Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062416\
Data File : BF088334.D
Acq On : 24 Jun 2016 16:27
Operator : UM/SJ
Sample : H3683-09DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 24 17:56:31 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	34422	20.00	ng		0.14
21) Naphthalene-d8	7.87	136	312359	20.00	ng		-0.02
38) Acenaphthene-d10	9.61	164	147492	20.00	ng		-0.03
63) Phenanthrene-d10	11.10	188	277294	20.00	ng		-0.02
75) Chrysene-d12	13.73	240	170353	20.00	ng		-0.02
86) Perylene-d12	15.09	264	168411	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	66888	33.22	ng		0.01
7) Phenol-d6	6.25	99	99337	40.71	ng		-0.01
23) Nitrobenzene-d5	7.16	82	50235	9.39	ng		-0.01
41) 2,4,6-Tribromophenol	10.41	330	19820	12.73	ng		-0.02
44) 2-Fluorobiphenyl	8.95	172	122960	8.09	ng		-0.02
78) Terphenyl-d14	12.67	244	102369	13.67	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.16	70	5536	3.55	ng	#	72
25) Isophorone	7.16	82	50238	5.07	ng	#	65
48) Acenaphthylene	9.48	152	66216	4.36	ng		98
50) 2,6-Dinitrotoluene	9.61	165	18421	7.53	ng	#	37
56) 2,4-Dinitrotoluene	9.61	165	18421	5.86	ng	#	36
57) Fluorene	10.17	166	5610	Below Cal			88
70) Phenanthrene	11.12	178	60420	4.15	ng		98
71) Anthracene	11.17	178	109091	7.43	ng		97
74) Fluoranthene	12.30	202	635898	41.41	ng		98
77) Pyrene	12.53	202	586228	46.37	ng		100
80) Benzo(a)anthracene	13.71	228	440791	45.41	ng	#	79
82) Chrysene	13.71	228	440791	48.26	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.33	276	181201	21.35	ng	#	100
87) Benzo(b)fluoranthene	14.72	252	517944	44.13	ng	#	95
88) Benzo(k)fluoranthene	14.72	252	517944	58.49	ng		98
89) Benzo(a)pyrene	14.97	252	172864	18.20	ng		98
90) Dibenzo(a,h)anthracene	16.48	278	43581	4.94	ng		98
91) Benzo(g,h,i)perylene	16.70	276	151516	16.70	ng		97

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

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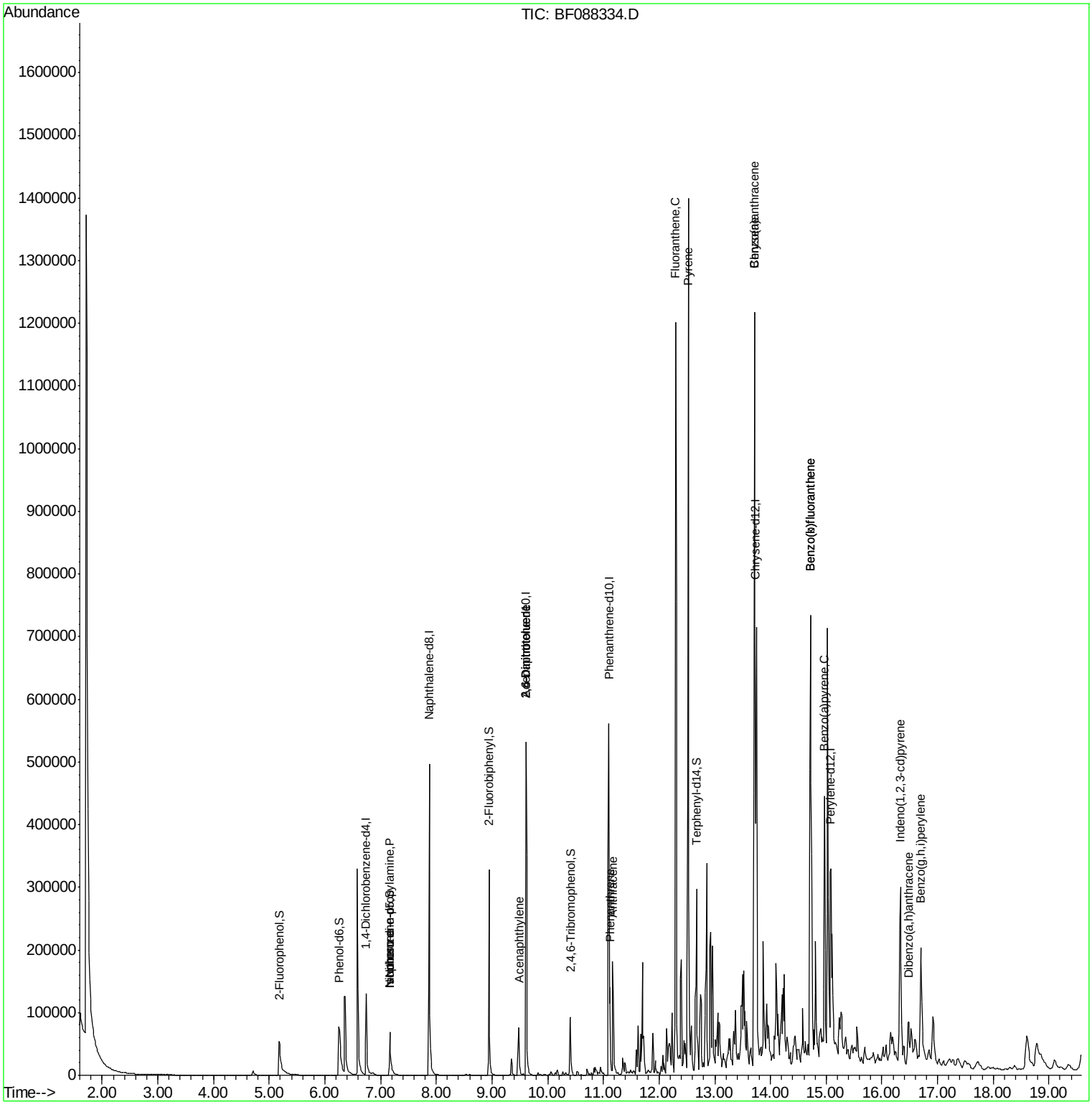
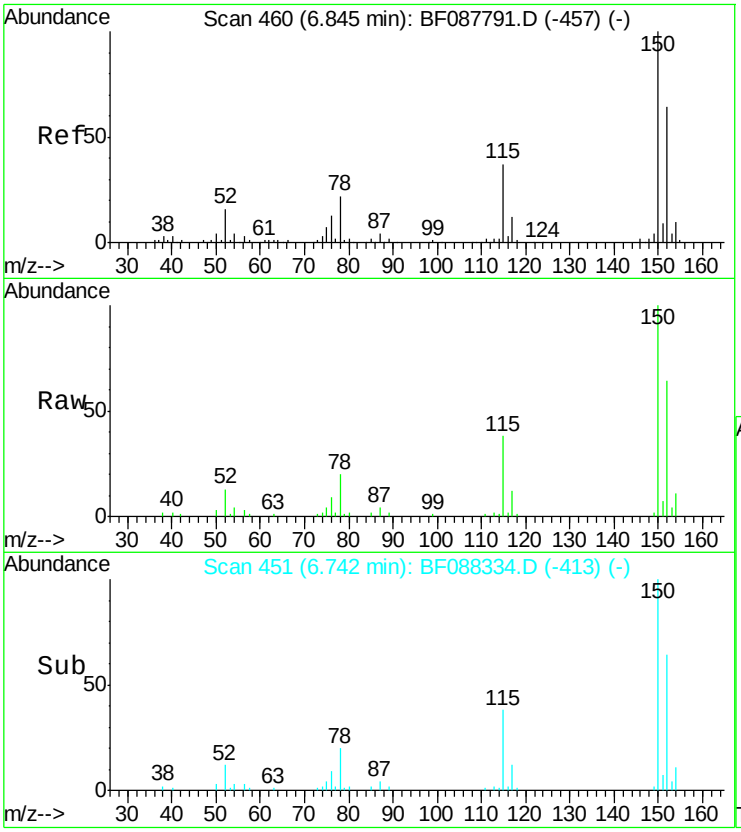


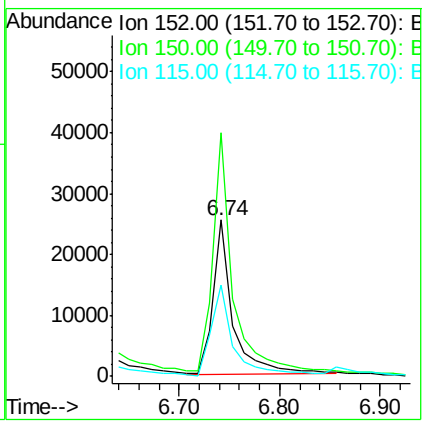


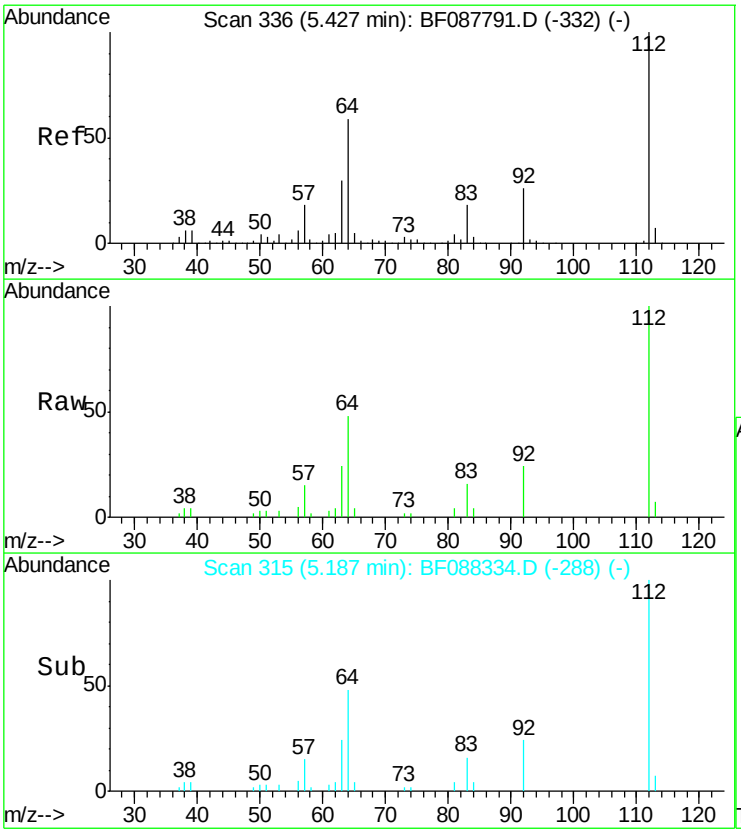
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 451
Delta R.T. 0.14 min
Lab File: BF088334.D
Acq: 24 Jun 2016 16:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 34422

Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.8	185.6
115	58.6	39.6	59.4

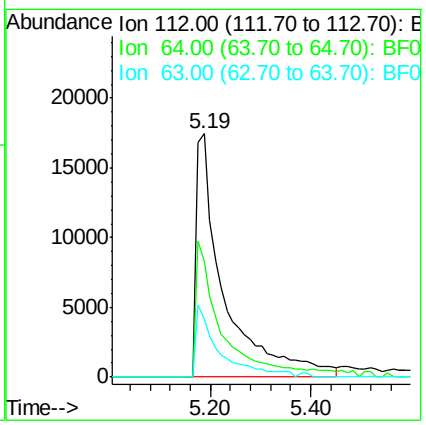


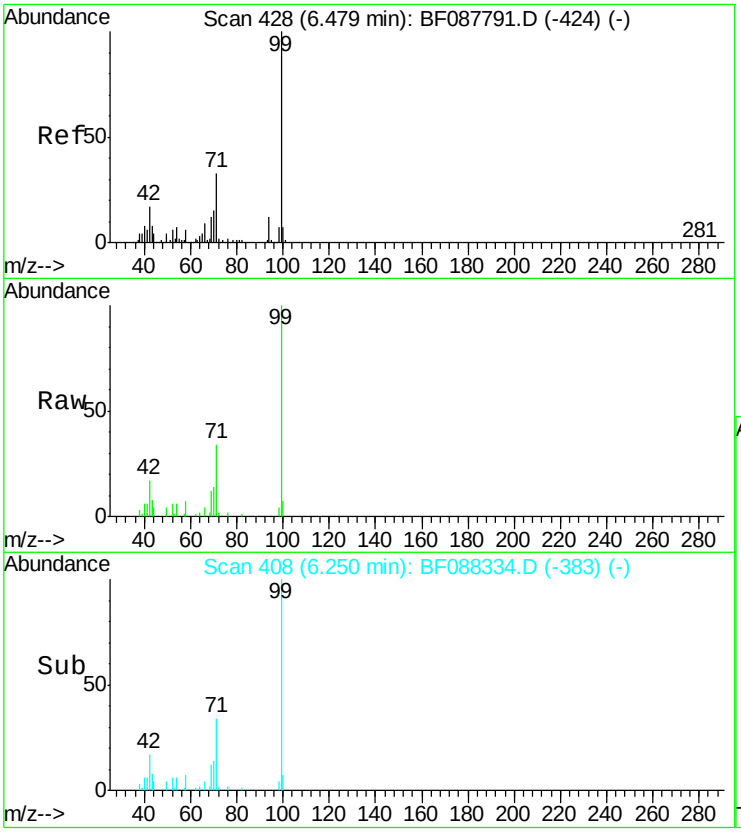


#5
2-Fluorophenol
Concen: 33.22 ng
RT: 5.19 min Scan# 315
Delta R.T. 0.01 min
Lab File: BF088334.D
Acq: 24 Jun 2016 16:27

Tgt Ion:112 Resp: 66888

Ion	Ratio	Lower	Upper
112	100		
64	47.6	42.2	63.2
63	23.8	21.8	32.8



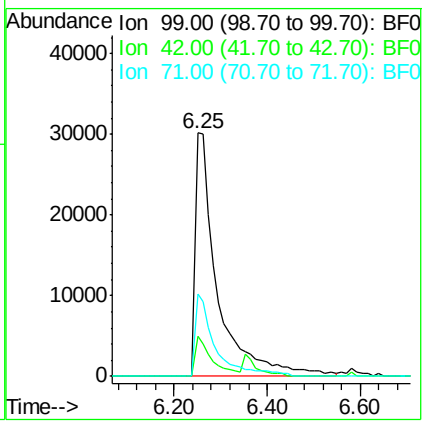


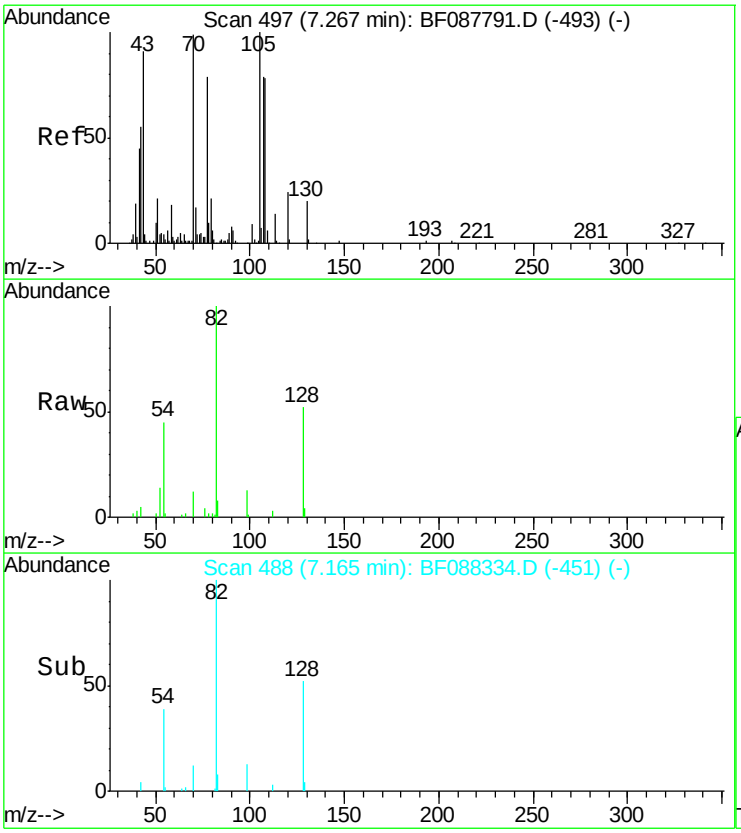
#7
Phenol-d6
Concen: 40.71 ng
RT: 6.25 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF088334.D
Acq: 24 Jun 2016 16:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 99337

Ion	Ratio	Lower	Upper
99	100		
42	16.5	12.2	18.2
71	33.6	23.4	35.0

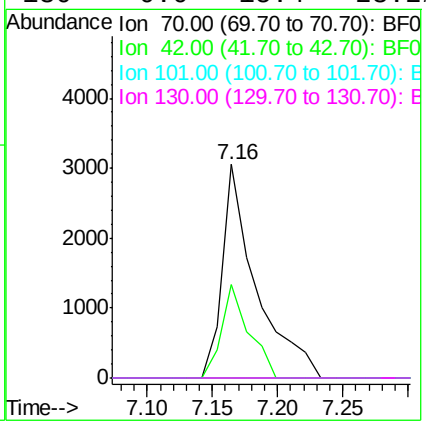


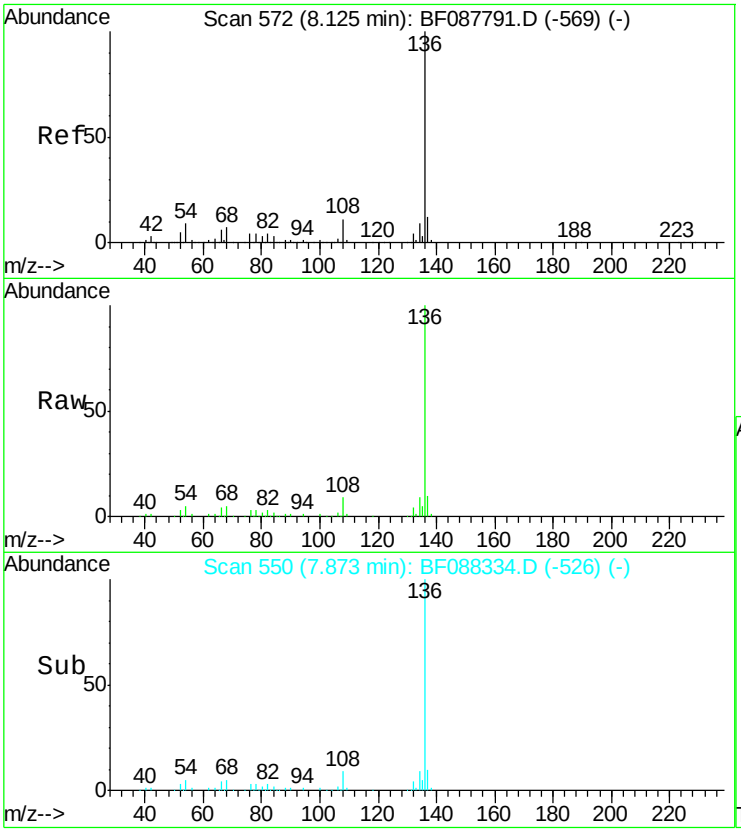


#19
n-Nitroso-di-n-propylamine
Concen: 3.55 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.13 min
Lab File: BF088334.D
Acq: 24 Jun 2016 16:27

Tgt Ion: 70 Resp: 5536

Ion	Ratio	Lower	Upper
70	100		
42	44.0	49.6	74.4#
101	0.0	7.1	10.7#
130	0.0	15.4	23.2#



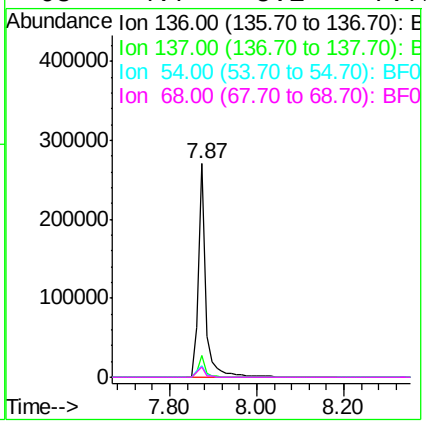


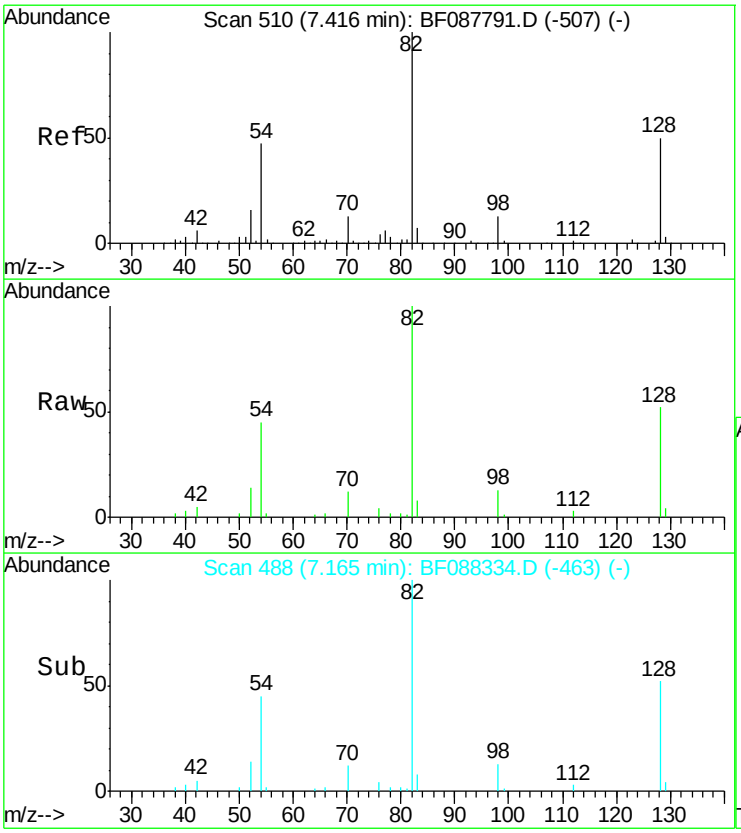
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF088334.D
Acq: 24 Jun 2016 16:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 312359

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	5.3	6.6	10.0#
68	4.7	5.1	7.7#

