Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089248.D
Acq On : 23 Jul 2016 22:57
Operator : UM/SJ
Sample : H4129-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KMW-04-0.2-2.0

Quant Time: Jul 25 01:12:30 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	49787	20.00	ng		-0.02
21) Naphthalene-d8	7.86	136	206448	20.00	ng		-0.02
38) Acenaphthene-d10	9.61	164	95681	20.00	ng		-0.02
63) Phenanthrene-d10	11.08	188	149470	20.00	ng		-0.02
75) Chrysene-d12	13.71	240	94843	20.00	ng		-0.01
86) Perylene-d12	15.06	264	101721	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	332930	101.70	ng		-0.03
7) Phenol-d6	6.24	99	473048	112.06	ng		-0.03
23) Nitrobenzene-d5	7.15	82	302011	77.73	ng		-0.02
41) 2,4,6-Tribromophenol	10.40	330	76498	88.80	ng		-0.02
44) 2-Fluorobiphenyl	8.95	172	513651	73.97	ng		-0.02
78) Terphenyl-d14	12.66	244	273398	62.52	ng		-0.02
Target Compounds							Qvalue
22) Acetophenone	6.98	105	18587	3.37	ng	#	57
31) Naphthalene	7.88	128	118303	10.62	ng		100
35) Caprolactam	8.31	113	6503	7.22	ng	#	62
37) 2-Methylnaphthalene	8.58	142	97638	13.74	ng		100
48) Acenaphthylene	9.47	152	50986	4.95	ng	#	95
49) Dimethylphthalate	9.35	163	137861	18.78	ng		100
53) 2,4-Dinitrophenol	9.90	184	892	9.48	ng	#	83
54) Dibenzofuran	9.82	168	29680	3.61	ng	#	89
55) 4-Nitrophenol	9.72	139	2898	2.43	ng	#	37
66) 4-Bromophenyl-phenylether	10.40	248	5437	3.68	ng	#	1
70) Phenanthrene	11.11	178	122208	14.90	ng		99
71) Anthracene	11.16	178	66251	7.77	ng		96
74) Fluoranthene	12.29	202	342767	39.77	ng		99
77) Pyrene	12.51	202	335560	42.84	ng		98
80) Benzo(a)anthracene	13.70	228	300275	49.71	ng		93
82) Chrysene	13.70	228	300275	52.04	ng		95
85) Indeno(1,2,3-cd)pyrene	16.29	276	176818	42.19	ng		95
87) Benzo(b)fluoranthene	14.71	252	450431	61.14	ng		97
88) Benzo(k)fluoranthene	14.71	252	449861	85.39	ng	#	93
89) Benzo(a)pyrene	15.01	252	267723	46.81	ng		96
90) Dibenzo(a,h)anthracene	16.29	278	52262	11.57	ng	#	73
91) Benzo(g,h,i)perylene	16.65	276	162476	35.68	ng		96

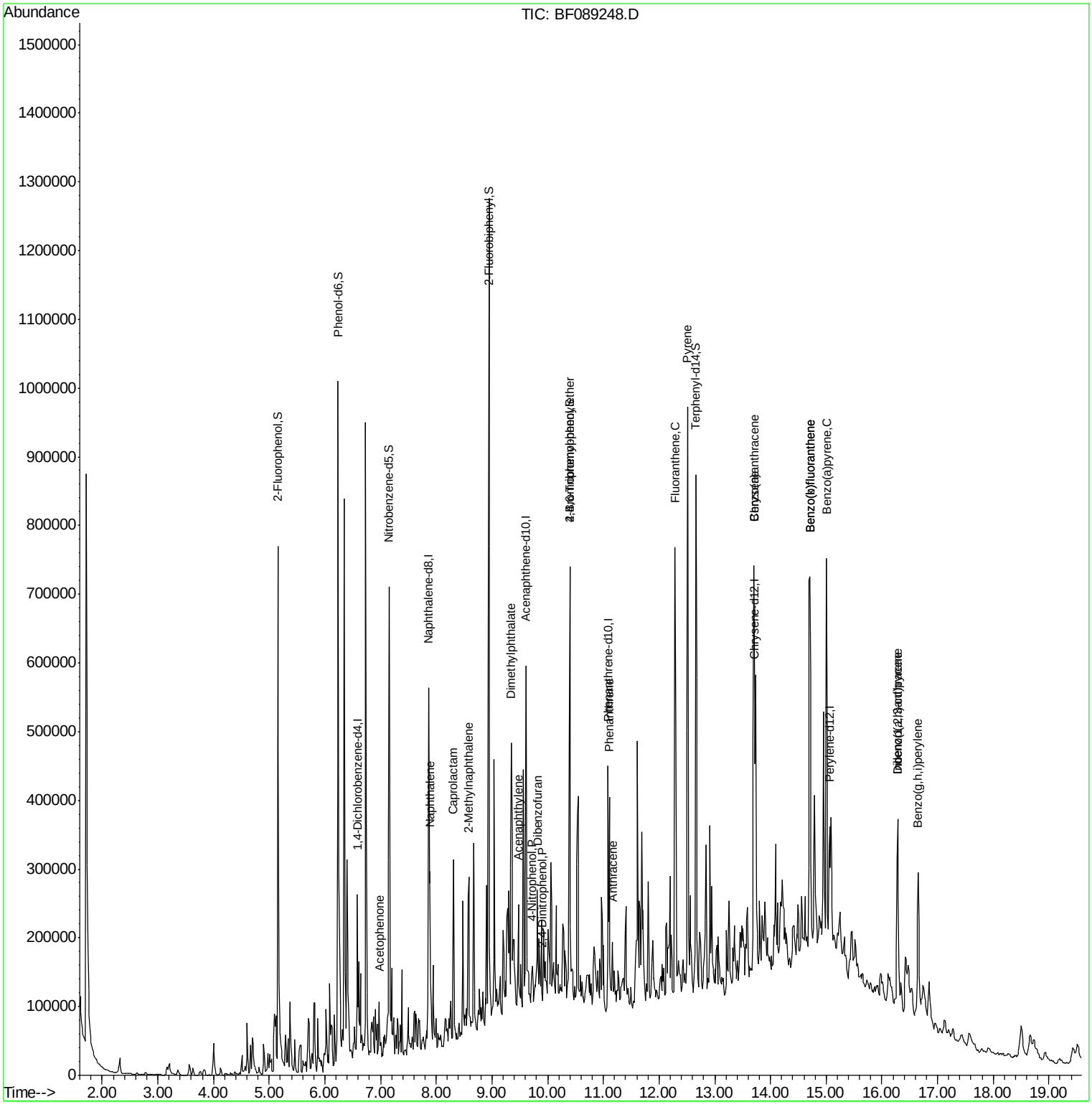
(#) = qualifier out of range (m) = manual integration (+) = signals summed

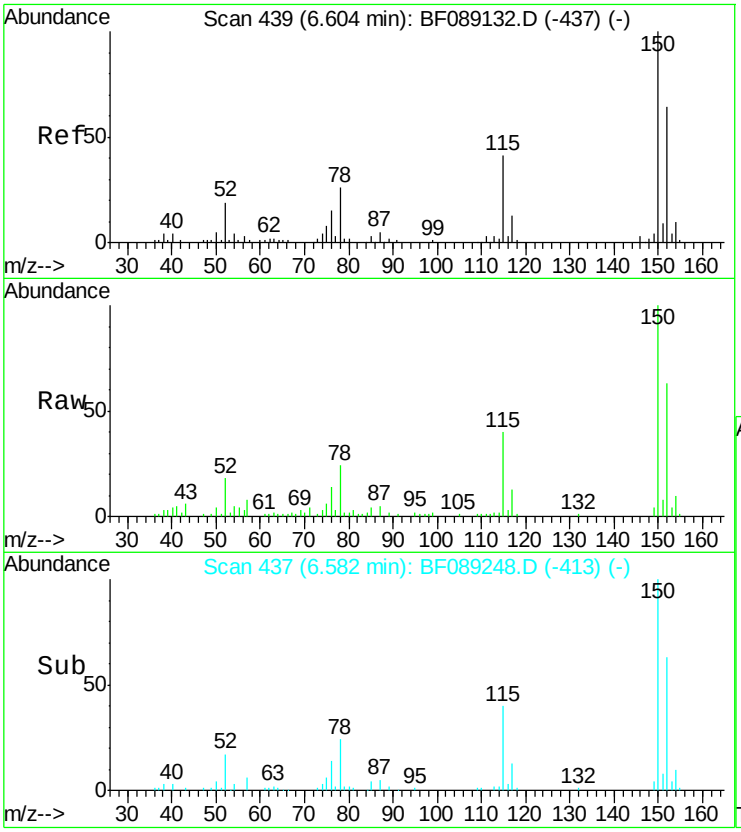
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089248.D
Acq On : 23 Jul 2016 22:57
Operator : UM/SJ
Sample : H4129-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KMW-04-0.2-2.0

Quant Time: Jul 25 01:12:30 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration



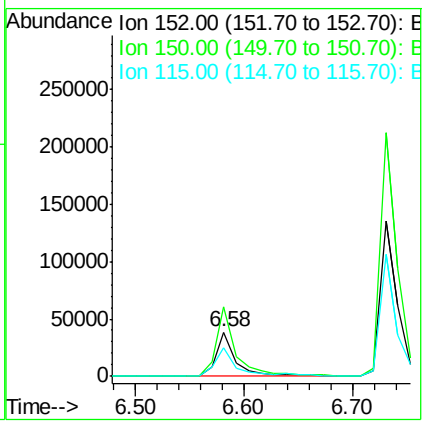


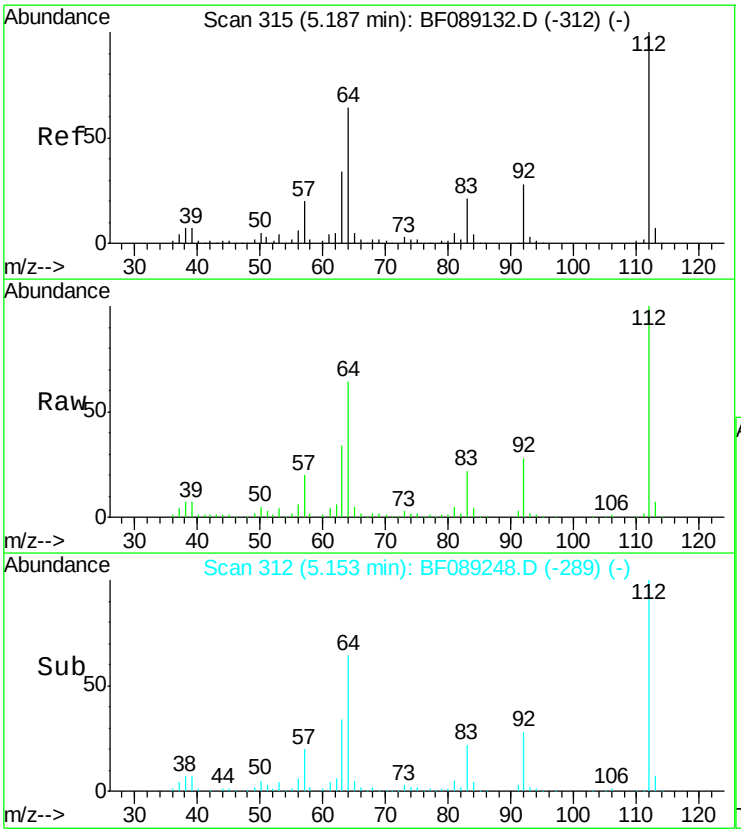
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Instrument :
BNA_F
ClientSampleId :
KMW-04-0.2-2.0

