Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090116\
Data File : BF089970.D
Acq On : 1 Sep 2016 15:17
Operator : UM/SJ
Sample : H4635-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 01 17:34:21 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 11:55:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	201553	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	740007	20.00	ng		-0.01
38) Acenaphthene-d10	9.67	164	372101	20.00	ng		0.00
63) Phenanthrene-d10	11.14	188	590087	20.00	ng		0.00
75) Chrysene-d12	13.76	240	478413	20.00	ng		0.00
86) Perylene-d12	15.11	264	512948	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	379195	30.11	ng		-0.01
7) Phenol-d6	6.26	99	464345	30.35	ng		-0.01
23) Nitrobenzene-d5	7.20	82	292688	22.94	ng		-0.01
41) 2,4,6-Tribromophenol	10.44	330	91810	25.01	ng		-0.01
44) 2-Fluorobiphenyl	8.99	172	461885	20.38	ng		-0.01
78) Terphenyl-d14	12.72	244	328437	16.96	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.20	70	37448	3.76	ng	#	77
25) Isophorone	7.20	82	239205	9.22	ng	#	65
31) Naphthalene	7.94	128	256435	6.96	ng		99
33) 4-Chloroaniline	7.94	127	33346	2.24	ng	#	32
37) 2-Methylnaphthalene	8.63	142	84698	3.48	ng		97
49) Dimethylphthalate	9.39	163	187001	6.95	ng		98
51) Acenaphthene	9.70	154	152084	6.85	ng		97
54) Dibenzofuran	9.86	168	167078	5.62	ng		96
55) 4-Nitrophenol	9.86	139	56217	10.92	ng	#	26
57) Fluorene	10.20	166	231773	10.66	ng		99
70) Phenanthrene	11.16	178	1671032	56.87	ng		100
71) Anthracene	11.21	178	605758	20.32	ng		99
72) Carbazole	11.37	167	187882	6.72	ng		96
74) Fluoranthene	12.34	202	1714619	55.68	ng		96
77) Pyrene	12.57	202	1757694	52.11	ng		100
80) Benzo(a)anthracene	13.75	228	902517	30.80	ng		99
82) Chrysene	13.75	228	902517	32.97	ng		96
85) Indeno(1,2,3-cd)pyrene	16.33	276	413651	20.44	ng		95
87) Benzo(b)fluoranthene	14.74	252	1313911	40.89	ng	#	97
88) Benzo(k)fluoranthene	14.74	252	1313911	48.19	ng	#	98
89) Benzo(a)pyrene	15.05	252	743670	27.01	ng	#	94
90) Dibenzo(a,h)anthracene	16.34	278	104851	5.20	ng		98
91) Benzo(g,h,i)perylene	16.70	276	373479	18.39	ng		96

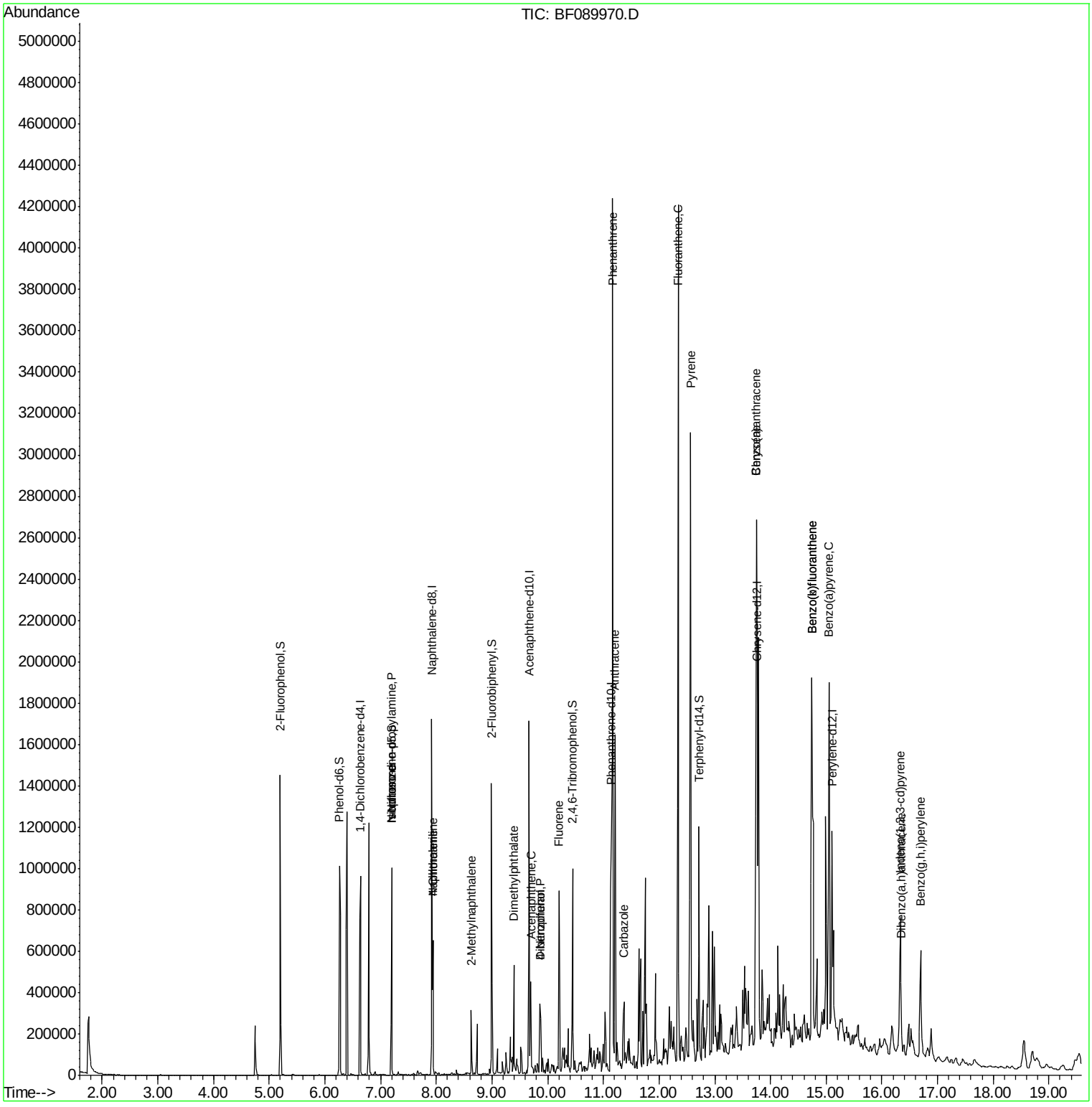
(#) = qualifier out of range (m) = manual integration (+) = signals summed

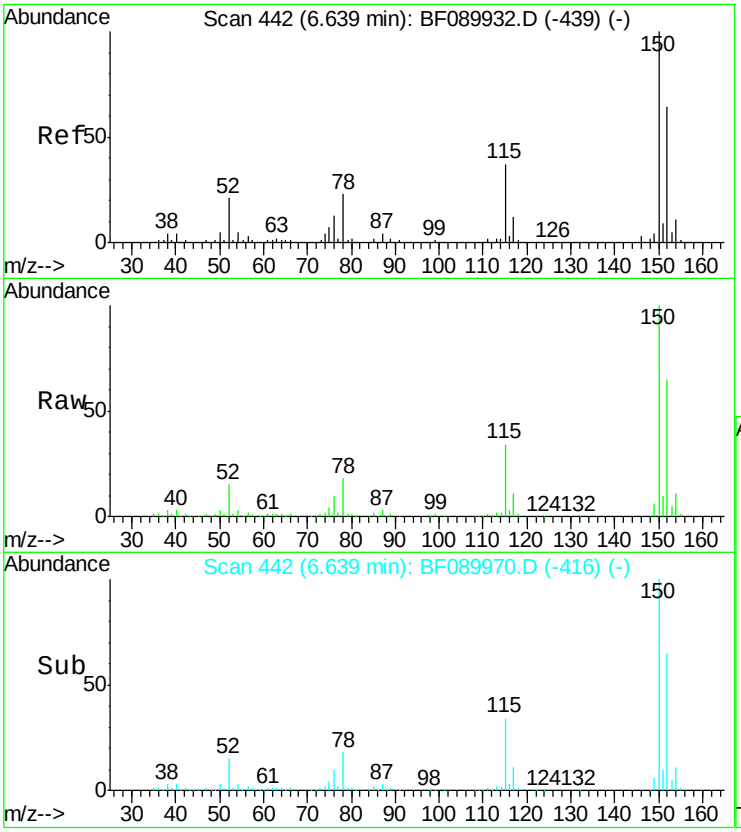
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090116\
Data File : BF089970.D
Acq On : 1 Sep 2016 15:17
Operator : UM/SJ
Sample : H4635-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 01 17:34:21 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 11:55:18 2016
Response via : Initial Calibration



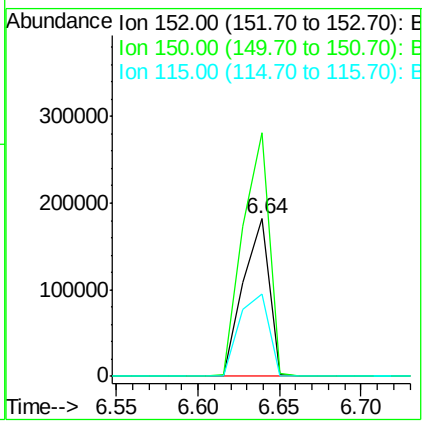


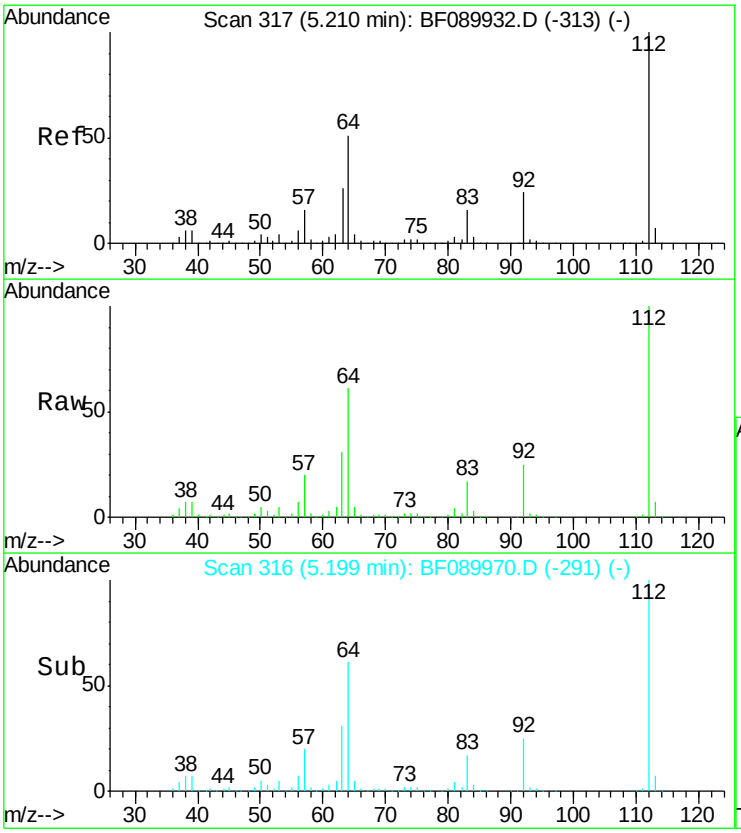
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 201553

Ion	Ratio	Lower	Upper
152	100		
150	154.6	127.4	191.2
115	52.5	46.3	69.5

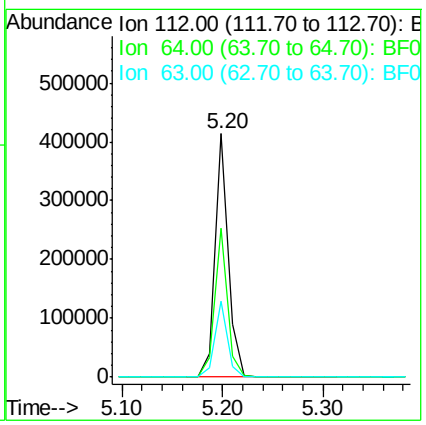


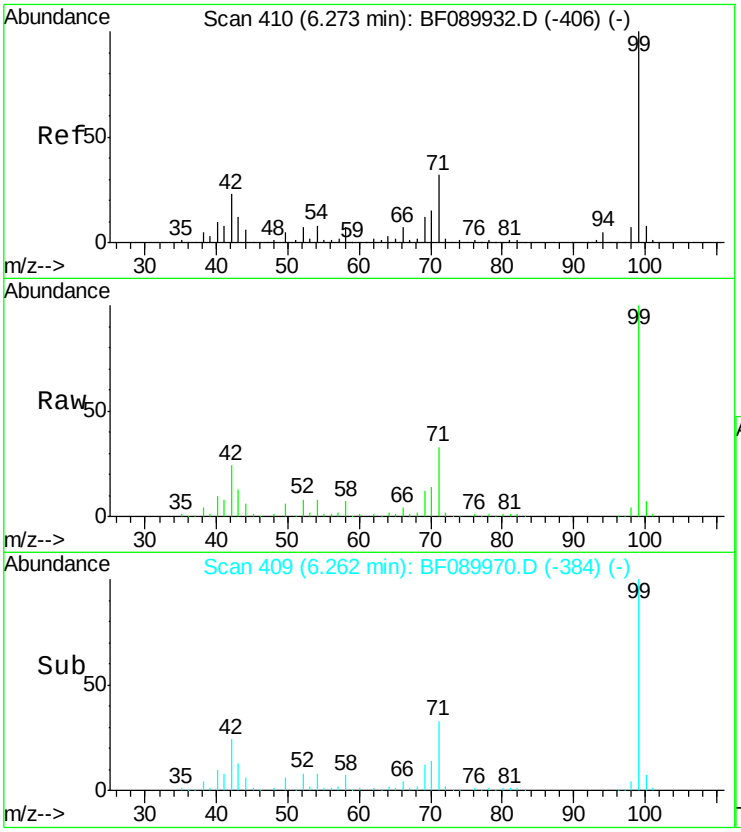


#5
2-Fluorophenol
Concen: 30.11 ng
RT: 5.20 min Scan# 316
Delta R.T. -0.01 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Tgt Ion:112 Resp: 379195

