Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070116\
Data File : BF088572.D
Acq On : 1 Jul 2016 13:52
Operator : UM/SJ
Sample : H3808-19 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 01 14:37:11 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	147209	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	561781	20.00	ng		-0.01
38) Acenaphthene-d10	9.84	164	245405	20.00	ng		-0.01
63) Phenanthrene-d10	11.32	188	443029	20.00	ng		0.00
75) Chrysene-d12	13.94	240	278628	20.00	ng		-0.01
86) Perylene-d12	15.35	264	292128	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	203174	20.68	ng		-0.01
7) Phenol-d6	6.43	99	263284	20.74	ng		-0.01
23) Nitrobenzene-d5	7.36	82	144795	13.51	ng		-0.02
41) 2,4,6-Tribromophenol	10.63	330	44469	19.51	ng		-0.01
44) 2-Fluorobiphenyl	9.16	172	244293	15.72	ng		-0.01
78) Terphenyl-d14	12.90	244	175005	13.99	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	18586	2.18	ng	#	77
48) Acenaphthylene	9.70	152	53290	2.10	ng		99
50) 2,6-Dinitrotoluene	9.84	165	31694	8.18	ng	#	40
55) 4-Nitrophenol	10.04	139	9975	2.66	ng	#	5
56) 2,4-Dinitrotoluene	9.84	165	31696	6.26	ng	#	38
70) Phenanthrene	11.35	178	424648	17.53	ng		98
71) Anthracene	11.39	178	50688	2.10	ng		97
74) Fluoranthene	12.53	202	428532	17.45	ng		98
77) Pyrene	12.75	202	366211	15.50	ng		98
80) Benzo(a)anthracene	13.97	228	133466	7.44	ng		95
82) Chrysene	13.97	228	133466	7.52	ng		96
85) Indeno(1,2,3-cd)pyrene	16.69	276	87116	6.38	ng	#	100
87) Benzo(b)fluoranthene	14.95	252	261743	14.28	ng	#	94
88) Benzo(k)fluoranthene	14.95	252	261743	16.41	ng		99
89) Benzo(a)pyrene	15.23	252	98141	6.33	ng		93
91) Benzo(g,h,i)perylene	17.09	276	77186	5.76	ng		98

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

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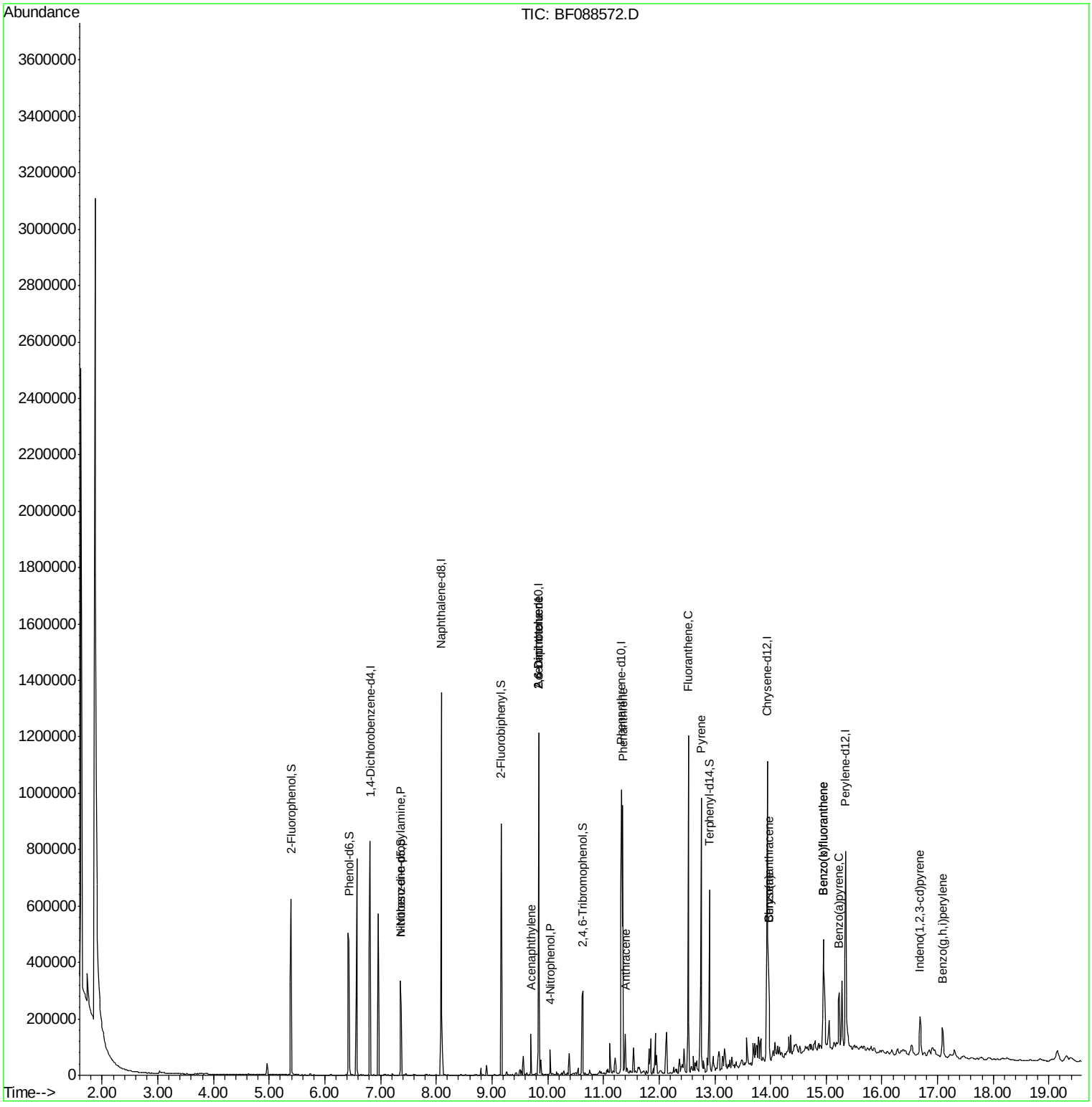
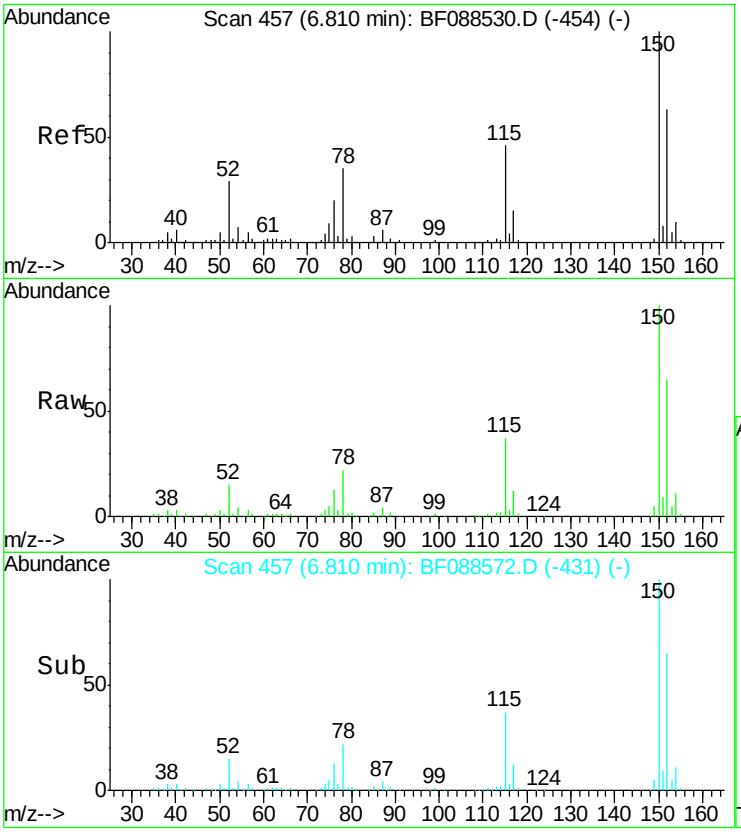
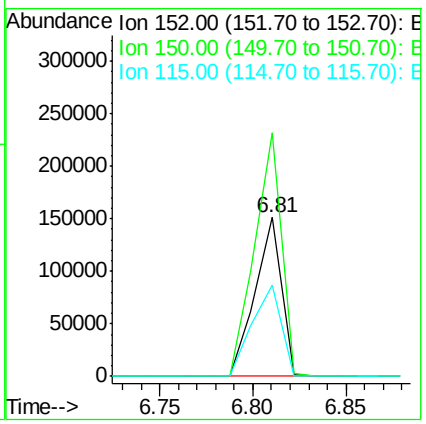




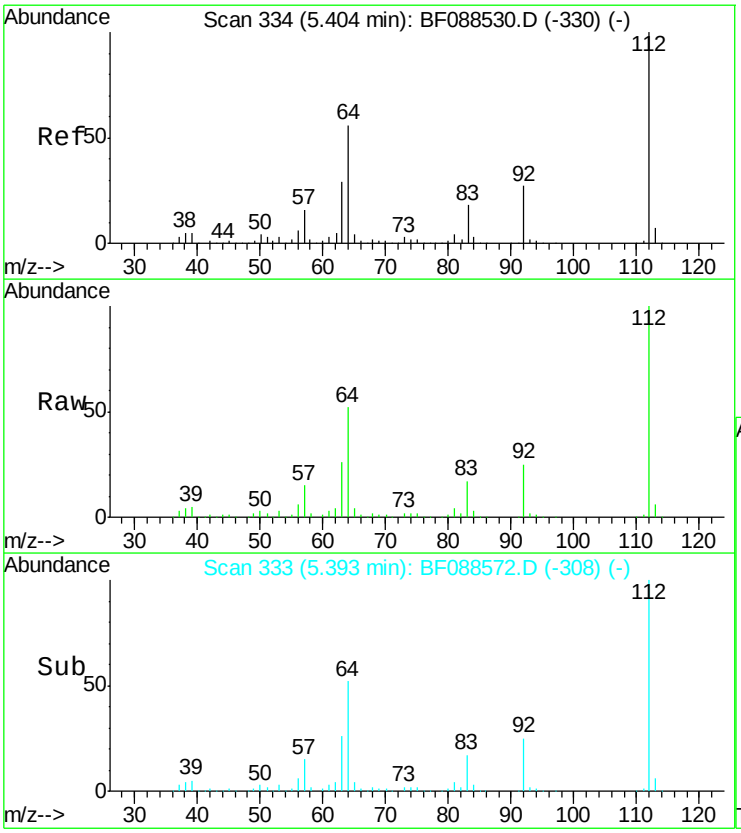
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Tgt Ion:152 Resp: 147209