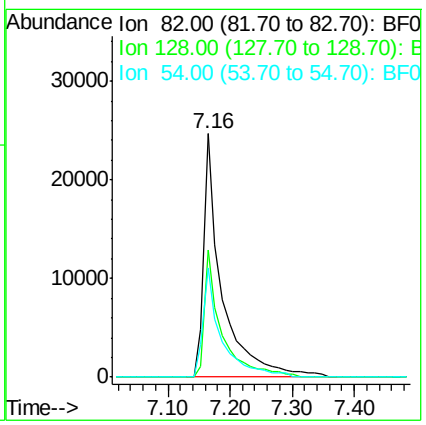


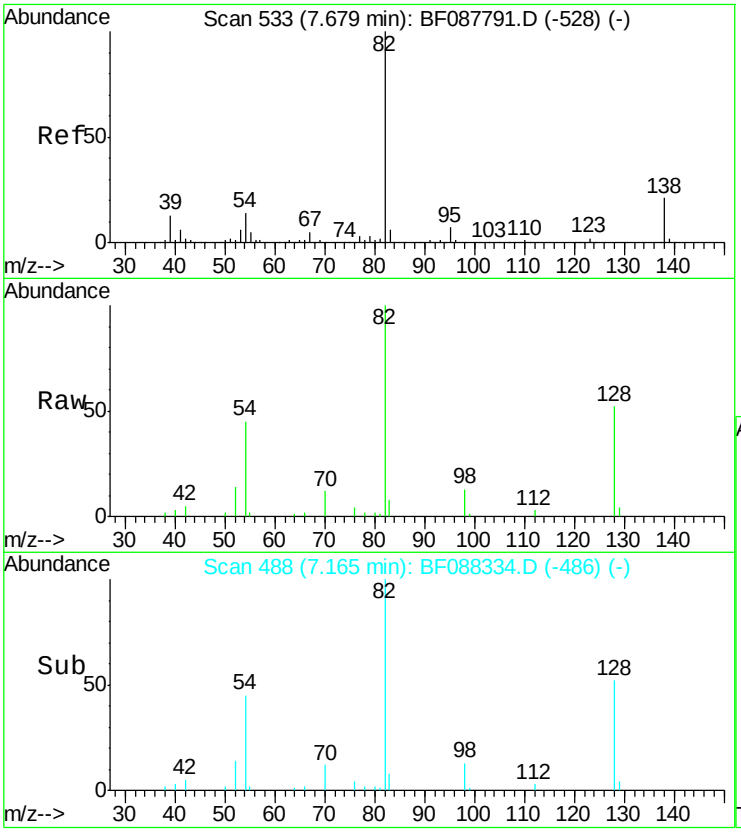


#23
Nitrobenzene-d5
Concen: 9.39 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF088334.D
Acq: 24 Jun 2016 16:27

Tgt Ion: 82 Resp: 50235

Ion	Ratio	Lower	Upper
82	100		
128	52.3	35.9	53.9
54	44.7	40.9	61.3



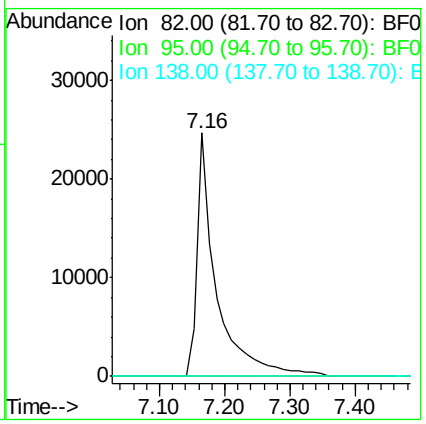


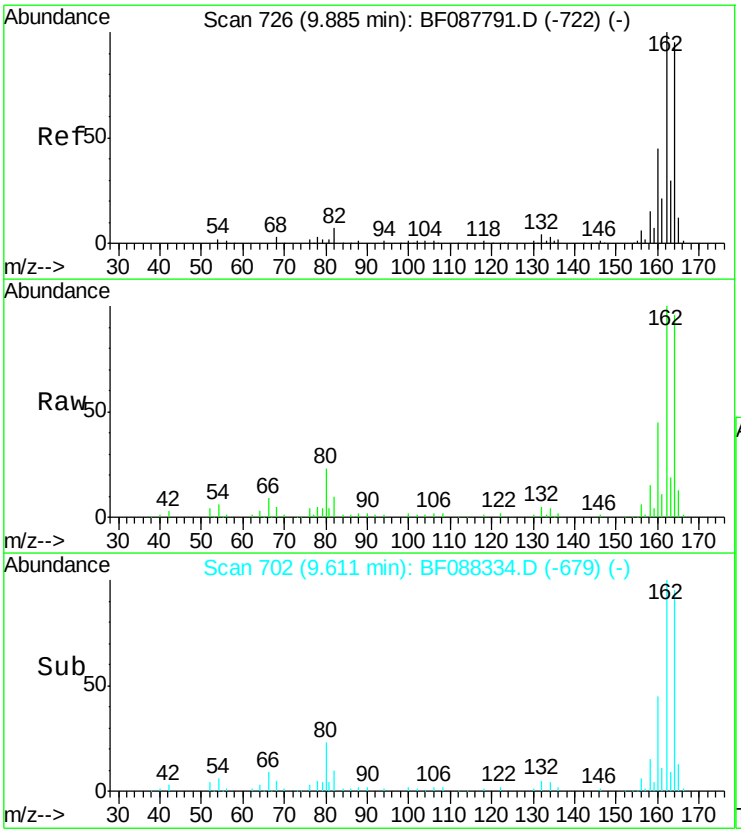
#25
Isophorone
Concen: 5.07 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.27 min
Lab File: BF088334.D
Acq: 24 Jun 2016 16:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 50238

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#

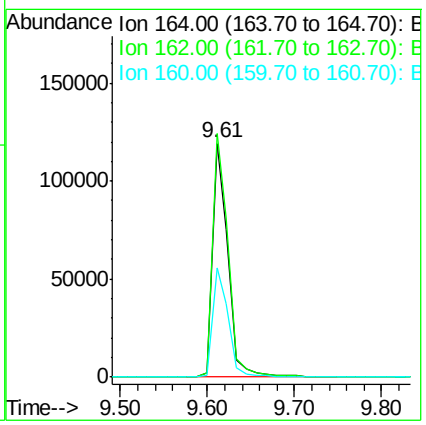


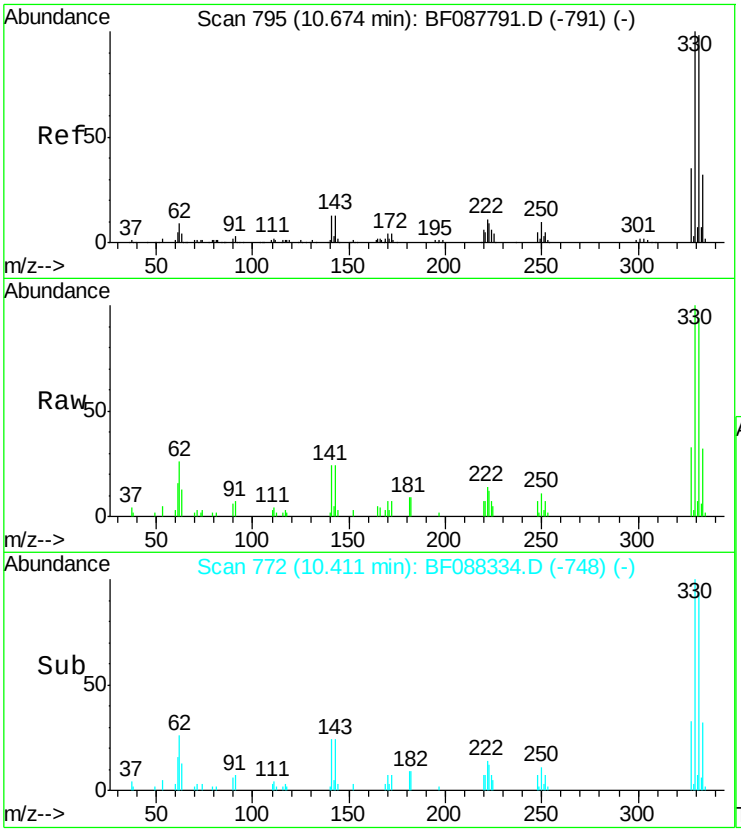


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF088334.D
Acq: 24 Jun 2016 16:27

Tgt Ion:164 Resp: 147492

Ion	Ratio	Lower	Upper
164	100		
162	104.0	85.4	128.2
160	46.7	39.5	59.3



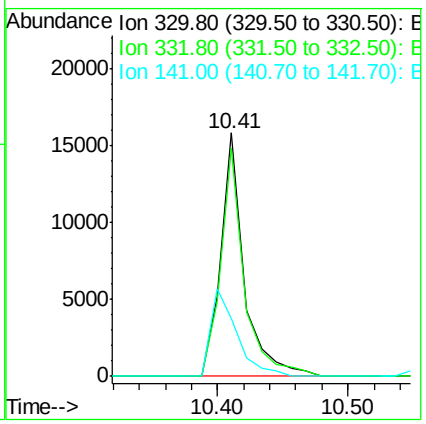


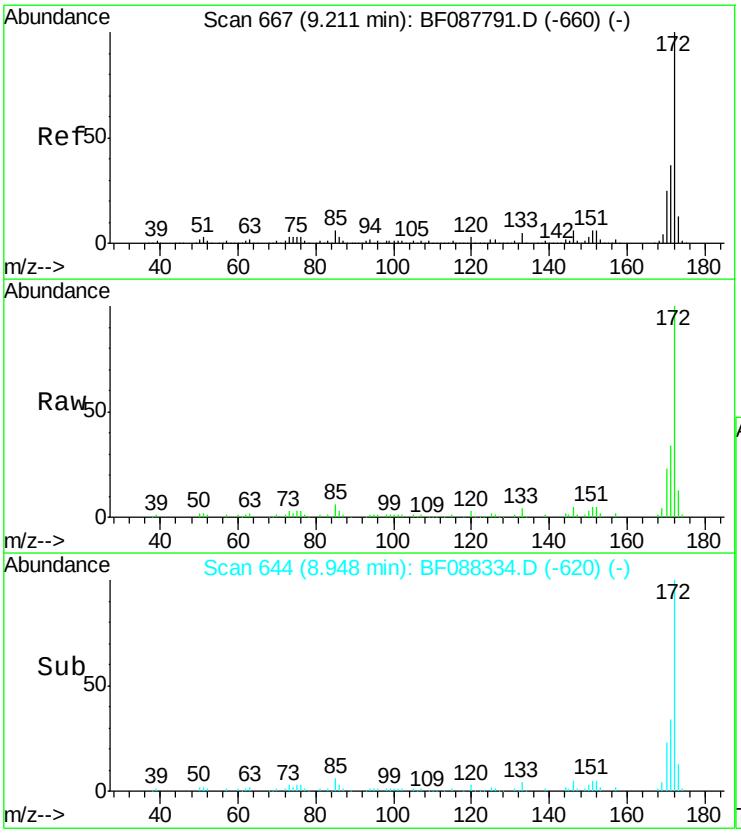
#41
2,4,6-Tribromophenol
Concen: 12.73 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF088334.D
Acq: 24 Jun 2016 16:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 19820

