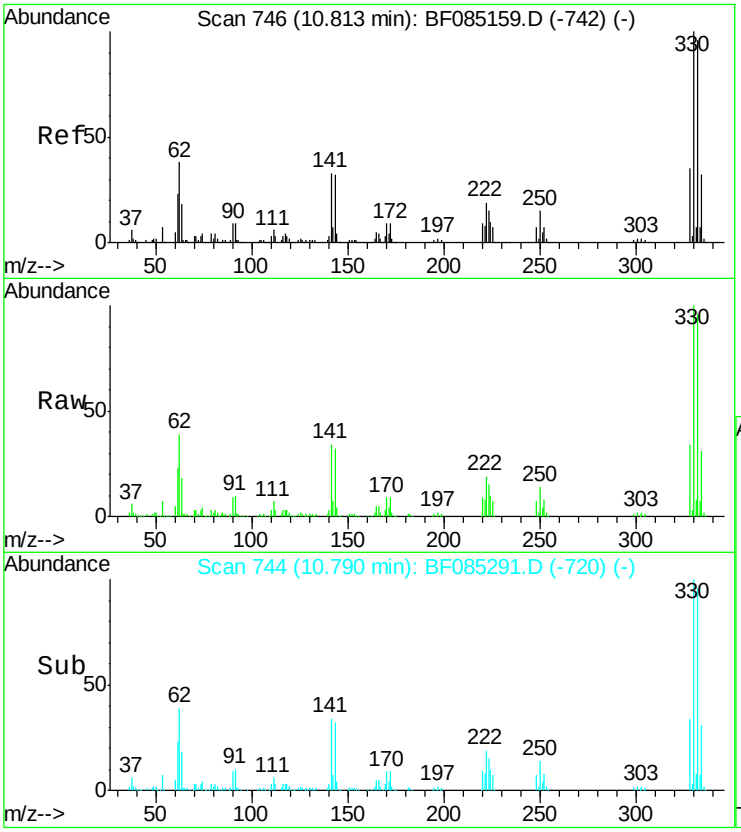


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF085291.D
Acq: 9 Mar 2016 7:54

Tgt Ion:164 Resp: 206952

Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.3	124.9
160	45.8	37.9	56.9



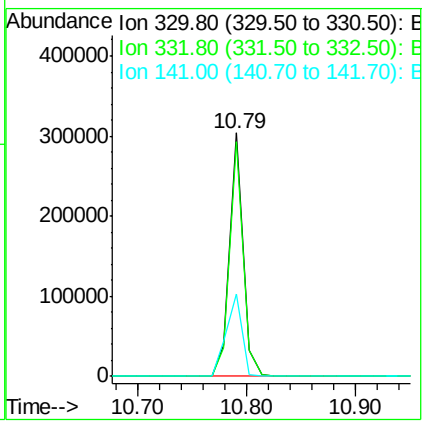


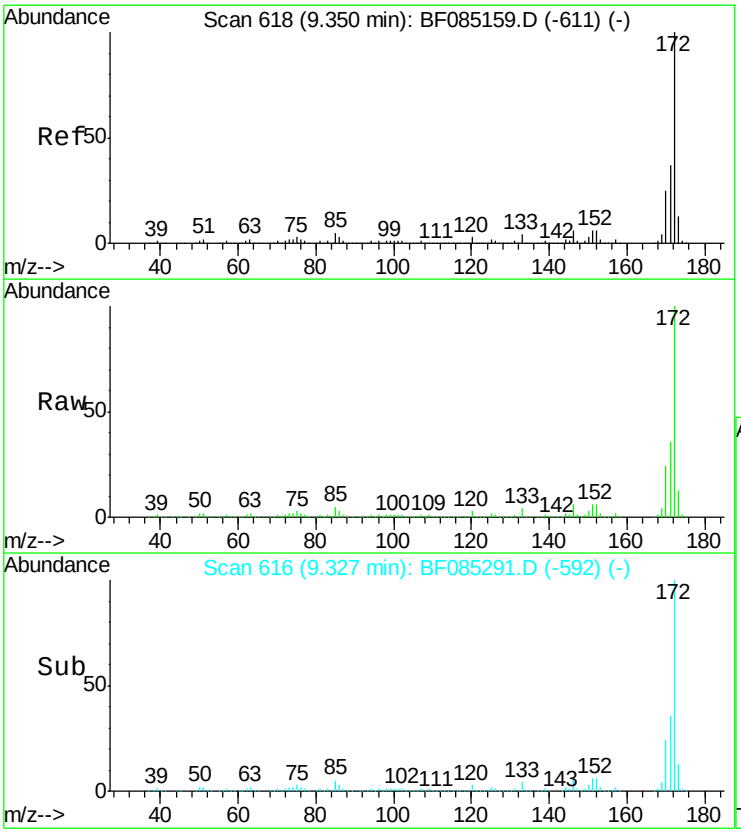
#41
2,4,6-Tribromophenol
Concen: 146.72 ng
RT: 10.79 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF085291.D
Acq: 9 Mar 2016 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 259813

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	40.2	35.0	52.6

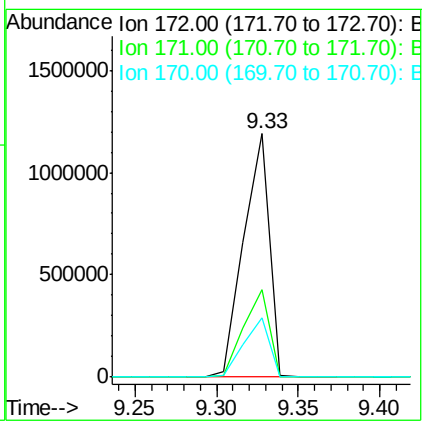


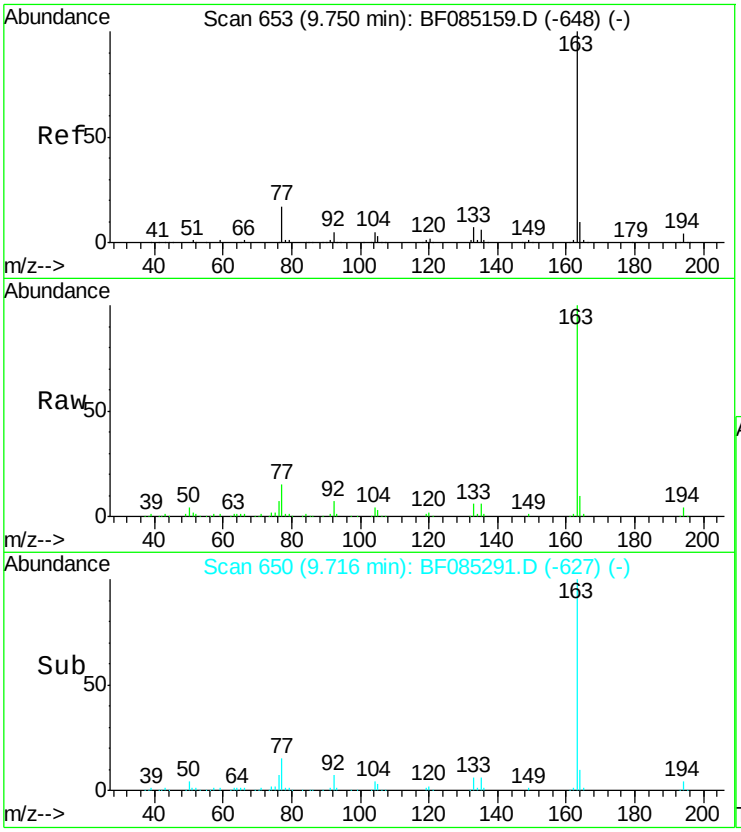


#44
2-Fluorobiphenyl
Concen: 95.34 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF085291.D
Acq: 9 Mar 2016 7:54

