Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085823.D
Acq On : 29 Mar 2016 1:29
Operator : UM/SJ
Sample : H1942-02 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-927ANCOMP

Quant Time: Mar 29 03:42:06 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	112789	20.00	ng		-0.01
21) Naphthalene-d8	8.10	136	424532	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	173054	20.00	ng		-0.01
63) Phenanthrene-d10	11.34	188	280577	20.00	ng		-0.01
75) Chrysene-d12	13.98	240	206923	20.00	ng		0.00
86) Perylene-d12	15.40	264	214013	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	54735	8.08	ng		0.00
7) Phenol-d6	6.45	99	75466	8.76	ng		-0.01
23) Nitrobenzene-d5	7.38	82	43199	5.73	ng		-0.01
41) 2,4,6-Tribromophenol	10.65	330	11044	6.72	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	87994	8.50	ng		-0.01
78) Terphenyl-d14	12.93	244	49406	4.91	ng		0.00
Target Compounds							Qvalue
18) Hexachloroethane	7.38	117	9217	2.93	ng	#	3
35) Caprolactam	8.53	113	16750	8.28	ng	#	11
51) Acenaphthene	9.89	154	38701	3.62	ng		98
53) 2,4-Dinitrophenol	10.07	184	915	6.63	ng	#	1
55) 4-Nitrophenol	9.97	139	9205	4.37	ng	#	1
57) Fluorene	10.40	166	38229	3.32	ng	#	89
65) n-Nitrosodiphenylamine	10.52	169	78792	8.87	ng	#	49
71) Anthracene	11.42	178	33835	2.24	ng	#	88
74) Fluoranthene	12.55	202	227013	14.82	ng		98
77) Pyrene	12.78	202	260199	15.30	ng		98
80) Benzo(a)anthracene	13.97	228	70659	5.99	ng		94
82) Chrysene	13.97	228	70659	5.95	ng		96
83) Bis(2-ethylhexyl)phthalate	13.96	149	20982	2.46	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.78	276	27558	3.00	ng		95
87) Benzo(b)fluoranthene	15.00	252	94111	6.98	ng	#	79
88) Benzo(k)fluoranthene	15.00	252	94111	7.74	ng	#	78
89) Benzo(a)pyrene	15.34	252	30585	2.55	ng	#	65
91) Benzo(g,h,i)perylene	17.20	276	26787	2.38	ng		93

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

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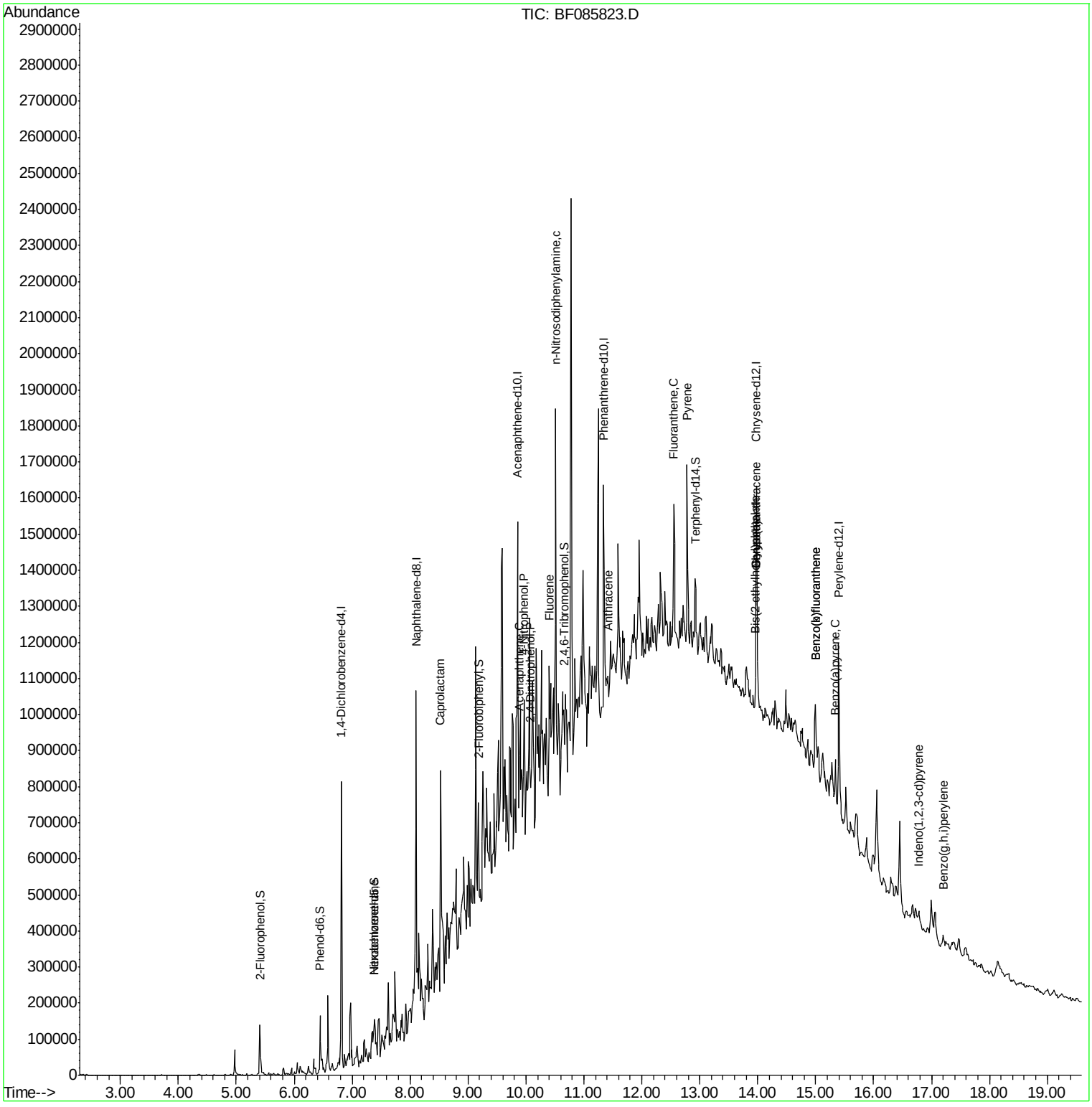
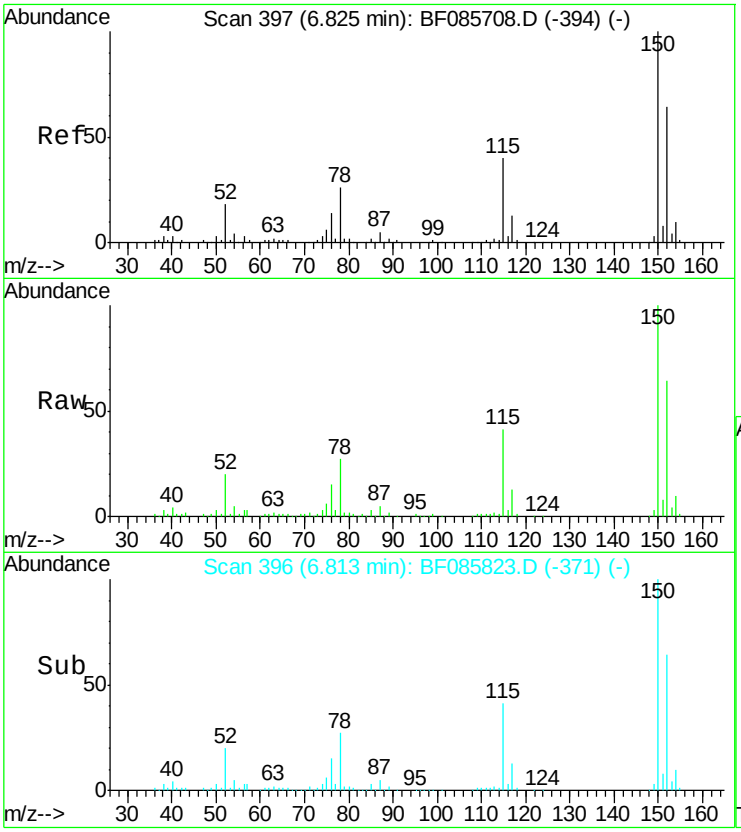


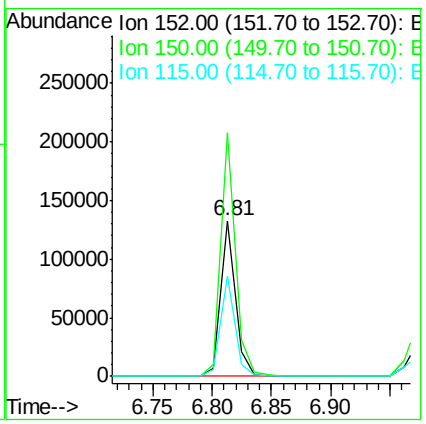


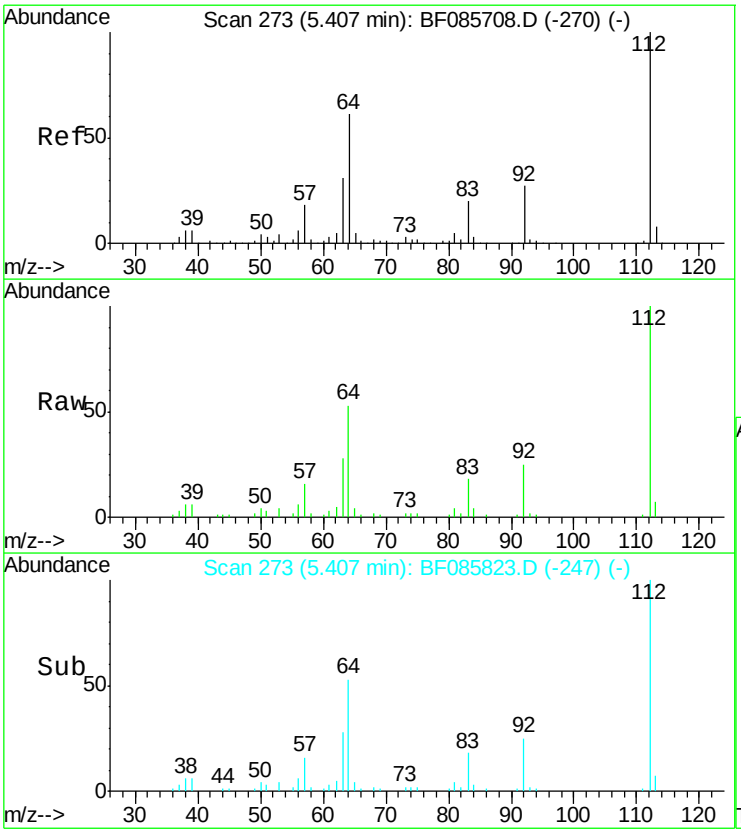
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF085823.D
Acq: 29 Mar 2016 1:29