Ion	Ratio	Lower	Upper
152	100		
150	153.3	123.8	185.6
115	57.1	39.6	59.4



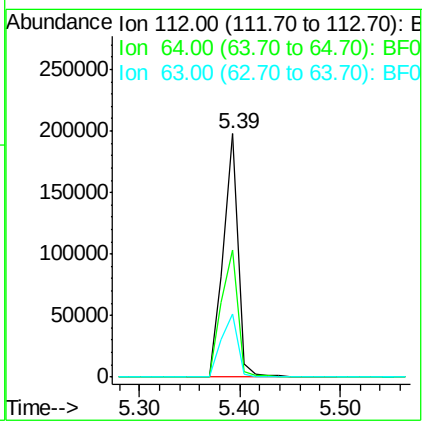
Instrument :
BNA_F
ClientSampleId :

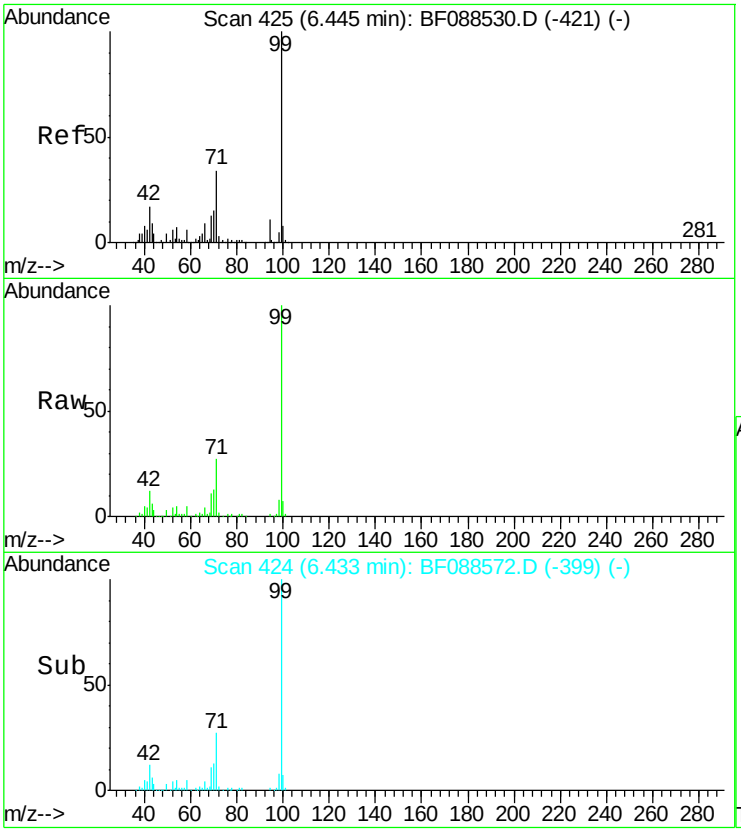


#5
2-Fluorophenol
Concen: 20.68 ng
RT: 5.39 min Scan# 333
Delta R.T. -0.01 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Tgt Ion:112 Resp: 203174

Ion	Ratio	Lower	Upper
112	100		
64	52.0	42.2	63.2
63	25.9	21.8	32.8



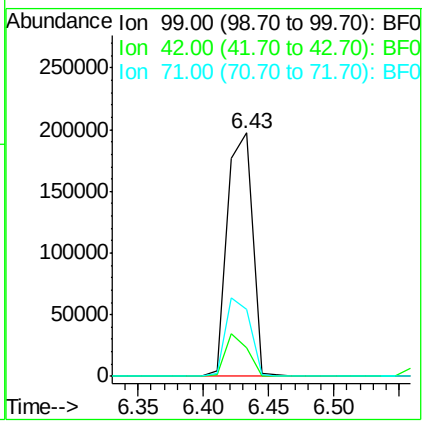


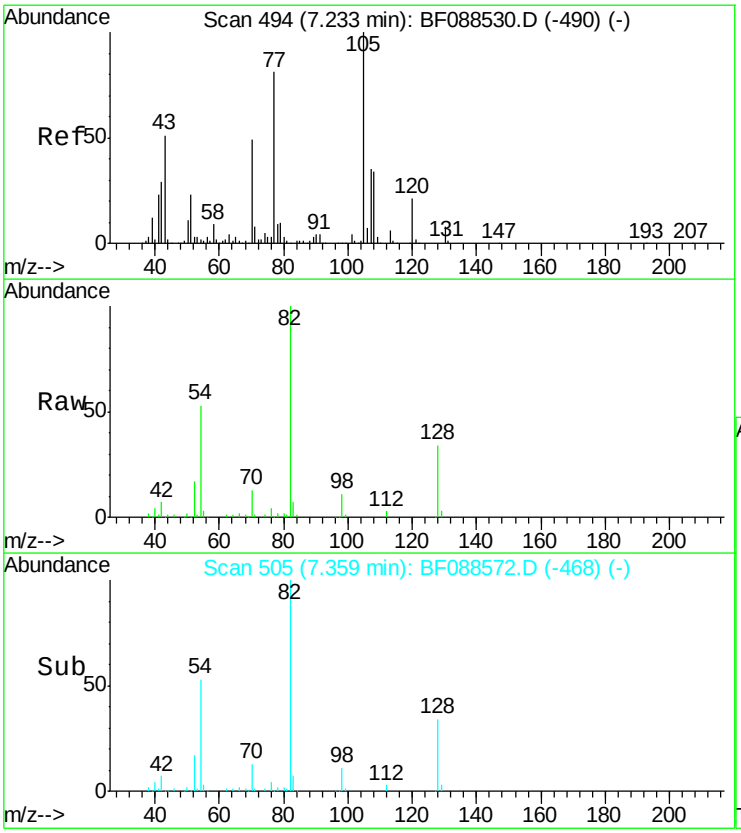
#7
Phenol-d6
Concen: 20.74 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 263284

Ion	Ratio	Lower	Upper
99	100		
42	11.8	12.2	18.2#
71	27.4	23.4	35.0

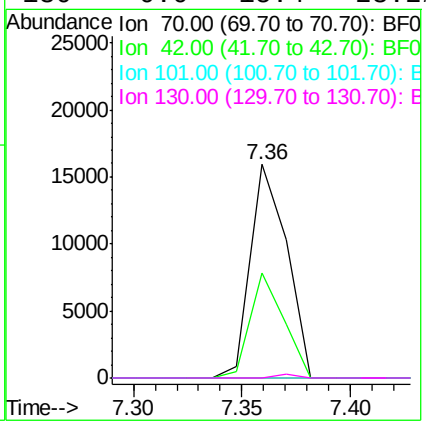


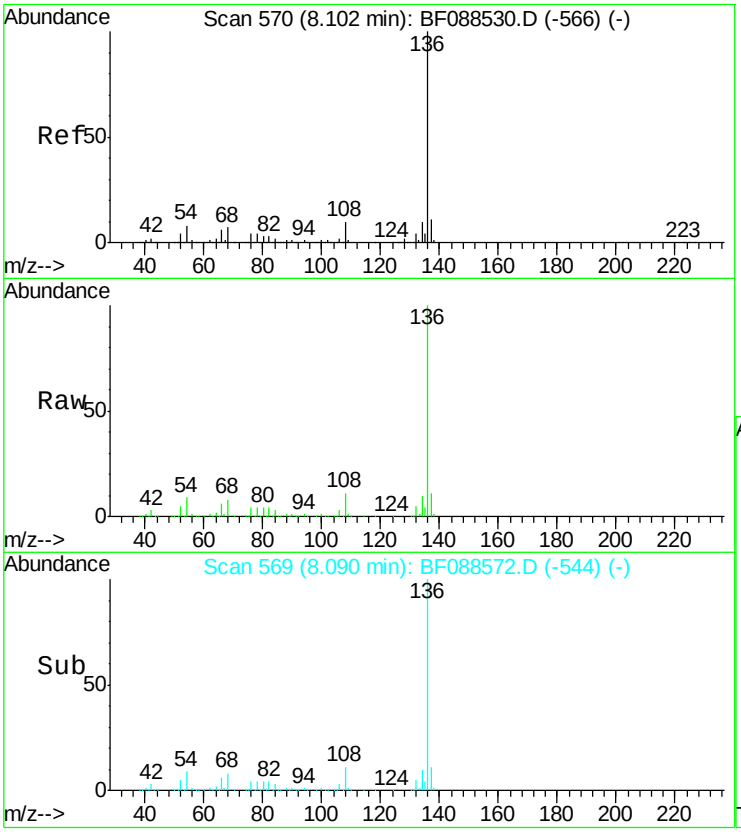


#19
n-Nitroso-di-n-propylamine
Concen: 2.18 ng
RT: 7.36 min Scan# 505
Delta R.T. 0.13 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Tgt Ion: 70 Resp: 18586

Ion	Ratio	Lower	Upper
70	100		
42	49.0	49.6	74.4#
101	0.0	7.1	10.7#
130	0.0	15.4	23.2#



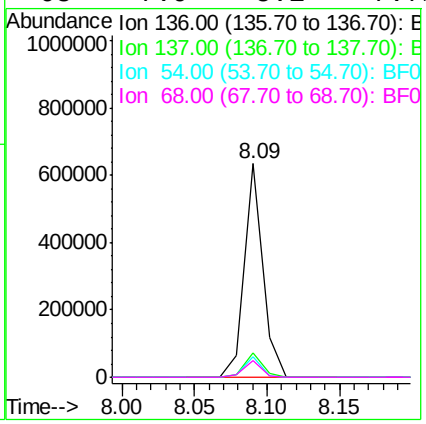


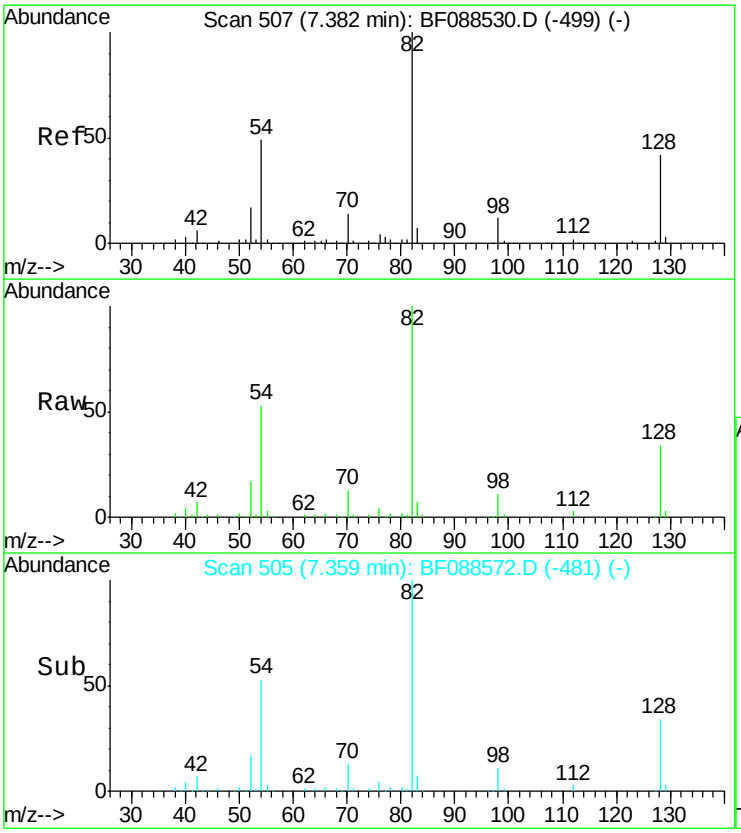
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 561781