Ion	Ratio	Lower	Upper
112	100		
64	61.0	41.1	61.7
63	31.0	21.2	31.8



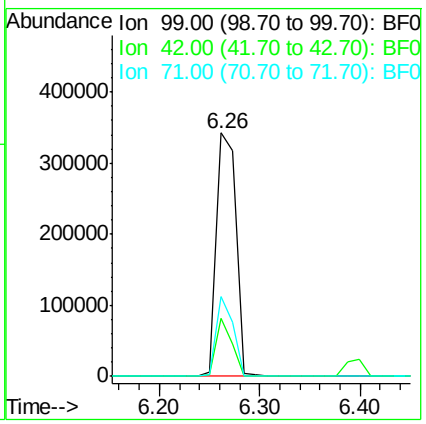


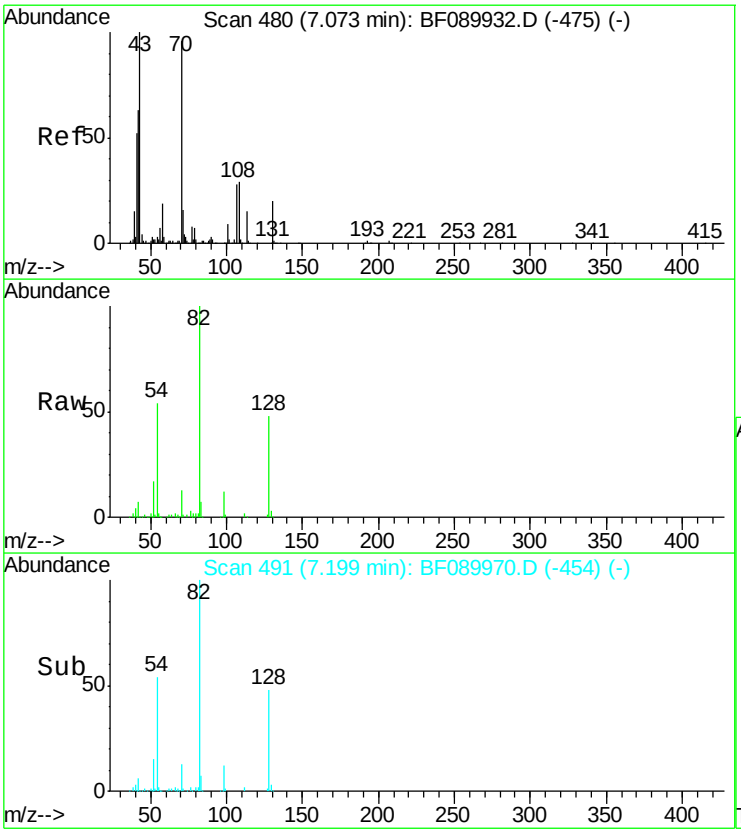
#7
Phenol-d6
Concen: 30.35 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 464345

Ion	Ratio	Lower	Upper
99	100		
42	24.0	18.6	27.8
71	32.7	25.8	38.6

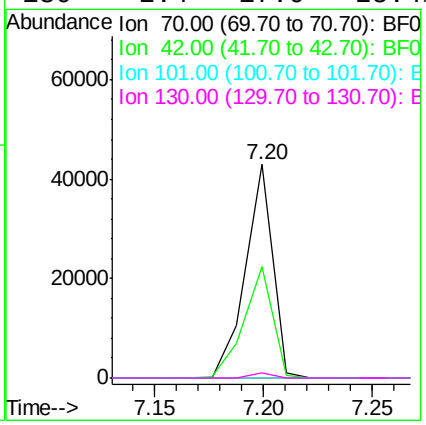


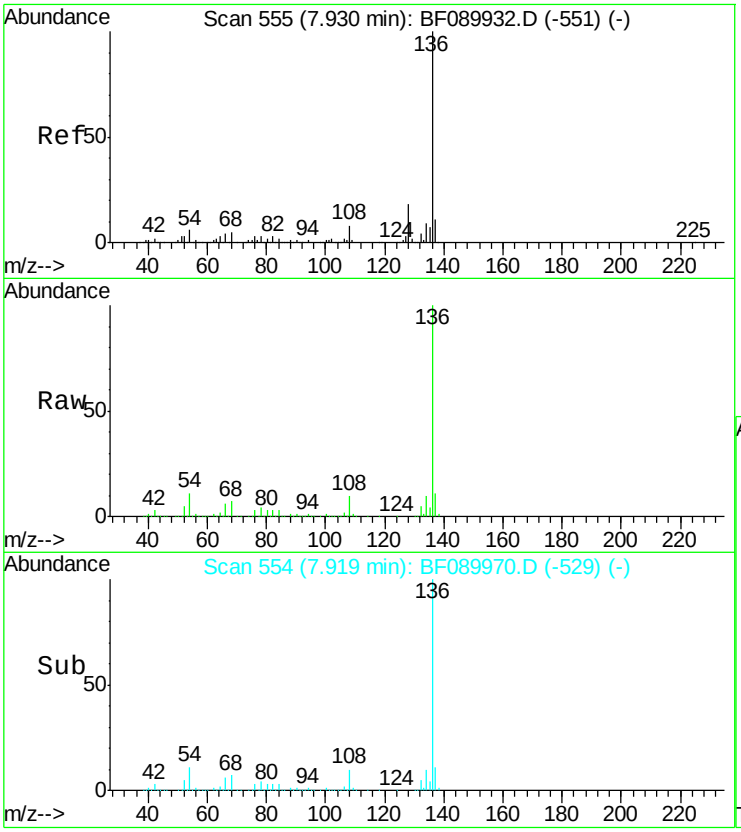


#19
n-Nitroso-di-n-propylamine
Concen: 3.76 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.13 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Tgt Ion: 70 Resp: 37448

Ion	Ratio	Lower	Upper
70	100		
42	51.9	52.1	78.1#
101	0.0	7.4	11.2#
130	2.4	17.0	25.4#



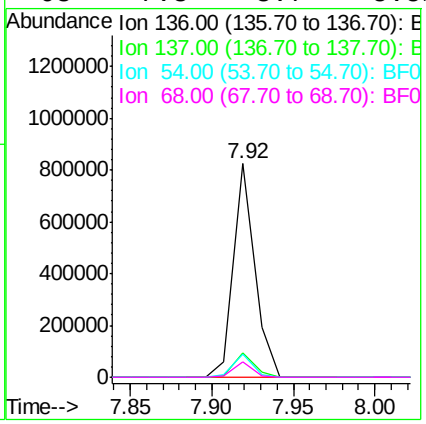


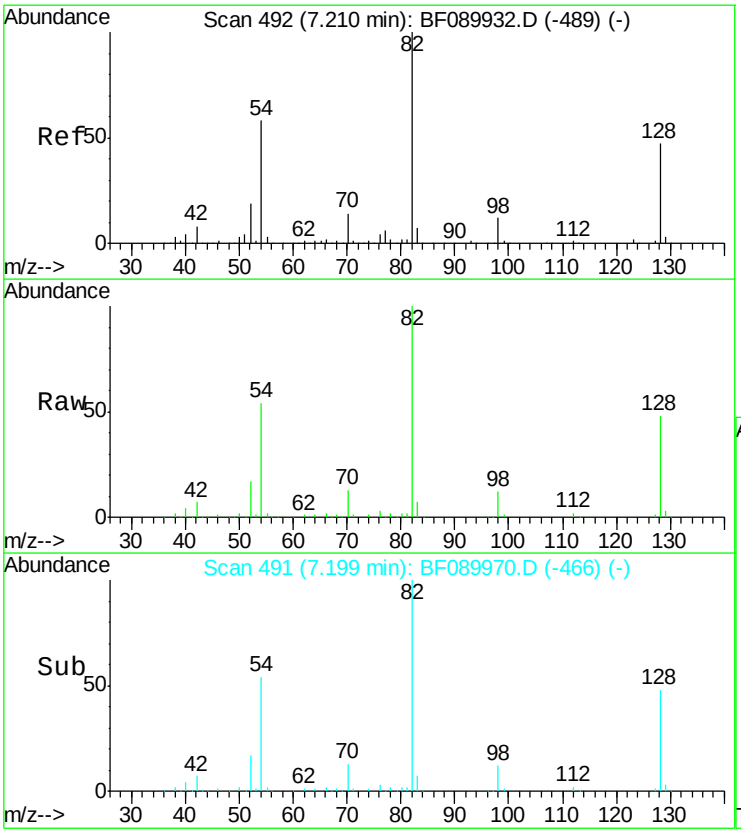
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 740007

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.3	12.5
54	10.7	4.8	7.2#
68	7.3	3.7	5.5#

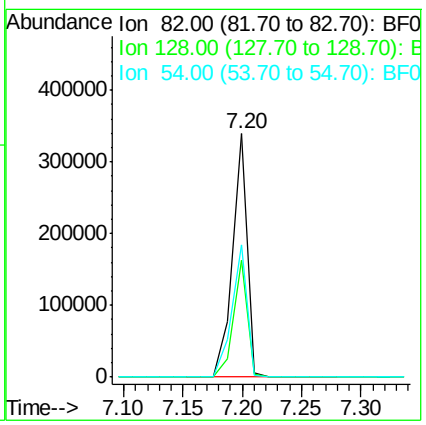


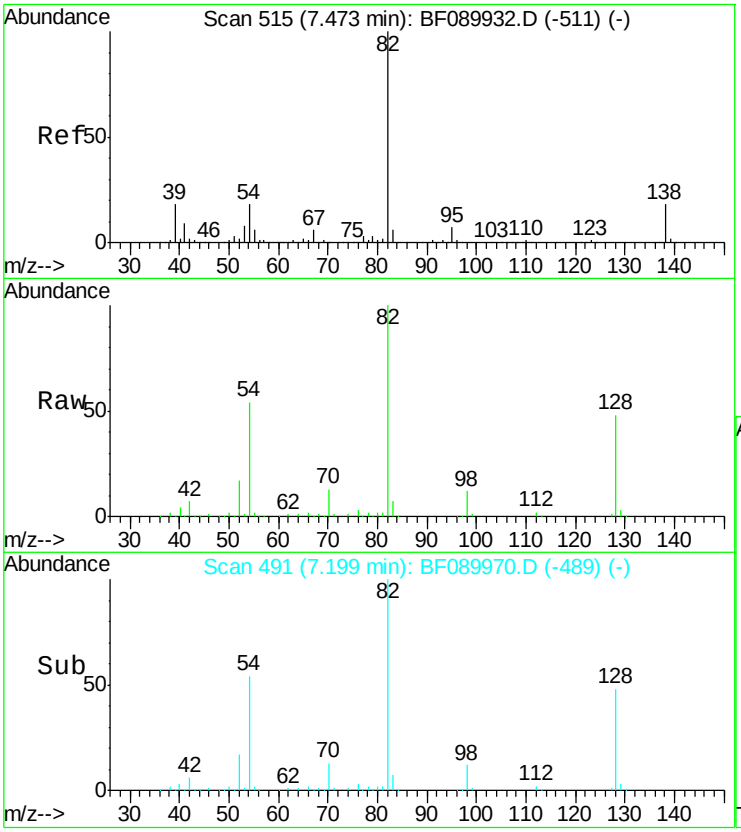


#23
Nitrobenzene-d5
Concen: 22.94 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Tgt Ion: 82 Resp: 292688

