Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040417\
Data File : BE092886.D
Acq On : 4 Apr 2017 15:58
Operator : SJ/MA
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : ICVBE040417

Quant Time: Apr 04 16:37:50 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 04 16:34:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	8366	5.00	ng		-0.02
7) Naphthalene-d8	10.54	136	36405	5.00	ng		0.00
12) Acenaphthene-d10	14.38	164	17942	5.00	ng		-0.02
18) Phenanthrene-d10	17.13	188	42879	5.00	ng		-0.02
24) Chrysene-d12	21.28	240	48715	5.00	ng		-0.02
31) Perylene-d12	23.70	264	41005	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	674	0.40	ng		0.00
5) Phenol-d6	6.95	99	934	0.39	ng		0.00
8) Nitrobenzene-d5	8.90	82	867	0.42	ng		-0.02
13) 2,4,6-Tribromophenol	15.87	330	85	0.37	ng		-0.01
14) 2-Fluorobiphenyl	13.02	172	2387	0.39	ng		-0.01
26) Terphenyl-d14	19.74	244	2880	0.38	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	458	0.41	ng		90
3) n-Nitrosodimethylamine	3.61	42	444	0.39	ng	#	84
6) bis(2-Chloroethyl)ether	7.20	93	1060	0.39	ng	#	50
9) Naphthalene	10.58	128	3221	0.40	ng		99
10) Hexachlorobutadiene	10.89	225	431	0.40	ng		99
11) 2-Methylnaphthalene	12.21	142	1956	0.39	ng	#	85
15) Acenaphthylene	14.09	152	9374	0.37	ng		100
16) Acenaphthene	14.45	154	2006	0.38	ng		98
17) Fluorene	15.44	166	2178	0.38	ng		98
19) Hexachlorobenzene	16.47	284	623	0.38	ng	#	65
20) Pentachlorophenol	16.79	266	117	0.43	ng	#	90
21) Phenanthrene	17.18	178	4448	0.39	ng	#	94
22) Anthracene	17.27	178	3337	0.36	ng		99
23) Fluoranthene	19.16	202	15424	0.37	ng		99
25) Pyrene	19.54	202	16544	0.38	ng		99
27) Benzo(a)anthracene	21.26	228	3705	0.35	ng	#	94
28) Chrysene	21.31	228	4999	0.41	ng	#	76
29) Bis(2-ethylhexyl)phthalate	21.21	149	869	0.44	ng	#	74
30) Indeno(1,2,3-cd)pyrene	26.24	276	14460	0.36	ng	#	93
32) Benzo(b)fluoranthene	22.96	252	3741	0.37	ng		97
33) Benzo(k)fluoranthene	23.01	252	3326m	0.36	ng		
34) Benzo(a)pyrene	23.59	252	2725	0.35	ng	#	97
35) Dibenzo(a,h)anthracene	26.25	278	3215	0.36	ng	#	93
36) Benzo(g,h,i)perylene	27.00	276	13542	0.37	ng	#	93

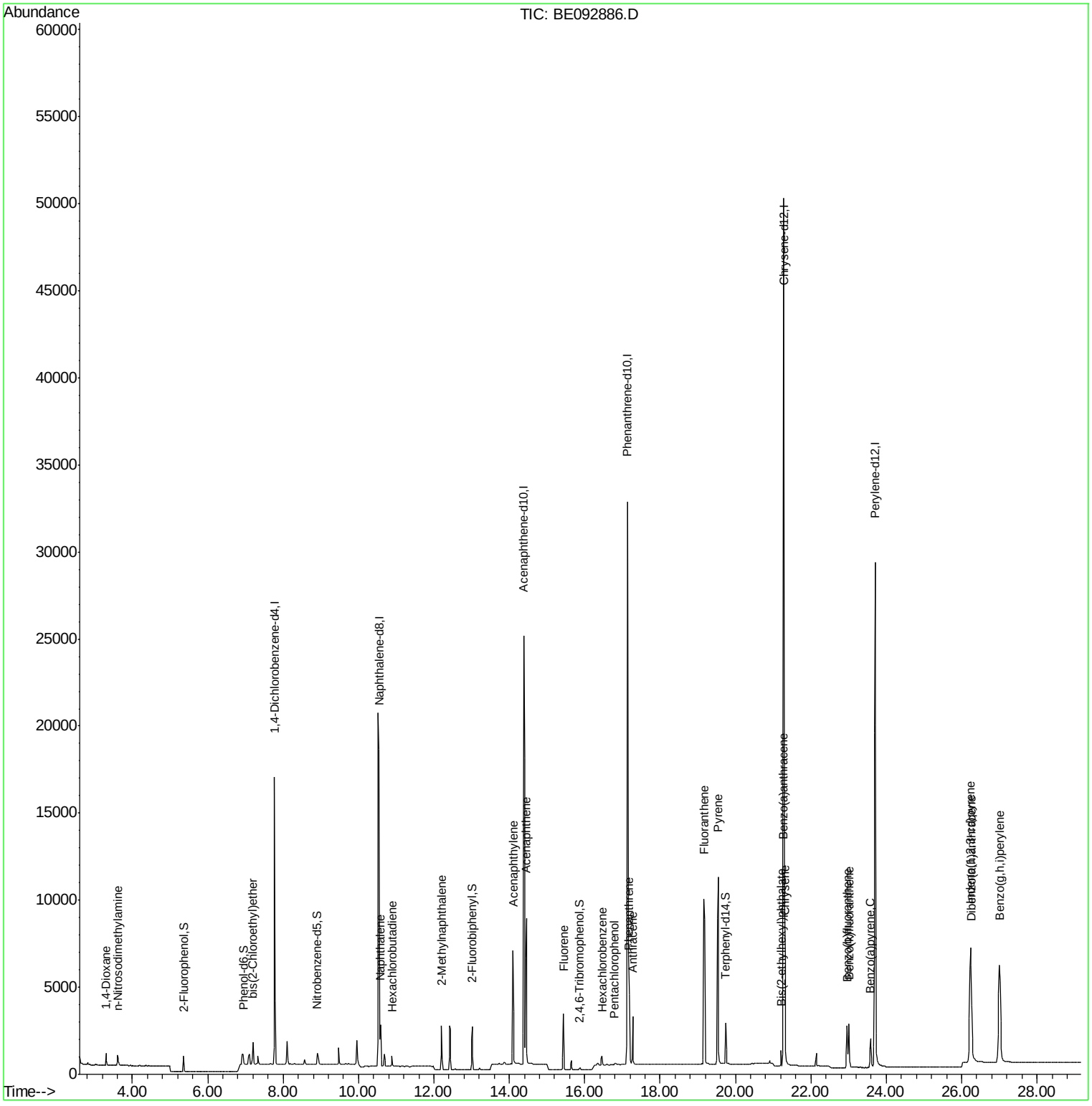
(#) = qualifier out of range (m) = manual integration (+) = signals summed

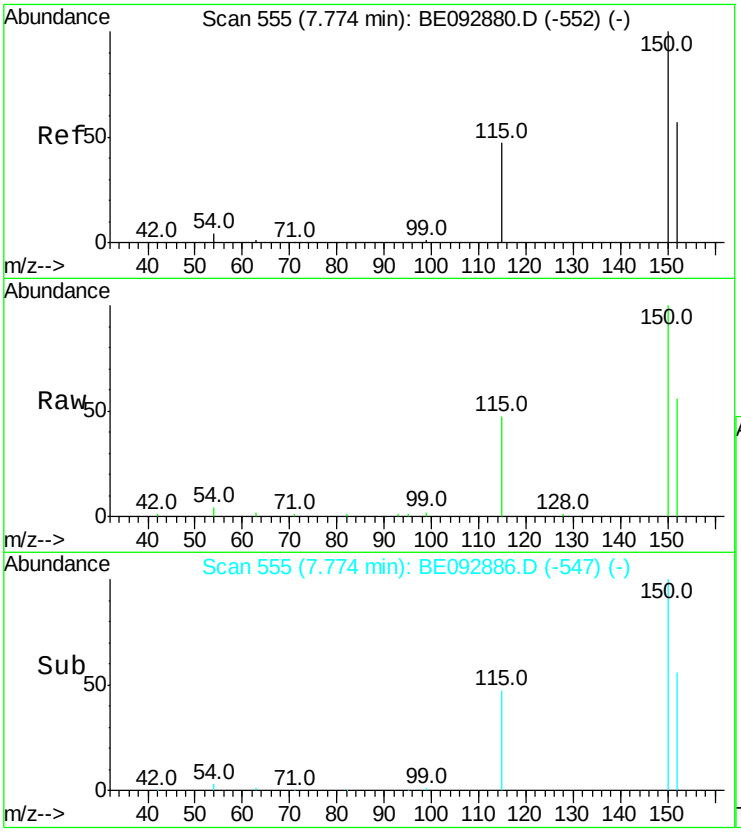
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040417\
Data File : BE092886.D
Acq On : 4 Apr 2017 15:58
Operator : SJ/MA
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
ICVBE040417

Quant Time: Apr 04 16:37:50 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 04 16:34:01 2017
Response via : Initial Calibration



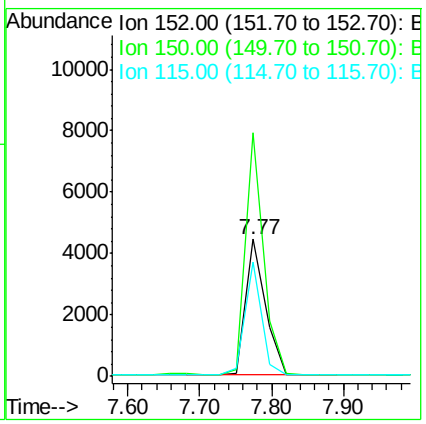


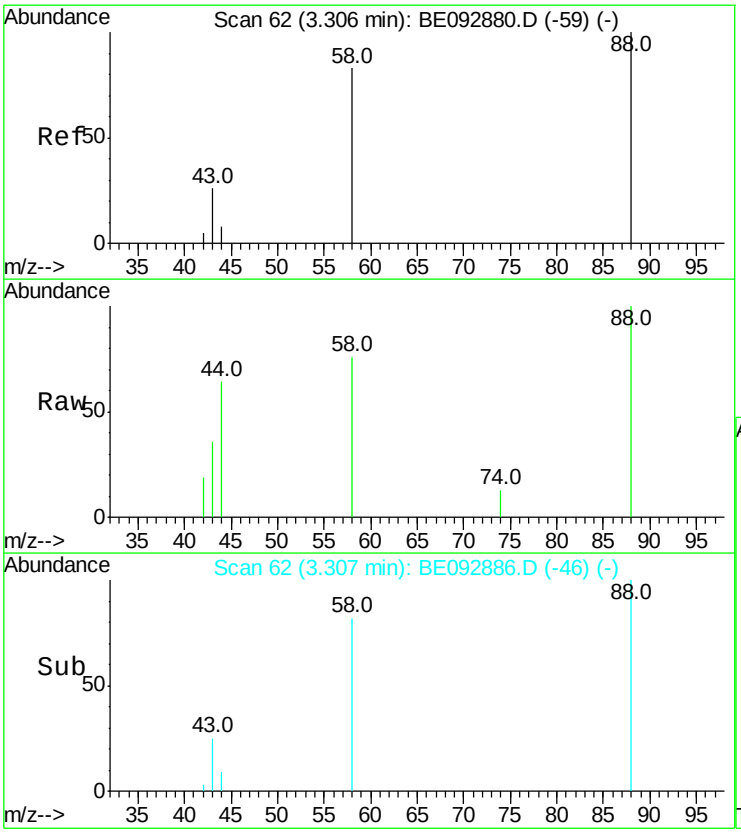
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.77 min Scan# 555
Delta R.T. -0.02 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Instrument :
BNA_E
ClientSampleId :
ICVBE040417

Tgt Ion:152 Resp: 8366

Ion	Ratio	Lower	Upper
152	100		
150	177.4	106.0	159.0#
115	83.6	31.2	46.8#

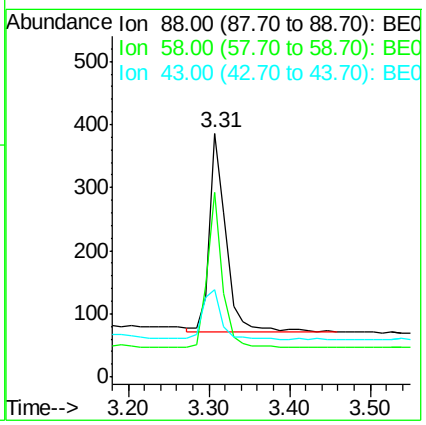


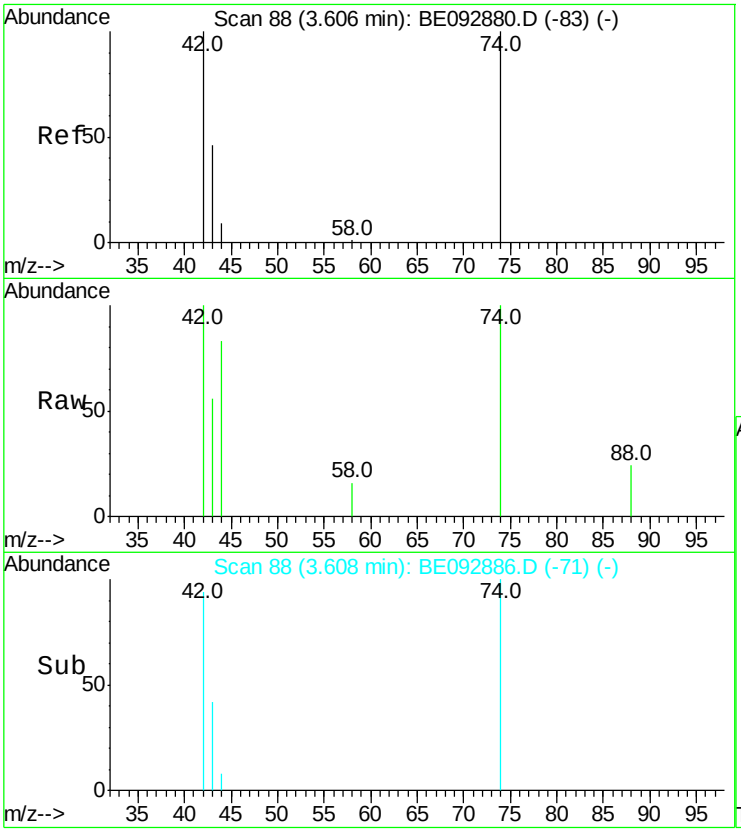


#2
1,4-Dioxane
Concen: 0.41 ng
RT: 3.31 min Scan# 62
Delta R.T. -0.01 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Tgt Ion: 88 Resp: 458

