Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE062416\
Data File : BE091952.D
Acq On : 24 Jun 2016 18:35
Operator : UM/SJ
Sample : H3676-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : NCHC-011

Quant Time: Jun 24 19:20:30 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 15 12:00:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	40321	5.00	ng		0.00
8) Naphthalene-d8	11.02	136	195008	5.00	ng		0.03
15) Acenaphthene-d10	14.86	164	131004	5.00	ng		0.00
24) Phenanthrene-d10	17.61	188	245319	5.00	ng		0.00
31) Chrysene-d12	21.76	240	323132	5.00	ng		0.00
40) Perylene-d12	24.17	264	242042	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.72	112	50612	6.42	ng		0.00
5) Phenol-d6	7.37	99	85600	6.64	ng		0.02
9) Nitrobenzene-d5	9.37	82	47449	3.52	ng		0.00
16) 2,4,6-Tribromophenol	16.35	330	24068	7.07	ng		0.00
17) 2-Fluorobiphenyl	13.48	172	115062	3.46	ng		0.00
34) Terphenyl-d14	20.22	244	130960	3.31	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.73	42	2652	0.41	ng	#	1
7) n-Nitroso-di-n-propylamine	9.08	70	207	0.14	ng	#	19
10) Nitrobenzene	9.37	77	186	0.06	ng	#	16
11) bis(2-Chloroethoxy)methane	10.07	93	953	0.06	ng	#	1
18) Acenaphthylene	14.59	152	7852	0.06	ng	#	77
19) 2,6-Dinitrotoluene	14.31	165	21167	0.94	ng	#	38
21) 2,4-Dinitrotoluene	14.86	165	61600	2.42	ng	#	1
22) Fluorene	15.91	166	1123	0.03	ng	#	83
23) 4-Chlorophenyl-phenylether	15.55	204	1064	0.06	ng	#	1
27) Pentachlorophenol	17.26	266	89	0.10	ng	#	78
28) Phenanthrene	17.64	178	14248	0.23	ng		97
29) Anthracene	17.64	178	14023	0.26	ng		96
30) Fluoranthene	19.65	202	126945	0.48	ng	#	87
32) Benzidine	19.79	184	85	0.10	ng	#	1
33) Pyrene	20.02	202	121856	0.55	ng	#	67
35) Benzo(a)anthracene	21.78	228	36063	0.71	ng	#	79
36) 3,3'-Dichlorobenzidine	21.70	252	450	0.05	ng	#	88
37) Chrysene	21.78	228	35385	0.48	ng	#	87
38) Bis(2-ethylhexyl)phthalate	21.64	149	28823	0.94	ng	#	100
39) Indeno(1,2,3-cd)pyrene	26.68	276	49821	0.20	ng		97
41) Benzo(b)fluoranthene	23.43	252	35762	0.58	ng	#	48
42) Benzo(k)fluoranthene	23.43	252	35762	0.63	ng	#	51
43) Benzo(a)pyrene	24.06	252	16955	0.31	ng	#	64
44) Dibenzo(a,h)anthracene	26.70	278	3358	0.06	ng	#	1
45) Benzo(g,h,i)perylene	27.47	276	61433	0.28	ng	#	78

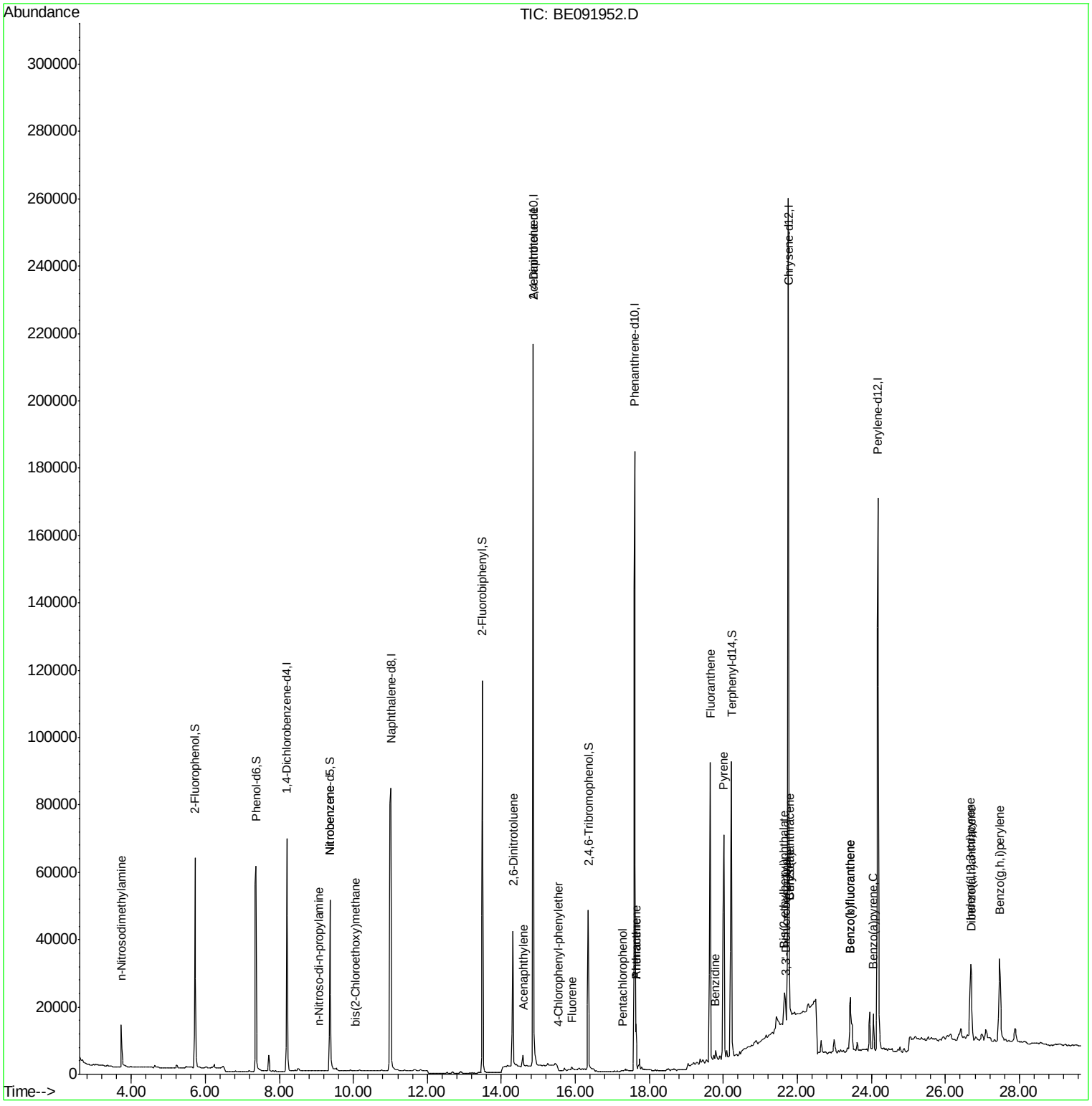
(#) = qualifier out of range (m) = manual integration (+) = signals summed

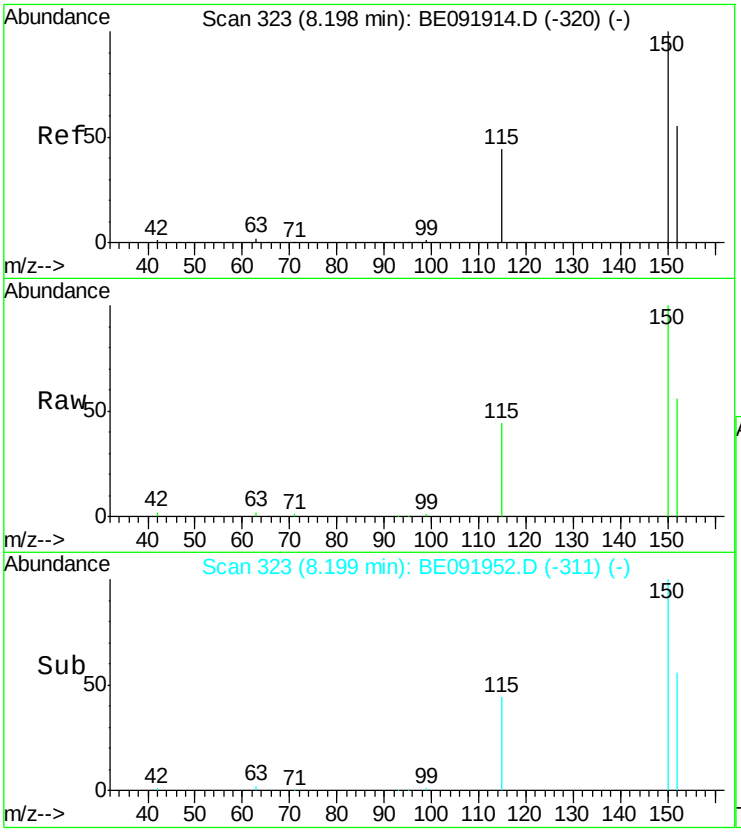
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE062416\
Data File : BE091952.D
Acq On : 24 Jun 2016 18:35
Operator : UM/SJ
Sample : H3676-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
NCHC-011

Quant Time: Jun 24 19:20:30 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 15 12:00:38 2016
Response via : Initial Calibration



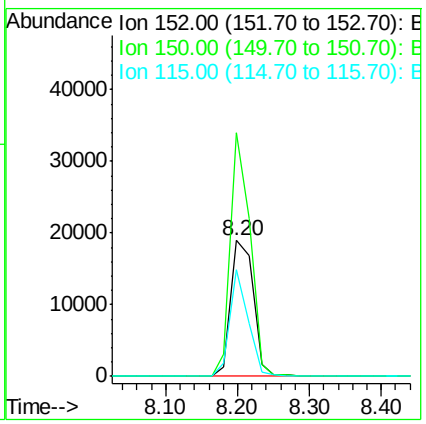


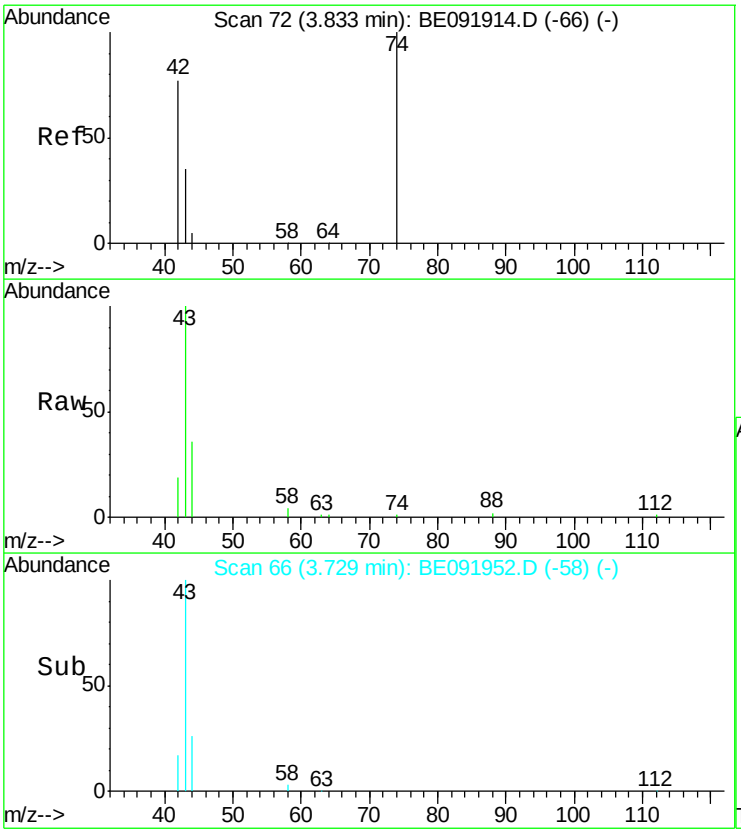
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.20 min Scan# 323
Delta R.T. -0.00 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Instrument :
BNA_E
ClientSampleId :
NCHC-011

Tgt Ion:152 Resp: 40321

Ion	Ratio	Lower	Upper
152	100		
150	179.2	123.9	185.9
115	78.7	48.3	72.5#

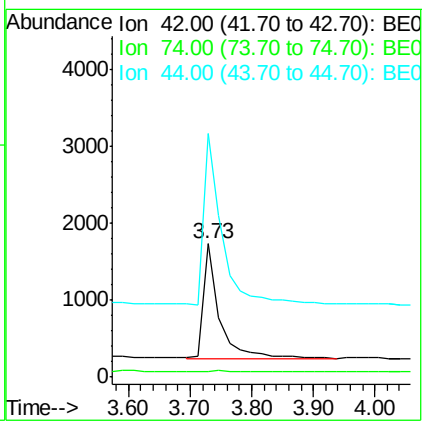


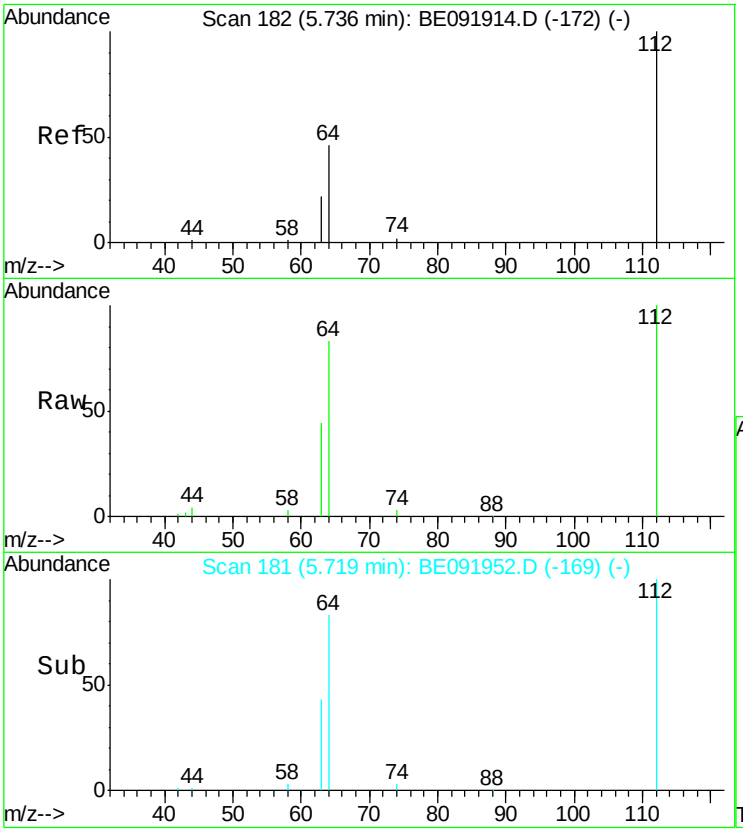


#3
n-Nitrosodimethylamine
Concen: 0.41 ng
RT: 3.73 min Scan# 66
Delta R.T. -0.07 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Tgt Ion: 42 Resp: 2652