Instrument :
BNA_F
ClientSampleId :
B-927ANCOMP

Tgt Ion:152 Resp: 112789

Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.2	186.2
115	64.4	47.0	70.6

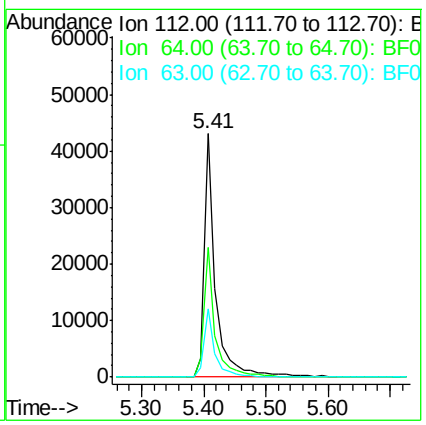


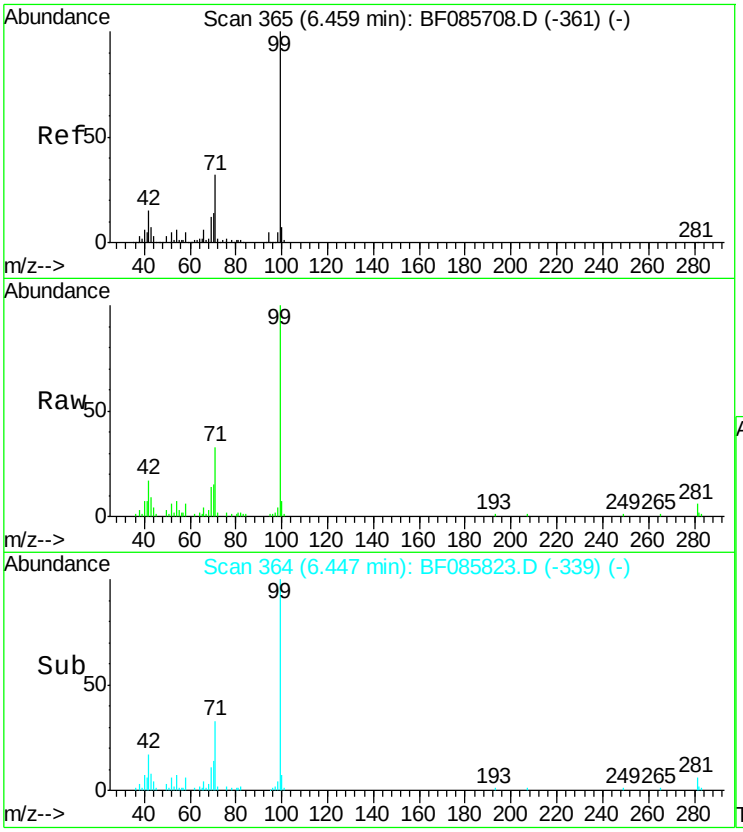


#5
2-Fluorophenol
Concen: 8.08 ng
RT: 5.41 min Scan# 273
Delta R.T. 0.00 min
Lab File: BF085823.D
Acq: 29 Mar 2016 1:29

Tgt Ion:112 Resp: 54735

Ion	Ratio	Lower	Upper
112	100		
64	53.3	39.9	59.9
63	28.3	20.2	30.2



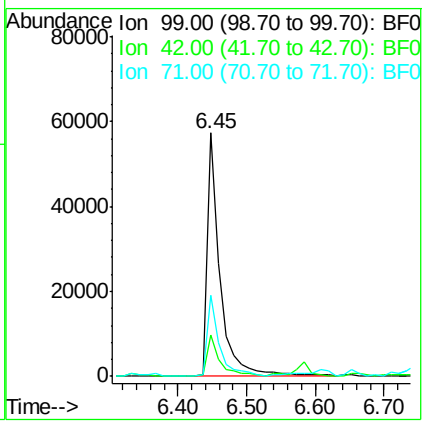


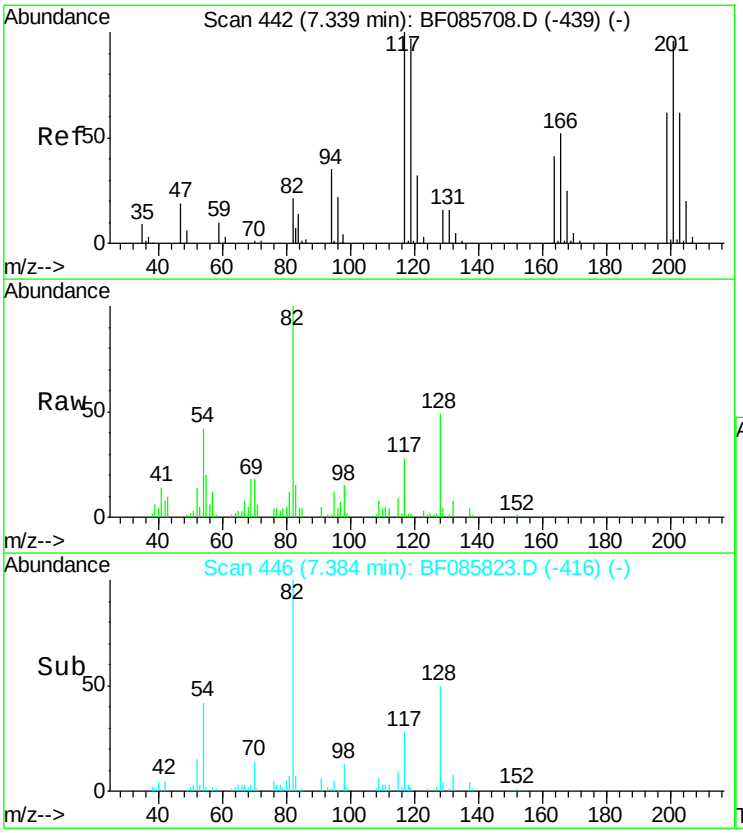
#7
Phenol-d6
Concen: 8.76 ng
RT: 6.45 min Scan# 364
Delta R.T. -0.01 min
Lab File: BF085823.D
Acq: 29 Mar 2016 1:29

Instrument :
BNA_F
ClientSampleId :
B-927ANCOMP

Tgt Ion: 99 Resp: 75466

Ion	Ratio	Lower	Upper
99	100		
42	17.0	11.1	16.7#
71	33.1	24.9	37.3

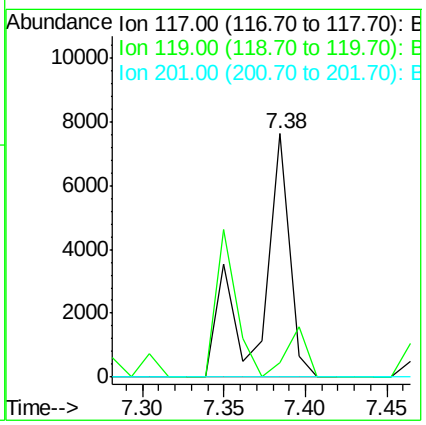


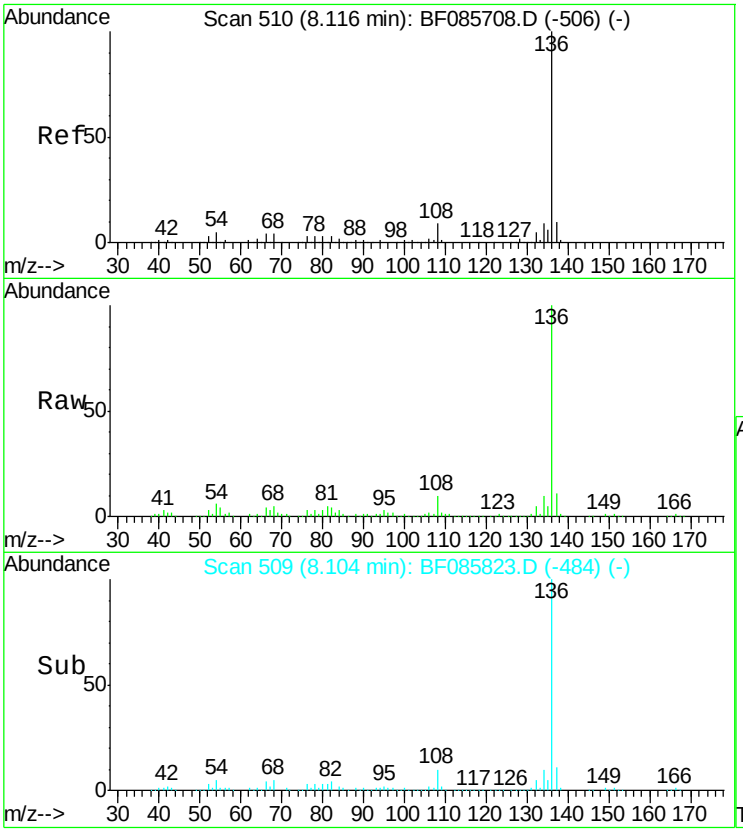


#18
Hexachloroethane
Concen: 2.93 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.05 min
Lab File: BF085823.D
Acq: 29 Mar 2016 1:29

Tgt Ion:117 Resp: 9217

Ion	Ratio	Lower	Upper
117	100		
119	6.0	76.7	115.1#
201	0.0	83.3	124.9#



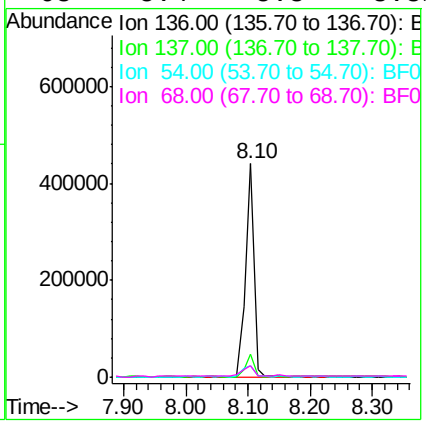


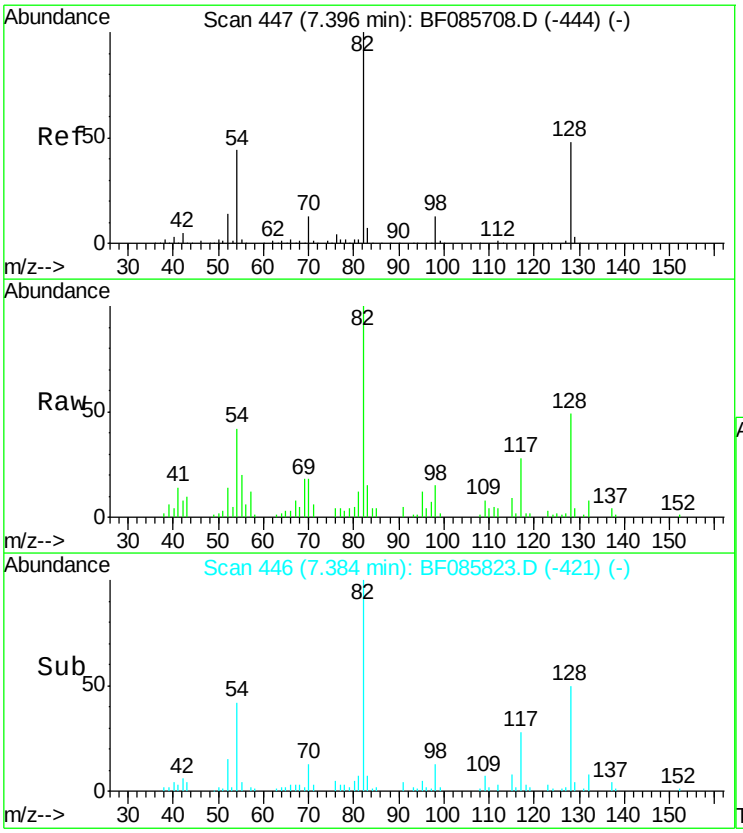
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085823.D
Acq: 29 Mar 2016 1:29

Instrument :
BNA_F
ClientSampleId :
B-927ANCOMP

Tgt Ion:136 Resp: 424532

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.6	7.4	11.0#
68	5.4	5.8	8.8#

