Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030717\
Data File : BE092809.D
Acq On : 7 Mar 2017 17:07
Operator : SJ/MA
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Mar 07 17:47:54 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 06 15:46:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	9669	5.00	ng		-0.02
7) Naphthalene-d8	10.88	136	43693	5.00	ng		-0.02
12) Acenaphthene-d10	14.75	164	29462	5.00	ng		-0.02
18) Phenanthrene-d10	17.51	188	63202	5.00	ng		0.00
24) Chrysene-d12	21.68	240	89132	5.00	ng		-0.02
31) Perylene-d12	24.01	264	75103	5.00	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.63	112	577	0.28	ng		0.00
5) Phenol-d6	7.34	99	626	0.26	ng		0.02
8) Nitrobenzene-d5	9.15	82	117	0.04	ng		-0.16
13) 2,4,6-Tribromophenol	16.26	330	218	0.28	ng		-0.02
14) 2-Fluorobiphenyl	13.39	172	2634	0.38	ng		-0.01
26) Terphenyl-d14	20.12	244	3975	0.37	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	622	0.44	ng		91
3) n-Nitrosodimethylamine	3.72	42	464	0.29	ng	#	96
6) bis(2-Chloroethyl)ether	7.54	93	782	0.29	ng		86
9) Naphthalene	10.93	128	3846	0.41	ng		99
10) Hexachlorobutadiene	11.20	225	590	0.44	ng		100
11) 2-Methylnaphthalene	12.59	142	2261	0.37	ng		93
15) Acenaphthylene	14.46	152	17182	0.38	ng		99
16) Acenaphthene	14.82	154	2458	0.39	ng		82
17) Fluorene	15.81	166	3280	0.38	ng		98
19) Hexachlorobenzene	16.82	284	1037	0.40	ng		97
20) Pentachlorophenol	17.21	266	234	0.33	ng		93
21) Phenanthrene	17.53	178	5962	0.39	ng	#	78
22) Anthracene	17.65	178	5681	0.37	ng		100
23) Fluoranthene	19.54	202	28941	0.39	ng		100
25) Pyrene	19.92	202	30936	0.38	ng		100
27) Benzo(a)anthracene	21.66	228	65874	0.77	ng		98
28) Chrysene	21.66	228	66204	0.81	ng	#	78
29) Bis(2-ethylhexyl)phthalate	21.57	149	2237	0.30	ng	#	56
30) Indeno(1,2,3-cd)pyrene	26.46	276	31837	0.36	ng		98
32) Benzo(b)fluoranthene	23.29	252	7835	0.39	ng		99
33) Benzo(k)fluoranthene	23.34	252	8173	0.41	ng		98
34) Benzo(a)pyrene	23.90	252	7141	0.39	ng		97
35) Dibenzo(a,h)anthracene	26.50	278	6320	0.36	ng		97
36) Benzo(g,h,i)perylene	27.21	276	28329	0.38	ng		97

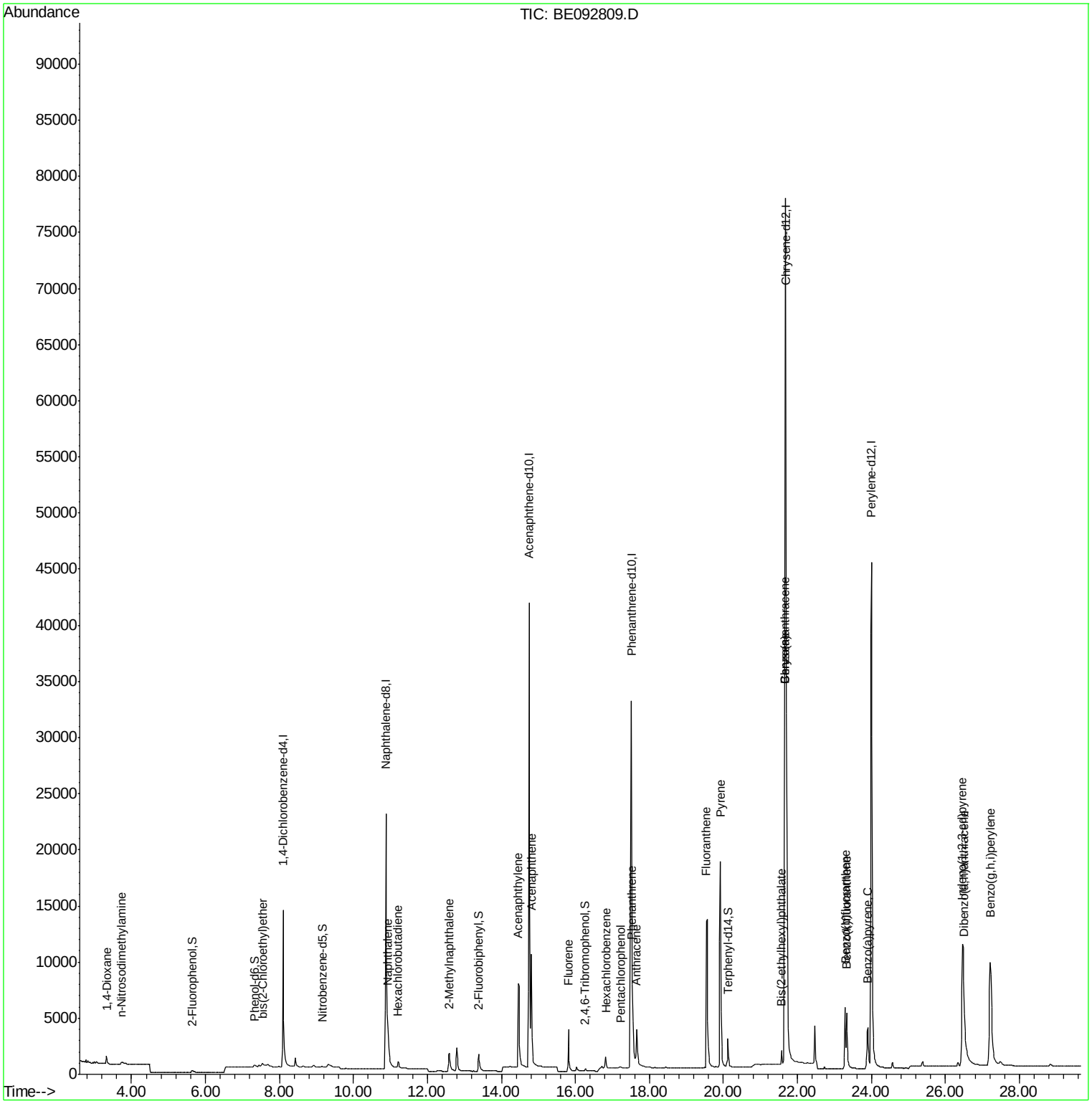
(#) = qualifier out of range (m) = manual integration (+) = signals summed

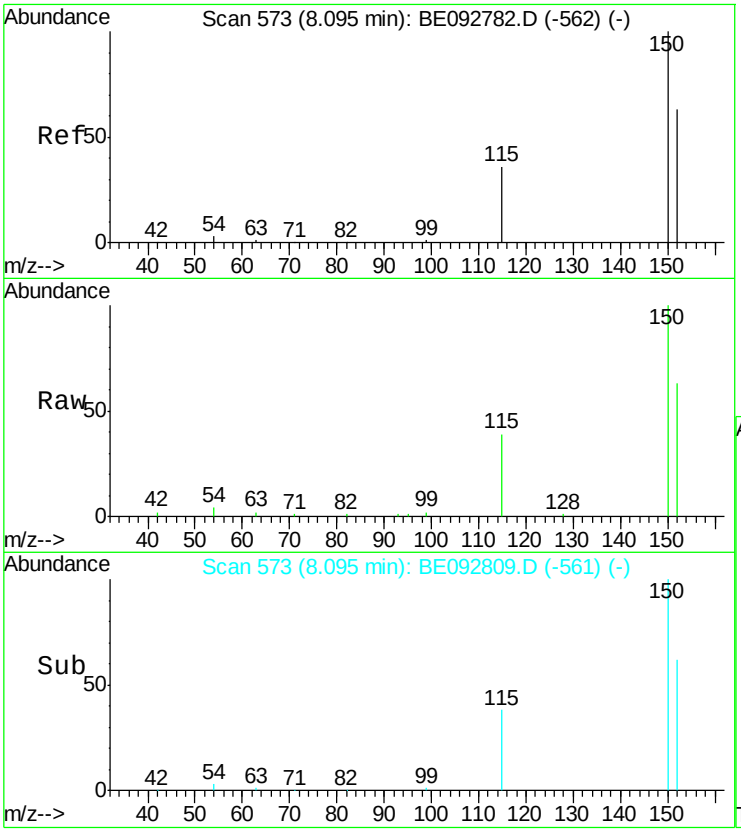
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030717\
Data File : BE092809.D
Acq On : 7 Mar 2017 17:07
Operator : SJ/MA
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Mar 07 17:47:54 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 06 15:46:01 2017
Response via : Initial Calibration