Tgt Ion:172 Resp: 1297393

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.3	43.9
170	24.4	20.0	30.0



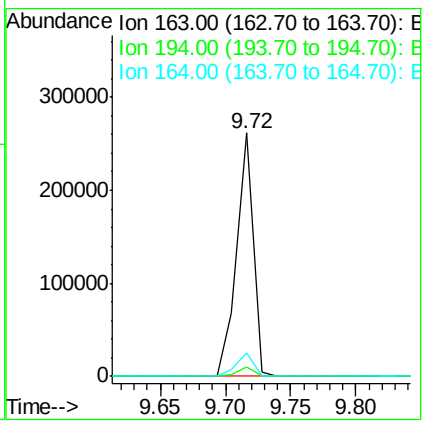


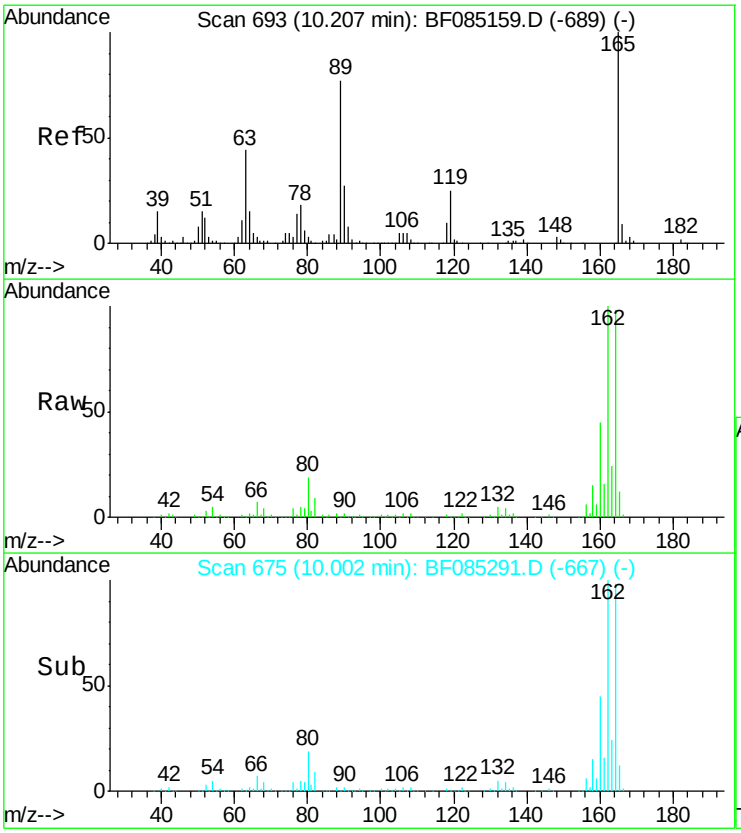
#49
Dimethylphthalate
Concen: 14.50 ng
RT: 9.72 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF085291.D
Acq: 9 Mar 2016 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 230391

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	9.8	8.2	12.4

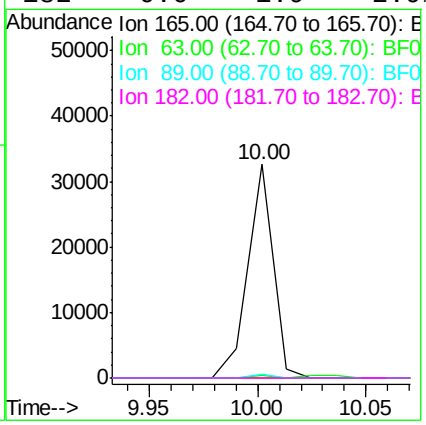


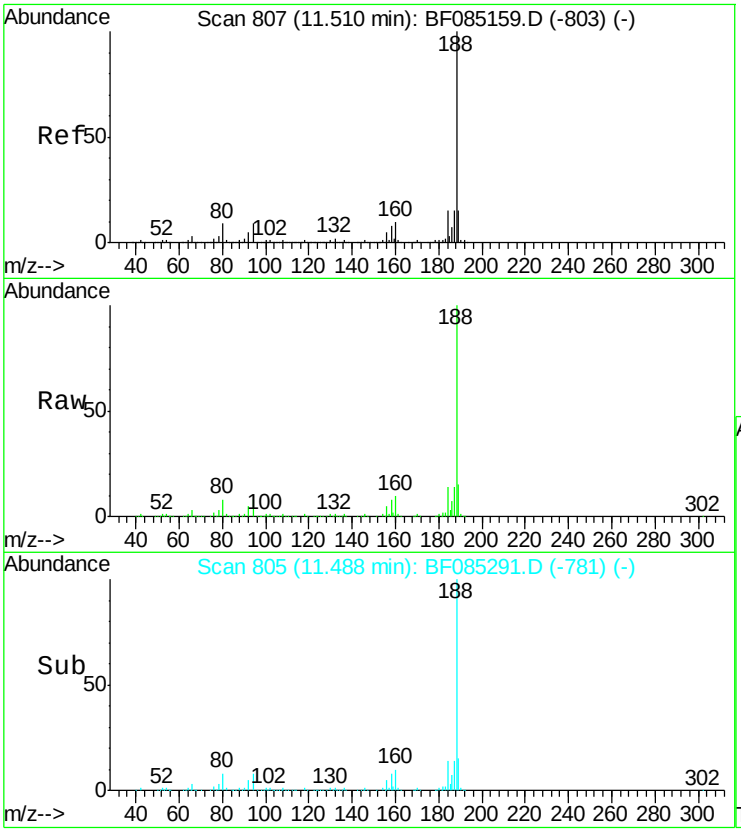


#56
2,4-Dinitrotoluene
Concen: 6.06 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.21 min
Lab File: BF085291.D
Acq: 9 Mar 2016 7:54

Tgt Ion:165 Resp: 26351

Ion	Ratio	Lower	Upper
165	100		
63	1.2	35.4	53.0#
89	1.6	61.9	92.9#
182	0.0	1.9	2.9#