Ion	Ratio	Lower	Upper
330	100		
332	94.4	0.0	0.0#
141	40.0	0.0	0.0#

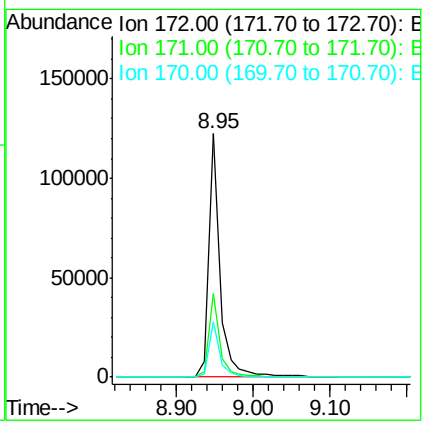


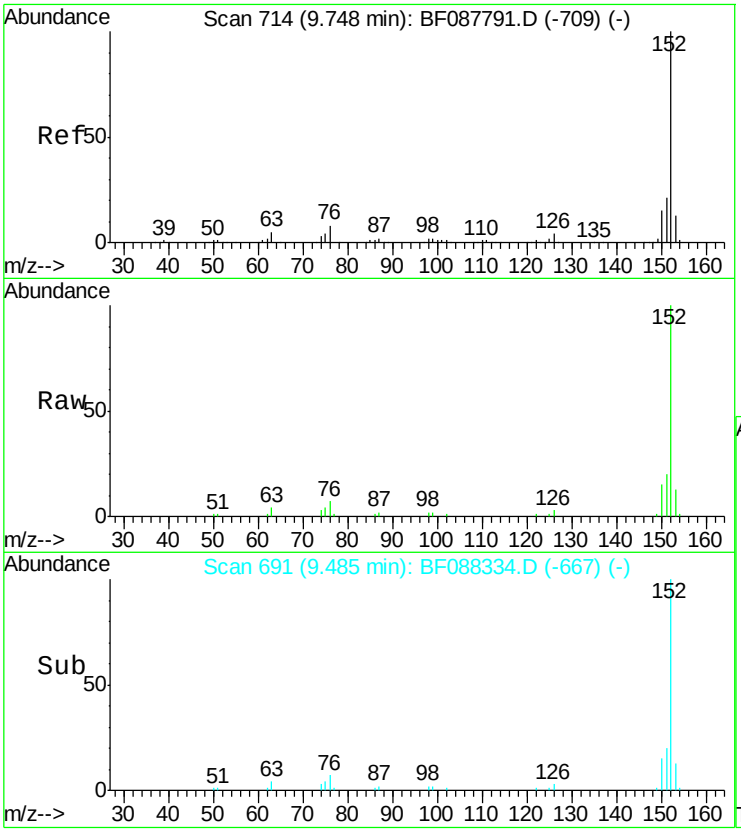


#44
2-Fluorobiphenyl
Concen: 8.09 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF088334.D
Acq: 24 Jun 2016 16:27

Tgt Ion:172 Resp: 122960

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.6	43.0
170	22.9	19.2	28.8



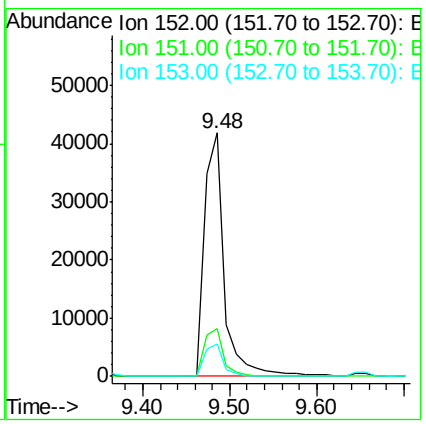


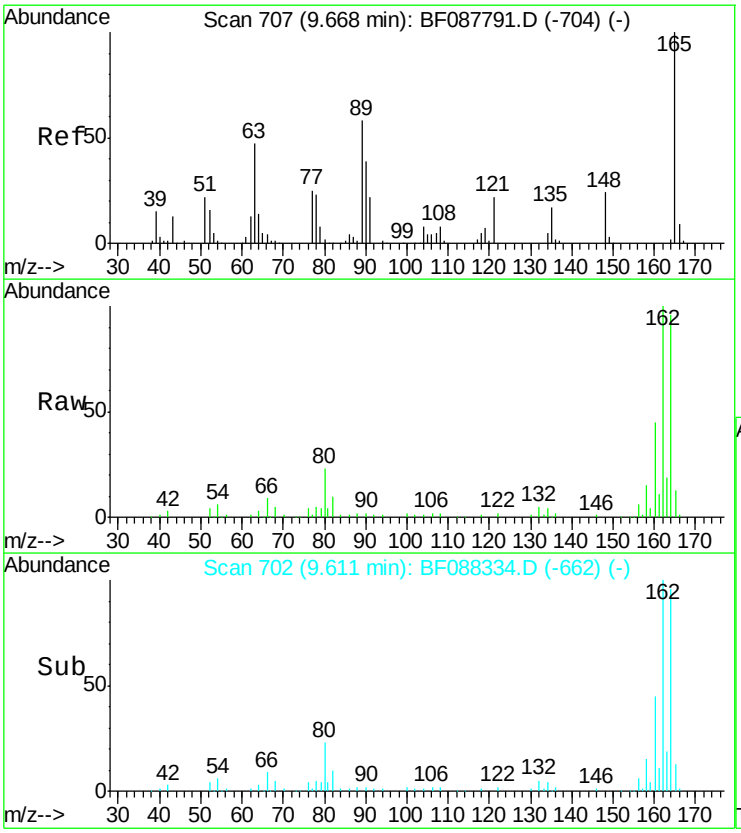
#48
Acenaphthylene
Concen: 4.36 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF088334.D
Acq: 24 Jun 2016 16:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 66216

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.2	24.4
153	13.3	11.0	16.6

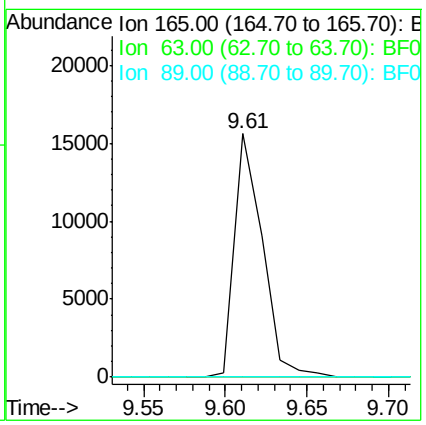


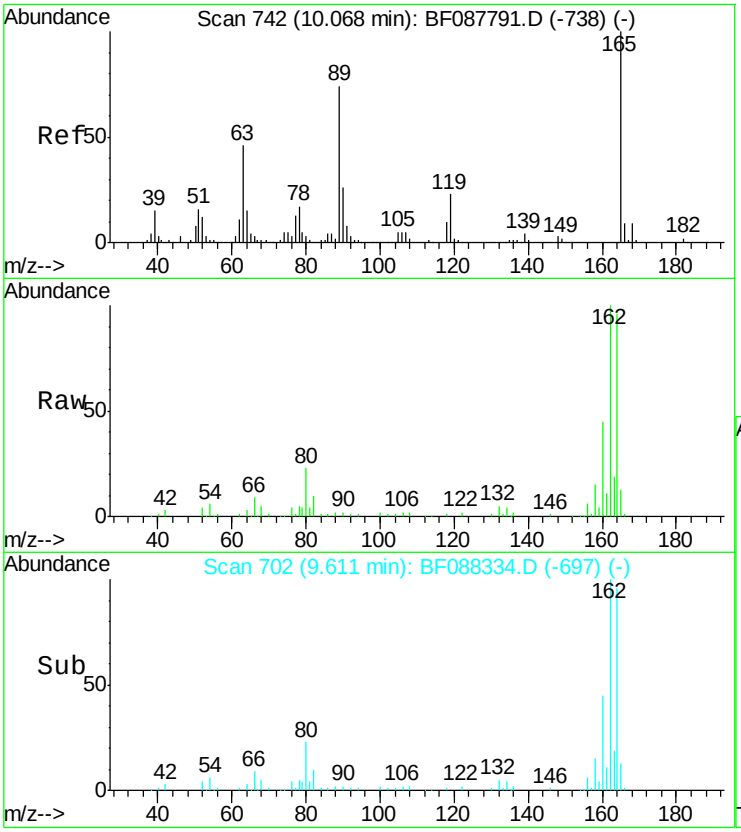


#50
2,6-Dinitrotoluene
Concen: 7.53 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.16 min
Lab File: BF088334.D
Acq: 24 Jun 2016 16:27

Tgt Ion:165 Resp: 18421

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	0.0	32.2	48.2#



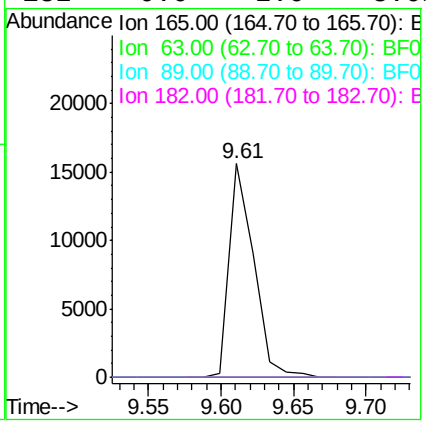


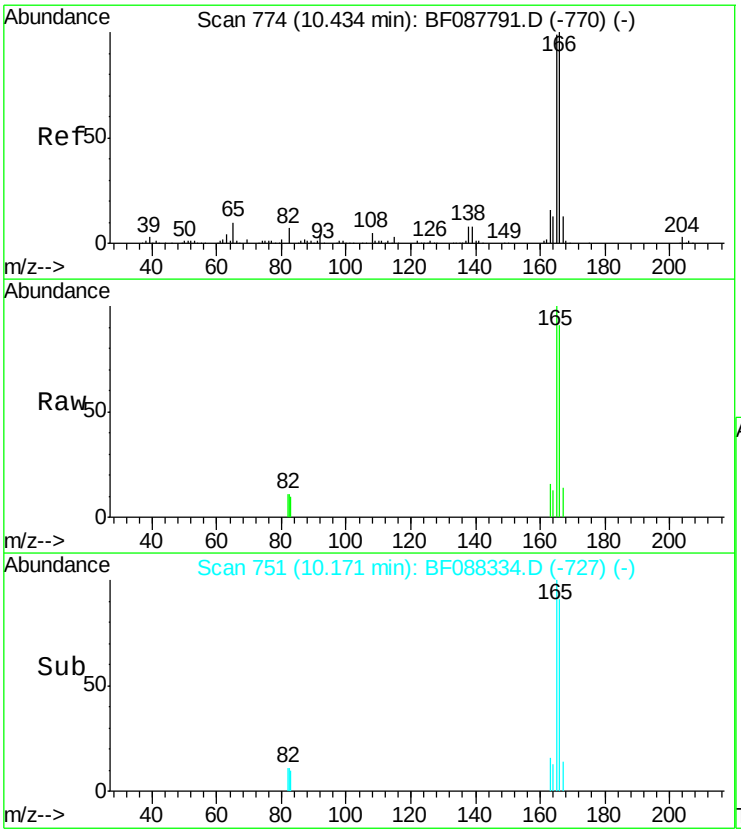
#56
2,4-Dinitrotoluene
Concen: 5.86 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.24 min
Lab File: BF088334.D
Acq: 24 Jun 2016 16:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 18421