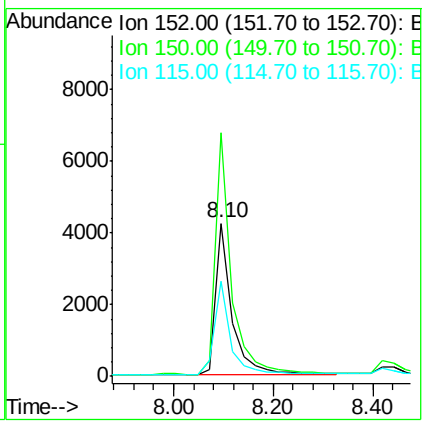


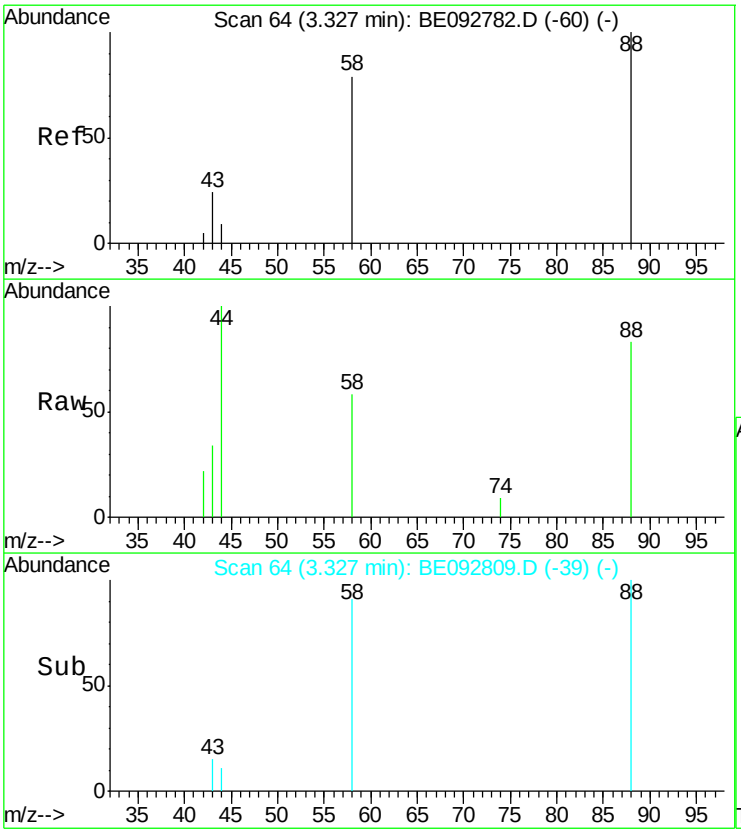
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.10 min Scan# 573
Delta R.T. -0.02 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 9669

Ion	Ratio	Lower	Upper
152	100		
150	159.4	106.0	159.0#
115	61.9	31.2	46.8#

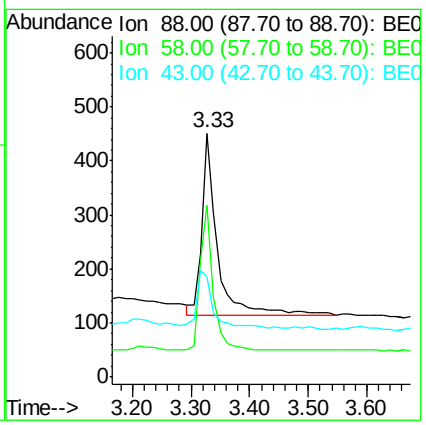


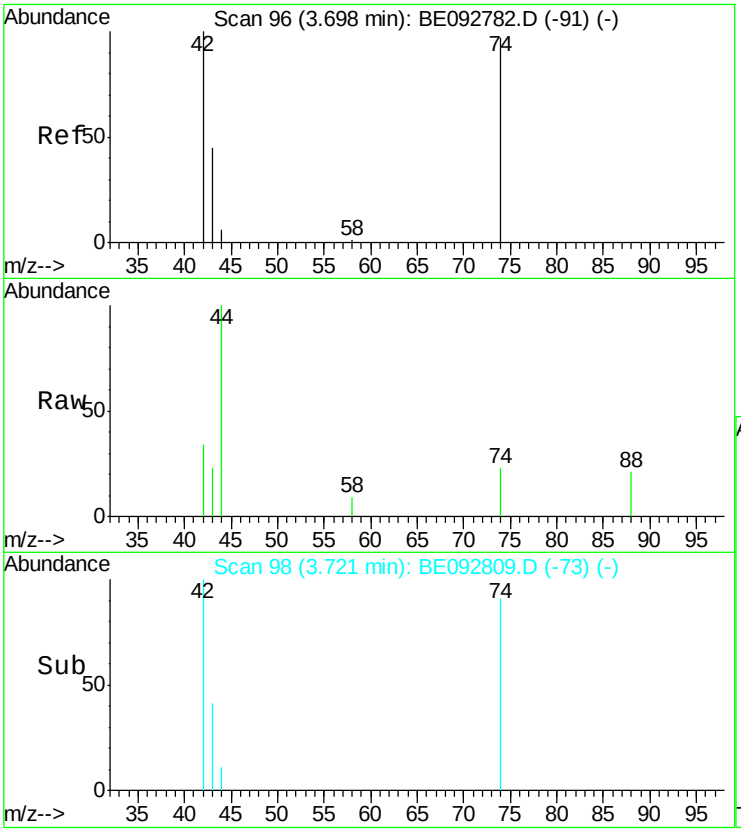


#2
1,4-Dioxane
Concen: 0.44 ng
RT: 3.33 min Scan# 64
Delta R.T. -0.01 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Tgt Ion: 88 Resp: 622

Ion	Ratio	Lower	Upper
88	100		
58	68.3	63.6	95.4
43	34.1	28.0	42.0



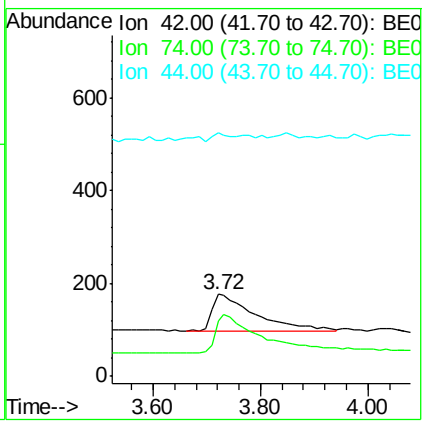


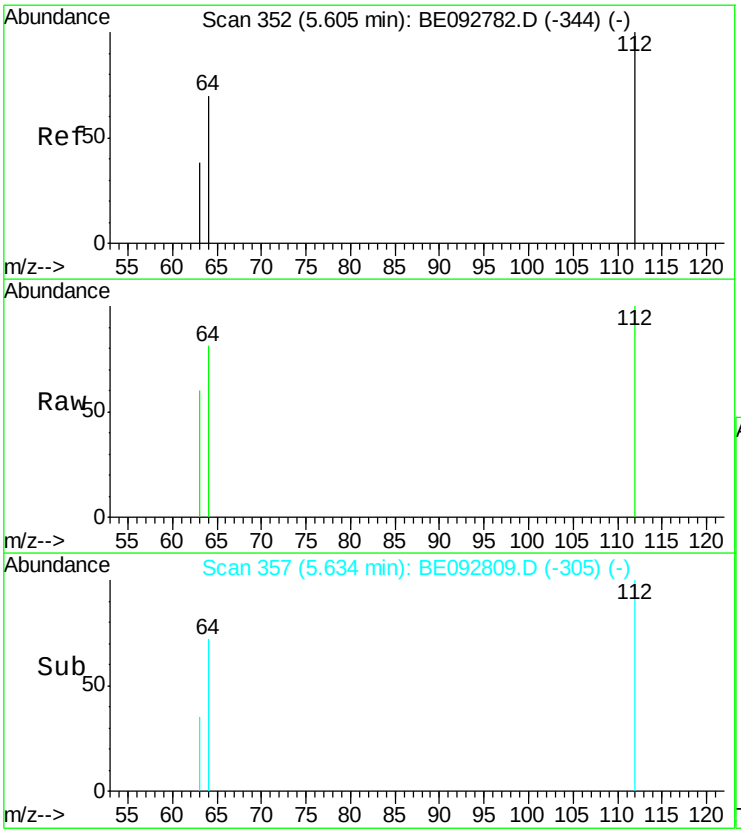
#3
n-Nitrosodimethylamine
Concen: 0.29 ng
RT: 3.72 min Scan# 98
Delta R.T. -0.01 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 464