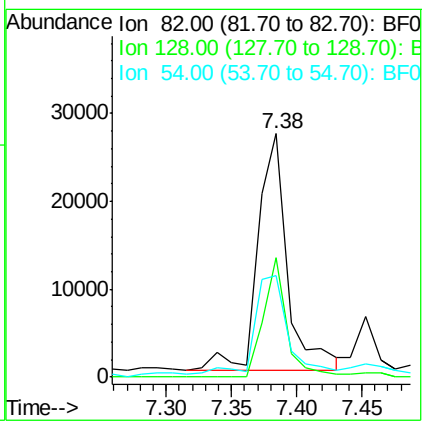


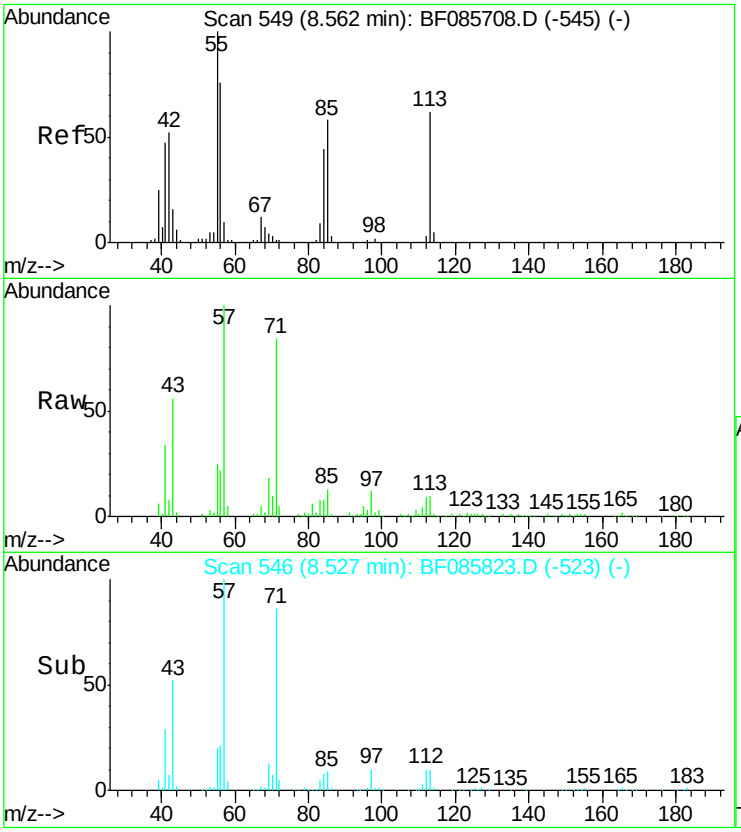


#23
Nitrobenzene-d5
Concen: 5.73 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085823.D
Acq: 29 Mar 2016 1:29

Tgt Ion: 82 Resp: 43199

Ion	Ratio	Lower	Upper
82	100		
128	48.9	41.8	62.8
54	41.9	33.4	50.0



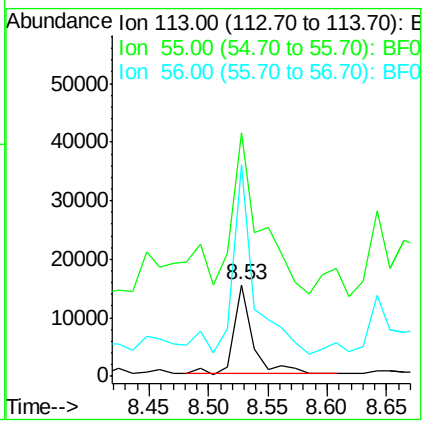


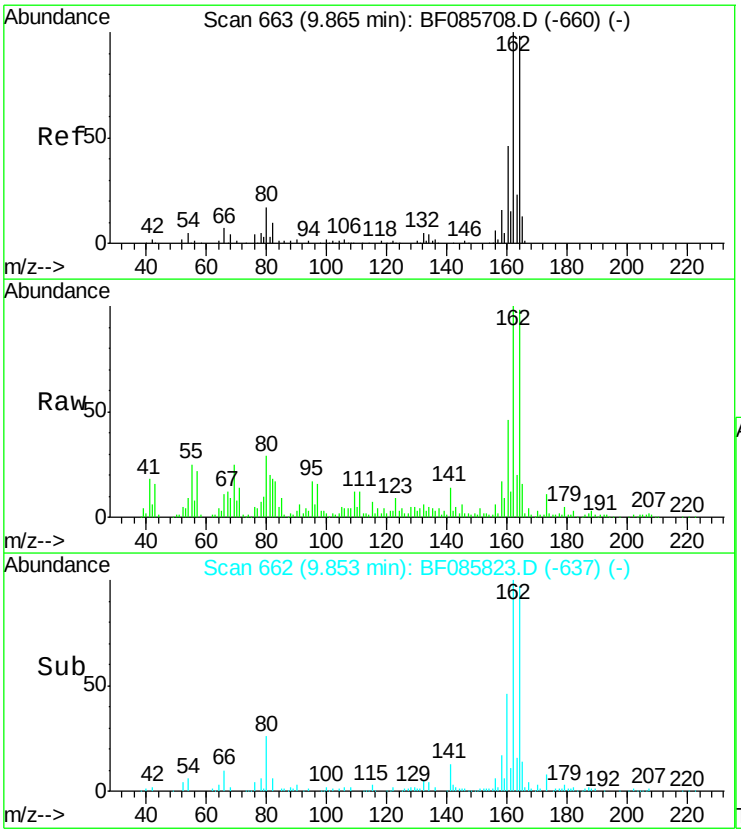
#35
Caprolactam
Concen: 8.28 ng
RT: 8.53 min Scan# 546
Delta R.T. -0.03 min
Lab File: BF085823.D
Acq: 29 Mar 2016 1:29

Instrument :
BNA_F
ClientSampleId :
B-927ANCOMP

Tgt Ion:113 Resp: 16750

Ion	Ratio	Lower	Upper
113	100		
55	265.8	139.4	179.4#
56	230.9	100.4	140.4#

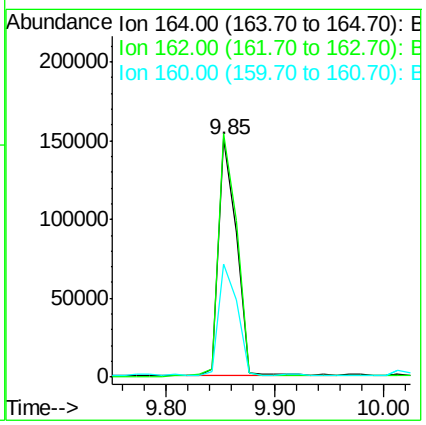


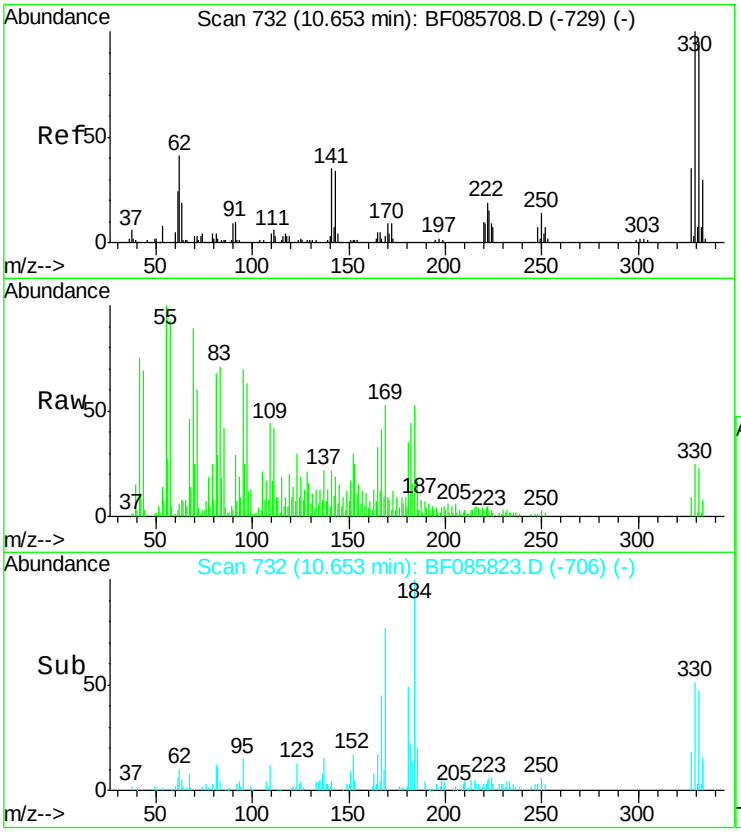


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF085823.D
Acq: 29 Mar 2016 1:29

Tgt Ion:164 Resp: 173054

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.1	123.1
160	47.3	37.4	56.2



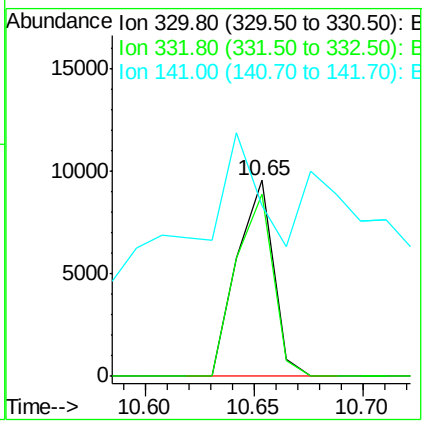


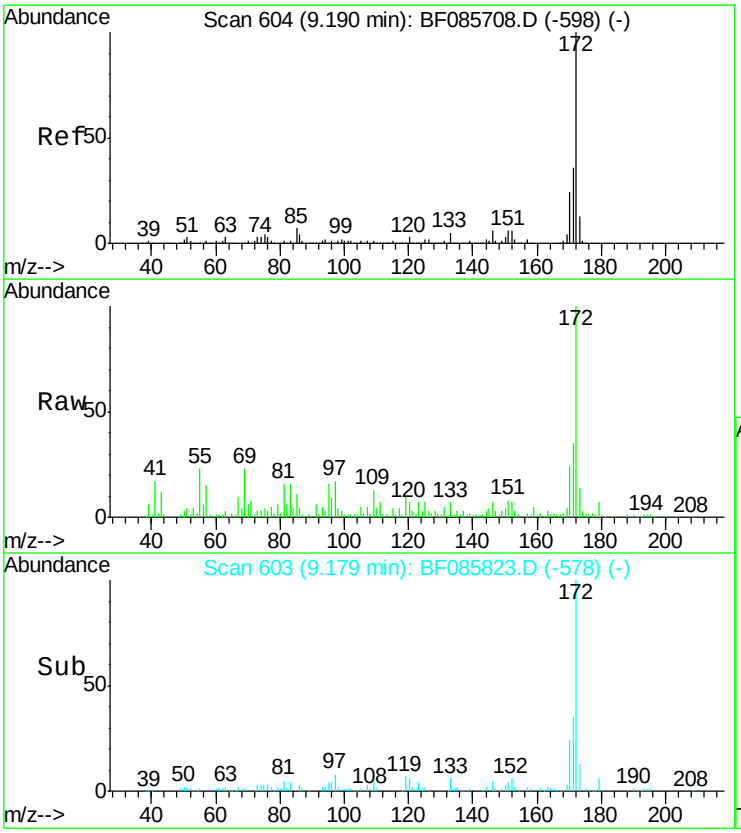
#41
2,4,6-Tribromophenol
Concen: 6.72 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF085823.D
Acq: 29 Mar 2016 1:29

Instrument :
BNA_F
ClientSampleId :
B-927ANCOMP

Tgt Ion:330 Resp: 11044

Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.2	117.2
141	57.4	31.5	47.3#