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.3	6.6	10.0
68	7.9	5.1	7.7#

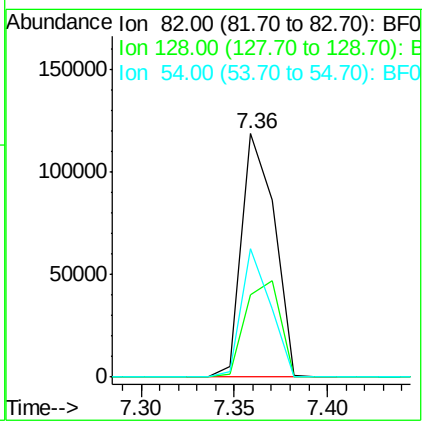


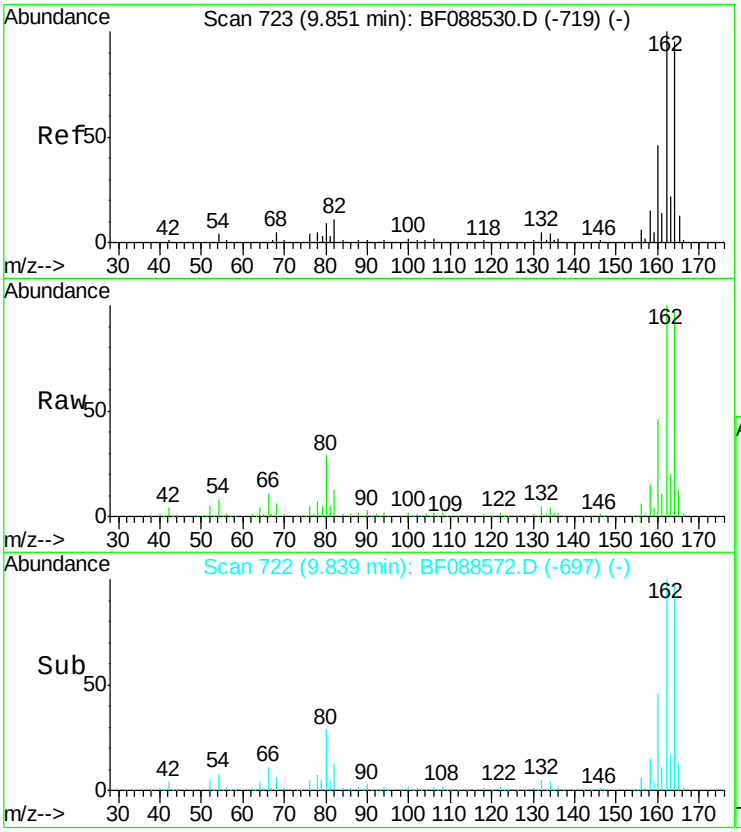


#23
Nitrobenzene-d5
Concen: 13.51 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.02 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Tgt Ion: 82 Resp: 144795

Ion	Ratio	Lower	Upper
82	100		
128	33.9	35.9	53.9#
54	52.7	40.9	61.3



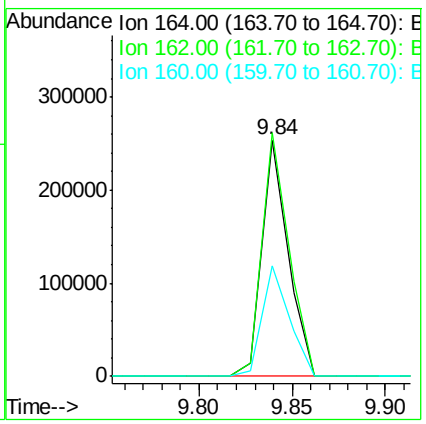


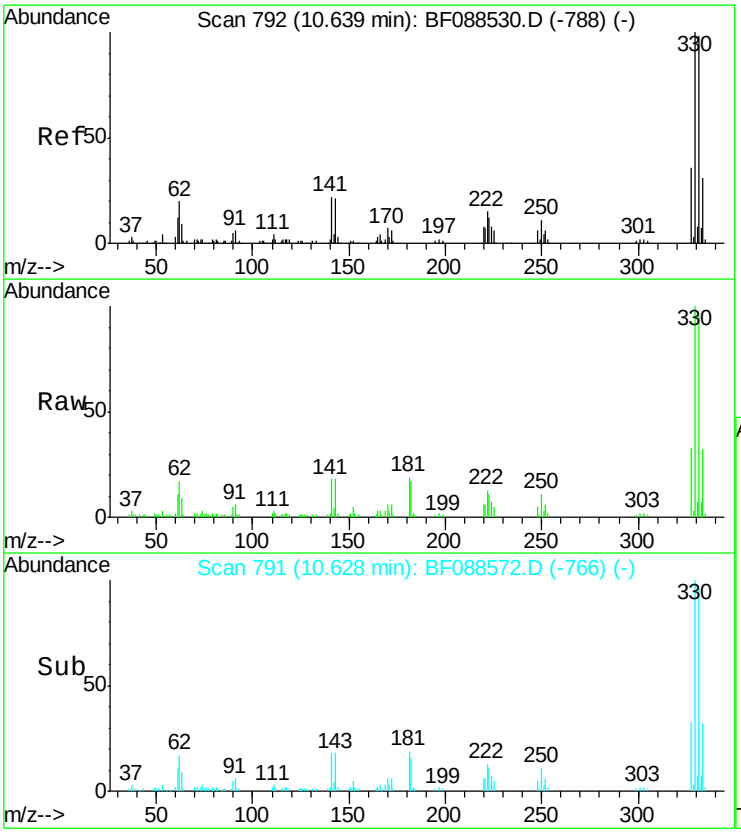
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 245405

Ion	Ratio	Lower	Upper
164	100		
162	102.9	85.4	128.2
160	47.0	39.5	59.3

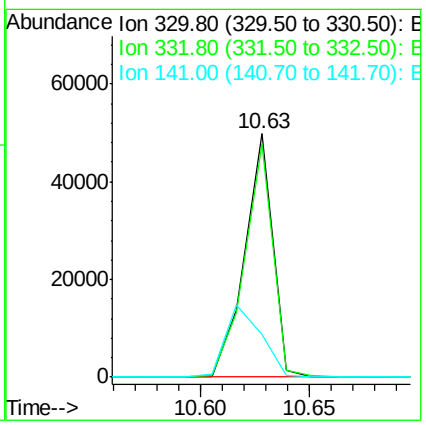


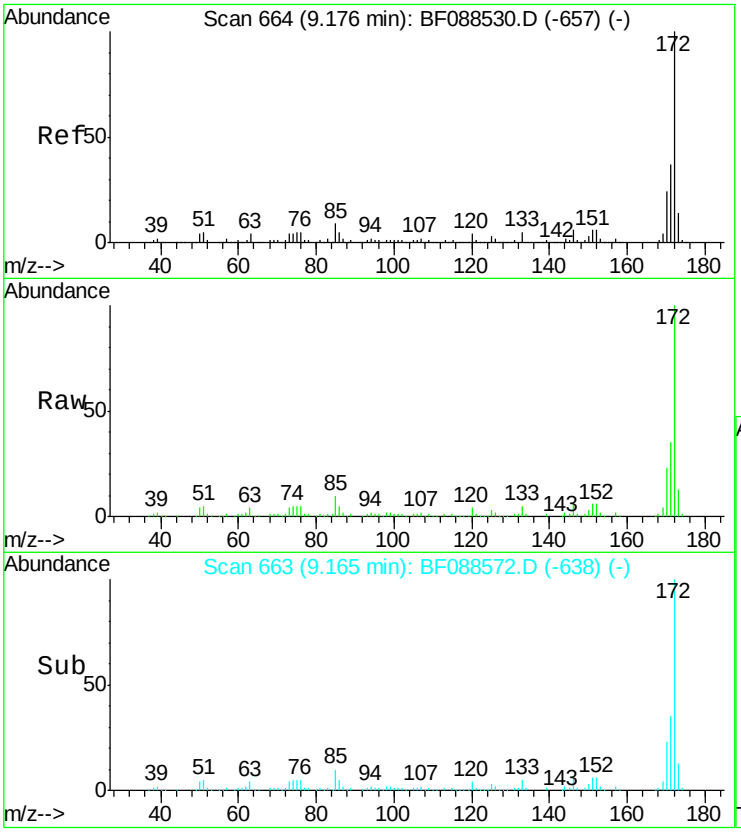


#41
2,4,6-Tribromophenol
Concen: 19.51 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Tgt Ion:330 Resp: 44469

Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	37.9	0.0	0.0#



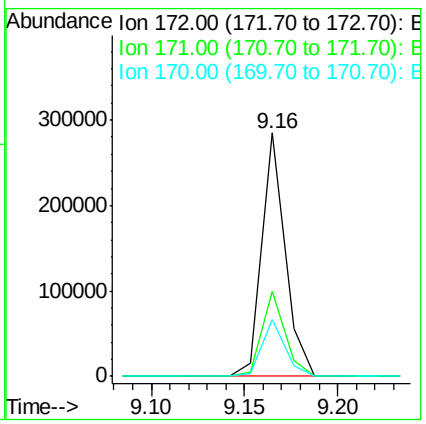


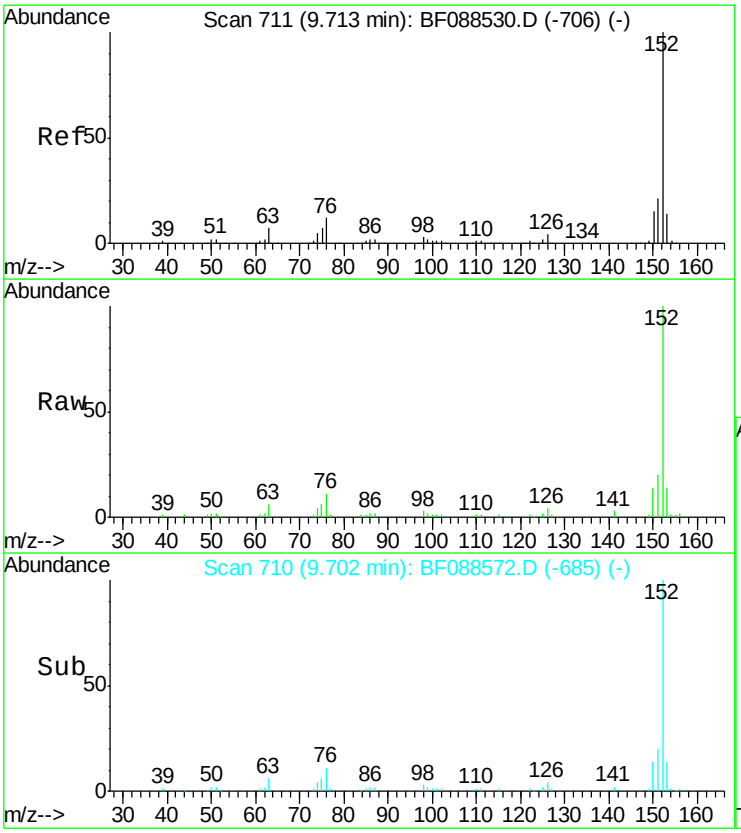
#44
2-Fluorobiphenyl
Concen: 15.72 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 244293

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	43.0
170	23.5	19.2	28.8

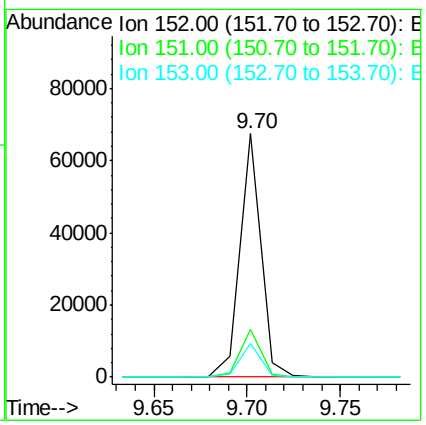


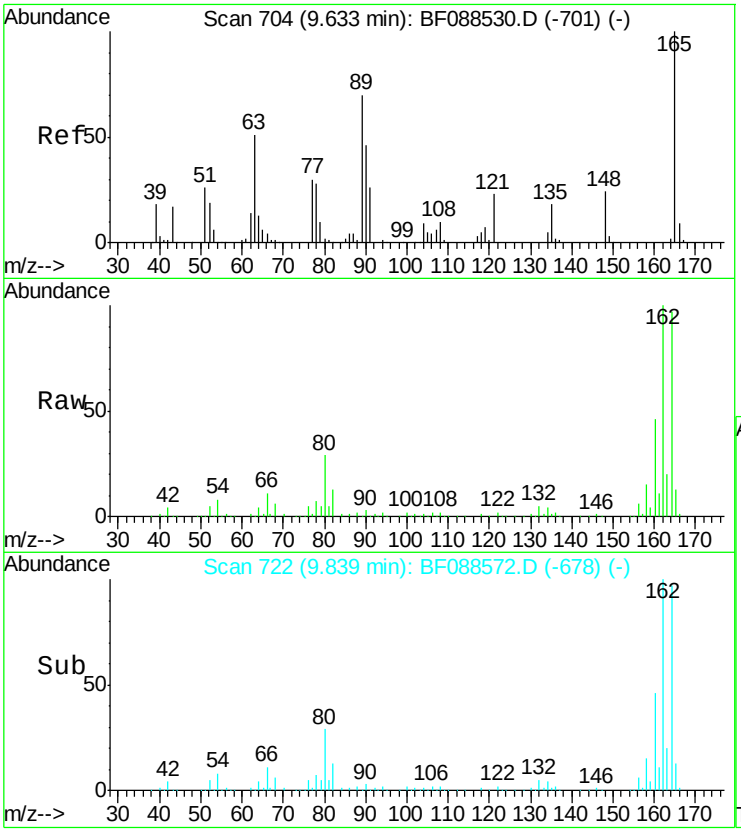


#48
Acenaphthylene
Concen: 2.10 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Tgt Ion:152 Resp: 53290

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.4
153	13.9	11.0	16.6



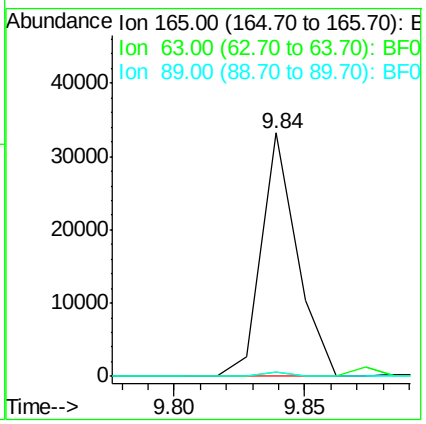


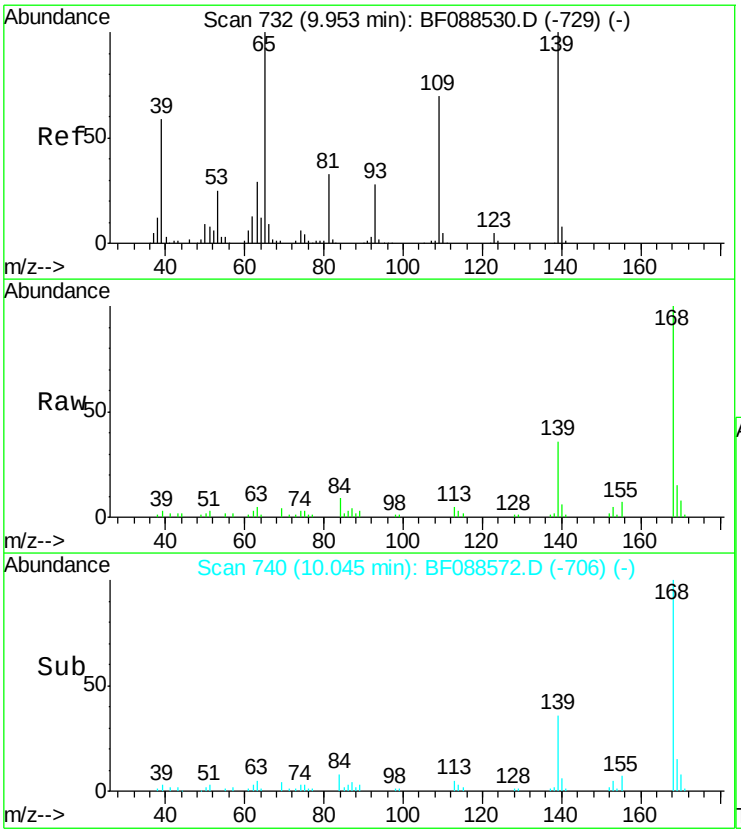
#50
2,6-Dinitrotoluene
Concen: 8.18 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.21 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 31694

Ion	Ratio	Lower	Upper
165	100		
63	1.7	28.1	42.1#
89	1.5	32.2	48.2#

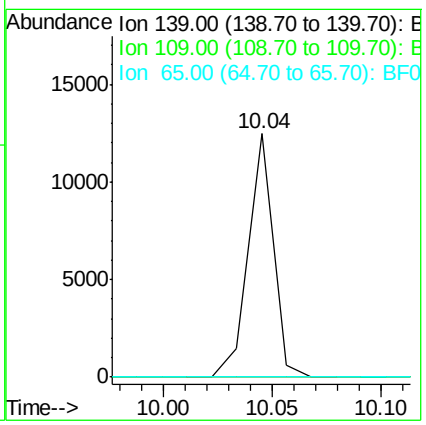


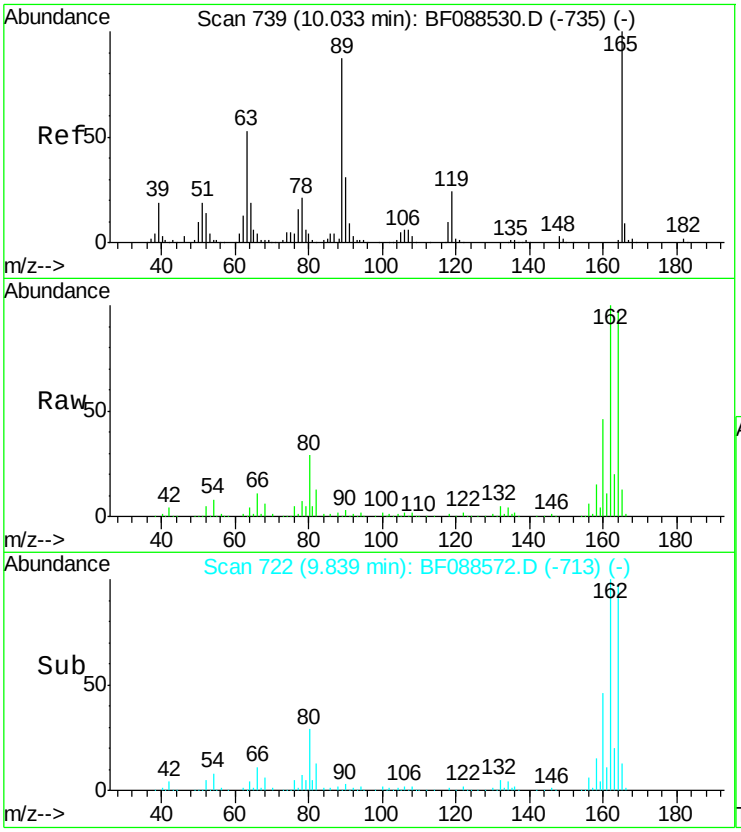


#55
4-Nitrophenol
Concen: 2.66 ng
RT: 10.04 min Scan# 740
Delta R.T. 0.09 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Tgt Ion:139 Resp: 9975