Tgt Ion:152 Resp: 49787

Ion	Ratio	Lower	Upper
152	100		
150	158.9	125.1	187.7
115	64.0	51.1	76.7

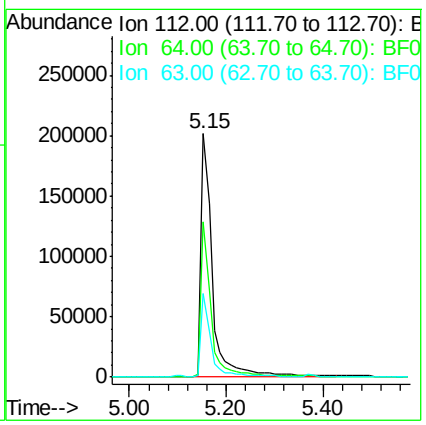


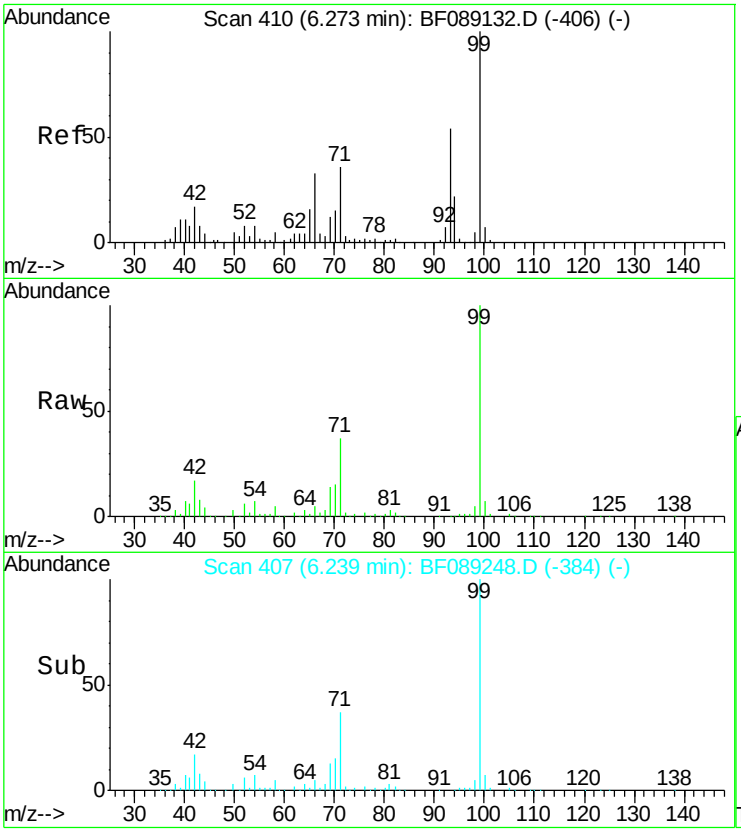


#5
2-Fluorophenol
Concen: 101.70 ng
RT: 5.15 min Scan# 312
Delta R.T. -0.03 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Tgt Ion:112 Resp: 332930

Ion	Ratio	Lower	Upper
112	100		
64	63.6	51.0	76.4
63	34.3	27.3	40.9



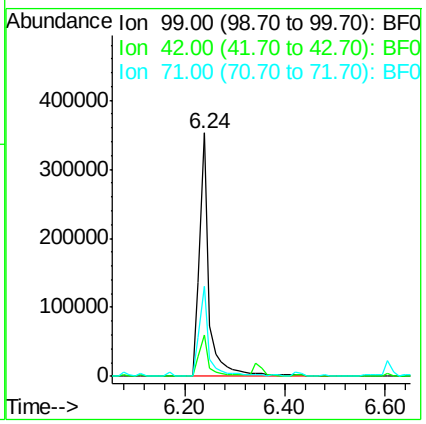


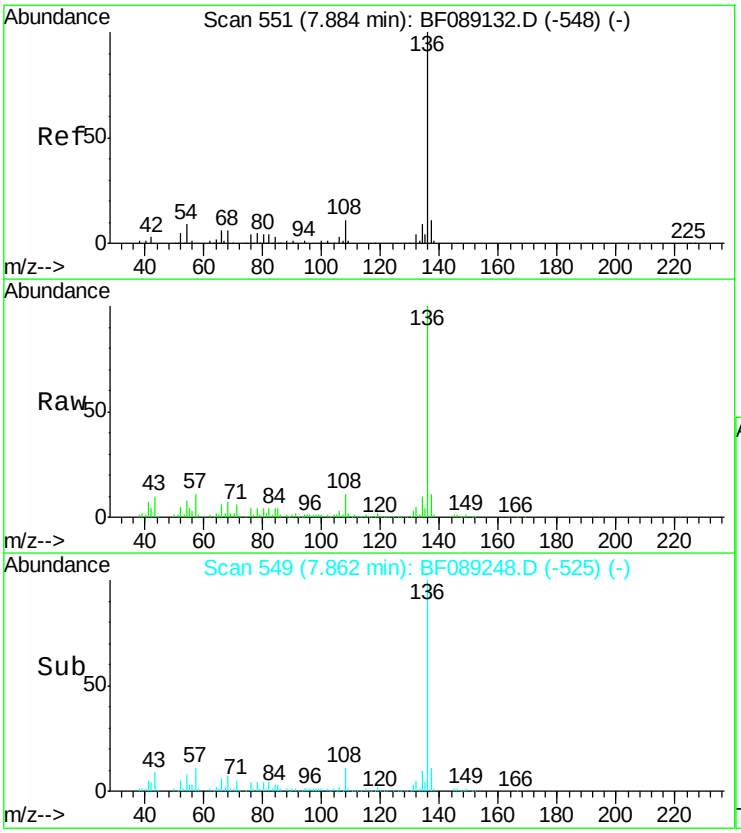
#7
Phenol-d6
Concen: 112.06 ng
RT: 6.24 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Instrument :
BNA_F
ClientSampleId :
KMW-04-0.2-2.0

Tgt Ion: 99 Resp: 473048

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.5	20.3
71	36.9	28.9	43.3

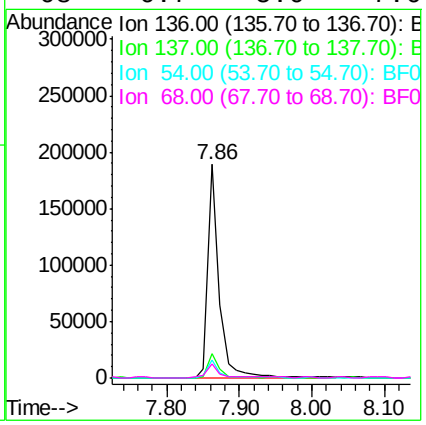


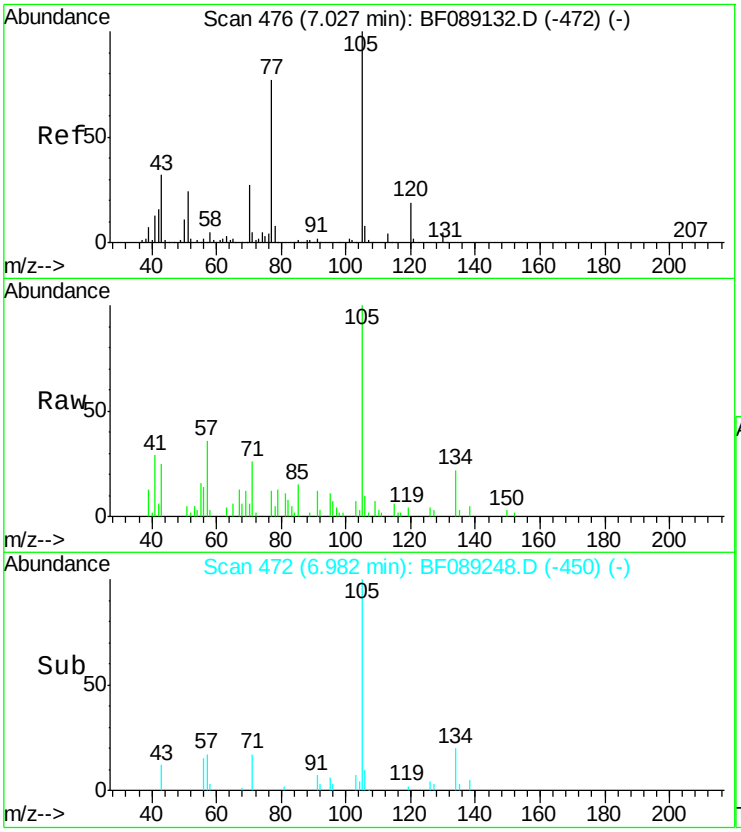


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Tgt Ion:136 Resp: 206448

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.4	7.0	10.4
68	6.7	5.0	7.6



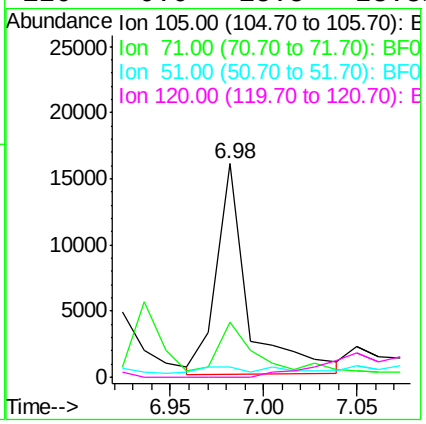


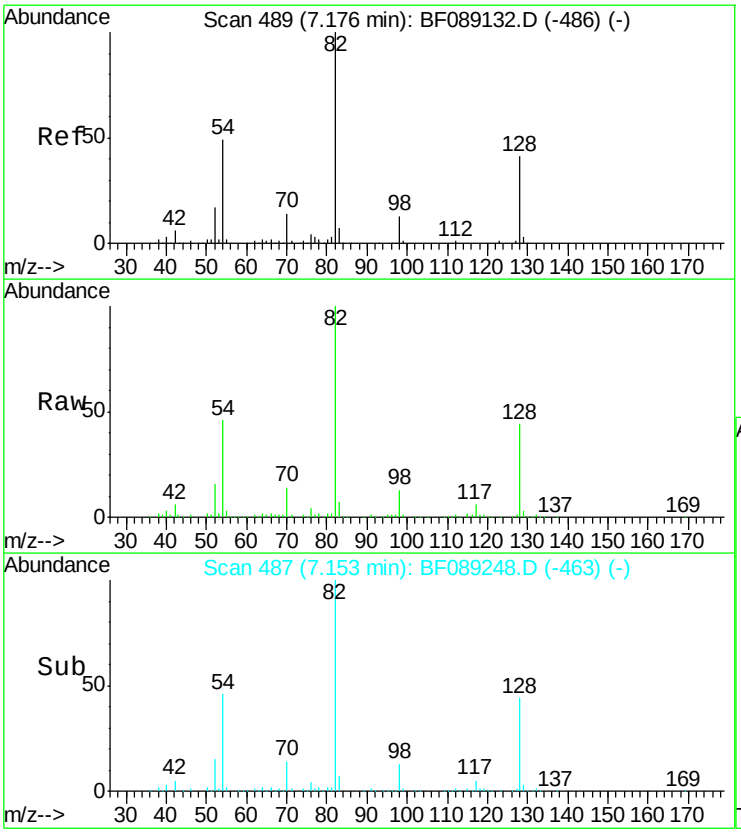
#22
Acetophenone
Concen: 3.37 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.05 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Instrument :
BNA_F
ClientSampleId :
KMW-04-0.2-2.0

Tgt Ion:105 Resp: 18587

Ion	Ratio	Lower	Upper
105	100		
71	25.6	3.8	5.6#
51	4.7	19.6	29.4#
120	0.0	15.5	23.3#

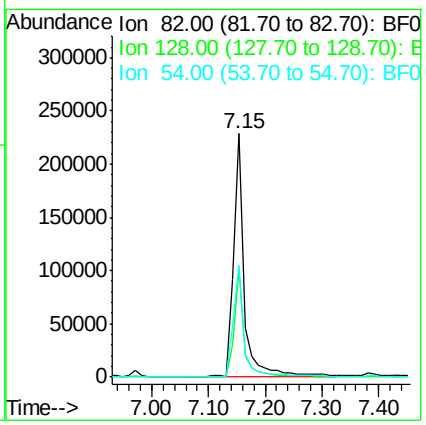


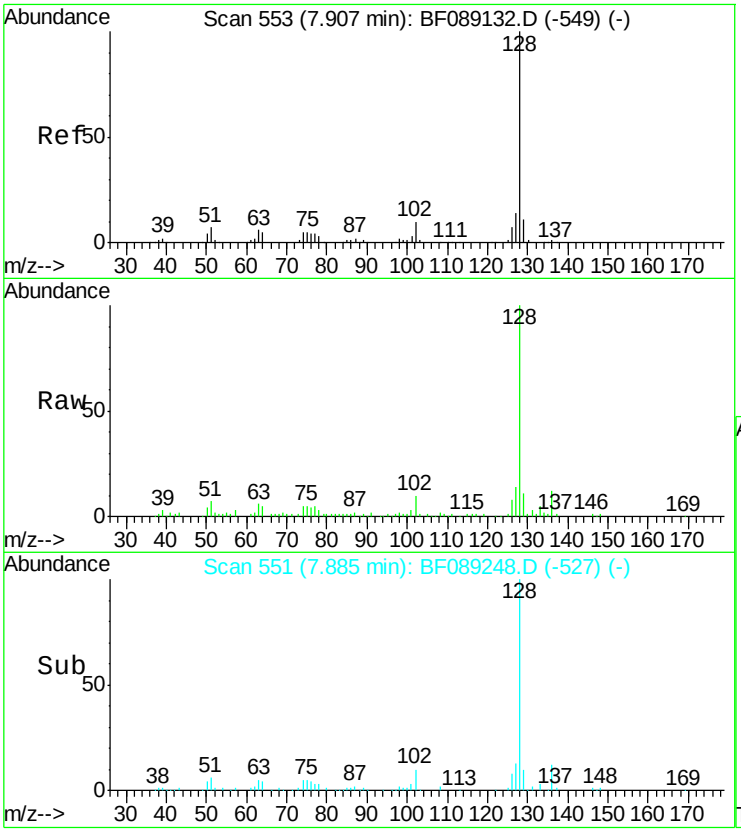


#23
Nitrobenzene-d5
Concen: 77.73 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Tgt Ion: 82 Resp: 302011