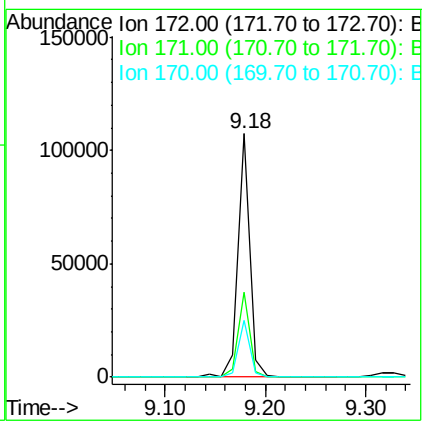


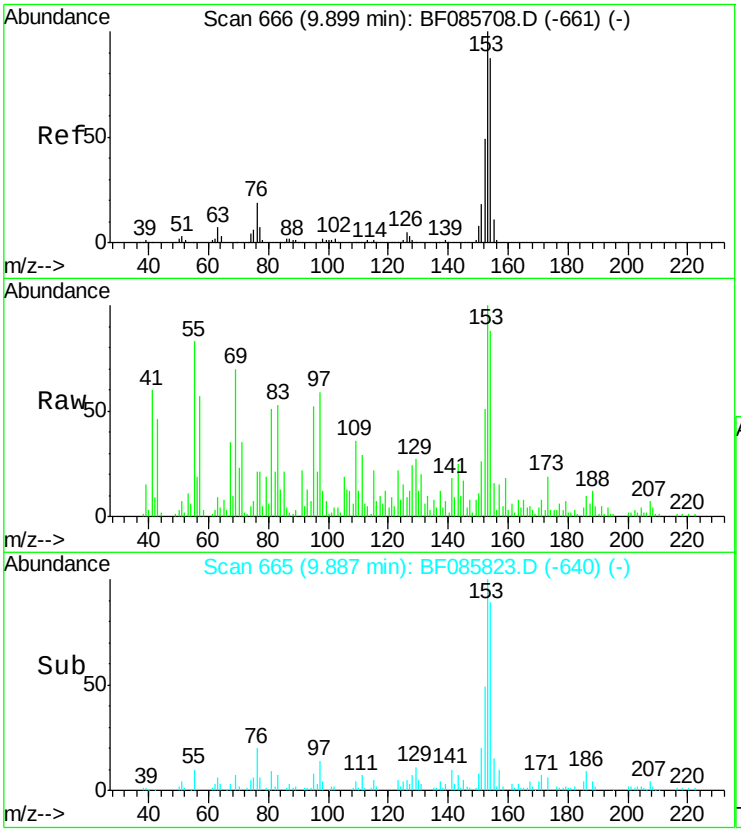


#44
2-Fluorobiphenyl
Concen: 8.50 ng
RT: 9.18 min Scan# 603
Delta R.T. -0.01 min
Lab File: BF085823.D
Acq: 29 Mar 2016 1:29

Tgt Ion:172 Resp: 87994

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.4	44.2
170	23.5	19.8	29.6



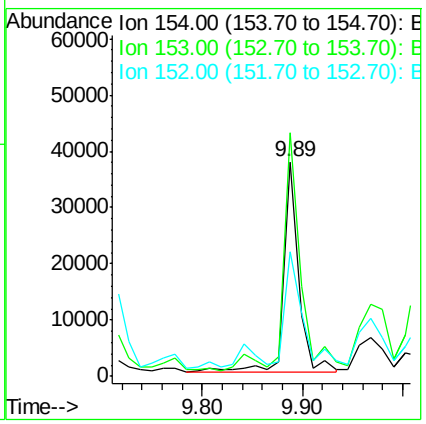


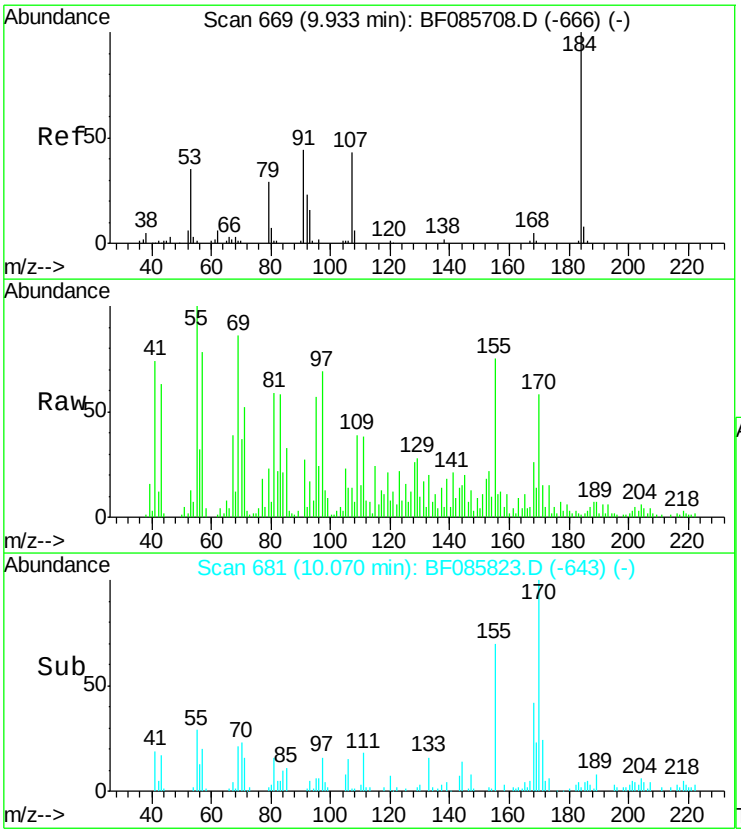
#51
Acenaphthene
Concen: 3.62 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF085823.D
Acq: 29 Mar 2016 1:29

Instrument :
BNA_F
ClientSampleId :
B-927ANCOMP

Tgt Ion:154 Resp: 38701

Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.1	135.1
152	57.9	44.2	66.2

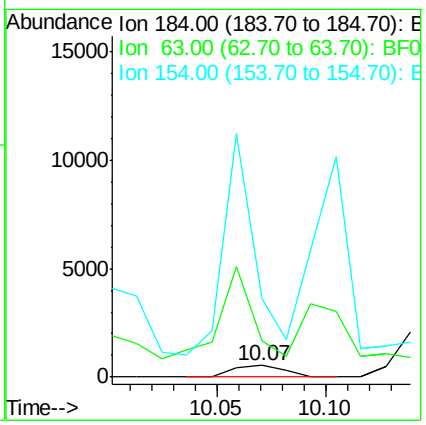


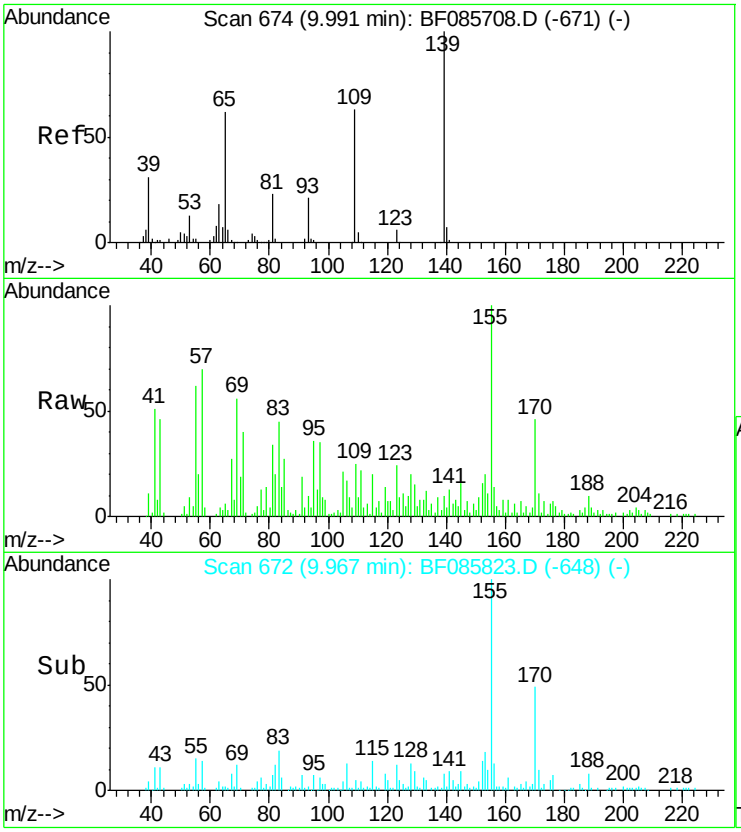


#53
2,4-Dinitrophenol
Concen: 6.63 ng
RT: 10.07 min Scan# 681
Delta R.T. 0.14 min
Lab File: BF085823.D
Acq: 29 Mar 2016 1:29

Tgt Ion:184 Resp: 915

Ion	Ratio	Lower	Upper
184	100		
63	311.4	69.5	104.3#
154	669.2	58.3	87.5#



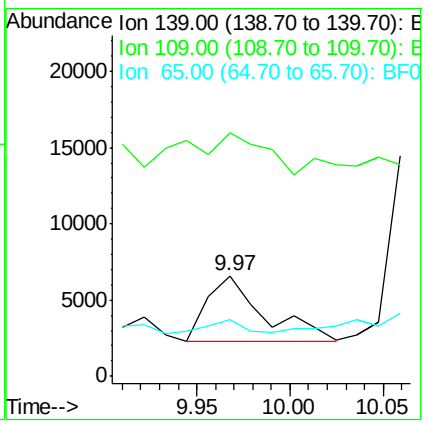


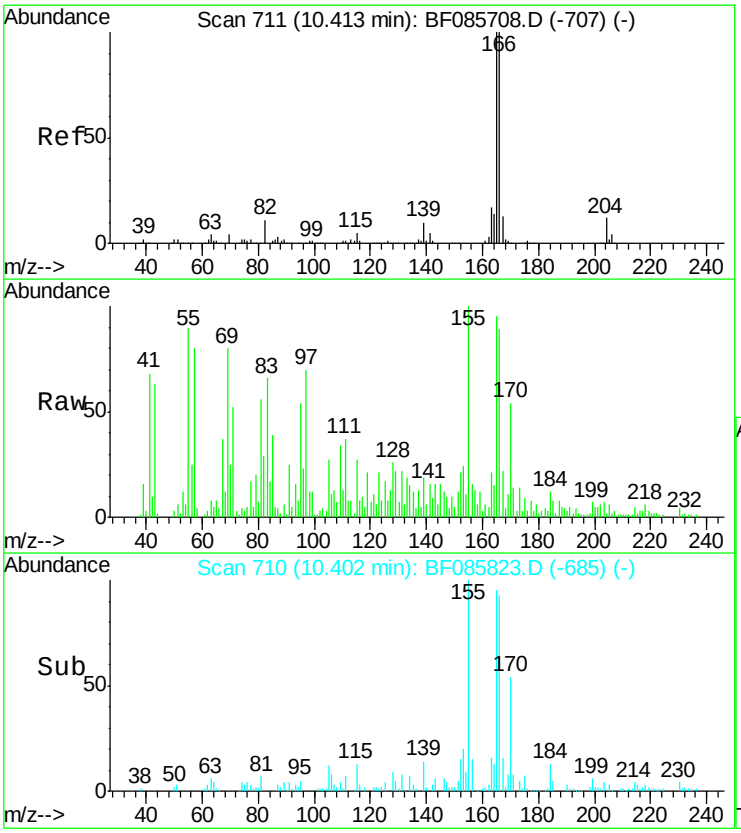
#55
4-Nitrophenol
Concen: 4.37 ng
RT: 9.97 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF085823.D
Acq: 29 Mar 2016 1:29