Ion	Ratio	Lower	Upper
42	100		
74	111.9	86.0	129.0
44	9.1	5.1	7.7#

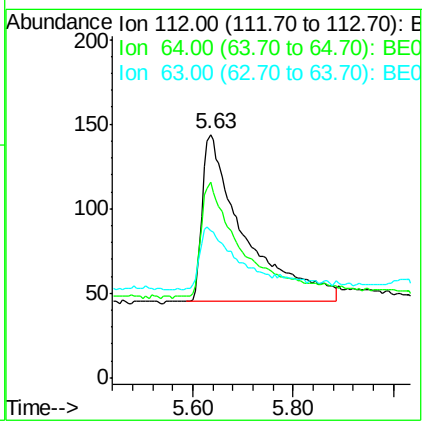


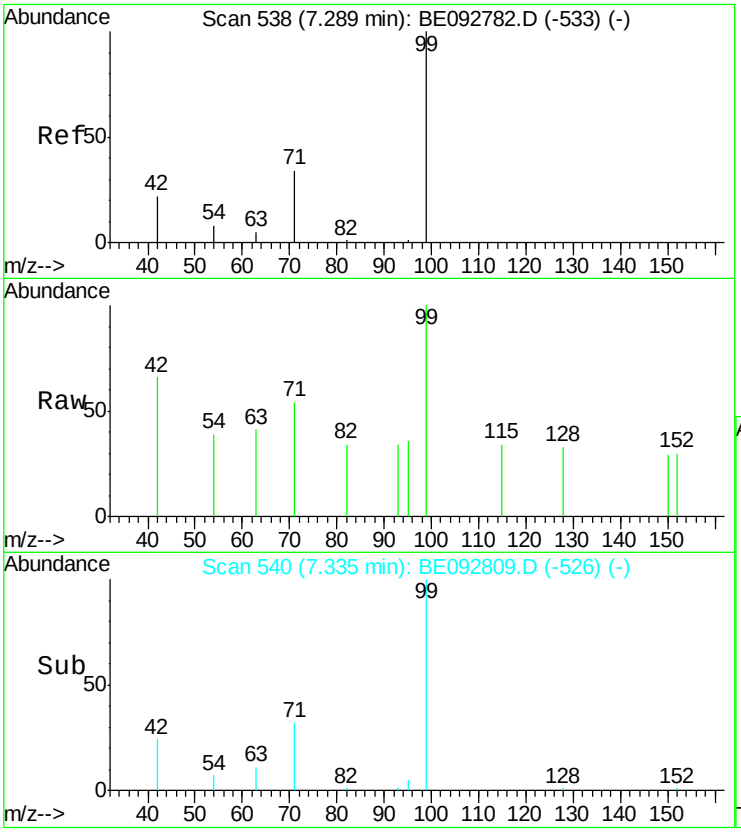


#4
2-Fluorophenol
Concen: 0.28 ng
RT: 5.63 min Scan# 357
Delta R.T. 0.00 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Tgt Ion:112 Resp: 577

Ion	Ratio	Lower	Upper
112	100		
64	66.0	53.5	80.3
63	32.4	27.9	41.9



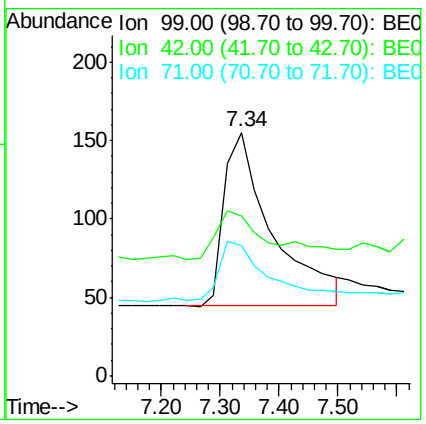


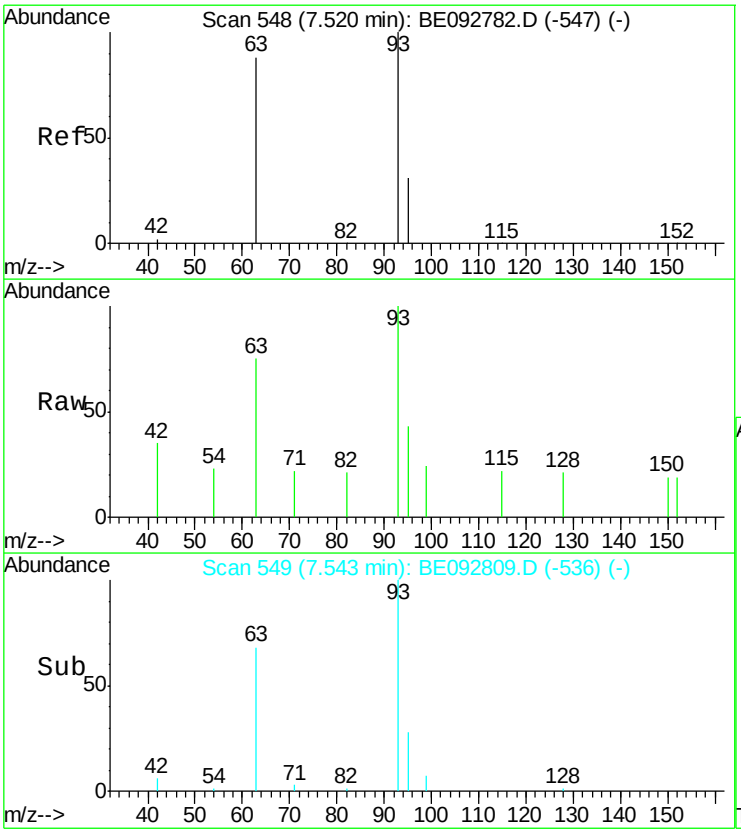
#5
Phenol-d6
Concen: 0.26 ng
RT: 7.34 min Scan# 540
Delta R.T. 0.02 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 626

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

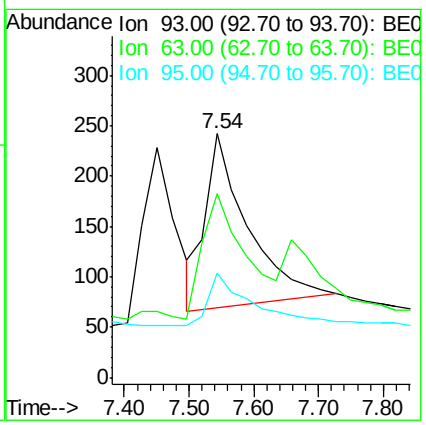


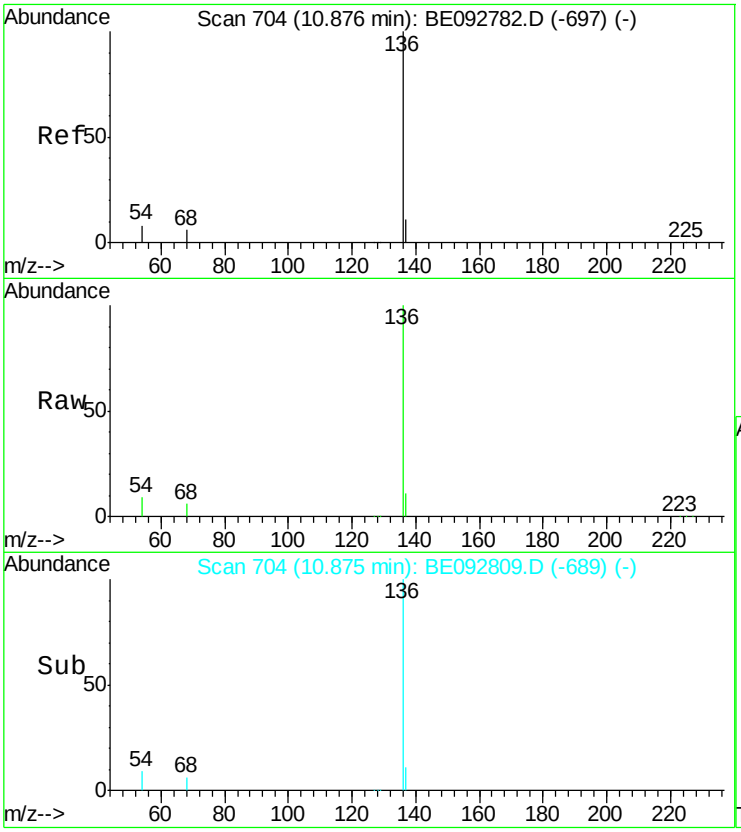


#6
bis(2-Chloroethyl)ether
Concen: 0.29 ng
RT: 7.54 min Scan# 549
Delta R.T. 0.00 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Tgt Ion: 93 Resp: 782