Ion	Ratio	Lower	Upper
42	100		
74	1.0	93.4	140.0#
44	168.3	5.0	7.6#



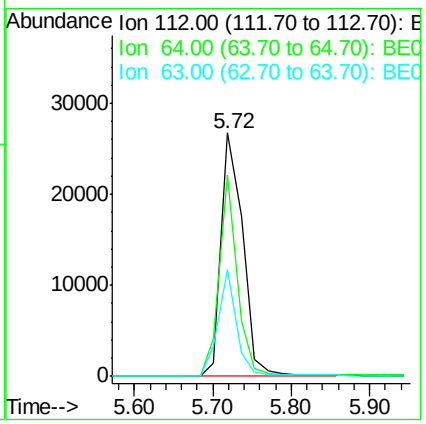


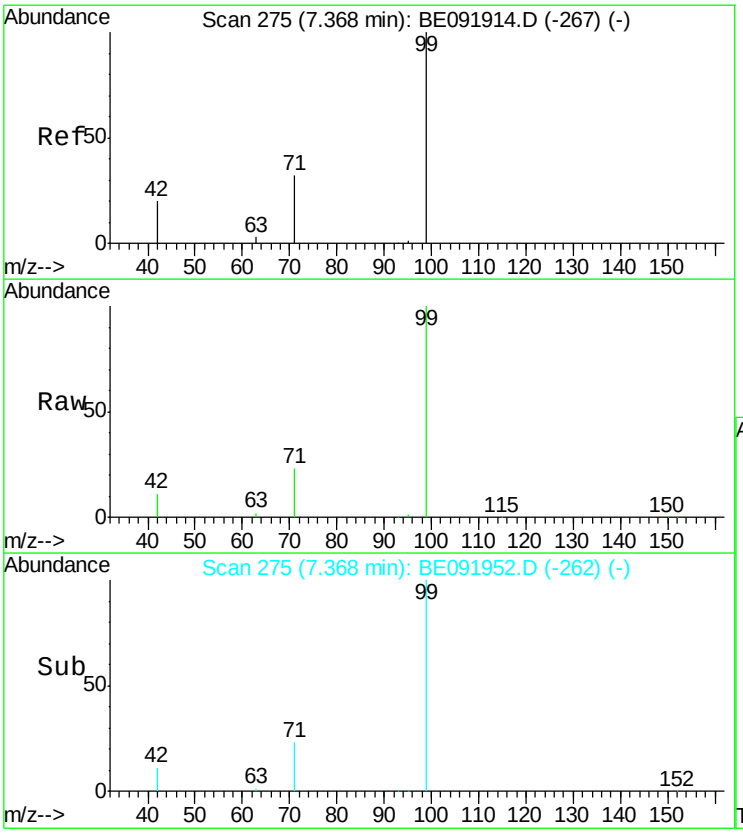
#4
2-Fluorophenol
Concen: 6.42 ng
RT: 5.72 min Scan# 181
Delta R.T. -0.00 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Instrument :
BNA_E
ClientSampleId :
NCHC-011

Tgt Ion:112 Resp: 50612

Ion	Ratio	Lower	Upper
112	100		
64	68.9	53.7	80.5
63	36.8	29.5	44.3

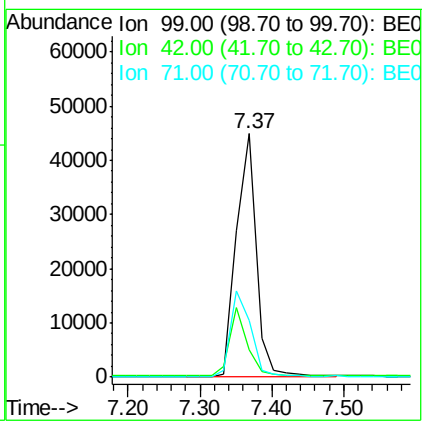


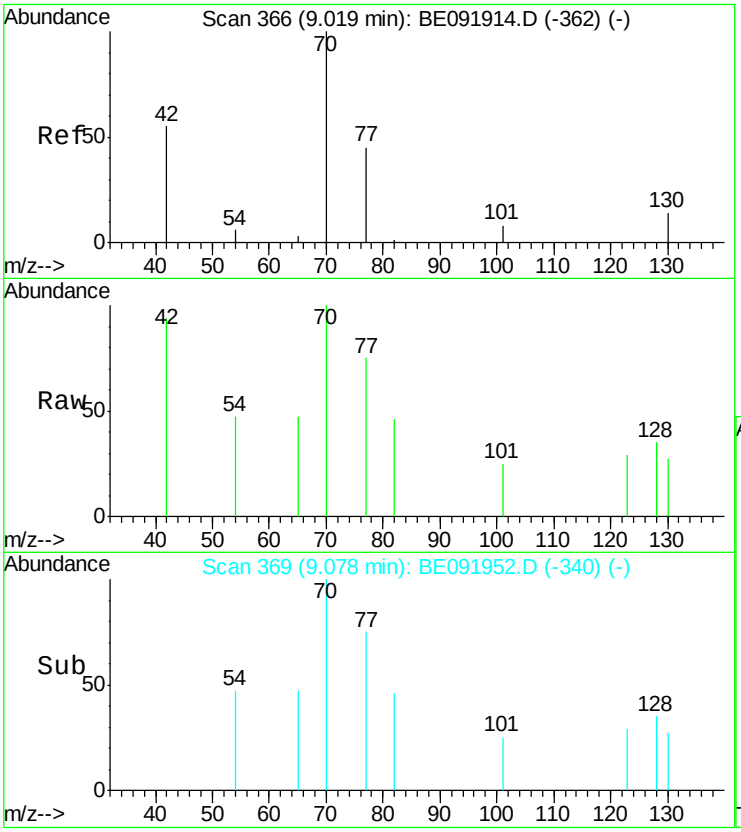


#5
Phenol-d6
Concen: 6.64 ng
RT: 7.37 min Scan# 275
Delta R.T. 0.02 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Tgt Ion: 99 Resp: 85600

Ion	Ratio	Lower	Upper
99	100		
42	25.1	19.6	29.4
71	35.7	28.1	42.1



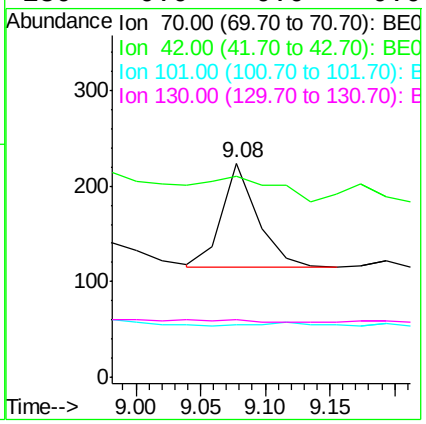


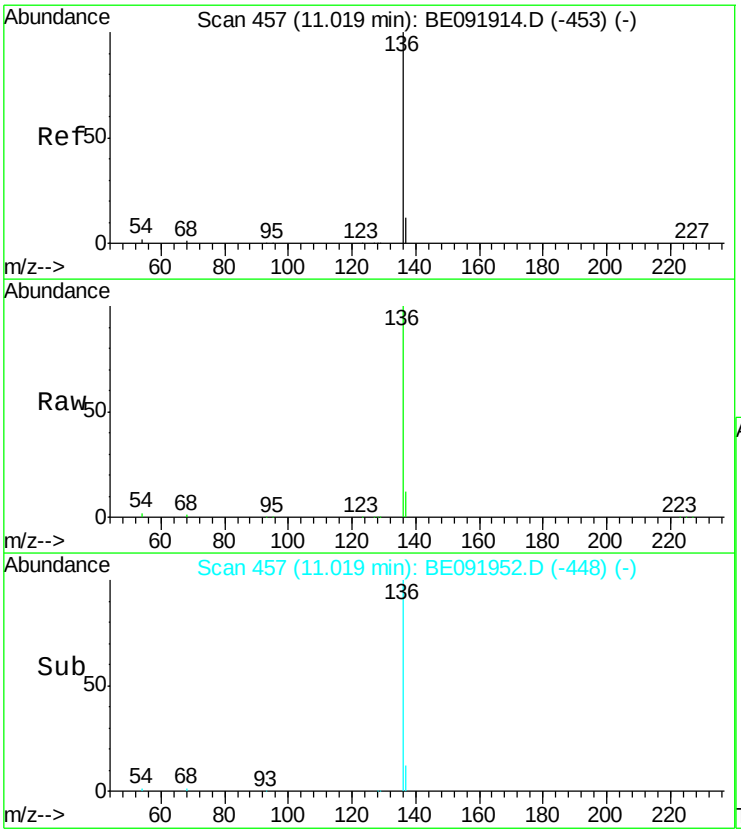
#7
n-Nitroso-di-n-propylamine
Concen: 0.14 ng
RT: 9.08 min Scan# 369
Delta R.T. 0.08 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Instrument :
BNA_E
ClientSampleId :
NCHC-011

Tgt Ion: 70 Resp: 207

Ion	Ratio	Lower	Upper
70	100		
42	0.0	58.4	87.6#
101	0.0	6.4	9.6#
130	0.0	0.0	0.0

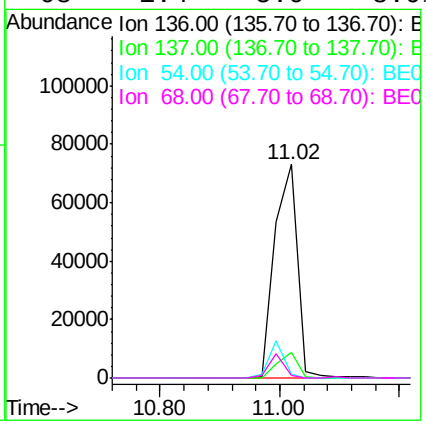


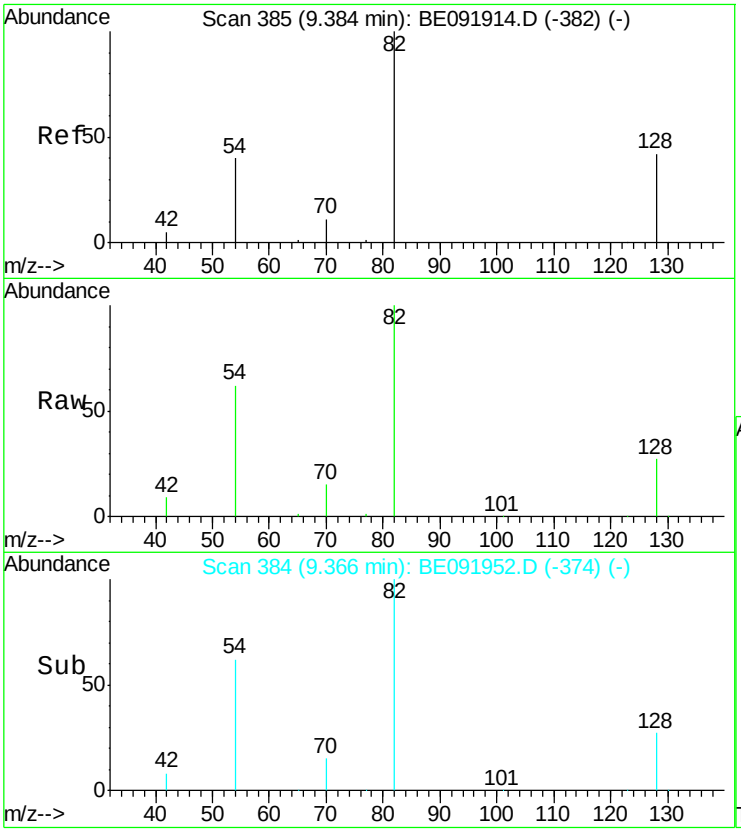


#8
Naphthalene-d8
Concen: 5.00 ng
RT: 11.02 min Scan# 457
Delta R.T. 0.03 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Tgt Ion:136 Resp: 195008

Ion	Ratio	Lower	Upper
136	100		
137	12.3	8.3	12.5
54	1.5	8.2	12.4#
68	1.4	5.9	8.9#



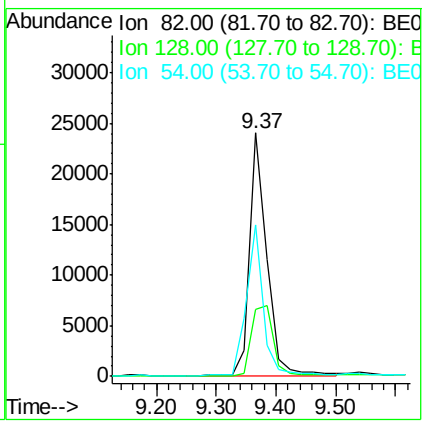


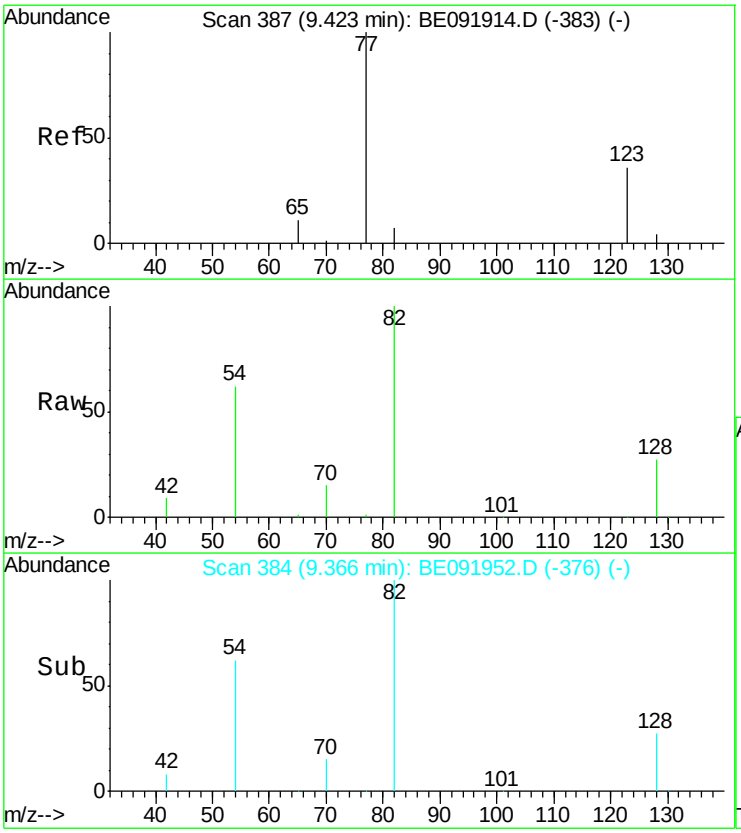
#9
Nitrobenzene-d5
Concen: 3.52 ng
RT: 9.37 min Scan# 384
Delta R.T. 0.00 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Instrument :
BNA_E
ClientSampleId :
NCHC-011