Instrument :
BNA_F
ClientSampleId :
B-927ANCOMP

Tgt Ion:139 Resp: 9205

Ion	Ratio	Lower	Upper
139	100		
109	241.7	49.2	89.2#
65	56.1	66.9	106.9#

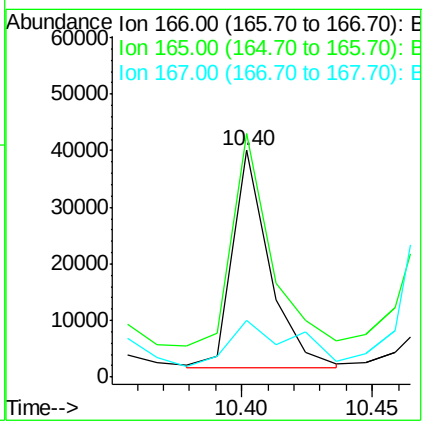


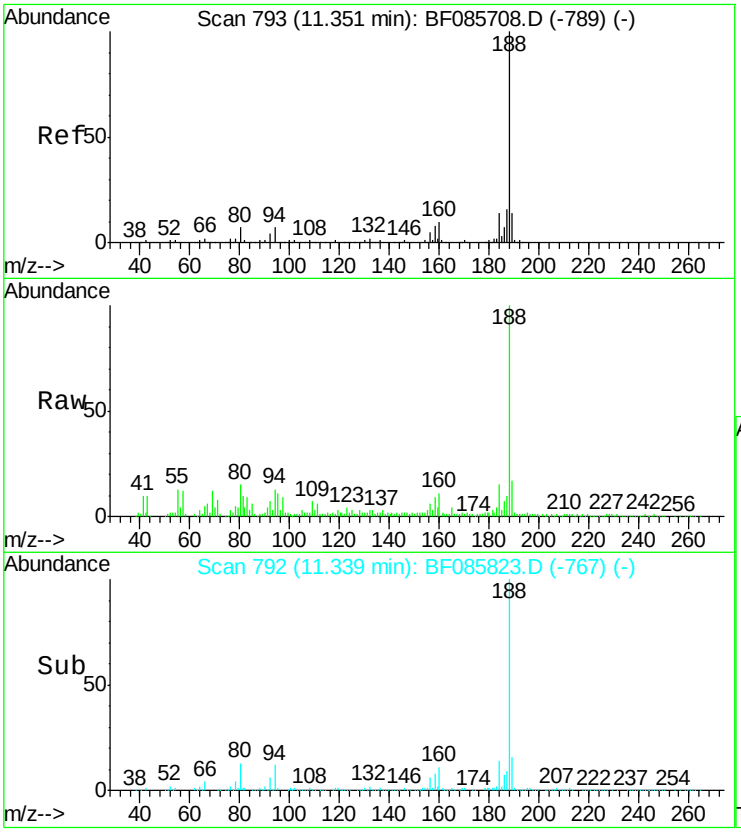


#57
Fluorene
Concen: 3.32 ng
RT: 10.40 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF085823.D
Acq: 29 Mar 2016 1:29

Tgt Ion:166 Resp: 38229

Ion	Ratio	Lower	Upper
166	100		
165	107.6	79.4	119.0
167	25.3	11.0	16.4#



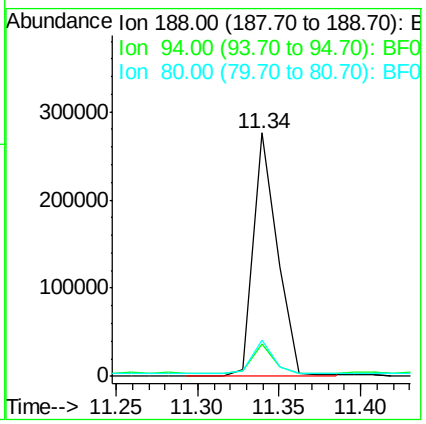


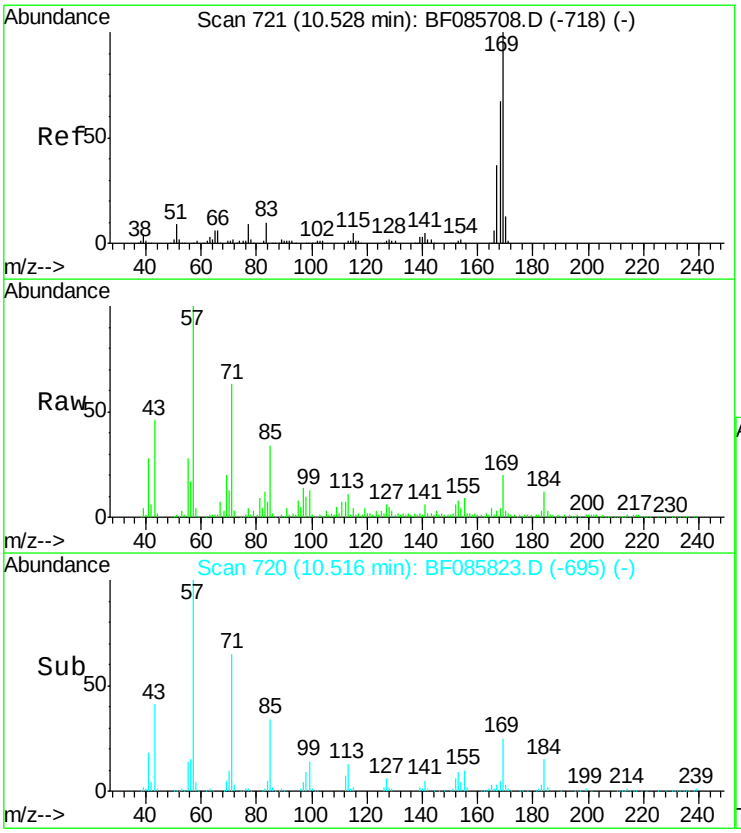
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085823.D
Acq: 29 Mar 2016 1:29

Instrument :
BNA_F
ClientSampleId :
B-927ANCOMP

Tgt Ion:188 Resp: 280577

Ion	Ratio	Lower	Upper
188	100		
94	13.4	5.4	8.0#
80	14.7	5.5	8.3#

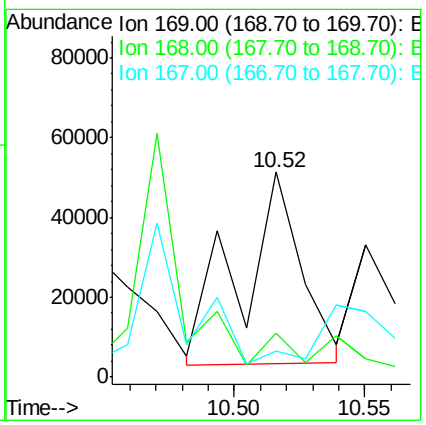


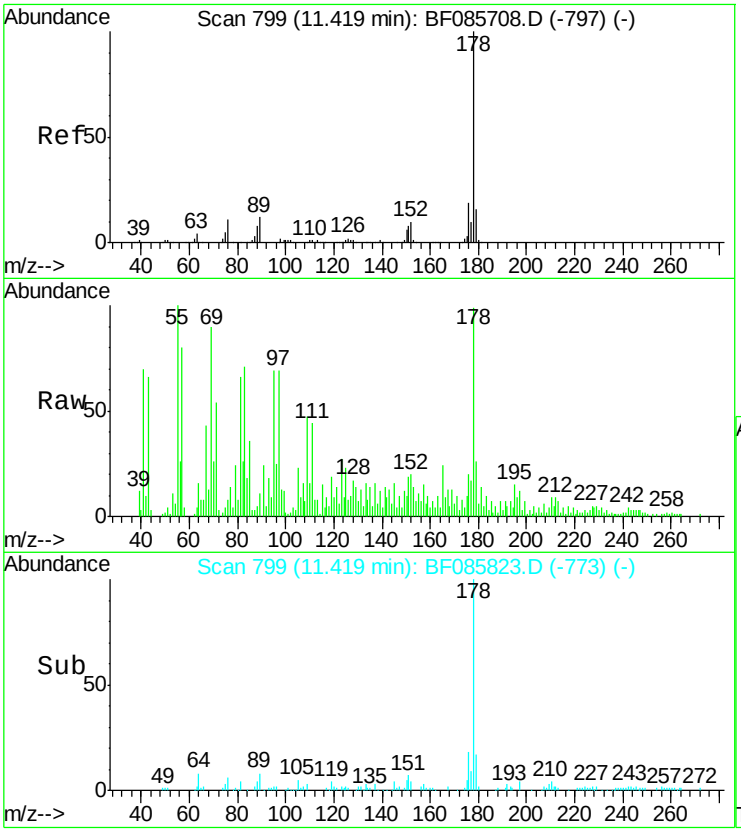


#65
n-Nitrosodiphenylamine
Concen: 8.87 ng
RT: 10.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF085823.D
Acq: 29 Mar 2016 1:29

Tgt Ion:169 Resp: 78792

Ion	Ratio	Lower	Upper
169	100		
168	21.6	54.4	81.6#
167	12.7	29.4	44.0#



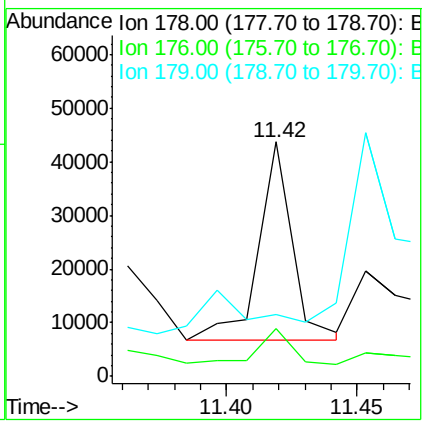


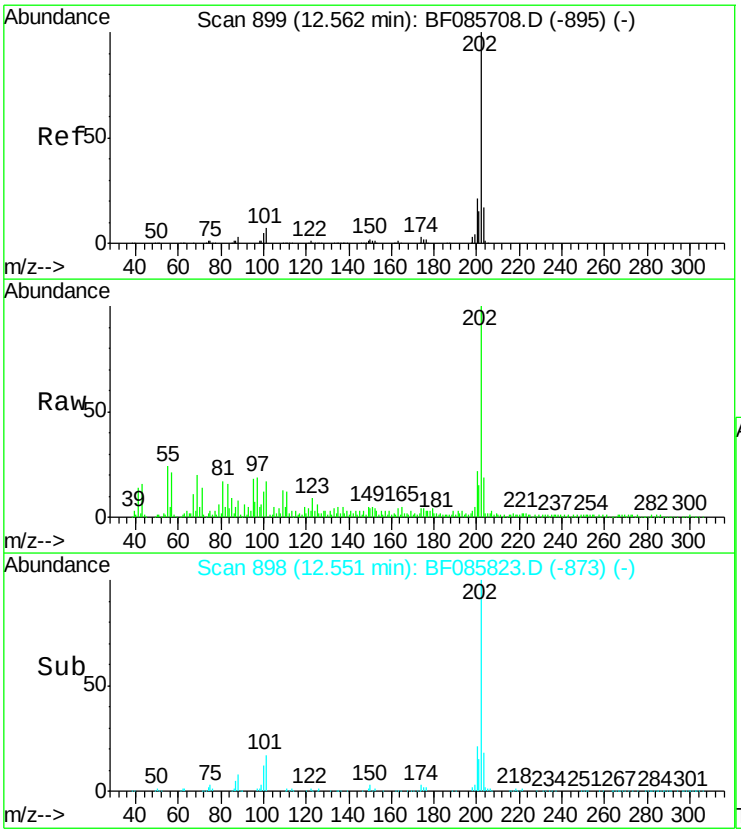
#71
Anthracene
Concen: 2.24 ng
RT: 11.42 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF085823.D
Acq: 29 Mar 2016 1:29