Ion	Ratio	Lower	Upper
93	100		
63	73.4	71.6	107.4
95	33.0	24.0	36.0



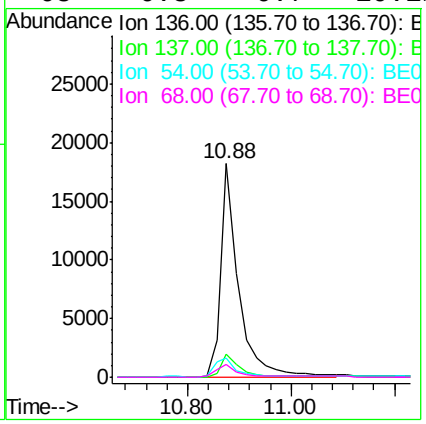


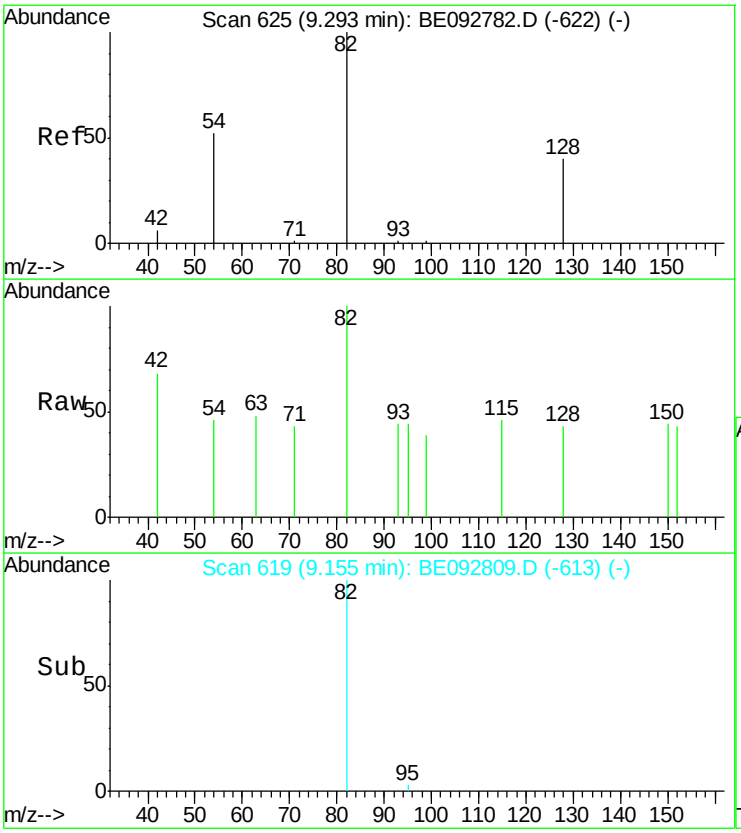
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.88 min Scan# 704
Delta R.T. -0.02 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 43693

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.4
54	8.9	9.6	14.4#
68	6.3	6.7	10.1#

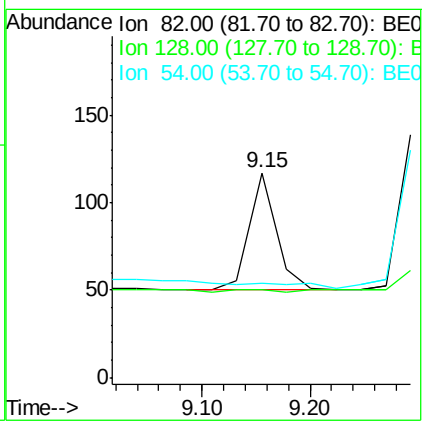


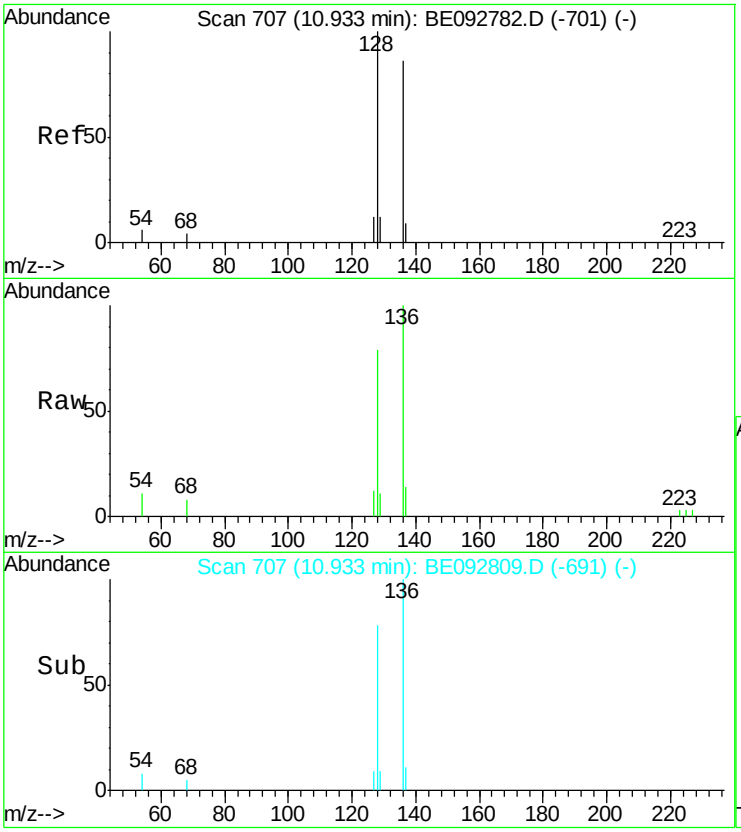


#8
Nitrobenzene-d5
Concen: 0.04 ng
RT: 9.15 min Scan# 619
Delta R.T. -0.16 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Tgt Ion: 82 Resp: 117

Ion	Ratio	Lower	Upper
82	100		
128	42.7	39.0	58.4
54	46.2	44.8	67.2



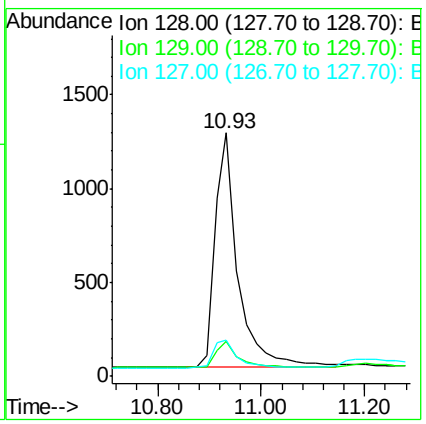


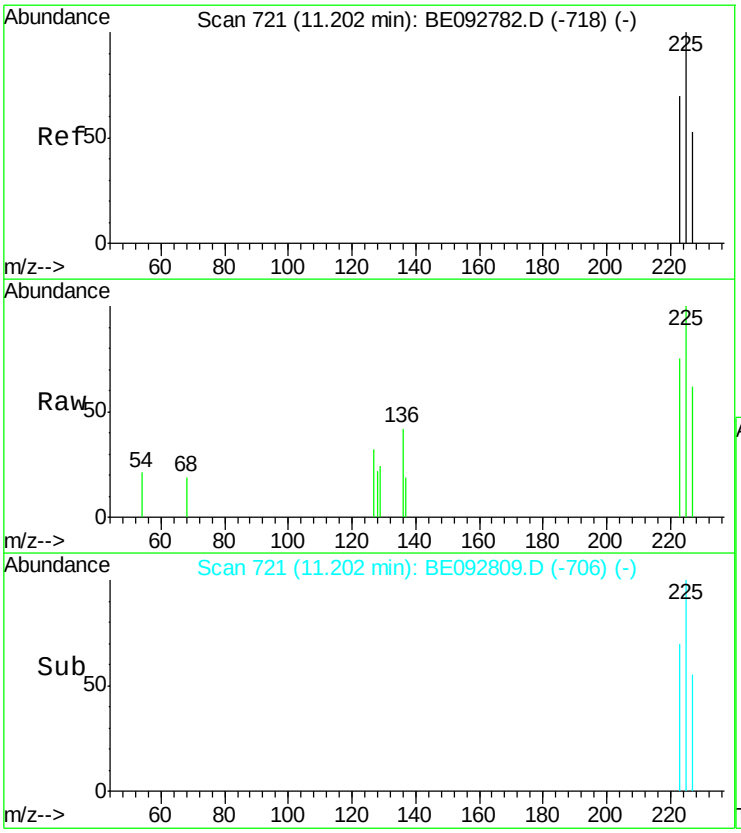
#9
Naphthalene
Concen: 0.41 ng
RT: 10.93 min Scan# 707
Delta R.T. -0.00 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 3846

