Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088310.D
Acq On : 24 Jun 2016 1:34
Operator : UM/SJ
Sample : H3682-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(0-6)

Quant Time: Jun 24 03:26:19 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 01:47:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	239324	20.00	ng		0.16
21) Naphthalene-d8	7.88	136	327232	20.00	ng		0.00
38) Acenaphthene-d10	9.62	164	142781	20.00	ng		-0.01
63) Phenanthrene-d10	11.11	188	239284	20.00	ng		0.00
75) Chrysene-d12	13.73	240	169645	20.00	ng		-0.01
86) Perylene-d12	15.09	264	162376	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	512525	36.61	ng		0.01
7) Phenol-d6	6.27	99	651287	38.39	ng		-0.01
23) Nitrobenzene-d5	7.16	82	343007	61.21	ng		-0.01
41) 2,4,6-Tribromophenol	10.42	330	129398	85.83	ng		-0.01
44) 2-Fluorobiphenyl	8.96	172	659749	71.72	ng		-0.01
78) Terphenyl-d14	12.69	244	472826	63.42	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.36	94	973	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.16	70	44637	4.11	ng	#	70
45) 1,1'-Biphenyl	9.06	154	772	Below Cal		#	43
49) Dimethylphthalate	9.36	163	224904	21.74	ng		99
56) 2,4-Dinitrotoluene	9.62	165	18287	6.01	ng	#	36
57) Fluorene	10.18	166	4080	Below Cal		#	89
66) 4-Bromophenyl-phenylether	10.42	248	8447	3.29	ng	#	1
70) Phenanthrene	11.13	178	30957	2.47	ng		98
74) Fluoranthene	12.31	202	67751	5.11	ng		98
77) Pyrene	12.54	202	71704	5.70	ng		99
80) Benzo(a)anthracene	13.76	228	50837	5.26	ng		97
82) Chrysene	13.76	228	50837	5.59	ng		98
85) Indeno(1,2,3-cd)pyrene	16.35	276	25240	2.99	ng	#	100
87) Benzo(b)fluoranthene	14.73	252	98220	8.68	ng	#	94
88) Benzo(k)fluoranthene	14.73	252	98220	11.50	ng		99
89) Benzo(a)pyrene	15.04	252	41852	4.57	ng	#	96
91) Benzo(g,h,i)perylene	16.73	276	22495	2.57	ng		95

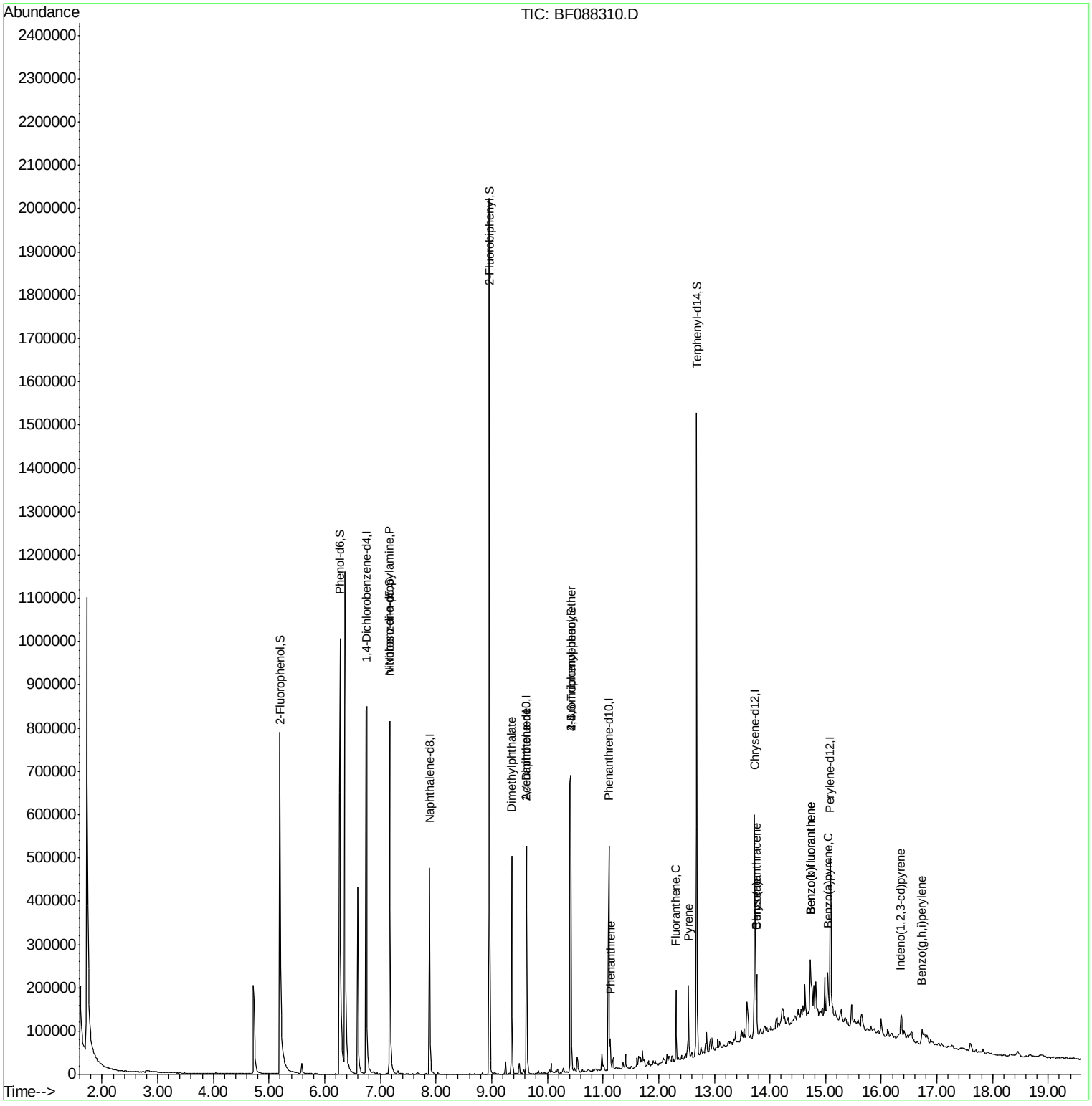
(#) = qualifier out of range (m) = manual integration (+) = signals summed

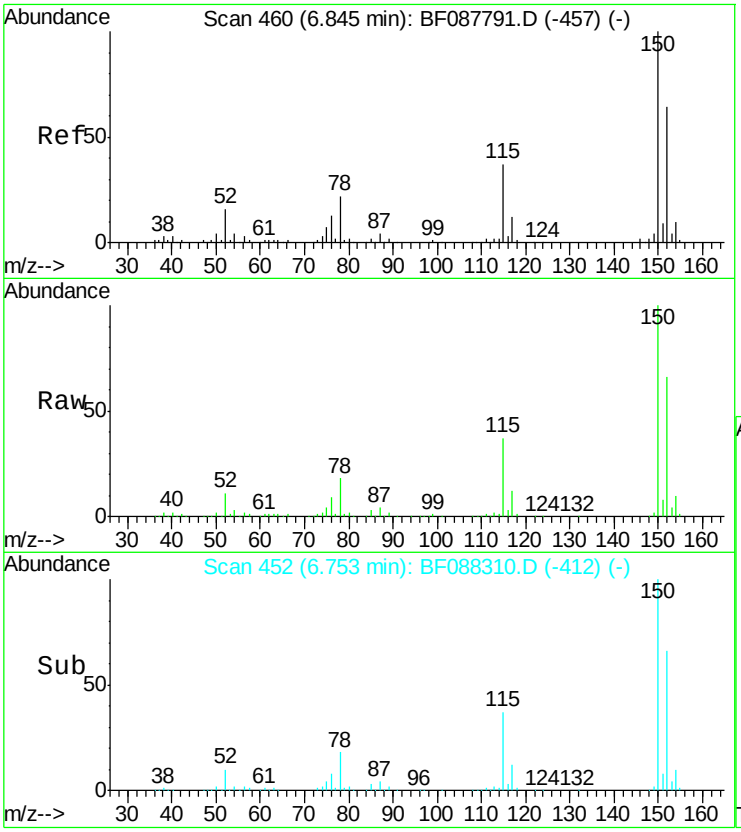
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088310.D
Acq On : 24 Jun 2016 1:34
Operator : UM/SJ
Sample : H3682-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3(0-6)

Quant Time: Jun 24 03:26:19 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 01:47:17 2016
Response via : Initial Calibration



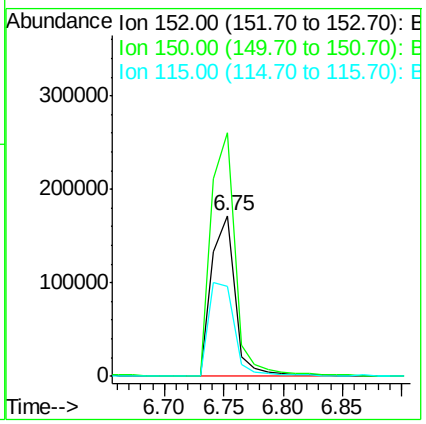


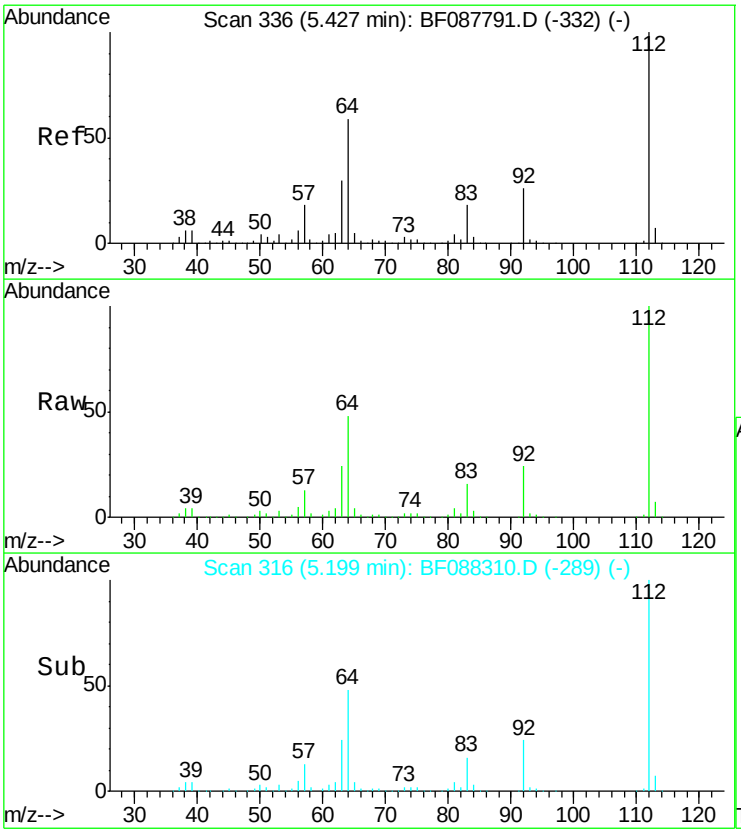
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 452
Delta R.T. 0.16 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Instrument :
BNA_F
ClientSampleId :
SB-3(0-6)