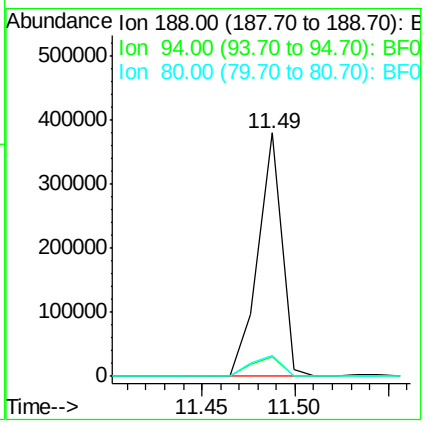


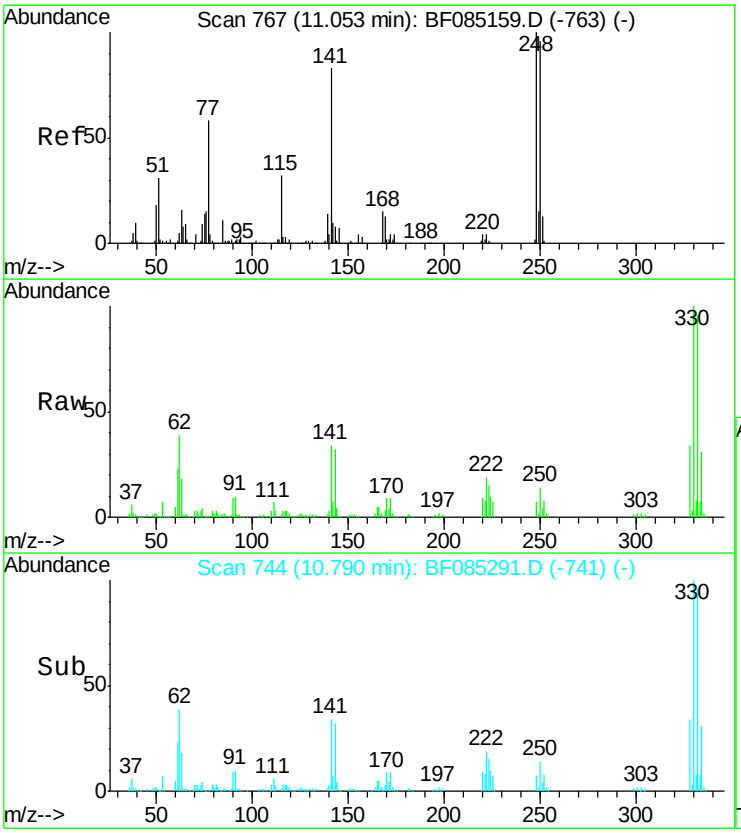
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF085291.D
Acq: 9 Mar 2016 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 335173

Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.0	10.6
80	8.4	7.4	11.0

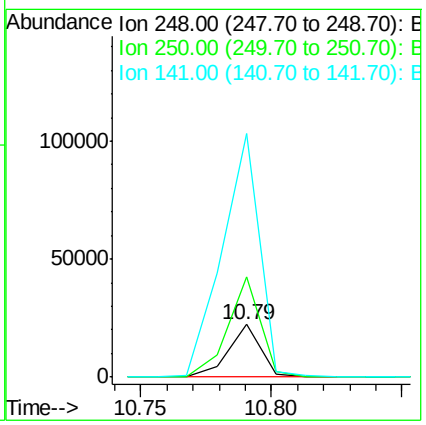


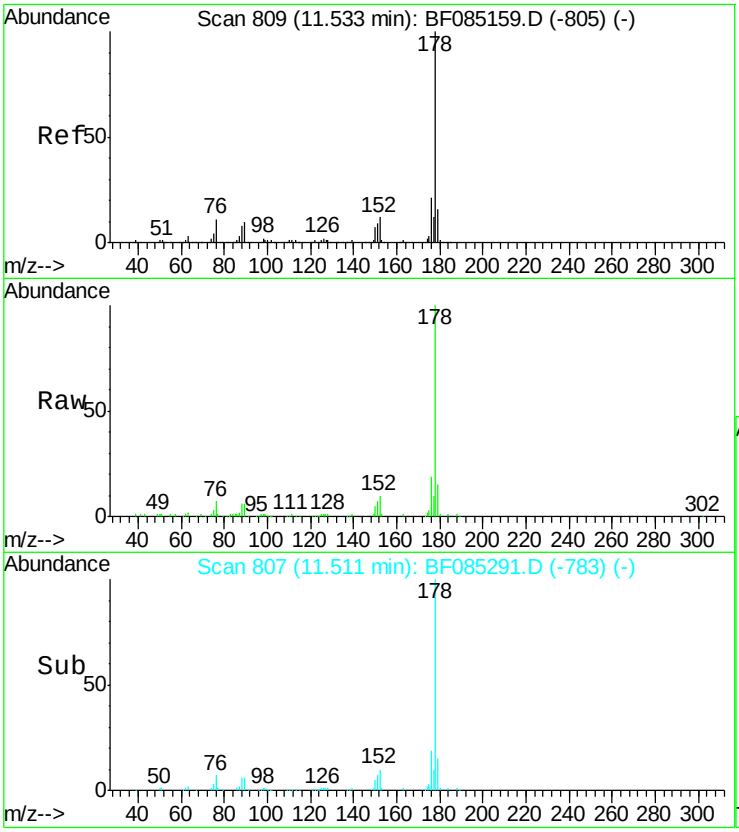


#66
4-Bromophenyl-phenylether
Concen: 5.91 ng
RT: 10.79 min Scan# 744
Delta R.T. -0.26 min
Lab File: BF085291.D
Acq: 9 Mar 2016 7:54