Ion	Ratio	Lower	Upper
128	100		
129	14.3	11.2	16.8
127	15.0	11.6	17.4

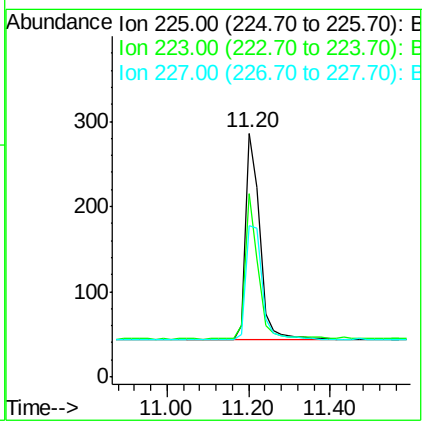


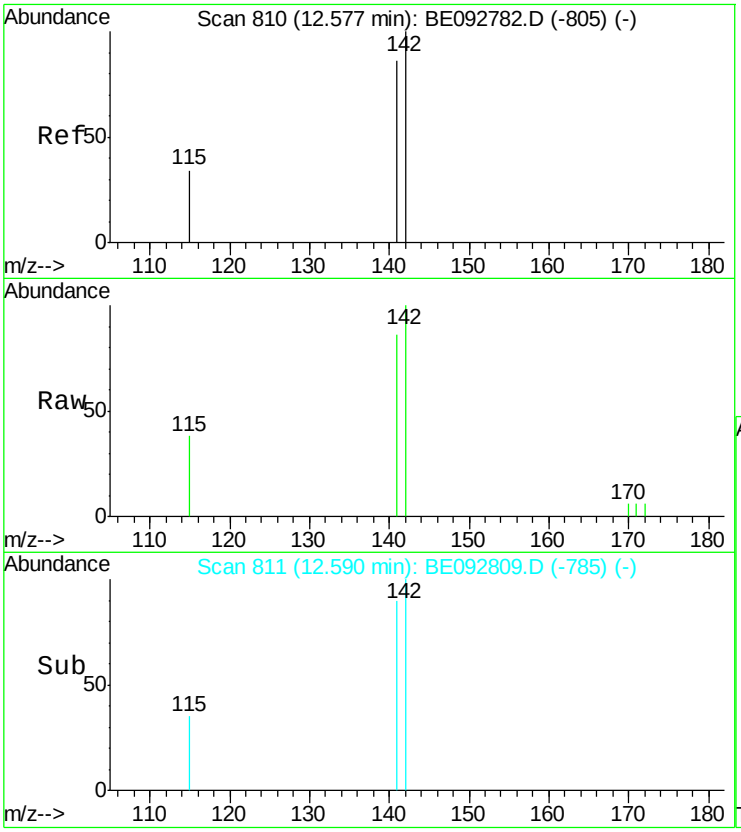


#10
Hexachlorobutadiene
Concen: 0.44 ng
RT: 11.20 min Scan# 721
Delta R.T. -0.02 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Tgt Ion:225 Resp: 590

Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	64.6	51.4	77.0



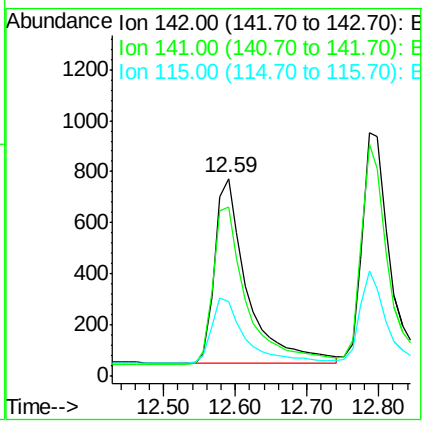


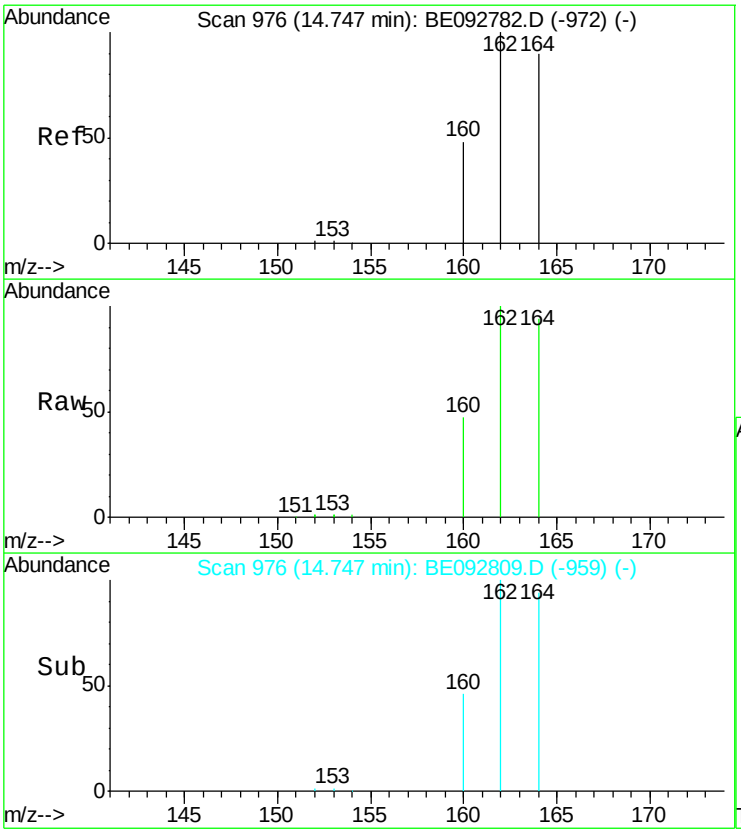
#11
2-Methylnaphthalene
Concen: 0.37 ng
RT: 12.59 min Scan# 811
Delta R.T. 0.00 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:142 Resp: 2261

Ion	Ratio	Lower	Upper
142	100		
141	85.8	73.7	110.5
115	37.8	34.0	51.0

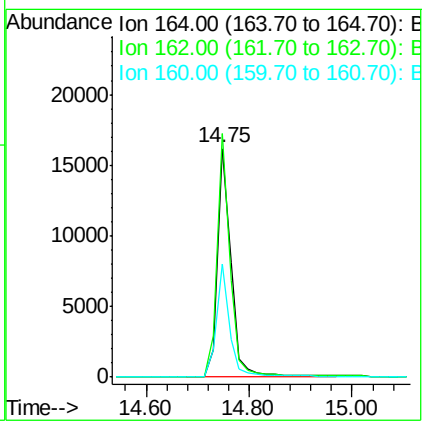


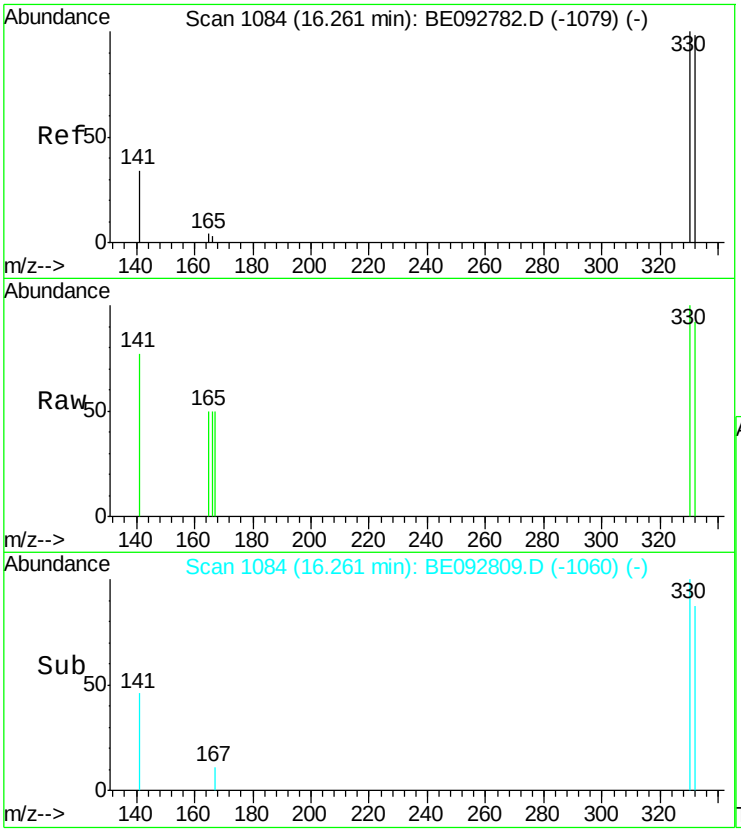


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.75 min Scan# 976
Delta R.T. -0.02 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Tgt Ion:164 Resp: 29462