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

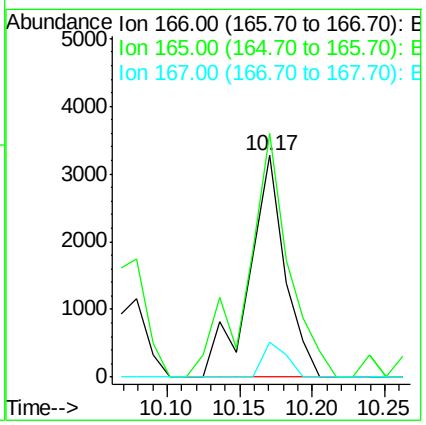


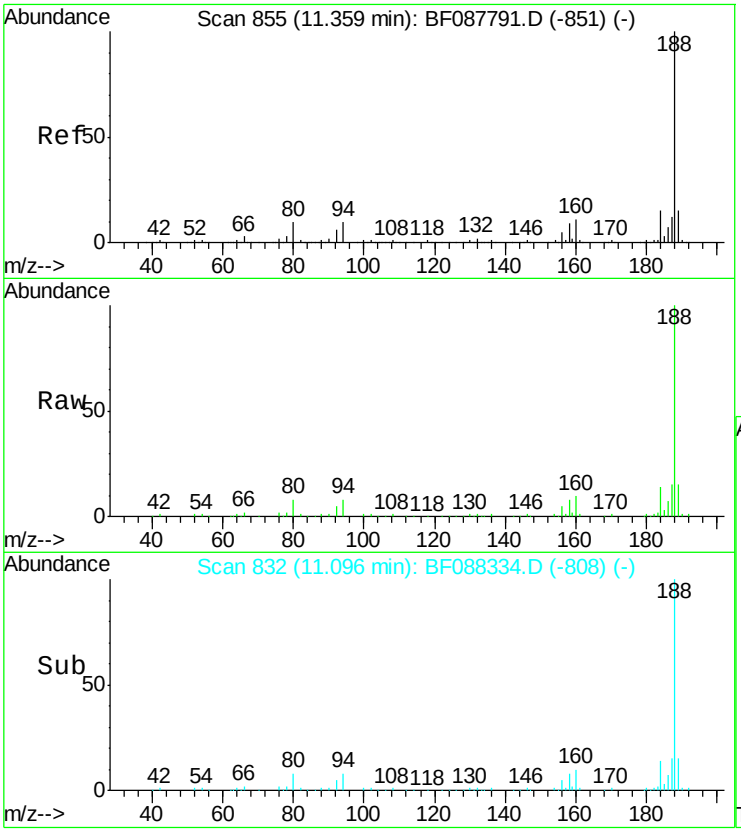


#57
Fluorene
Concen: Below Cal
RT: 10.17 min Scan# 751
Delta R.T. -0.02 min
Lab File: BF088334.D
Acq: 24 Jun 2016 16:27

Tgt Ion:166 Resp: 5610

Ion	Ratio	Lower	Upper
166	100		
165	110.0	77.8	116.8
167	15.9	11.2	16.8



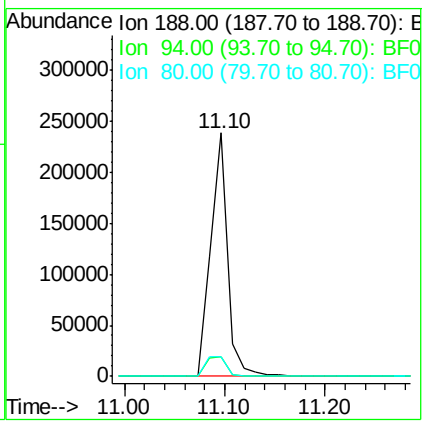


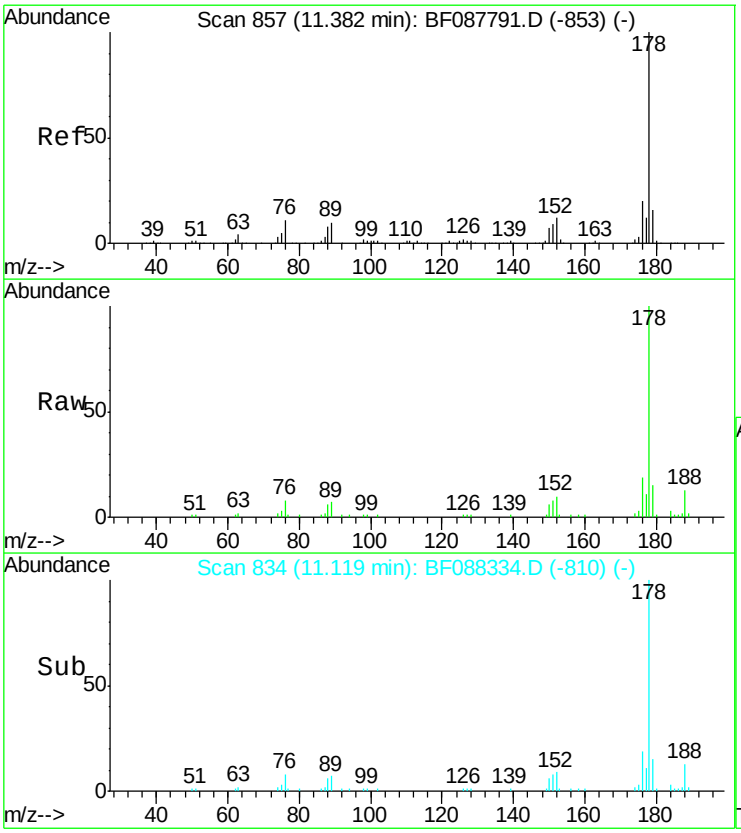
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF088334.D
Acq: 24 Jun 2016 16:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 277294

Ion	Ratio	Lower	Upper
188	100		
94	8.1	9.0	13.6#
80	8.0	10.0	15.0#

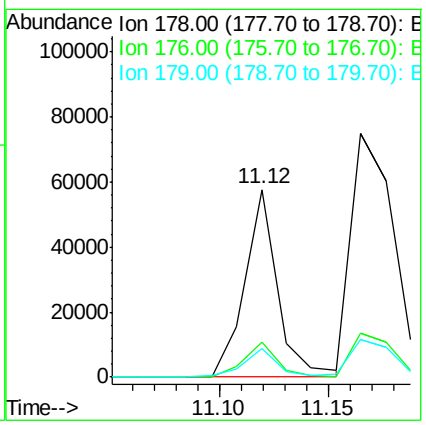


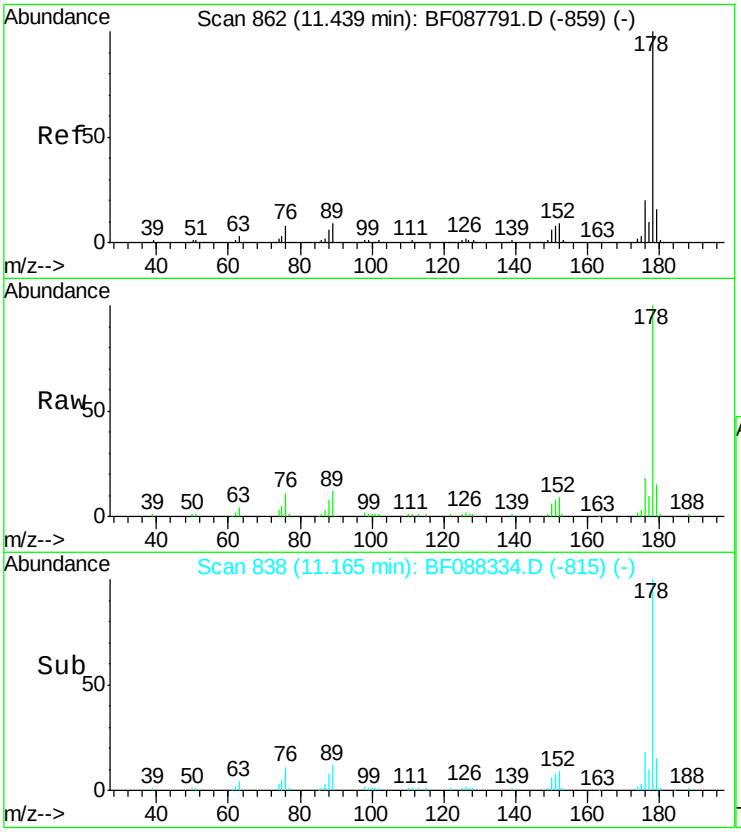


#70
Phenanthrene
Concen: 4.15 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF088334.D
Acq: 24 Jun 2016 16:27

Tgt Ion:178 Resp: 60420

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.6
179	15.3	13.0	19.4



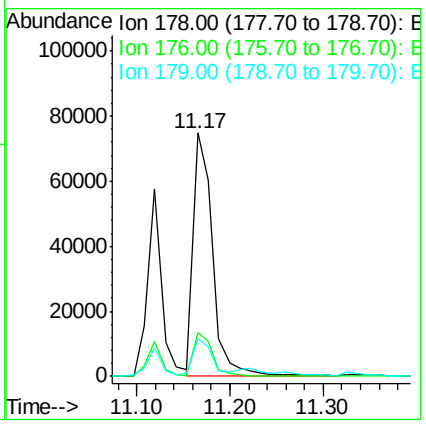


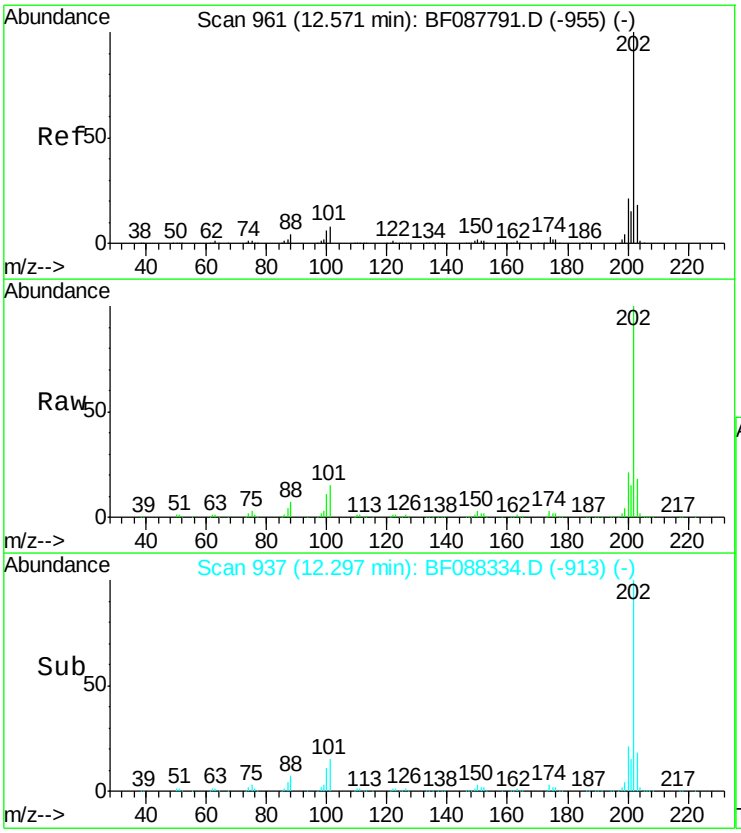
#71
Anthracene
Concen: 7.43 ng
RT: 11.17 min Scan# 838
Delta R.T. -0.03 min
Lab File: BF088334.D
Acq: 24 Jun 2016 16:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 109091