Tgt Ion:248 Resp: 19241

Ion	Ratio	Lower	Upper
248	100		
250	192.0	77.1	115.7#
141	464.9	66.2	99.2#

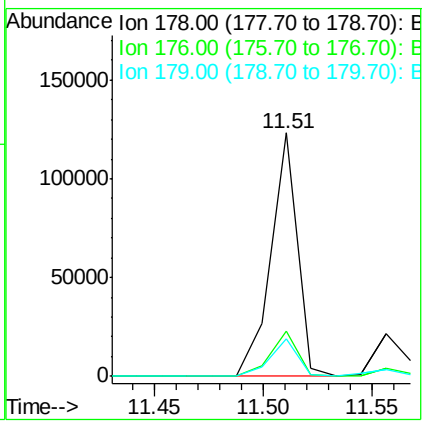




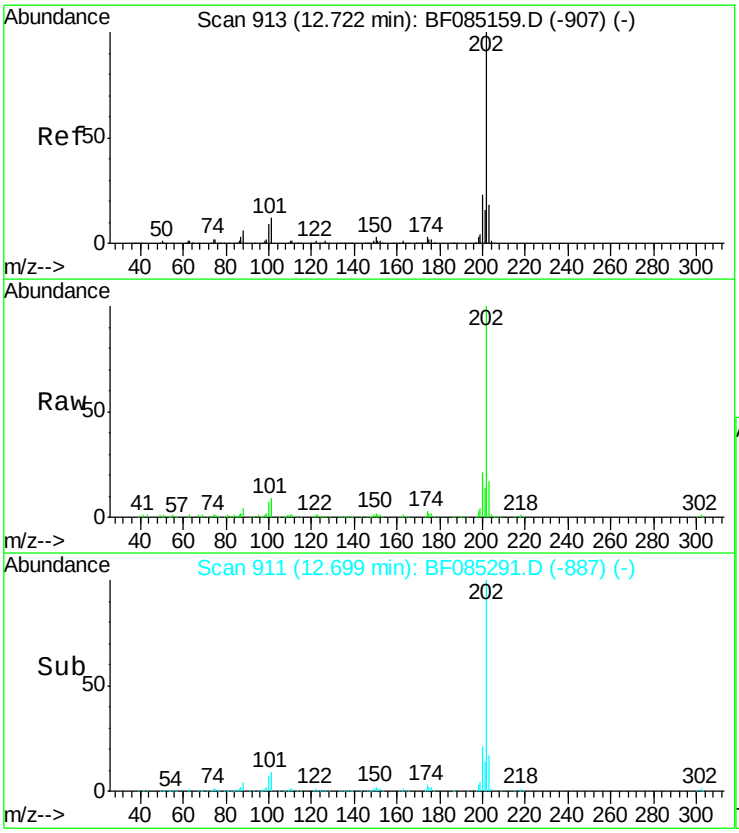
#70
Phenanthrene
Concen: 6.04 ng
RT: 11.51 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF085291.D
Acq: 9 Mar 2016 7:54

Tgt Ion:178 Resp: 106169

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.8	25.2
179	15.4	13.1	19.7



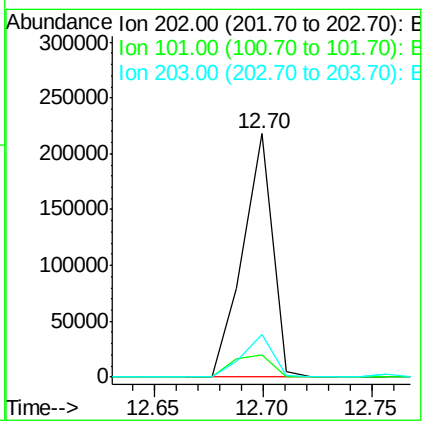
Instrument :
BNA_F
ClientSampleId :

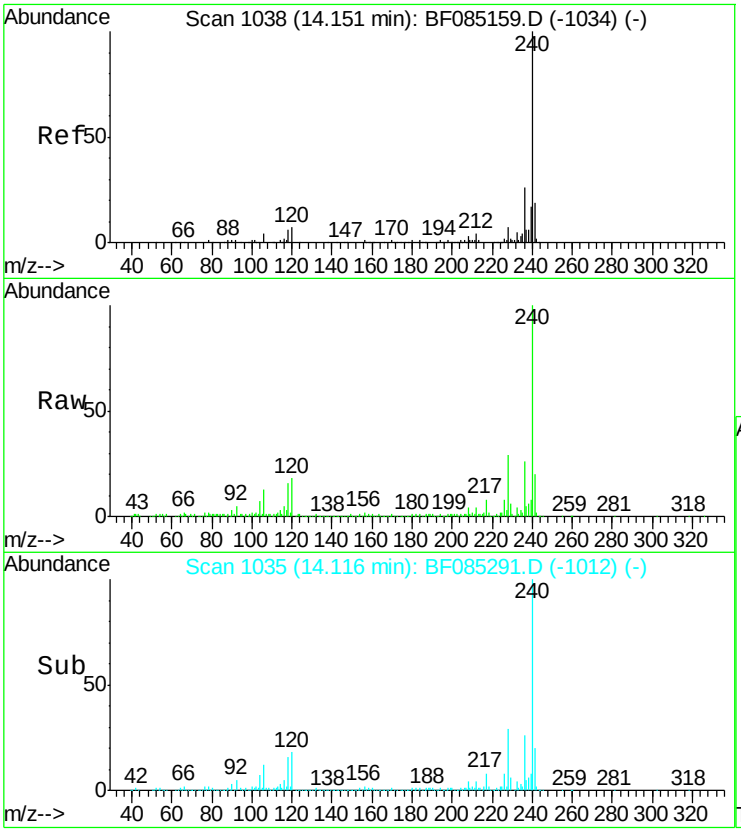


#74
Fluoranthene
Concen: 11.80 ng
RT: 12.70 min Scan# 911
Delta R.T. -0.02 min
Lab File: BF085291.D
Acq: 9 Mar 2016 7:54

Tgt Ion:202 Resp: 208032

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	31.8
203	17.3	0.0	38.4



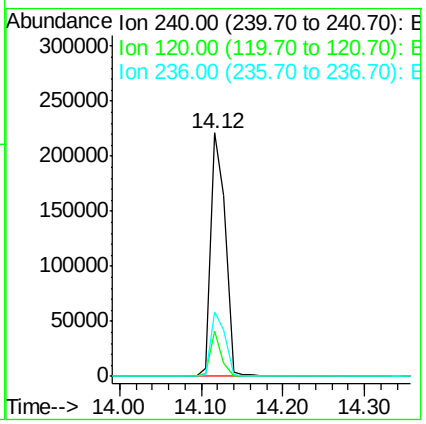


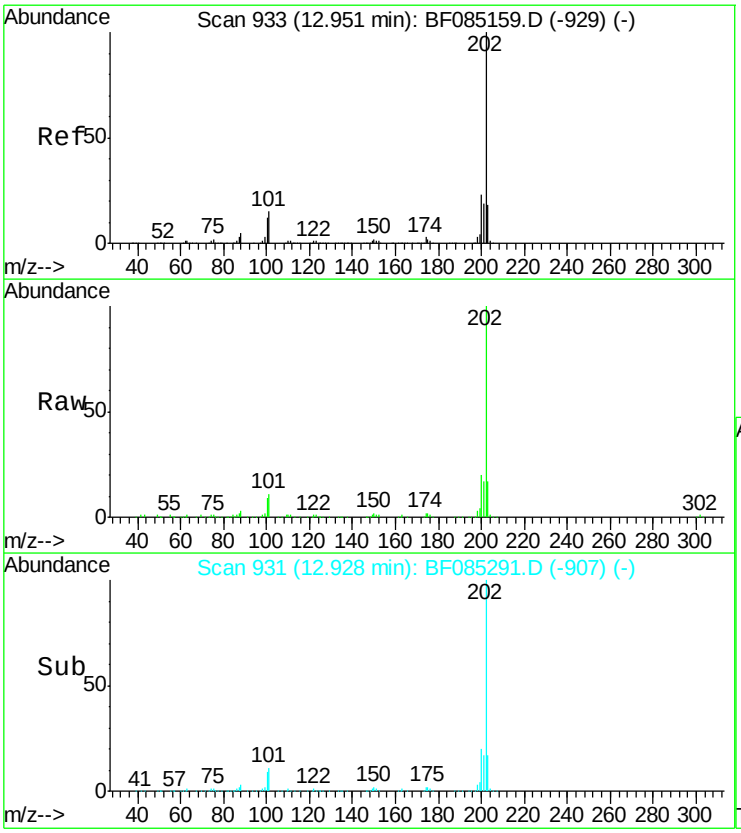
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF085291.D
Acq: 9 Mar 2016 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 277121