Ion	Ratio	Lower	Upper
164	100		
162	106.6	71.4	107.0
160	49.7	27.4	41.2#



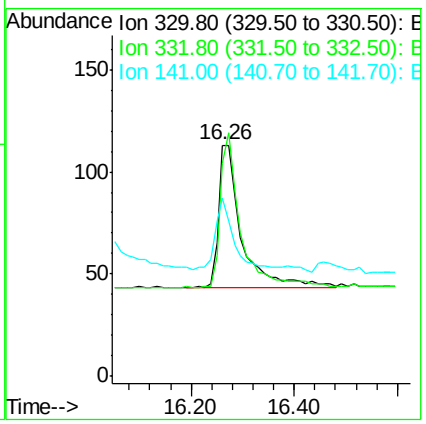


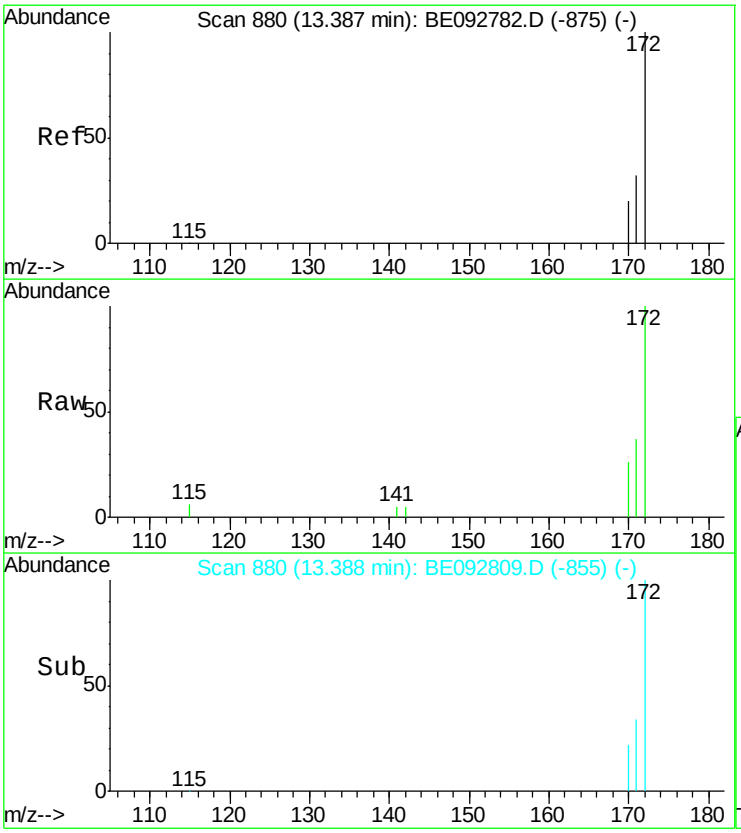
#13
2,4,6-Tribromophenol
Concen: 0.28 ng
RT: 16.26 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:330 Resp: 218

Ion	Ratio	Lower	Upper
330	100		
332	97.2	75.4	113.0
141	39.0	31.0	46.6

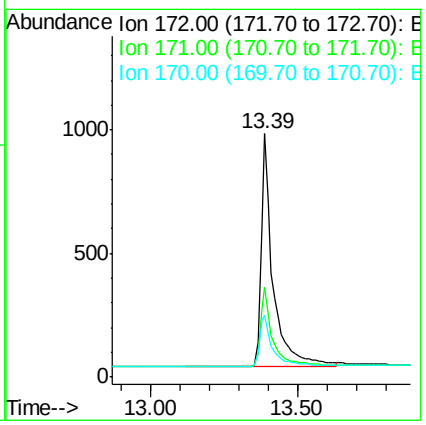


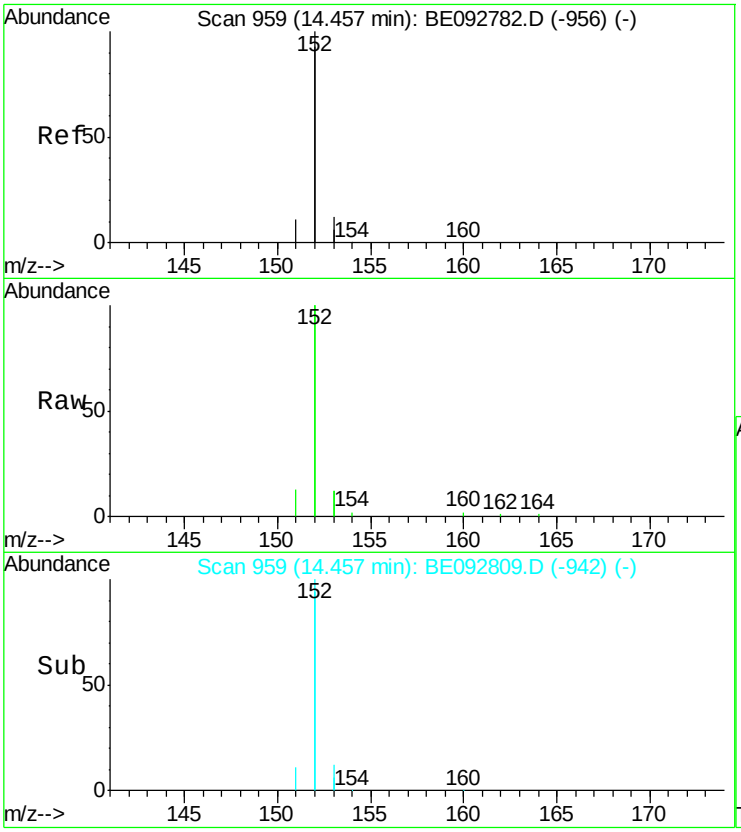


#14
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 13.39 min Scan# 880
Delta R.T. -0.01 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Tgt Ion:172 Resp: 2634

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.1	45.1
170	25.6	21.8	32.6



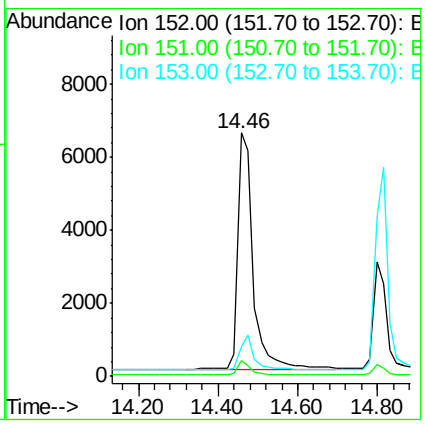


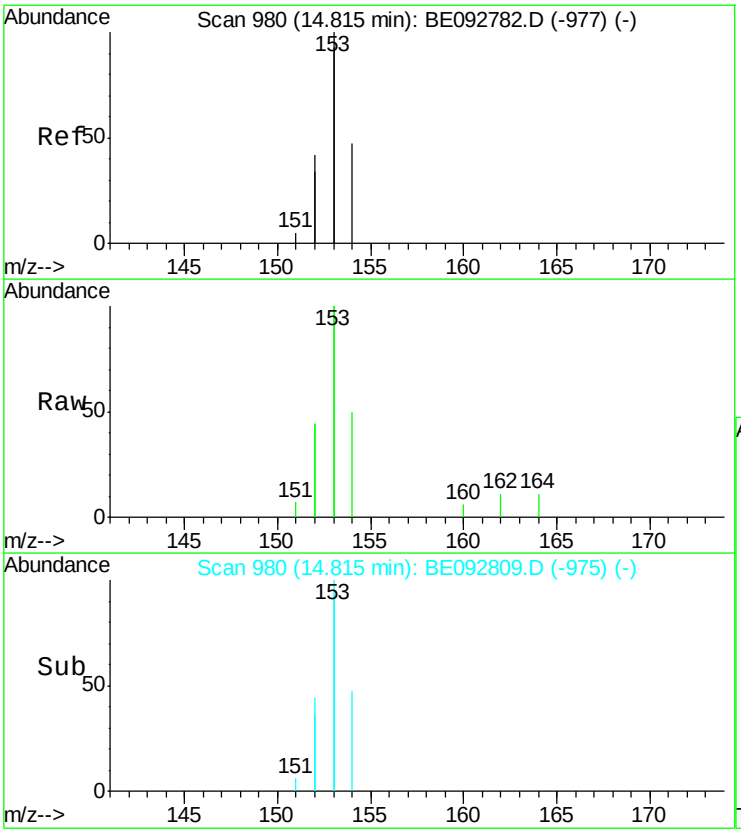
#15
Acenaphthylene
Concen: 0.38 ng
RT: 14.46 min Scan# 959
Delta R.T. -0.02 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 17182