Instrument :
BNA_F
ClientSampleId :
B-927ANCOMP

Tgt Ion:178 Resp: 33835

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.9	23.9
179	26.4	13.0	19.4#

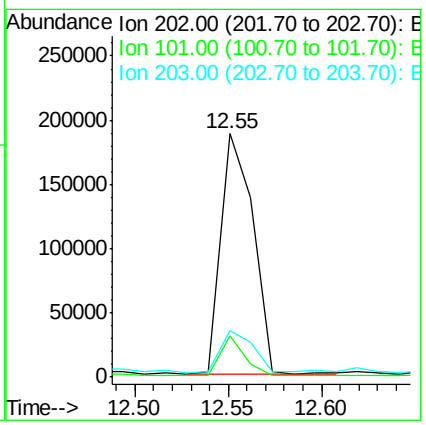


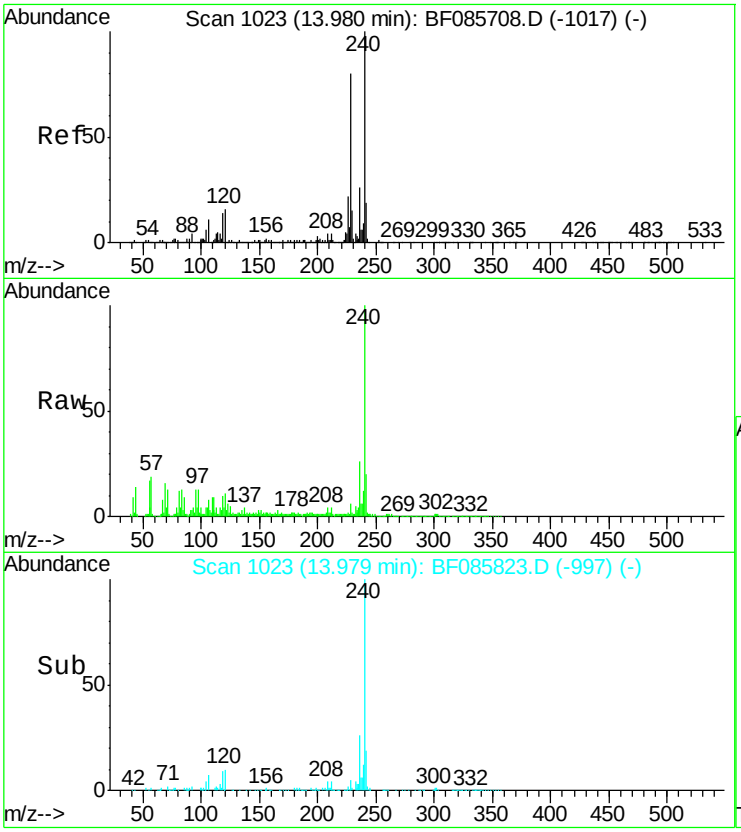


#74
Fluoranthene
Concen: 14.82 ng
RT: 12.55 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF085823.D
Acq: 29 Mar 2016 1:29

Tgt Ion:202 Resp: 227013

Ion	Ratio	Lower	Upper
202	100		
101	17.0	0.0	36.6
203	19.3	0.0	38.1



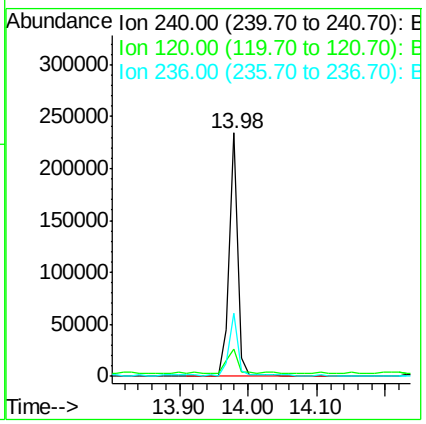


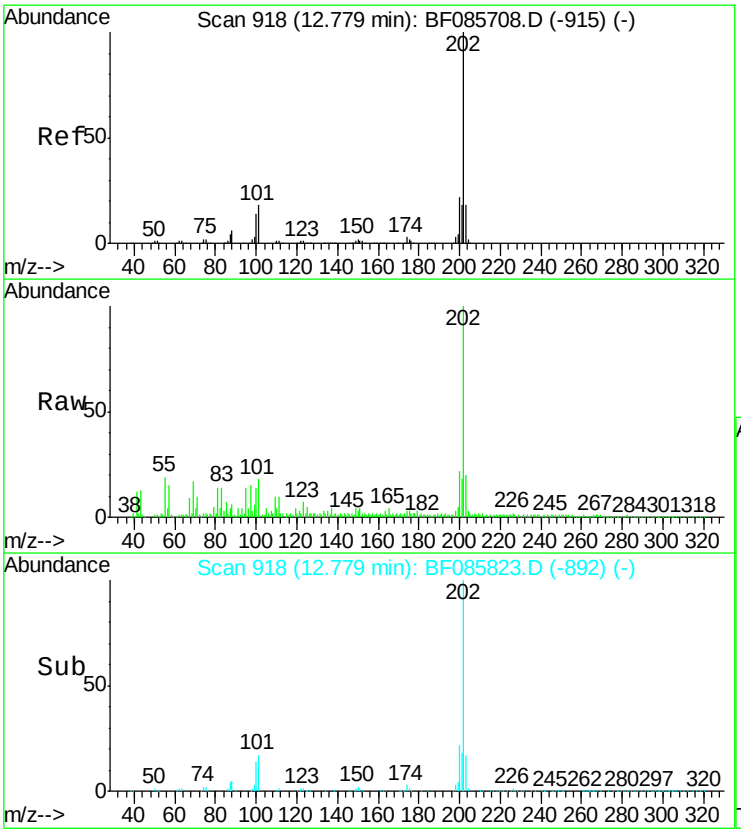
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF085823.D
Acq: 29 Mar 2016 1:29

Instrument :
BNA_F
ClientSampleId :
B-927ANCOMP

Tgt Ion:240 Resp: 206923

Ion	Ratio	Lower	Upper
240	100		
120	11.4	13.8	20.8#
236	26.1	20.6	30.8

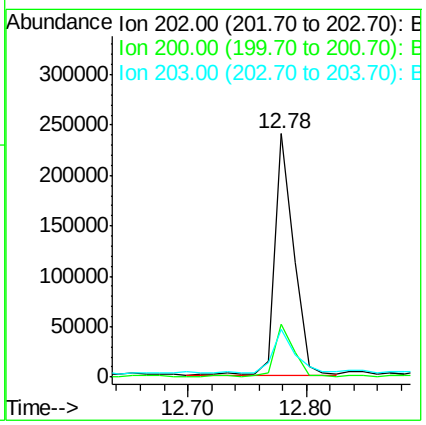


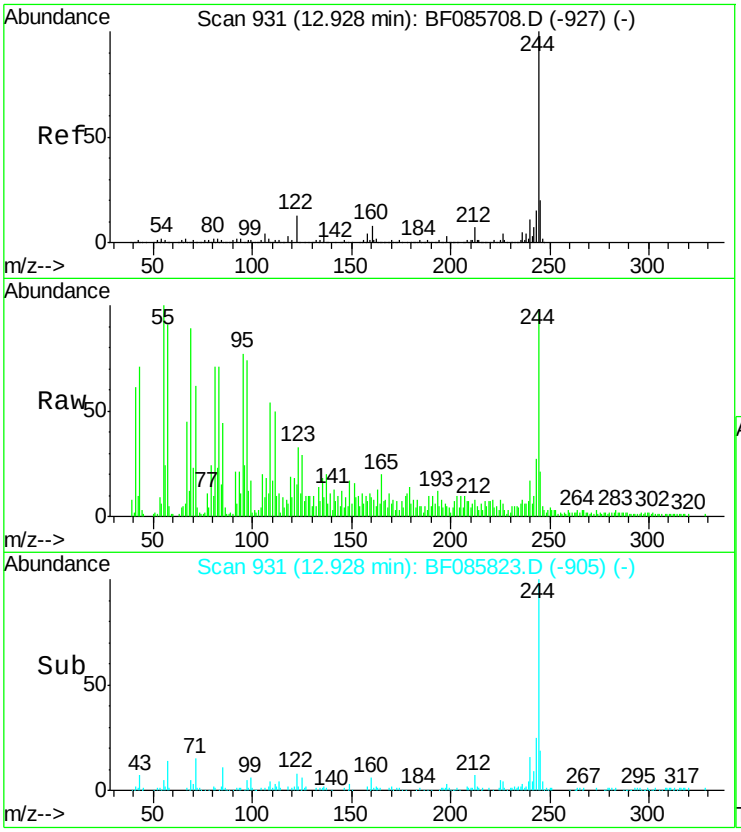


#77
Pyrene
Concen: 15.30 ng
RT: 12.78 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF085823.D
Acq: 29 Mar 2016 1:29

Tgt Ion:202 Resp: 260199

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	19.5	14.0	21.0



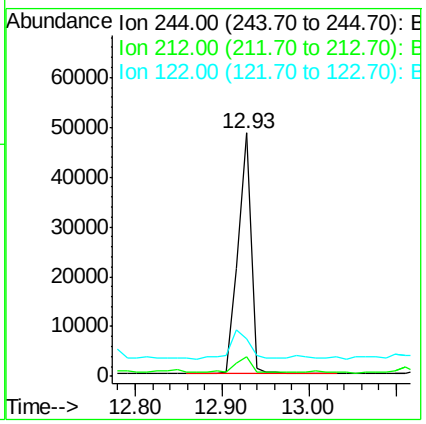


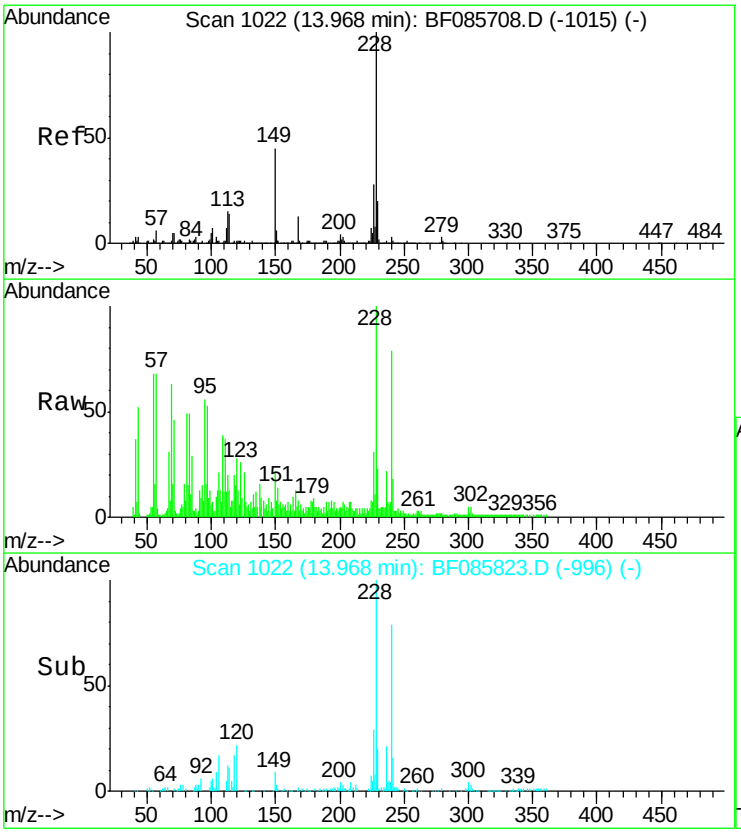
#78
Terphenyl-d14
Concen: 4.91 ng
RT: 12.93 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF085823.D
Acq: 29 Mar 2016 1:29