Ion	Ratio	Lower	Upper
88	100		
58	71.6	63.6	95.4
43	28.4	28.0	42.0



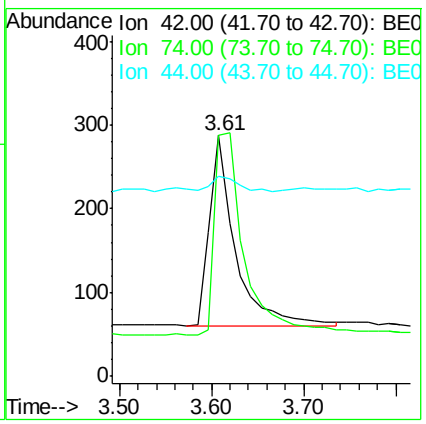


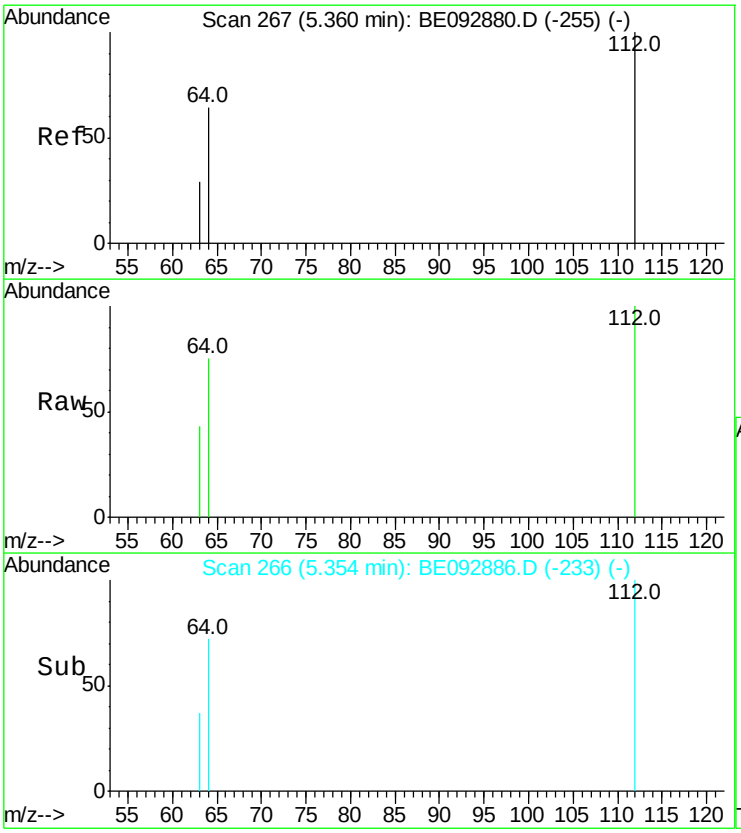
#3
n-Nitrosodimethylamine
Concen: 0.39 ng
RT: 3.61 min Scan# 88
Delta R.T. 0.00 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Instrument :
BNA_E
ClientSampleId :
ICVBE040417

Tgt Ion: 42 Resp: 444

Ion	Ratio	Lower	Upper
42	100		
74	124.3	86.0	129.0
44	8.6	5.1	7.7#

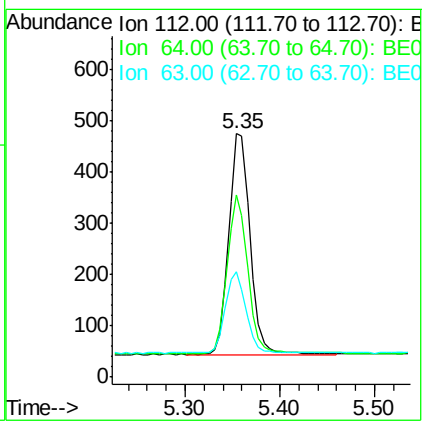


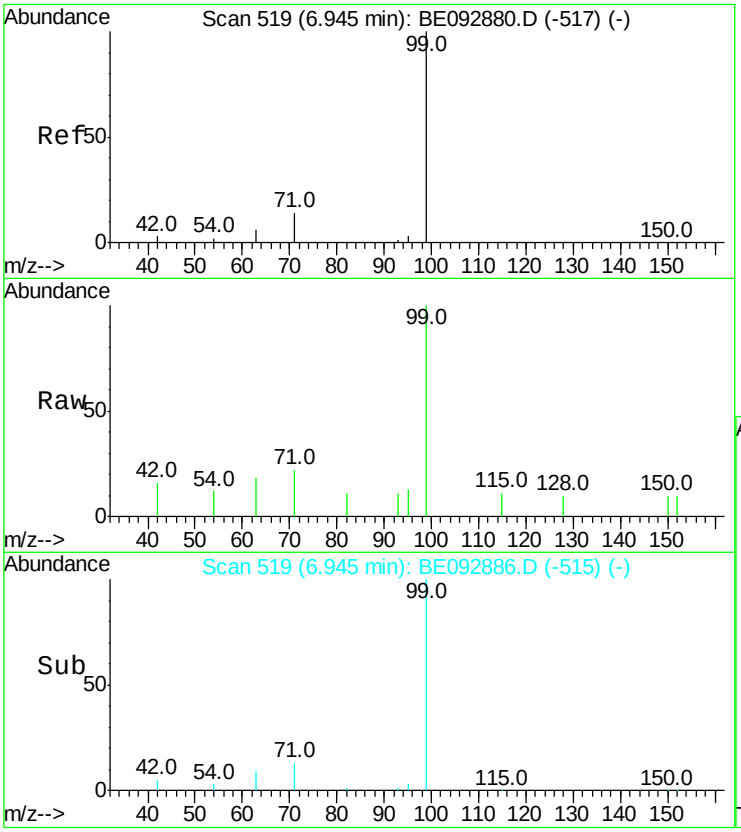


#4
2-Fluorophenol
Concen: 0.40 ng
RT: 5.35 min Scan# 266
Delta R.T. -0.01 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Tgt Ion:112 Resp: 674

Ion	Ratio	Lower	Upper
112	100		
64	69.1	53.5	80.3
63	34.9	27.9	41.9



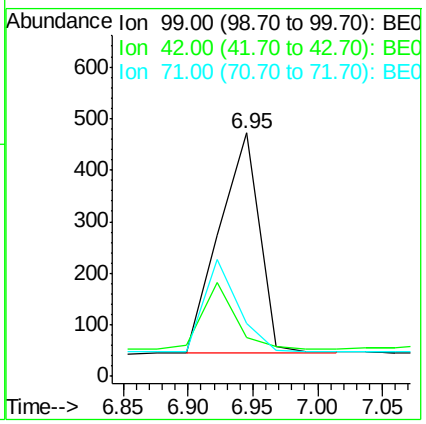


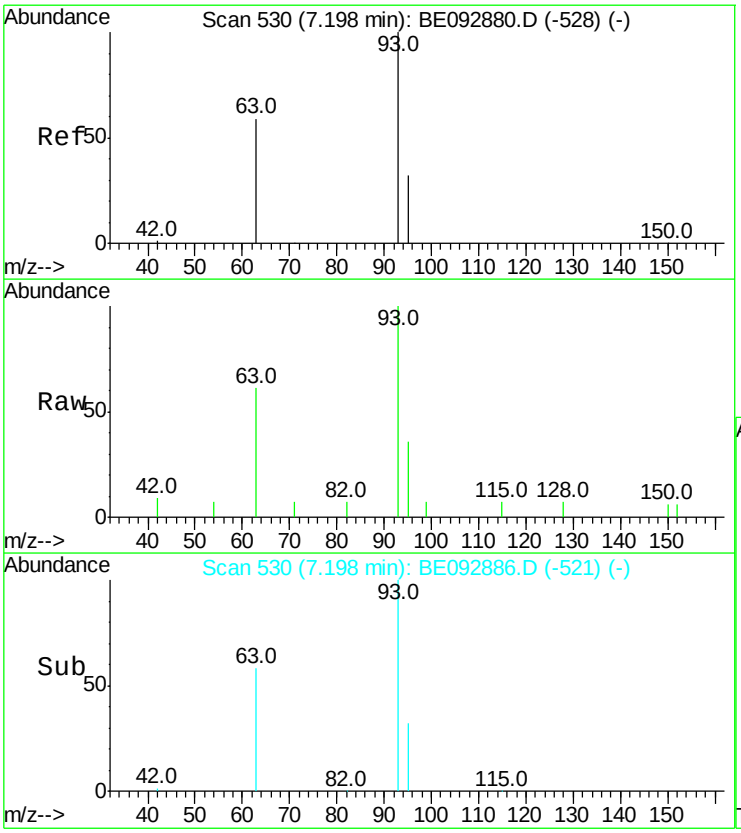
#5
Phenol-d6
Concen: 0.39 ng
RT: 6.95 min Scan# 519
Delta R.T. 0.00 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Instrument :
BNA_E
ClientSampleId :
ICVBE040417

Tgt Ion: 99 Resp: 934

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	0.0	30.6	45.8#

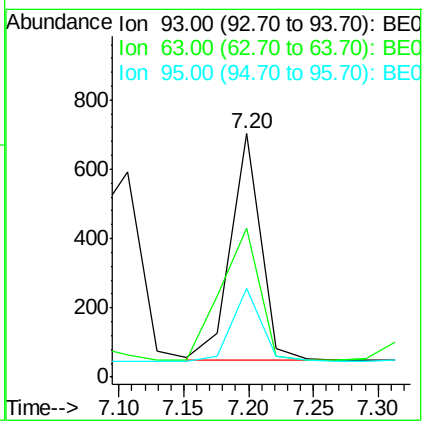


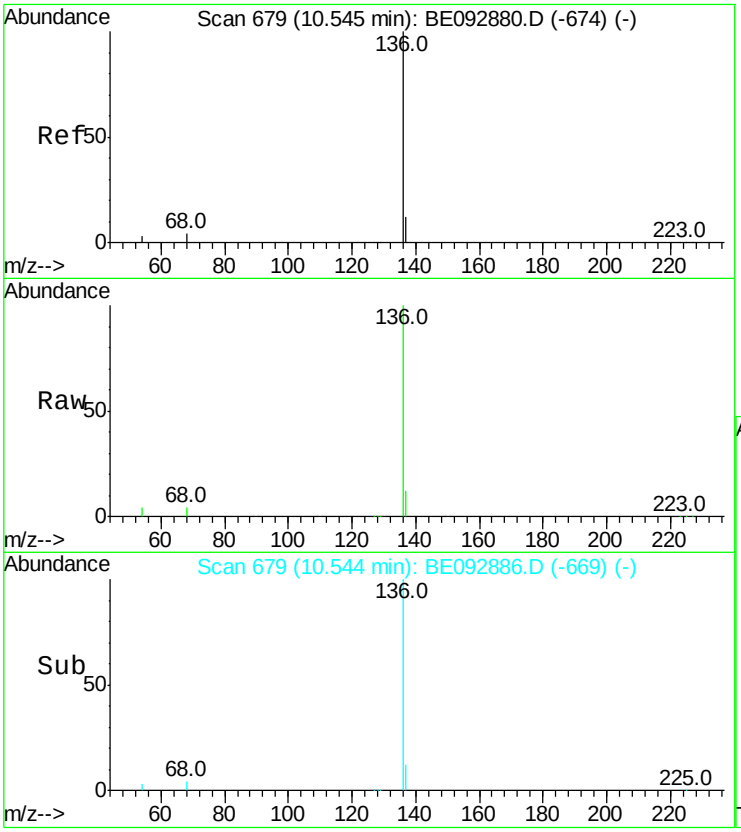


#6
bis(2-Chloroethyl)ether
Concen: 0.39 ng
RT: 7.20 min Scan# 530
Delta R.T. 0.00 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Tgt Ion: 93 Resp: 1060