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.9	5.9
153	12.4	10.4	15.6

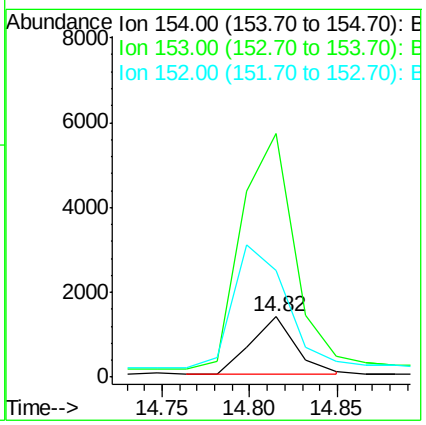


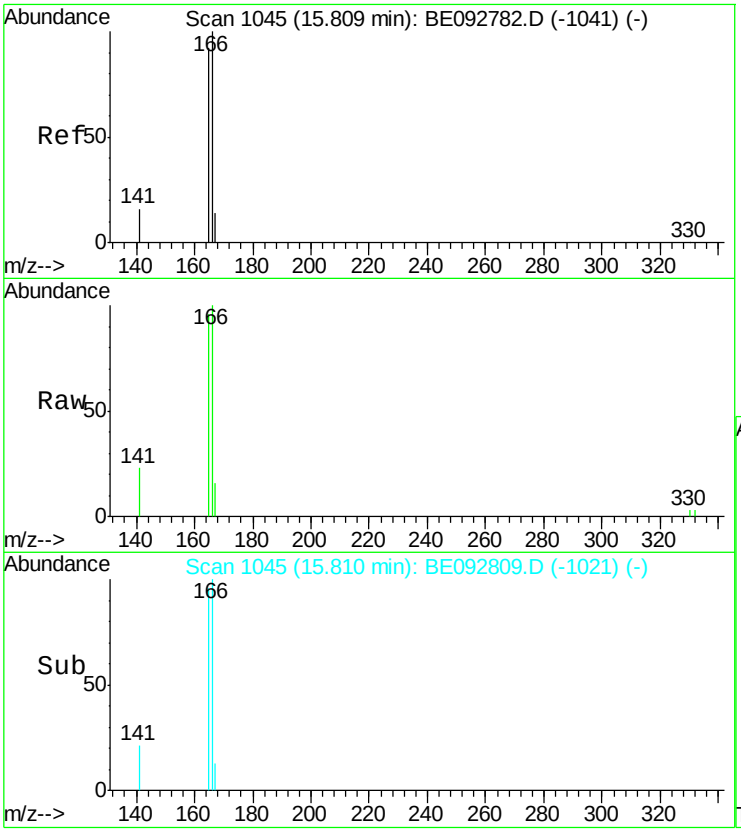


#16
Acenaphthene
Concen: 0.39 ng
RT: 14.82 min Scan# 980
Delta R.T. -0.02 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Tgt Ion:154 Resp: 2458

Ion	Ratio	Lower	Upper
154	100		
153	478.0	350.8	526.2
152	249.5	171.1	256.7



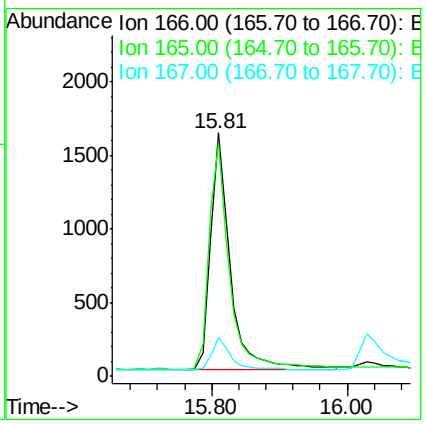


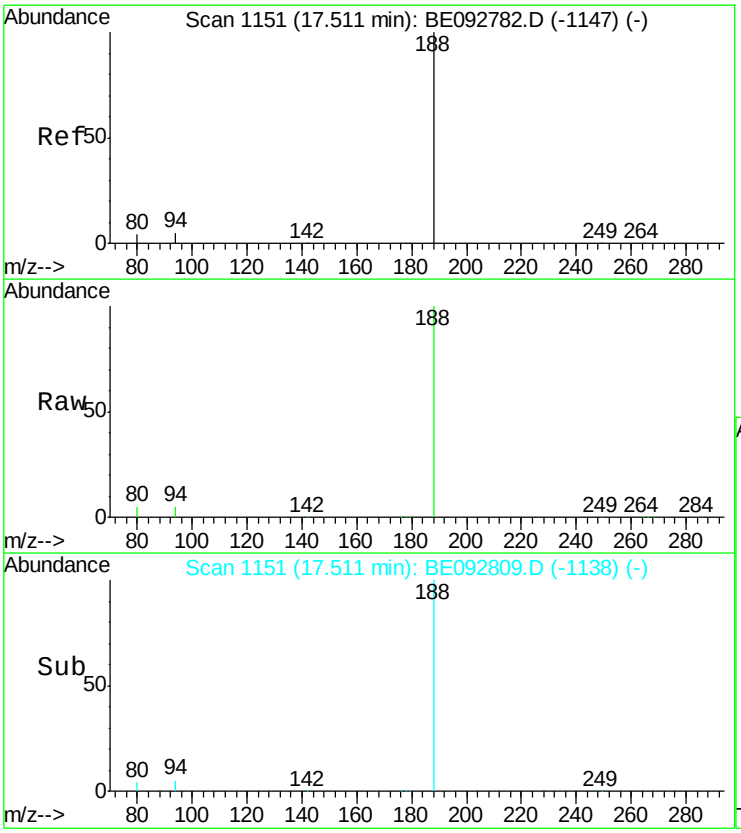
#17
Fluorene
Concen: 0.38 ng
RT: 15.81 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:166 Resp: 3280

Ion	Ratio	Lower	Upper
166	100		
165	99.8	78.2	117.4
167	13.4	11.0	16.4

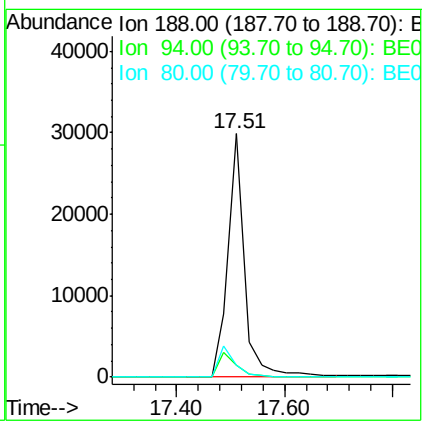


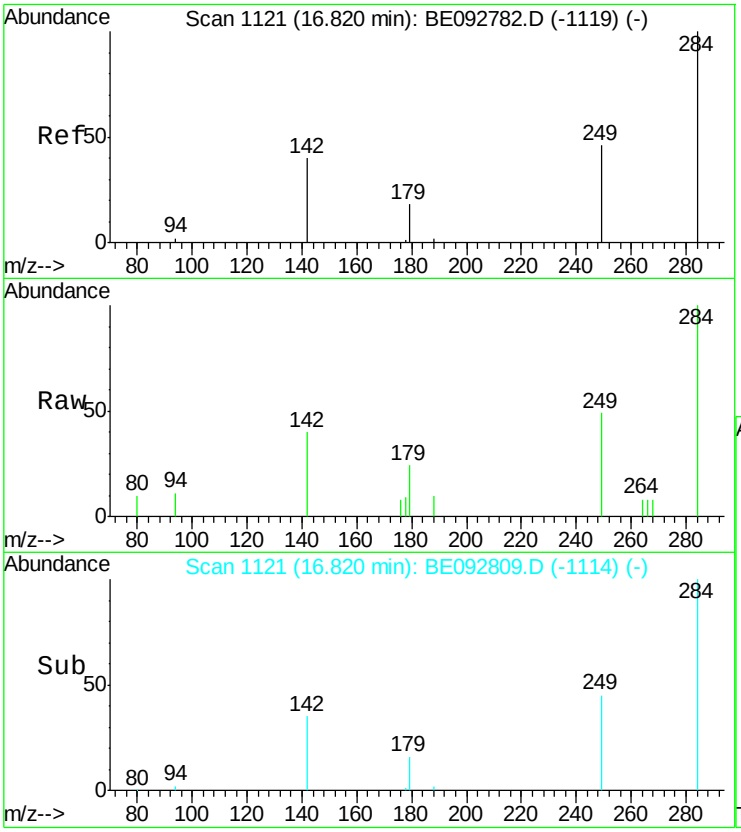


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.51 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Tgt Ion:188 Resp: 63202