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.9	88.9#
65	0.0	84.9	124.9#



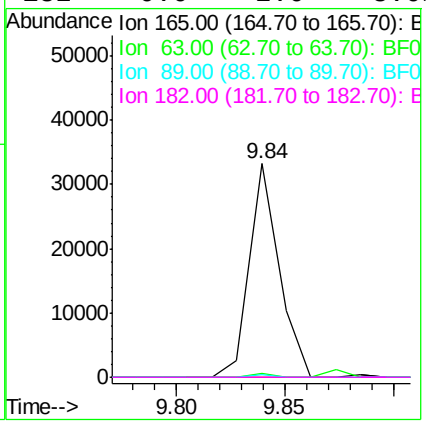


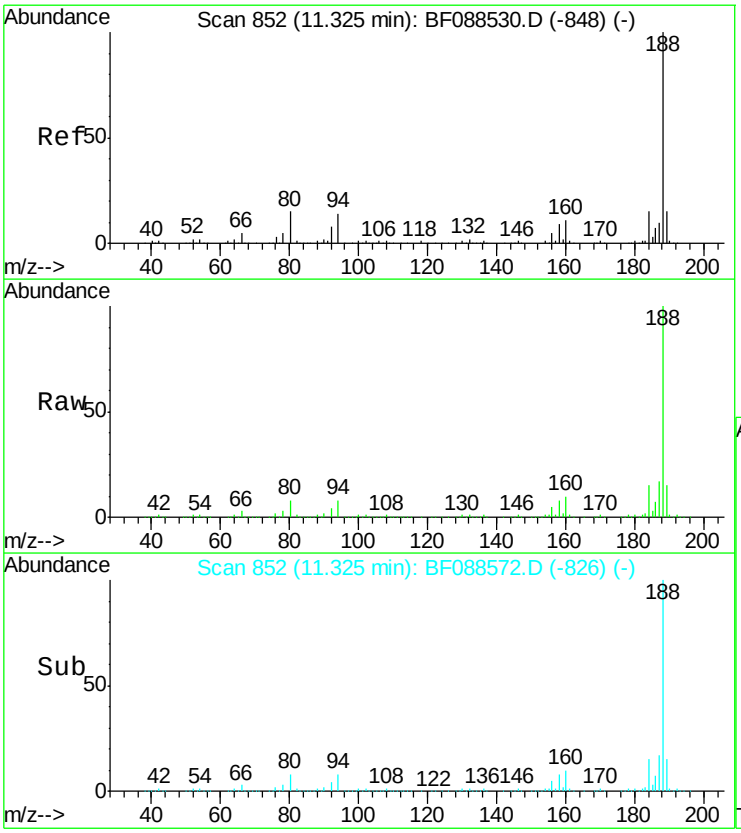
#56
2,4-Dinitrotoluene
Concen: 6.26 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.19 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 31696

Ion	Ratio	Lower	Upper
165	100		
63	1.7	22.0	33.0#
89	1.5	41.1	61.7#
182	0.0	2.0	3.0#

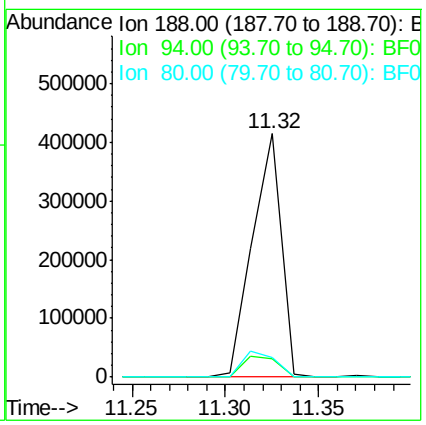


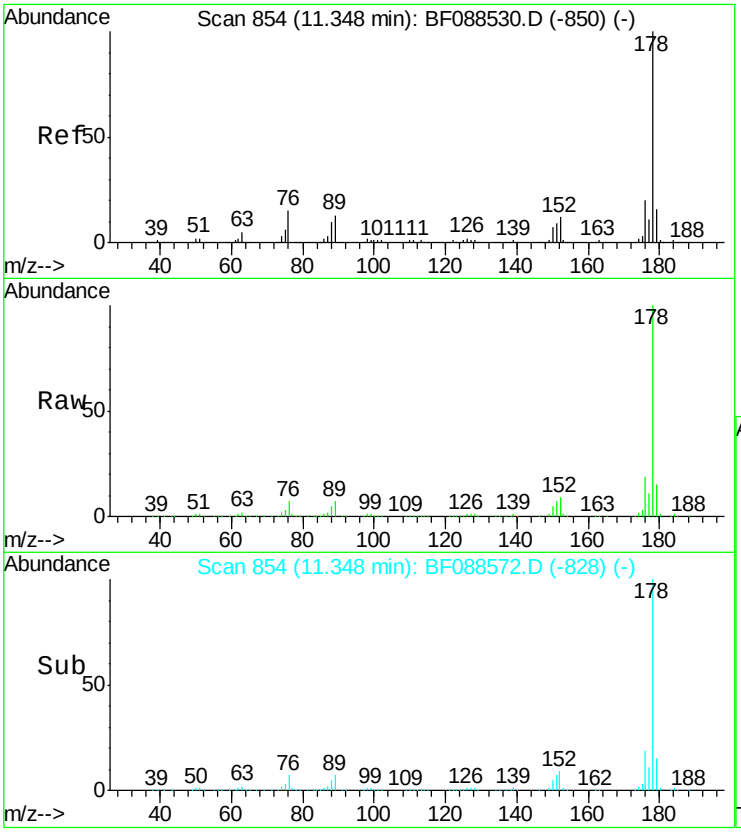


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Tgt Ion:188 Resp: 443029

Ion	Ratio	Lower	Upper
188	100		
94	7.7	9.0	13.6#
80	7.9	10.0	15.0#



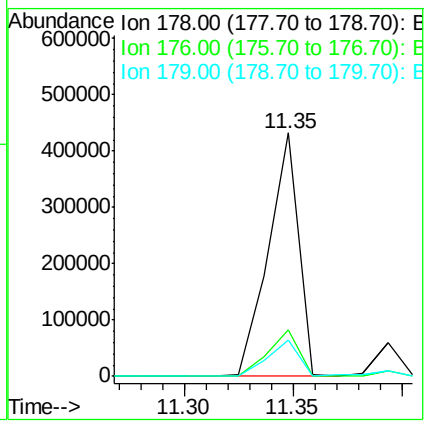


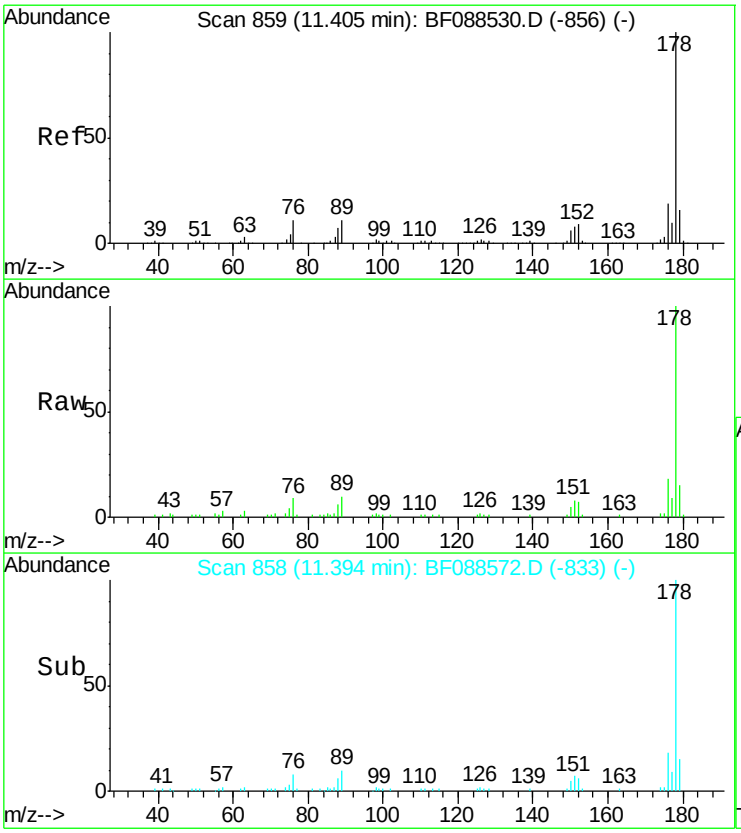
#70
Phenanthrene
Concen: 17.53 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 424648

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.6
179	15.0	13.0	19.4

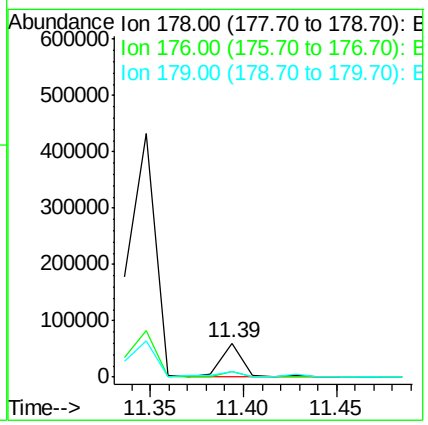


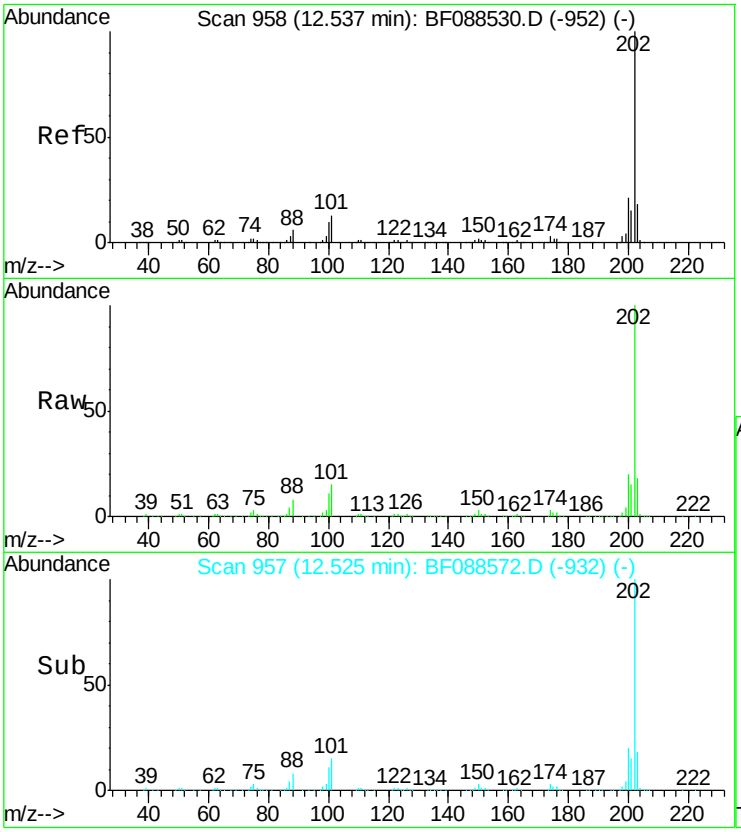


#71
Anthracene
Concen: 2.10 ng
RT: 11.39 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Tgt Ion:178 Resp: 50688