Ion	Ratio	Lower	Upper
82	100		
128	48.2	37.8	56.8
54	54.4	46.9	70.3

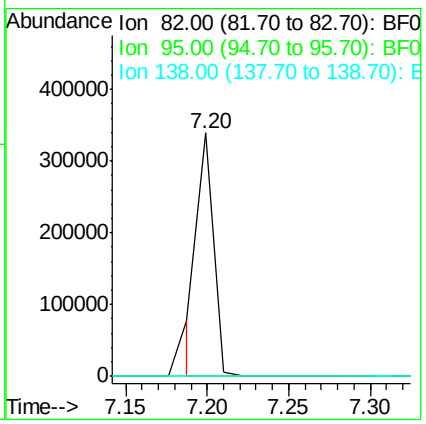




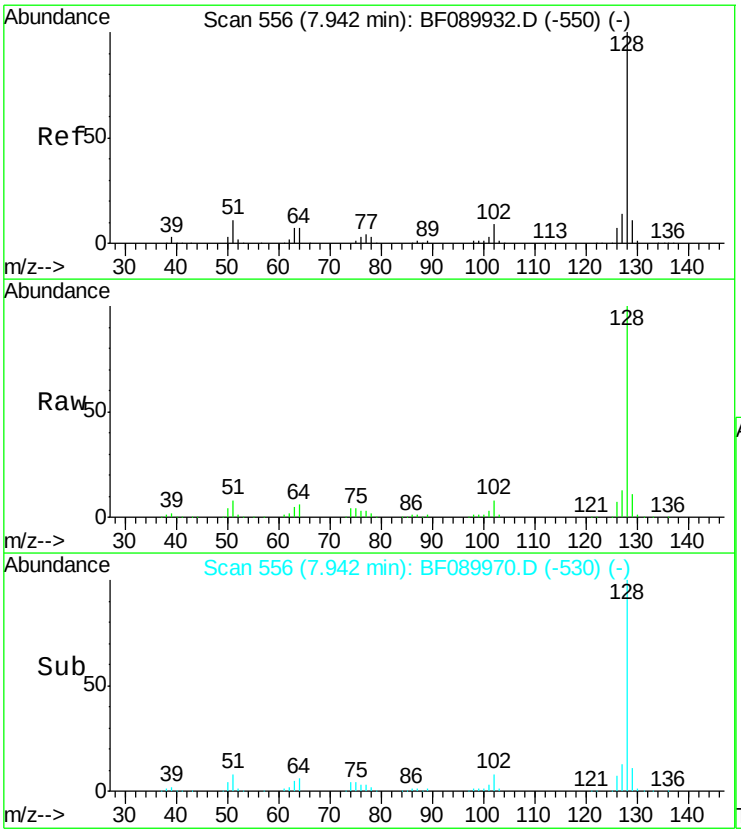
#25
Isophorone
Concen: 9.22 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.27 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Tgt Ion: 82 Resp: 239205

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	14.4	21.6#



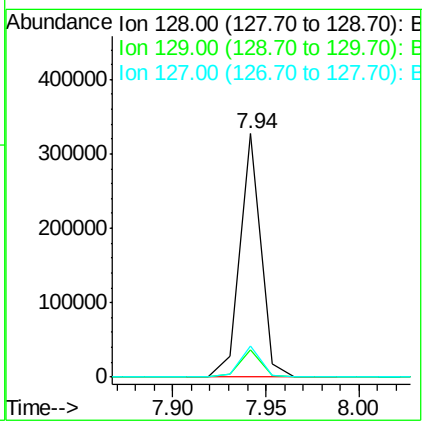
Instrument :
BNA_F
ClientSampleId :

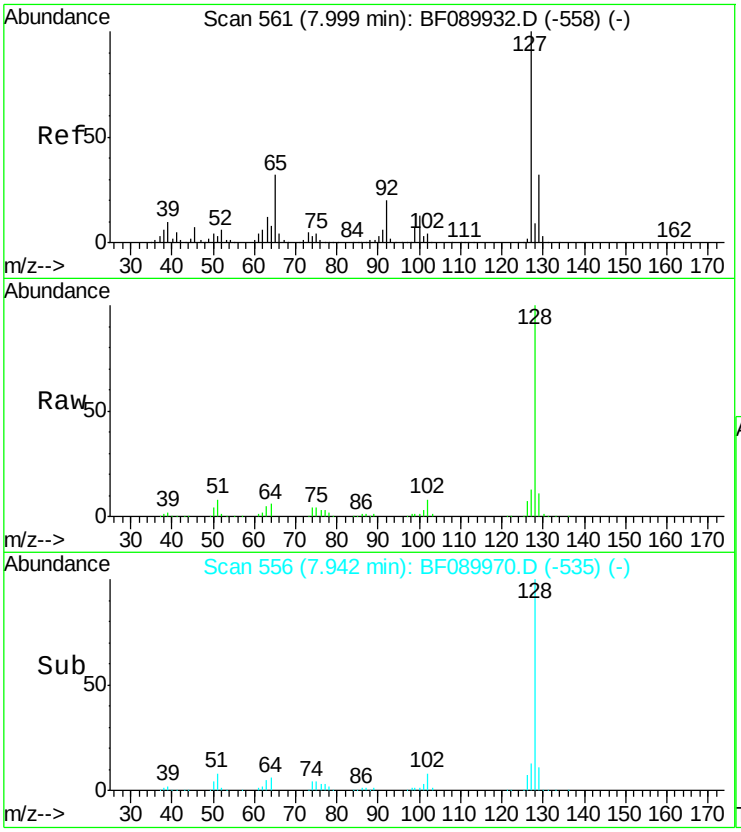


#31
Naphthalene
Concen: 6.96 ng
RT: 7.94 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Tgt Ion:128 Resp: 256435

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.0
127	13.0	10.7	16.1



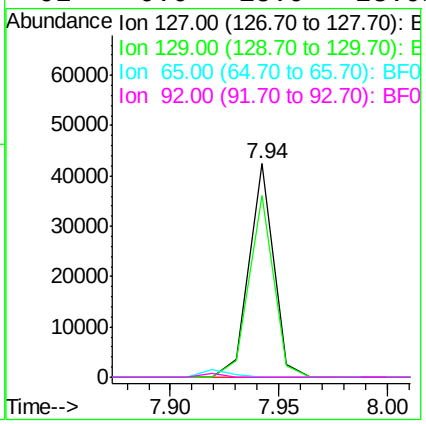


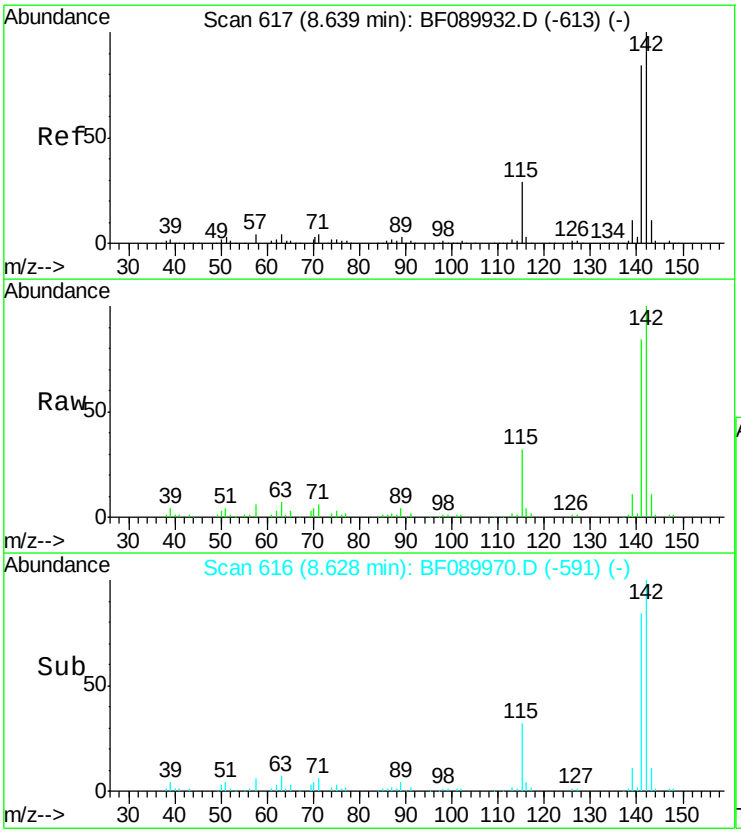
#33
4-Chloroaniline
Concen: 2.24 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.06 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 33346

Ion	Ratio	Lower	Upper
127	100		
129	85.1	25.9	38.9#
65	0.0	26.0	39.0#
92	0.0	15.9	23.9#

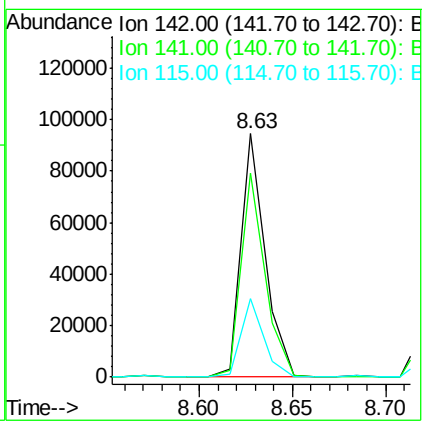


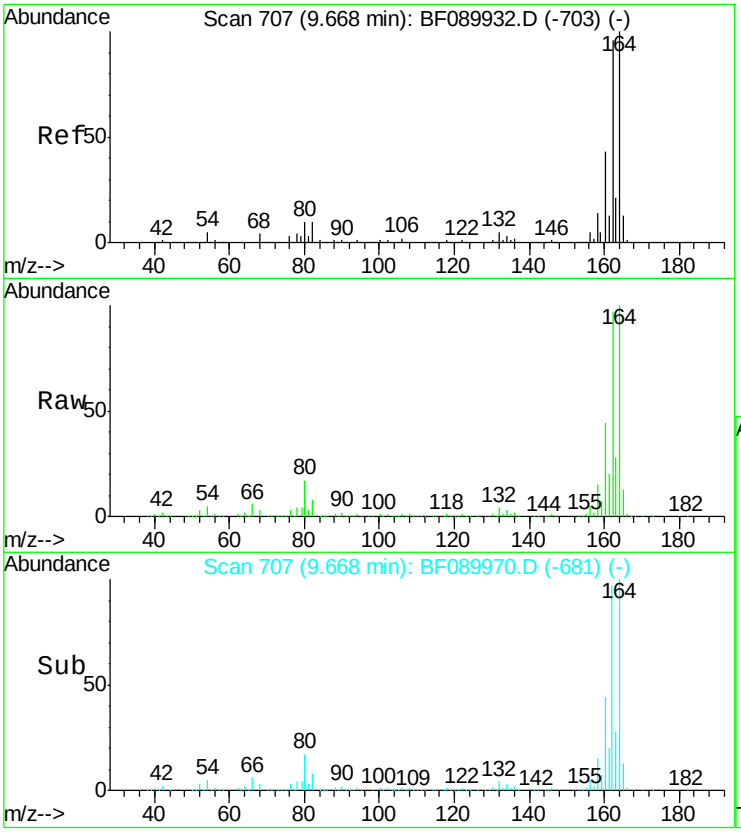


#37
2-Methylnaphthalene
Concen: 3.48 ng
RT: 8.63 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Tgt Ion:142 Resp: 84698

Ion	Ratio	Lower	Upper
142	100		
141	83.7	68.3	102.5
115	32.2	23.8	35.8



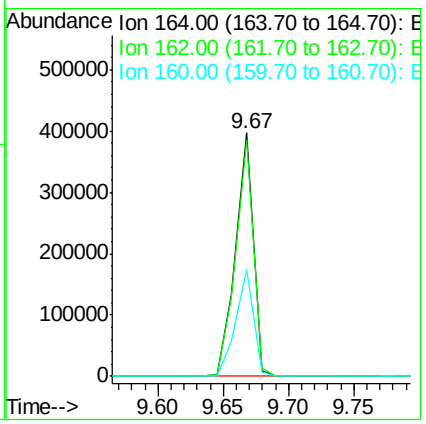


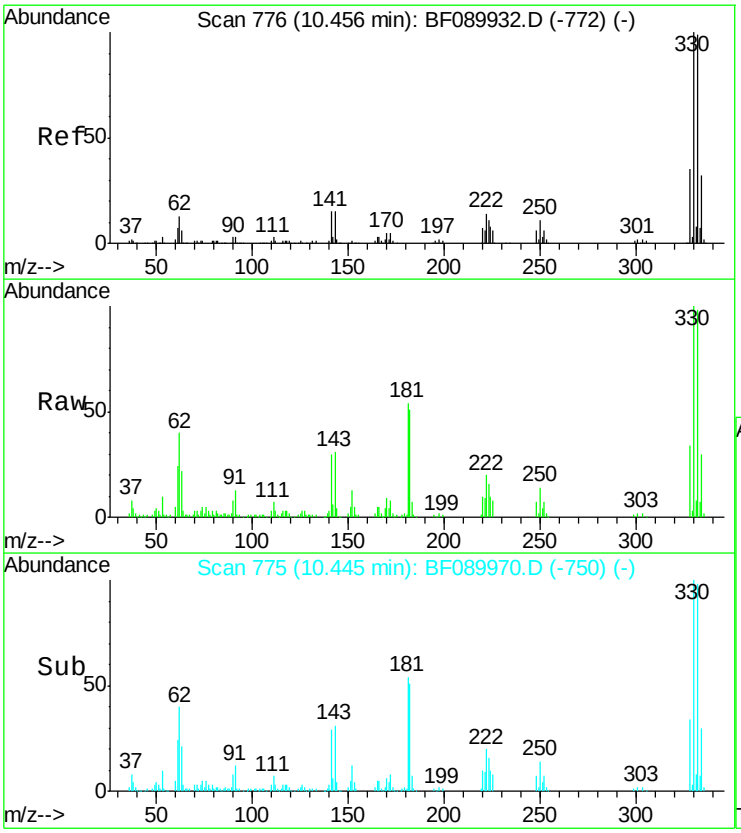
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 372101