Ion	Ratio	Lower	Upper
93	100		
63	75.7	16.0	24.0#
95	31.8	24.0	36.0



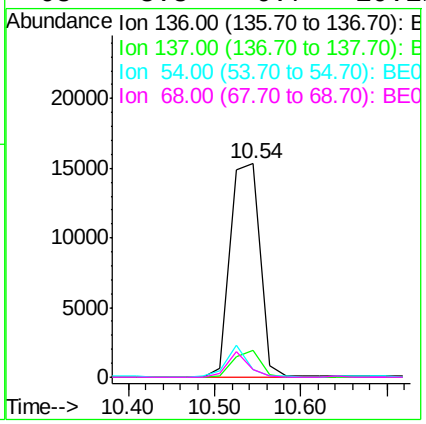


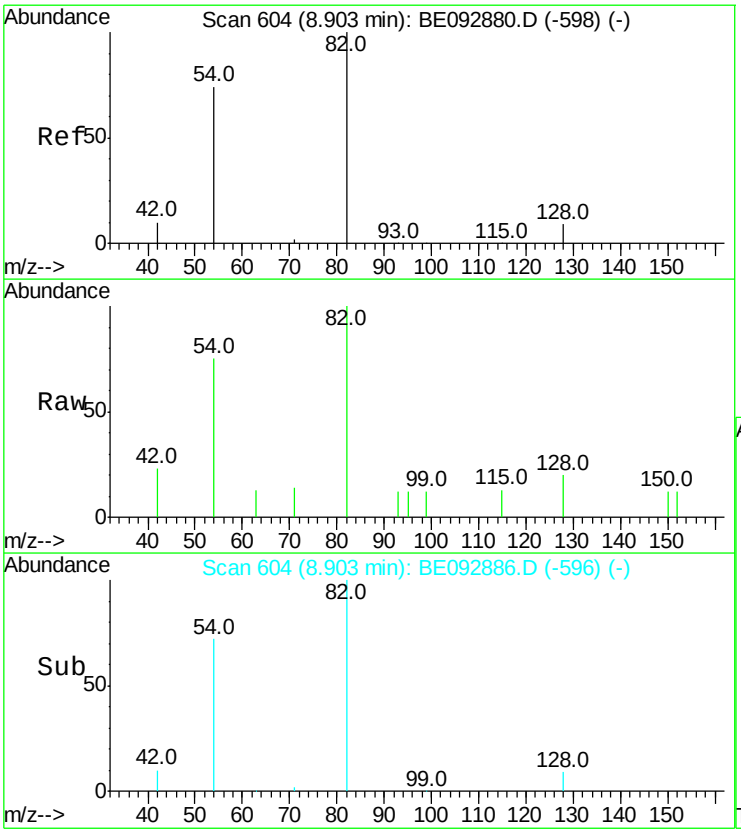
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.54 min Scan# 679
Delta R.T. -0.00 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Instrument :
BNA_E
ClientSampleId :
ICVBE040417

Tgt Ion:136 Resp: 36405

Ion	Ratio	Lower	Upper
136	100		
137	12.5	8.2	12.4#
54	3.5	9.6	14.4#
68	3.8	6.7	10.1#

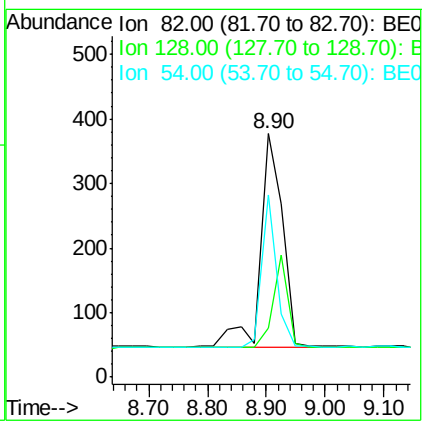


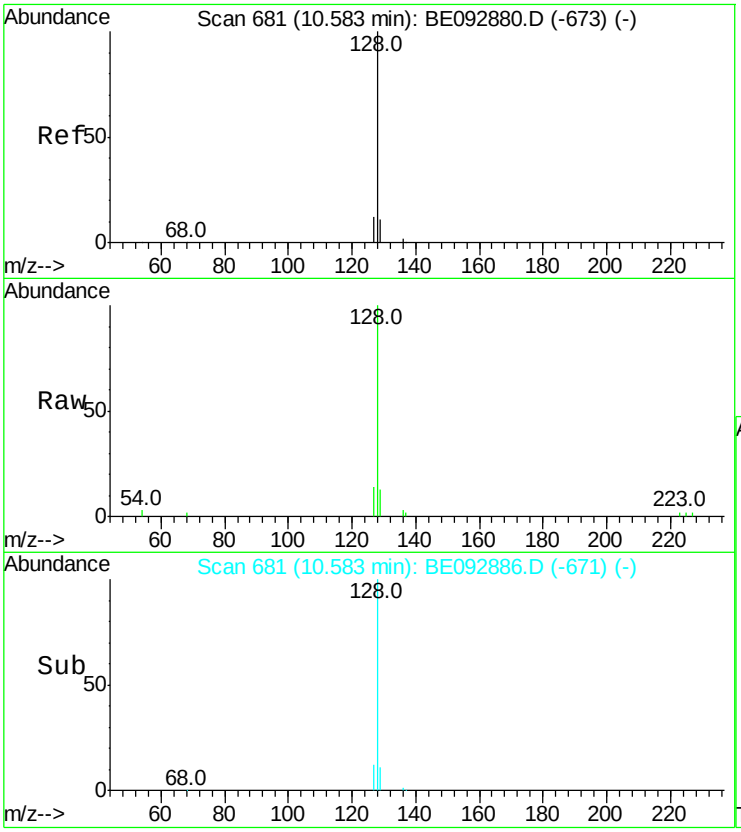


#8
Nitrobenzene-d5
Concen: 0.42 ng
RT: 8.90 min Scan# 604
Delta R.T. -0.02 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Tgt Ion: 82 Resp: 867

Ion	Ratio	Lower	Upper
82	100		
128	20.4	39.0	58.4#
54	75.1	44.8	67.2#

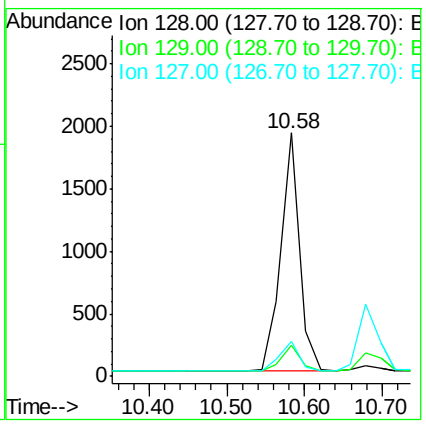




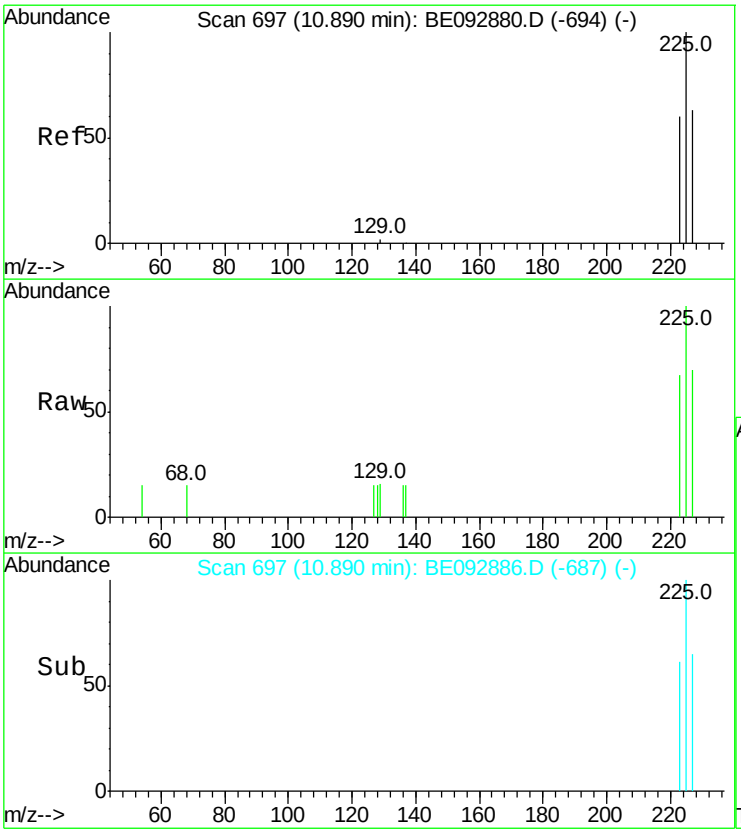
#9
Naphthalene
Concen: 0.40 ng
RT: 10.58 min Scan# 681
Delta R.T. -0.00 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Tgt Ion:128 Resp: 3221

Ion	Ratio	Lower	Upper
128	100		
129	13.0	11.2	16.8
127	14.4	11.6	17.4



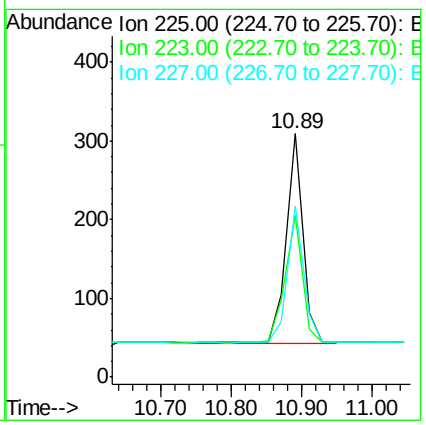
Instrument :
BNA_E
ClientSampleId :
ICVBE040417

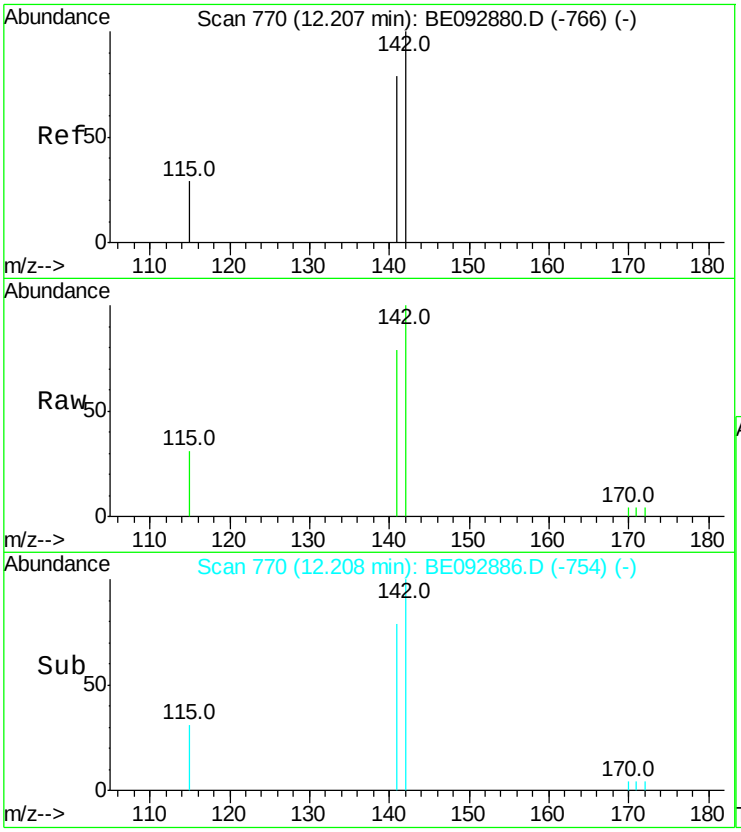


#10
Hexachlorobutadiene
Concen: 0.40 ng
RT: 10.89 min Scan# 697
Delta R.T. -0.00 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Tgt Ion:225 Resp: 431

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	65.2	51.4	77.0



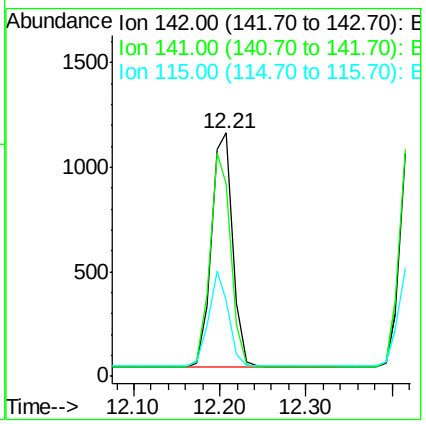


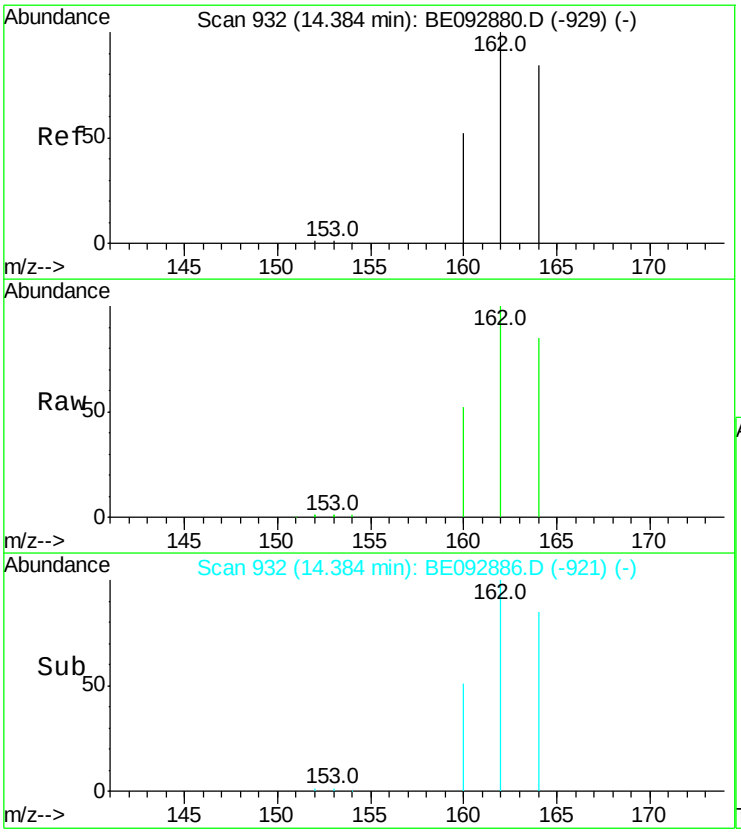
#11
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.21 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Instrument :
BNA_E
ClientSampleId :
ICVBE040417