Tgt Ion:152 Resp: 239324

Ion	Ratio	Lower	Upper
152	100		
150	151.6	123.8	185.6
115	56.4	39.6	59.4

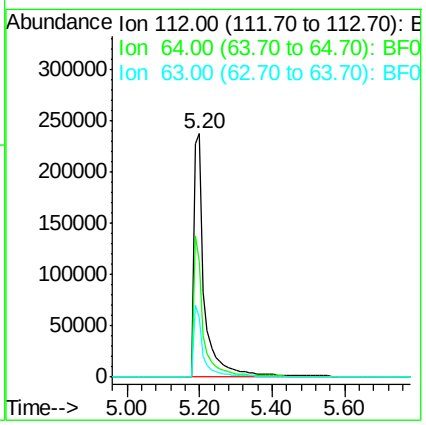


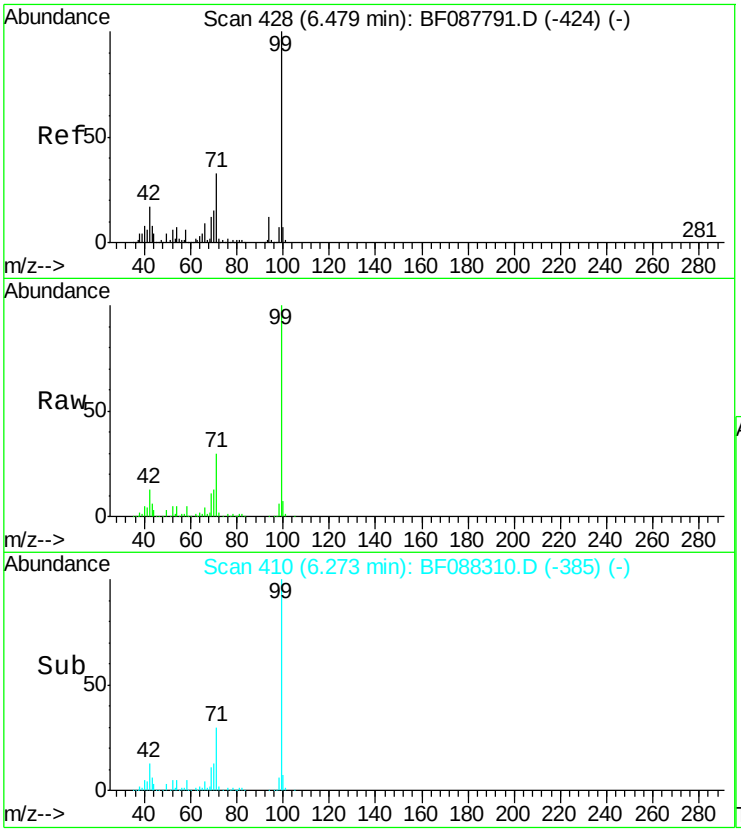


#5
2-Fluorophenol
Concen: 36.61 ng
RT: 5.20 min Scan# 316
Delta R.T. 0.01 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Tgt Ion:112 Resp: 512525

Ion	Ratio	Lower	Upper
112	100		
64	47.7	42.2	63.2
63	24.2	21.8	32.8



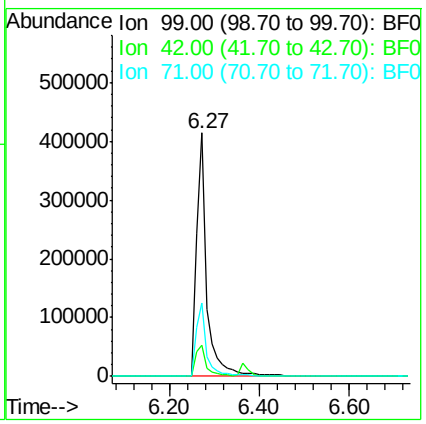


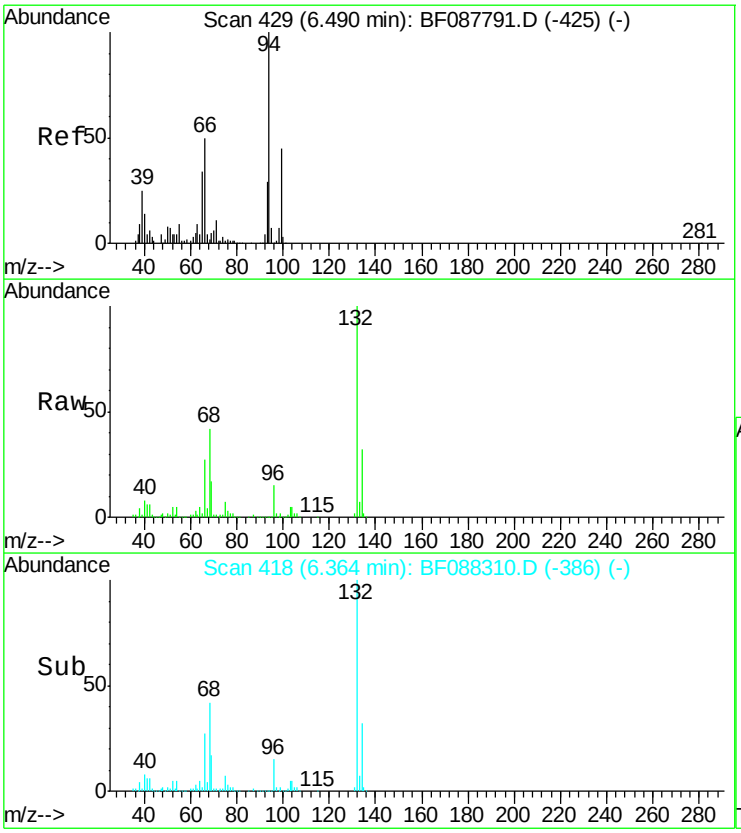
#7
Phenol-d6
Concen: 38.39 ng
RT: 6.27 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Instrument :
BNA_F
ClientSampleId :
SB-3(0-6)

Tgt Ion: 99 Resp: 651287

Ion	Ratio	Lower	Upper
99	100		
42	12.7	12.2	18.2
71	30.4	23.4	35.0

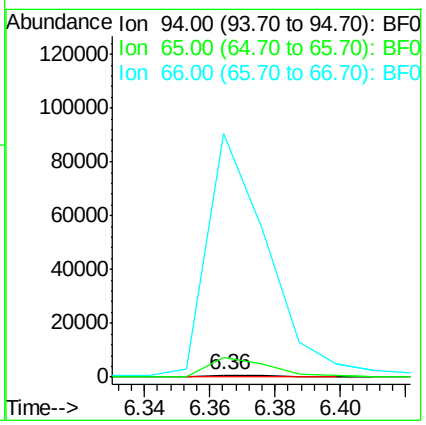


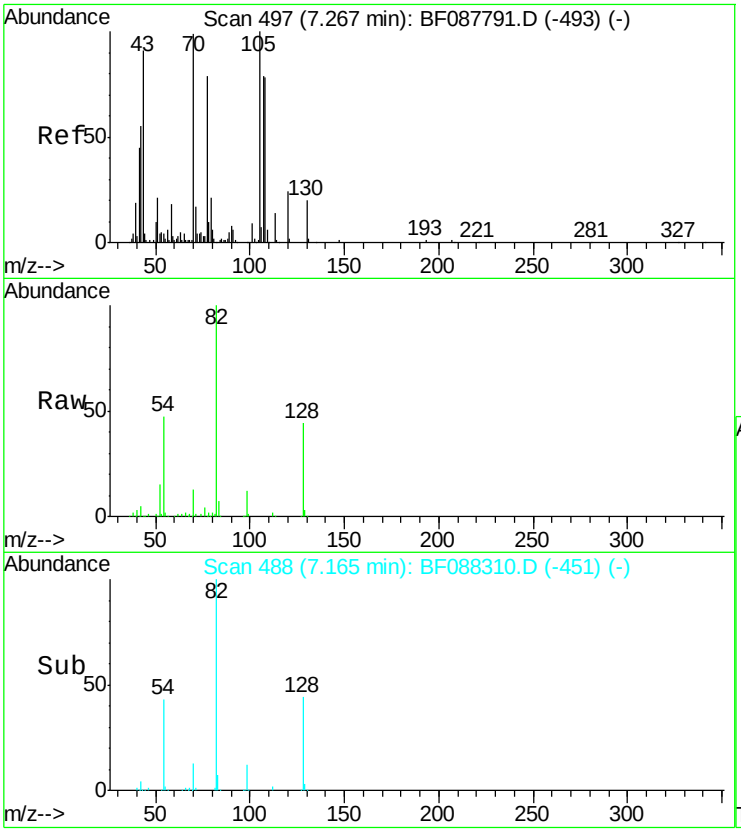


#10
Phenol
Concen: Below Cal
RT: 6.36 min Scan# 418
Delta R.T. 0.07 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Tgt Ion: 94 Resp: 973

Ion	Ratio	Lower	Upper
94	100		
65	824.2	5.9	45.9#
66	10439.7	14.0	54.0#



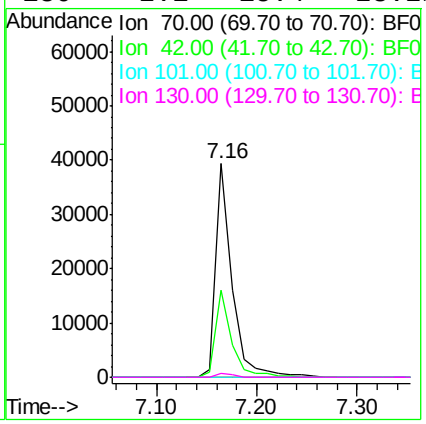


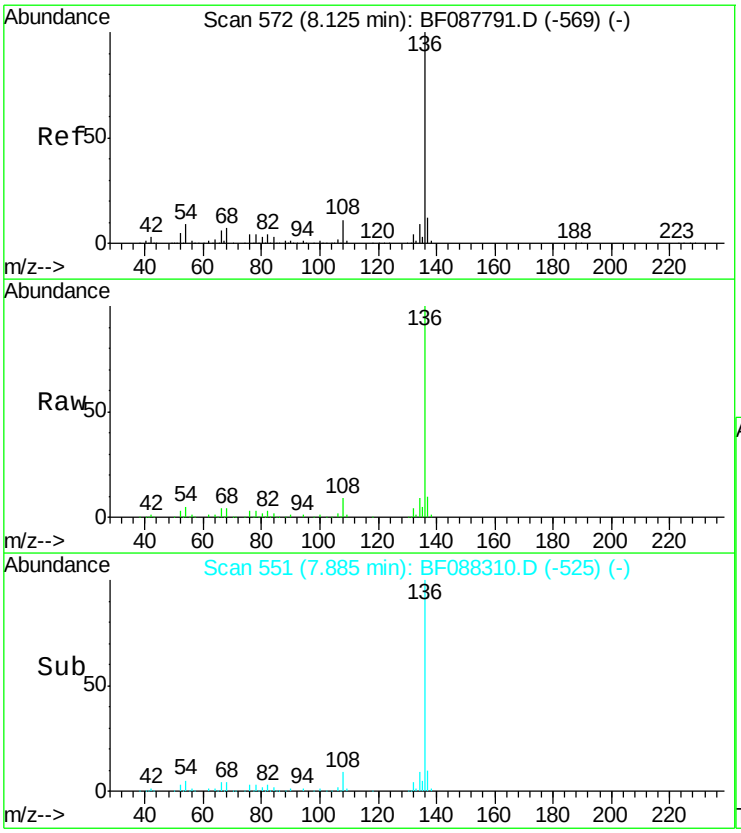
#19
n-Nitroso-di-n-propylamine
Concen: 4.11 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.13 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Instrument :
BNA_F
ClientSampleId :
SB-3(0-6)