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.6	23.4
179	14.8	12.8	19.2



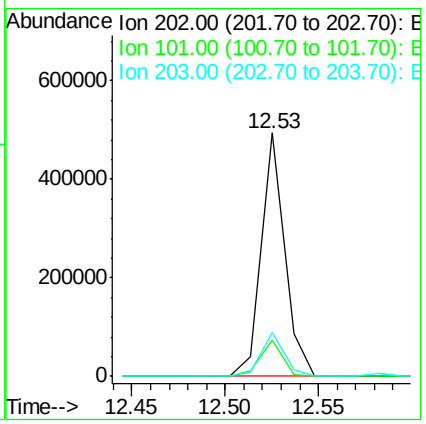


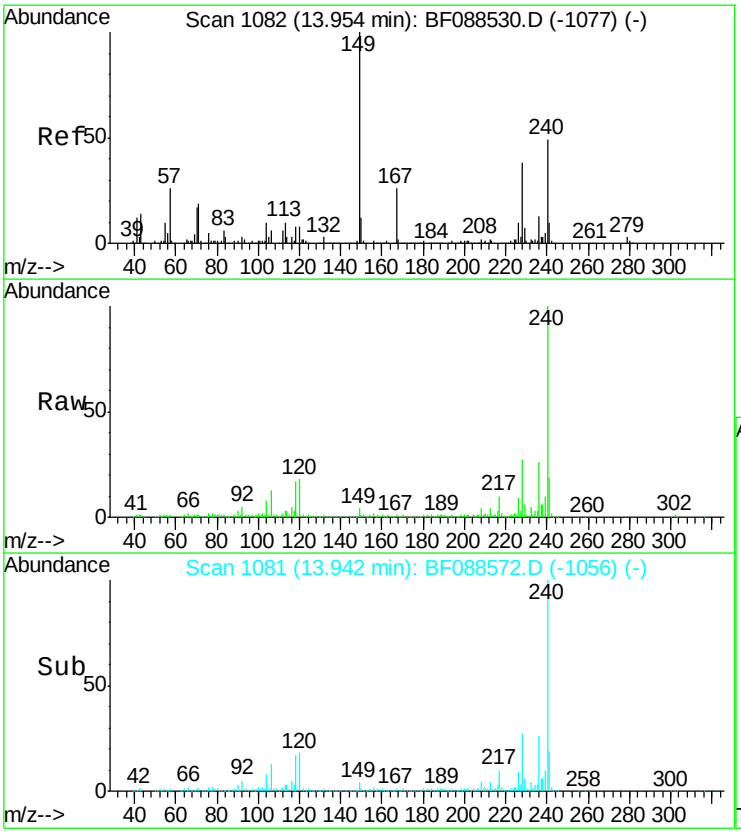
#74
Fluoranthene
Concen: 17.45 ng
RT: 12.53 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 428532

Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	33.1
203	18.0	0.0	38.1

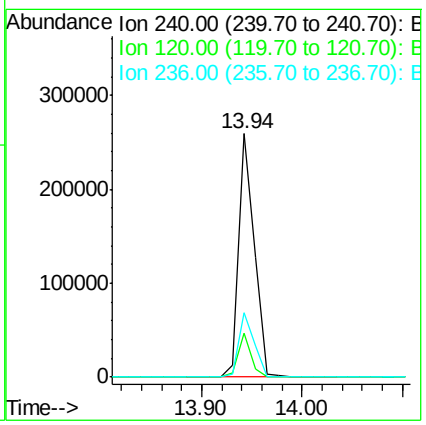


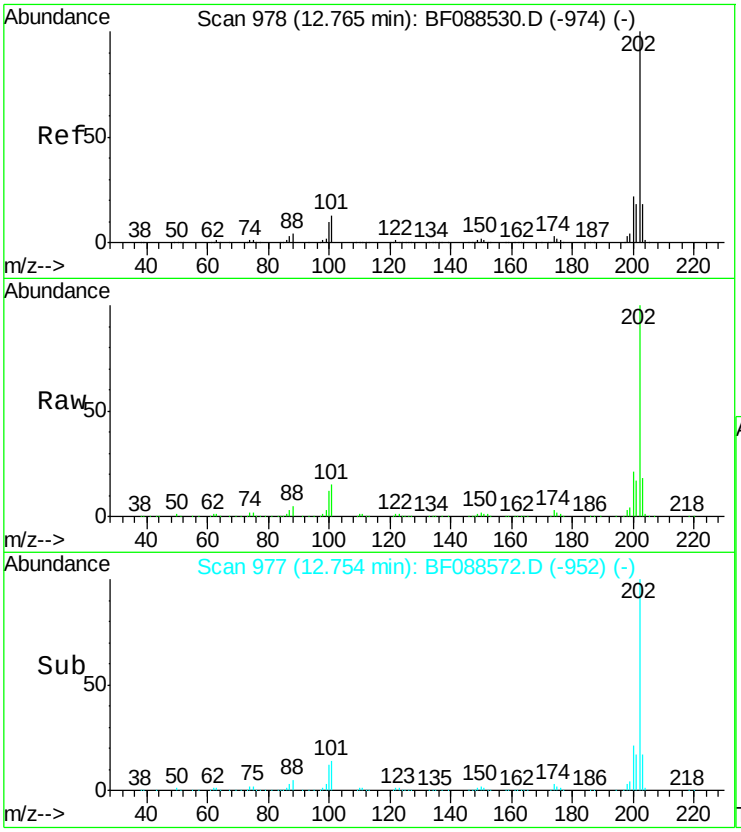


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Tgt Ion:240 Resp: 278628

Ion	Ratio	Lower	Upper
240	100		
120	18.2	6.8	10.2#
236	26.3	20.2	30.2



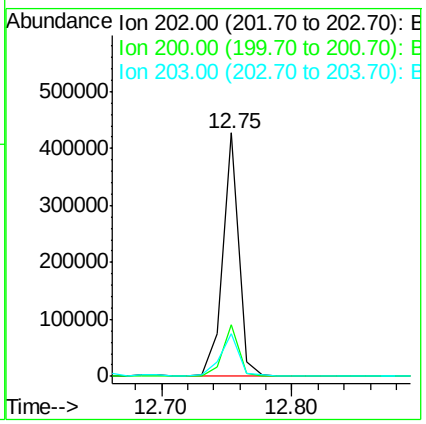


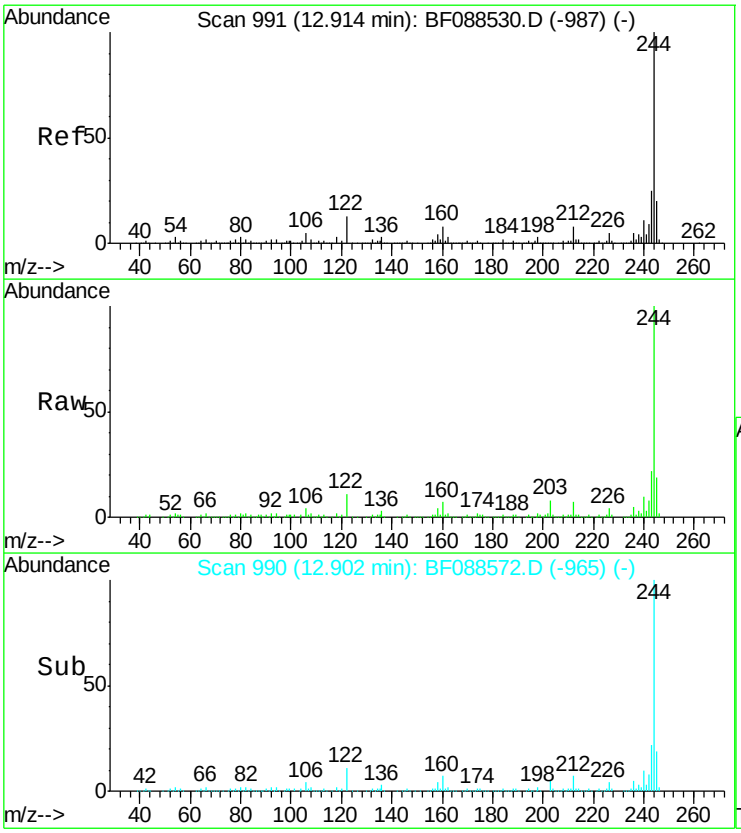
#77
Pyrene
Concen: 15.50 ng
RT: 12.75 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 366211

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.6	14.5	21.7

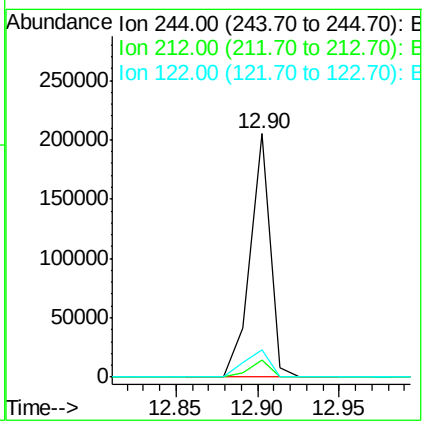


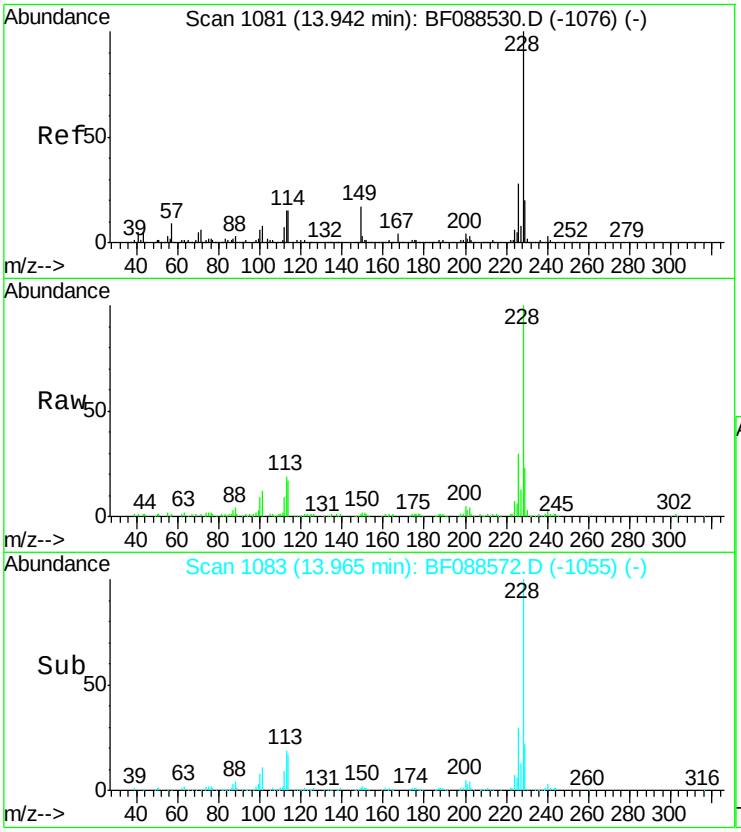


#78
Terphenyl-d14
Concen: 13.99 ng
RT: 12.90 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Tgt Ion:244 Resp: 175005