Ion	Ratio	Lower	Upper
164	100		
162	97.1	77.1	115.7
160	44.0	35.3	52.9

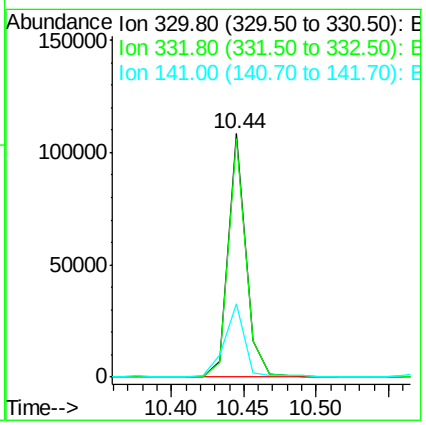


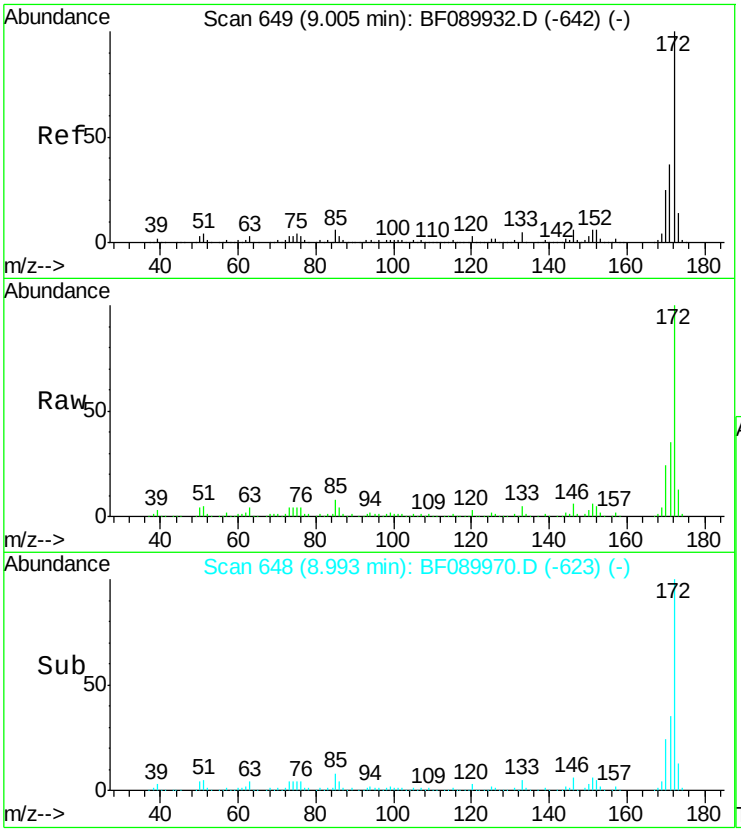


#41
2,4,6-Tribromophenol
Concen: 25.01 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Tgt Ion:330 Resp: 91810

Ion	Ratio	Lower	Upper
330	100		
332	98.0	78.6	117.8
141	35.7	23.3	34.9#



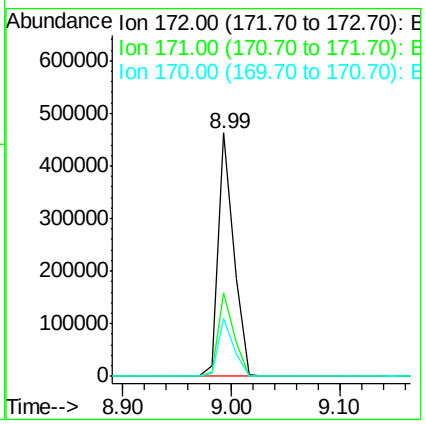


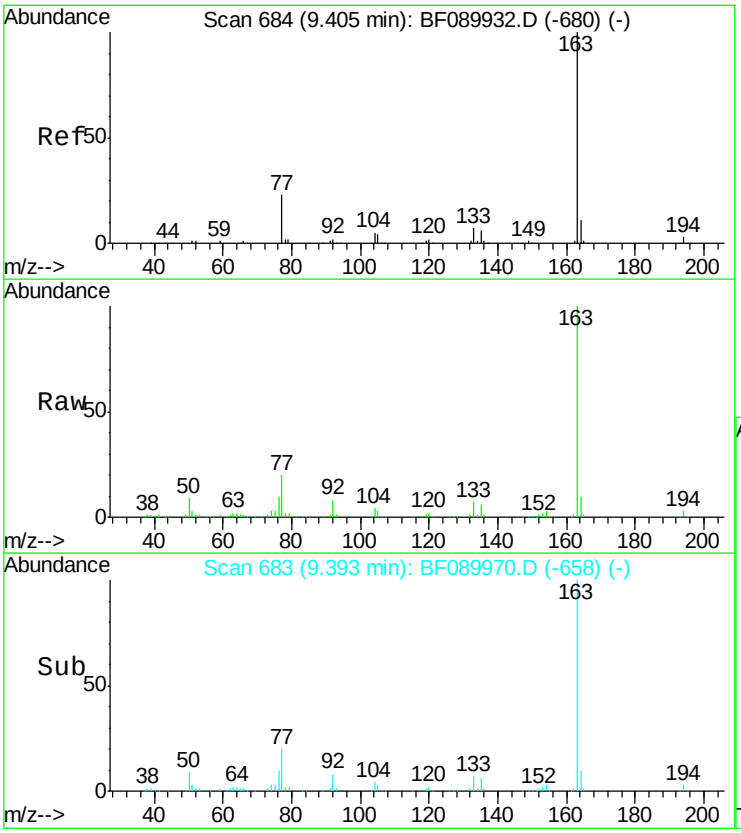
#44
2-Fluorobiphenyl
Concen: 20.38 ng
RT: 8.99 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 461885

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.4	44.2
170	23.8	20.1	30.1

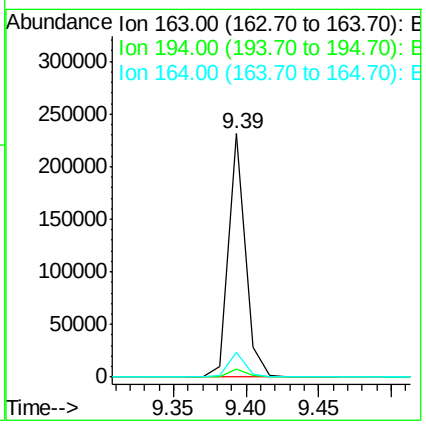


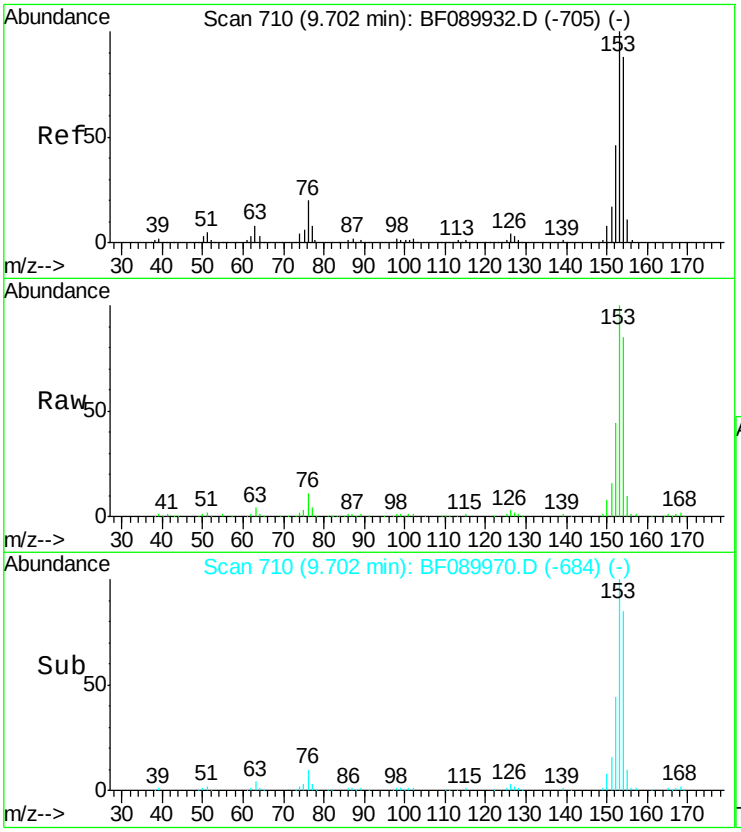


#49
Dimethylphthalate
Concen: 6.95 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Tgt Ion:163 Resp: 187001

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.4	9.0	13.4



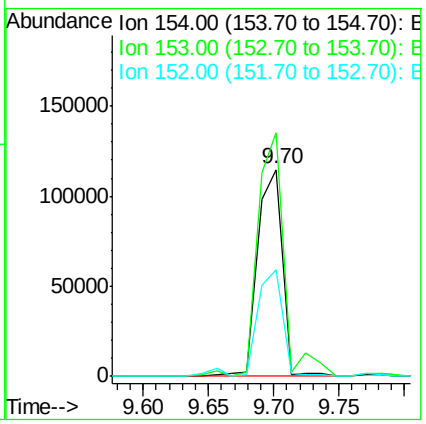


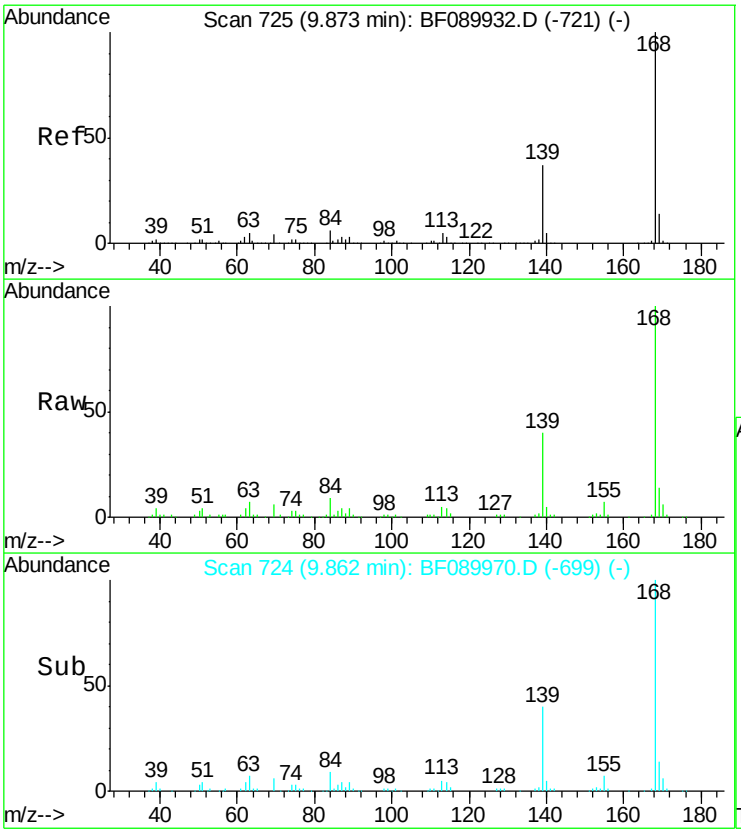
#51
Acenaphthene
Concen: 6.85 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 152084

Ion	Ratio	Lower	Upper
154	100		
153	117.6	90.6	135.8
152	51.6	42.4	63.6

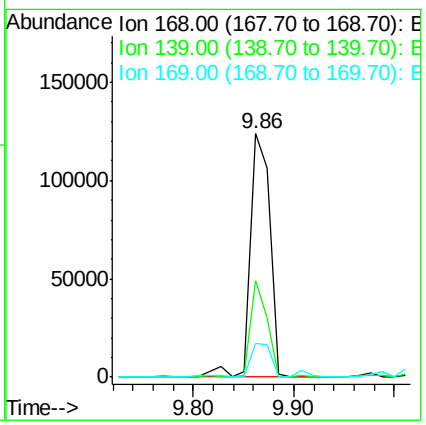


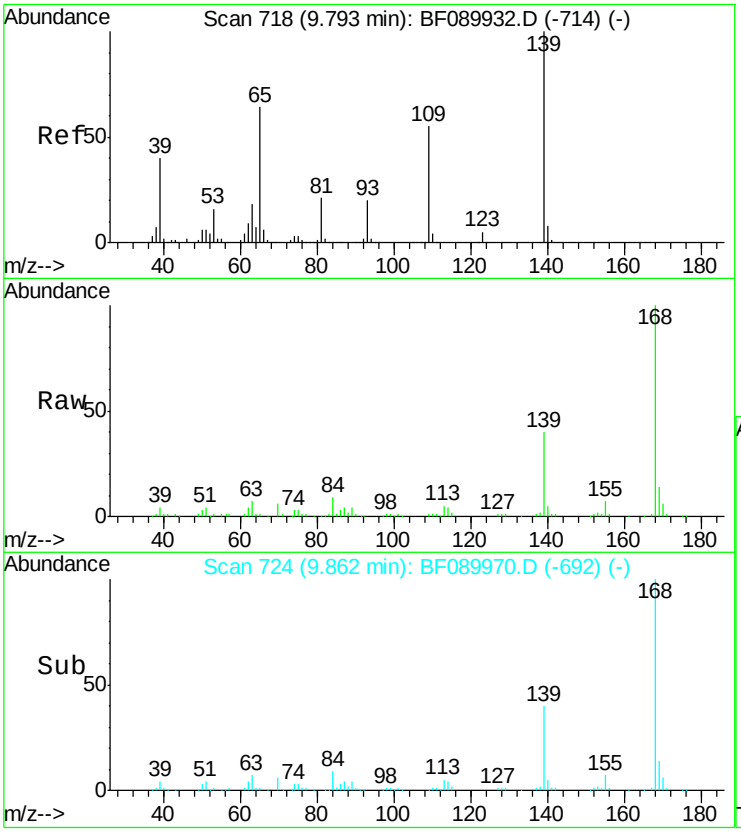


#54
Dibenzofuran
Concen: 5.62 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Tgt Ion:168 Resp: 167078