Tgt Ion: 82 Resp: 47449

Ion	Ratio	Lower	Upper
82	100		
128	27.3	39.5	59.3#
54	62.4	30.3	45.5#

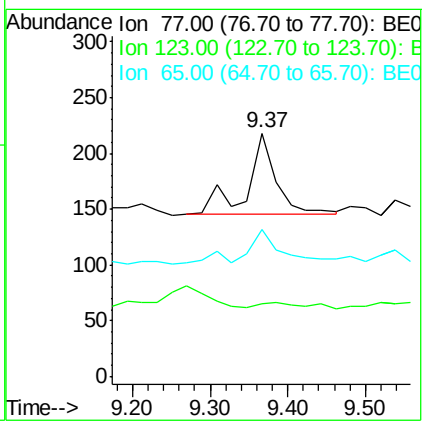


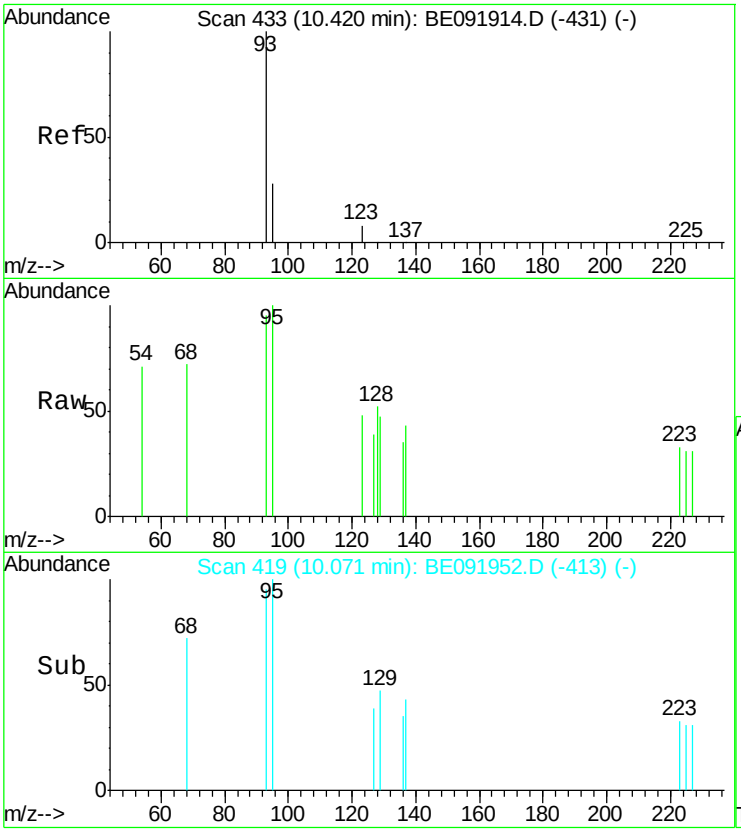


#10
Nitrobenzene
Concen: 0.06 ng
RT: 9.37 min Scan# 384
Delta R.T. -0.04 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Tgt Ion: 77 Resp: 186

Ion	Ratio	Lower	Upper
77	100		
123	11.3	0.0	0.0#
65	47.8	11.1	16.7#



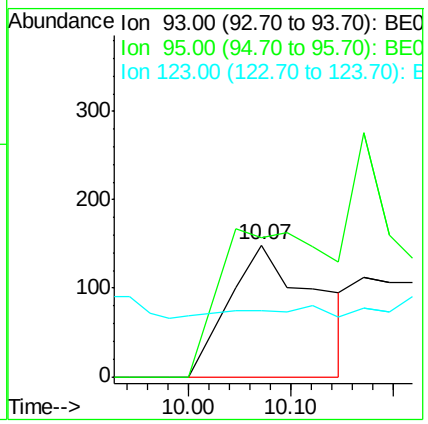


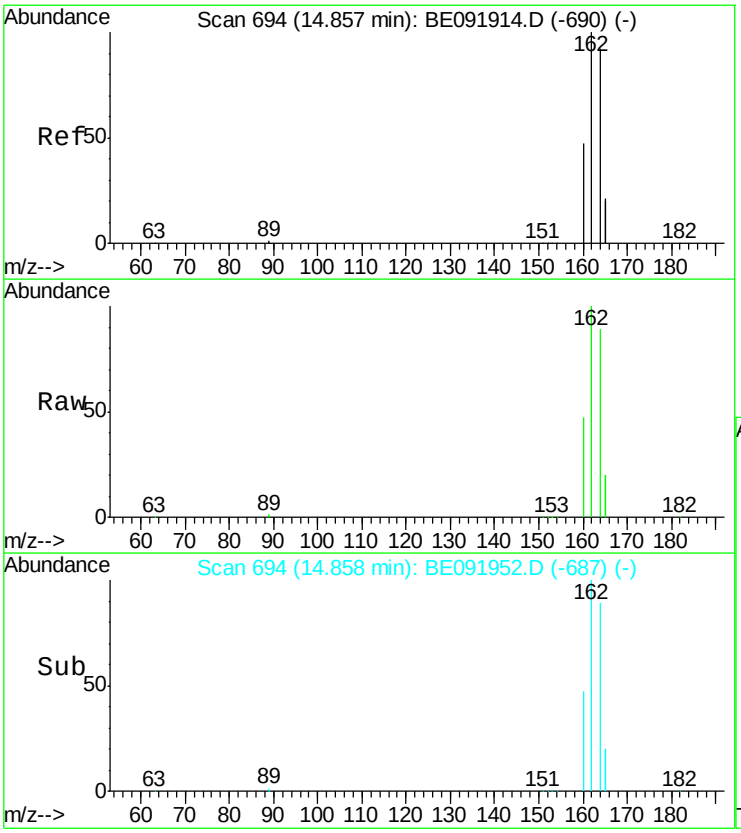
#11
bis(2-Chloroethoxy)methane
Concen: 0.06 ng
RT: 10.07 min Scan# 419
Delta R.T. -0.35 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Instrument :
BNA_E
ClientSampleId :
NCHC-011

Tgt Ion: 93 Resp: 953

Ion	Ratio	Lower	Upper
93	100		
95	0.0	57.6	86.4#
123	4.9	100.2	150.4#

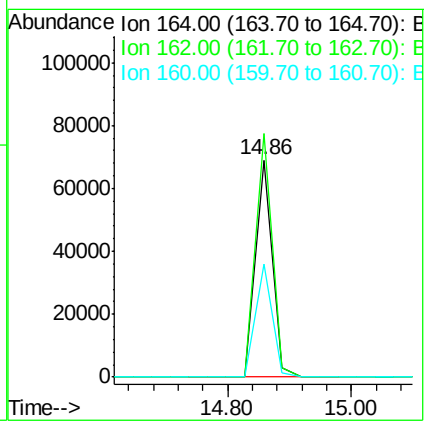


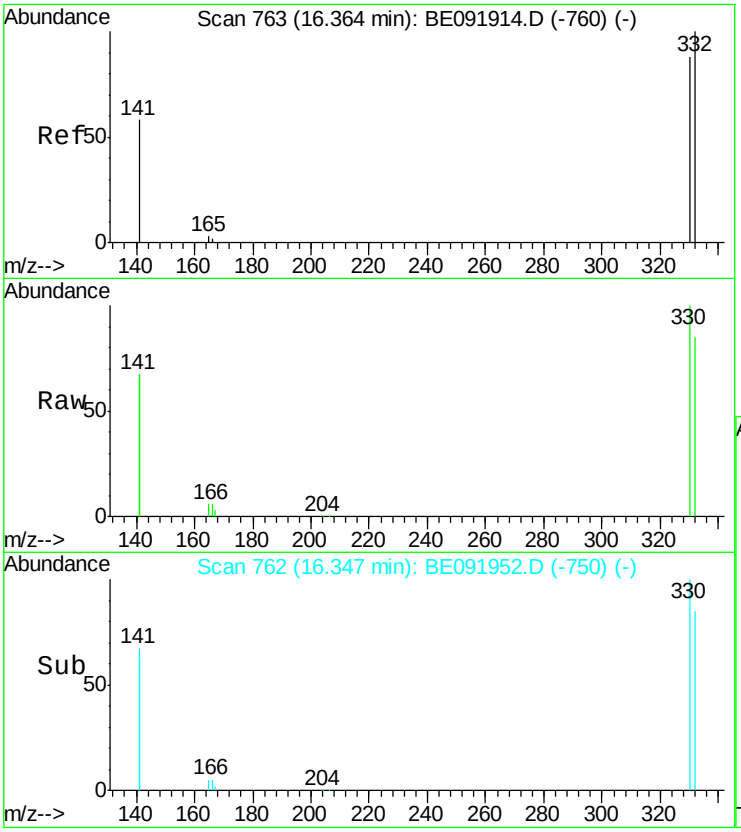


#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.86 min Scan# 694
Delta R.T. -0.00 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Tgt Ion:164 Resp: 131004

Ion	Ratio	Lower	Upper
164	100		
162	112.1	71.8	107.8#
160	52.2	28.0	42.0#



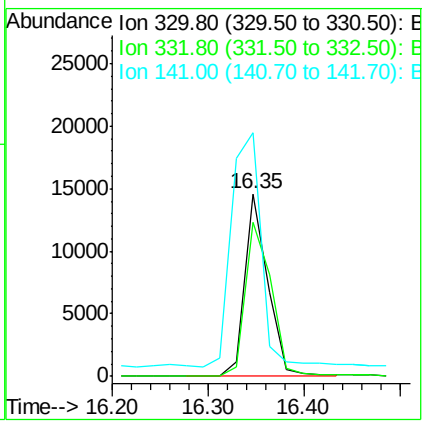


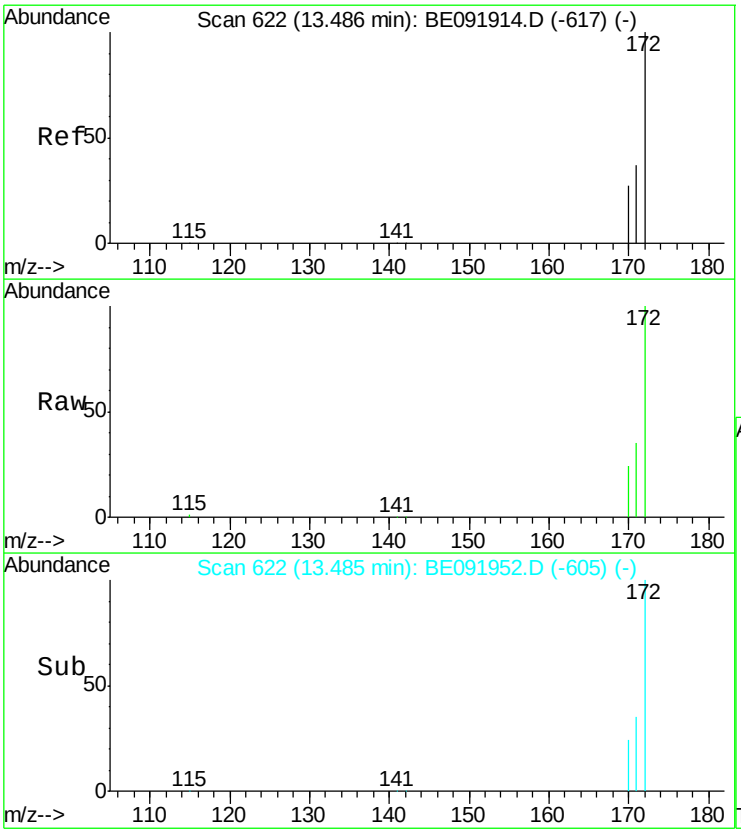
#16
2,4,6-Tribromophenol
Concen: 7.07 ng
RT: 16.35 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Instrument :
BNA_E
ClientSampleId :
NCHC-011

Tgt Ion:330 Resp: 24068

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	172.4	138.4	207.6

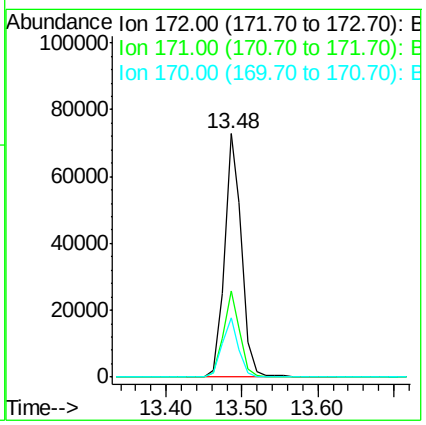


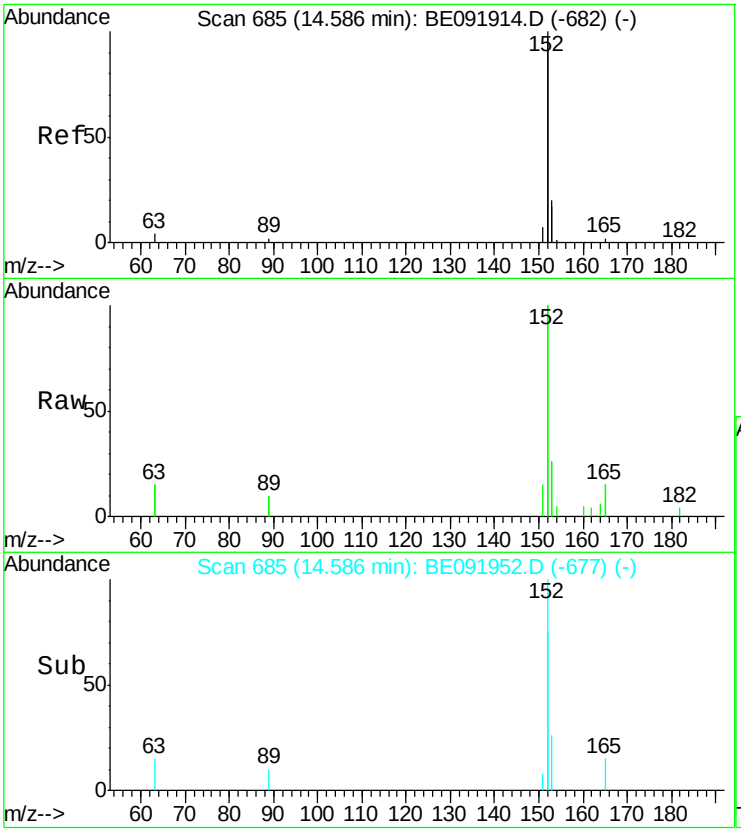


#17
2-Fluorobiphenyl
Concen: 3.46 ng
RT: 13.48 min Scan# 622
Delta R.T. 0.00 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Tgt Ion:172 Resp: 115062