Ion	Ratio	Lower	Upper
82	100		
128	44.1	33.0	49.6
54	45.7	39.0	58.4



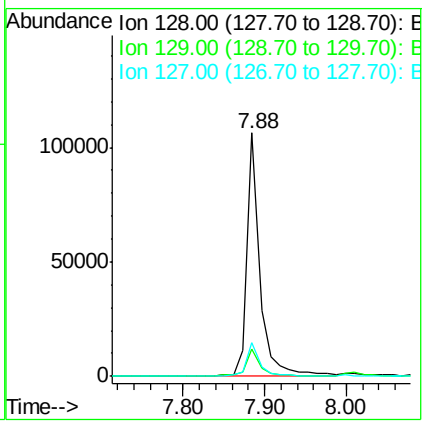


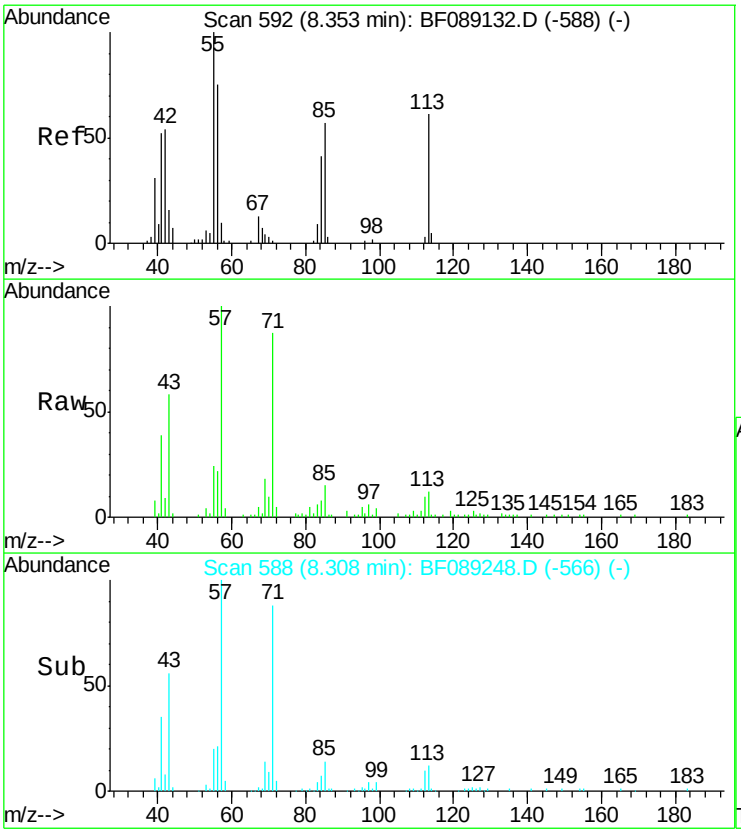
#31
Naphthalene
Concen: 10.62 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Instrument :
BNA_F
ClientSampleId :
KMW-04-0.2-2.0

Tgt Ion:128 Resp: 118303

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.6	10.8	16.2

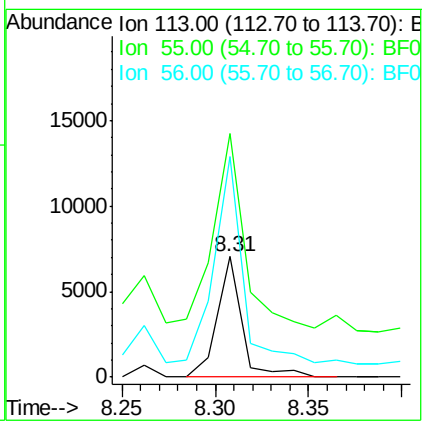


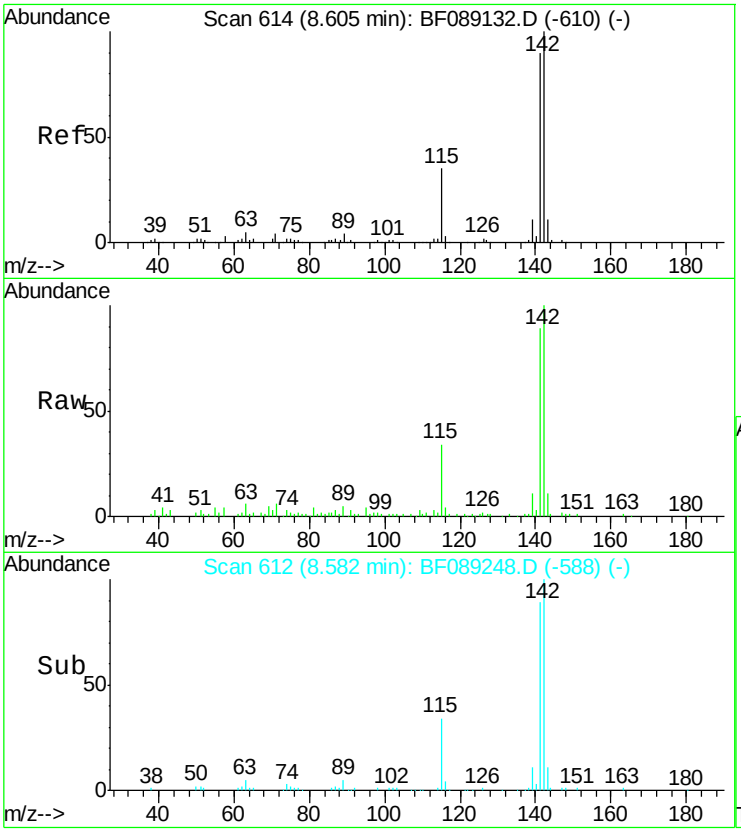


#35
Caprolactam
Concen: 7.22 ng
RT: 8.31 min Scan# 588
Delta R.T. -0.05 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Tgt Ion:113 Resp: 6503

Ion	Ratio	Lower	Upper
113	100		
55	202.6	145.3	185.3#
56	183.9	104.3	144.3#



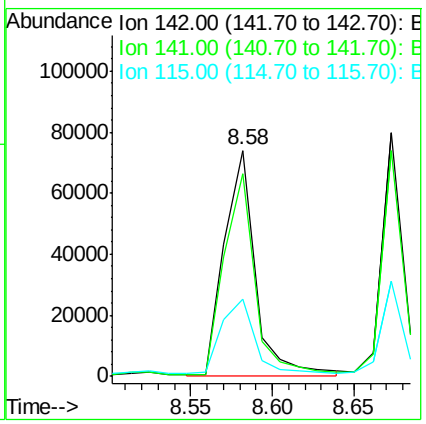


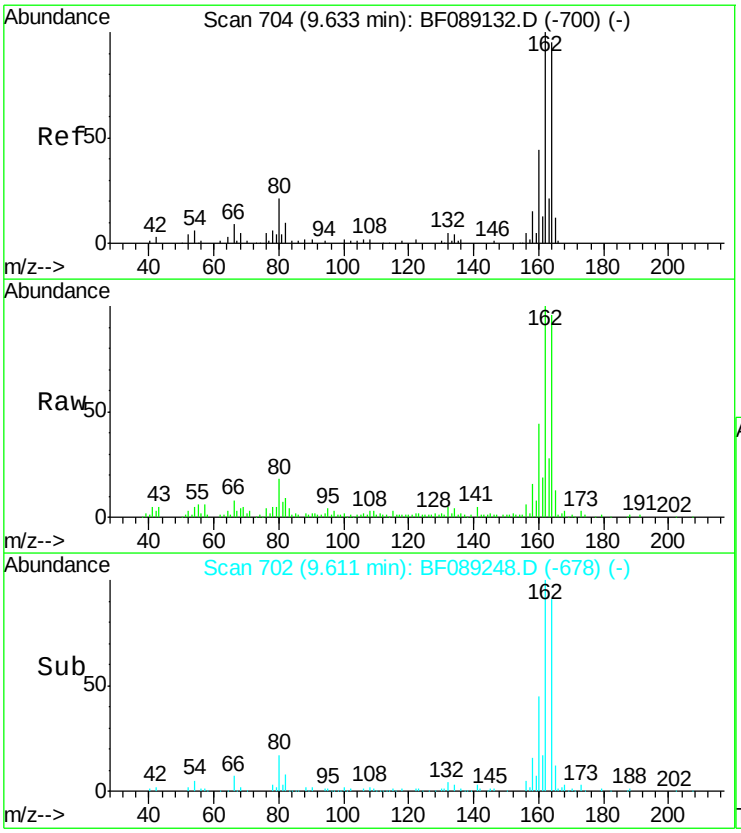
#37
2-Methylnaphthalene
Concen: 13.74 ng
RT: 8.58 min Scan# 612
Delta R.T. -0.02 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Instrument :
BNA_F
ClientSampleId :
KMW-04-0.2-2.0

Tgt Ion:142 Resp: 97638

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.6	107.4
115	34.3	27.6	41.4

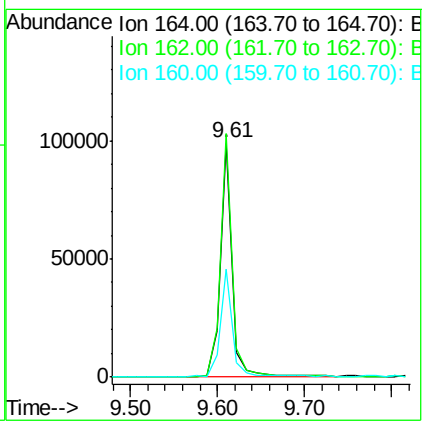


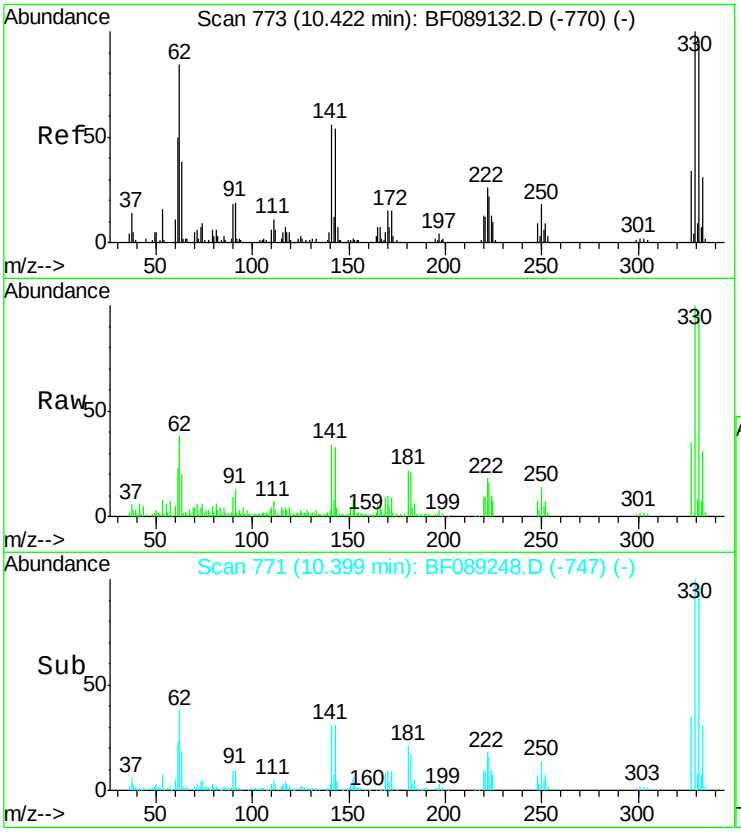


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Tgt Ion:164 Resp: 95681

Ion	Ratio	Lower	Upper
164	100		
162	104.2	84.1	126.1
160	46.2	37.1	55.7



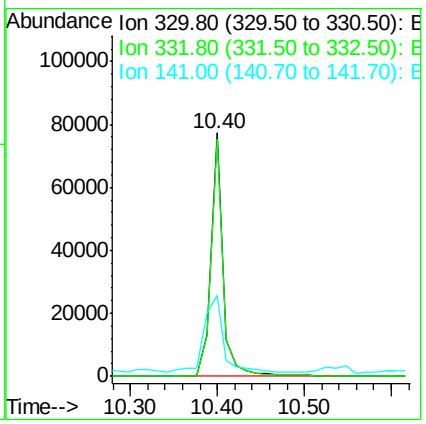


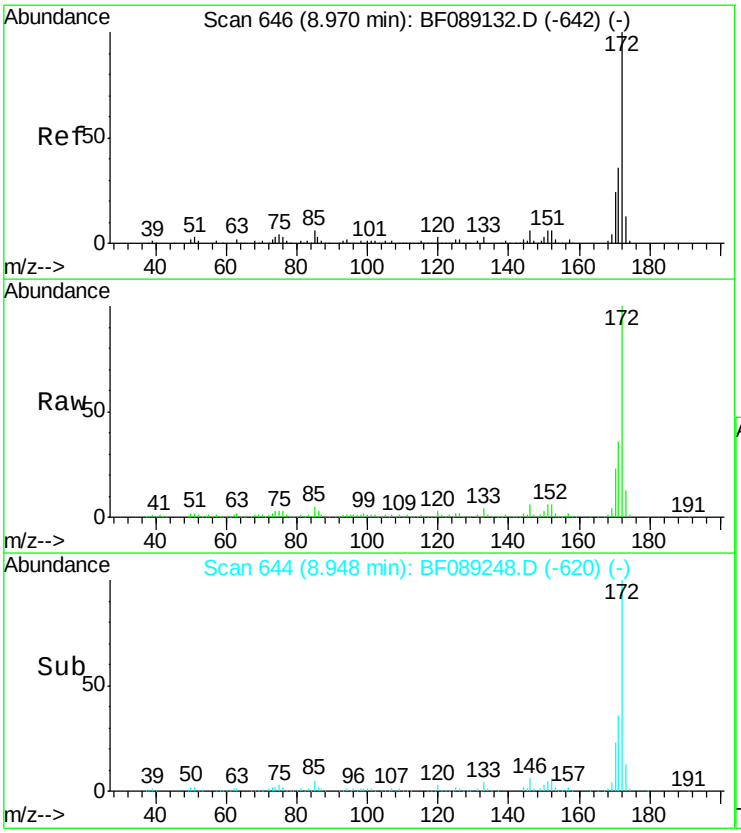
#41
2,4,6-Tribromophenol
Concen: 88.80 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Instrument :
BNA_F
ClientSampleId :
KMW-04-0.2-2.0