Tgt Ion: 70 Resp: 44637

Ion	Ratio	Lower	Upper
70	100		
42	40.7	49.6	74.4#
101	0.0	7.1	10.7#
130	2.1	15.4	23.2#

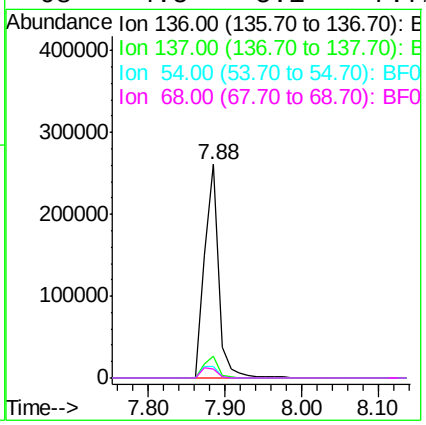


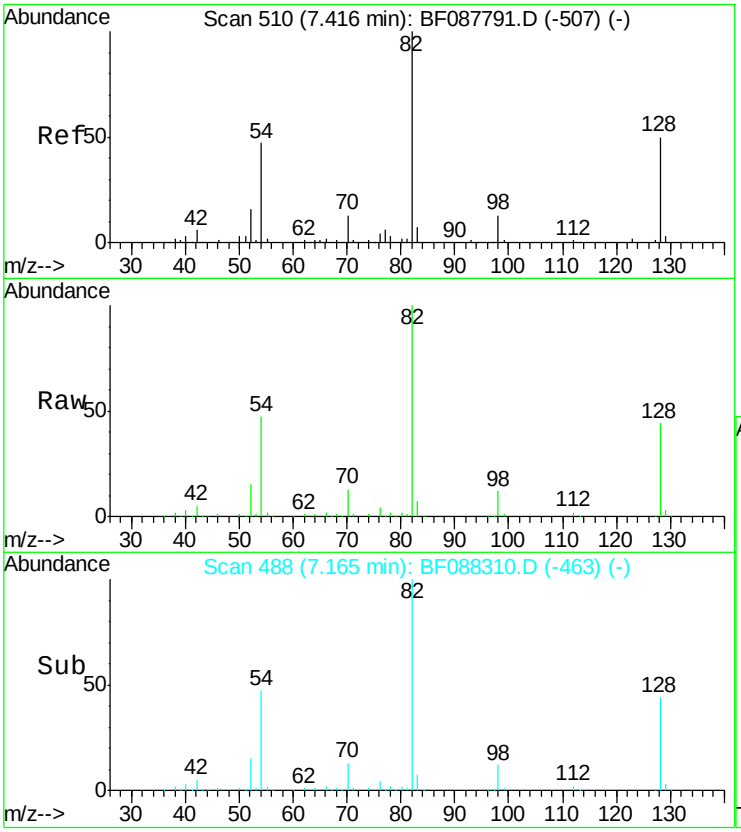


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Tgt Ion:136 Resp: 327232

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	5.1	6.6	10.0#
68	4.5	5.1	7.7#



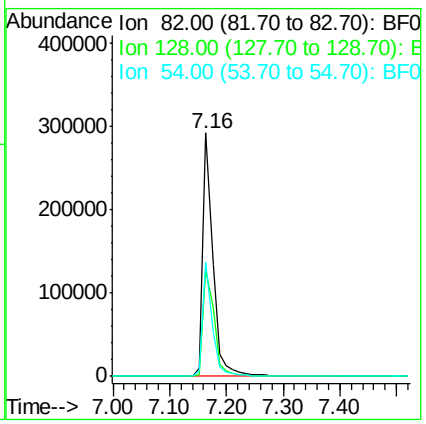


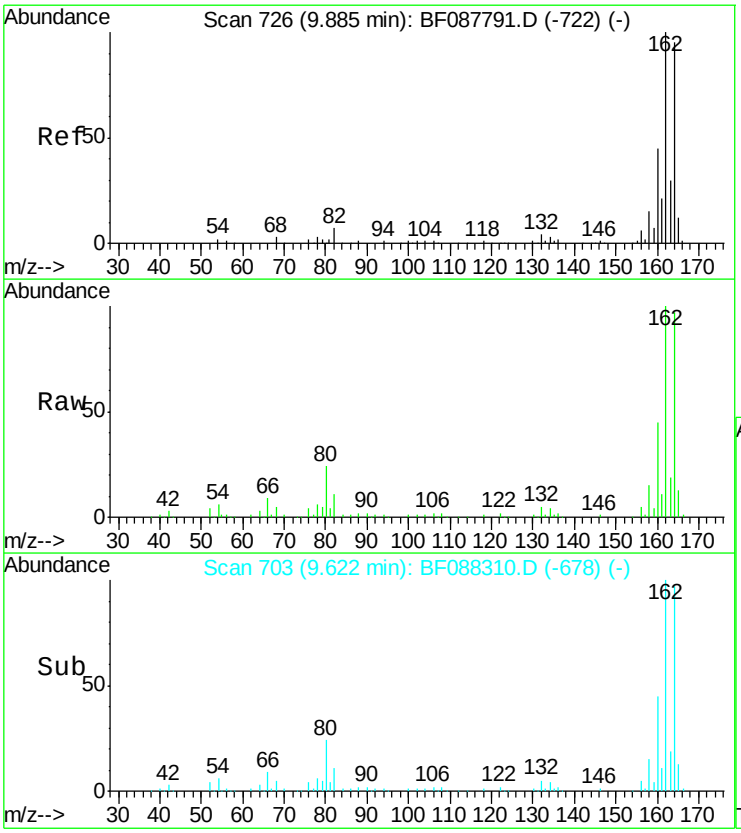
#23
Nitrobenzene-d5
Concen: 61.21 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Instrument :
BNA_F
ClientSampleId :
SB-3(0-6)

Tgt Ion: 82 Resp: 343007

Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.9	53.9
54	46.7	40.9	61.3

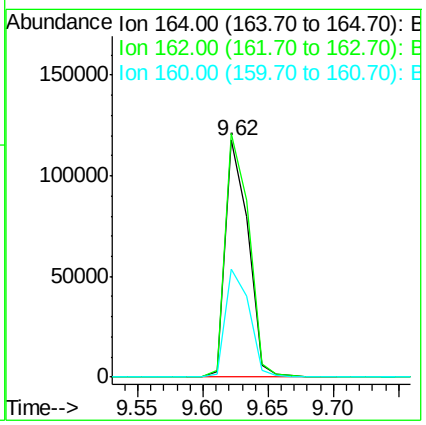


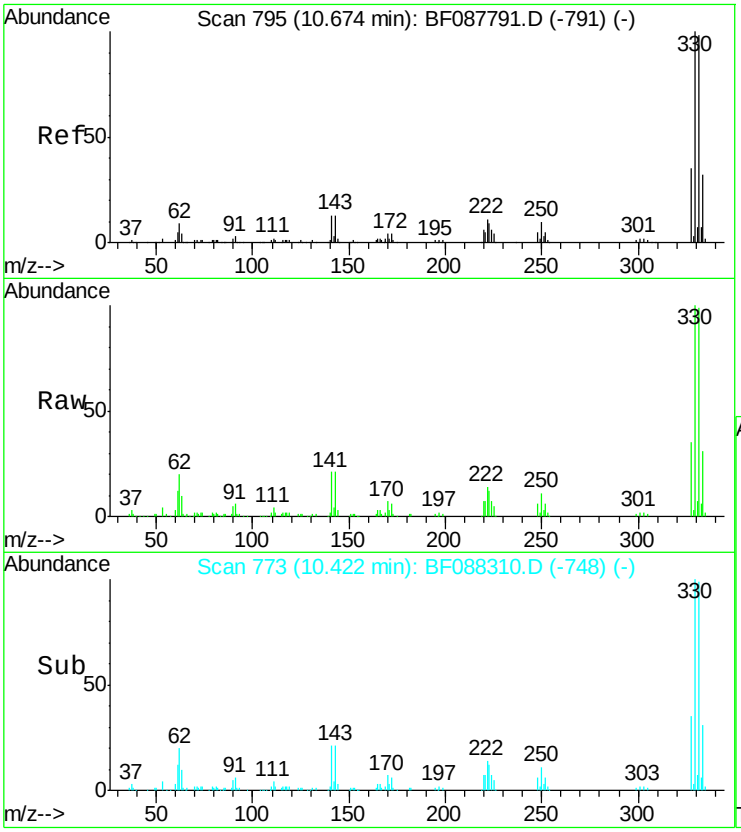


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Tgt Ion:164 Resp: 142781

Ion	Ratio	Lower	Upper
164	100		
162	102.8	85.4	128.2
160	45.8	39.5	59.3



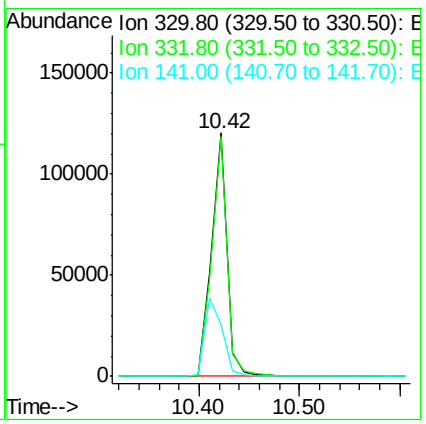


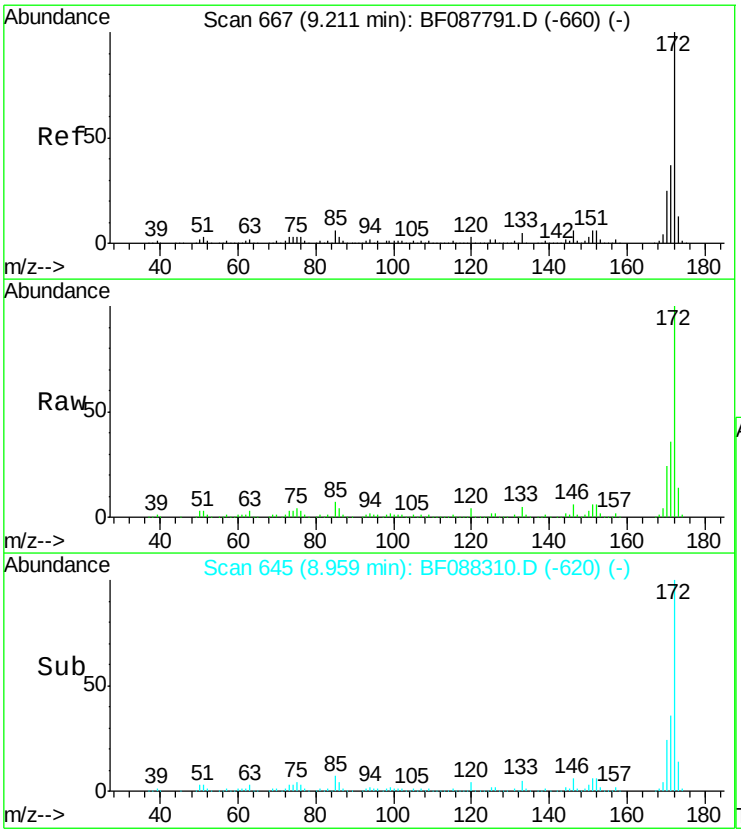
#41
2,4,6-Tribromophenol
Concen: 85.83 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Instrument :
BNA_F
ClientSampleId :
SB-3(0-6)