Ion	Ratio	Lower	Upper
172	100		
171	35.4	24.3	36.5
170	24.3	14.9	22.3#



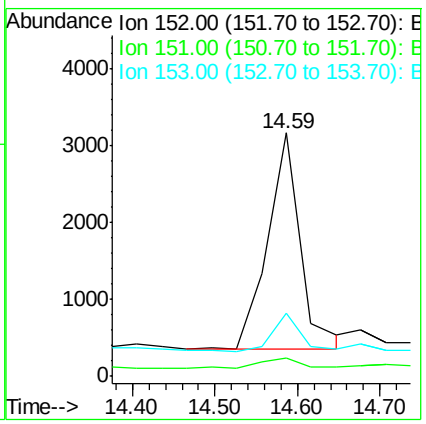


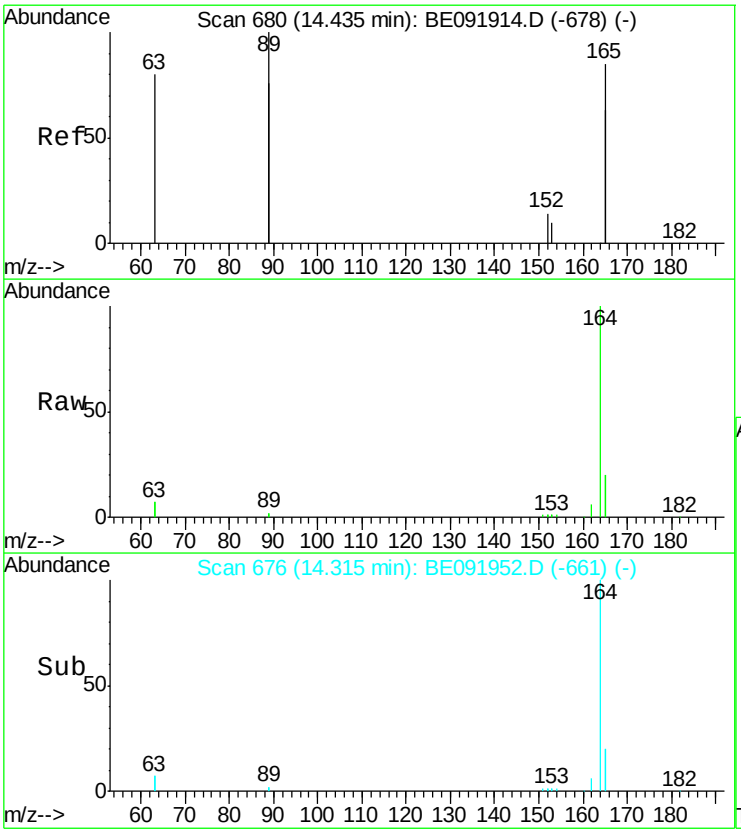
#18
Acenaphthylene
Concen: 0.06 ng
RT: 14.59 min Scan# 685
Delta R.T. 0.03 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Instrument :
BNA_E
ClientSampleId :
NCHC-011

Tgt Ion:152 Resp: 7852

Ion	Ratio	Lower	Upper
152	100		
151	6.3	19.4	29.2#
153	15.6	14.4	21.6

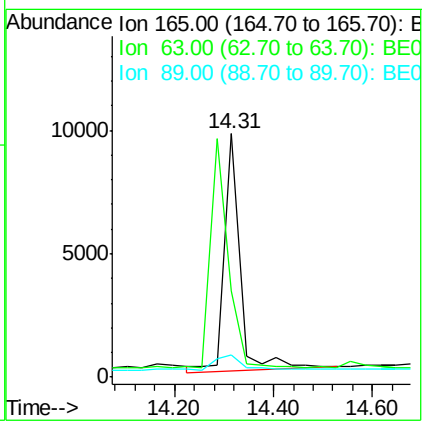


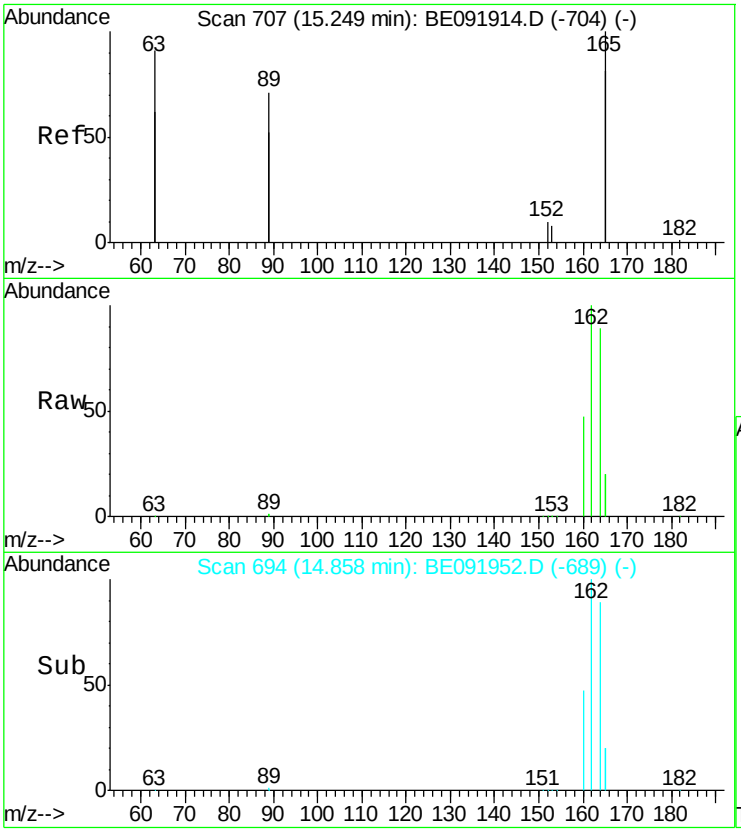


#19
2,6-Dinitrotoluene
Concen: 0.94 ng
RT: 14.31 min Scan# 676
Delta R.T. -0.12 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Tgt Ion:165 Resp: 21167

Ion	Ratio	Lower	Upper
165	100		
63	0.0	65.9	98.9#
89	49.8	59.1	88.7#



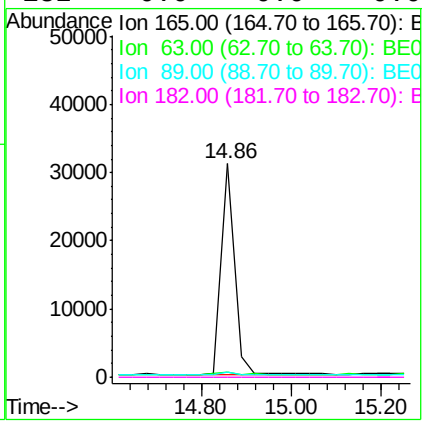


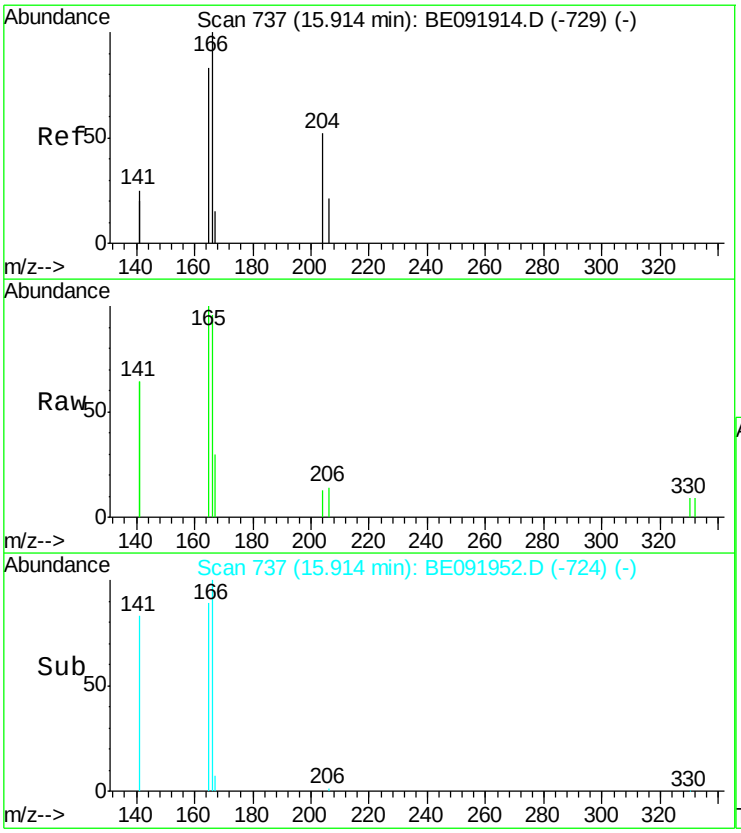
#21
2,4-Dinitrotoluene
Concen: 2.42 ng
RT: 14.86 min Scan# 694
Delta R.T. -0.36 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Instrument :
BNA_E
ClientSampleId :
NCHC-011

Tgt Ion:165 Resp: 61600

Ion	Ratio	Lower	Upper
165	100		
63	2.0	0.0	0.0#
89	1.9	99.8	149.8#
182	0.0	0.0	0.0

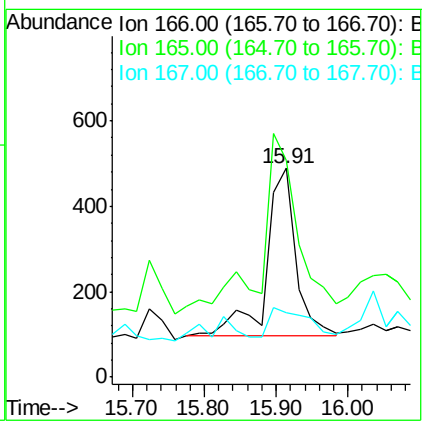


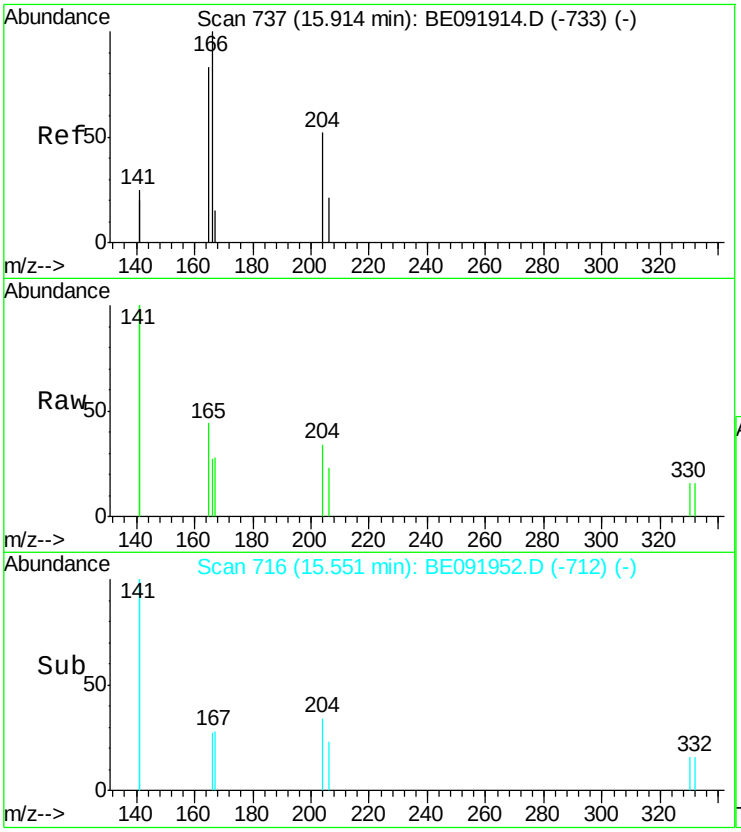


#22
Fluorene
Concen: 0.03 ng
RT: 15.91 min Scan# 737
Delta R.T. 0.02 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Tgt Ion:166 Resp: 1123