Tgt Ion:330 Resp: 76498

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.2	115.8
141	51.2	42.2	63.2

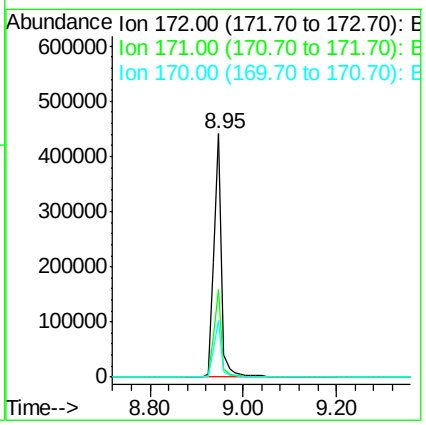


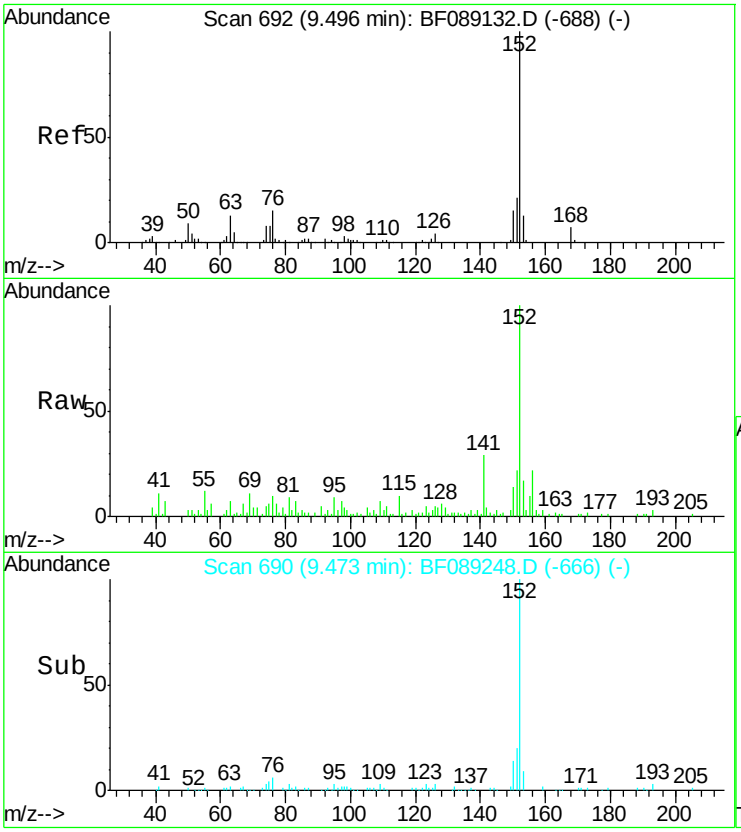


#44
2-Fluorobiphenyl
Concen: 73.97 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Tgt Ion:172 Resp: 513651

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.2	43.8
170	23.3	19.1	28.7



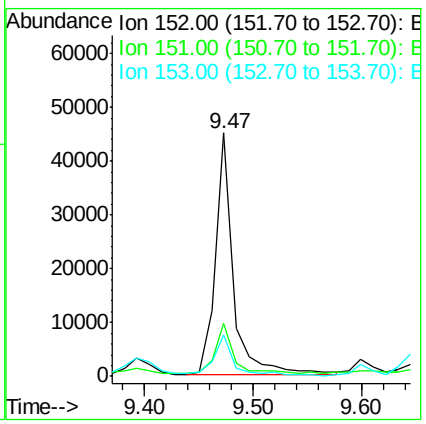


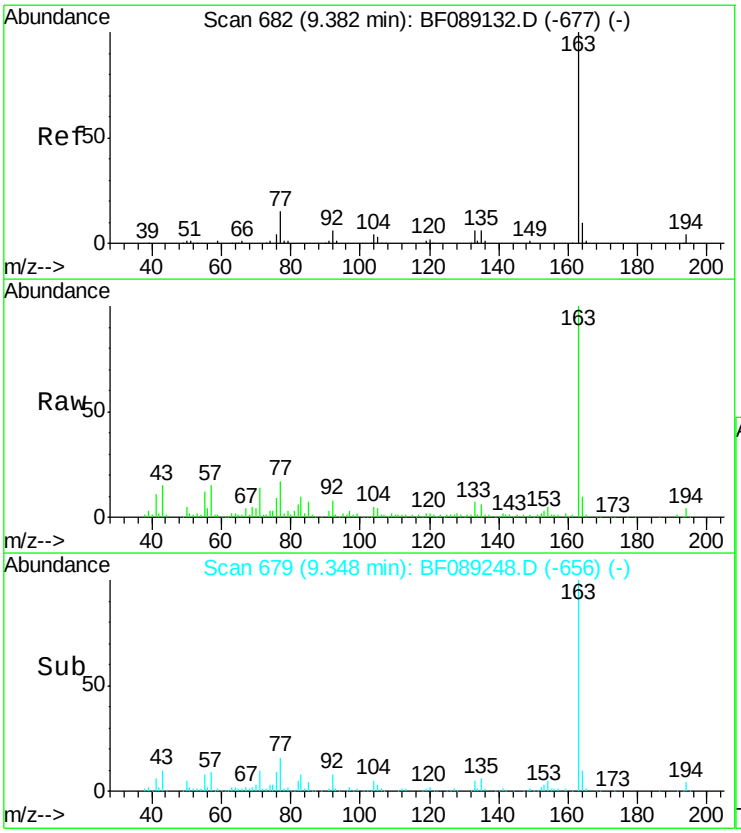
#48
Acenaphthylene
Concen: 4.95 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Instrument :
BNA_F
ClientSampleId :
KMW-04-0.2-2.0

Tgt Ion:152 Resp: 50986

Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.5	24.7
153	17.0	10.7	16.1#

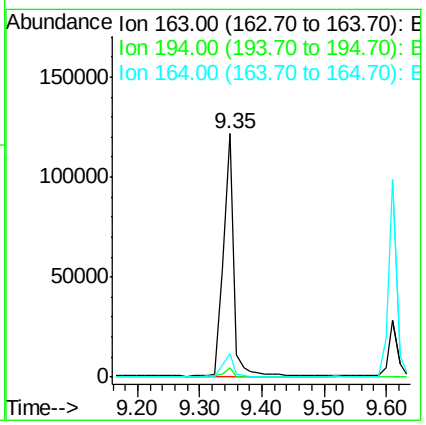


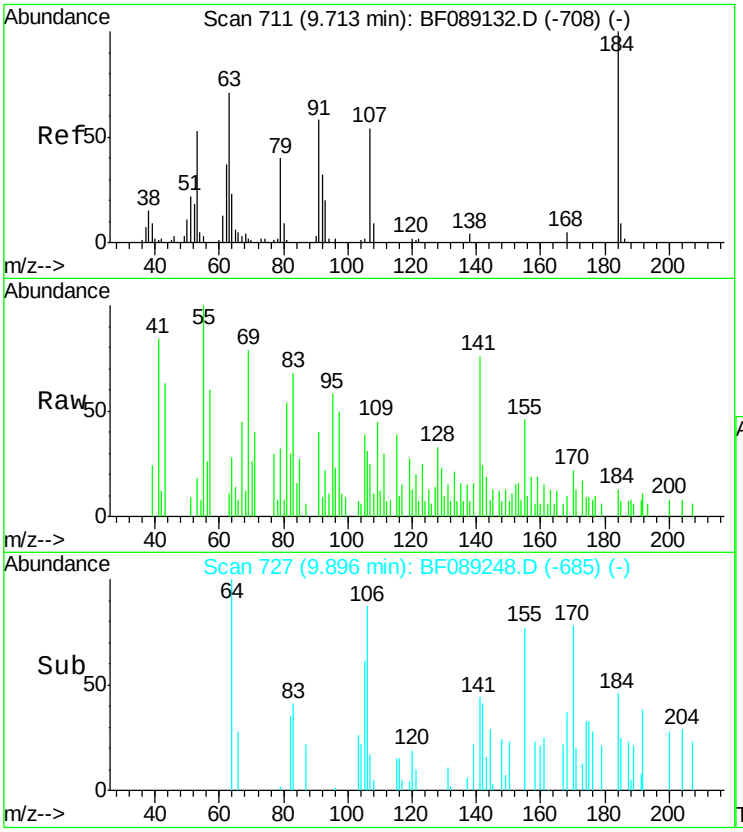


#49
Dimethylphthalate
Concen: 18.78 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Tgt Ion:163 Resp: 137861

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	9.7	7.6	11.4



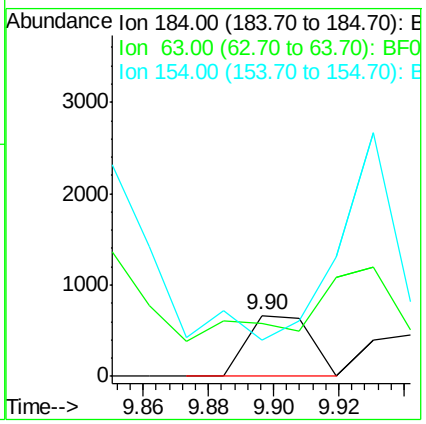


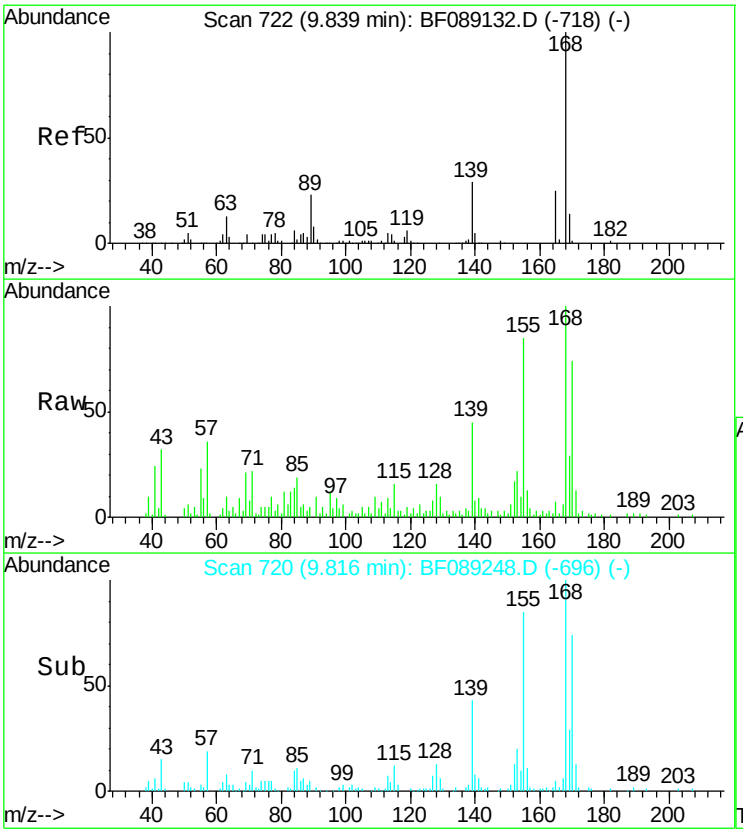
#53
2,4-Dinitrophenol
Concen: 9.48 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.18 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Instrument :
BNA_F
ClientSampleId :
KMW-04-0.2-2.0