Instrument :
BNA_F
ClientSampleId :
B-927ANCOMP

Tgt Ion:244 Resp: 49406

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.1	9.1
122	15.6	10.2	15.4#

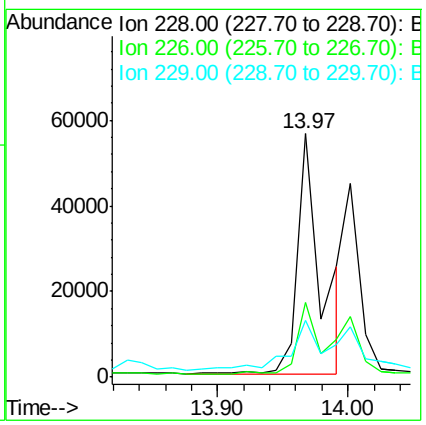


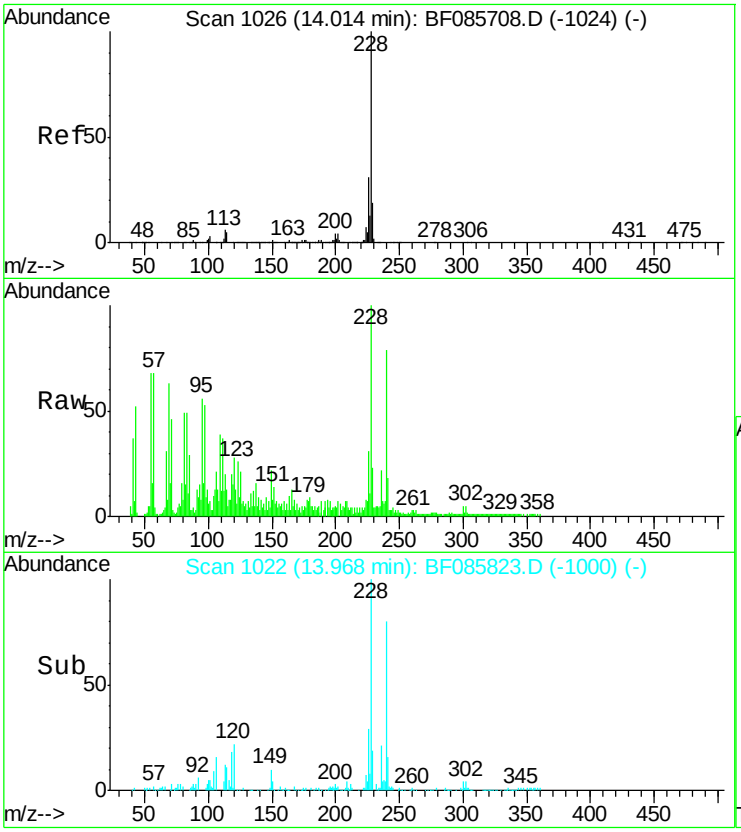


#80
Benzo(a)anthracene
Concen: 5.99 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF085823.D
Acq: 29 Mar 2016 1:29

Tgt Ion:228 Resp: 70659

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.1	33.1
229	23.3	16.2	24.4



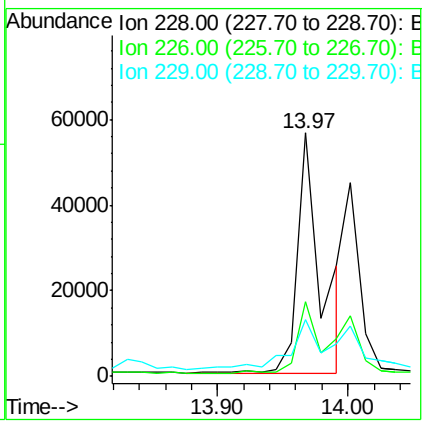


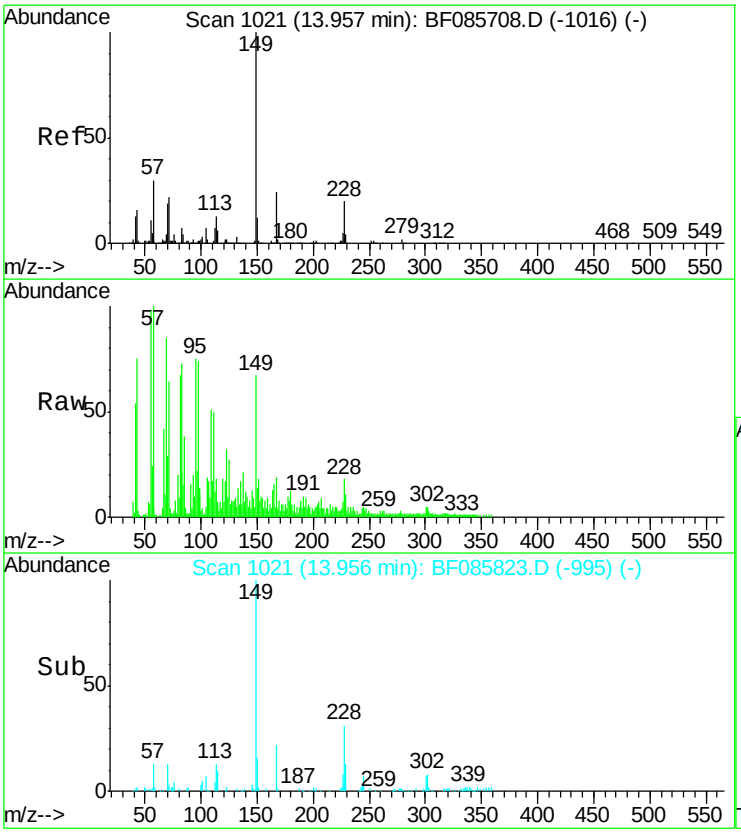
#82
Chrysene
Concen: 5.95 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.05 min
Lab File: BF085823.D
Acq: 29 Mar 2016 1:29

Instrument :
BNA_F
ClientSampleId :
B-927ANCOMP

Tgt Ion:228 Resp: 70659

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	23.3	15.7	23.5

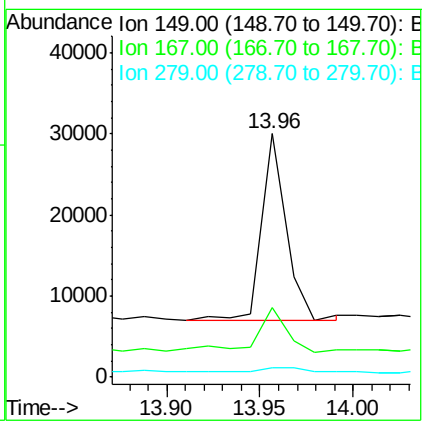


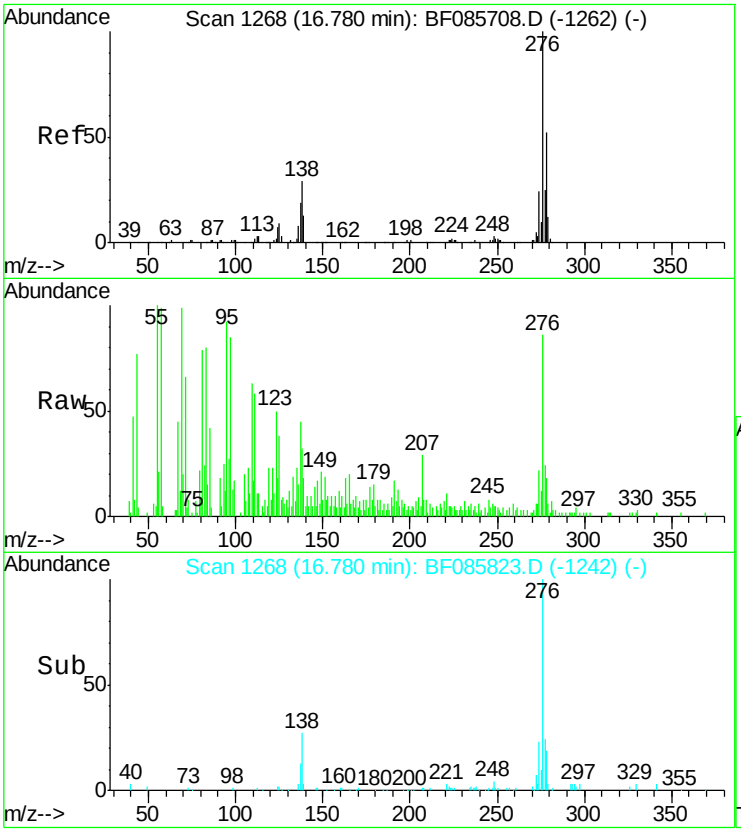


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.46 ng
RT: 13.96 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF085823.D
Acq: 29 Mar 2016 1:29

Tgt Ion:149 Resp: 20982

Ion	Ratio	Lower	Upper
149	100		
167	28.7	19.4	29.2
279	3.6	1.5	2.3#



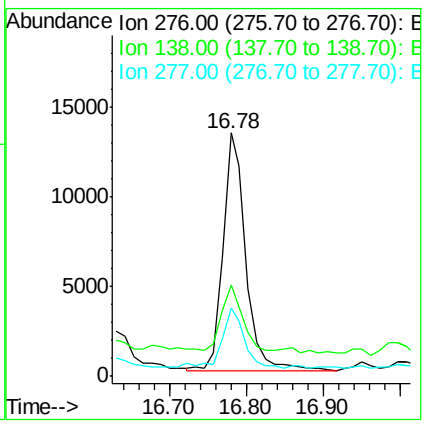


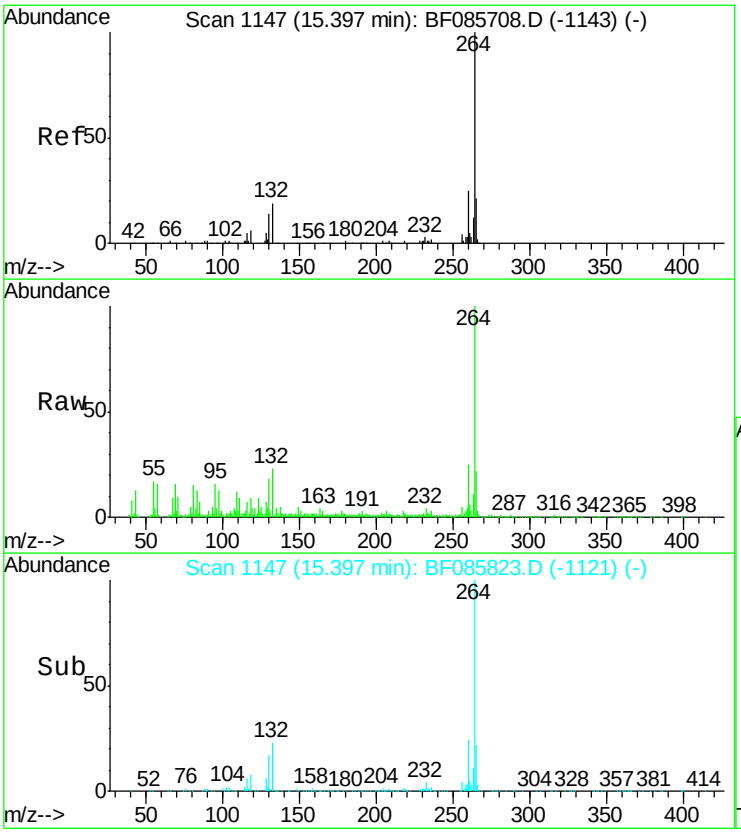
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.00 ng
RT: 16.78 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF085823.D
Acq: 29 Mar 2016 1:29