Ion	Ratio	Lower	Upper
240	100		
120	18.4	5.3	7.9#
236	26.3	20.7	31.1

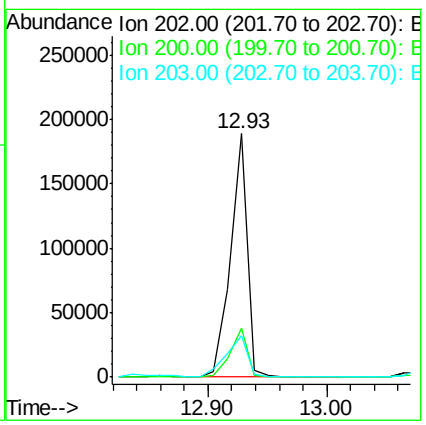


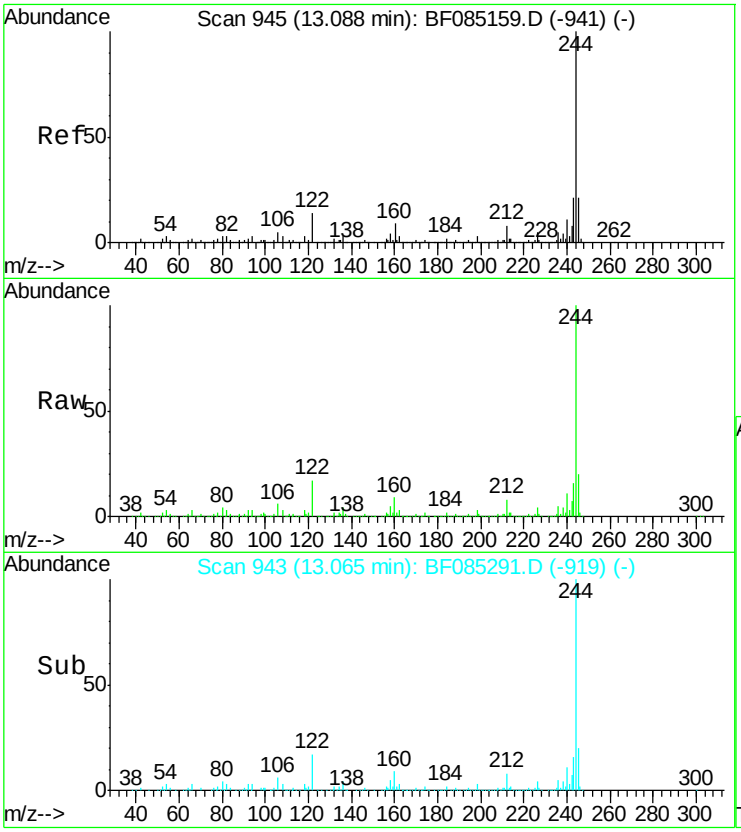


#77
Pyrene
Concen: 8.88 ng
RT: 12.93 min Scan# 931
Delta R.T. -0.02 min
Lab File: BF085291.D
Acq: 9 Mar 2016 7:54

Tgt Ion:202 Resp: 185293

Ion	Ratio	Lower	Upper
202	100		
200	20.3	18.2	27.4
203	17.2	14.7	22.1



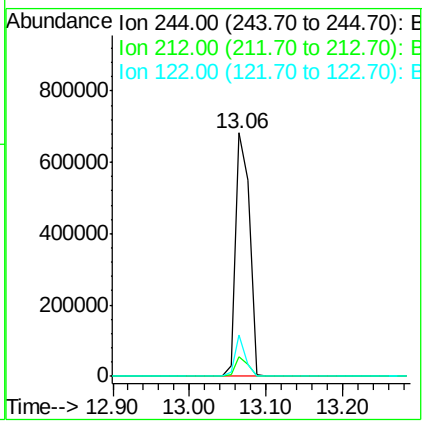


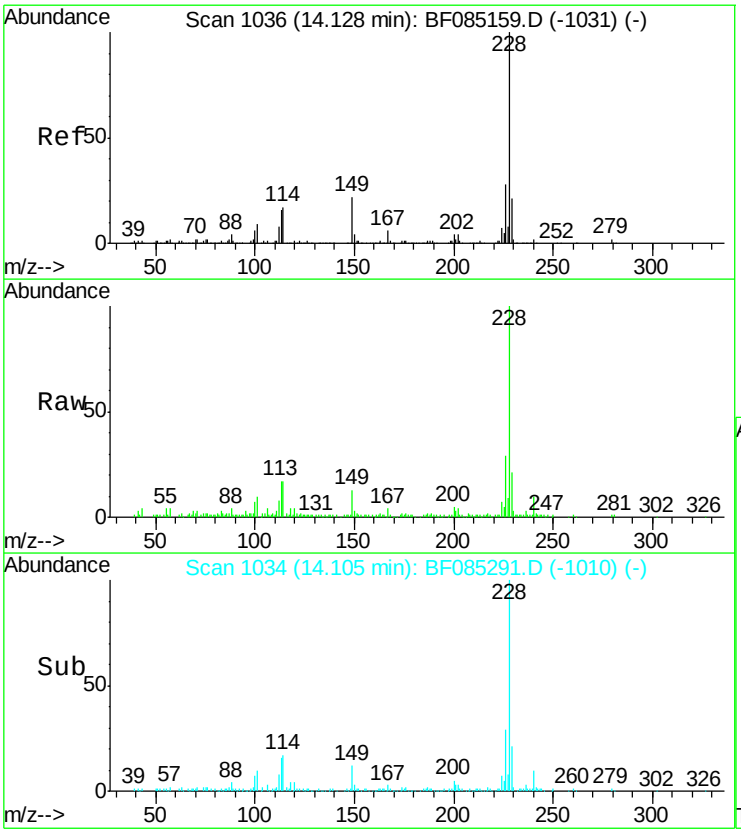
#78
Terphenyl-d14
Concen: 73.35 ng
RT: 13.06 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF085291.D
Acq: 9 Mar 2016 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 875663