Ion	Ratio	Lower	Upper
166	100		
165	114.0	78.6	117.8
167	22.9	10.8	16.2#



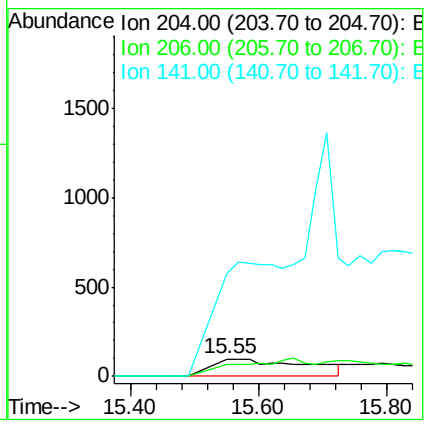


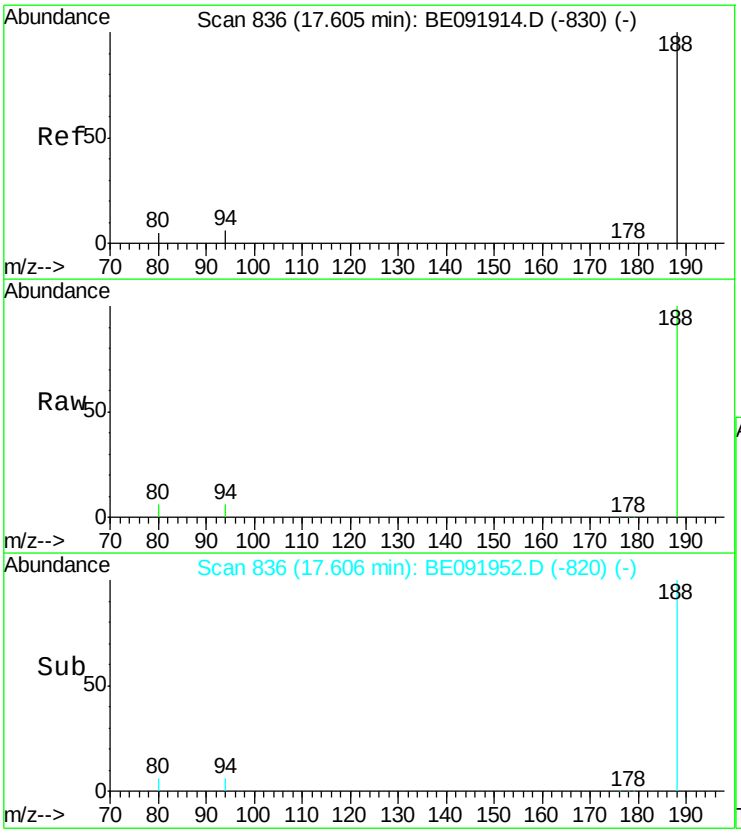
#23
4-Chlorophenyl-phenylether
Concen: 0.06 ng
RT: 15.55 min Scan# 716
Delta R.T. -0.35 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Instrument :
BNA_E
ClientSampleId :
NCHC-011

Tgt Ion:204 Resp: 1064

Ion	Ratio	Lower	Upper
204	100		
206	0.0	27.8	41.6#
141	510.3	197.6	296.4#

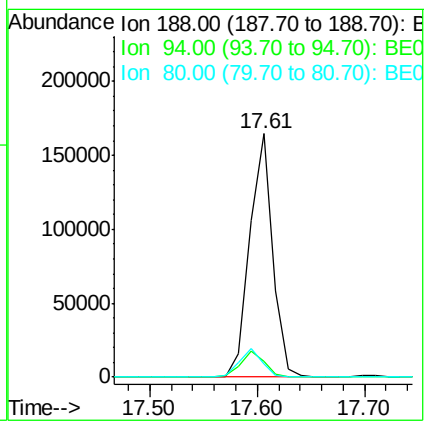


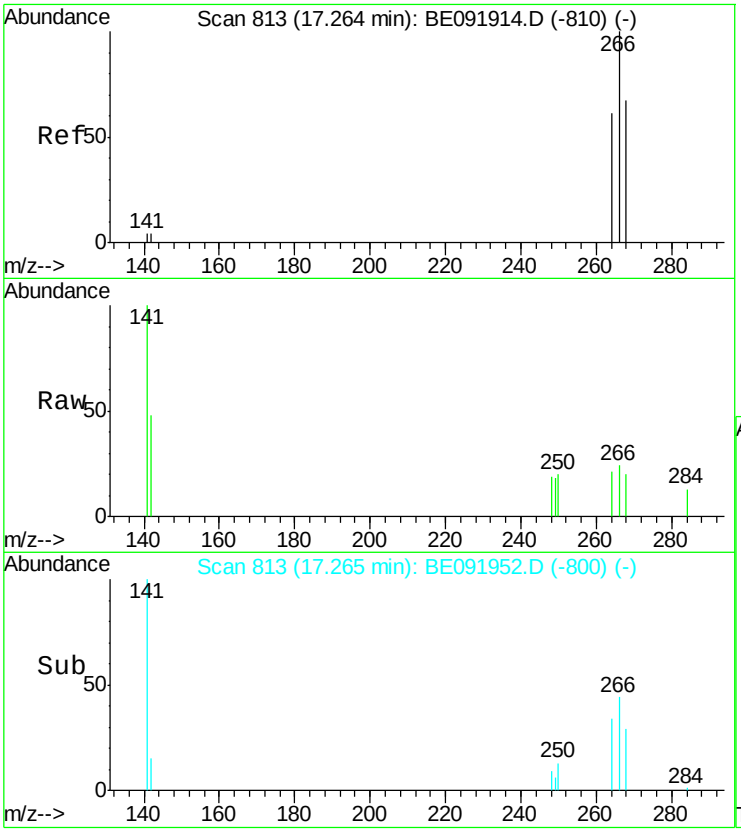


#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.61 min Scan# 836
Delta R.T. -0.00 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Tgt Ion:188 Resp: 245319

Ion	Ratio	Lower	Upper
188	100		
94	6.3	4.1	6.1#
80	5.6	3.4	5.2#



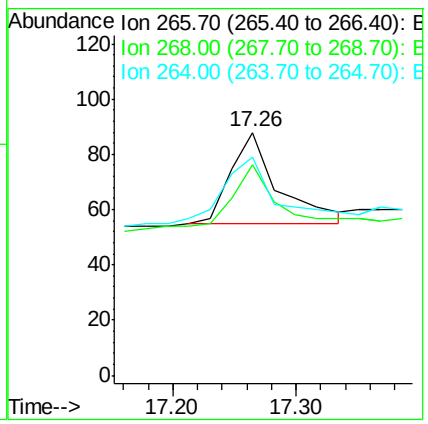


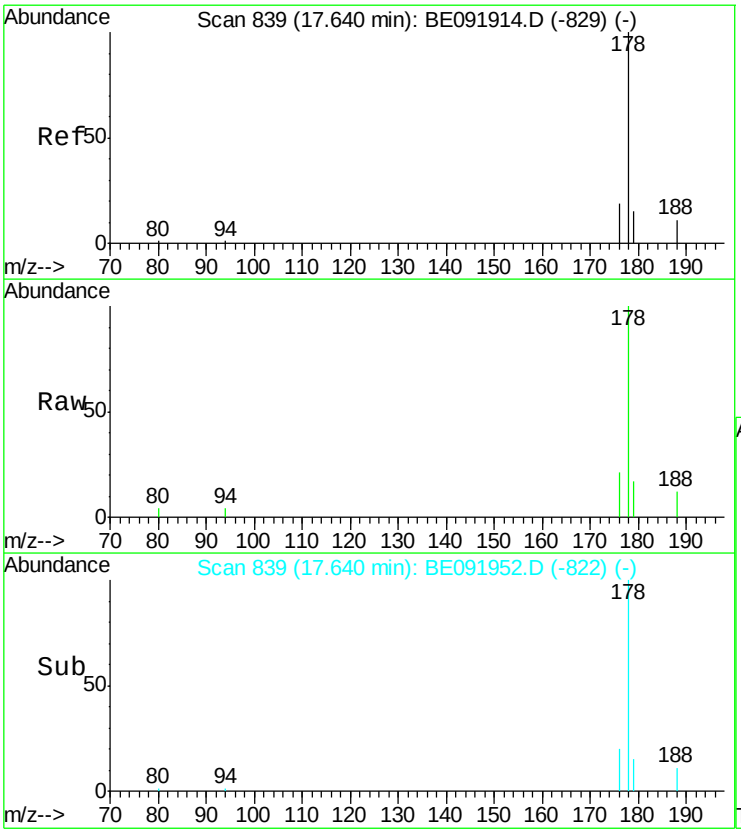
#27
Pentachlorophenol
Concen: 0.10 ng
RT: 17.26 min Scan# 813
Delta R.T. 0.02 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Instrument :
BNA_E
ClientSampleId :
NCHC-011

Tgt Ion:266 Resp: 89

Ion	Ratio	Lower	Upper
266	100		
268	86.4	60.5	90.7
264	89.8	51.0	76.4#

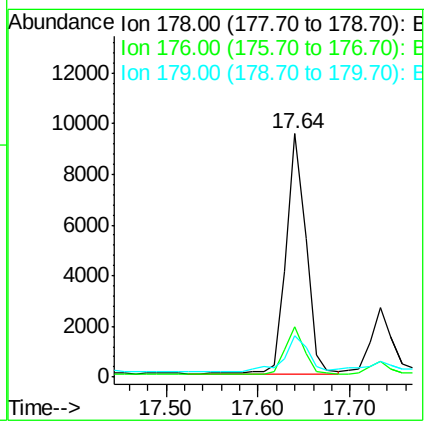


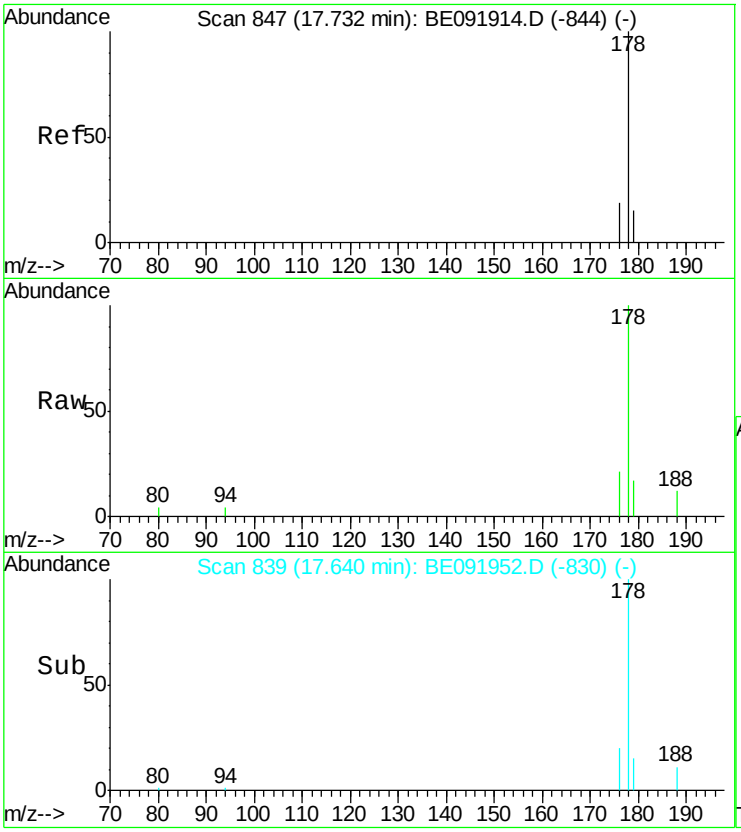


#28
Phenanthrene
Concen: 0.23 ng
RT: 17.64 min Scan# 839
Delta R.T. -0.00 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Tgt Ion:178 Resp: 14248

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	19.0	12.9	19.3



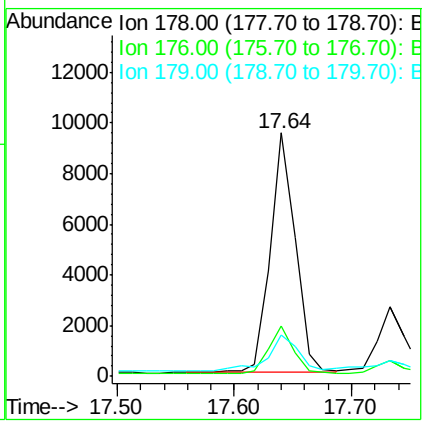


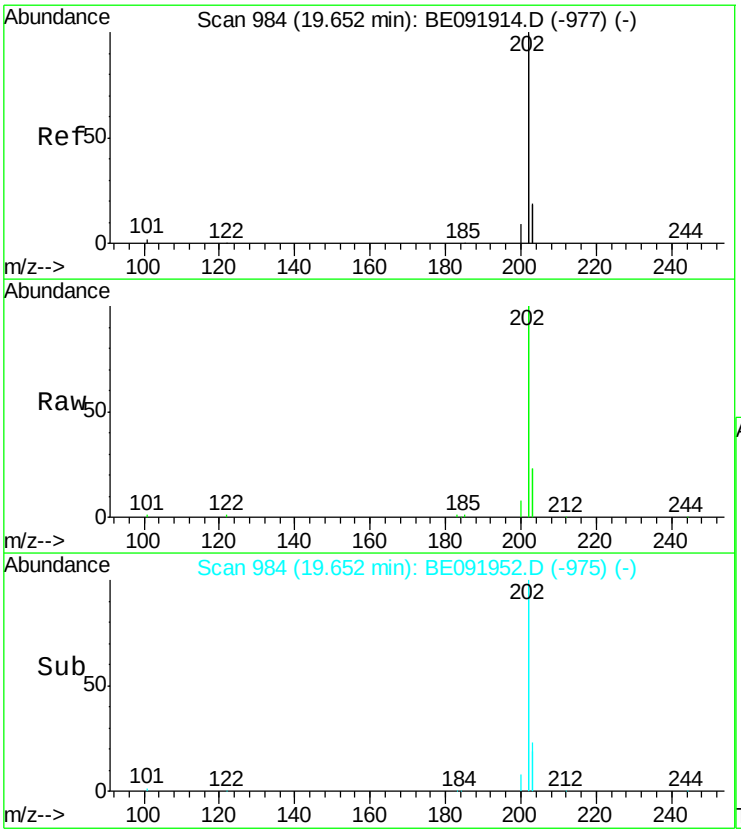
#29
Anthracene
Concen: 0.26 ng
RT: 17.64 min Scan# 839
Delta R.T. -0.09 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Instrument :
BNA_E
ClientSampleId :
NCHC-011