Ion	Ratio	Lower	Upper
168	100		
139	39.6	29.5	44.3
169	14.1	10.8	16.2



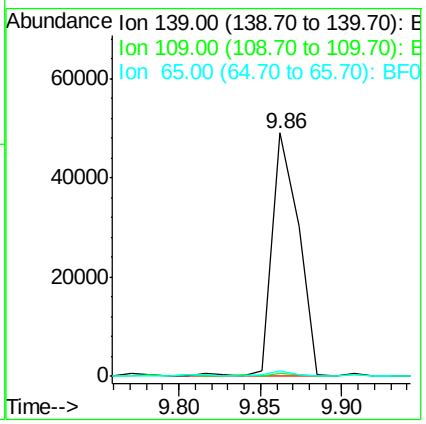


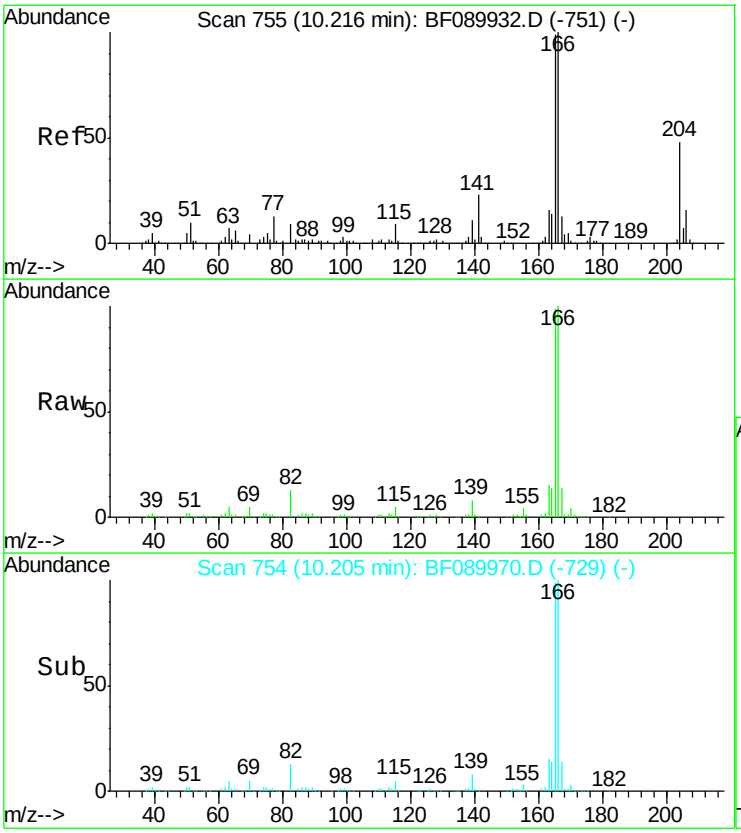
#55
4-Nitrophenol
Concen: 10.92 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.07 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 56217

Ion	Ratio	Lower	Upper
139	100		
109	1.4	31.3	71.3#
65	2.2	38.5	78.5#

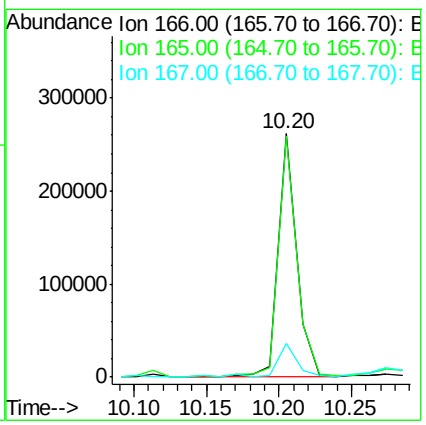


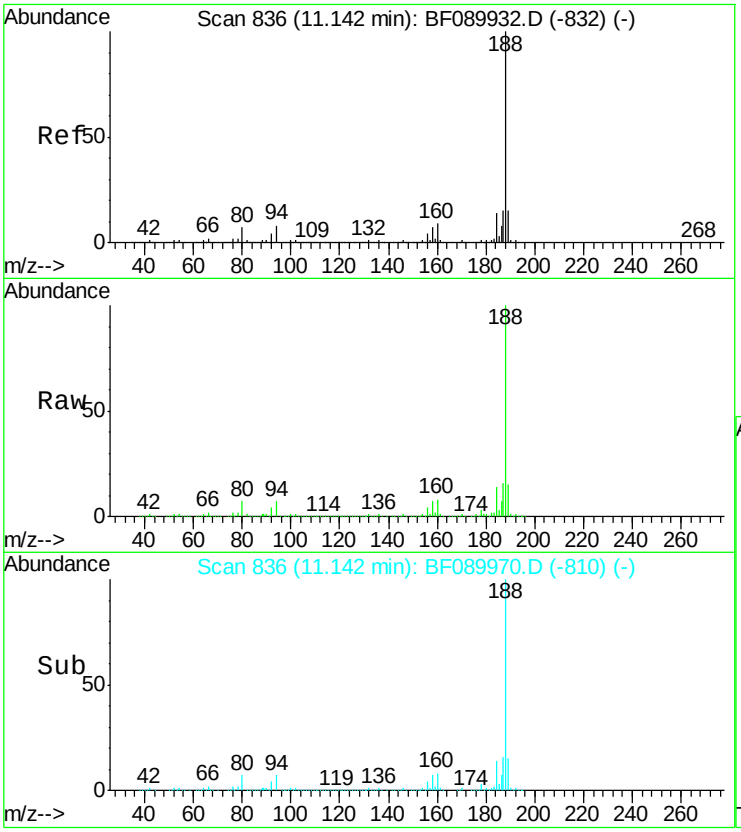


#57
Fluorene
Concen: 10.66 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Tgt Ion:166 Resp: 231773

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.6	118.0
167	14.0	10.6	15.8



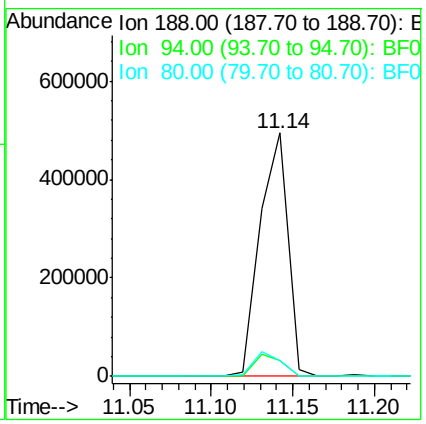


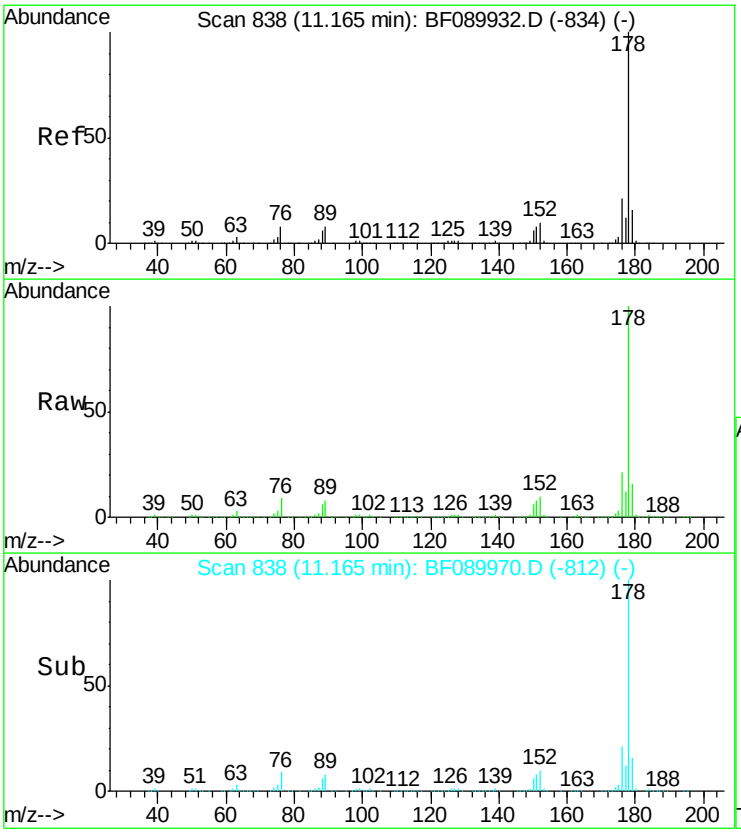
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 590087

Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.9	8.9
80	6.5	5.8	8.8

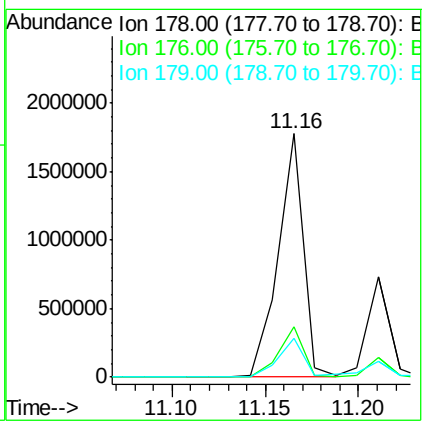


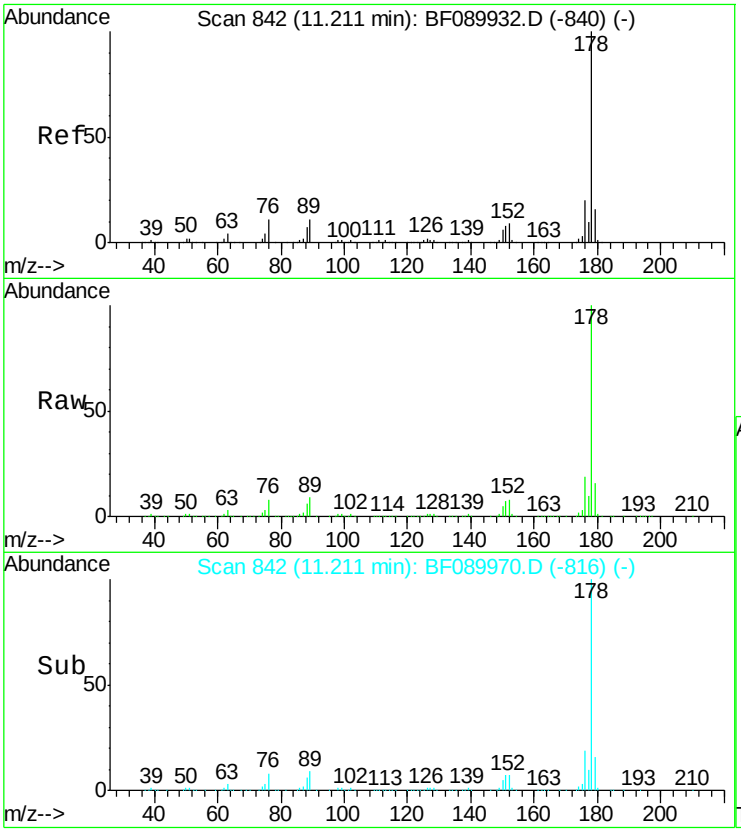


#70
Phenanthrene
Concen: 56.87 ng
RT: 11.16 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Tgt Ion:178 Resp: 1671032

Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.5	24.7
179	16.2	12.8	19.2



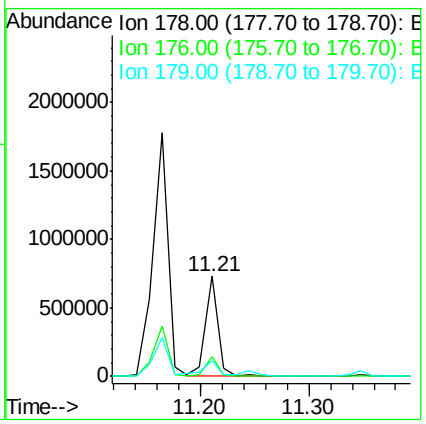


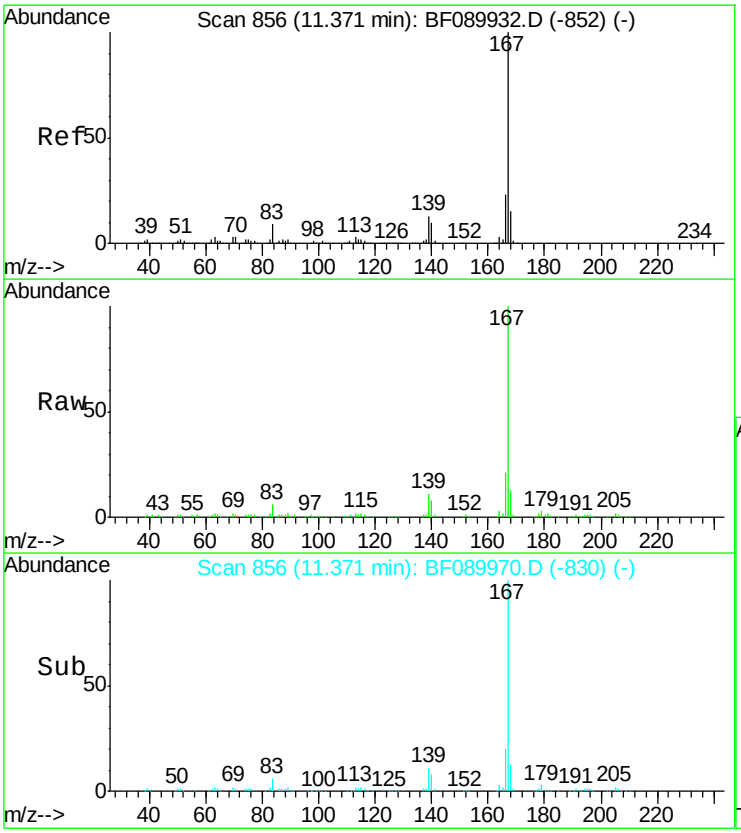
#71
Anthracene
Concen: 20.32 ng
RT: 11.21 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 605758

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.6	13.0	19.4

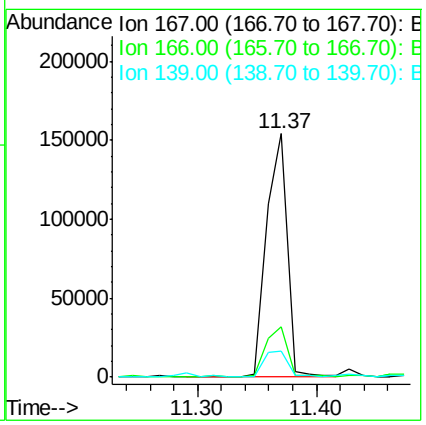


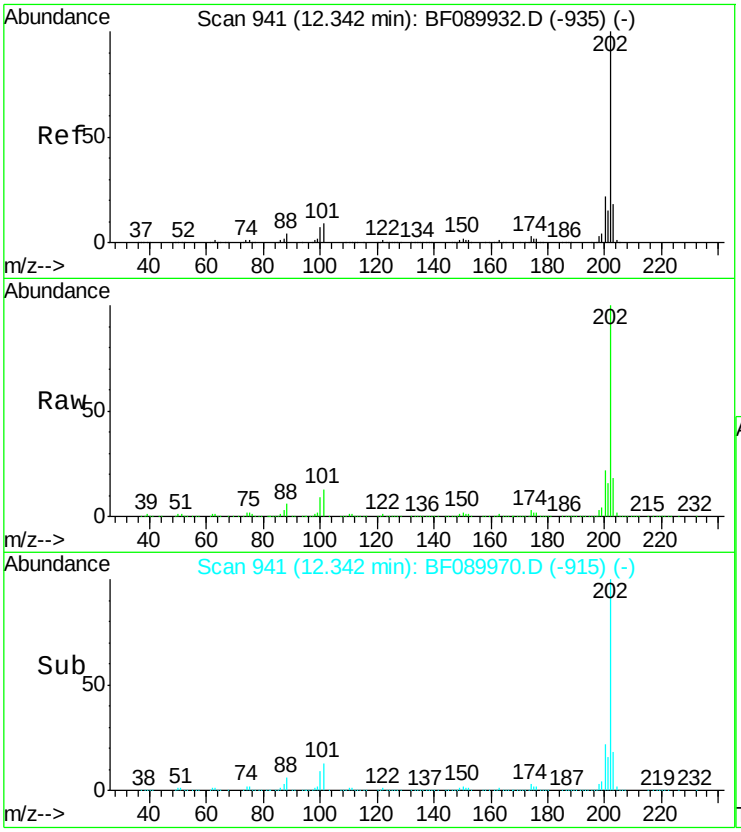


#72
Carbazole
Concen: 6.72 ng
RT: 11.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Tgt Ion:167 Resp: 187882

Ion	Ratio	Lower	Upper
167	100		
166	20.8	18.1	27.1
139	10.8	10.4	15.6



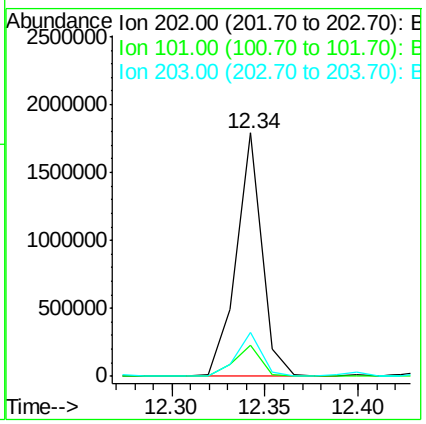


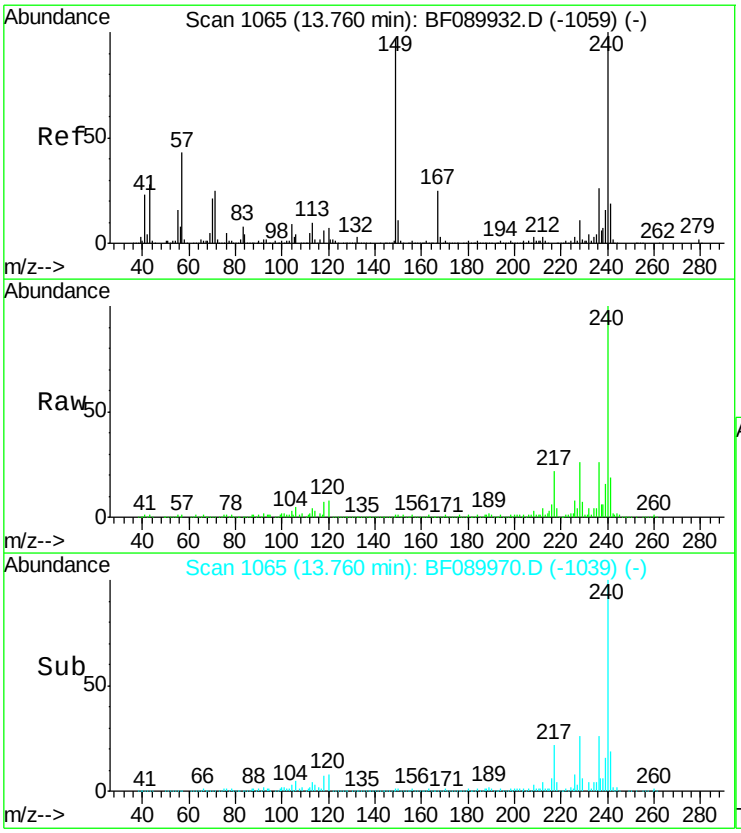
#74
Fluoranthene
Concen: 55.68 ng
RT: 12.34 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1714619

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	28.5
203	18.1	0.0	38.0

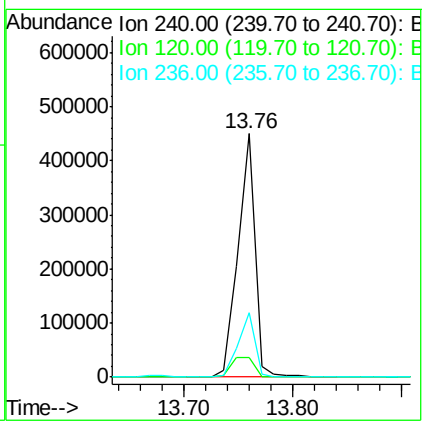


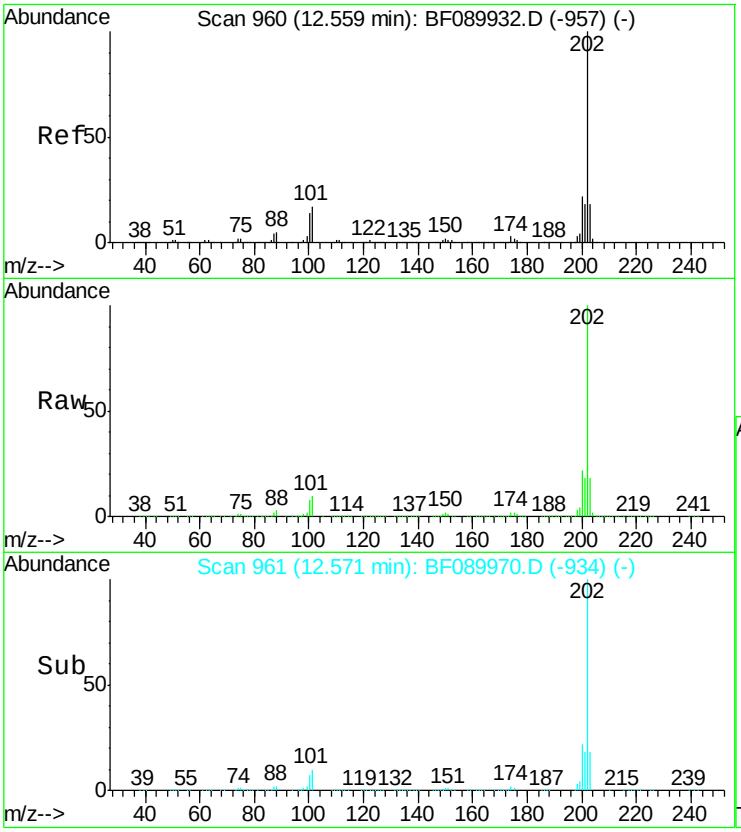


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.76 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Tgt Ion:240 Resp: 478413

Ion	Ratio	Lower	Upper
240	100		
120	8.0	5.7	8.5
236	26.4	21.3	31.9



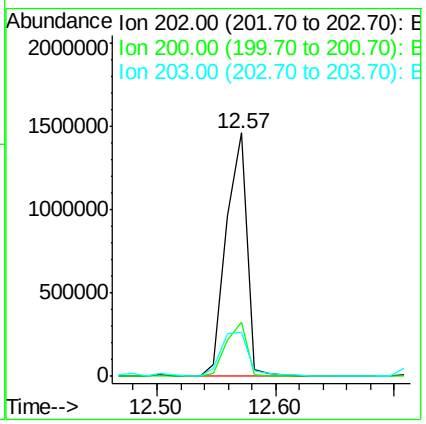


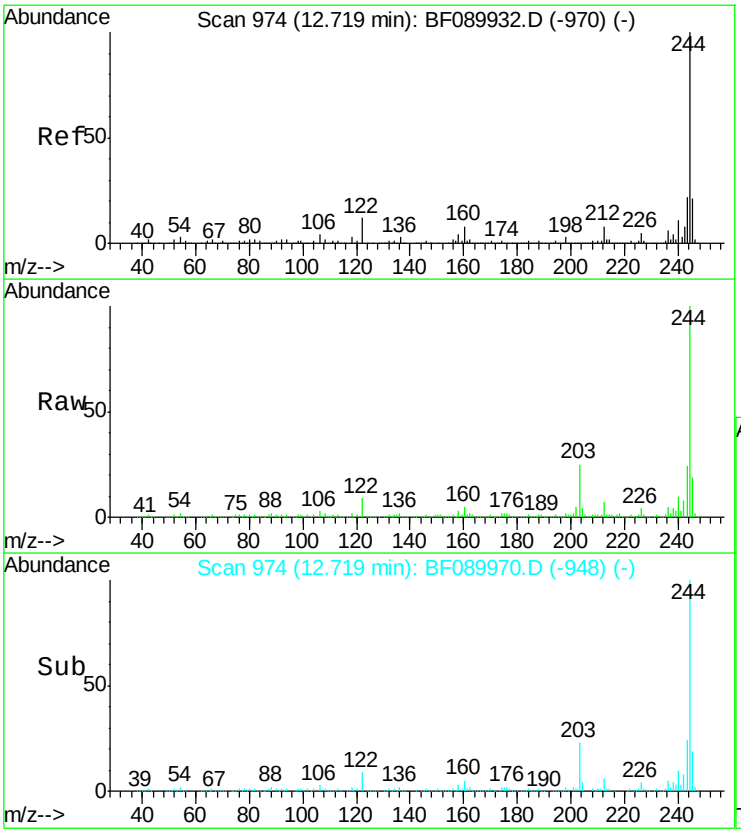
#77
Pyrene
Concen: 52.11 ng
RT: 12.57 min Scan# 961
Delta R.T. 0.01 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1757694