Tgt Ion:330 Resp: 129398

Ion	Ratio	Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	36.9	0.0	0.0#

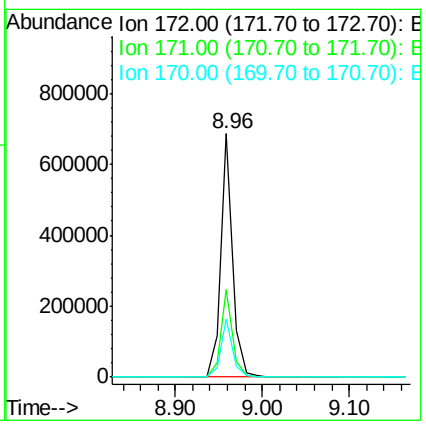


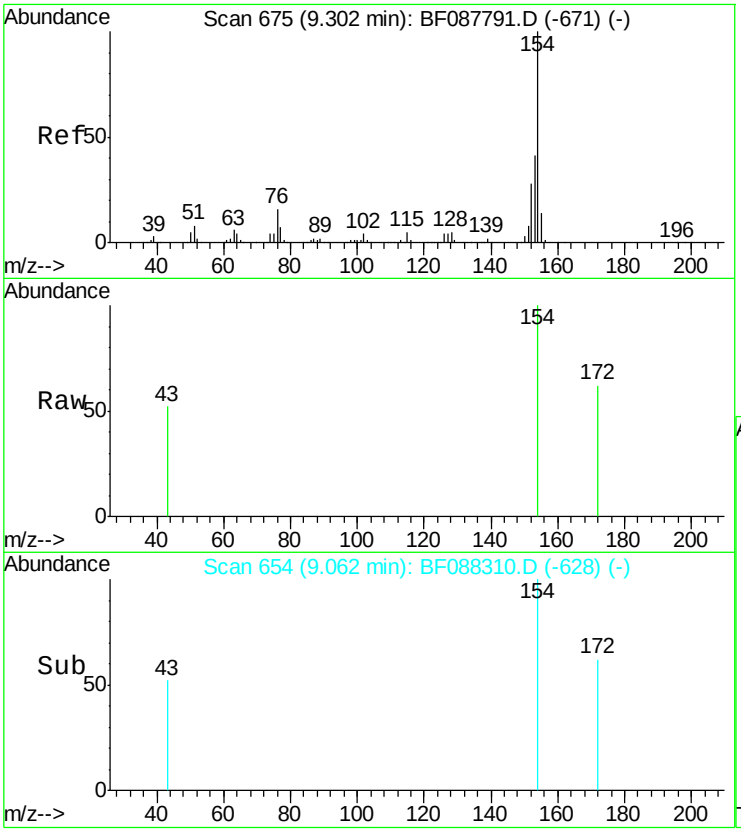


#44
2-Fluorobiphenyl
Concen: 71.72 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Tgt Ion:172 Resp: 659749

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	24.0	19.2	28.8



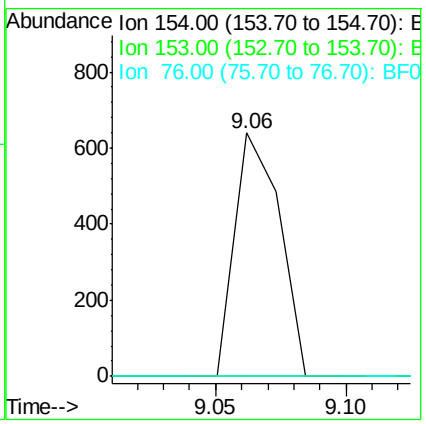


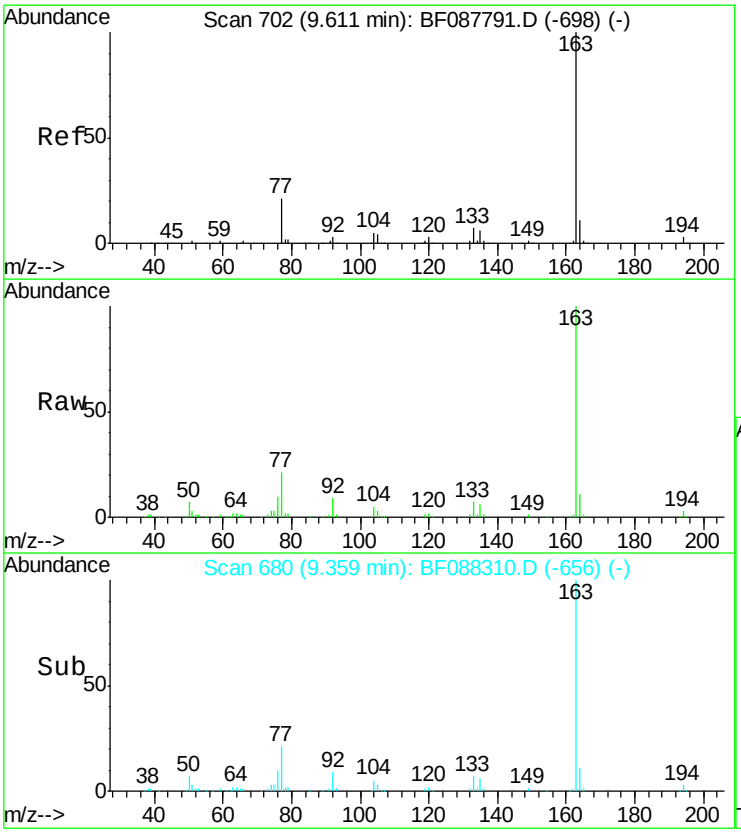
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.06 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Instrument :
BNA_F
ClientSampleId :
SB-3(0-6)

Tgt Ion:154 Resp: 772

Ion	Ratio	Lower	Upper
154	100		
153	0.0	20.6	60.6#
76	0.0	0.0	35.1

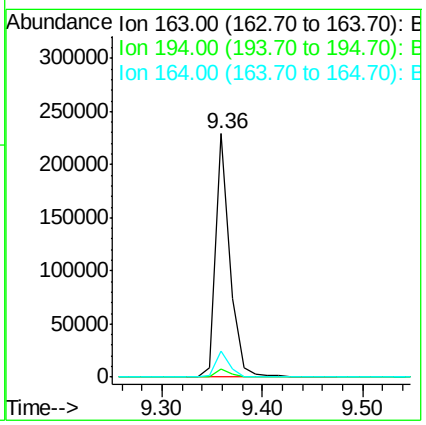


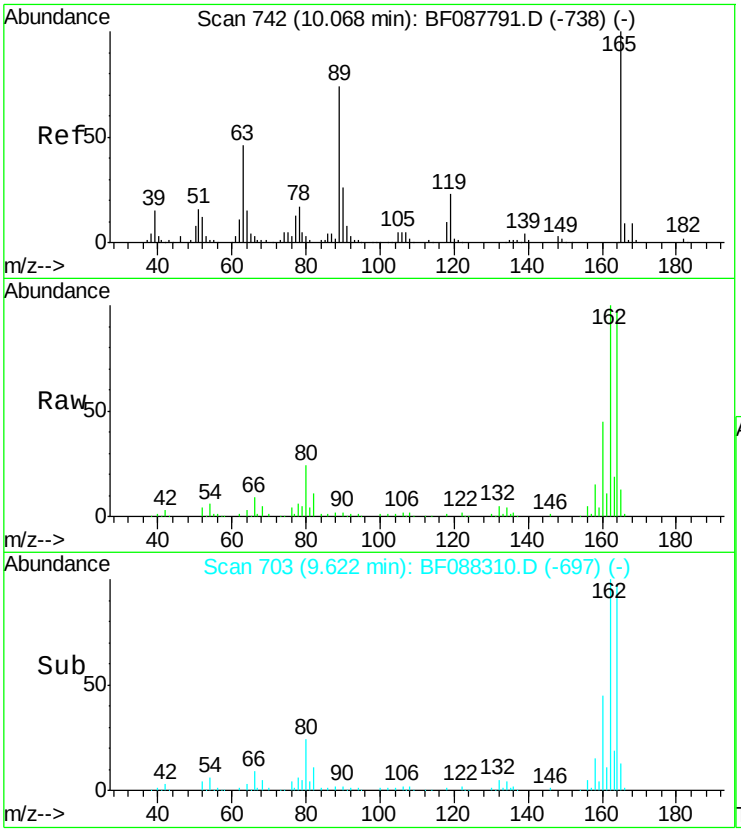


#49
Dimethylphthalate
Concen: 21.74 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Tgt Ion:163 Resp: 224904

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.6	8.3	12.5



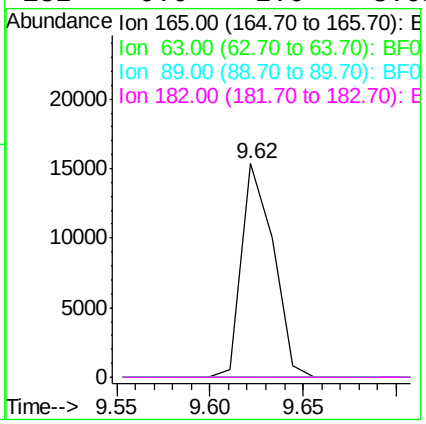


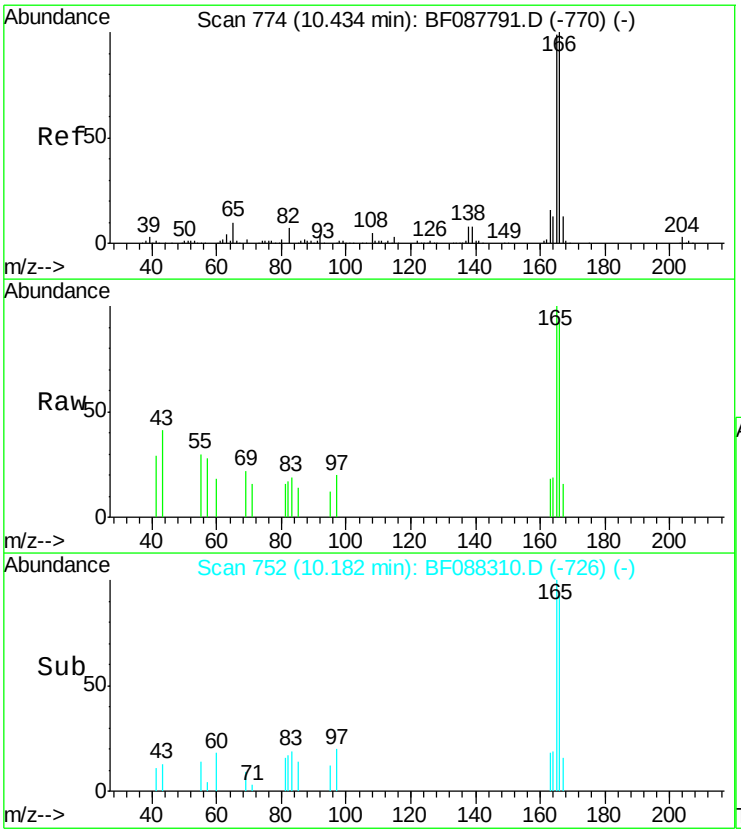
#56
2,4-Dinitrotoluene
Concen: 6.01 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.23 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Instrument :
BNA_F
ClientSampleId :
SB-3(0-6)