Tgt Ion:142 Resp: 1956

Ion	Ratio	Lower	Upper
142	100		
141	78.9	73.7	110.5
115	31.4	34.0	51.0#

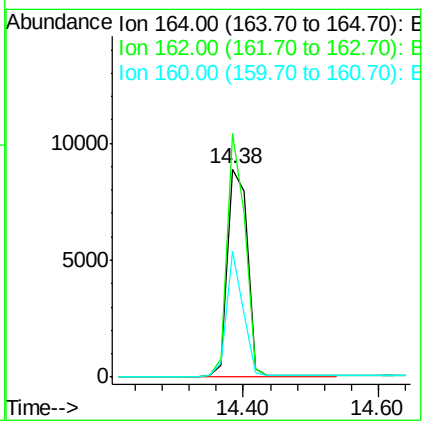


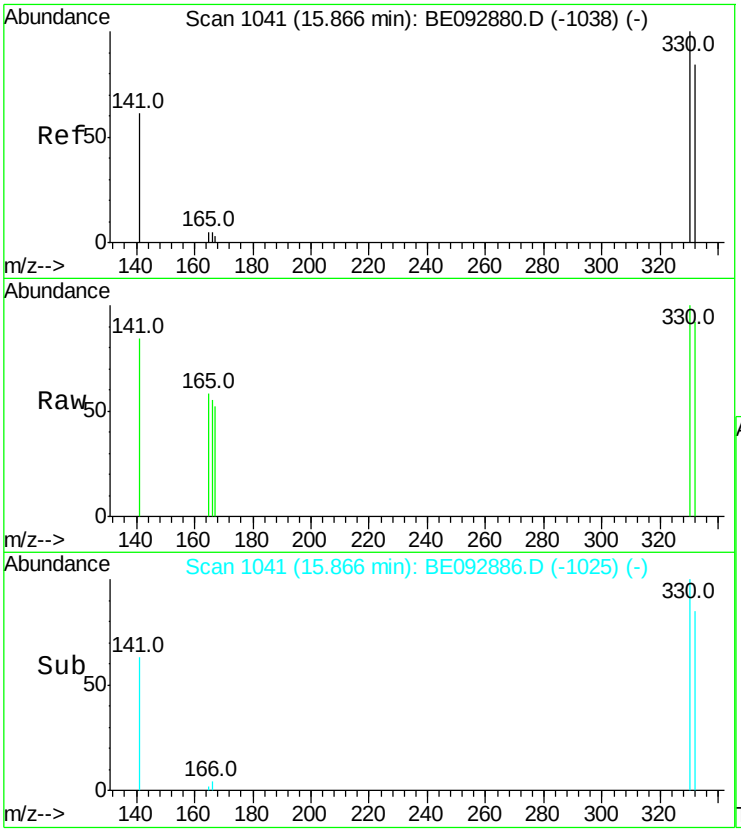


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.38 min Scan# 932
Delta R.T. -0.02 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Tgt Ion:164 Resp: 17942

Ion	Ratio	Lower	Upper
164	100		
162	117.2	71.4	107.0#
160	60.6	27.4	41.2#



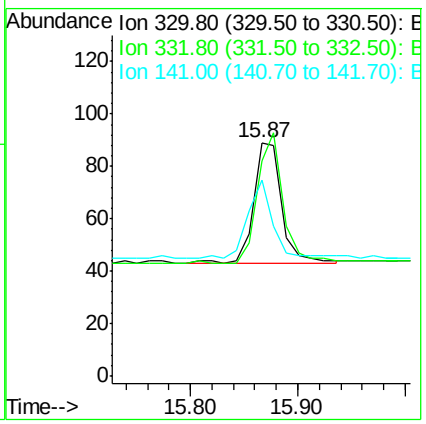


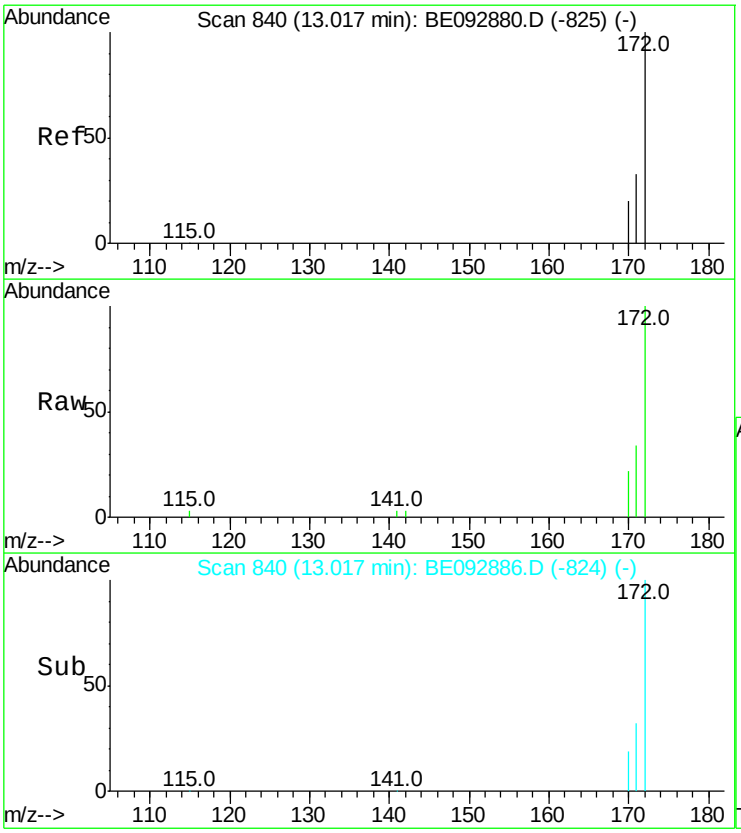
#13
2,4,6-Tribromophenol
Concen: 0.37 ng
RT: 15.87 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Instrument :
BNA_E
ClientSampleId :
ICVBE040417

Tgt Ion:330 Resp: 85

Ion	Ratio	Lower	Upper
330	100		
332	98.8	75.4	113.0
141	58.8	31.0	46.6#

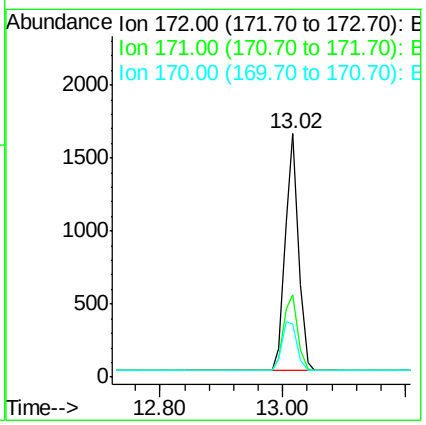


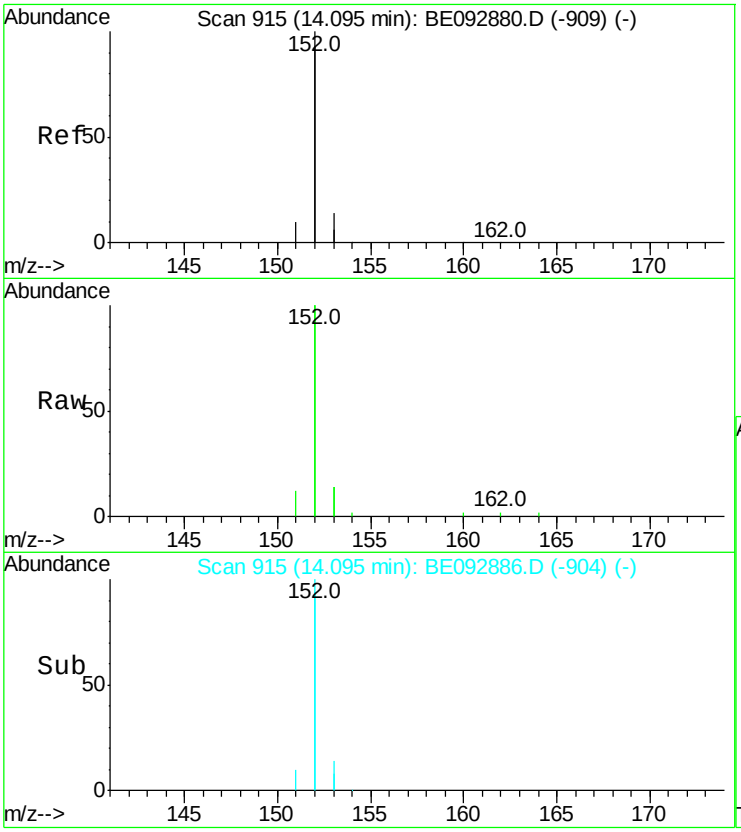


#14
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Tgt Ion:172 Resp: 2387

Ion	Ratio	Lower	Upper
172	100		
171	33.8	30.1	45.1
170	21.5	21.8	32.6#



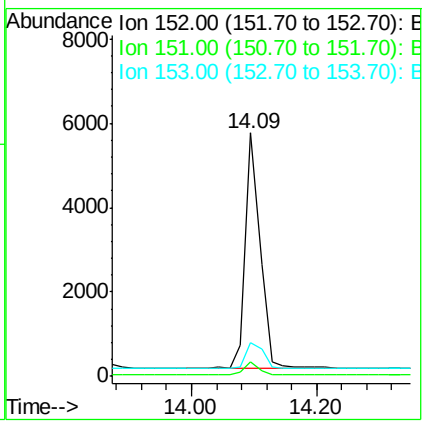


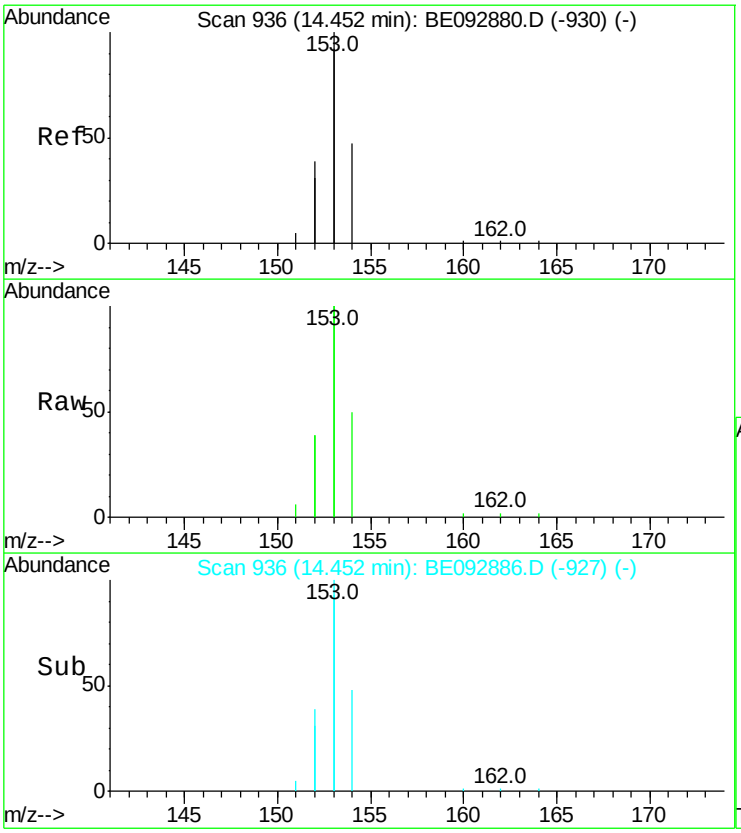
#15
Acenaphthylene
Concen: 0.37 ng
RT: 14.09 min Scan# 915
Delta R.T. -0.02 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Instrument :
BNA_E
ClientSampleId :
ICVBE040417

Tgt Ion:152 Resp: 9374

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.1	10.4	15.6

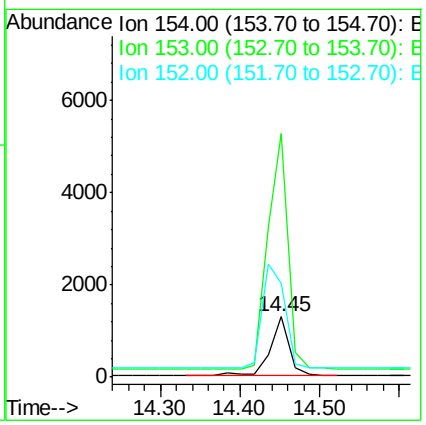


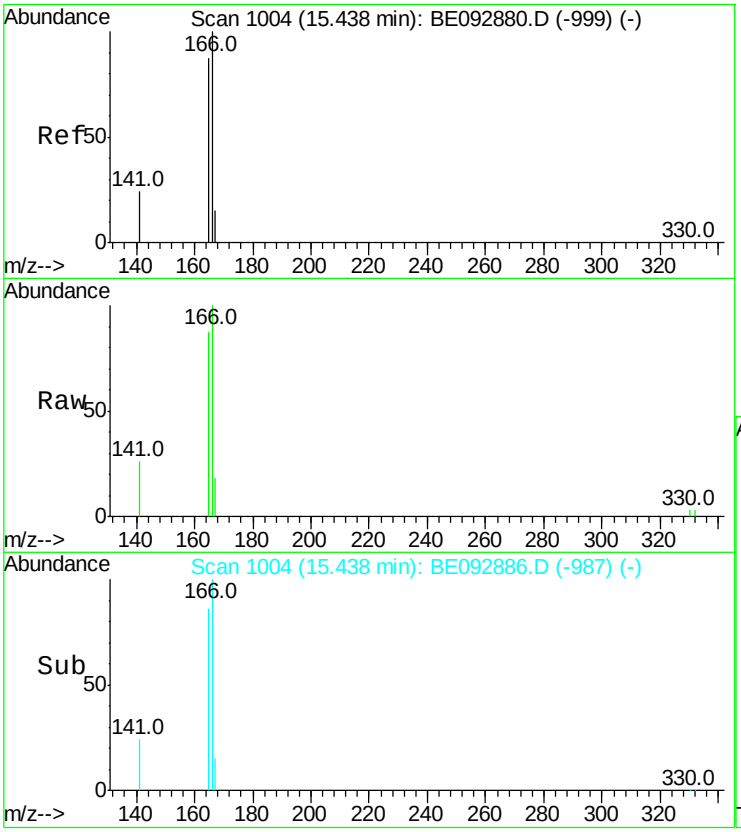


#16
Acenaphthene
Concen: 0.38 ng
RT: 14.45 min Scan# 936
Delta R.T. 0.00 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Tgt Ion:154 Resp: 2006