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	17.9	14.6	21.8

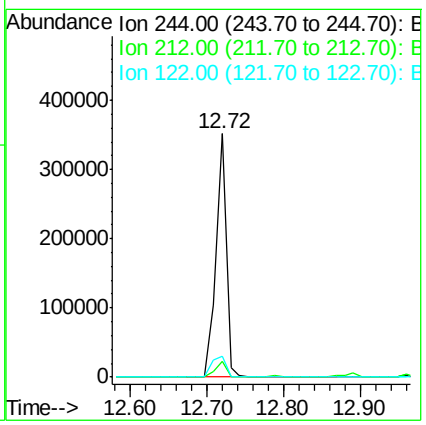


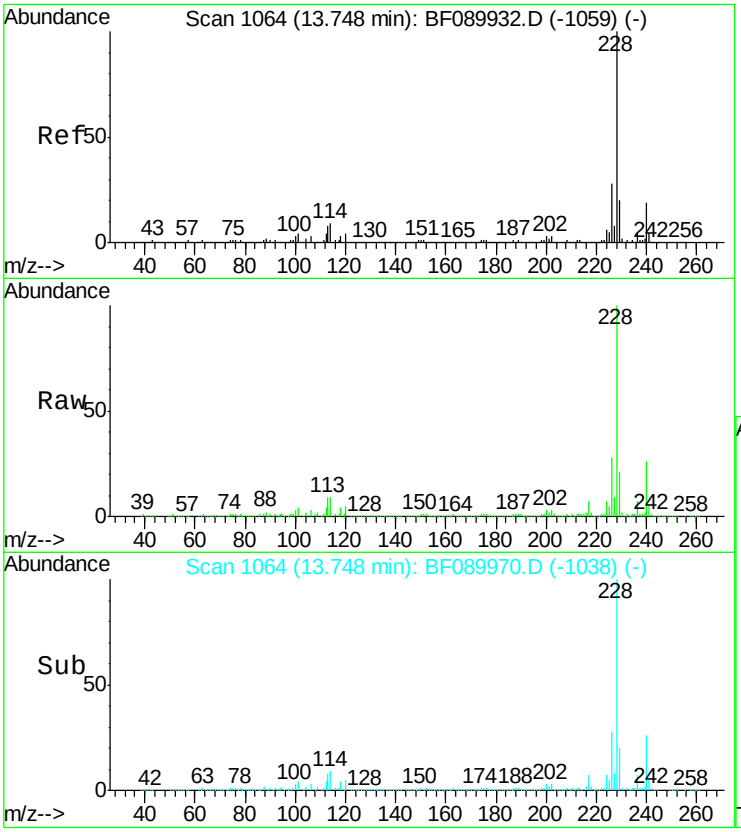


#78
Terphenyl-d14
Concen: 16.96 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Tgt Ion:244 Resp: 328437

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.1	9.1
122	8.6	9.6	14.4#



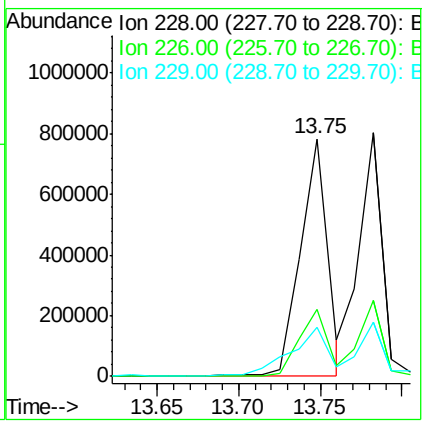


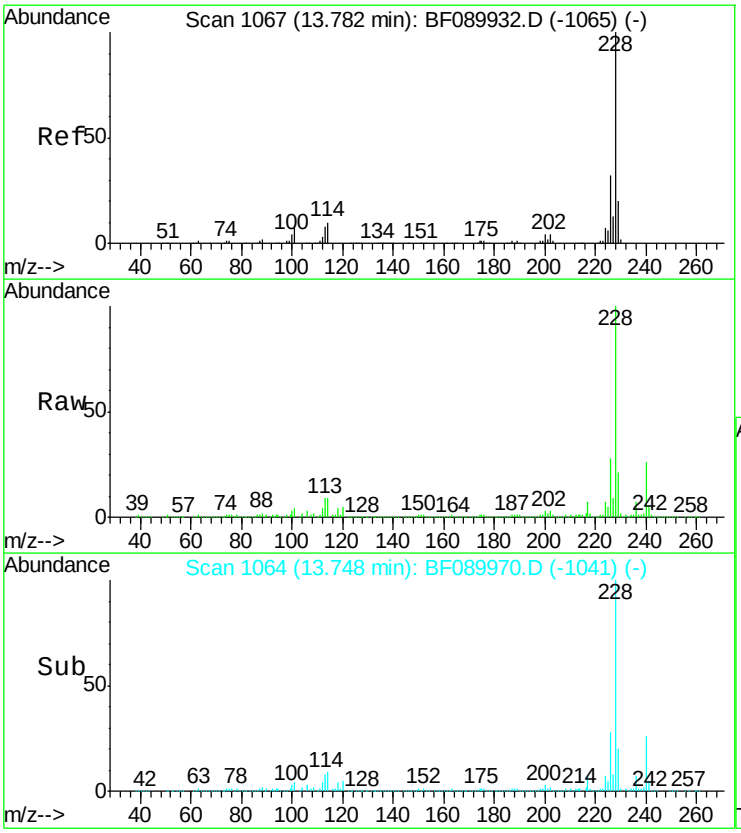
#80
Benzo(a)anthracene
Concen: 30.80 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 902517

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.2	33.2
229	20.6	15.8	23.6

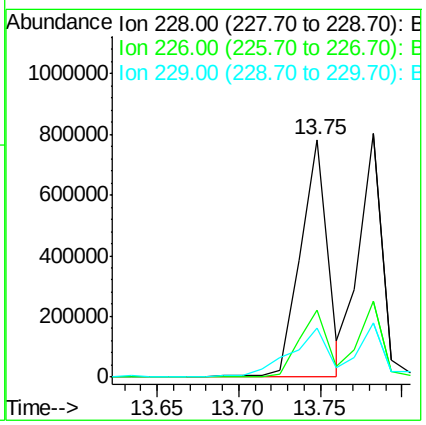


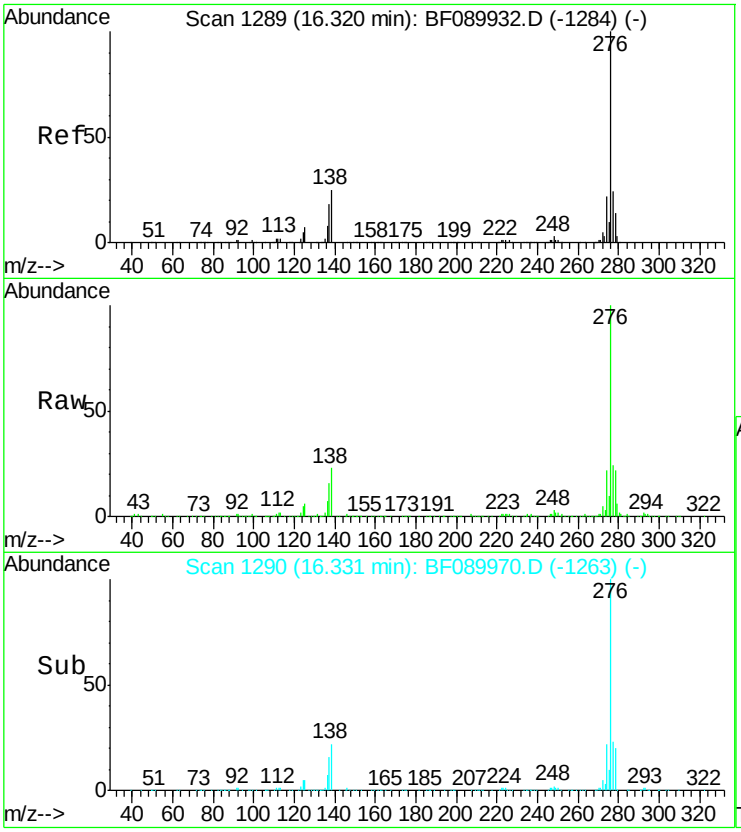


#82
Chrysene
Concen: 32.97 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.03 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Tgt Ion:228 Resp: 902517

Ion	Ratio	Lower	Upper
228	100		
226	28.2	25.2	37.8
229	20.6	16.2	24.2



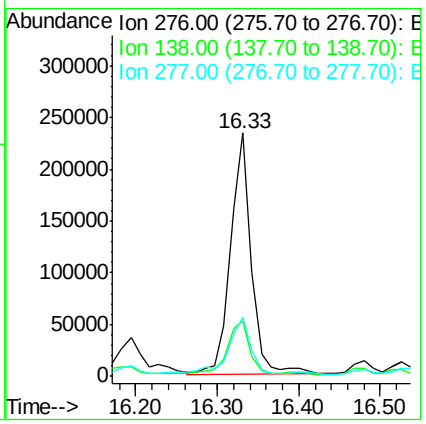


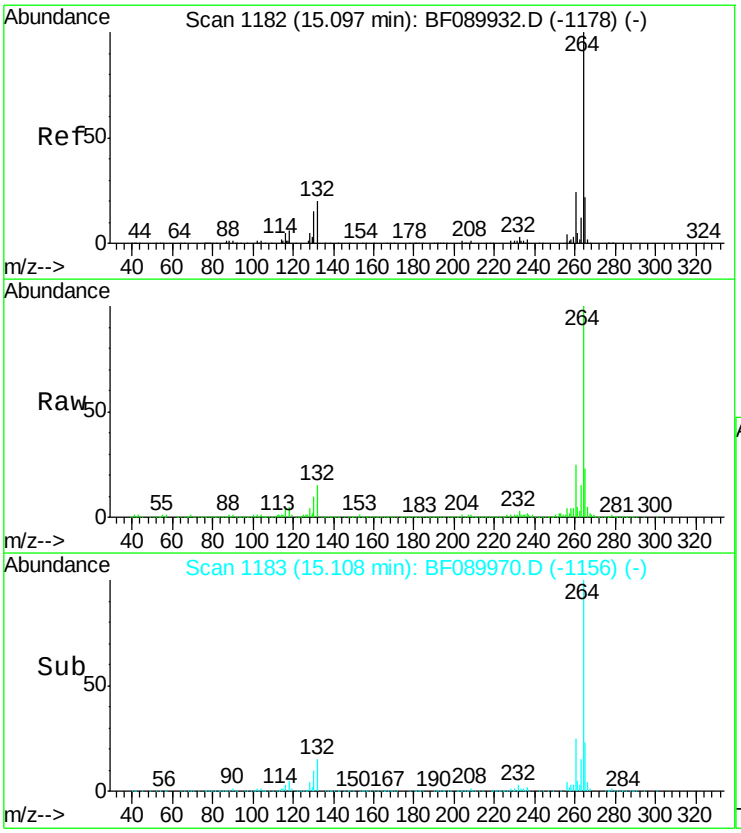
#85
Indeno(1,2,3-cd)pyrene
Concen: 20.44 ng
RT: 16.33 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 413651