Tgt Ion:165 Resp: 18287

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#

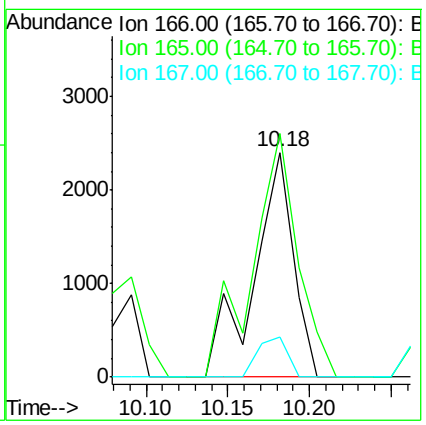


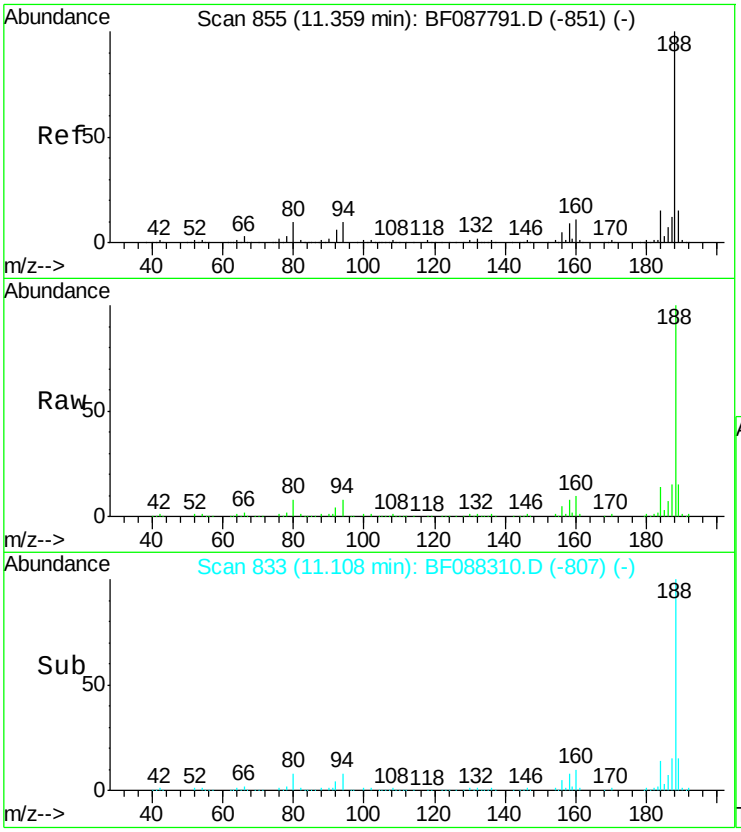


#57
Fluorene
Concen: Below Cal
RT: 10.18 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Tgt Ion:166 Resp: 4080

Ion	Ratio	Lower	Upper
166	100		
165	108.3	77.8	116.8
167	17.6	11.2	16.8#



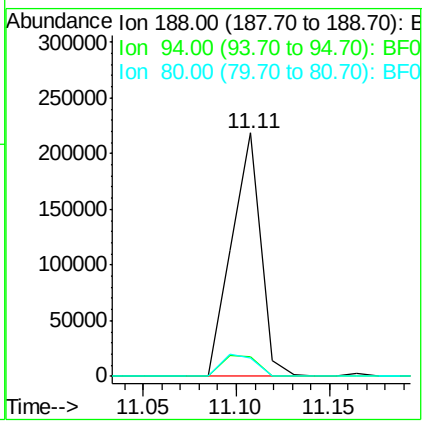


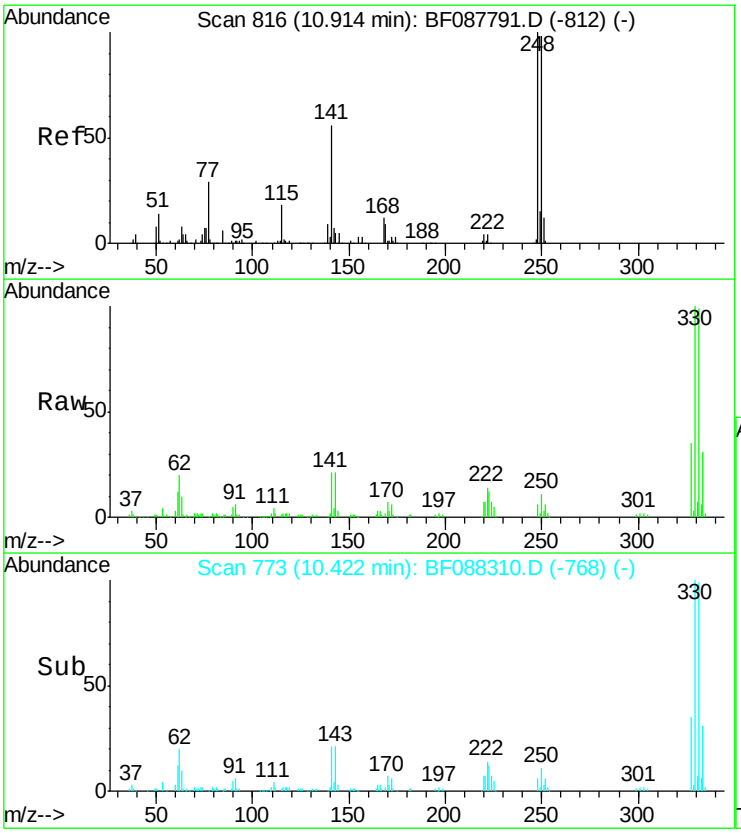
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Instrument :
BNA_F
ClientSampleId :
SB-3(0-6)

Tgt Ion:188 Resp: 239284

Ion	Ratio	Lower	Upper
188	100		
94	7.9	9.0	13.6#
80	7.6	10.0	15.0#

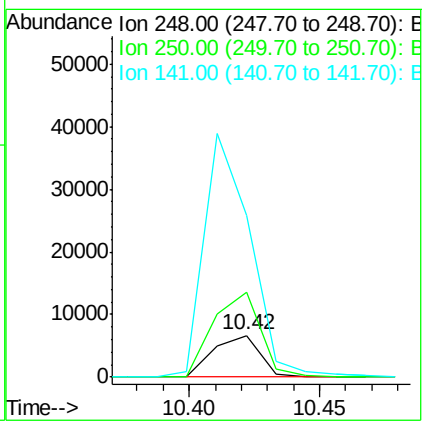


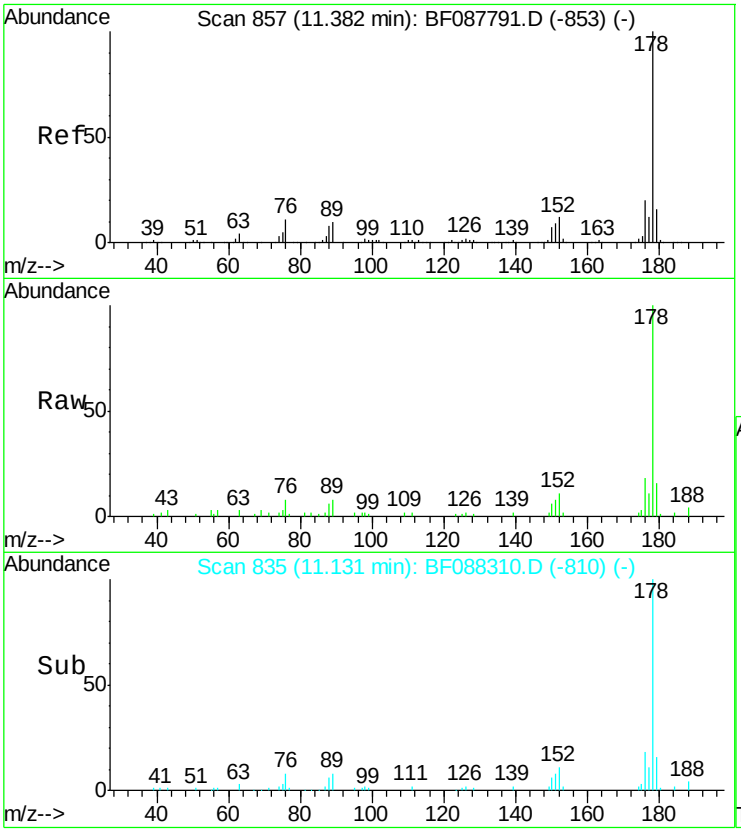


#66
4-Bromophenyl-phenylether
Concen: 3.29 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.24 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Tgt Ion:248 Resp: 8447