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	11.3	11.2	16.8



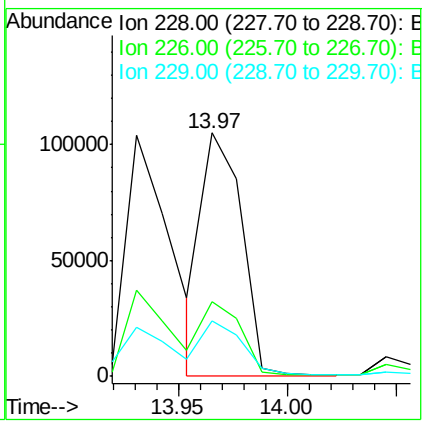


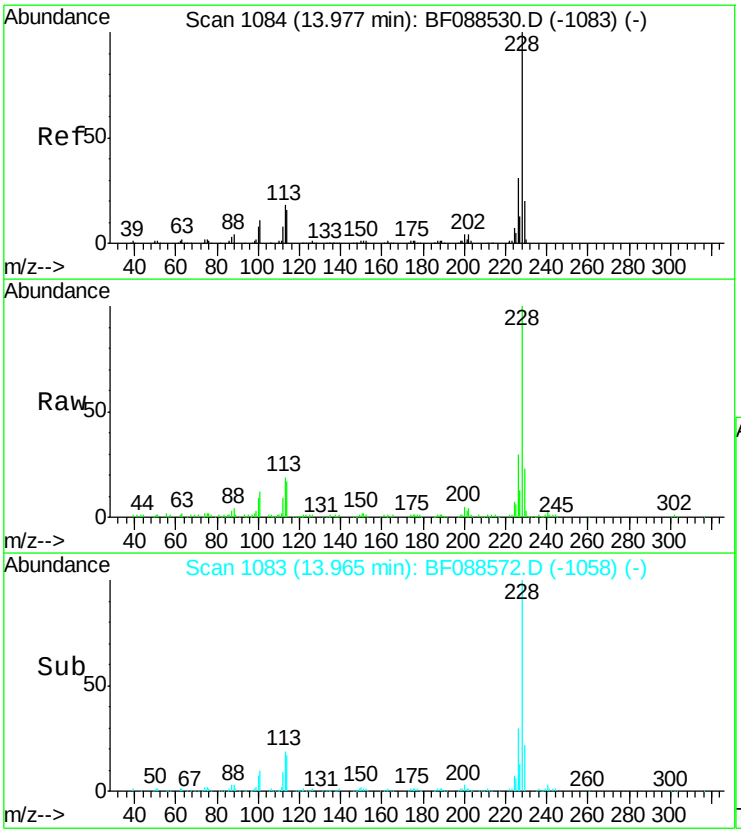
#80
Benzo(a)anthracene
Concen: 7.44 ng
RT: 13.97 min Scan# 1083
Delta R.T. 0.02 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 133466

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.3	33.5
229	22.8	16.0	24.0

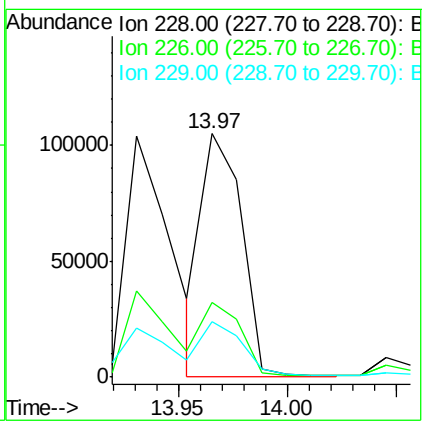


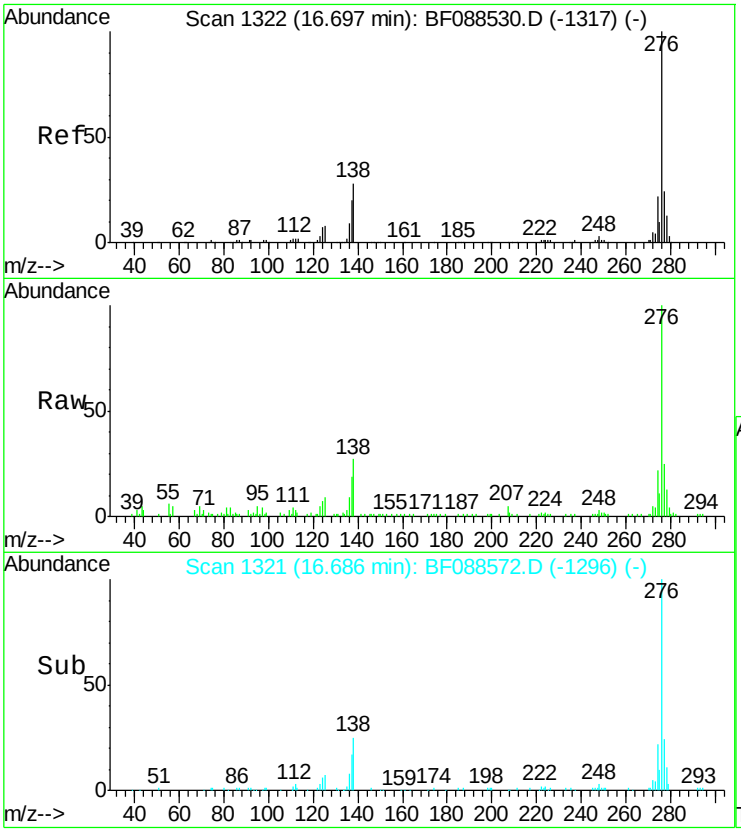


#82
Chrysene
Concen: 7.52 ng
RT: 13.97 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Tgt Ion:228 Resp: 133466

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.2
229	22.8	16.3	24.5



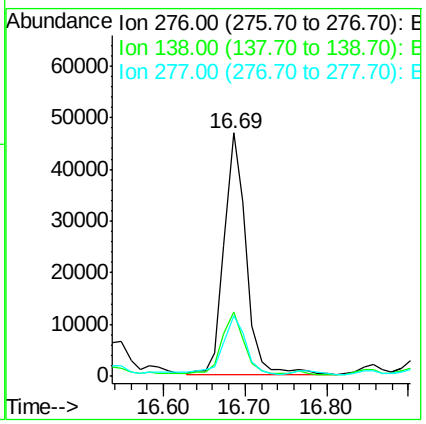


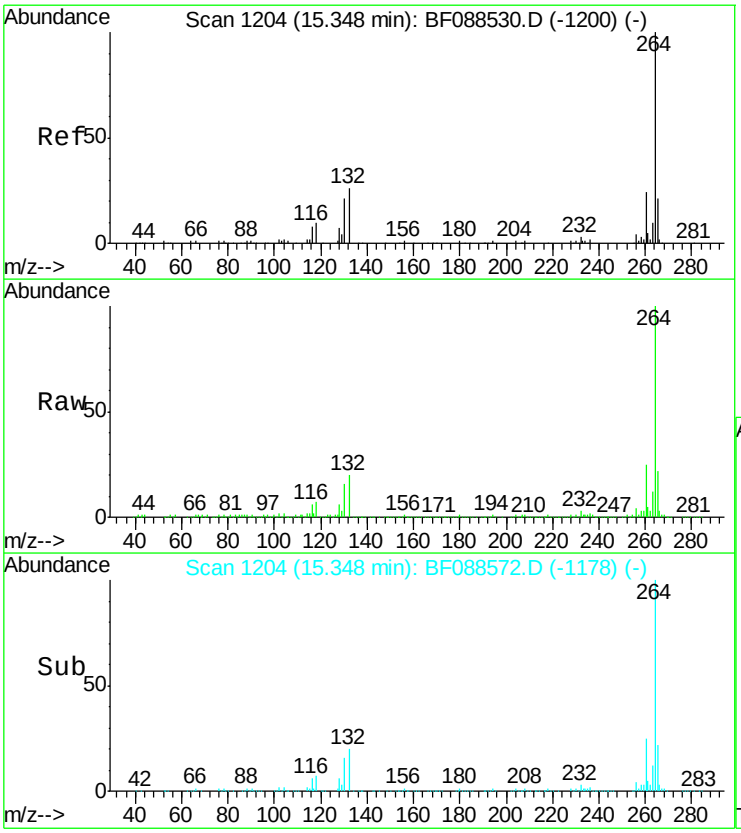
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.38 ng
RT: 16.69 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 87116