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.6	23.4
179	15.4	12.8	19.2

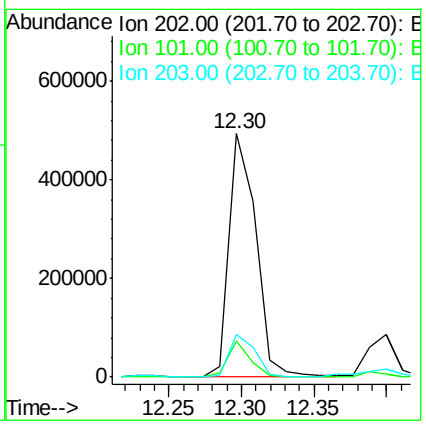


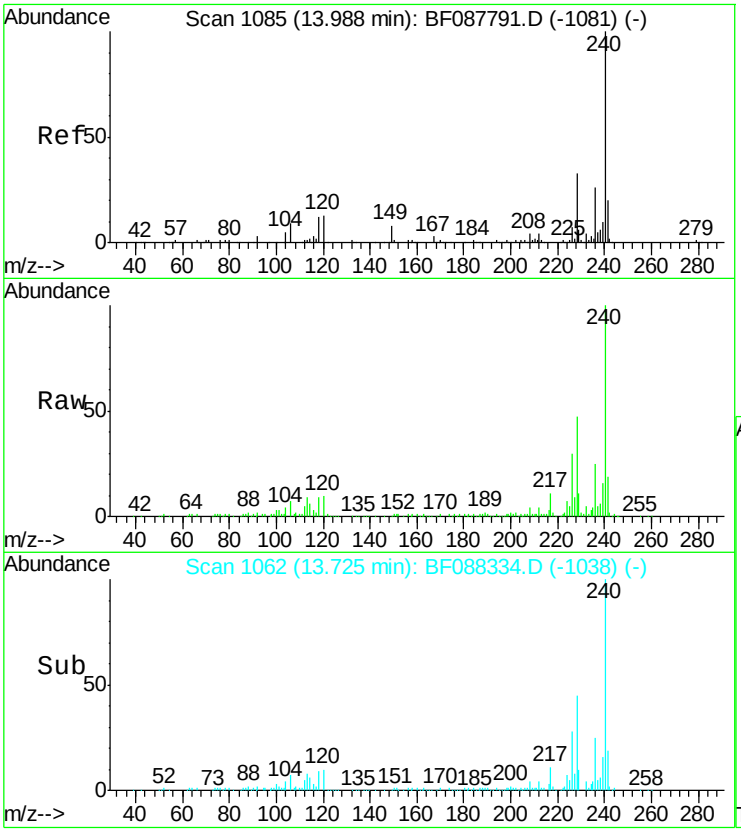


#74
Fluoranthene
Concen: 41.41 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.02 min
Lab File: BF088334.D
Acq: 24 Jun 2016 16:27

Tgt Ion:202 Resp: 635898

Ion	Ratio	Lower	Upper
202	100		
101	15.0	0.0	33.1
203	17.7	0.0	38.1



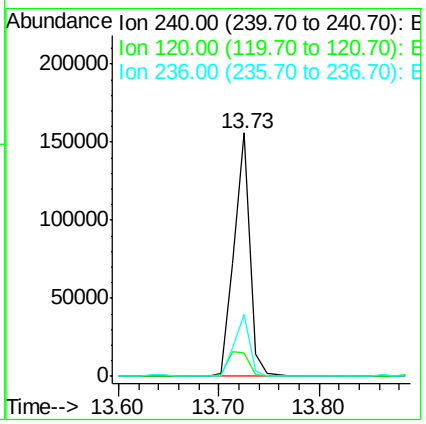


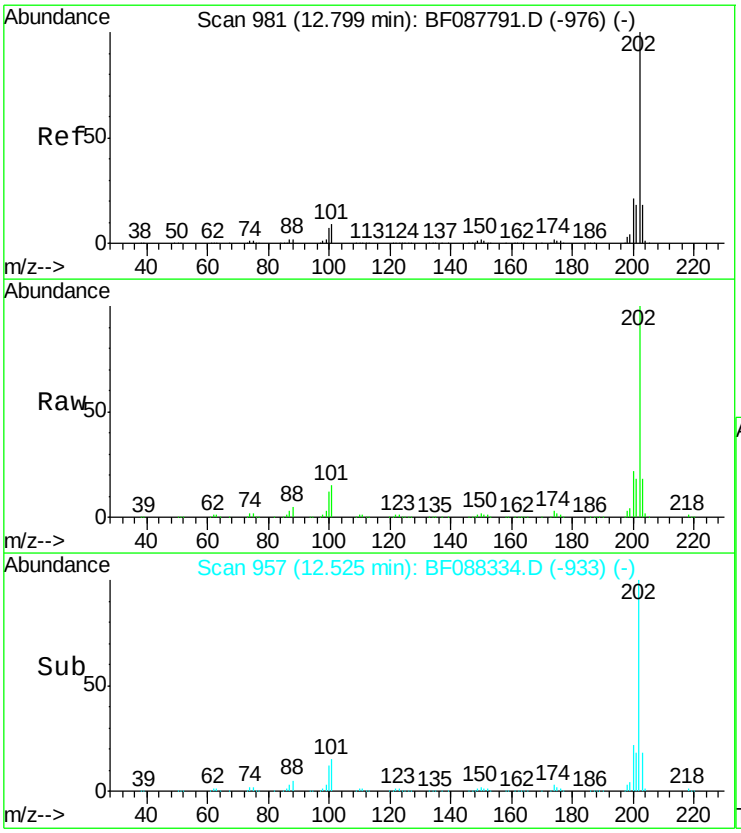
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF088334.D
Acq: 24 Jun 2016 16:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 170353

Ion	Ratio	Lower	Upper
240	100		
120	9.6	6.8	10.2
236	25.4	20.2	30.2

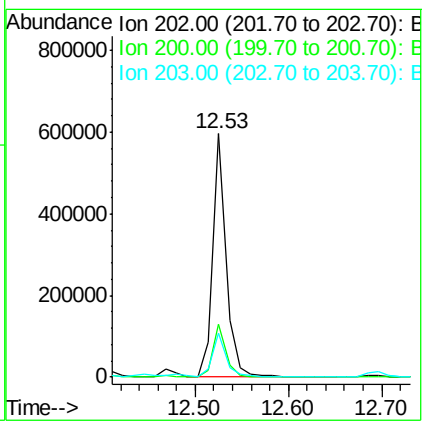


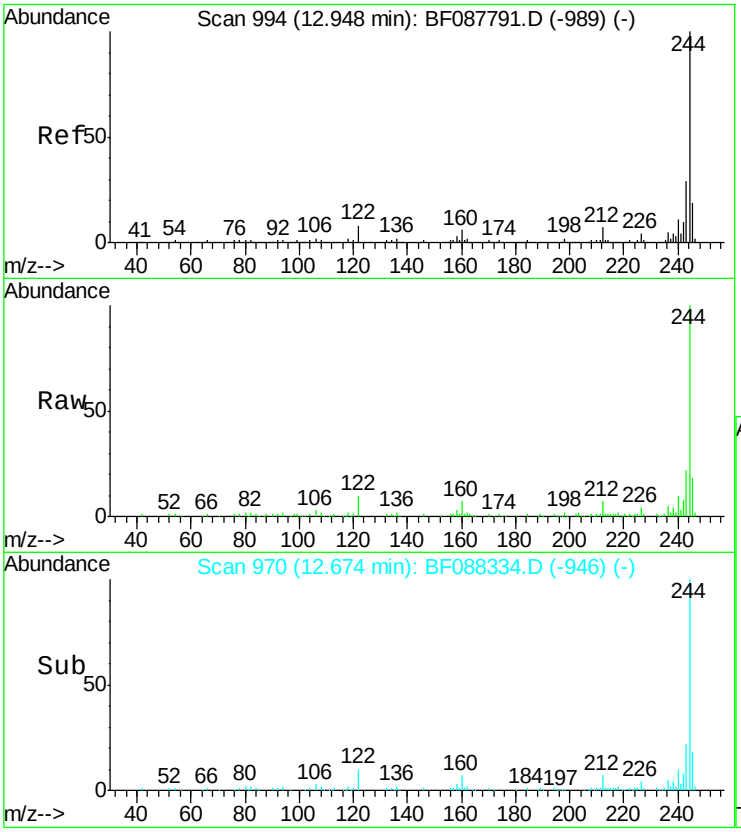


#77
Pyrene
Concen: 46.37 ng
RT: 12.53 min Scan# 957
Delta R.T. -0.02 min
Lab File: BF088334.D
Acq: 24 Jun 2016 16:27

Tgt Ion:202 Resp: 586228

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.9	14.5	21.7



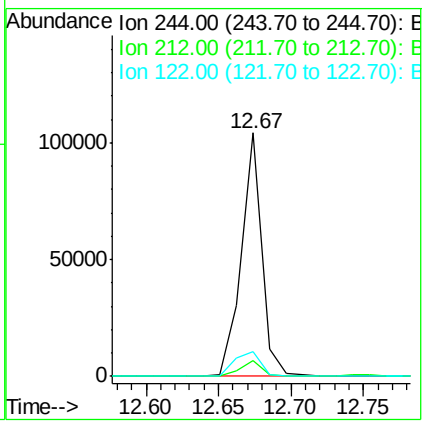


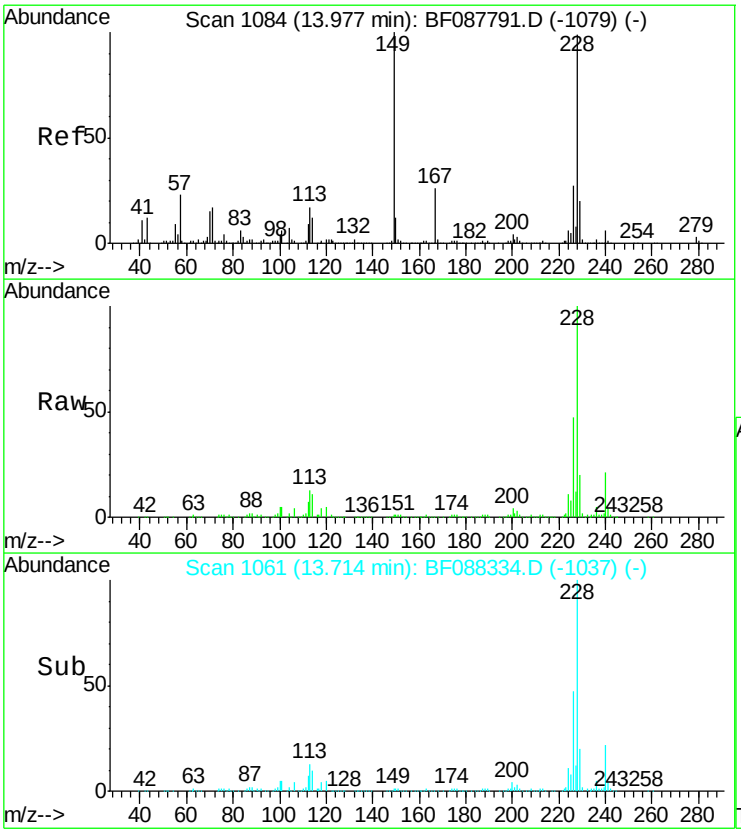
#78
Terphenyl-d14
Concen: 13.67 ng
RT: 12.67 min Scan# 970
Delta R.T. -0.02 min
Lab File: BF088334.D
Acq: 24 Jun 2016 16:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 102369