Tgt Ion:184 Resp: 892

Ion	Ratio	Lower	Upper
184	100		
63	87.6	60.3	90.5
154	58.5	60.7	91.1#

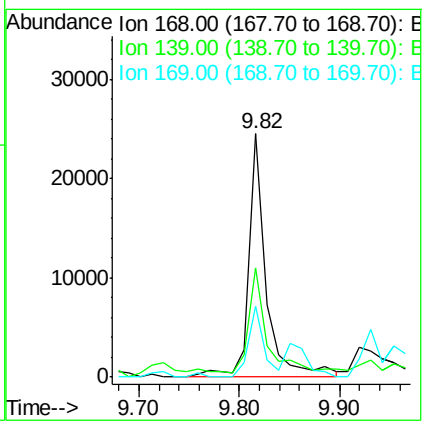


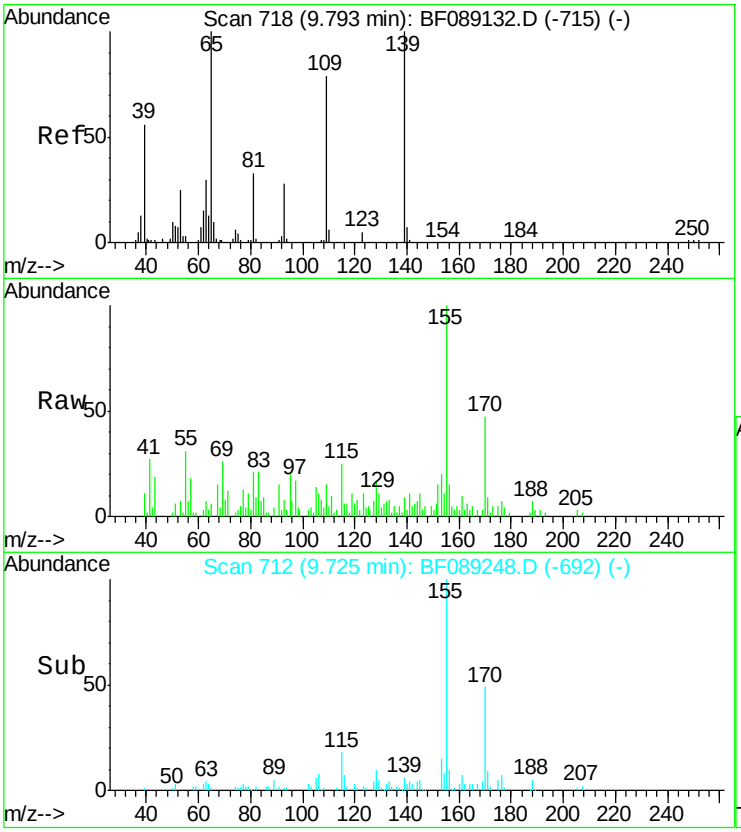


#54
Dibenzofuran
Concen: 3.61 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Tgt Ion:168 Resp: 29680

Ion	Ratio	Lower	Upper
168	100		
139	44.6	34.4	51.6
169	29.1	10.8	16.2#



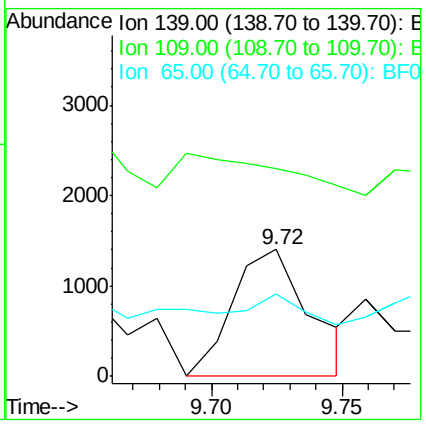


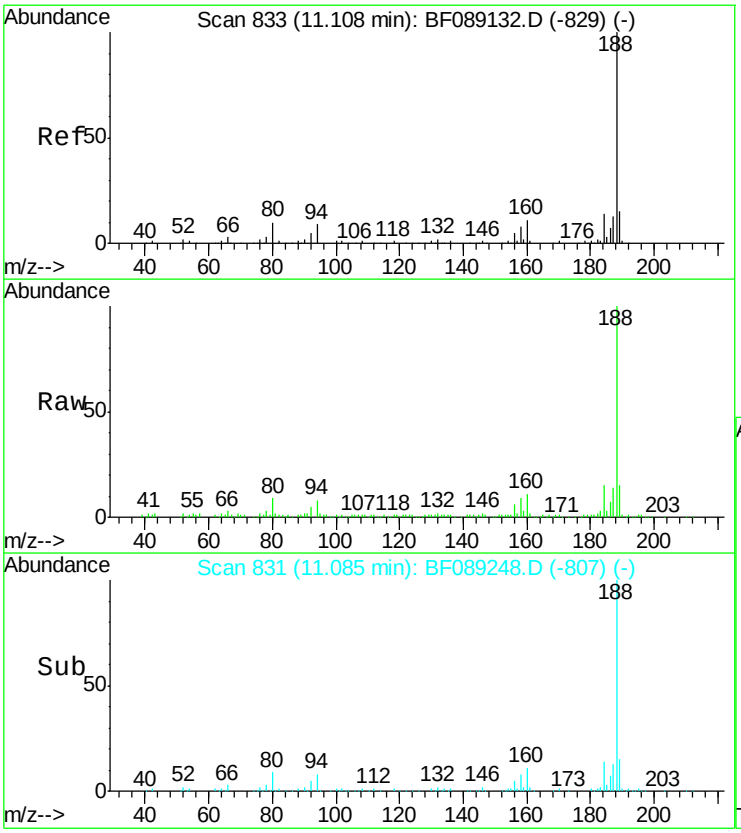
#55
4-Nitrophenol
Concen: 2.43 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.07 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Instrument :
BNA_F
ClientSampleId :
KMW-04-0.2-2.0

Tgt Ion:139 Resp: 2898

Ion	Ratio	Lower	Upper
139	100		
109	164.0	58.7	98.7#
65	64.9	80.2	120.2#

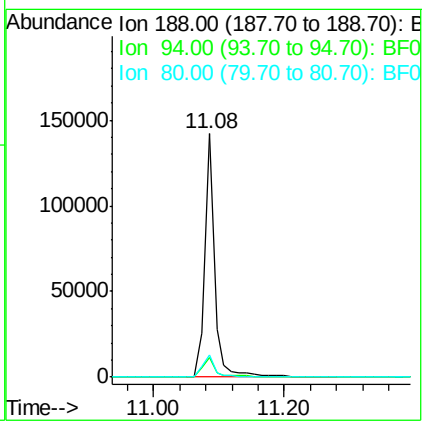


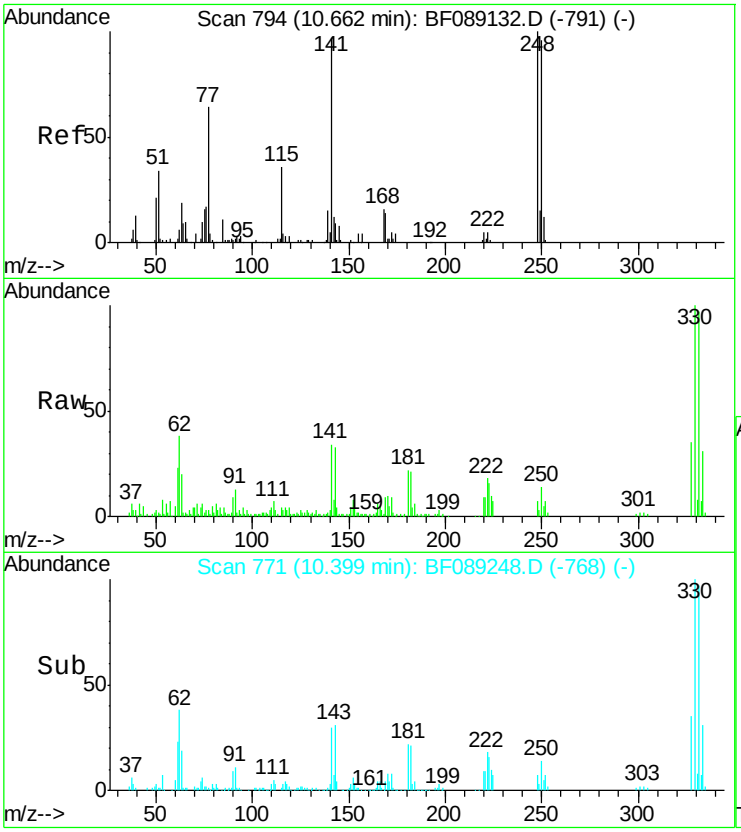


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Tgt Ion:188 Resp: 149470

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.0	10.4
80	9.1	7.7	11.5



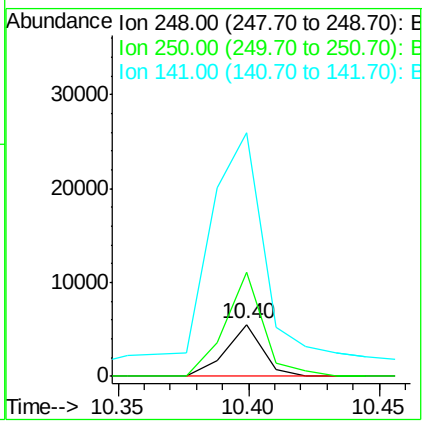


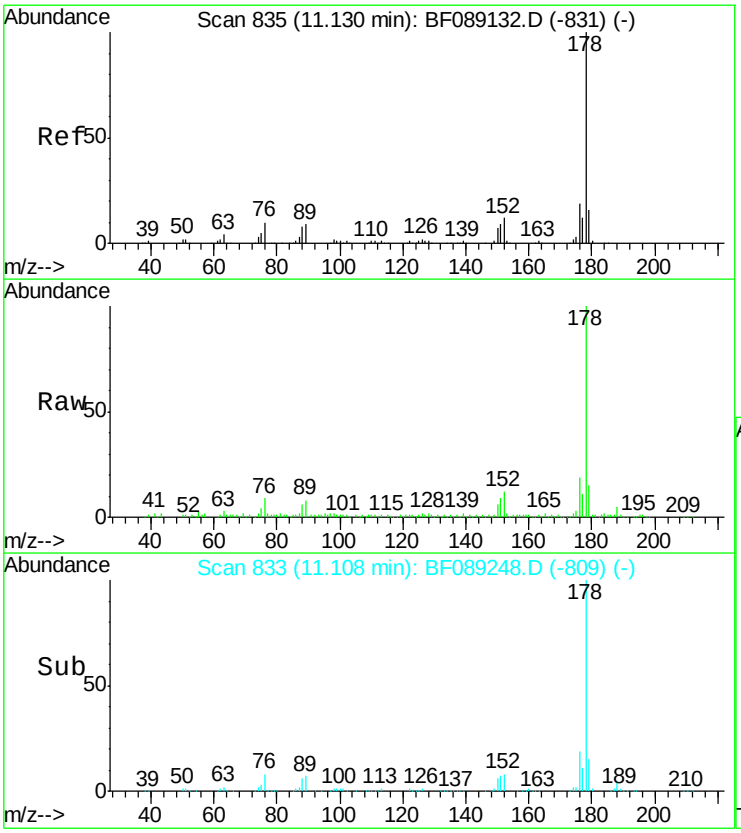
#66
4-Bromophenyl-phenylether
Concen: 3.68 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.26 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Instrument :
BNA_F
ClientSampleId :
KMW-04-0.2-2.0

Tgt Ion:248 Resp: 5437

Ion	Ratio	Lower	Upper
248	100		
250	199.7	76.9	115.3#
141	466.7	77.4	116.2#

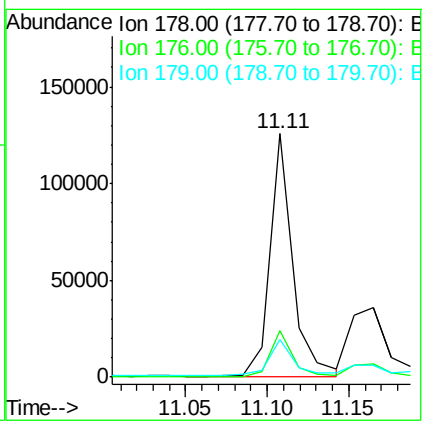


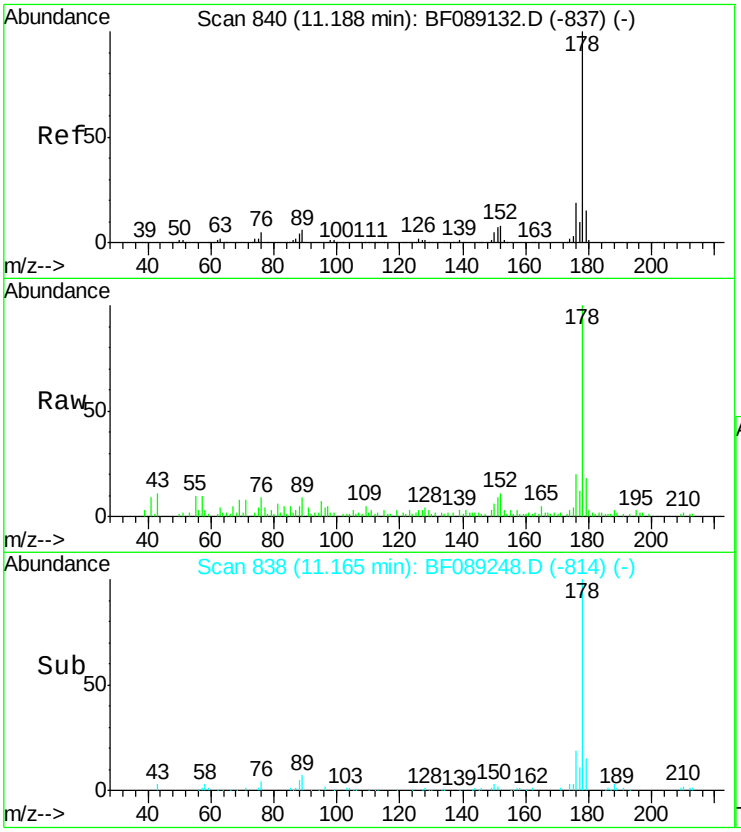


#70
Phenanthrene
Concen: 14.90 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.02 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Tgt Ion:178 Resp: 122208