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	17.2	11.4	17.2#

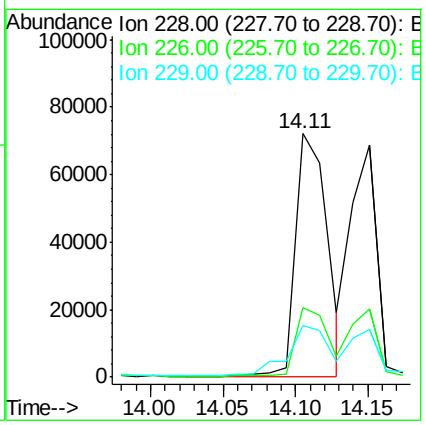


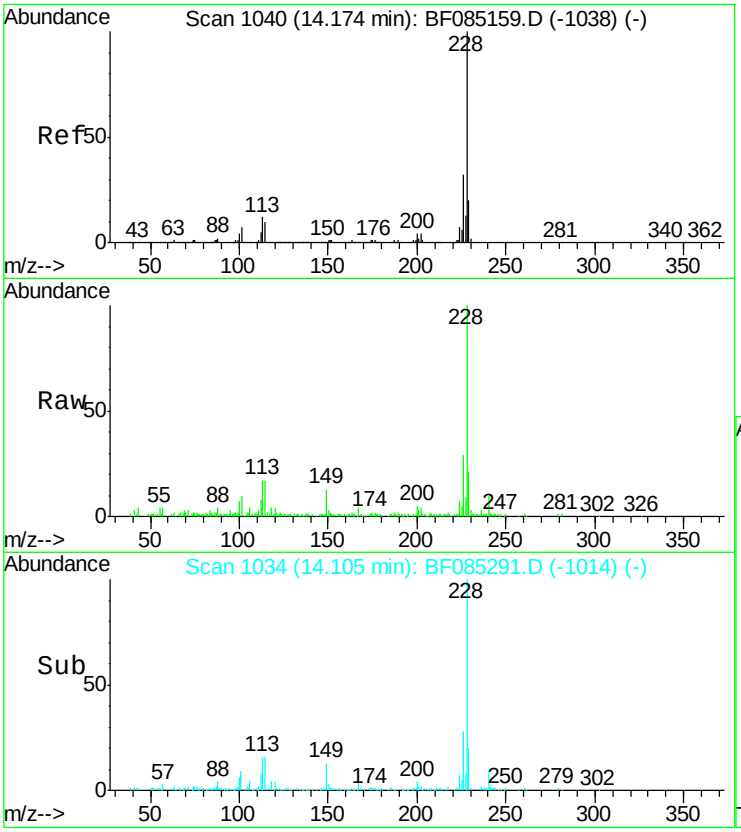


#80
Benzo(a)anthracene
Concen: 6.62 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF085291.D
Acq: 9 Mar 2016 7:54

Tgt Ion:228 Resp: 109871

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.8	34.2
229	21.4	16.6	24.8



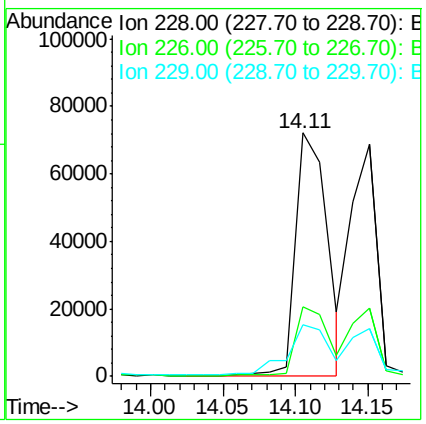


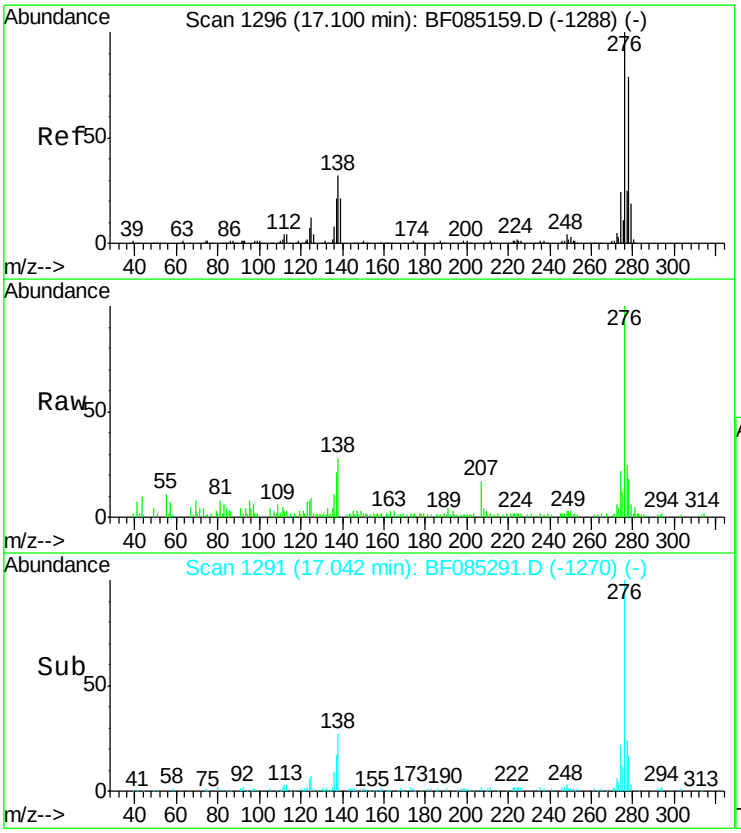
#82
Chrysene
Concen: 7.17 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.07 min
Lab File: BF085291.D
Acq: 9 Mar 2016 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 109871