Tgt Ion:178 Resp: 14023

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	17.8	12.1	18.1

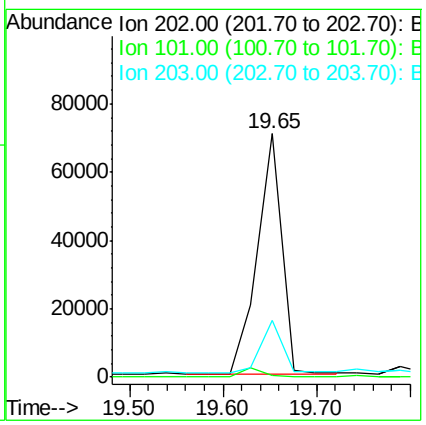


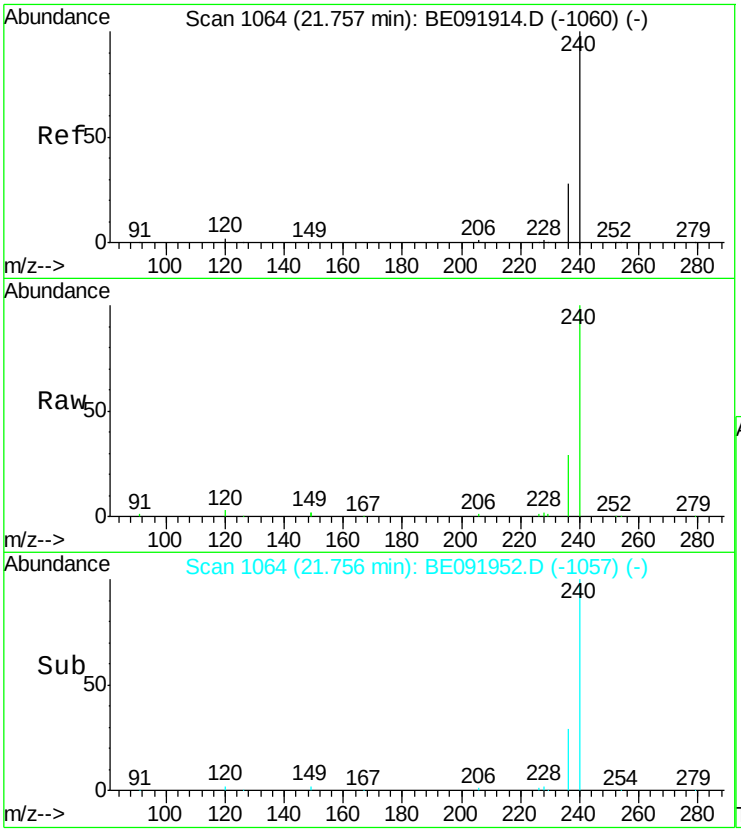


#30
Fluoranthene
Concen: 0.48 ng
RT: 19.65 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Tgt Ion:202 Resp: 126945

Ion	Ratio	Lower	Upper
202	100		
101	0.0	9.4	14.0#
203	18.7	14.3	21.5



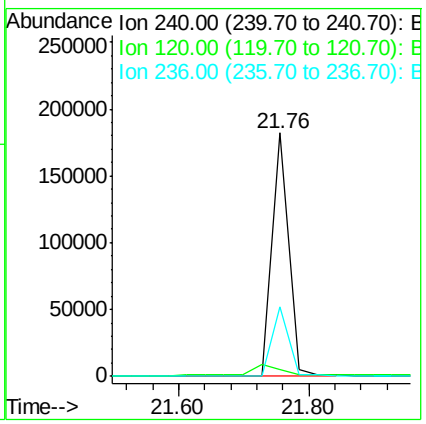


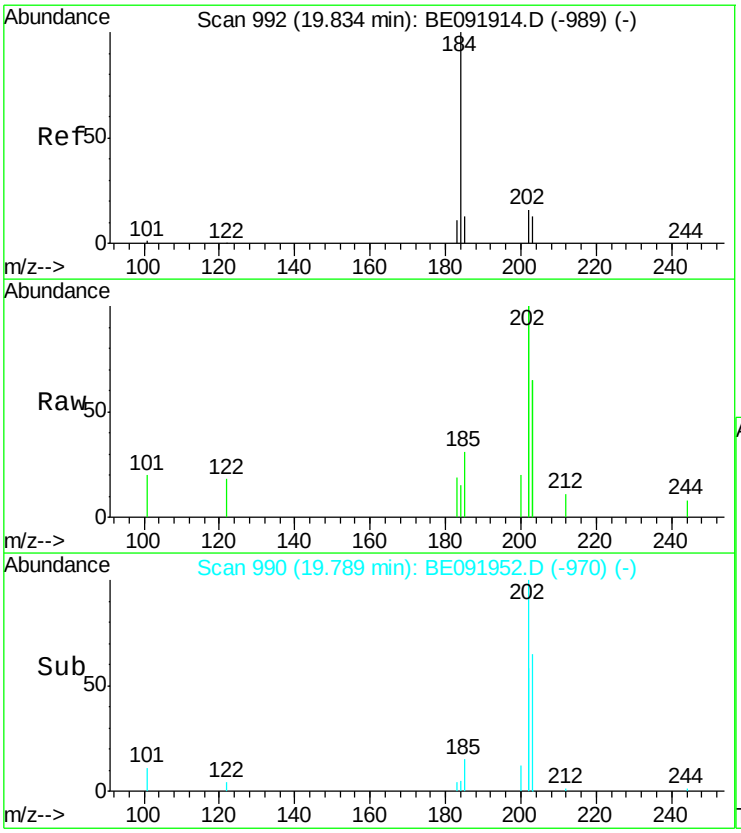
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Instrument :
BNA_E
ClientSampleId :
NCHC-011

Tgt Ion:240 Resp: 323132

Ion	Ratio	Lower	Upper
240	100		
120	2.6	1.2	1.8#
236	28.8	19.8	29.8

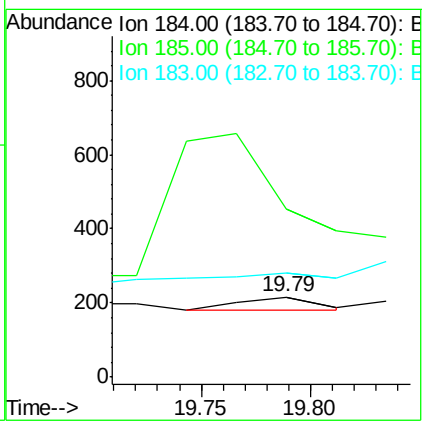


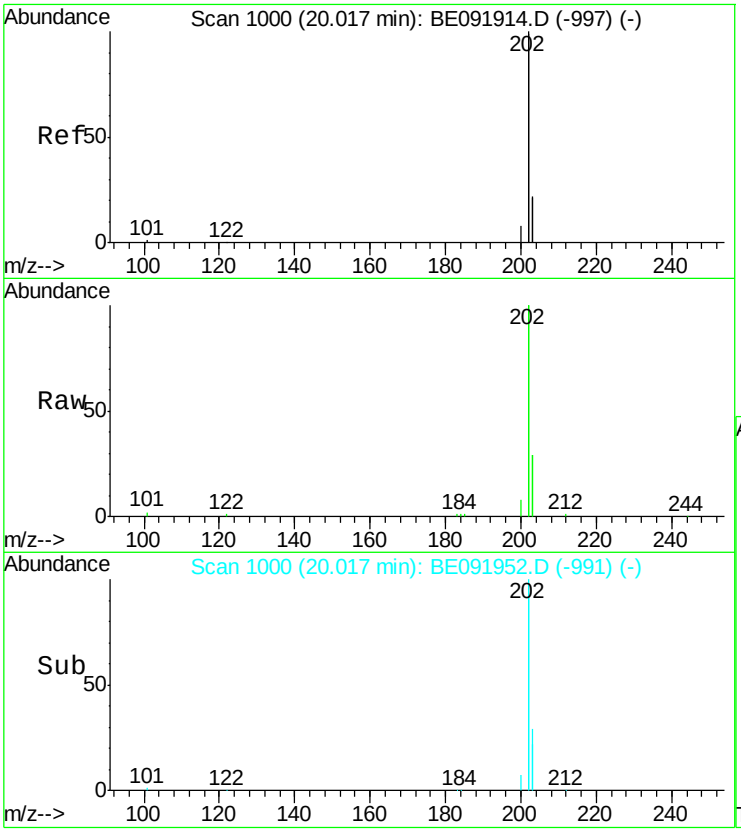


#32
Benzidine
Concen: 0.10 ng
RT: 19.79 min Scan# 990
Delta R.T. -0.04 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Tgt Ion:184 Resp: 85

Ion	Ratio	Lower	Upper
184	100		
185	209.3	11.4	17.2#
183	130.6	11.8	17.6#



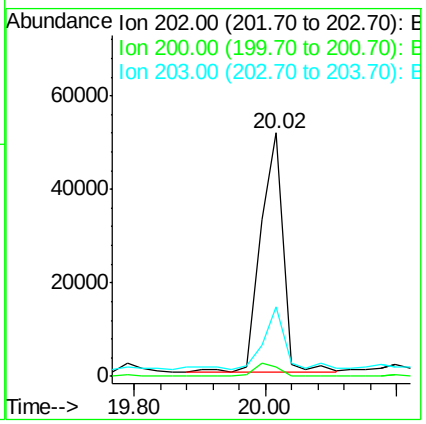


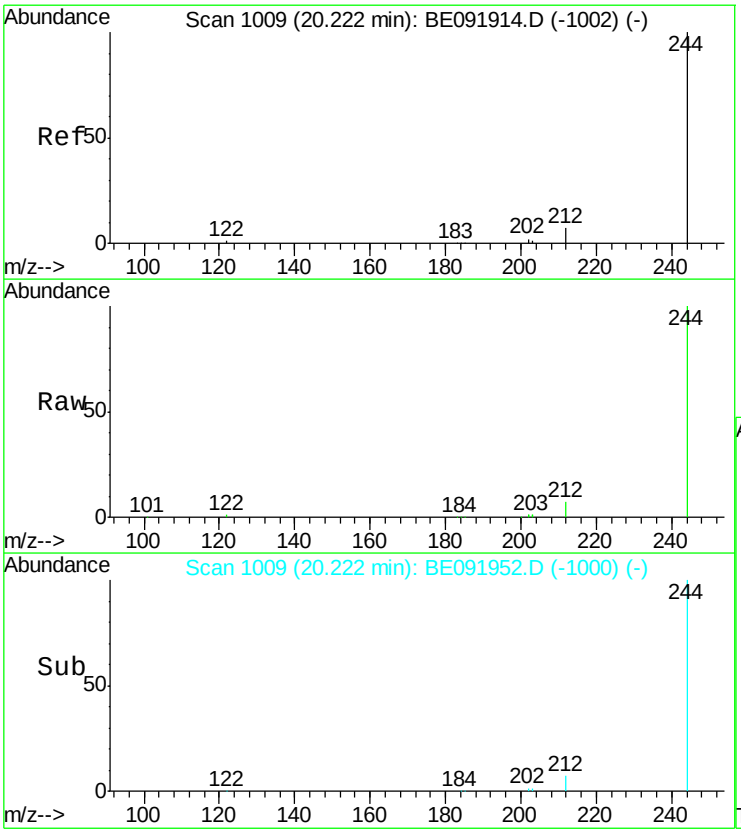
#33
Pyrene
Concen: 0.55 ng
RT: 20.02 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Instrument :
BNA_E
ClientSampleId :
NCHC-011

Tgt Ion:202 Resp: 121856

Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.9	25.3#
203	25.4	14.1	21.1#

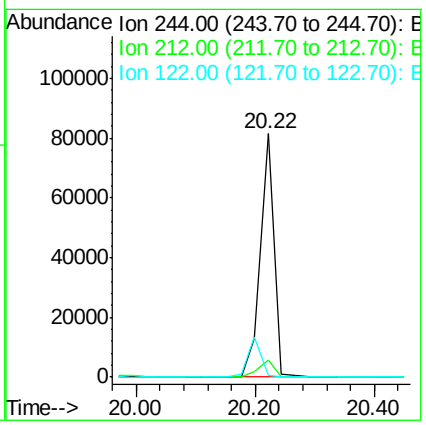


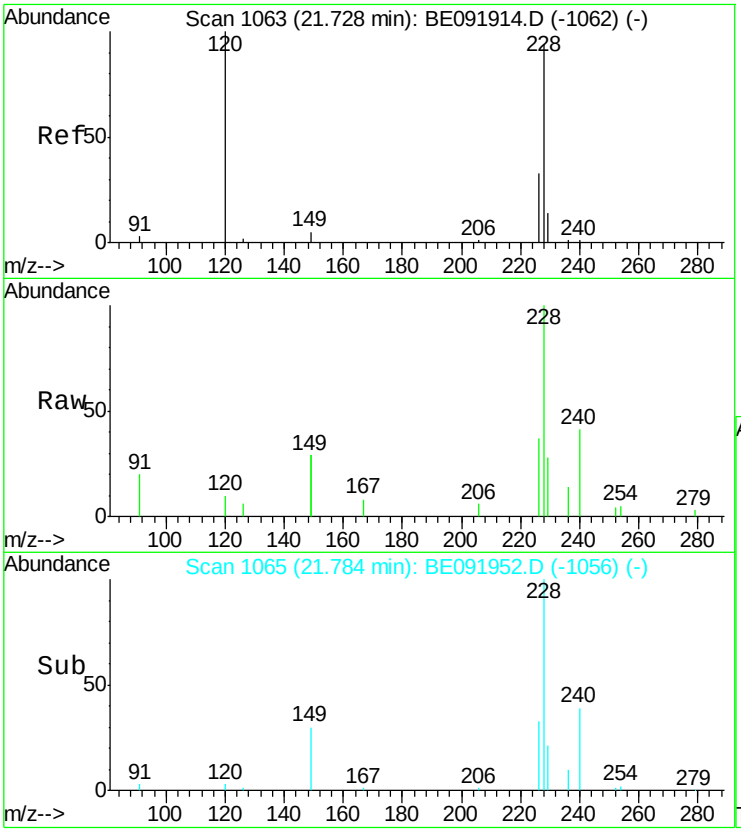


#34
Terphenyl-d14
Concen: 3.31 ng
RT: 20.22 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Tgt Ion:244 Resp: 130960