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	10.3	11.2	16.8#

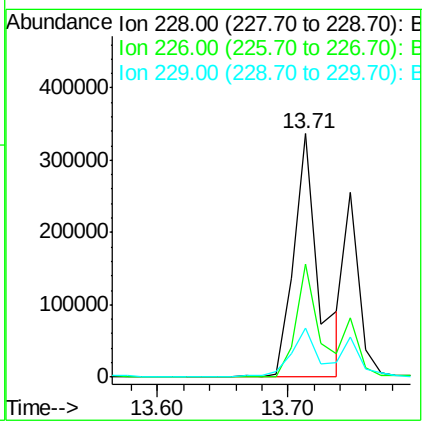


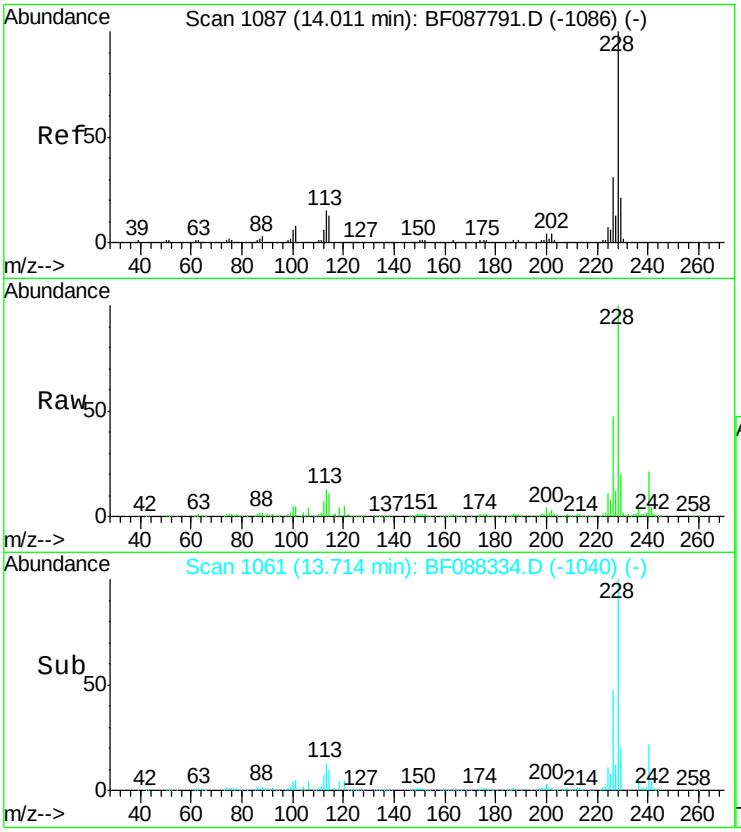


#80
Benzo(a)anthracene
Concen: 45.41 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BF088334.D
Acq: 24 Jun 2016 16:27

Tgt Ion:228 Resp: 440791

Ion	Ratio	Lower	Upper
228	100		
226	46.6	22.3	33.5#
229	20.2	16.0	24.0



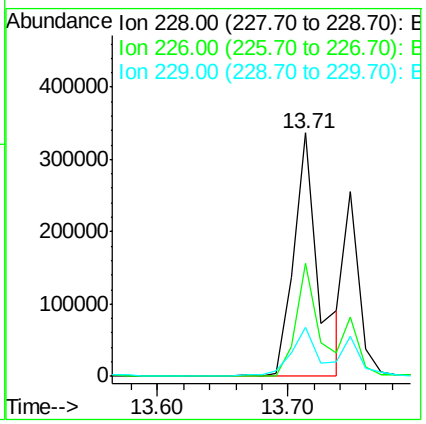


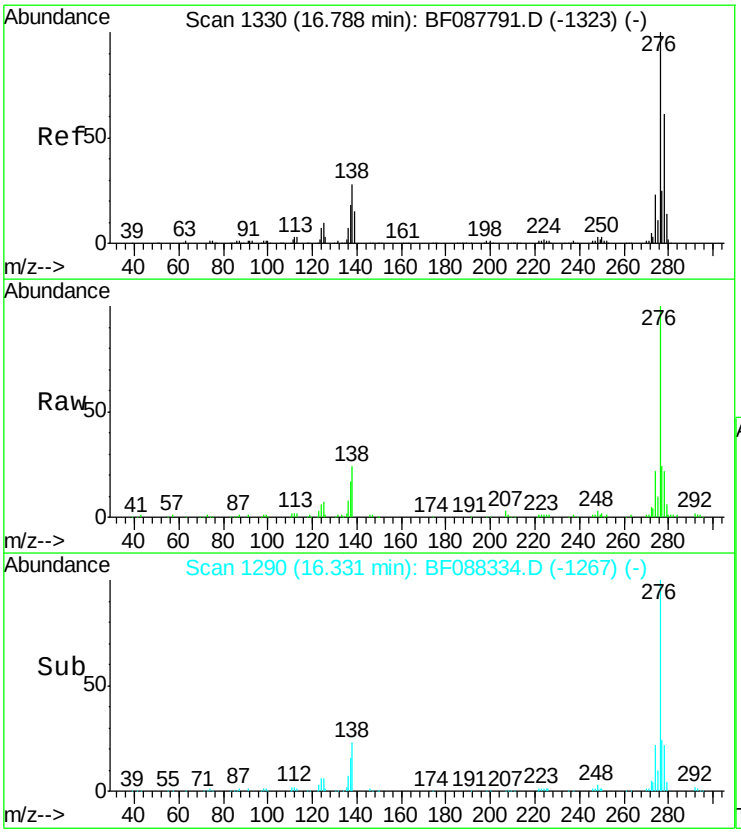
#82
Chrysene
Concen: 48.26 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.06 min
Lab File: BF088334.D
Acq: 24 Jun 2016 16:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 440791

Ion	Ratio	Lower	Upper
228	100		
226	46.6	25.4	38.2#
229	20.2	16.3	24.5

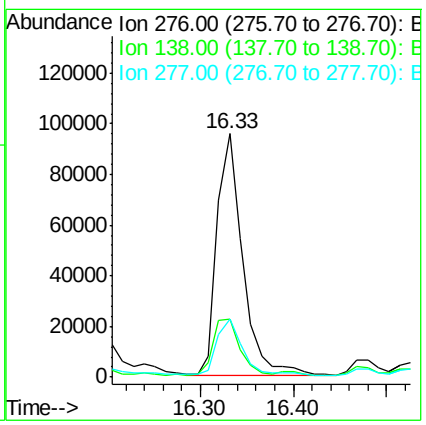


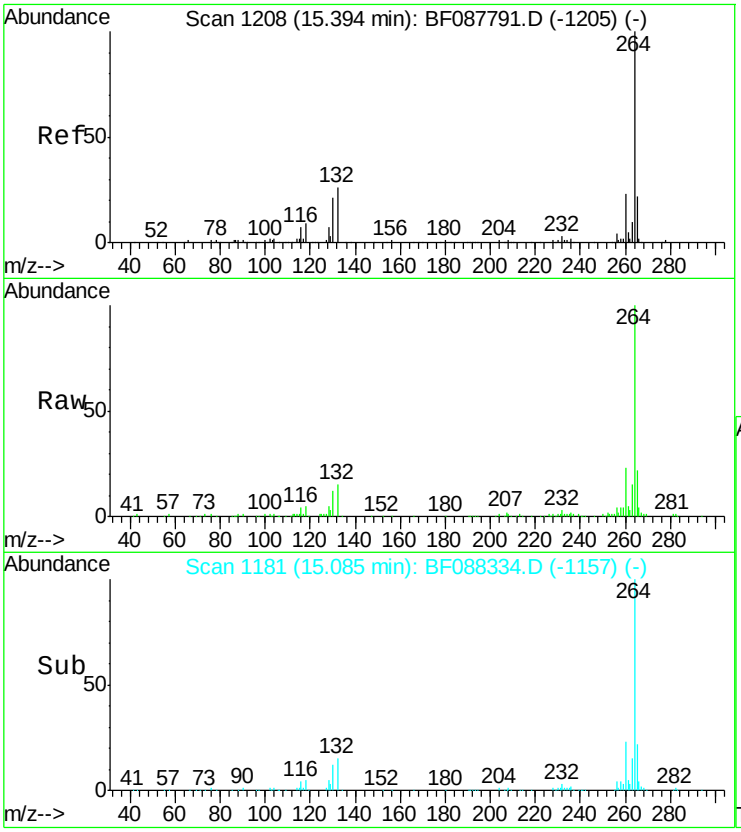


#85
Indeno(1,2,3-cd)pyrene
Concen: 21.35 ng
RT: 16.33 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BF088334.D
Acq: 24 Jun 2016 16:27

Tgt Ion:276 Resp: 181201

Ion	Ratio	Lower	Upper
276	100		
138	24.6	0.0	0.0#
277	23.5	0.0	0.0#



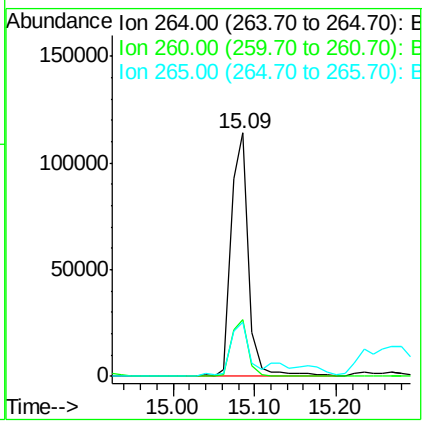


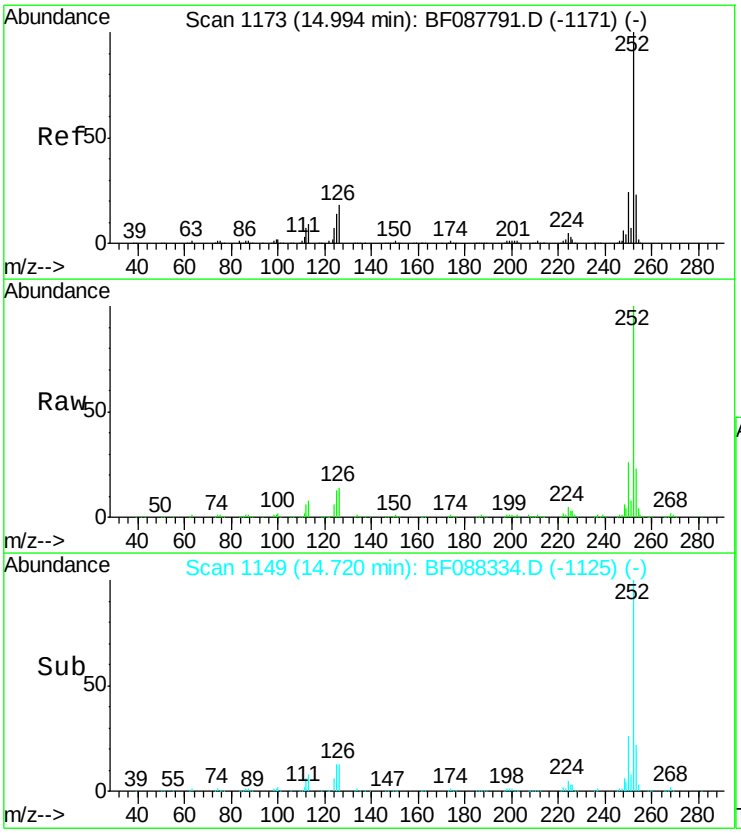
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF088334.D
Acq: 24 Jun 2016 16:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 168411