Ion	Ratio	Lower	Upper
228	100		
226	28.6	25.2	37.8
229	21.4	16.0	24.0

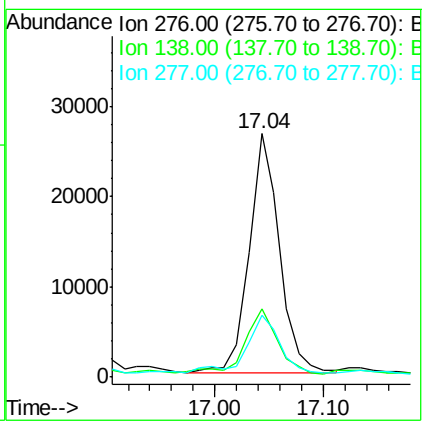


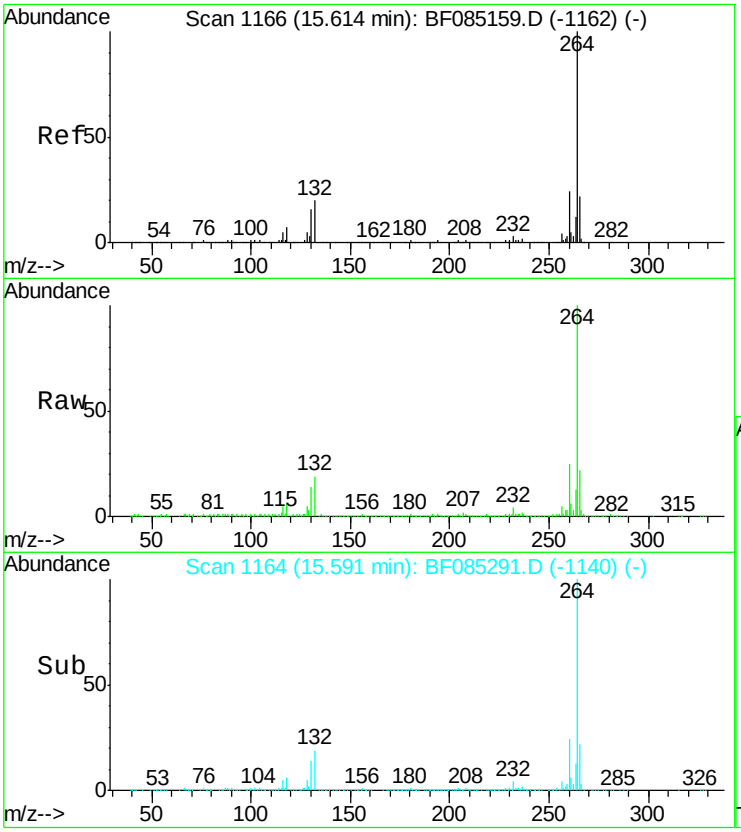


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.31 ng
RT: 17.04 min Scan# 1291
Delta R.T. -0.06 min
Lab File: BF085291.D
Acq: 9 Mar 2016 7:54

Tgt Ion:276 Resp: 51550

Ion	Ratio	Lower	Upper
276	100		
138	29.1	26.4	39.6
277	27.3	20.2	30.2



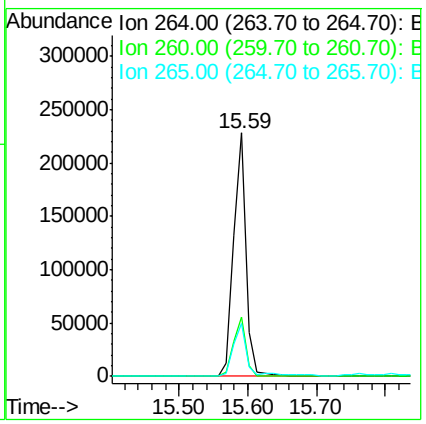


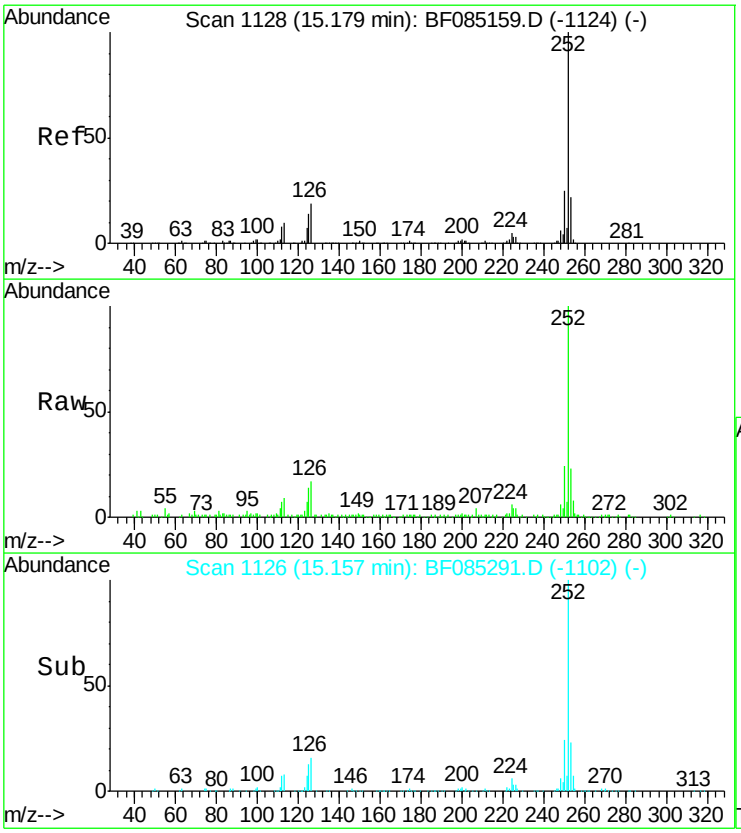
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BF085291.D
Acq: 9 Mar 2016 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 294774

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.8	17.3	25.9

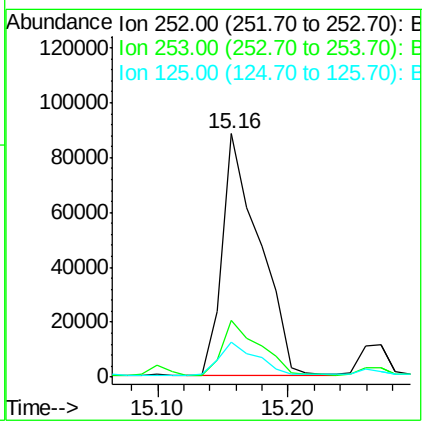


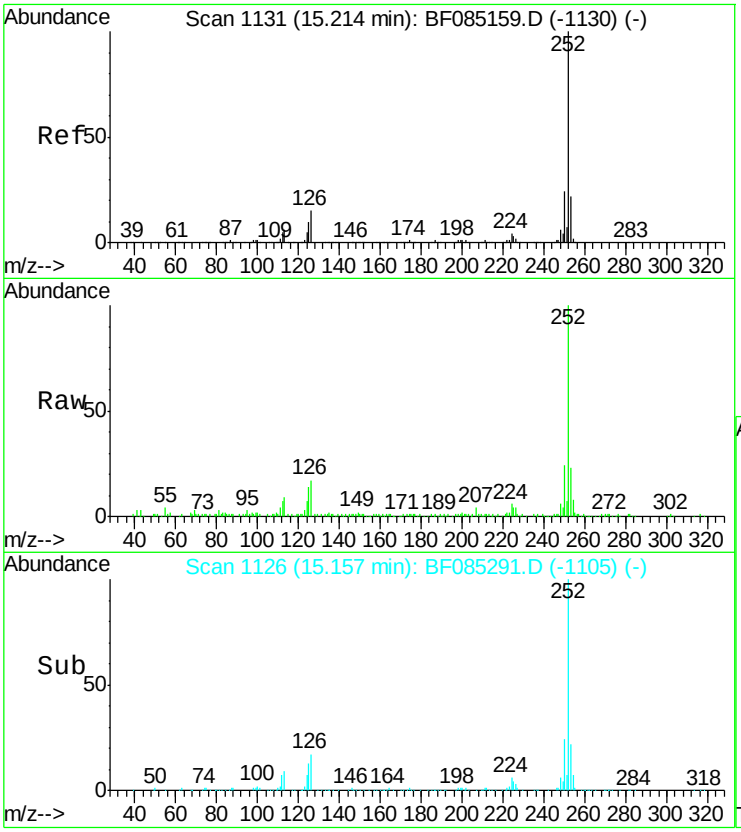


#87
Benzo(b)fluoranthene
Concen: 8.95 ng
RT: 15.16 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BF085291.D
Acq: 9 Mar 2016 7:54