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.5	9.7
122	0.7	2.9	4.3#



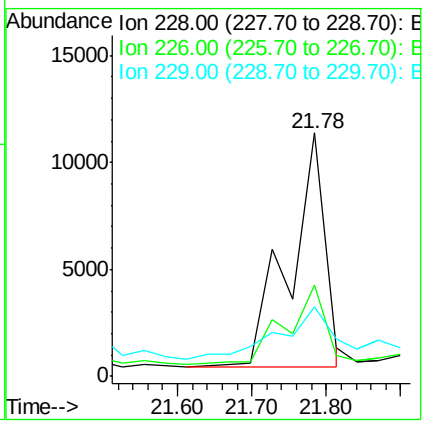


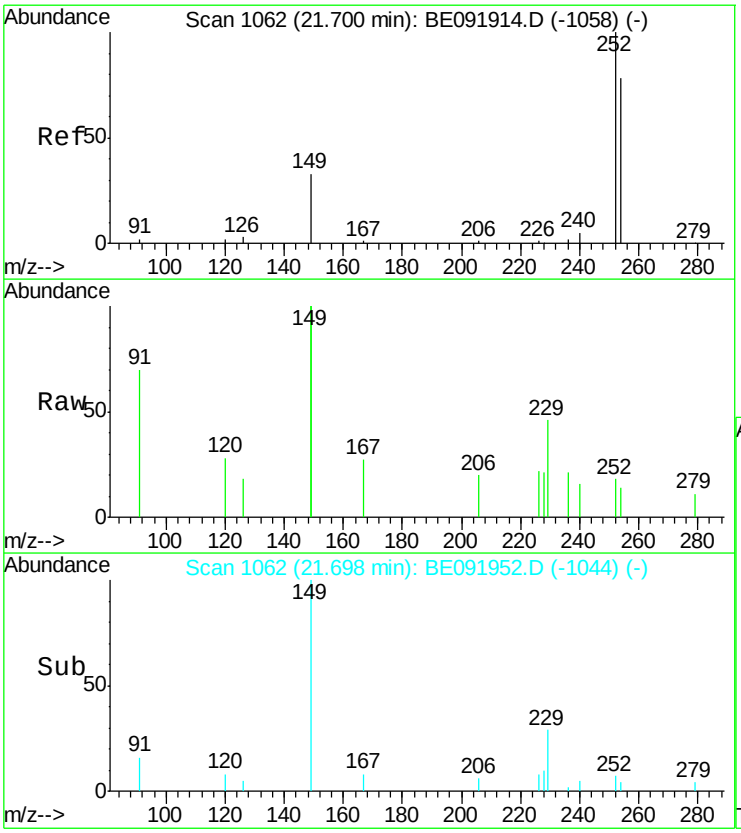
#35
Benzo(a)anthracene
Concen: 0.71 ng
RT: 21.78 min Scan# 1065
Delta R.T. 0.06 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Instrument :
BNA_E
ClientSampleId :
NCHC-011

Tgt Ion:228 Resp: 36063

Ion	Ratio	Lower	Upper
228	100		
226	37.4	21.0	31.4#
229	28.4	15.8	23.8#

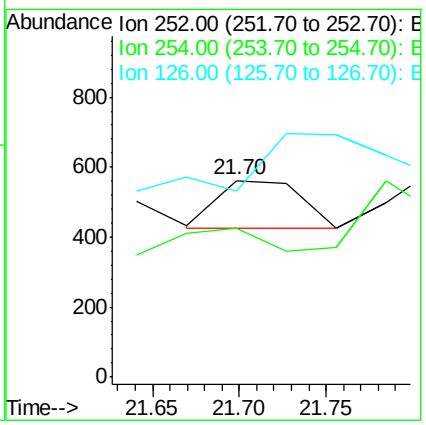


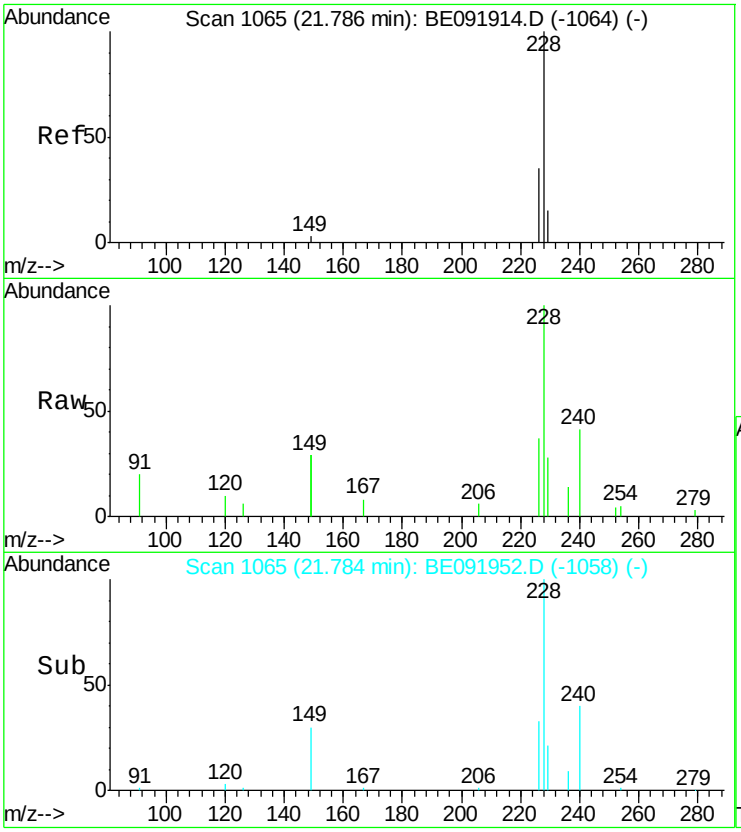


#36
3,3'-Dichlorobenzidine
Concen: 0.05 ng
RT: 21.70 min Scan# 1062
Delta R.T. 0.03 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Tgt Ion:252 Resp: 450

Ion	Ratio	Lower	Upper
252	100		
254	75.8	61.5	92.3
126	95.0	2.5	3.7#



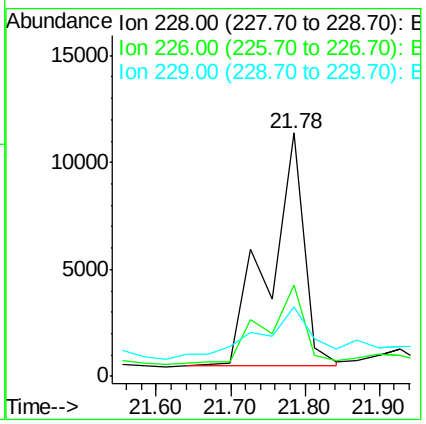


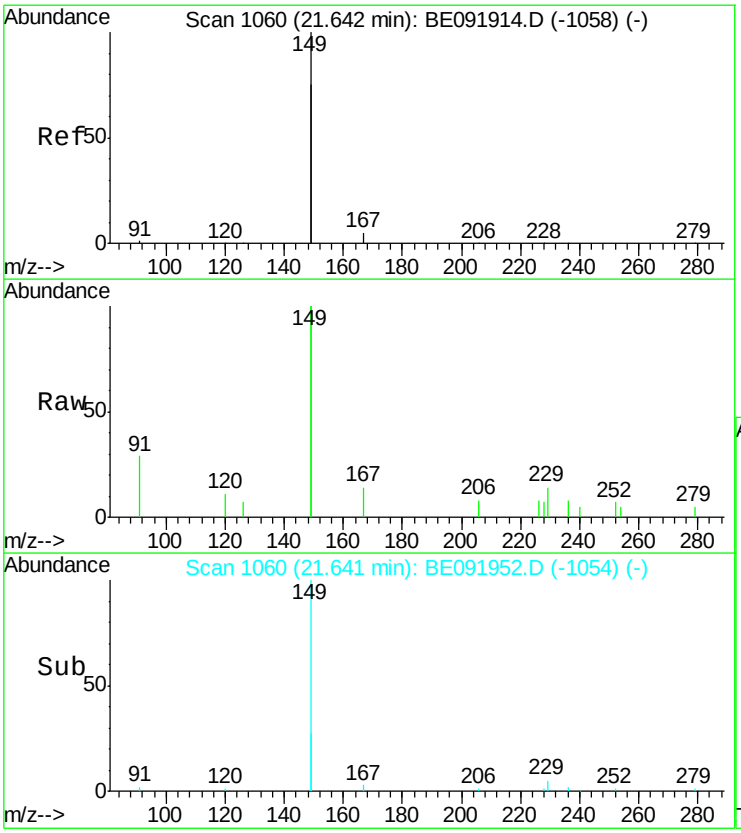
#37
Chrysene
Concen: 0.48 ng
RT: 21.78 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Instrument :
BNA_E
ClientSampleId :
NCHC-011

Tgt Ion:228 Resp: 35385

Ion	Ratio	Lower	Upper
228	100		
226	37.4	27.0	40.6
229	28.4	13.8	20.8#

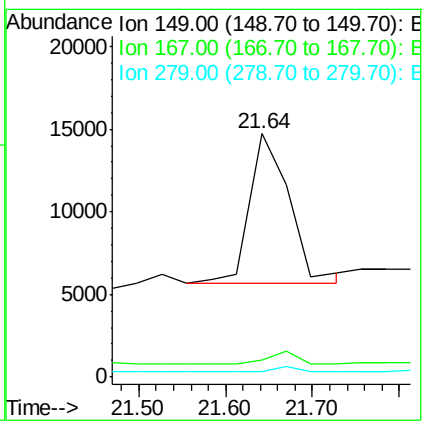


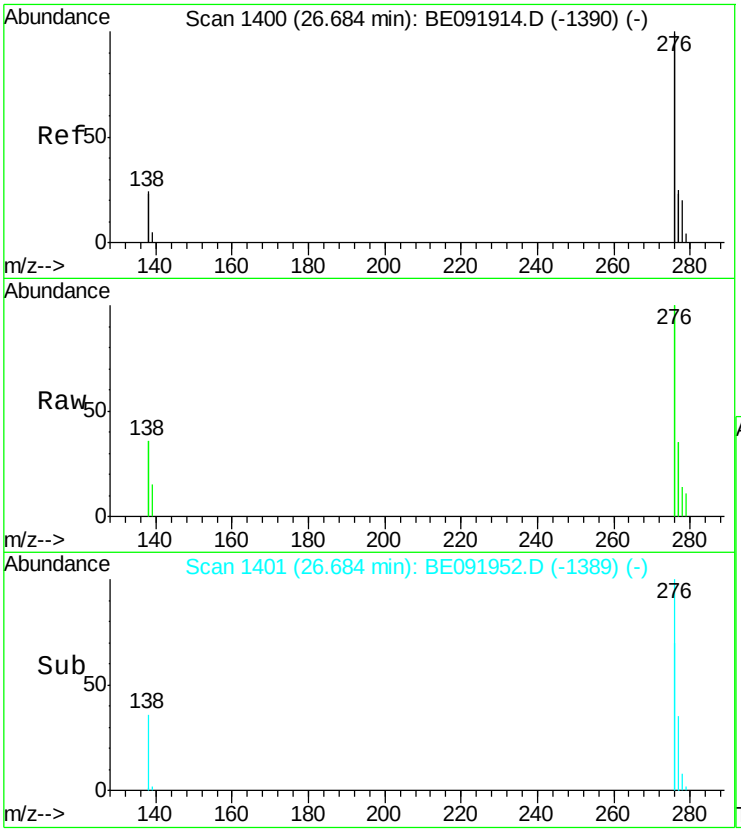


#38
Bis(2-ethylhexyl)phthalate
Concen: 0.94 ng
RT: 21.64 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Tgt Ion:149 Resp: 28823

Ion	Ratio	Lower	Upper
149	100		
167	0.0	0.0	0.0
279	0.0	0.0	0.0



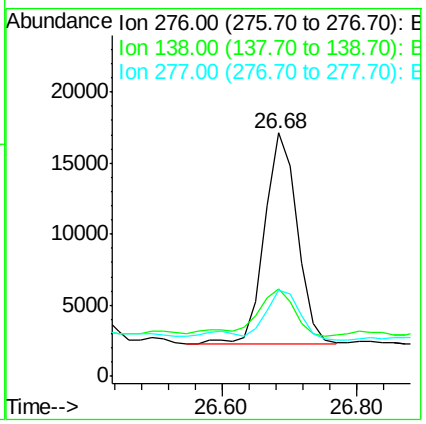


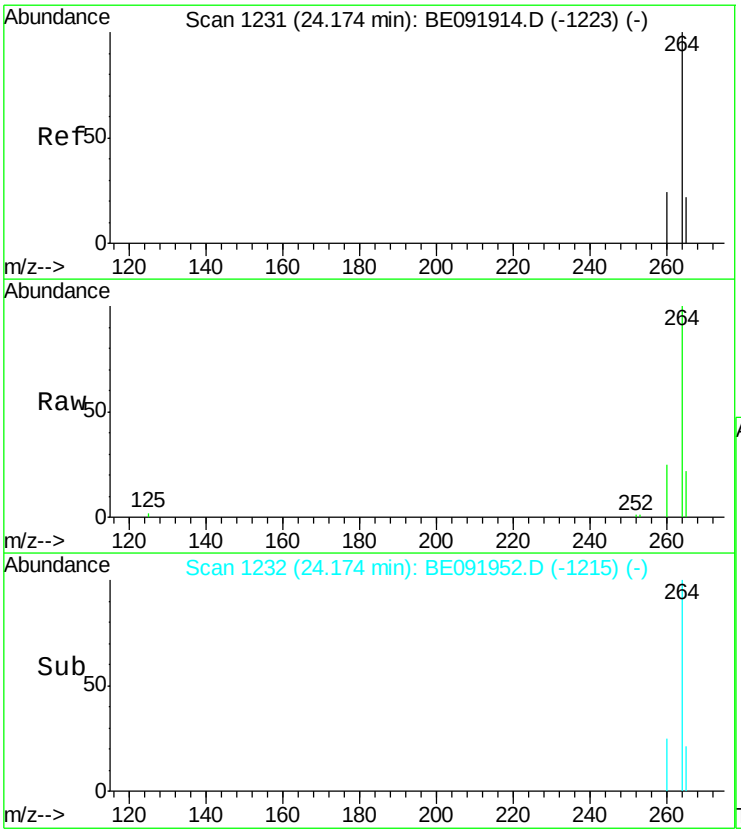
#39
Indeno(1,2,3-cd)pyrene
Concen: 0.20 ng
RT: 26.68 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Instrument :
BNA_E
ClientSampleId :
NCHC-011