Ion	Ratio	Lower	Upper
154	100		
153	442.6	350.8	526.2
152	220.6	171.1	256.7



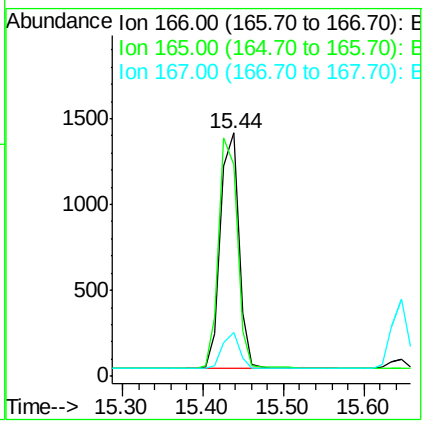


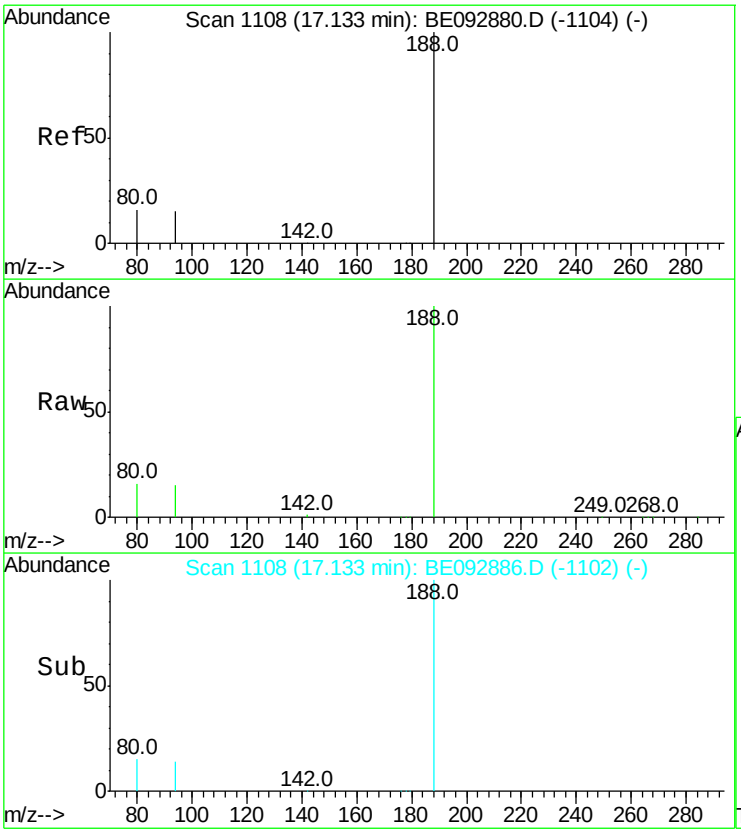
#17
Fluorene
Concen: 0.38 ng
RT: 15.44 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Instrument :
BNA_E
ClientSampleId :
ICVBE040417

Tgt Ion:166 Resp: 2178

Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.2	117.4
167	14.2	11.0	16.4

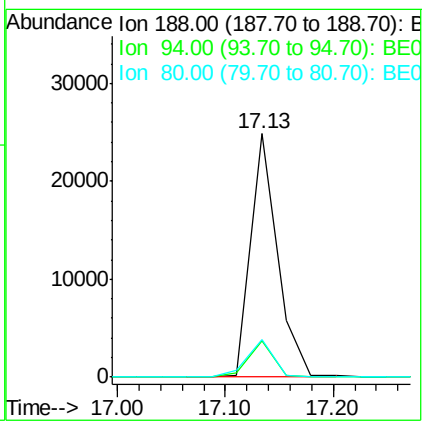


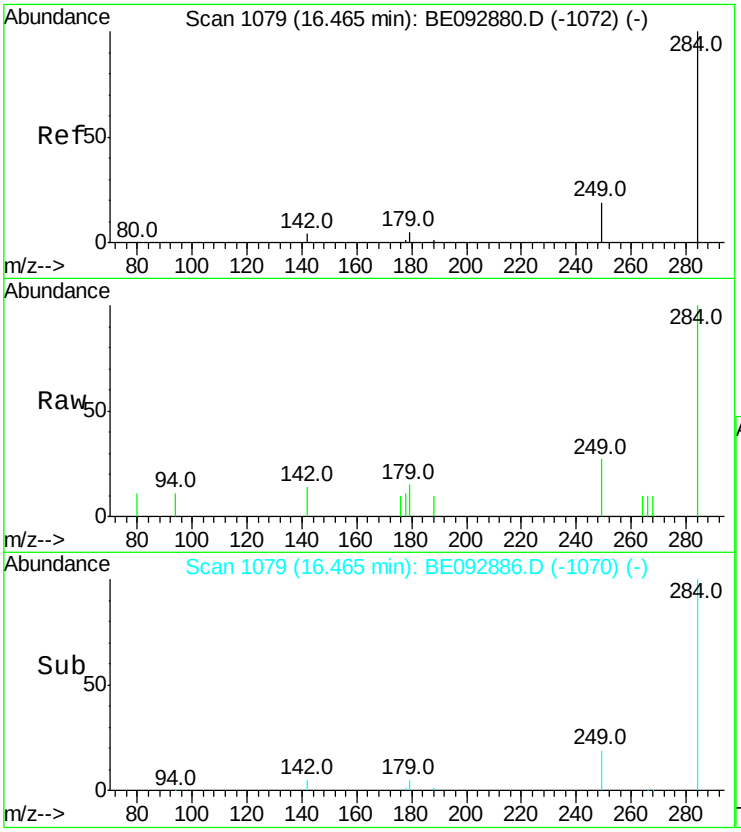


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.13 min Scan# 1108
Delta R.T. -0.02 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Tgt Ion:188 Resp: 42879

Ion	Ratio	Lower	Upper
188	100		
94	14.6	3.2	4.8#
80	15.6	2.6	3.8#



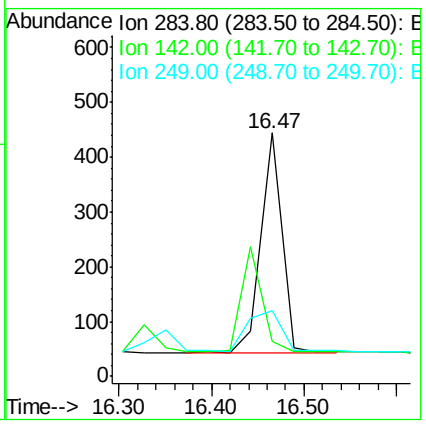


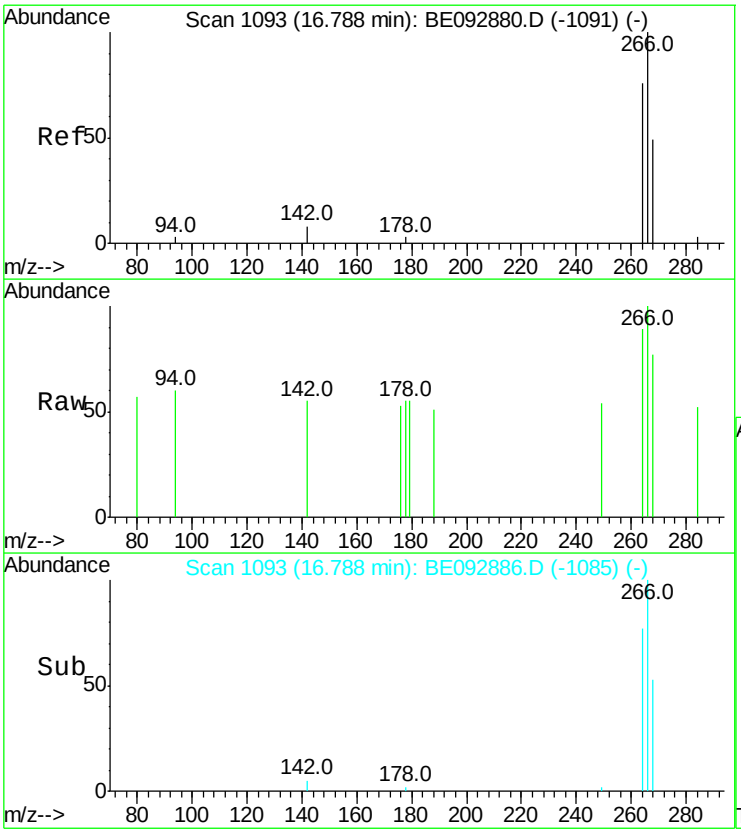
#19
Hexachlorobenzene
Concen: 0.38 ng
RT: 16.47 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Instrument :
BNA_E
ClientSampleId :
ICVBE040417

Tgt Ion:284 Resp: 623

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	30.3	27.9	41.9

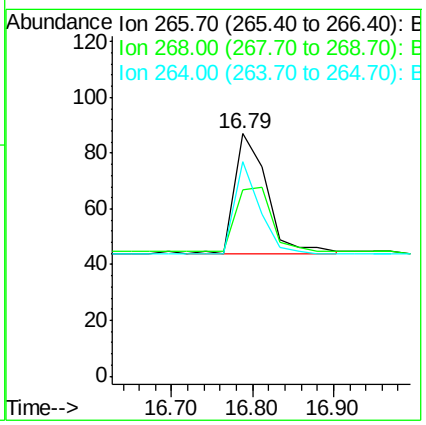


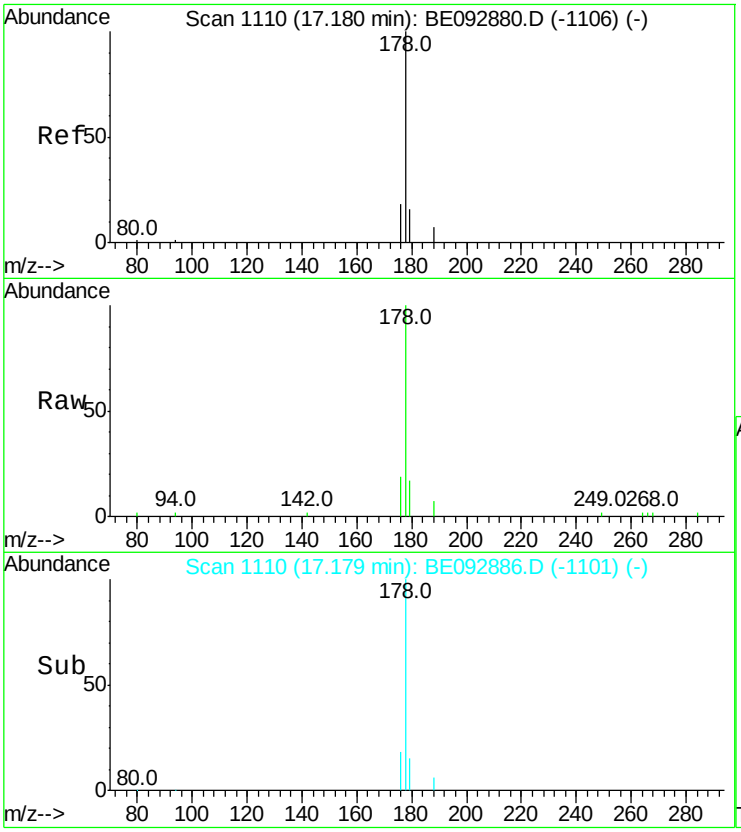


#20
Pentachlorophenol
Concen: 0.43 ng
RT: 16.79 min Scan# 1093
Delta R.T. -0.02 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Tgt Ion:266 Resp: 117

Ion	Ratio	Lower	Upper
266	100		
268	77.0	62.5	93.7
264	88.5	57.2	85.8#



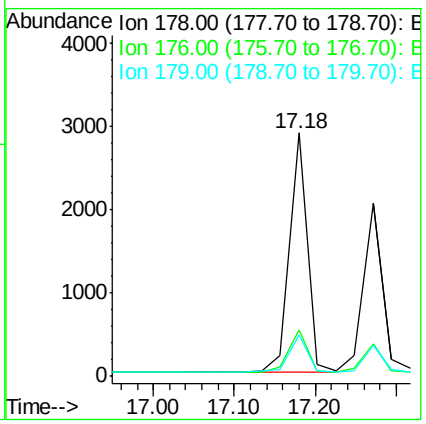


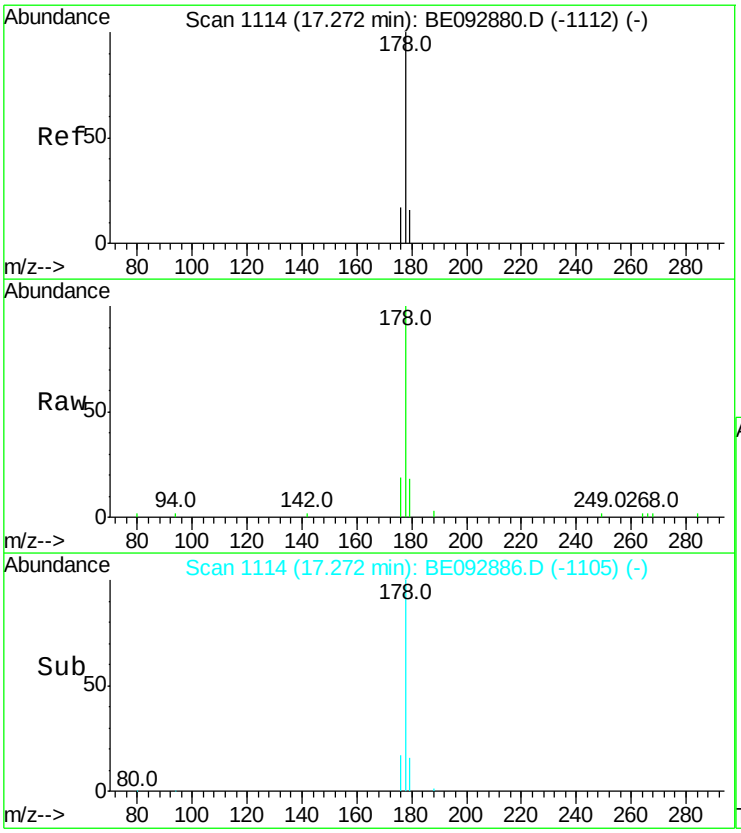
#21
Phenanthrene
Concen: 0.39 ng
RT: 17.18 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Instrument :
BNA_E
ClientSampleId :
ICVBE040417