Tgt Ion:252 Resp: 175843

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	14.2	11.3	16.9



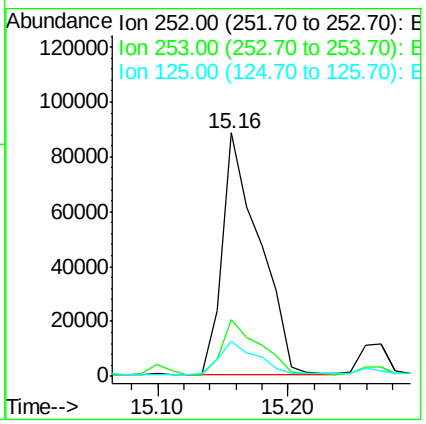


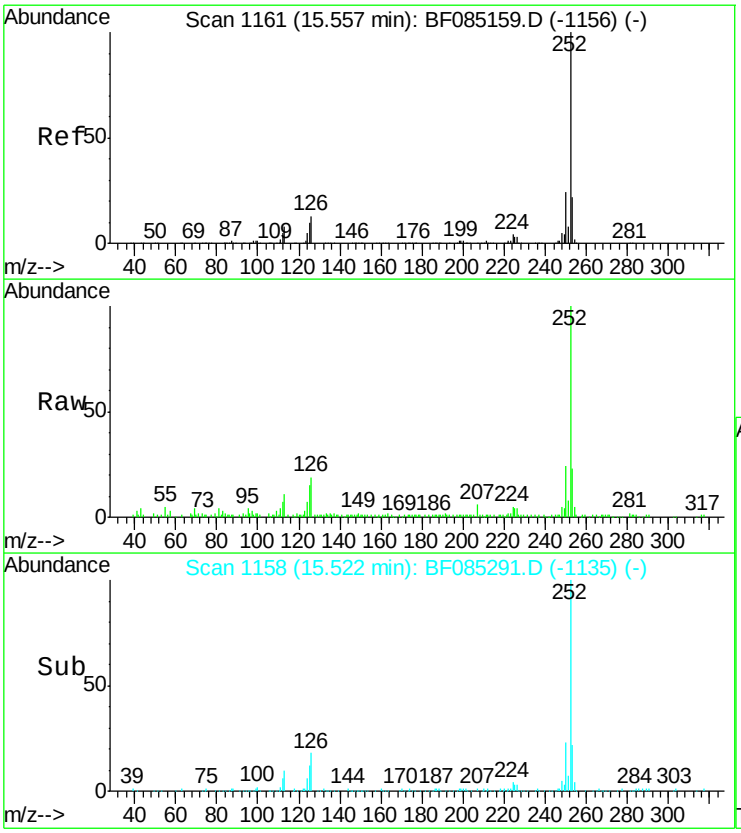
#88
Benzo(k)fluoranthene
Concen: 11.10 ng
RT: 15.16 min Scan# 1126
Delta R.T. -0.06 min
Lab File: BF085291.D
Acq: 9 Mar 2016 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 175843

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	14.2	10.4	15.6

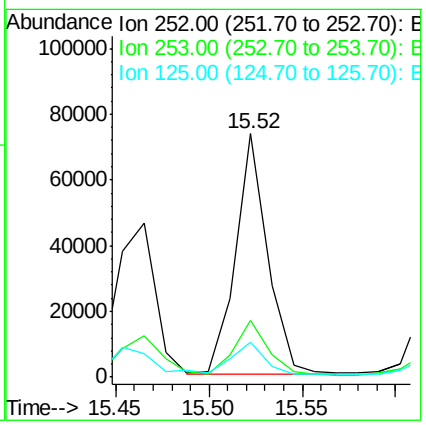


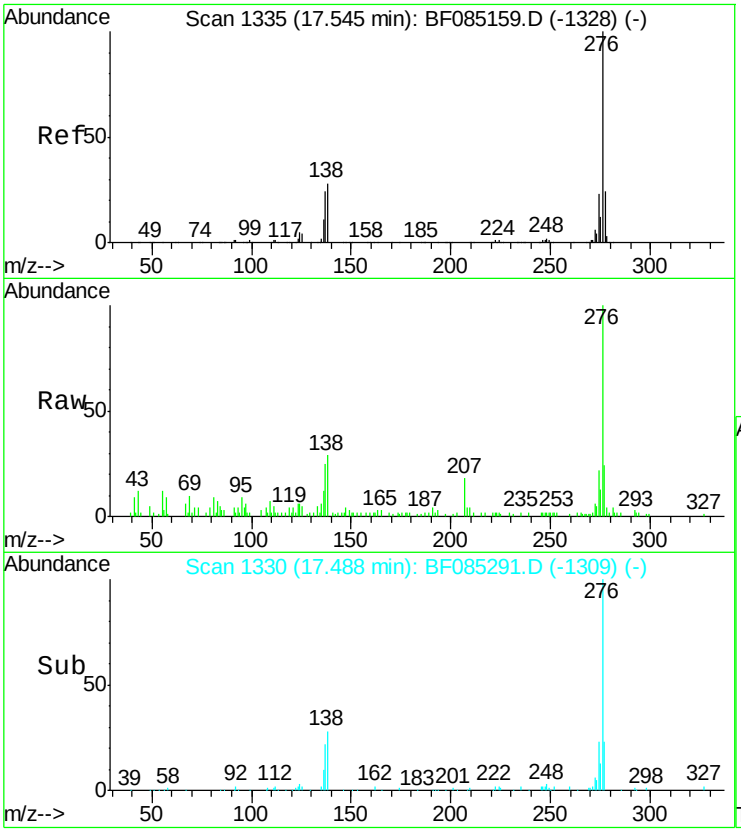


#89
Benzo(a)pyrene
Concen: 5.34 ng
RT: 15.52 min Scan# 1158
Delta R.T. -0.03 min
Lab File: BF085291.D
Acq: 9 Mar 2016 7:54

Tgt Ion:252 Resp: 86958

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	14.5	8.2	12.4#





#91
Benzo(g,h,i)perylene
Concen: 3.66 ng
RT: 17.49 min Scan# 1330
Delta R.T. -0.06 min
Lab File: BF085291.D
Acq: 9 Mar 2016 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 51129

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.0	28.4
138	29.0	22.5	33.7