Ion	Ratio	Lower	Upper
248	100		
250	202.6	77.1	115.7#
141	384.2	50.6	76.0#



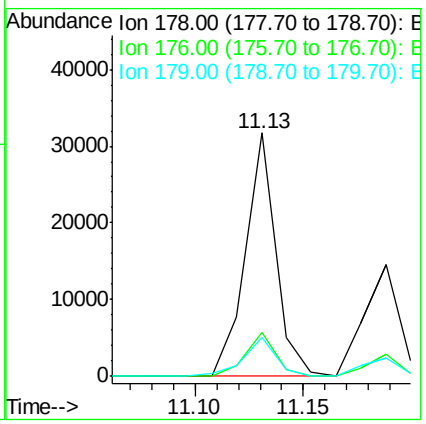


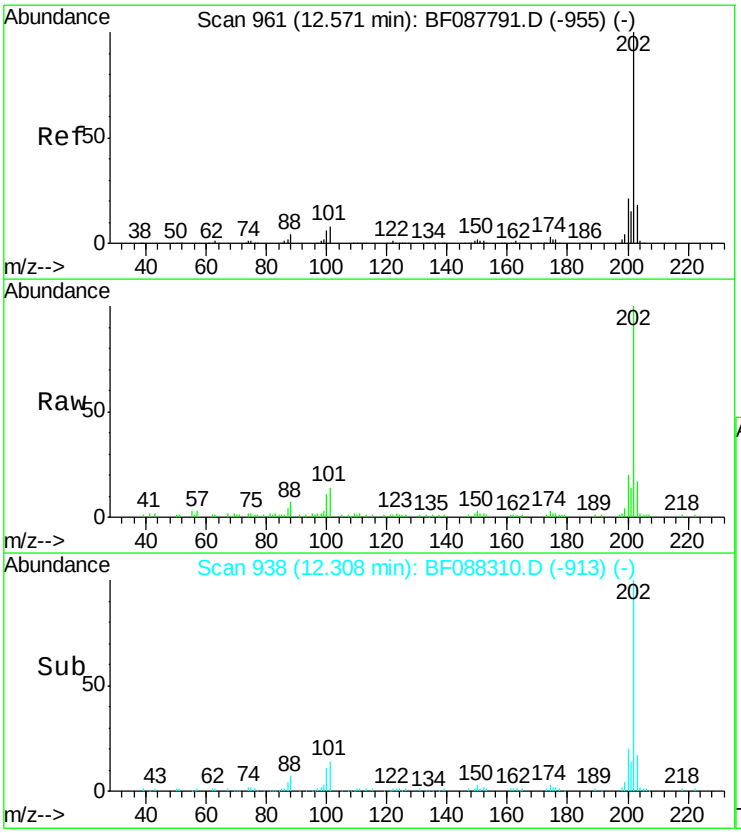
#70
Phenanthrene
Concen: 2.47 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Instrument :
BNA_F
ClientSampleId :
SB-3(0-6)

Tgt Ion:178 Resp: 30957

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.6
179	16.1	13.0	19.4

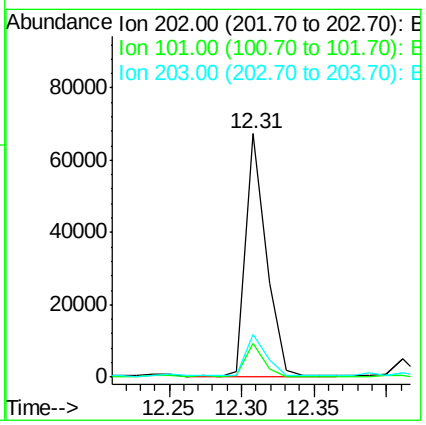


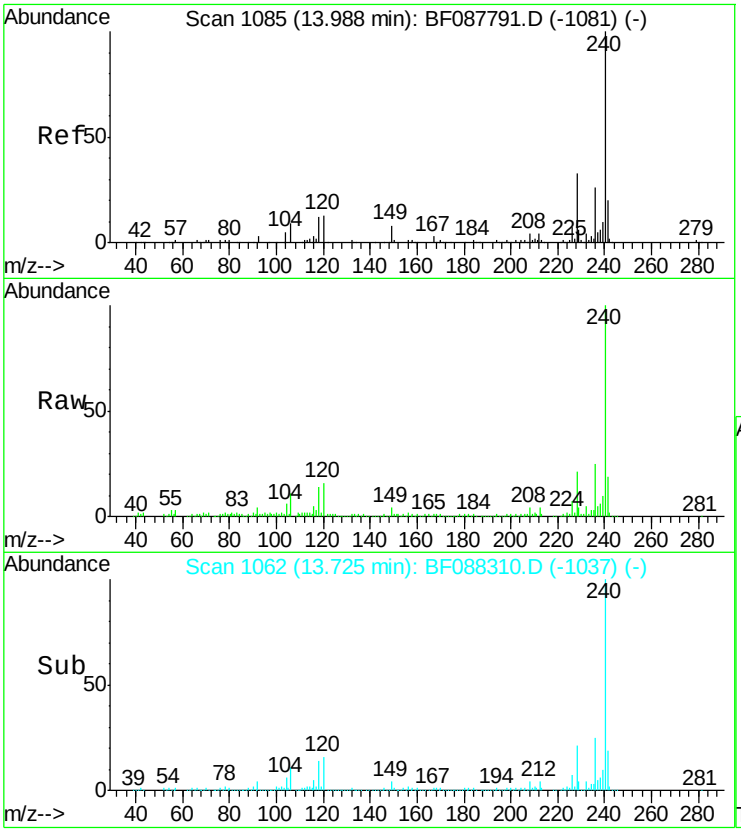


#74
Fluoranthene
Concen: 5.11 ng
RT: 12.31 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Tgt Ion:202 Resp: 67751

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	33.1
203	17.4	0.0	38.1



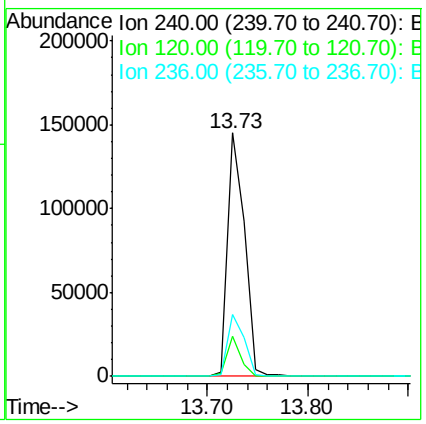


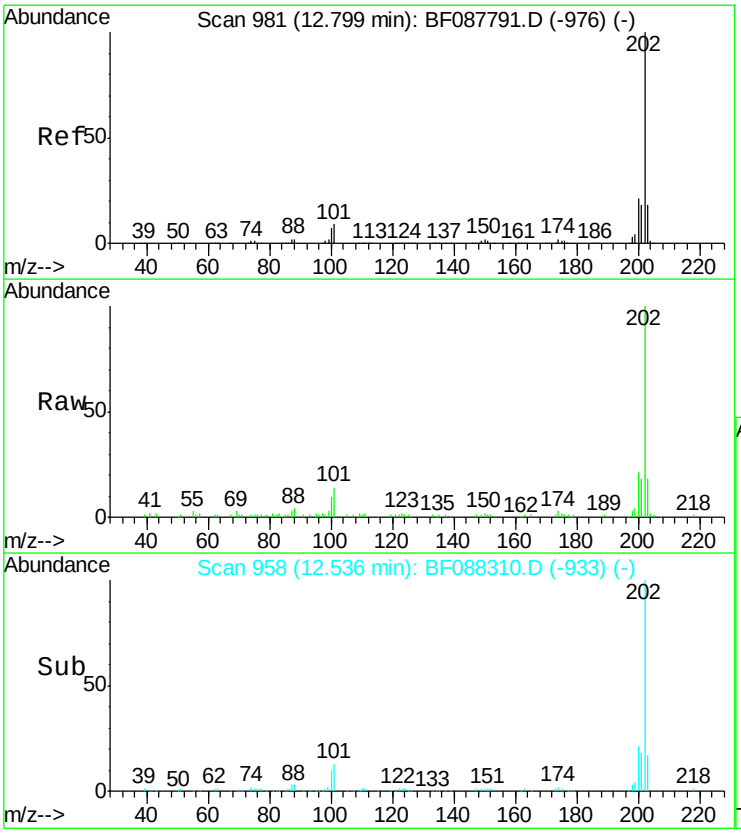
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Instrument :
BNA_F
ClientSampleId :
SB-3(0-6)

Tgt Ion:240 Resp: 169645

Ion	Ratio	Lower	Upper
240	100		
120	16.3	6.8	10.2#
236	25.2	20.2	30.2

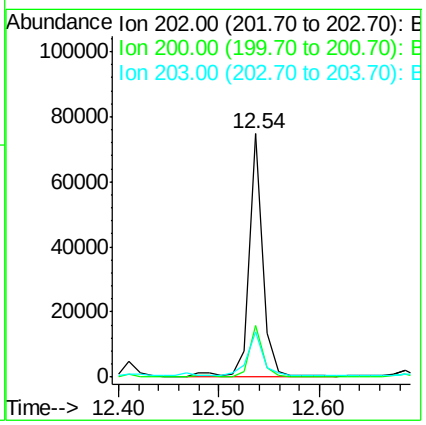


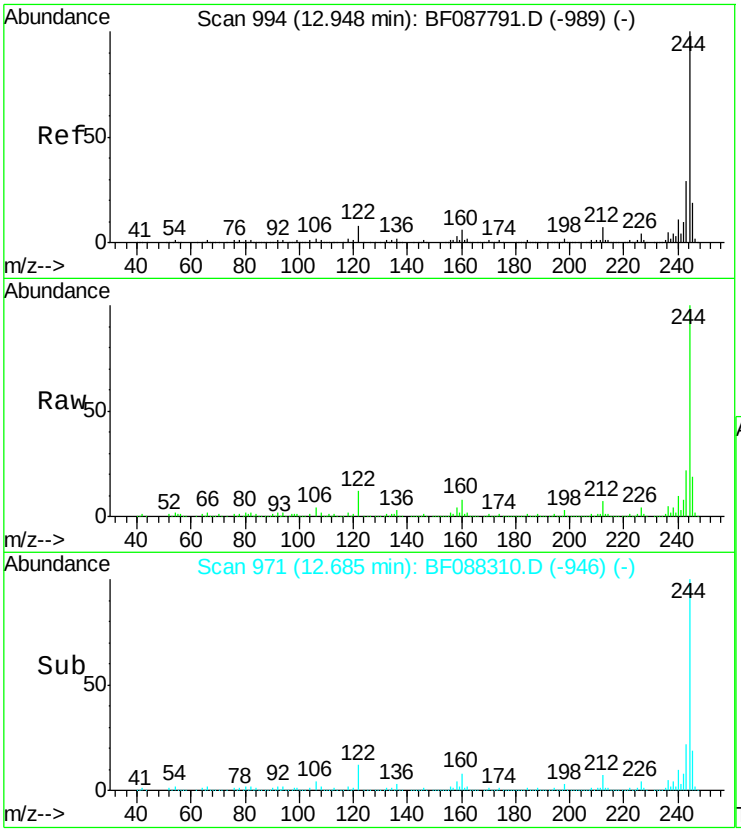


#77
Pyrene
Concen: 5.70 ng
RT: 12.54 min Scan# 958
Delta R.T. -0.01 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Tgt Ion:202 Resp: 71704