Tgt Ion:276 Resp: 49821

Ion	Ratio	Lower	Upper
276	100		
138	26.9	19.7	29.5
277	24.1	20.1	30.1

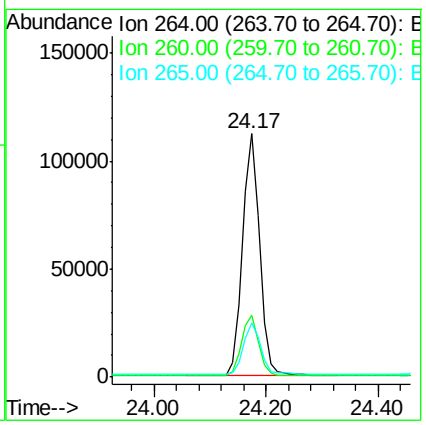


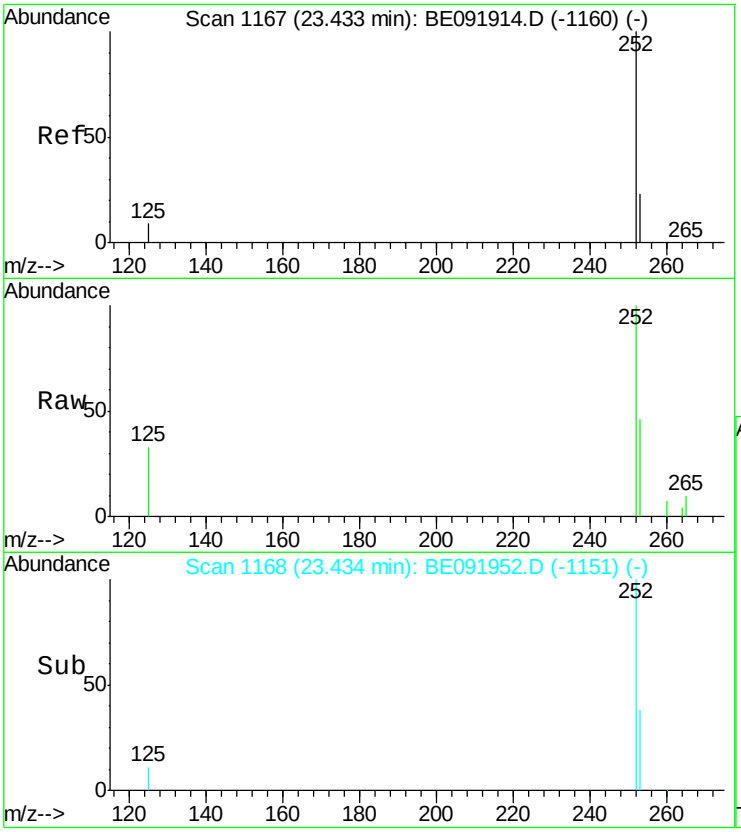


#40
Perylene-d12
Concen: 5.00 ng
RT: 24.17 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Tgt Ion:264 Resp: 242042

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.3	30.5
265	22.2	17.6	26.4



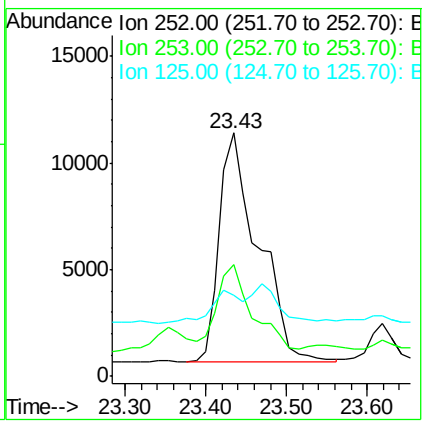


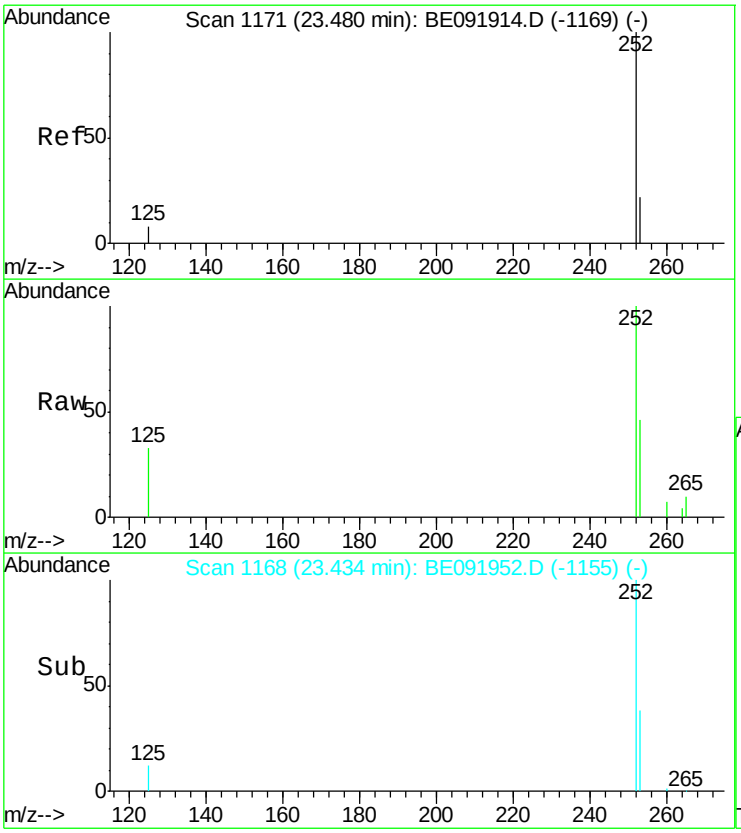
#41
Benzo(b)fluoranthene
Concen: 0.58 ng
RT: 23.43 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Instrument :
BNA_E
ClientSampleId :
NCHC-011

Tgt Ion:252 Resp: 35762

Ion	Ratio	Lower	Upper
252	100		
253	46.1	17.8	26.6#
125	33.2	9.4	14.2#

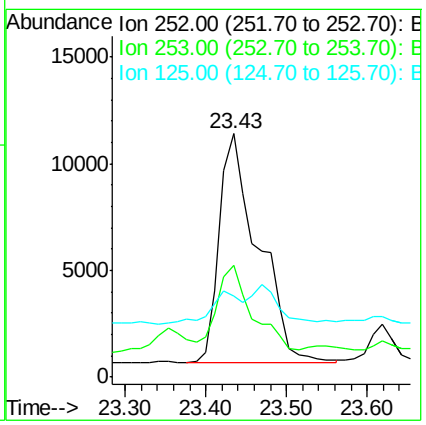


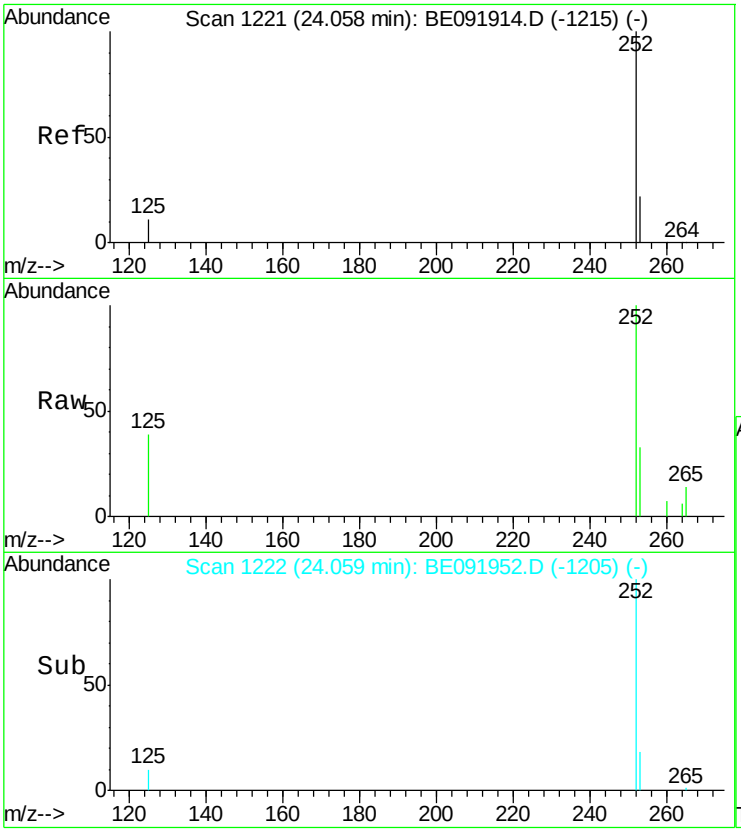


#42
Benzo(k)fluoranthene
Concen: 0.63 ng
RT: 23.43 min Scan# 1168
Delta R.T. -0.05 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Tgt Ion:252 Resp: 35762

Ion	Ratio	Lower	Upper
252	100		
253	46.1	19.4	29.2#
125	33.2	8.3	12.5#



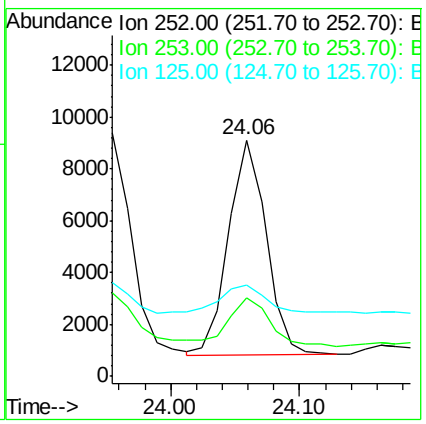


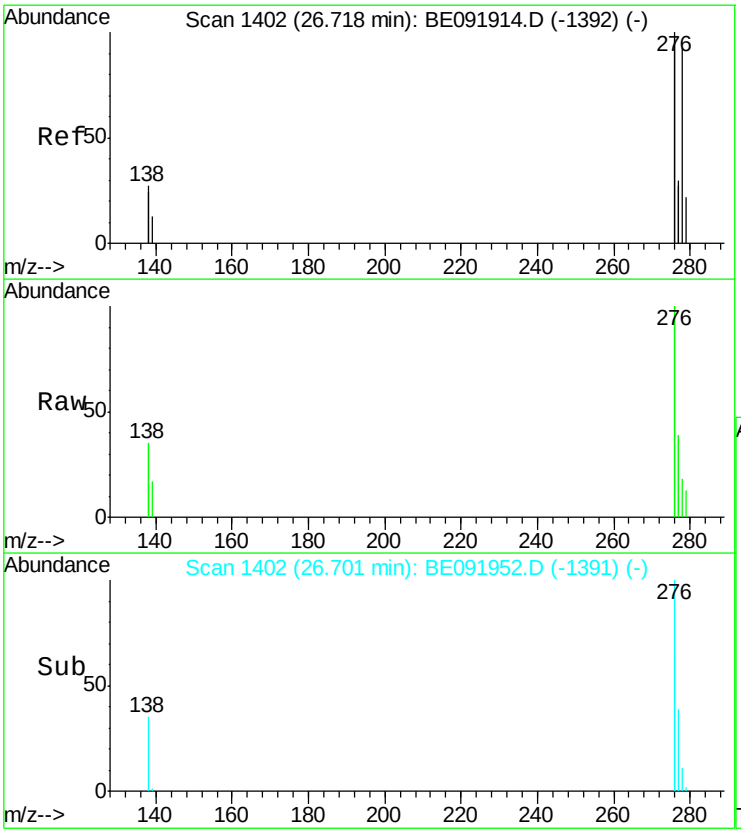
#43
Benzo(a)pyrene
Concen: 0.31 ng
RT: 24.06 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Instrument :
BNA_E
ClientSampleId :
NCHC-011

Tgt Ion:252 Resp: 16955

Ion	Ratio	Lower	Upper
252	100		
253	33.3	18.9	28.3#
125	38.8	10.5	15.7#

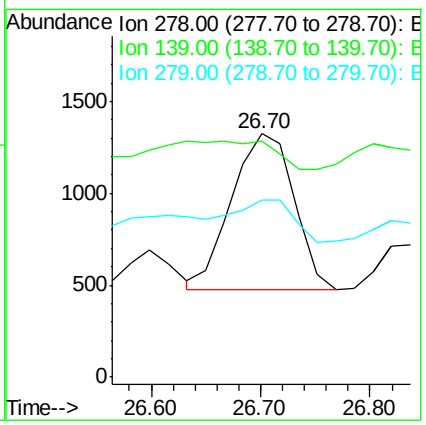


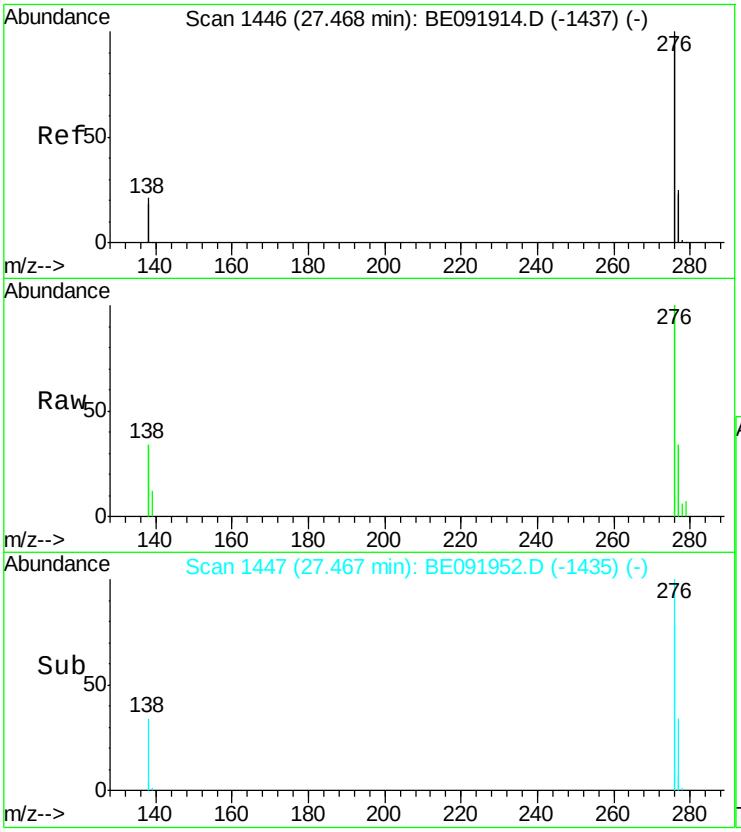


#44
Dibenzo(a,h)anthracene
Concen: 0.06 ng
RT: 26.70 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Tgt Ion:278 Resp: 3358

Ion	Ratio	Lower	Upper
278	100		
139	97.0	12.6	18.8#
279	72.9	20.0	30.0#





#45
Benzo(g,h,i)perylene
Concen: 0.28 ng
RT: 27.47 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BE091952.D
Acq: 24 Jun 2016 18:35

Instrument :
BNA_E
ClientSampleId :
NCHC-011

Tgt Ion:276 Resp: 61433

Ion	Ratio	Lower	Upper
276	100		
277	34.0	19.5	29.3#
138	33.6	17.7	26.5#