Instrument :
BNA_F
ClientSampleId :
B-927ANCOMP

Tgt Ion:276 Resp: 27558

Ion	Ratio	Lower	Upper
276	100		
138	25.2	24.2	36.4
277	24.9	20.0	30.0

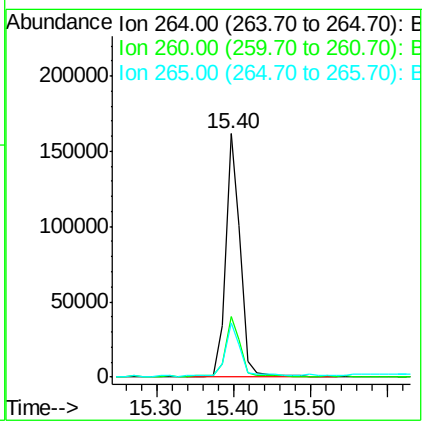


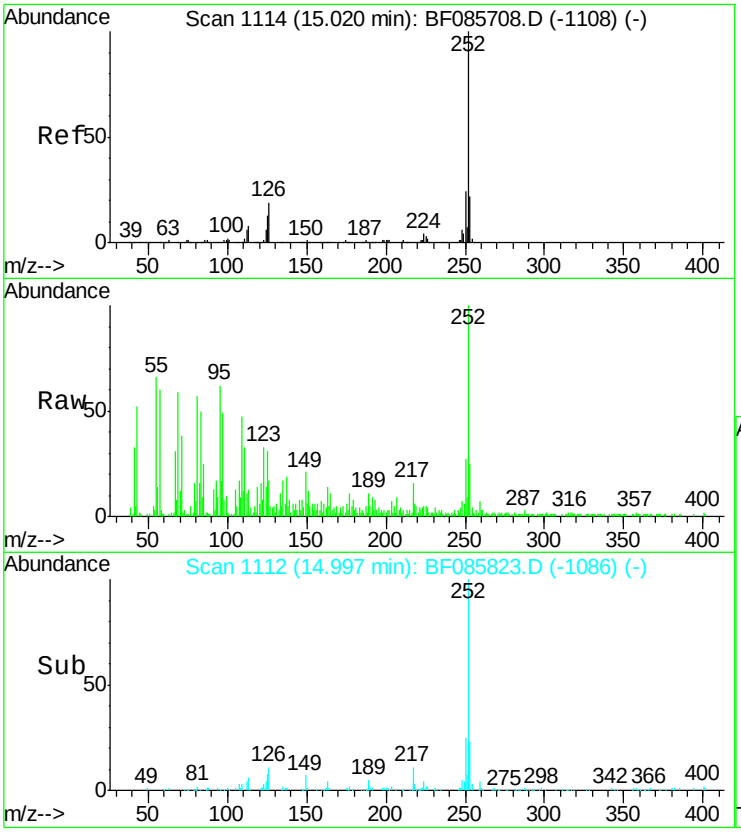


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085823.D
Acq: 29 Mar 2016 1:29

Tgt Ion:264 Resp: 214013

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	22.2	17.2	25.8



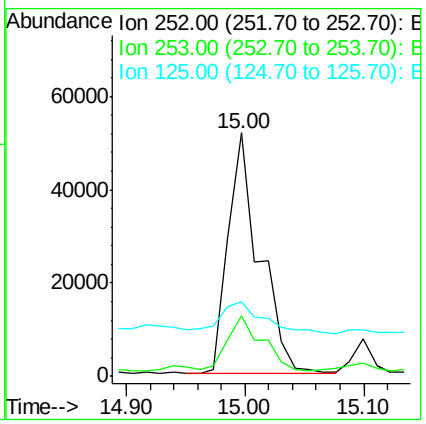


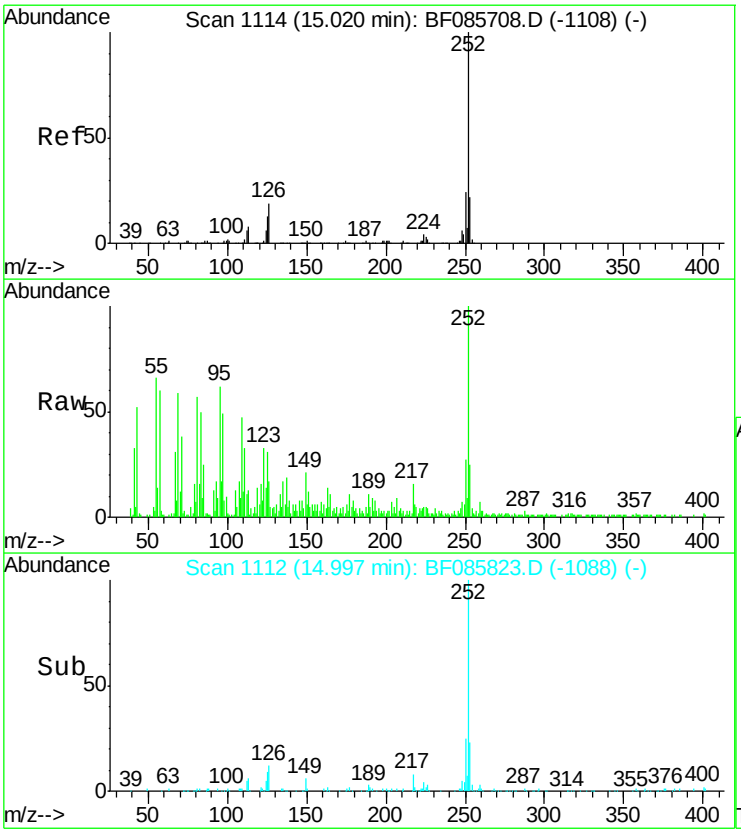
#87
Benzo(b)fluoranthene
Concen: 6.98 ng
RT: 15.00 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BF085823.D
Acq: 29 Mar 2016 1:29

Instrument :
BNA_F
ClientSampleId :
B-927ANCOMP

Tgt Ion:252 Resp: 94111

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.6	26.4
125	30.8	10.3	15.5#

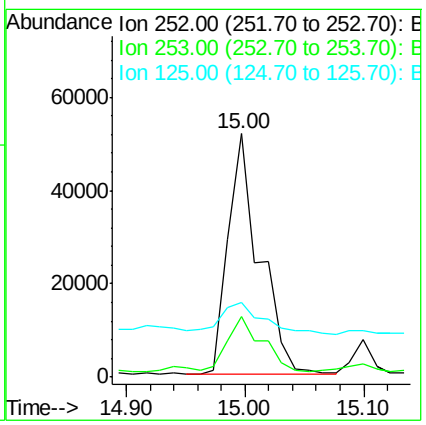


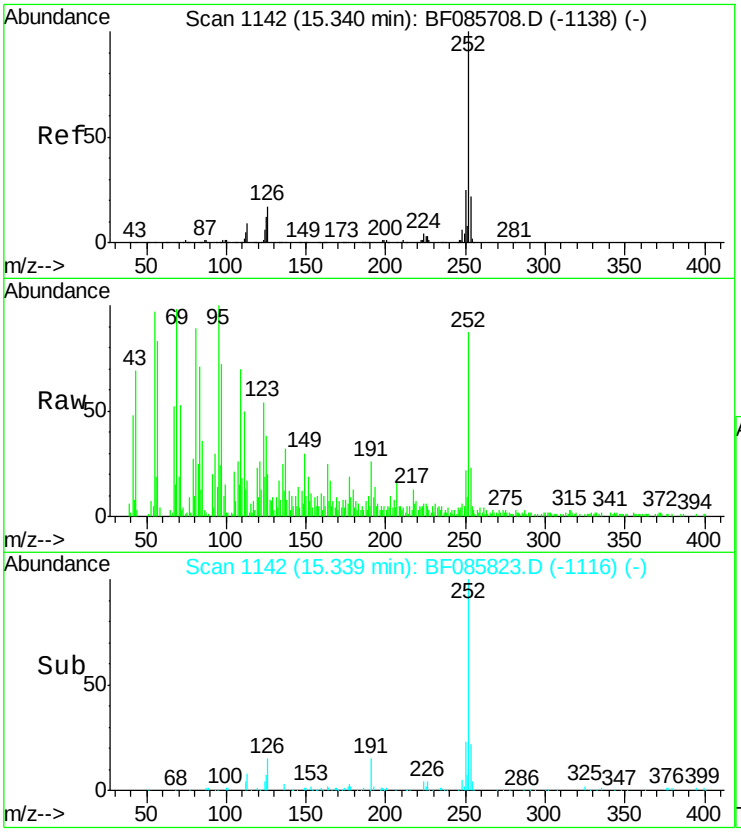


#88
Benzo(k)fluoranthene
Concen: 7.74 ng
RT: 15.00 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BF085823.D
Acq: 29 Mar 2016 1:29

Tgt Ion:252 Resp: 94111

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.8	26.6
125	30.8	7.7	11.5#



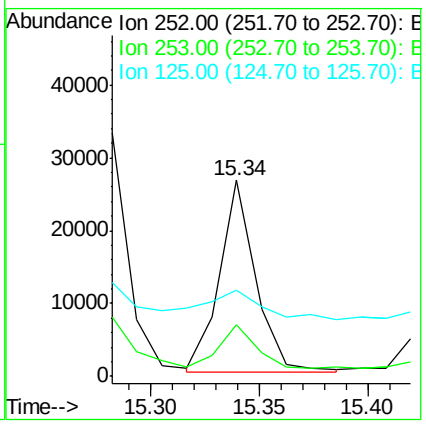


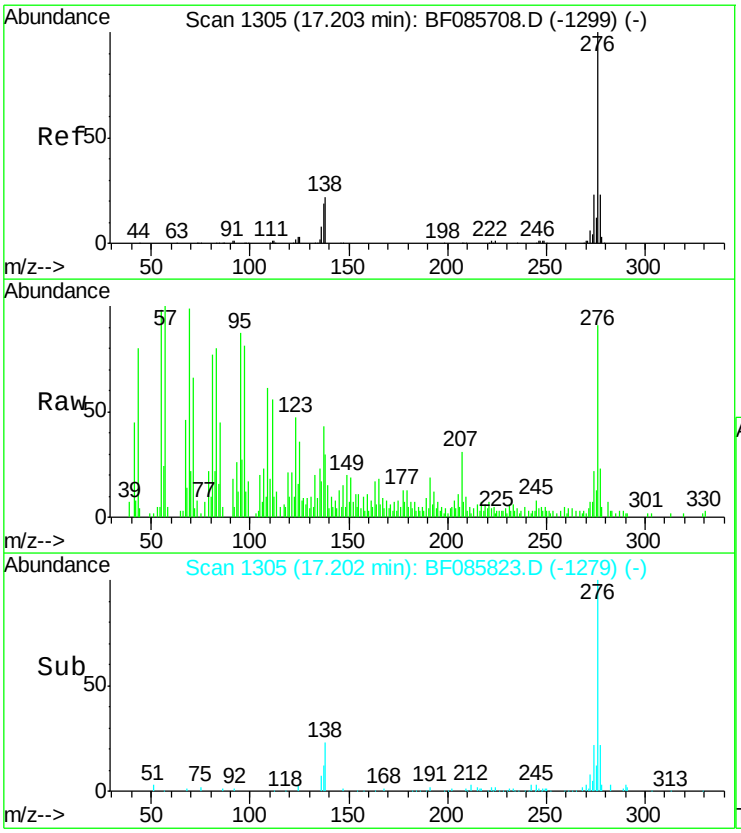
#89
Benzo(a)pyrene
Concen: 2.55 ng
RT: 15.34 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF085823.D
Acq: 29 Mar 2016 1:29

Instrument :
BNA_F
ClientSampleId :
B-927ANCOMP

Tgt Ion:252 Resp: 30585

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.4	26.0#
125	44.0	10.3	15.5#





#91
Benzo(g,h,i)perylene
Concen: 2.38 ng
RT: 17.20 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF085823.D
Acq: 29 Mar 2016 1:29

Tgt Ion:276 Resp: 26787

Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.8	28.2
138	32.9	22.6	34.0