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	18.4	14.5	21.7



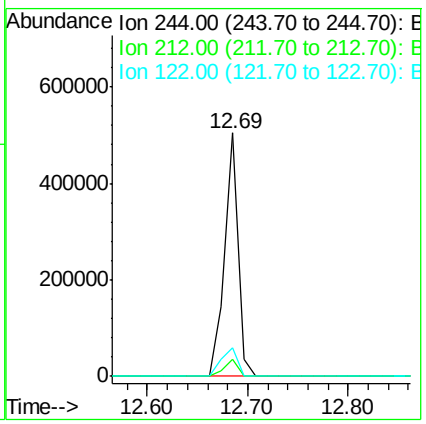


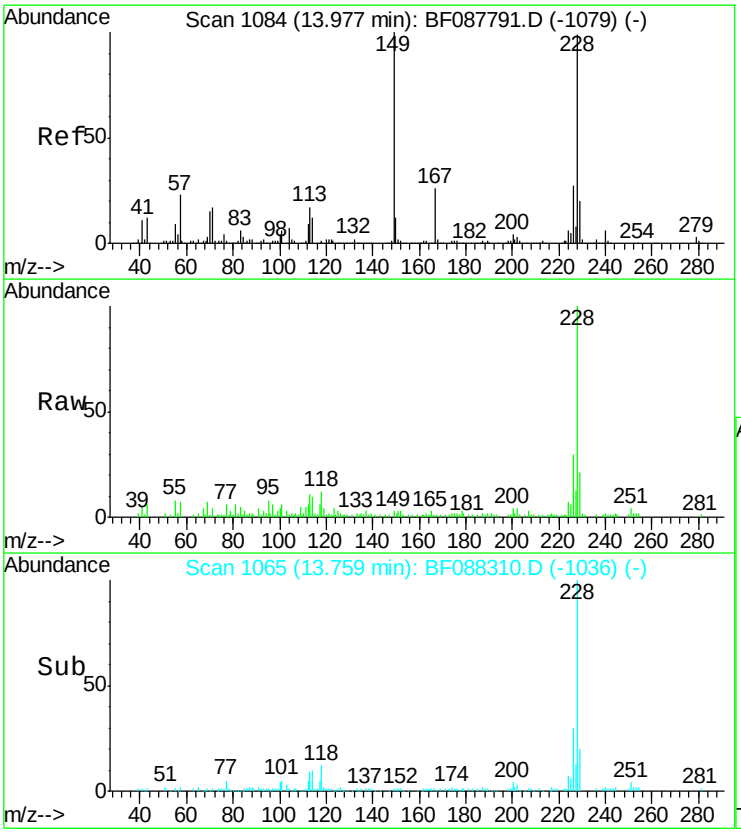
#78
Terphenyl-d14
Concen: 63.42 ng
RT: 12.69 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Instrument :
BNA_F
ClientSampleId :
SB-3(0-6)

Tgt Ion:244 Resp: 472826

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	11.7	11.2	16.8

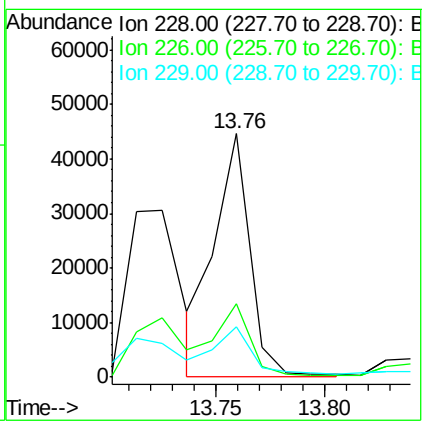


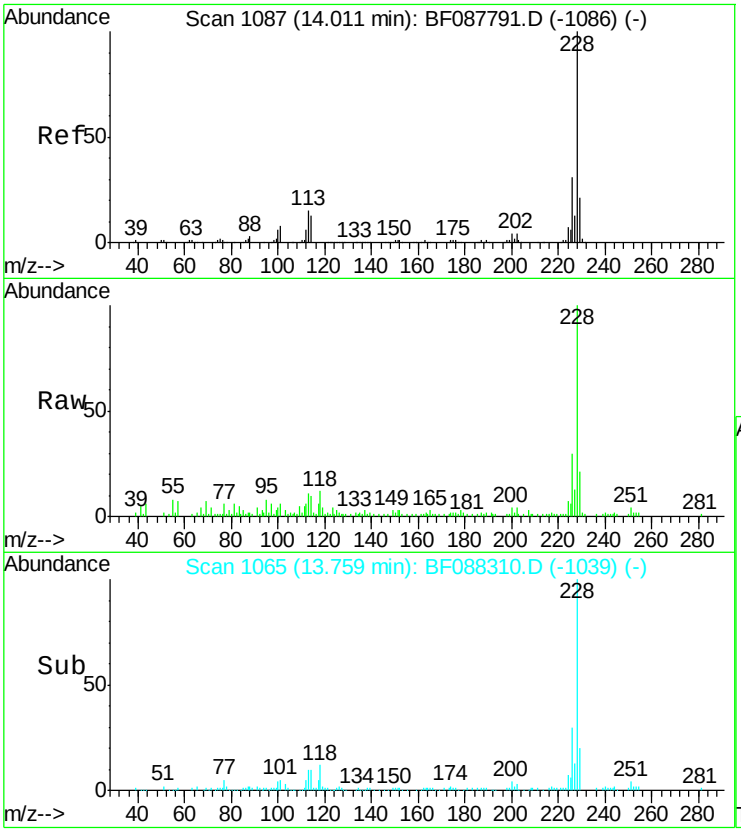


#80
Benzo(a)anthracene
Concen: 5.26 ng
RT: 13.76 min Scan# 1065
Delta R.T. 0.03 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Tgt Ion:228 Resp: 50837

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.3	33.5
229	20.9	16.0	24.0



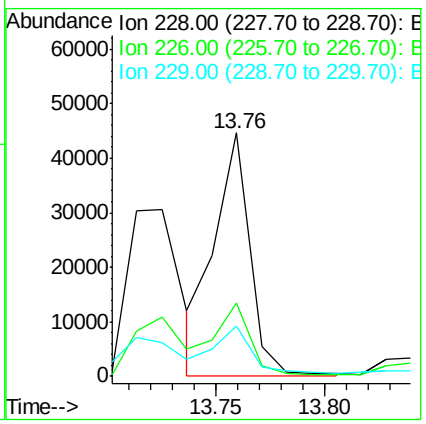


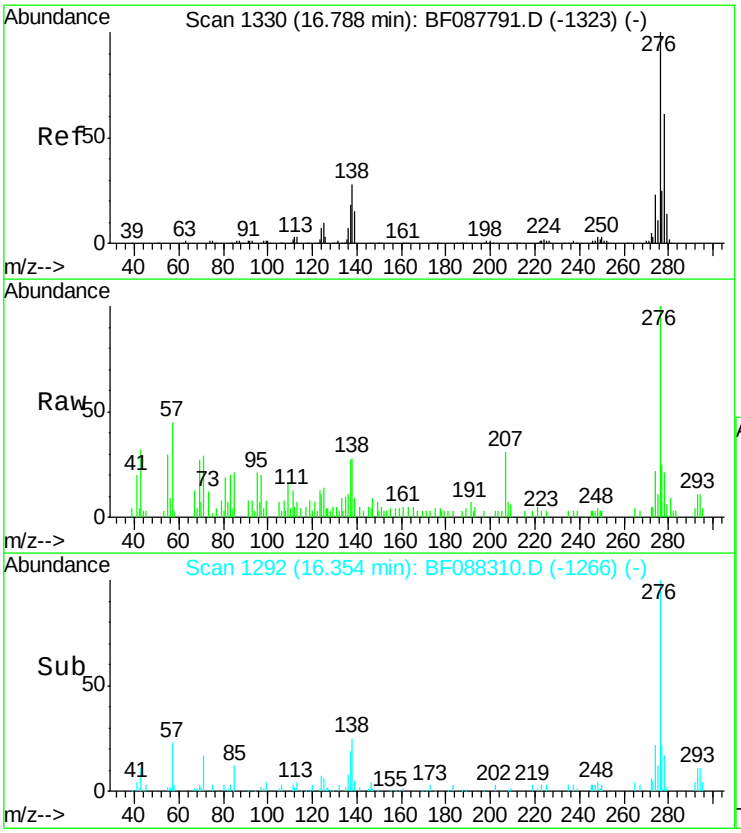
#82
Chrysene
Concen: 5.59 ng
RT: 13.76 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Instrument :
BNA_F
ClientSampleId :
SB-3(0-6)

Tgt Ion:228 Resp: 50837

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.4	38.2
229	20.9	16.3	24.5

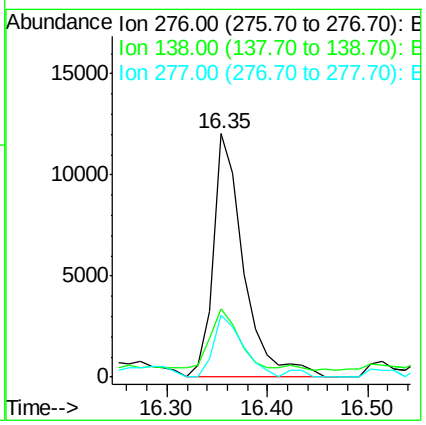


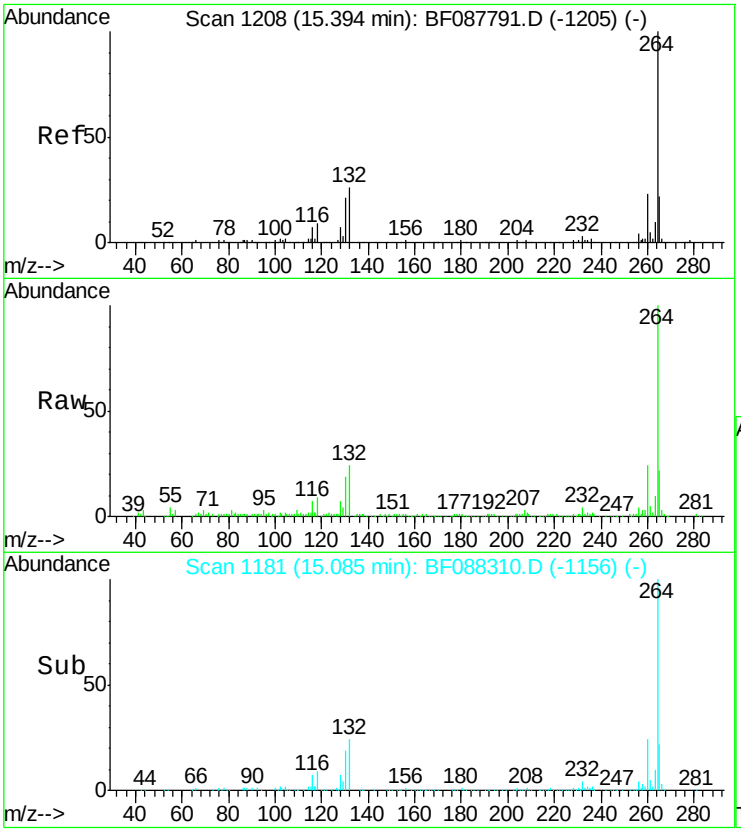


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.99 ng
RT: 16.35 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Tgt Ion:276 Resp: 25240