Ion	Ratio	Lower	Upper
276	100		
138	25.7	22.6	34.0
277	27.2	20.1	30.1

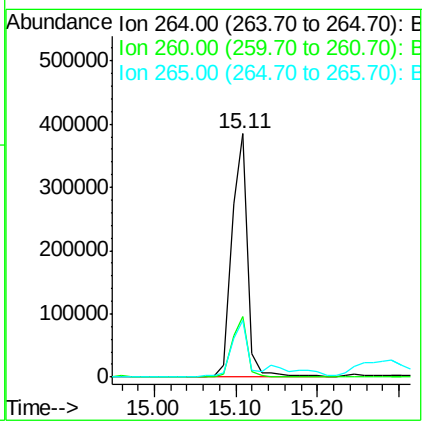


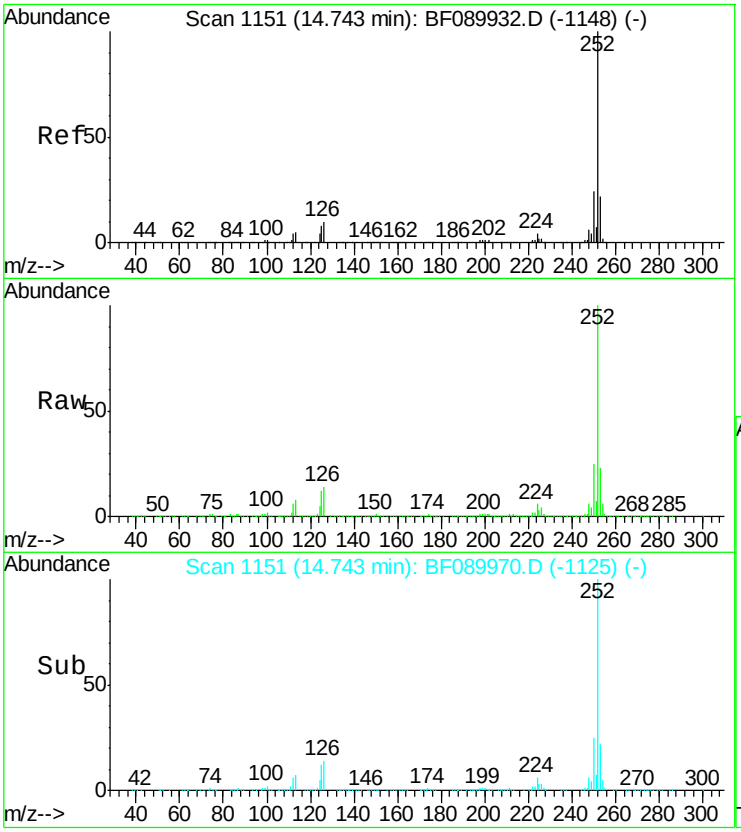


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Tgt Ion:264 Resp: 512948

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.0
265	23.4	17.4	26.2



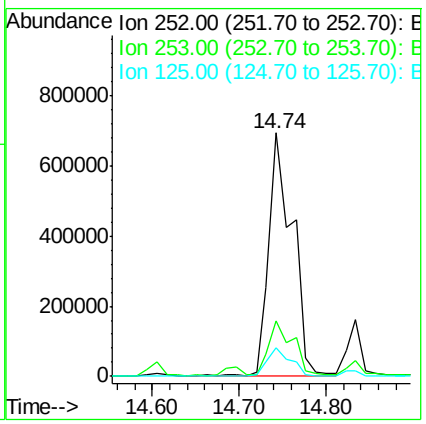


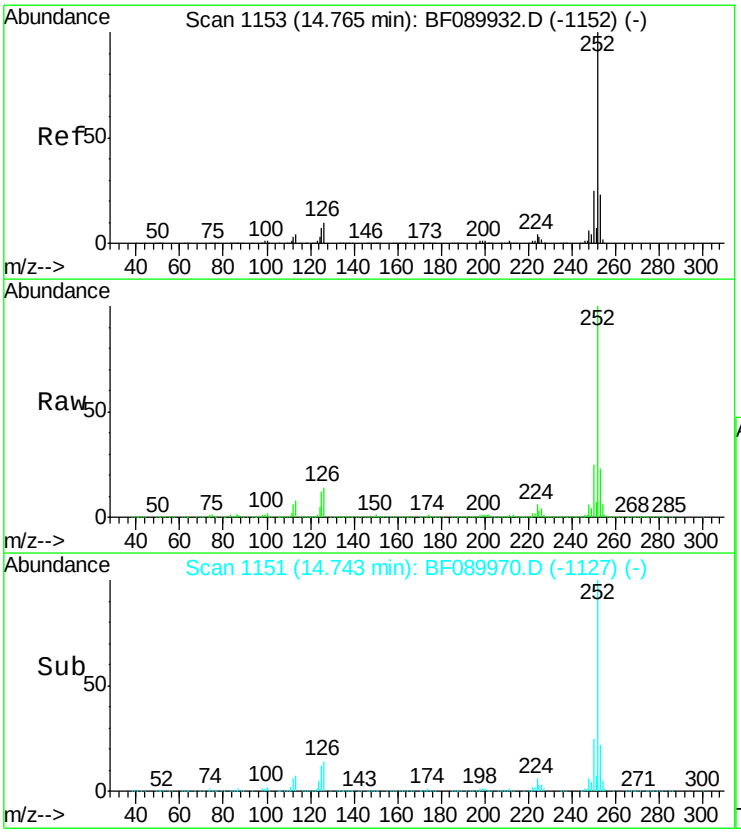
#87
Benzo(b)fluoranthene
Concen: 40.89 ng
RT: 14.74 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1313911

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	11.7	5.7	8.5#

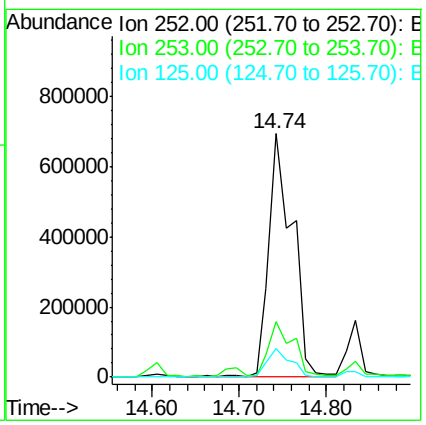


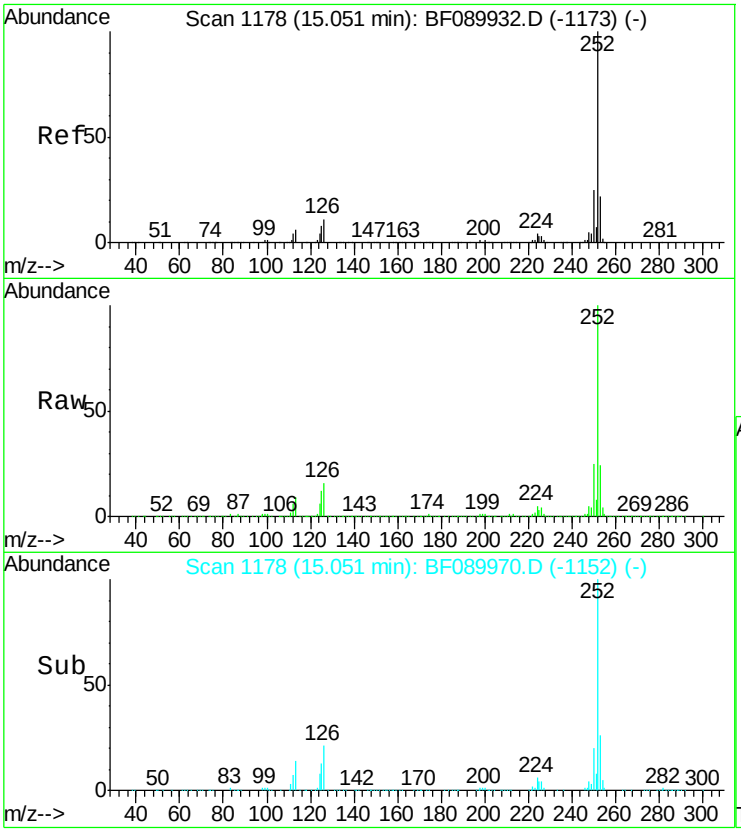


#88
Benzo(k)fluoranthene
Concen: 48.19 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Tgt Ion:252 Resp: 1313911

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	11.7	7.3	10.9#



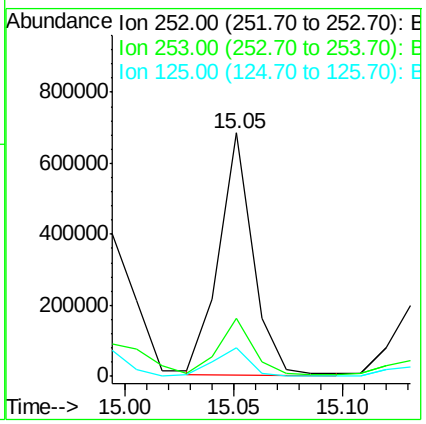


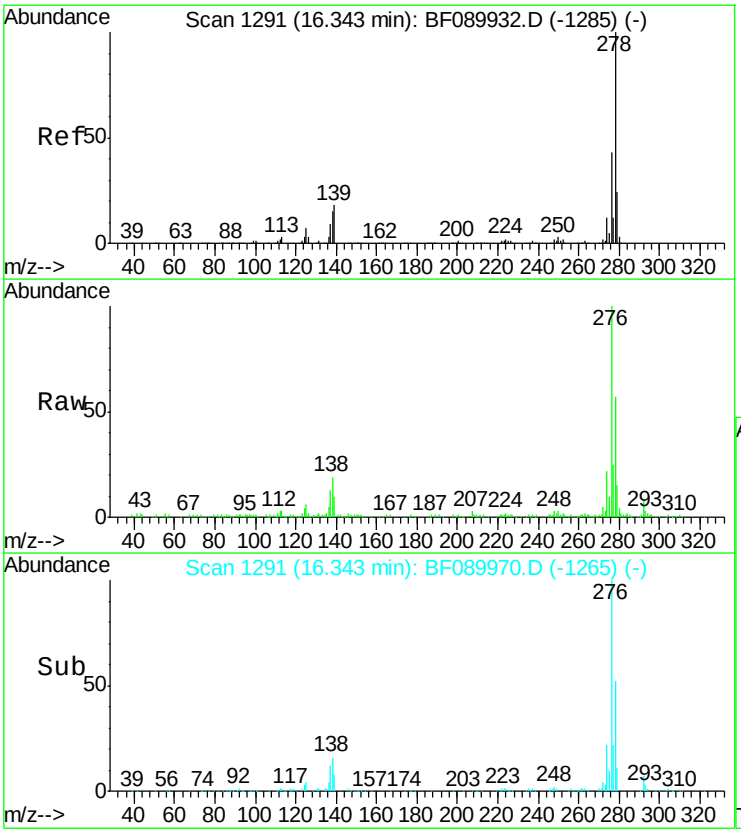
#89
Benzo(a)pyrene
Concen: 27.01 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 743670

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	11.9	6.3	9.5#

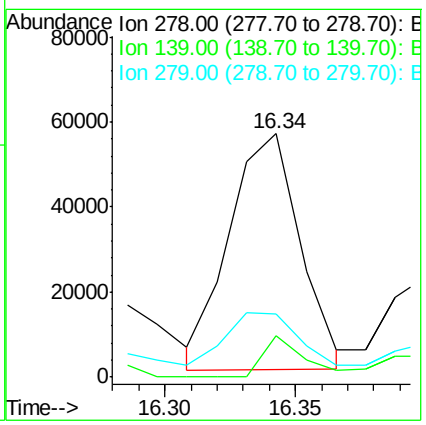


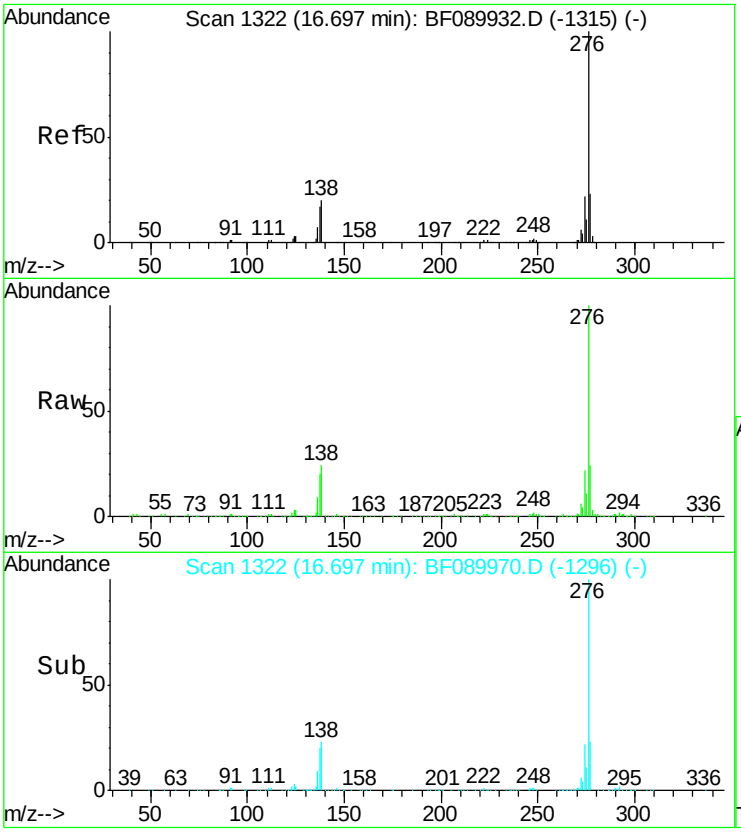


#90
Dibenzo(a,h)anthracene
Concen: 5.20 ng
RT: 16.34 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Tgt Ion:278 Resp: 104851

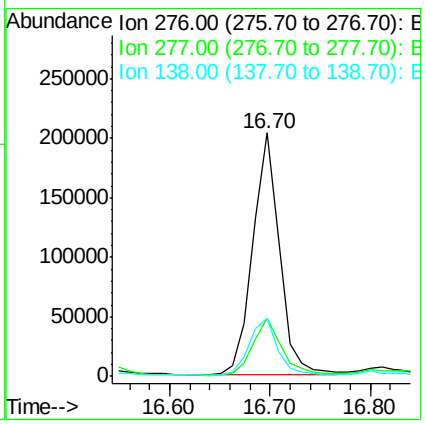
Ion	Ratio	Lower	Upper
278	100		
139	17.1	13.4	20.2
279	25.8	19.4	29.2





#91
Benzo(g,h,i)perylene
Concen: 18.39 ng
RT: 16.70 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF089970.D
Acq: 1 Sep 2016 15:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 373479

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	24.0	16.4	24.6