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	15.5	12.4	18.6



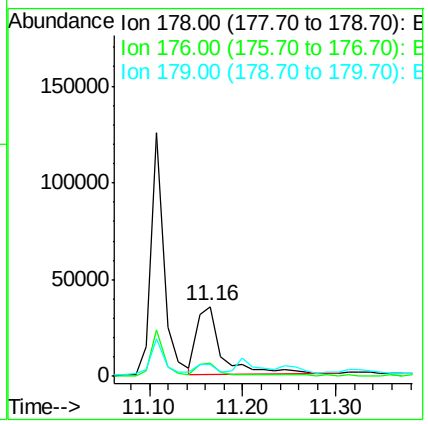


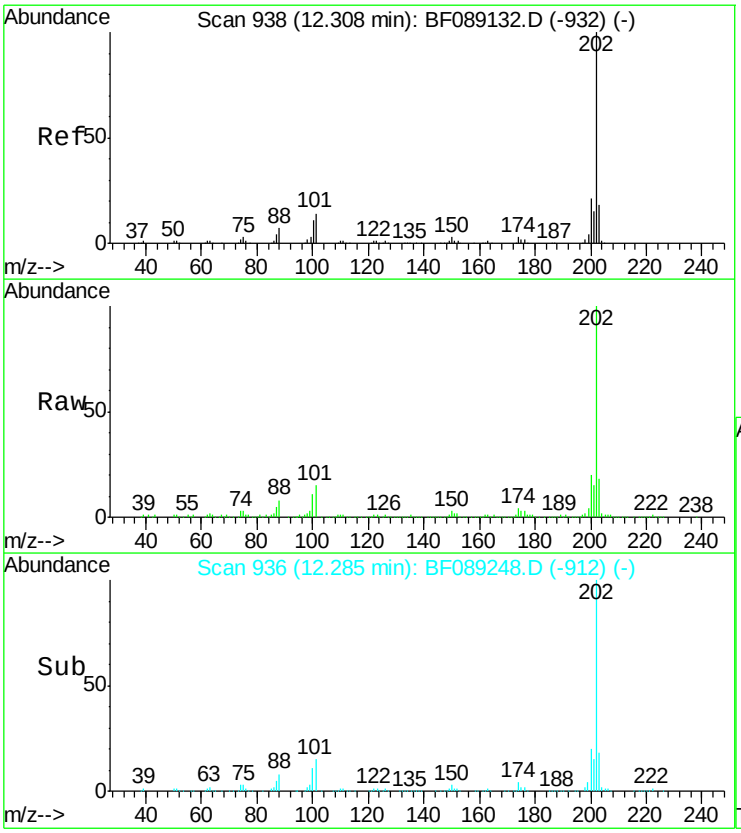
#71
Anthracene
Concen: 7.77 ng
RT: 11.16 min Scan# 838
Delta R.T. -0.02 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Instrument :
BNA_F
ClientSampleId :
KMW-04-0.2-2.0

Tgt Ion:178 Resp: 66251

Ion	Ratio	Lower	Upper
178	100		
176	19.6	14.9	22.3
179	17.5	12.0	18.0

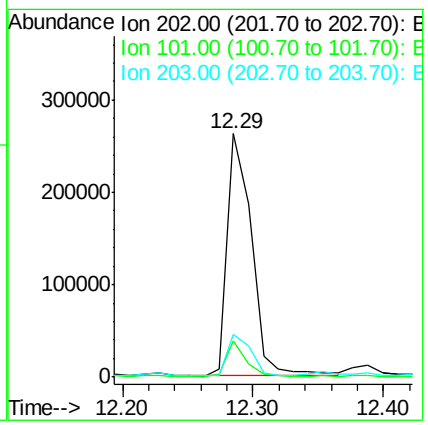


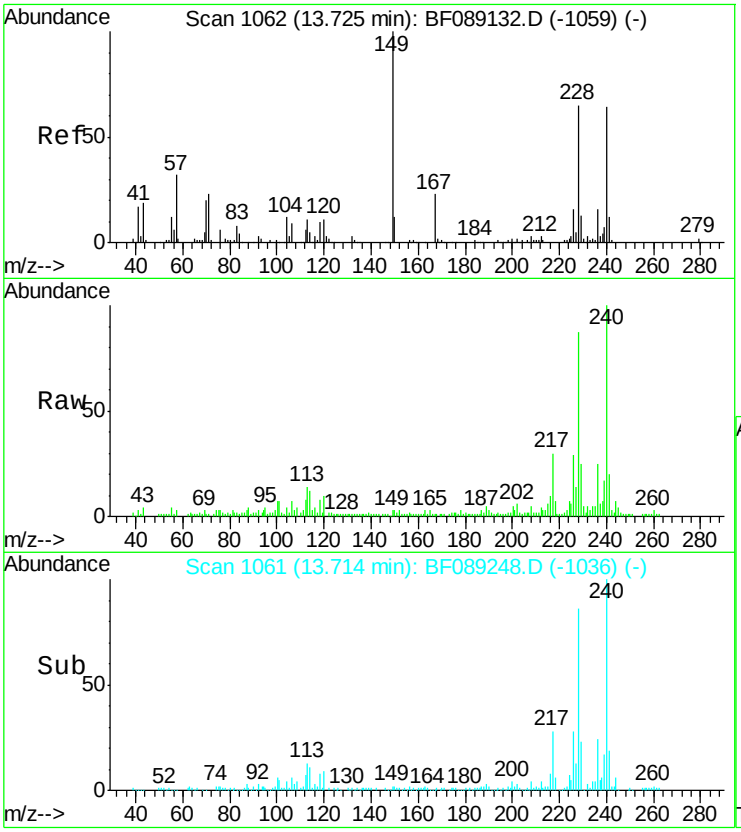


#74
Fluoranthene
Concen: 39.77 ng
RT: 12.29 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Tgt Ion:202 Resp: 342767

Ion	Ratio	Lower	Upper
202	100		
101	15.0	0.0	34.0
203	17.7	0.0	37.8



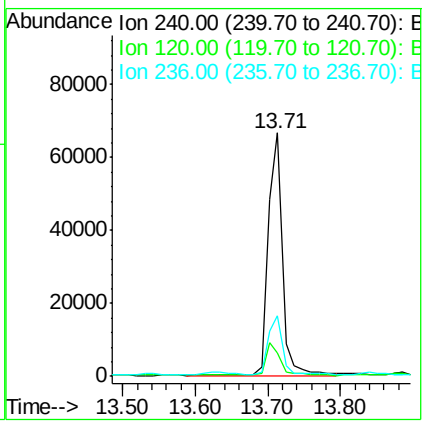


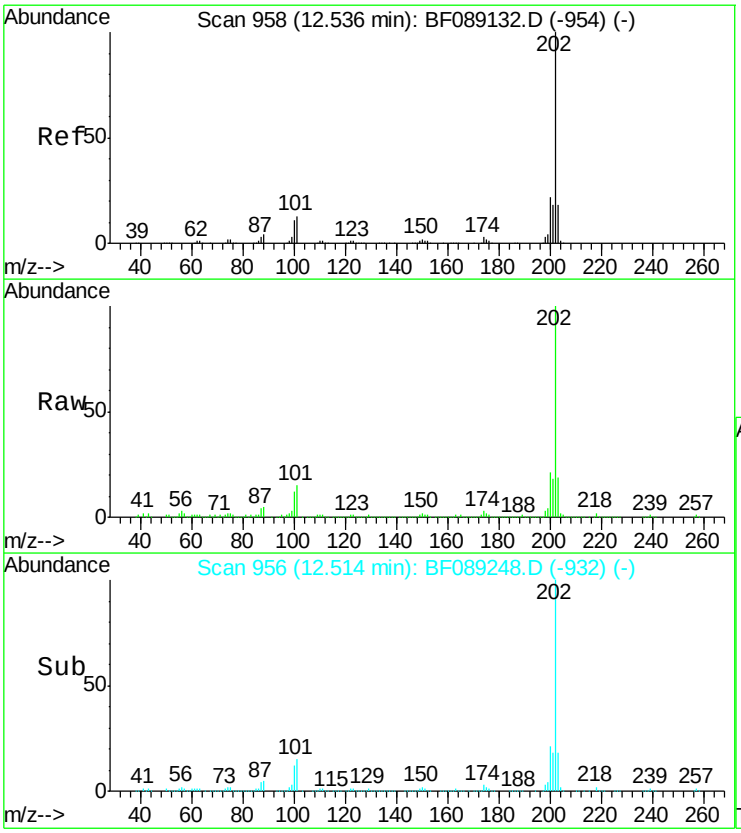
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Instrument :
BNA_F
ClientSampleId :
KMW-04-0.2-2.0

Tgt Ion:240 Resp: 94843

Ion	Ratio	Lower	Upper
240	100		
120	9.5	13.6	20.4#
236	24.9	20.5	30.7

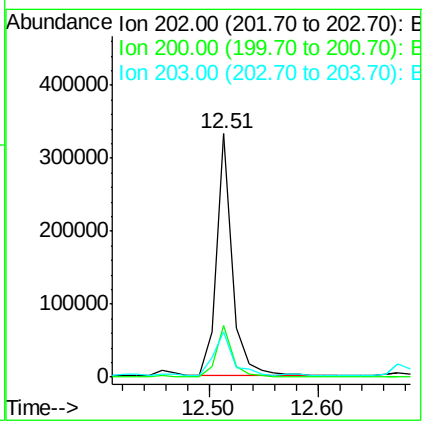


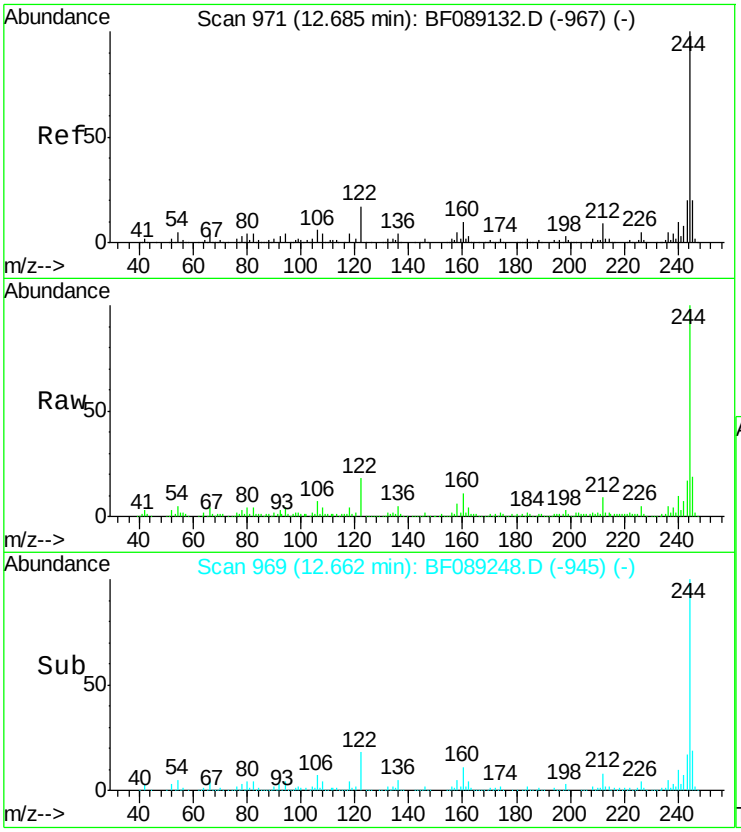


#77
Pyrene
Concen: 42.84 ng
RT: 12.51 min Scan# 956
Delta R.T. -0.02 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Tgt Ion:202 Resp: 335560