Ion	Ratio	Lower	Upper
276	100		
138	21.9	0.0	0.0#
277	24.5	0.0	0.0#



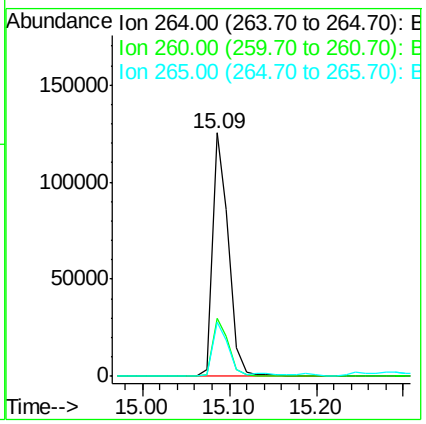


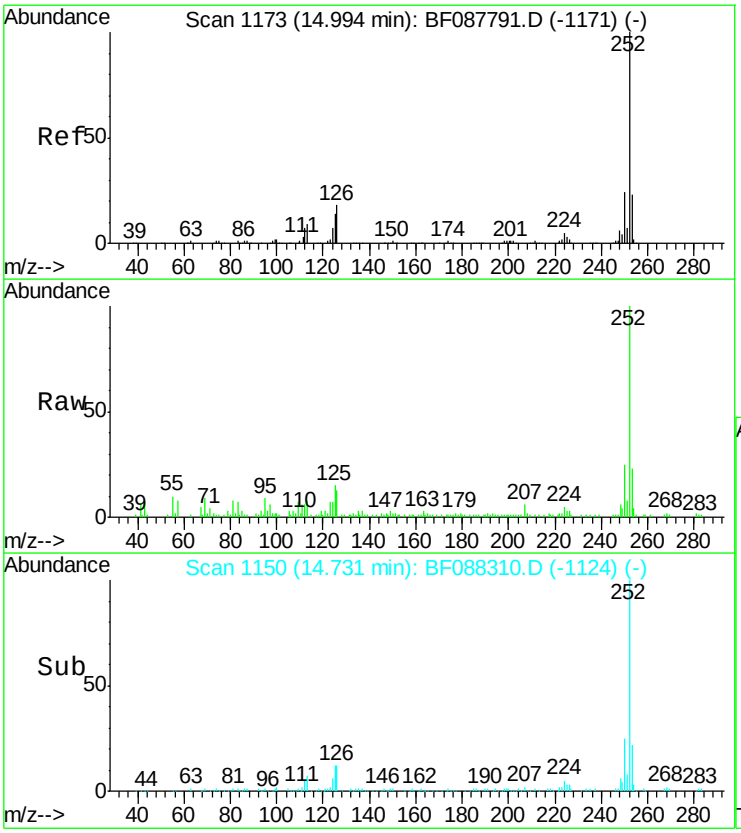
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Instrument :
BNA_F
ClientSampleId :
SB-3(0-6)

Tgt Ion:264 Resp: 162376

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.4	16.9	25.3

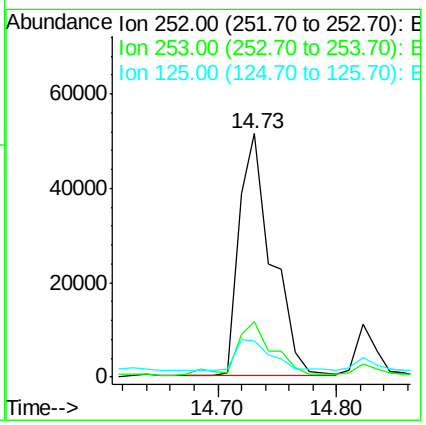


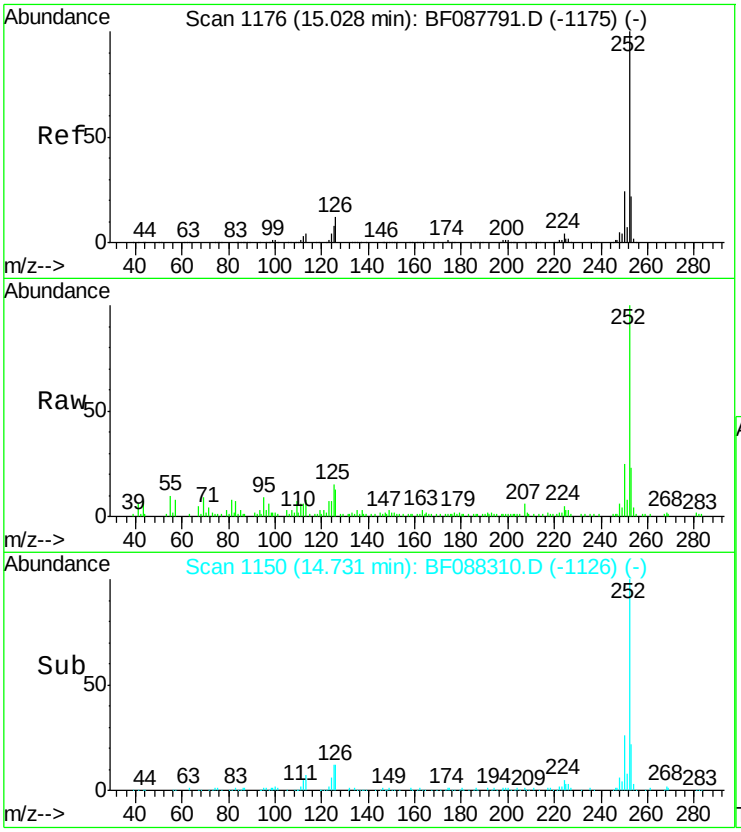


#87
Benzo(b)fluoranthene
Concen: 8.68 ng
RT: 14.73 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Tgt Ion:252 Resp: 98220

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	14.9	7.1	10.7#



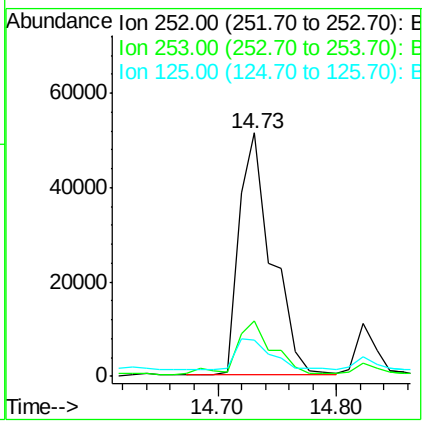


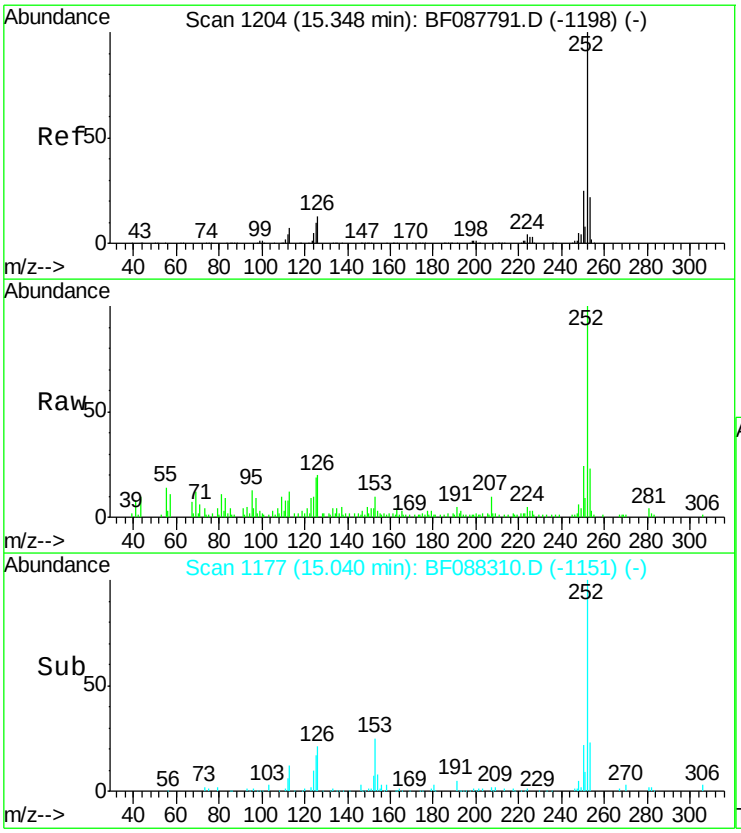
#88
Benzo(k)fluoranthene
Concen: 11.50 ng
RT: 14.73 min Scan# 1150
Delta R.T. -0.02 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Instrument :
BNA_F
ClientSampleId :
SB-3(0-6)

Tgt Ion:252 Resp: 98220

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	14.9	11.2	16.8

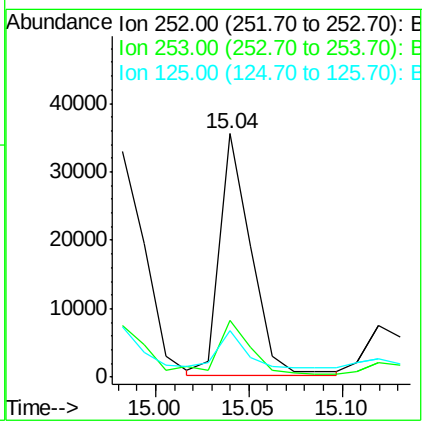


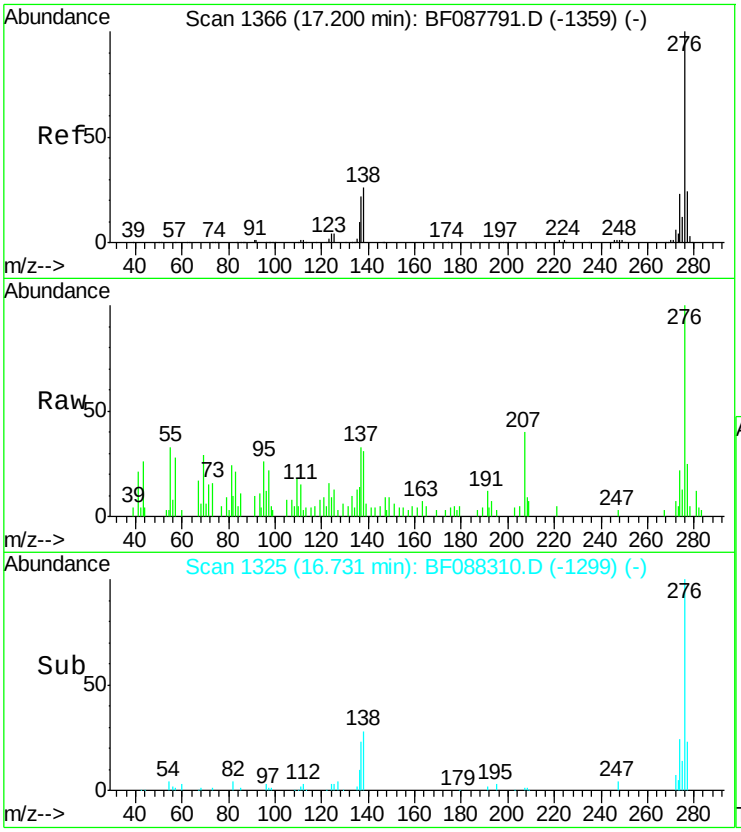


#89
Benzo(a)pyrene
Concen: 4.57 ng
RT: 15.04 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Tgt Ion:252 Resp: 41852

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	18.9	12.5	18.7#





#91
Benzo(g,h,i)perylene
Concen: 2.57 ng
RT: 16.73 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Instrument :
BNA_F
ClientSampleId :
SB-3(0-6)

Tgt Ion:276 Resp: 22495

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.9	28.3
138	30.8	21.4	32.2