Ion	Ratio	Lower	Upper
276	100		
138	26.1	0.0	0.0#
277	25.4	0.0	0.0#

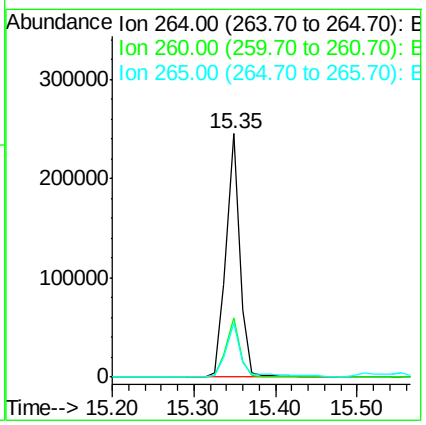


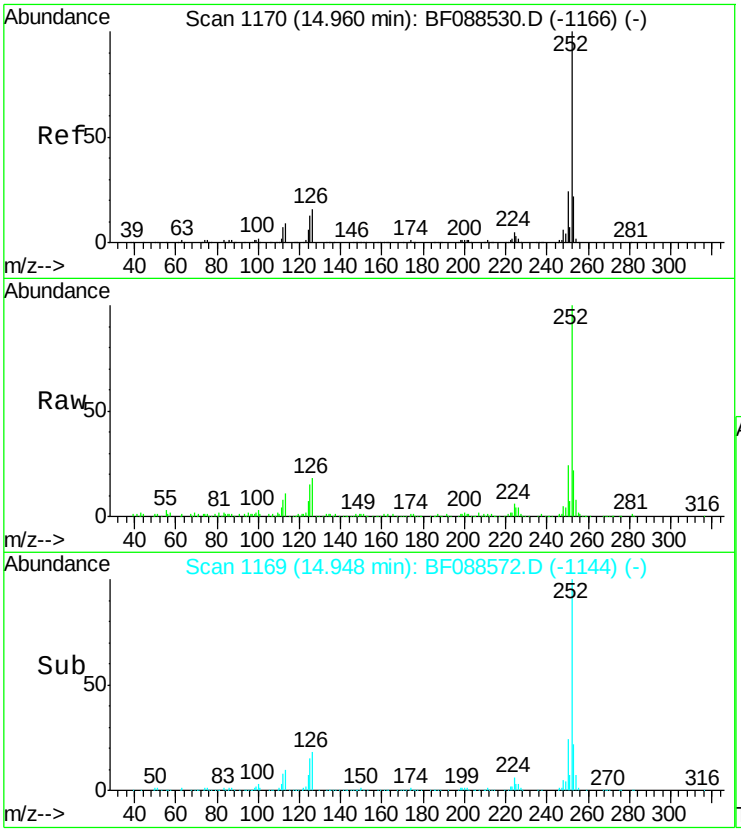


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Tgt Ion:264 Resp: 292128

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.0	16.9	25.3



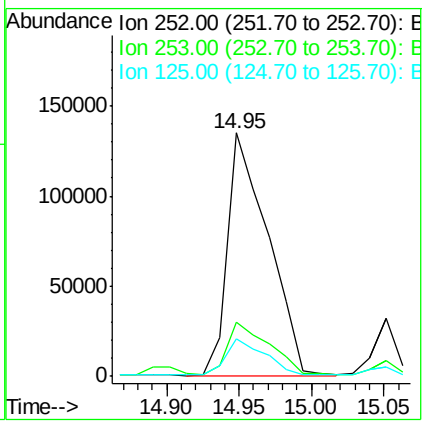


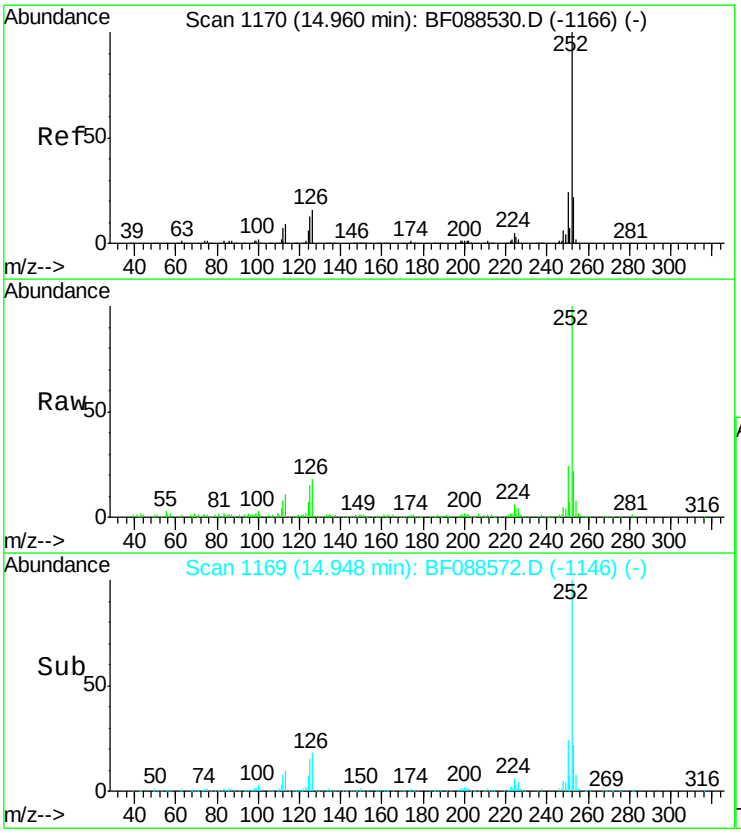
#87
Benzo(b)fluoranthene
Concen: 14.28 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 261743

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	15.2	7.1	10.7#

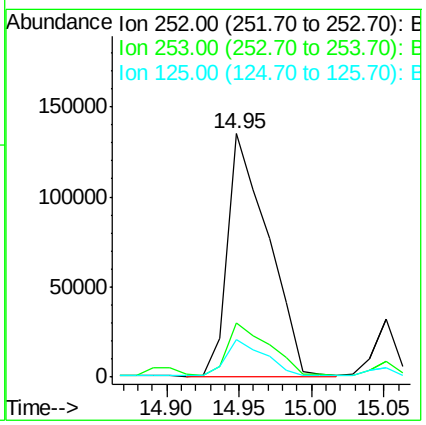


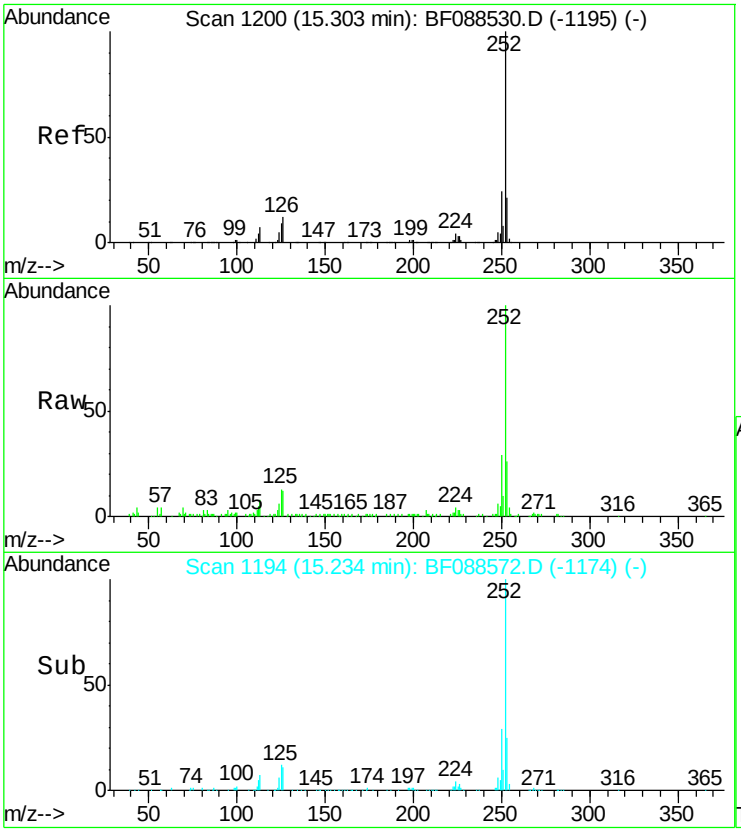


#88
Benzo(k)fluoranthene
Concen: 16.41 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.03 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Tgt Ion:252 Resp: 261743

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	15.2	11.2	16.8



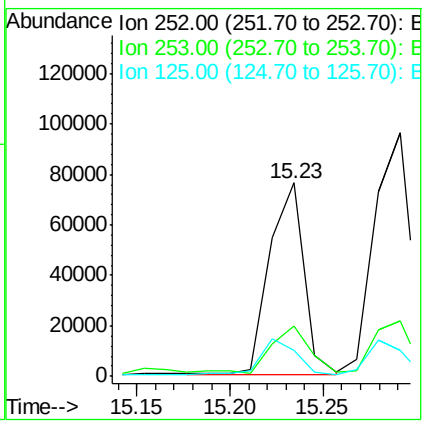


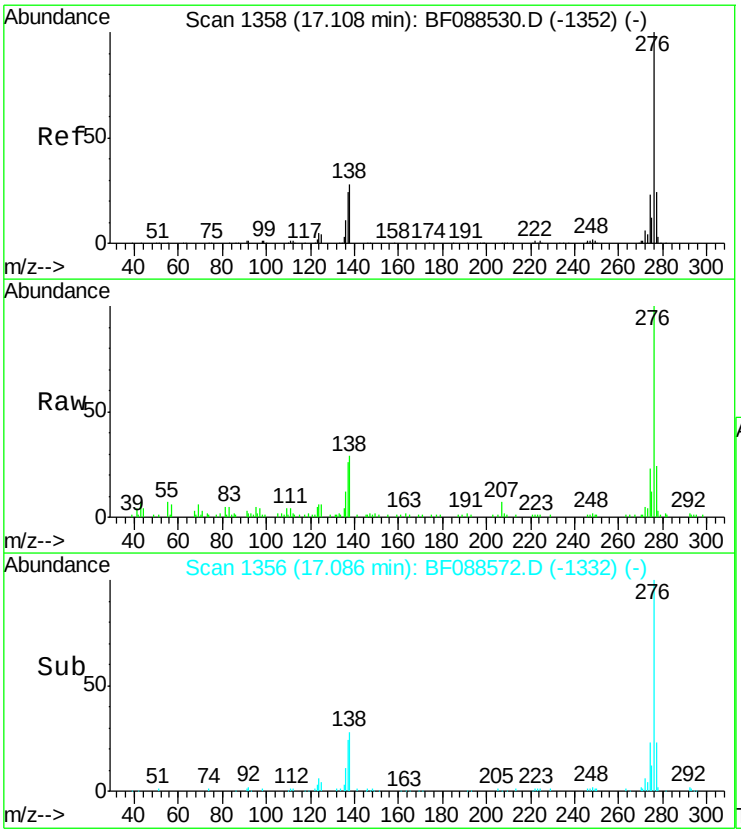
#89
Benzo(a)pyrene
Concen: 6.33 ng
RT: 15.23 min Scan# 1194
Delta R.T. -0.07 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 98141

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.9	26.9
125	13.4	12.5	18.7





#91
Benzo(g,h,i)perylene
Concen: 5.76 ng
RT: 17.09 min Scan# 1356
Delta R.T. -0.02 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Tgt Ion:276 Resp: 77186

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	29.0	21.4	32.2