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.0
203	18.6	14.2	21.2



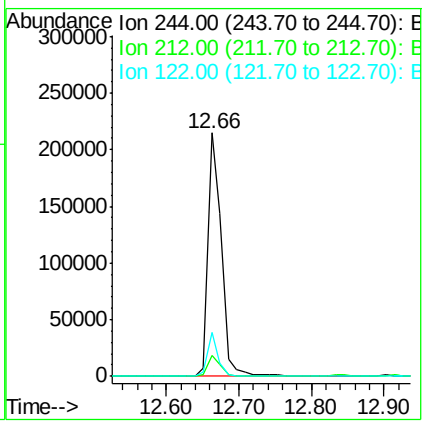


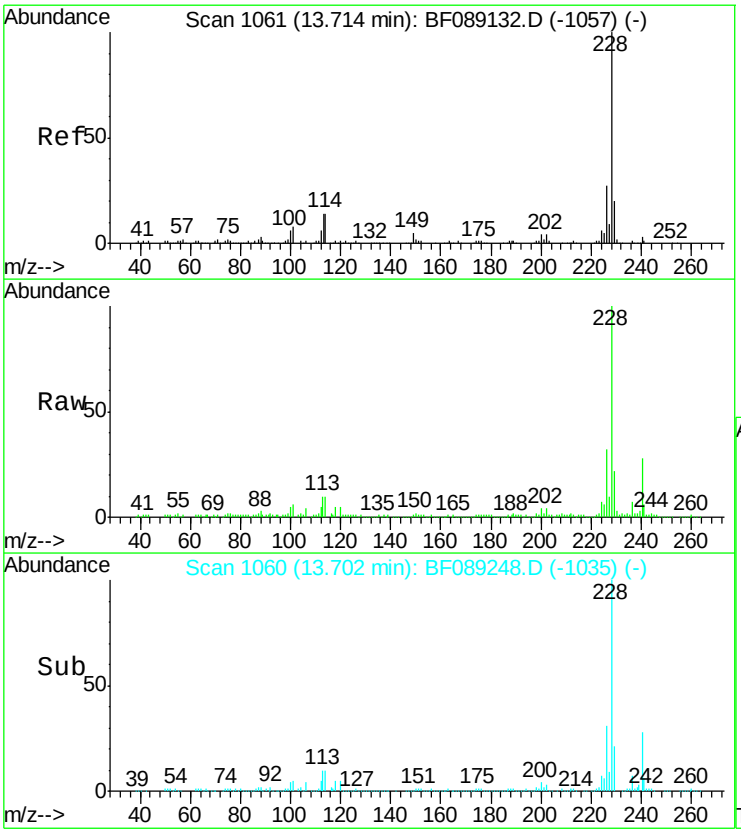
#78
Terphenyl-d14
Concen: 62.52 ng
RT: 12.66 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Instrument :
BNA_F
ClientSampleId :
KMW-04-0.2-2.0

Tgt Ion:244 Resp: 273398

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.4
122	17.9	13.8	20.8

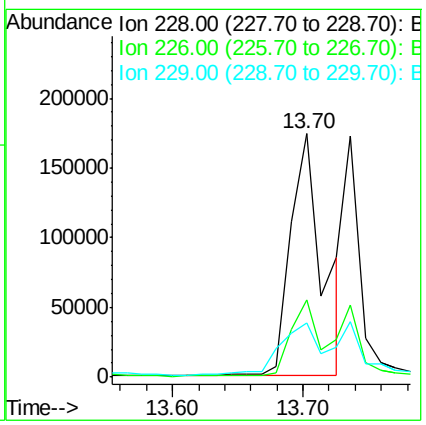


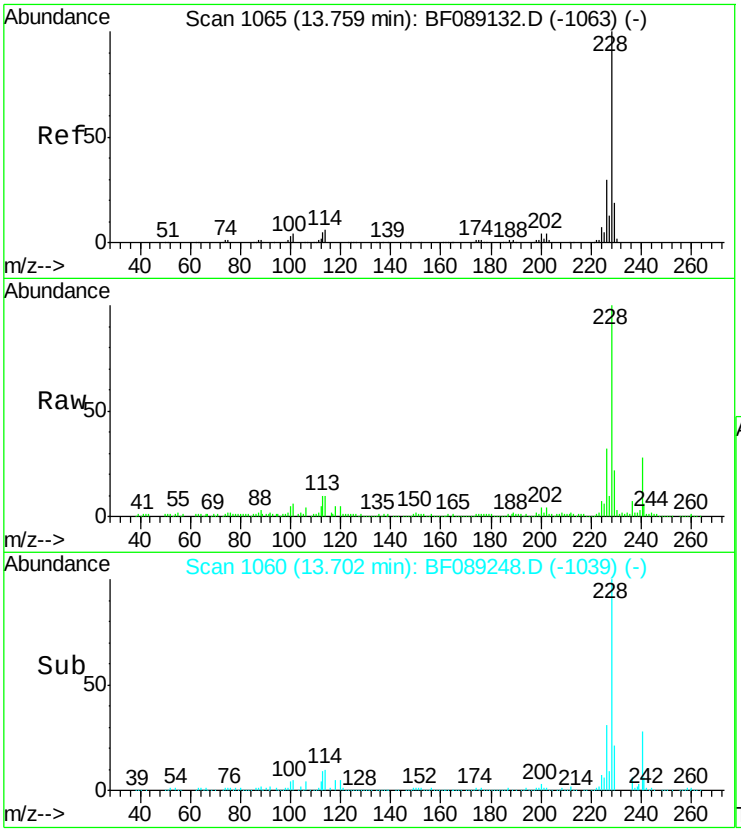


#80
Benzo(a)anthracene
Concen: 49.71 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Tgt Ion:228 Resp: 300275

Ion	Ratio	Lower	Upper
228	100		
226	31.6	21.8	32.8
229	22.3	15.8	23.8



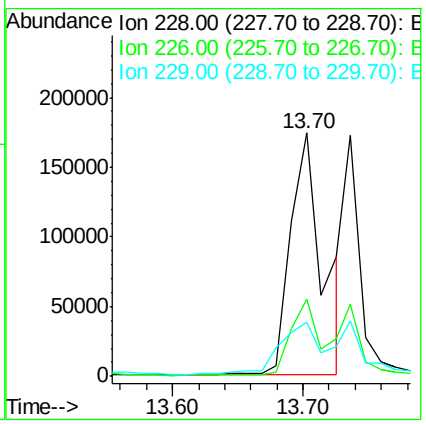


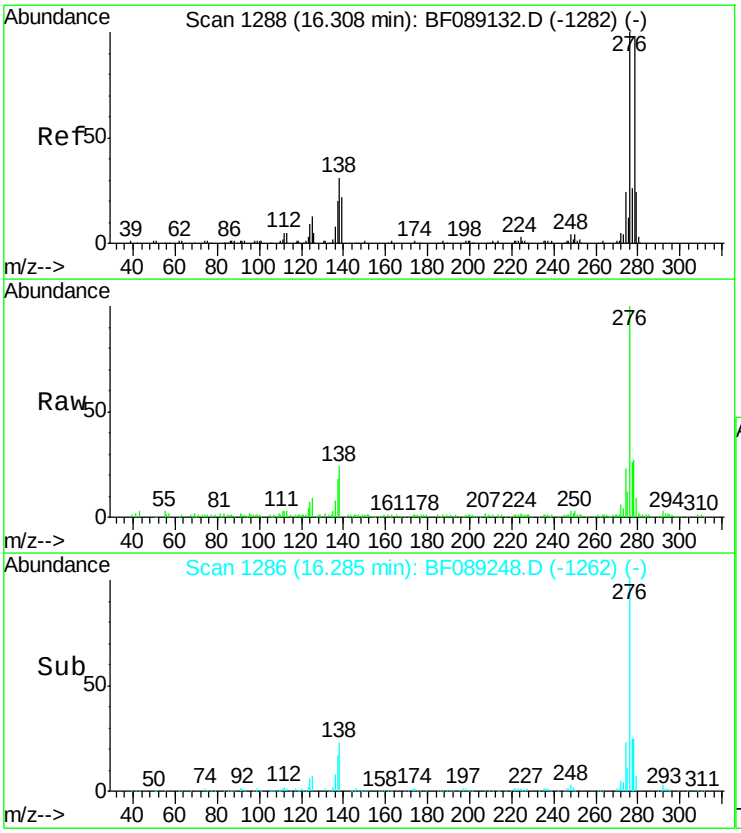
#82
Chrysene
Concen: 52.04 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.06 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Instrument :
BNA_F
ClientSampleId :
KMW-04-0.2-2.0

Tgt Ion:228 Resp: 300275

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.8	35.8
229	22.3	15.4	23.0

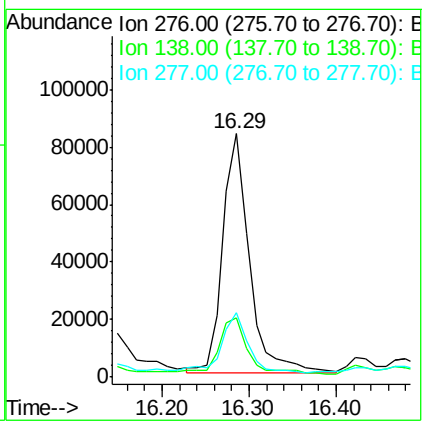


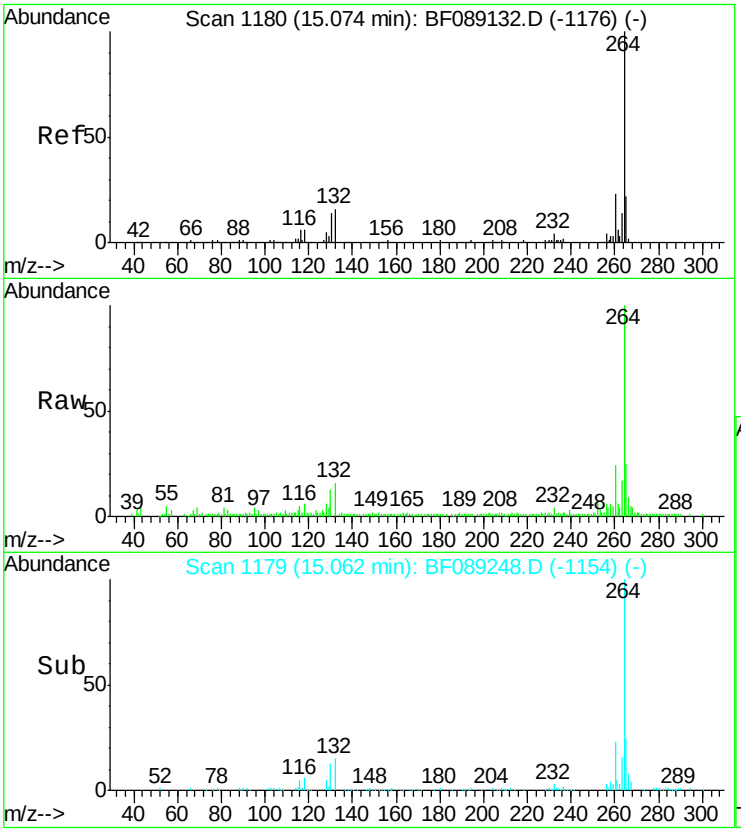


#85
Indeno(1,2,3-cd)pyrene
Concen: 42.19 ng
RT: 16.29 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Tgt Ion:276 Resp: 176818

Ion	Ratio	Lower	Upper
276	100		
138	25.8	23.7	35.5
277	24.2	20.6	31.0



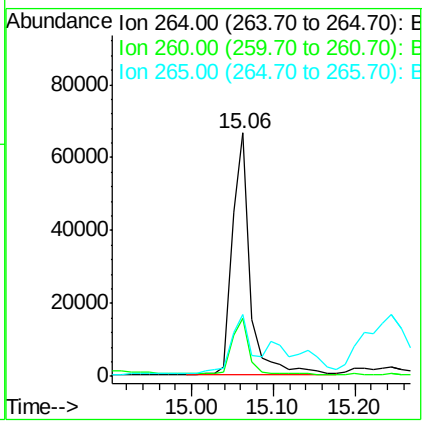


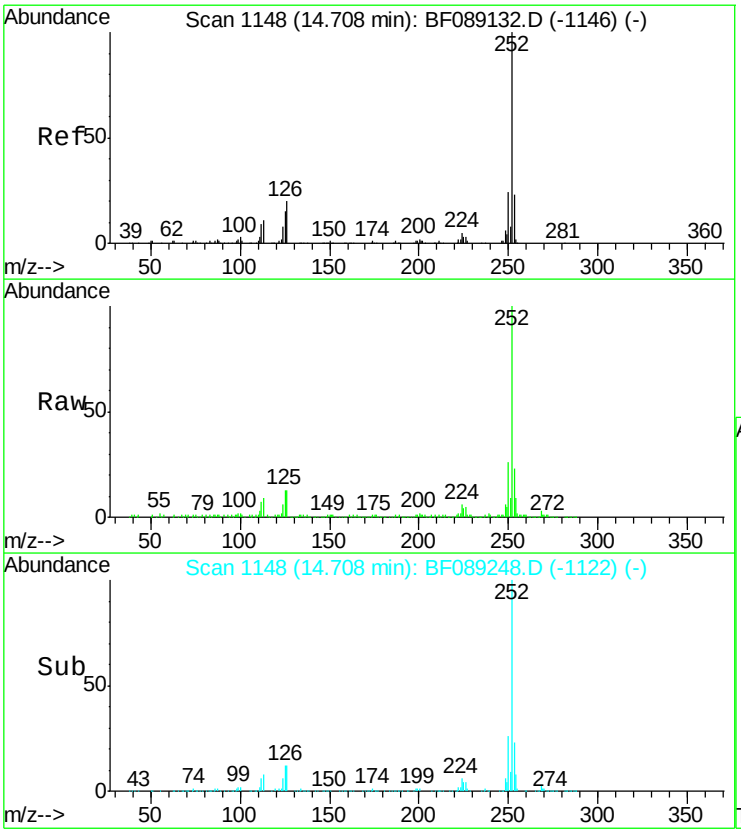
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Instrument :
BNA_F
ClientSampleId :
KMW-04-0.2-2.0