Tgt Ion:178 Resp: 4448

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	16.0	16.0	24.0#

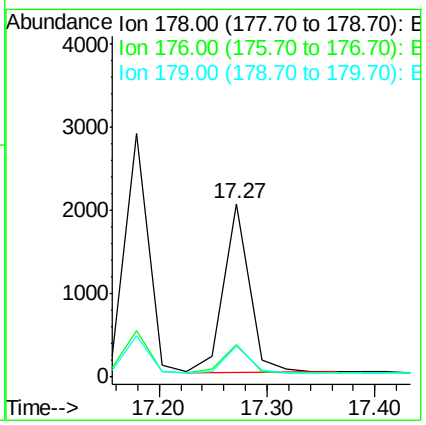


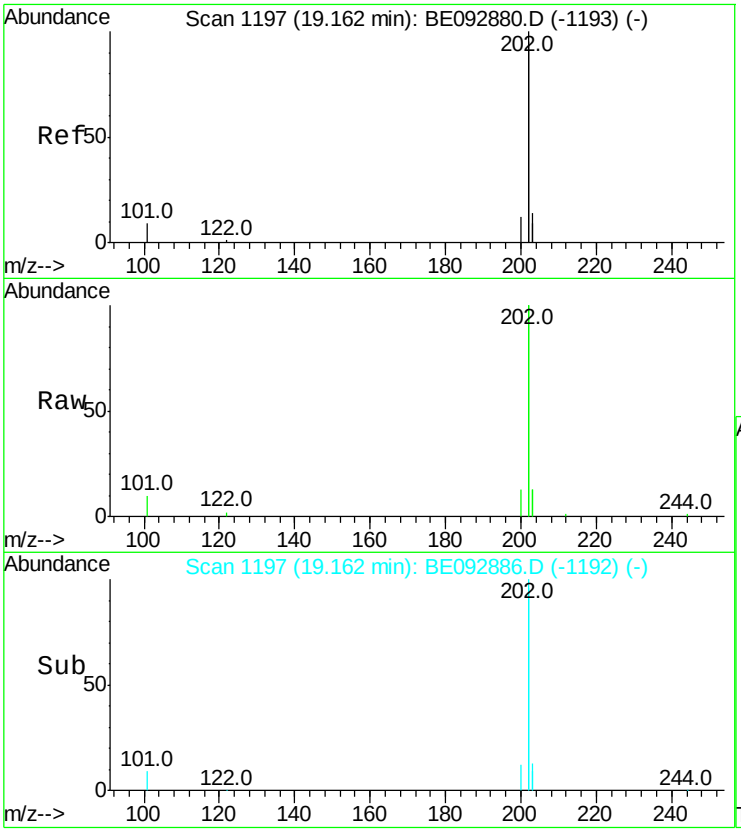


#22
Anthracene
Concen: 0.36 ng
RT: 17.27 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Tgt Ion:178 Resp: 3337

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.0	22.4
179	15.8	12.2	18.2



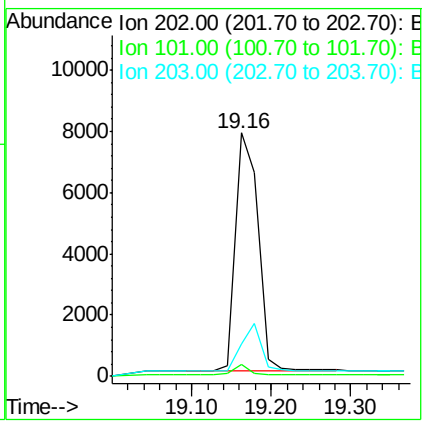


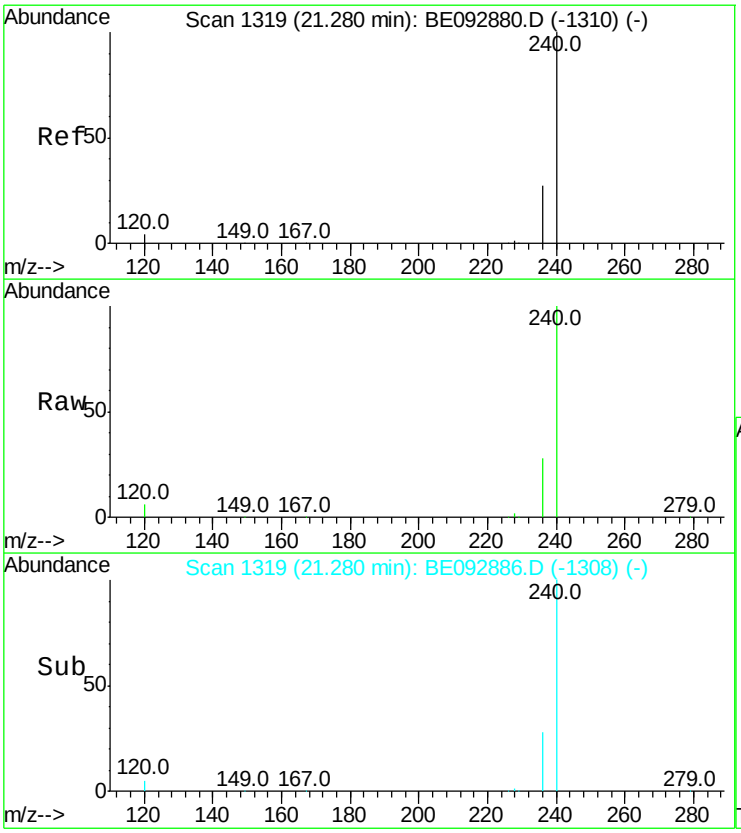
#23
Fluoranthene
Concen: 0.37 ng
RT: 19.16 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Instrument :
BNA_E
ClientSampleId :
ICVBE040417

Tgt Ion:202 Resp: 15424

Ion	Ratio	Lower	Upper
202	100		
101	3.2	2.2	3.4
203	17.3	13.7	20.5

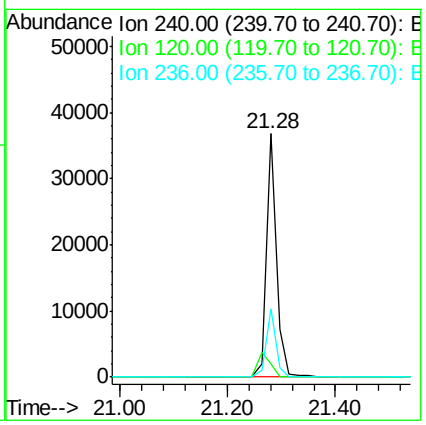


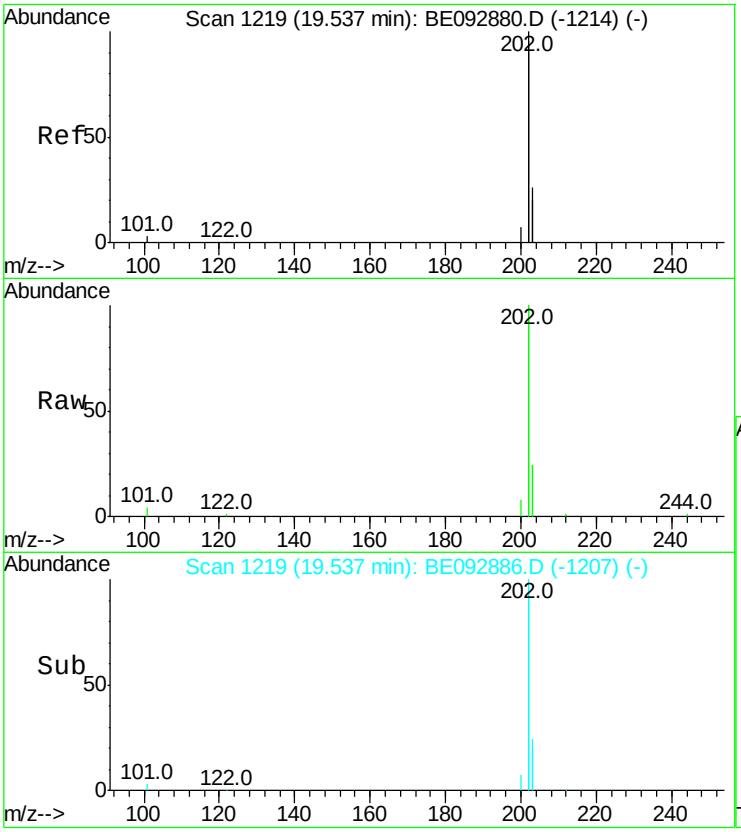


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Tgt Ion:240 Resp: 48715

Ion	Ratio	Lower	Upper
240	100		
120	5.6	2.6	4.0#
236	28.2	24.6	37.0



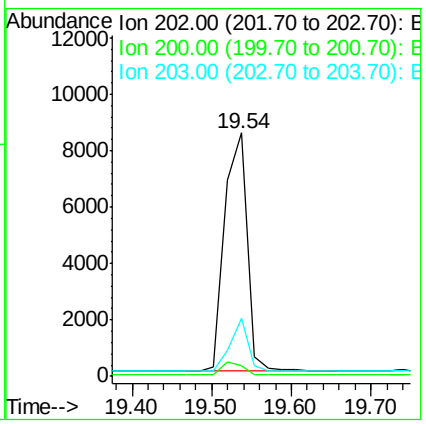


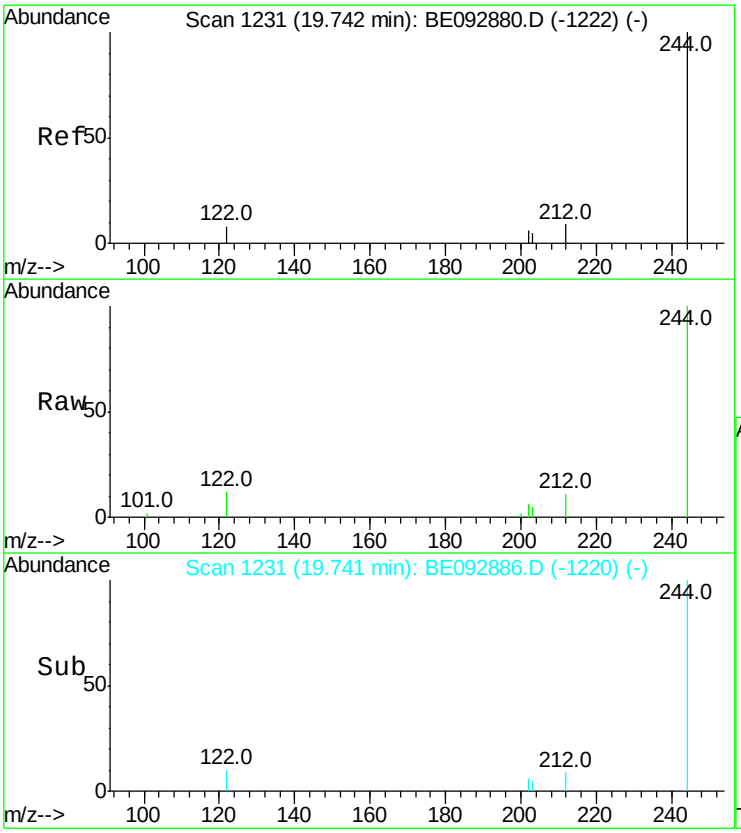
#25
Pyrene
Concen: 0.38 ng
RT: 19.54 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Instrument :
BNA_E
ClientSampleId :
ICVBE040417

Tgt Ion:202 Resp: 16544

Ion	Ratio	Lower	Upper
202	100		
200	5.0	4.2	6.4
203	17.6	13.9	20.9

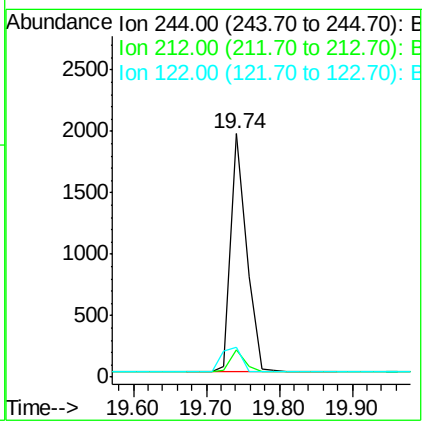


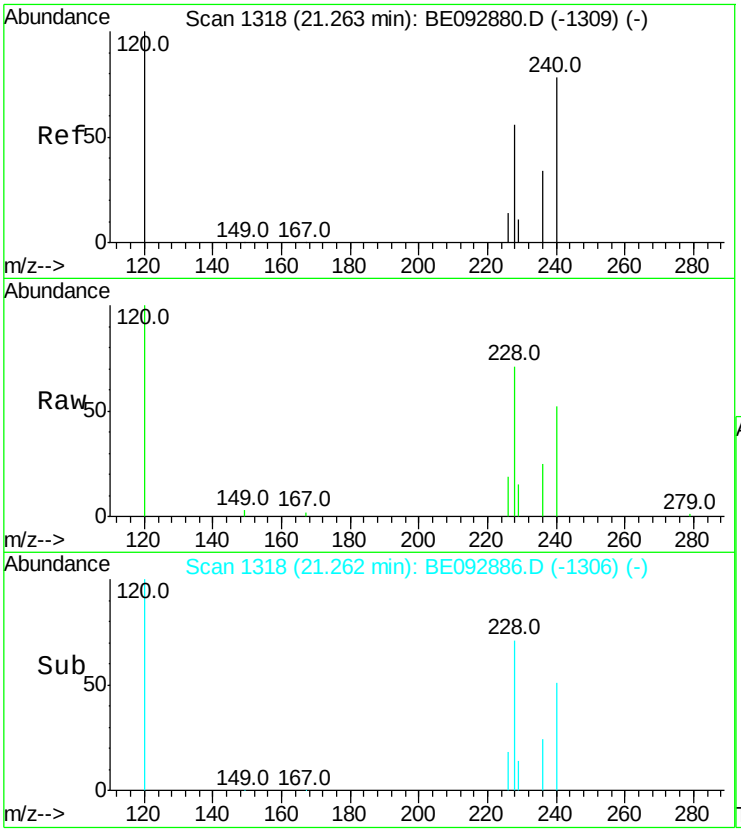


#26
Terphenyl-d14
Concen: 0.38 ng
RT: 19.74 min Scan# 1231
Delta R.T. -0.02 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Tgt Ion:244 Resp: 2880