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.2	16.9	25.3

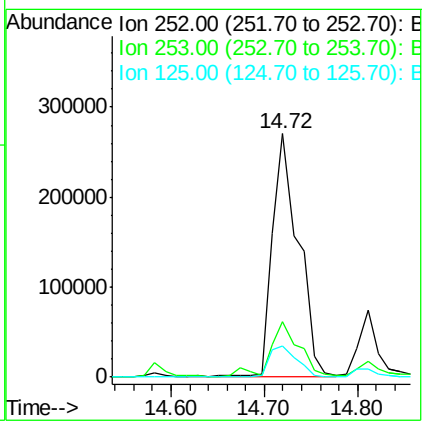


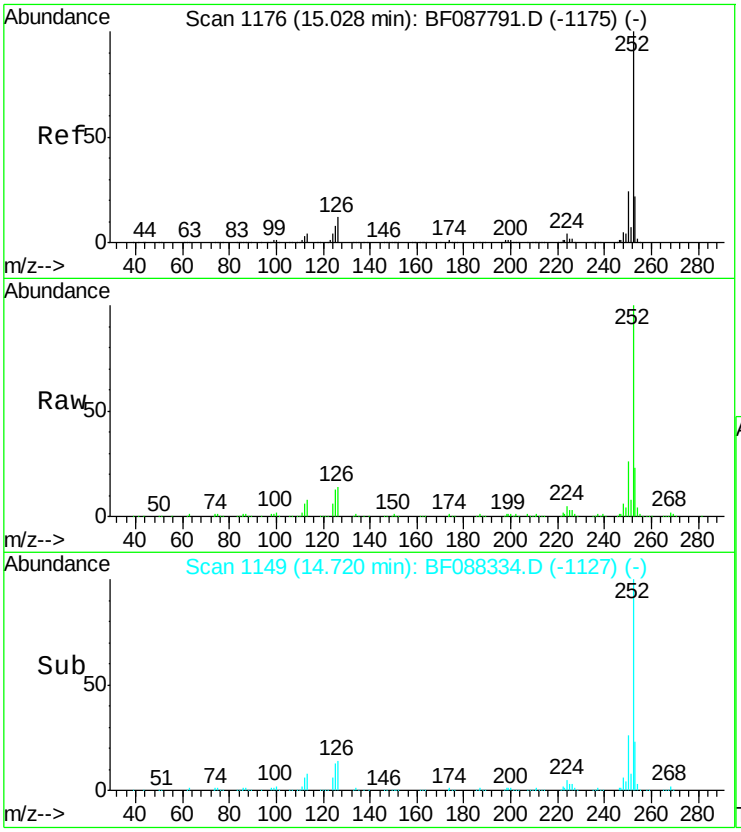


#87
Benzo(b)fluoranthene
Concen: 44.13 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF088334.D
Acq: 24 Jun 2016 16:27

Tgt Ion:252 Resp: 517944

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	13.0	7.1	10.7#



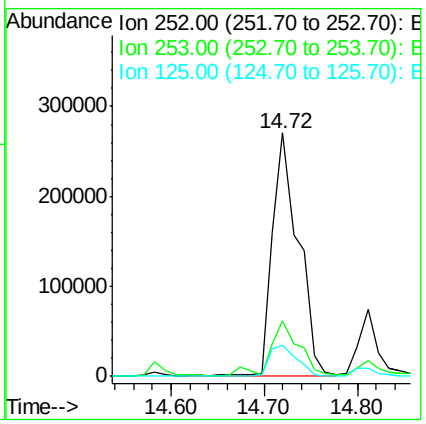


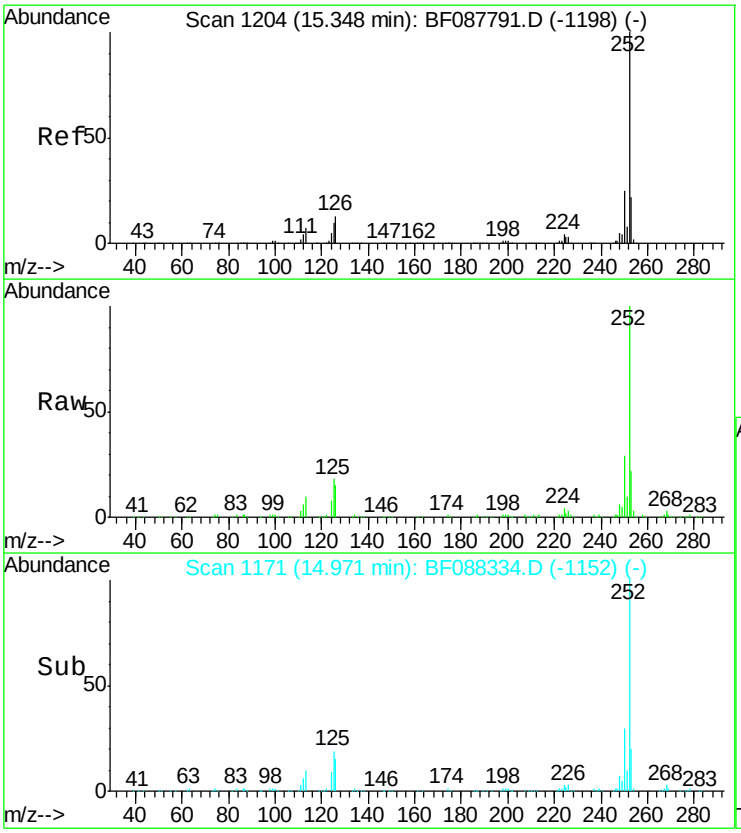
#88
Benzo(k)fluoranthene
Concen: 58.49 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.05 min
Lab File: BF088334.D
Acq: 24 Jun 2016 16:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 517944

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	13.0	11.2	16.8

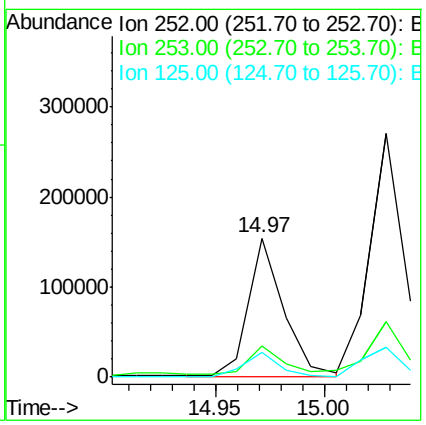


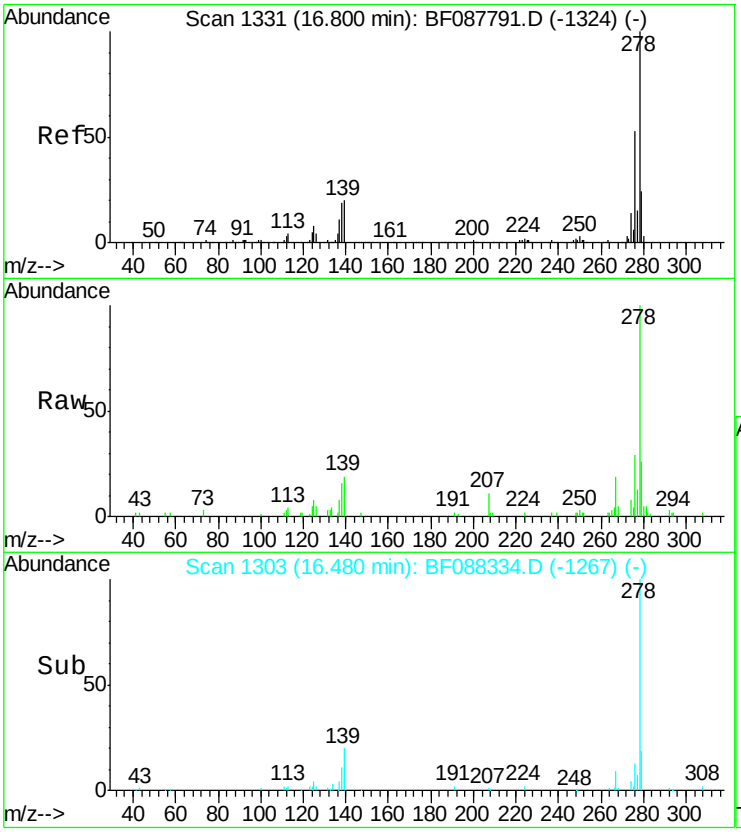


#89
Benzo(a)pyrene
Concen: 18.20 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.08 min
Lab File: BF088334.D
Acq: 24 Jun 2016 16:27

Tgt Ion:252 Resp: 172864

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	17.6	12.5	18.7



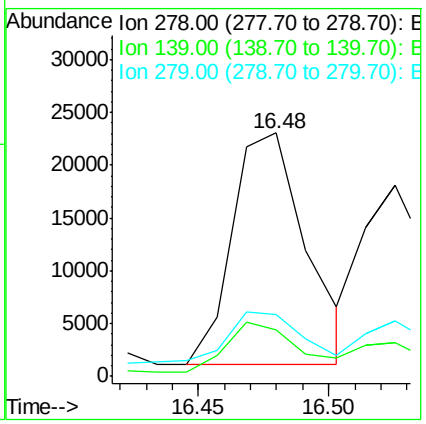


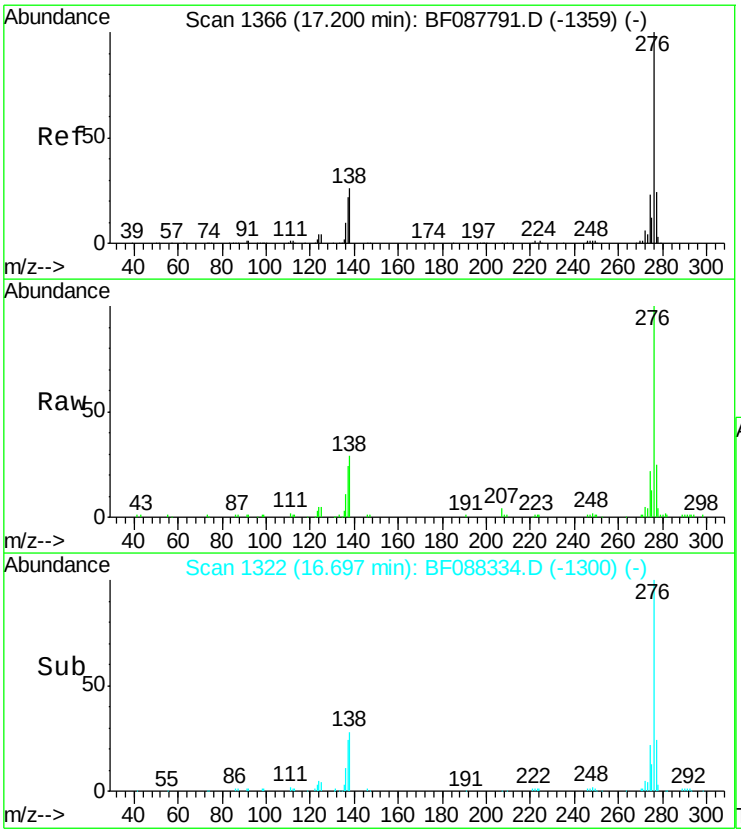
#90
Dibenzo(a,h)anthracene
Concen: 4.94 ng
RT: 16.48 min Scan# 1303
Delta R.T. 0.11 min
Lab File: BF088334.D
Acq: 24 Jun 2016 16:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 43581

Ion	Ratio	Lower	Upper
278	100		
139	18.9	15.7	23.5
279	25.6	19.4	29.2





#91
Benzo(g,h,i)perylene
Concen: 16.70 ng
RT: 16.70 min Scan# 1322
Delta R.T. -0.05 min
Lab File: BF088334.D
Acq: 24 Jun 2016 16:27

Tgt Ion:276 Resp: 151516

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.9	28.3
138	28.6	21.4	32.2