Tgt Ion:264 Resp: 101721

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.5	27.7
265	25.3	17.3	25.9

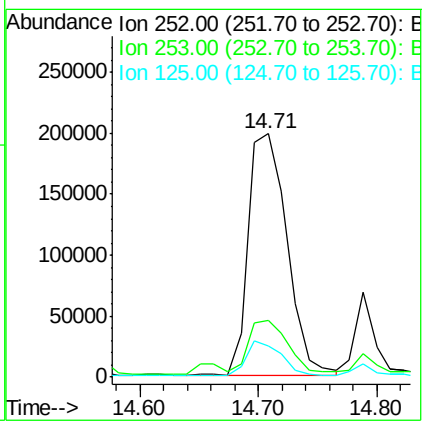


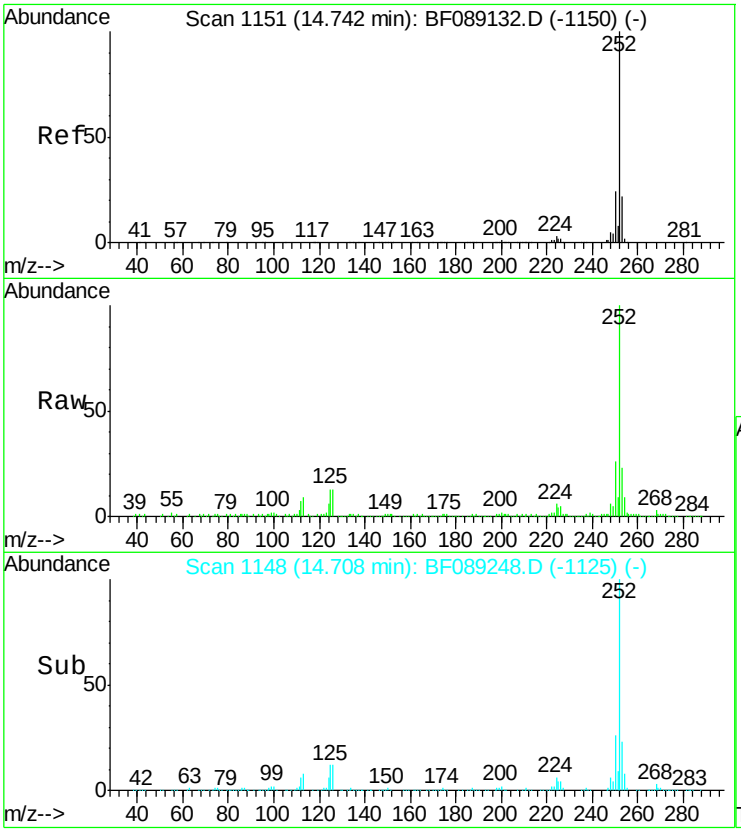


#87
Benzo(b)fluoranthene
Concen: 61.14 ng
RT: 14.71 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Tgt Ion:252 Resp: 450431

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	12.8	11.9	17.9



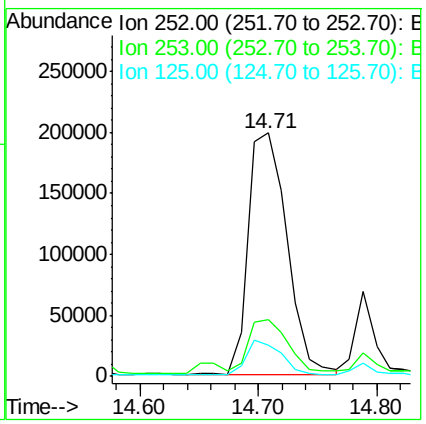


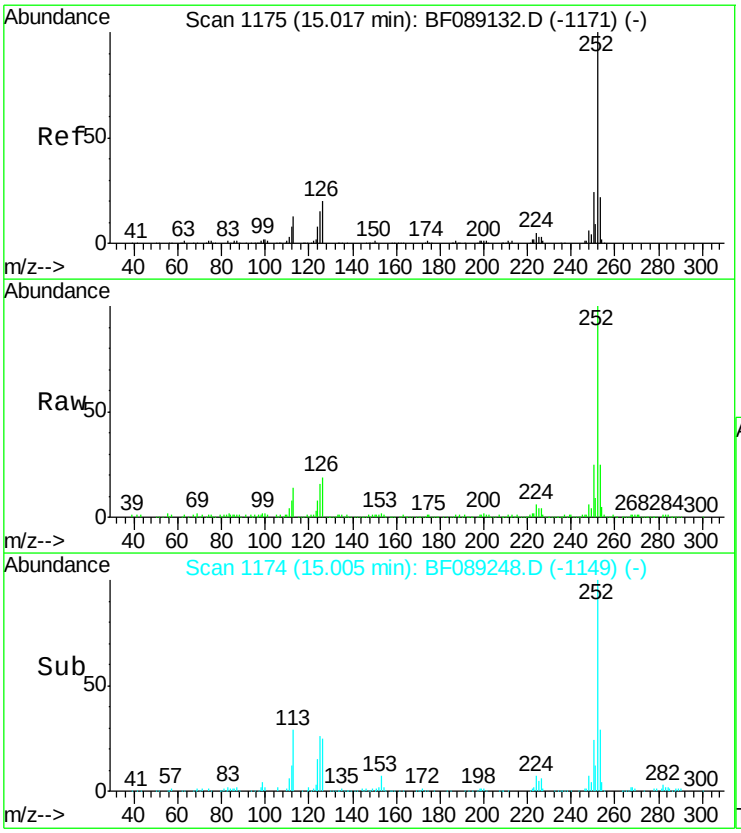
#88
Benzo(k)fluoranthene
Concen: 85.39 ng
RT: 14.71 min Scan# 1148
Delta R.T. -0.03 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Instrument :
BNA_F
ClientSampleId :
KMW-04-0.2-2.0

Tgt Ion:252 Resp: 449861

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.3	25.9
125	12.8	6.3	9.5#

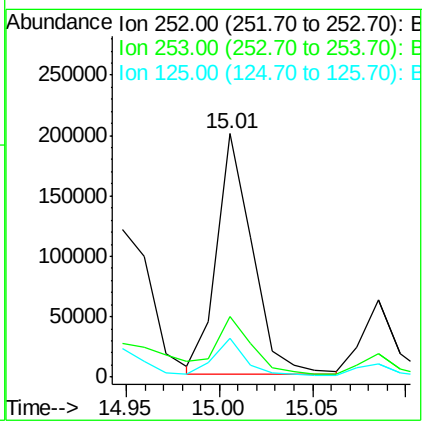


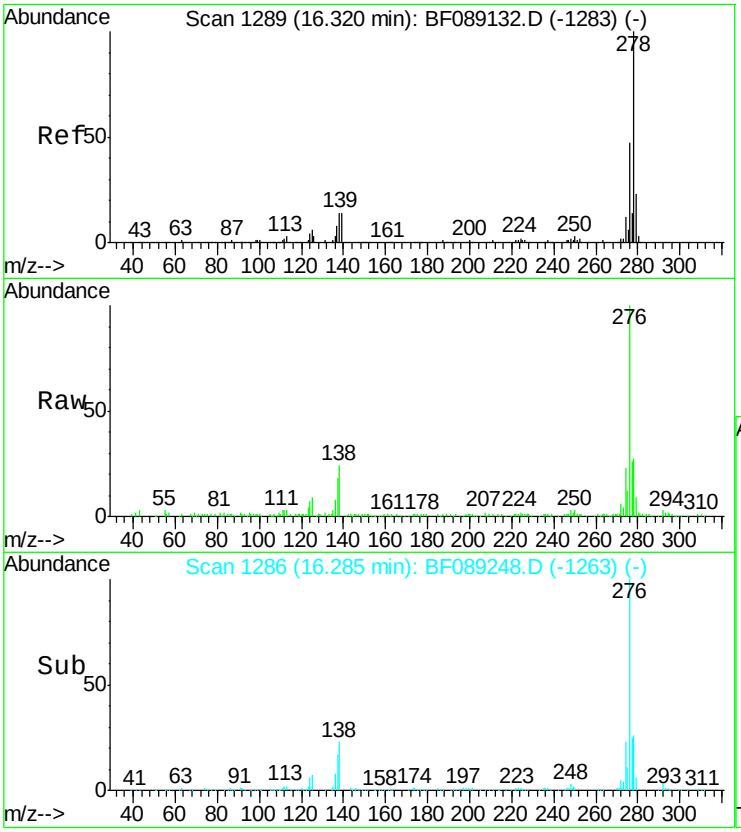


#89
Benzo(a)pyrene
Concen: 46.81 ng
RT: 15.01 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Tgt Ion:252 Resp: 267723

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.4	26.0
125	15.9	12.4	18.6



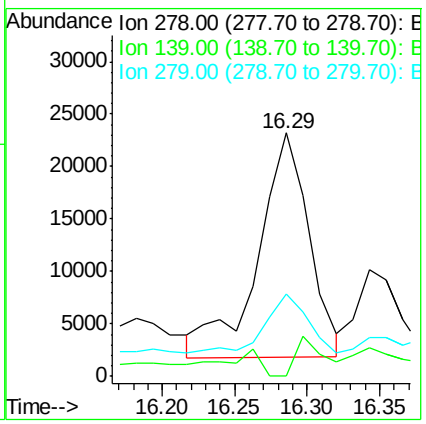


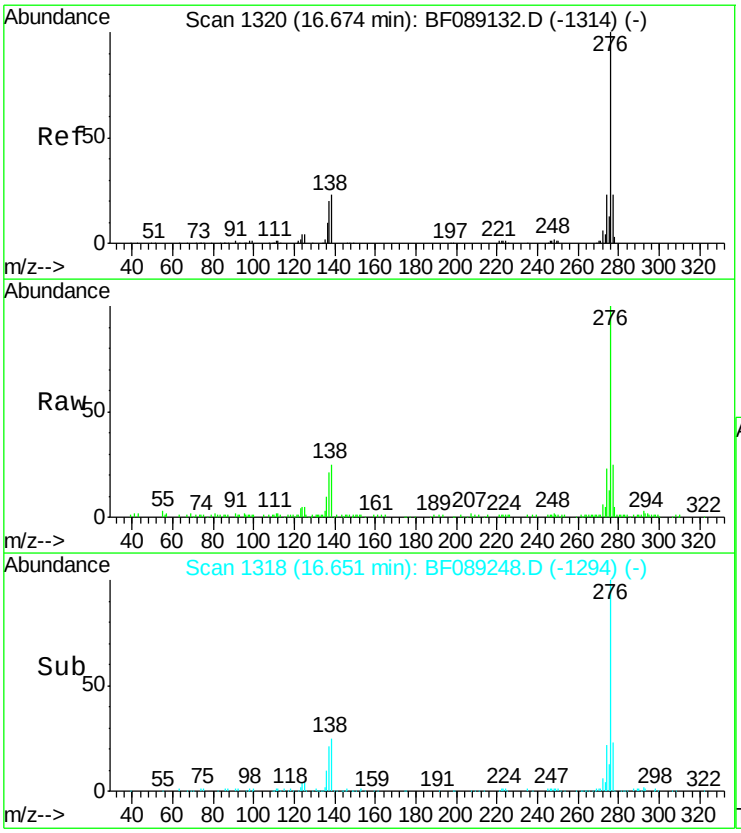
#90
Dibenzo(a,h)anthracene
Concen: 11.57 ng
RT: 16.29 min Scan# 1286
Delta R.T. -0.03 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Instrument :
BNA_F
ClientSampleId :
KMW-04-0.2-2.0

Tgt Ion:278 Resp: 52262

Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.4	17.2#
279	33.9	18.4	27.6#





#91
Benzo(g,h,i)perylene
Concen: 35.68 ng
RT: 16.65 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Tgt Ion:276 Resp: 162476

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.5	27.7
138	25.4	18.5	27.7