Ion	Ratio	Lower	Upper
244	100		
212	11.0	6.7	10.1#
122	12.2	3.6	5.4#



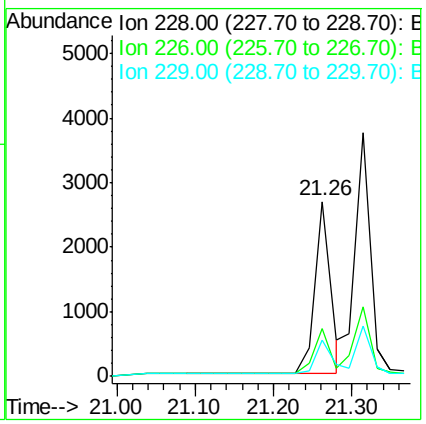


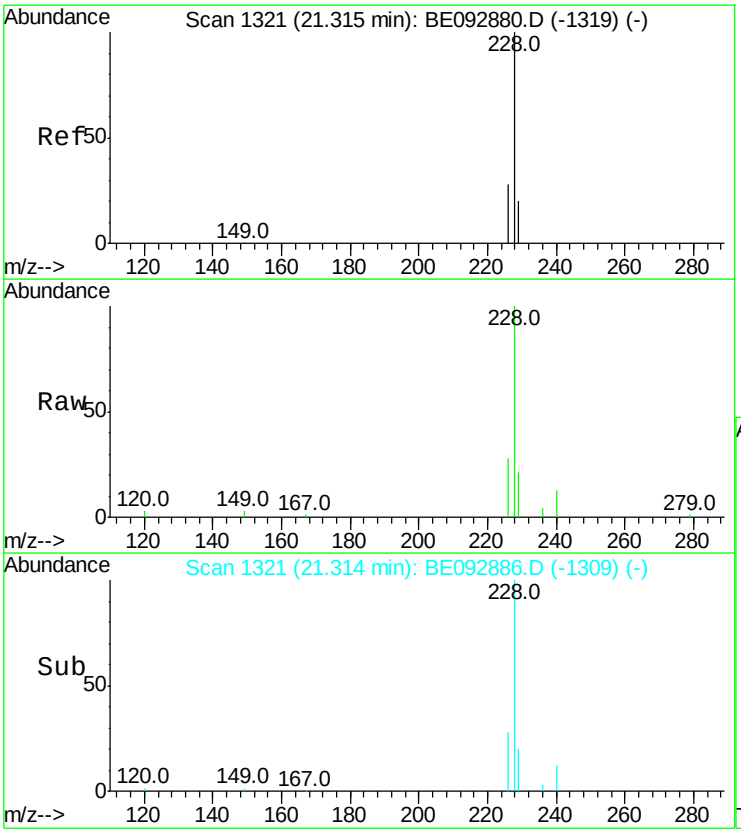
#27
Benzo(a)anthracene
Concen: 0.35 ng
RT: 21.26 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Instrument :
BNA_E
ClientSampleId :
ICVBE040417

Tgt Ion:228 Resp: 3705

Ion	Ratio	Lower	Upper
228	100		
226	27.1	23.6	35.4
229	20.6	13.3	19.9#

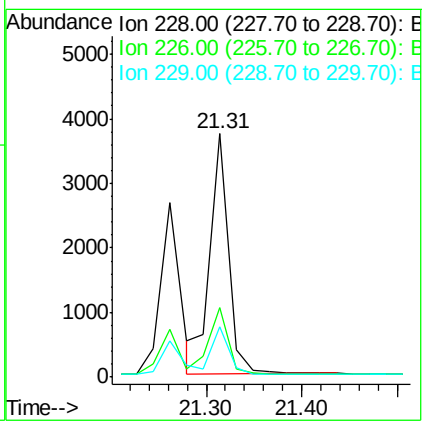


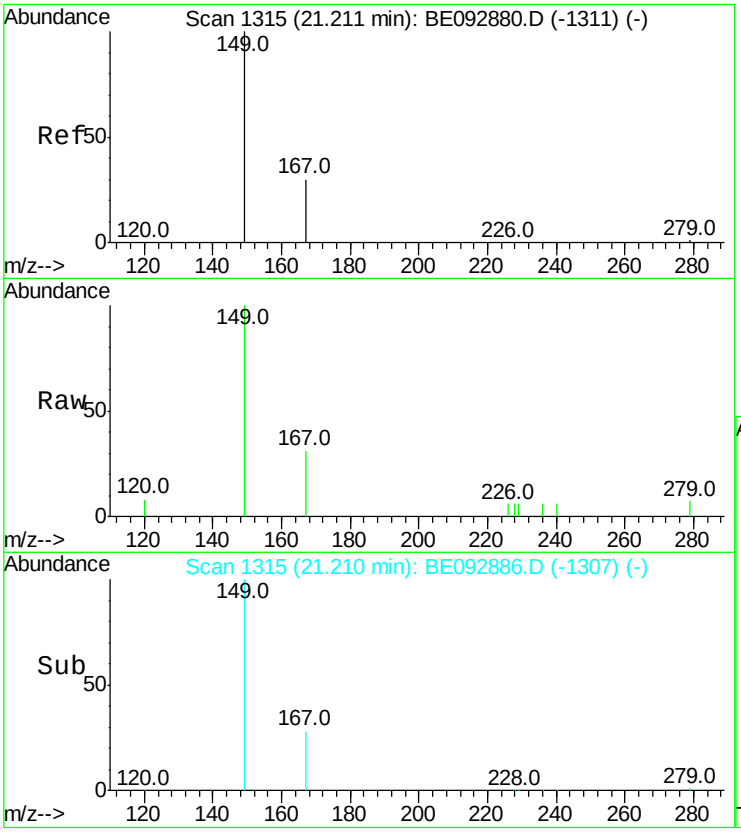


#28
Chrysene
Concen: 0.41 ng
RT: 21.31 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Tgt Ion:228 Resp: 4999

Ion	Ratio	Lower	Upper
228	100		
226	28.3	36.3	54.5#
229	20.8	10.6	16.0#



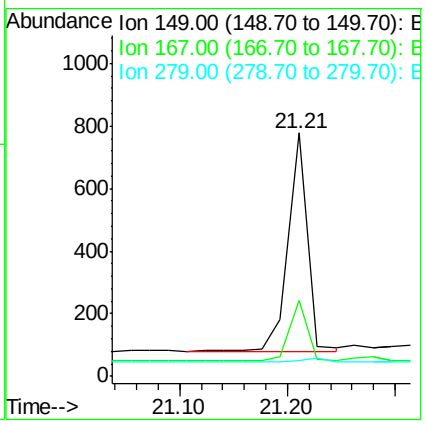


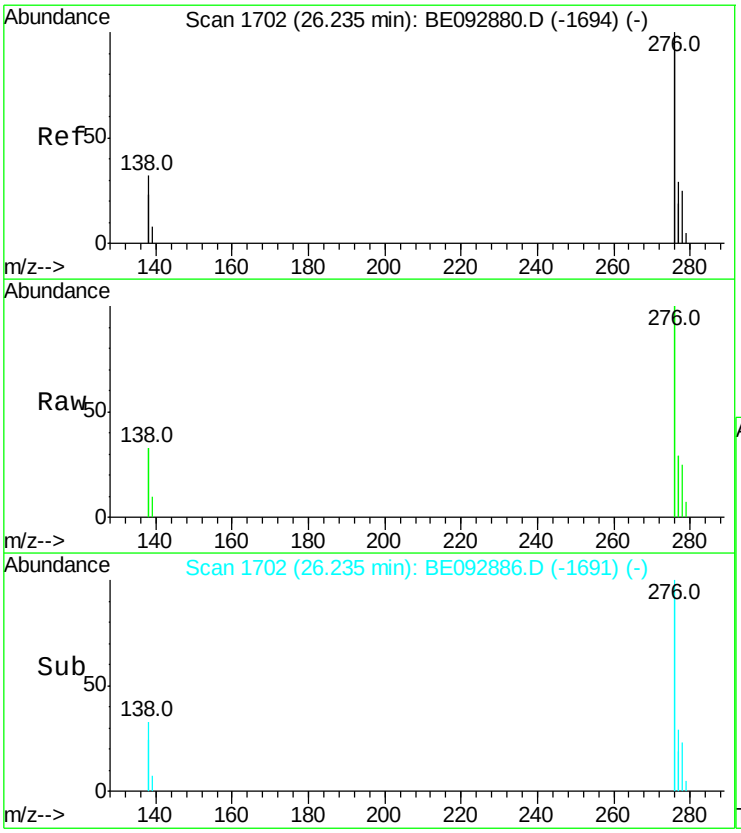
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.44 ng
RT: 21.21 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Instrument :
BNA_E
ClientSampleId :
ICVBE040417

Tgt Ion:149 Resp: 869

Ion	Ratio	Lower	Upper
149	100		
167	26.4	16.0	24.0#
279	2.3	16.0	24.0#

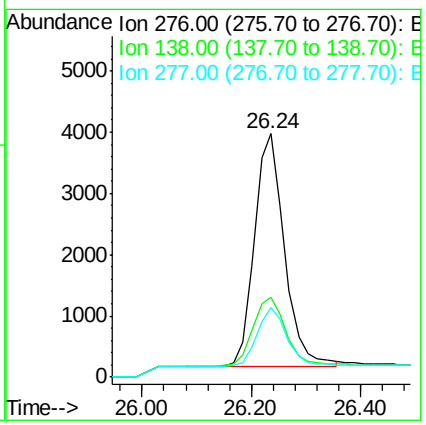


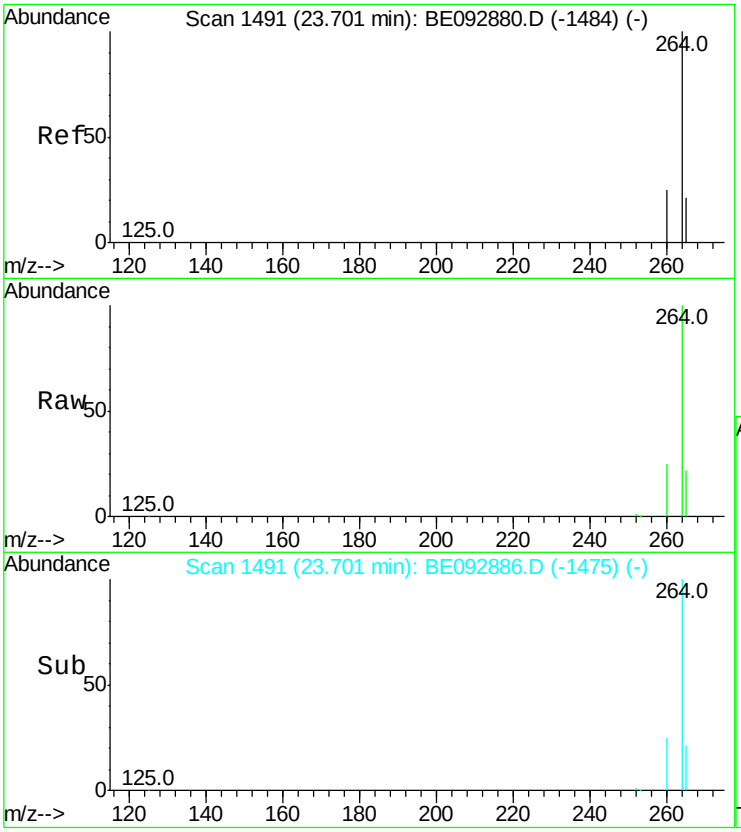


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.36 ng
RT: 26.24 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Tgt Ion:276 Resp: 14460

Ion	Ratio	Lower	Upper
276	100		
138	31.8	20.3	30.5#
277	25.0	19.7	29.5



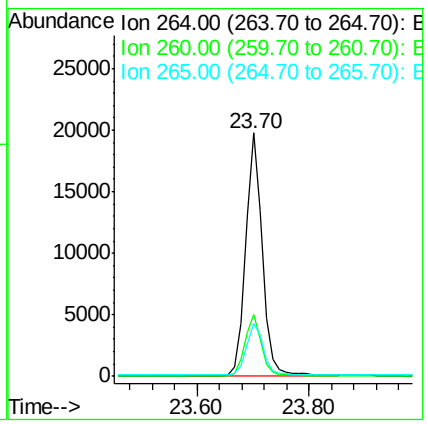


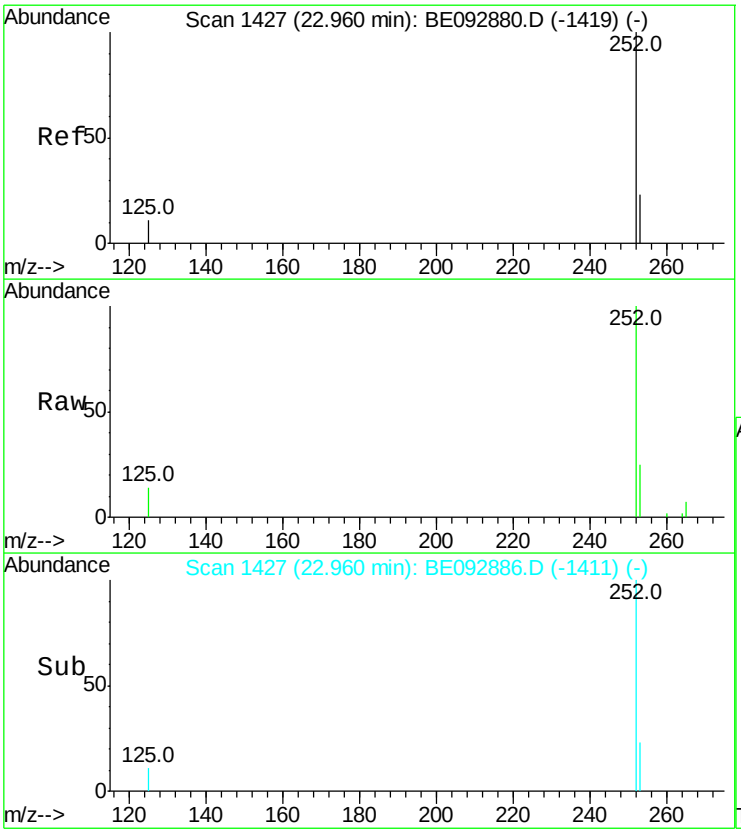
#31
Perylene-d12
Concen: 5.00 ng
RT: 23.70 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Instrument :
BNA_E
ClientSampleId :
ICVBE040417

Tgt Ion:264 Resp: 41005

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.1	30.1
265	21.6	17.9	26.9

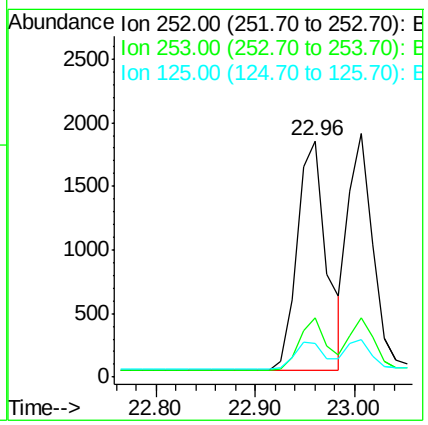


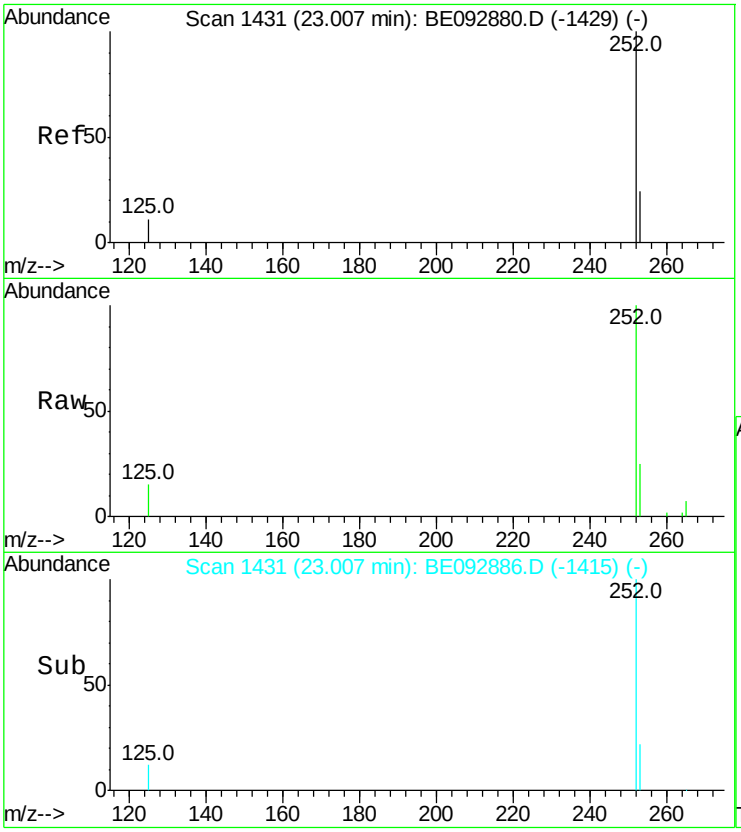


#32
Benzo(b)fluoranthene
Concen: 0.37 ng
RT: 22.96 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Tgt Ion:252 Resp: 3741

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.7	28.1
125	14.1	10.5	15.7



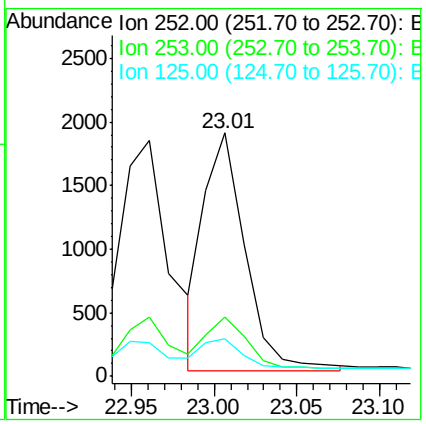


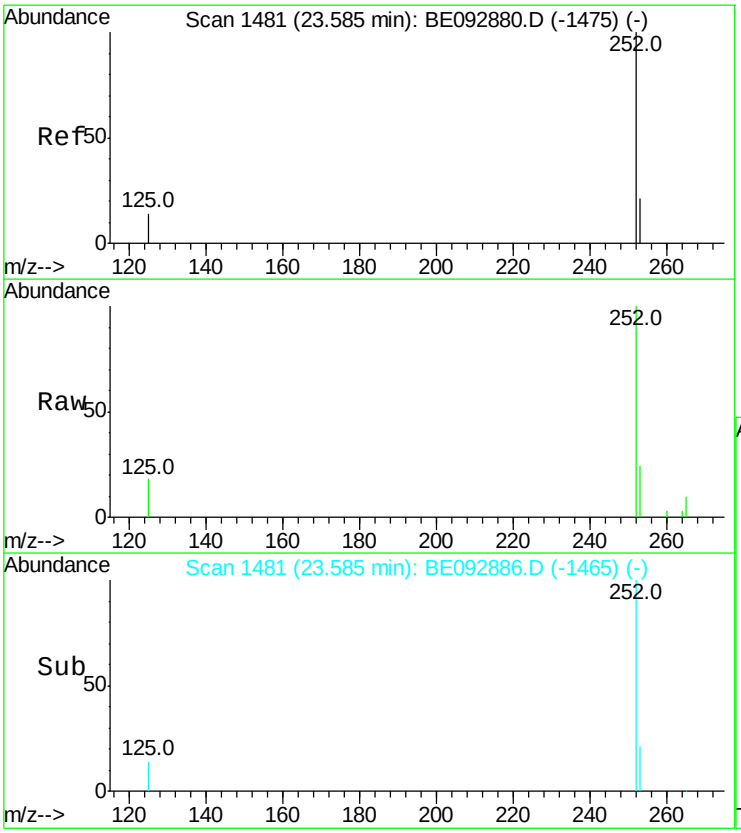
#33
Benzo(k)fluoranthene
Concen: 0.36 ng m
RT: 23.01 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Instrument :
BNA_E
ClientSampleId :
ICVBE040417

Tgt Ion:252 Resp: 3326

Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.3	30.5
125	15.4	9.6	14.4#

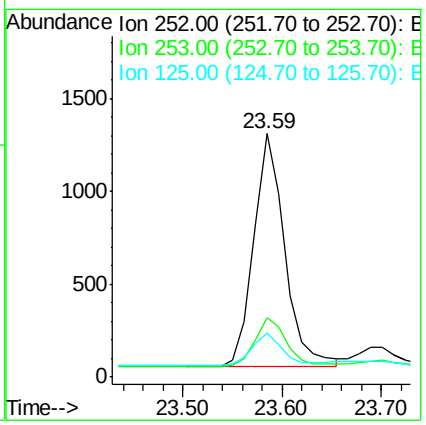


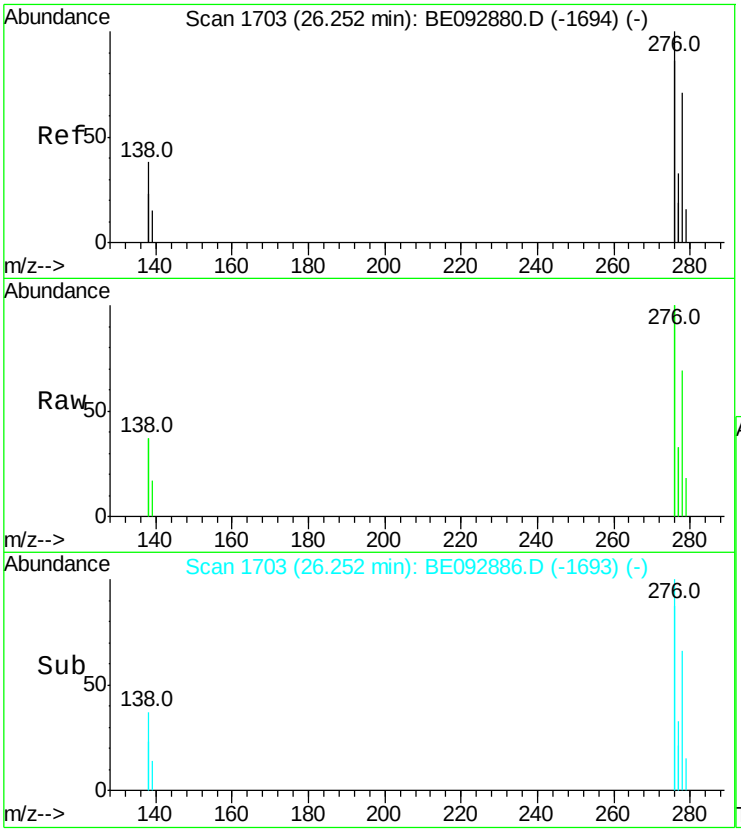


#34
Benzo(a)pyrene
Concen: 0.35 ng
RT: 23.59 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Tgt Ion:252 Resp: 2725

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.0	28.6
125	18.0	11.8	17.8#



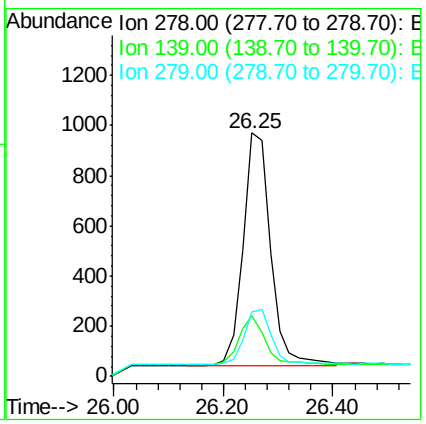


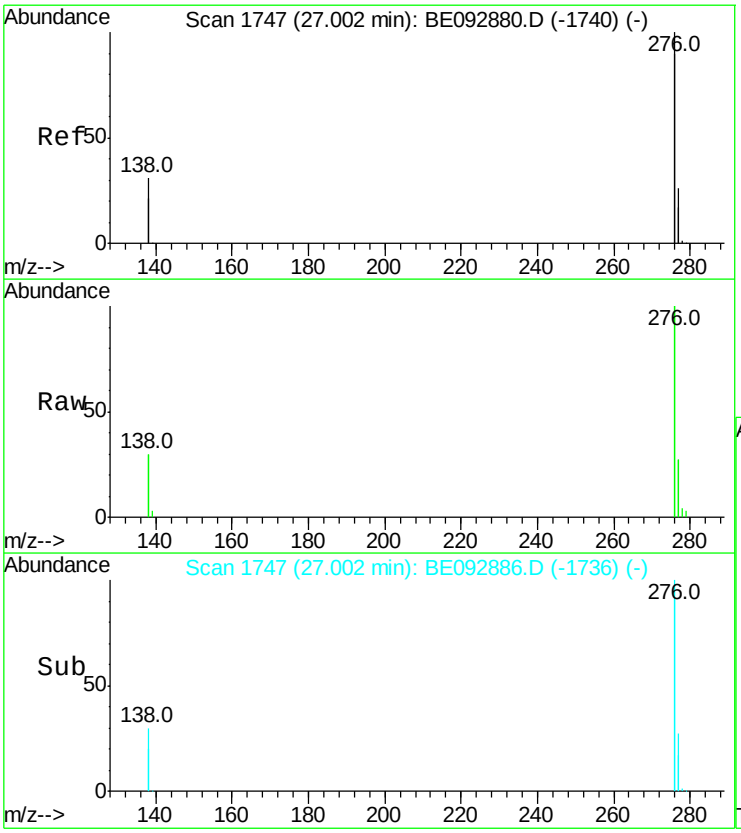
#35
Dibenzo(a,h)anthracene
Concen: 0.36 ng
RT: 26.25 min Scan# 1703
Delta R.T. -0.03 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Instrument :
BNA_E
ClientSampleId :
ICVBE040417

Tgt Ion:278 Resp: 3215

Ion	Ratio	Lower	Upper
278	100		
139	25.0	13.8	20.8#
279	26.7	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.37 ng
RT: 27.00 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BE092886.D
Acq: 4 Apr 2017 15:58

Tgt Ion:276 Resp: 13542

Ion	Ratio	Lower	Upper
276	100		
277	26.6	19.8	29.8
138	29.8	19.8	29.6#