Ion	Ratio	Lower	Upper
188	100		
94	5.0	3.2	4.8#
80	4.7	2.6	3.8#



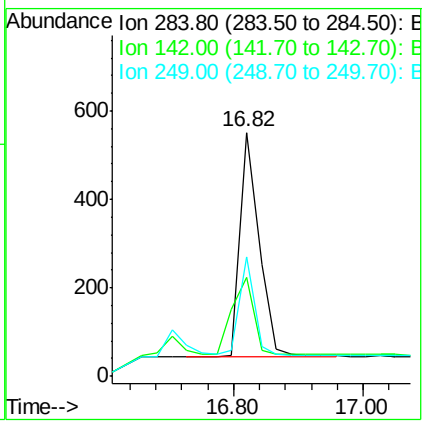


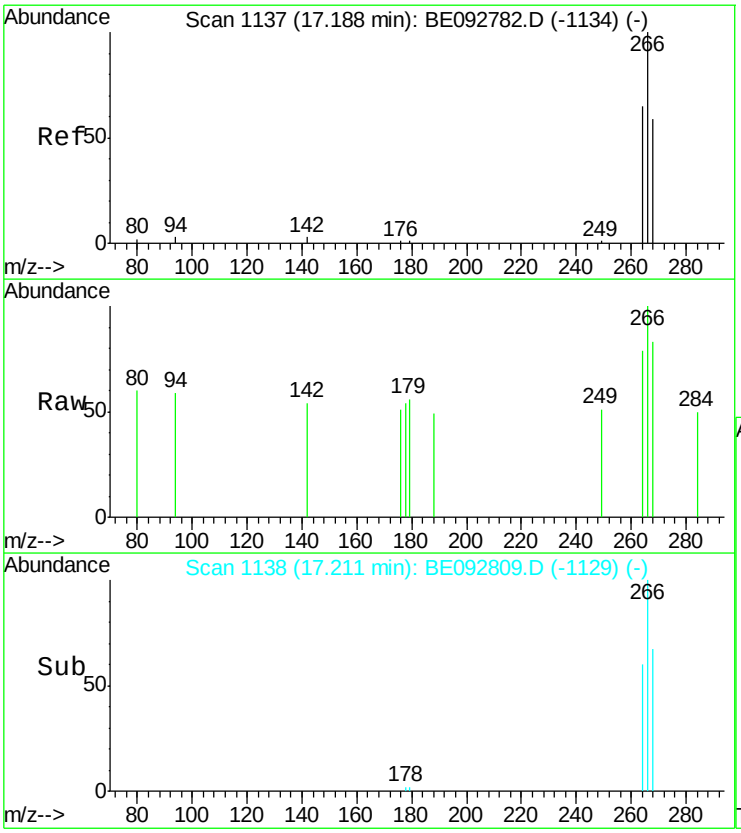
#19
Hexachlorobenzene
Concen: 0.40 ng
RT: 16.82 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 1037

Ion	Ratio	Lower	Upper
284	100		
142	38.8	29.1	43.7
249	35.7	27.9	41.9

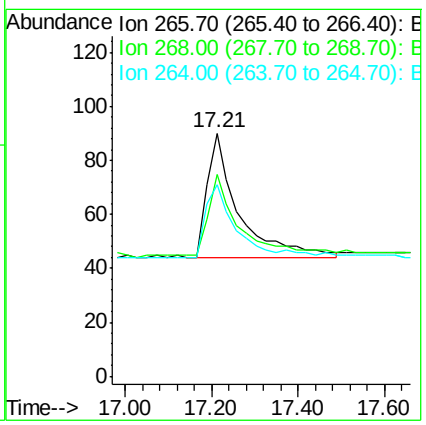


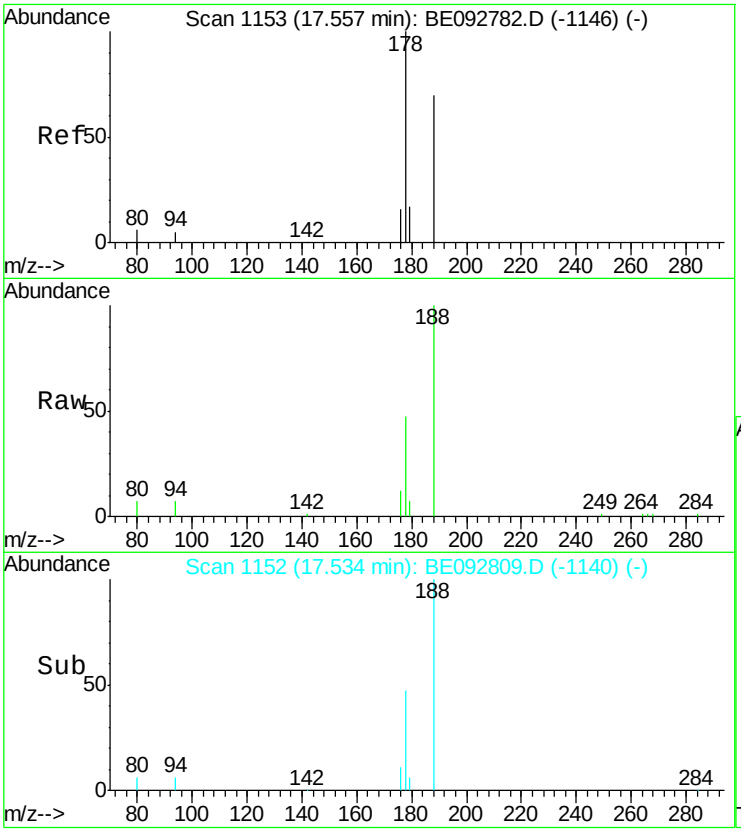


#20
Pentachlorophenol
Concen: 0.33 ng
RT: 17.21 min Scan# 1138
Delta R.T. -0.09 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Tgt Ion:266 Resp: 234

Ion	Ratio	Lower	Upper
266	100		
268	83.3	62.5	93.7
264	78.9	57.2	85.8



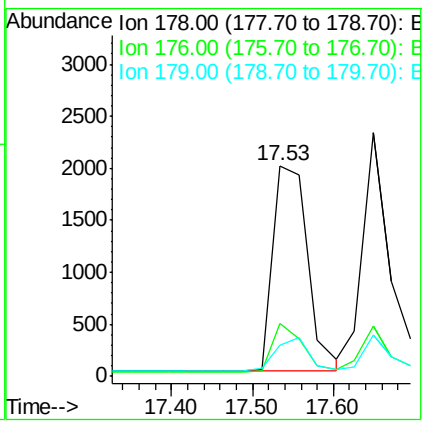


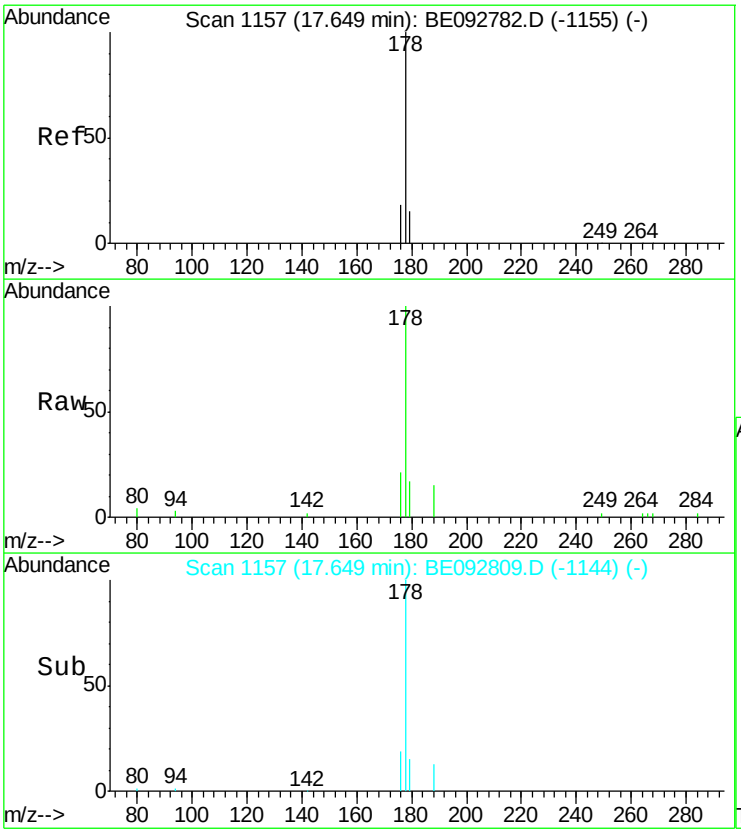
#21
Phenanthrene
Concen: 0.39 ng
RT: 17.53 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 5962

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	0.0	16.0	24.0#

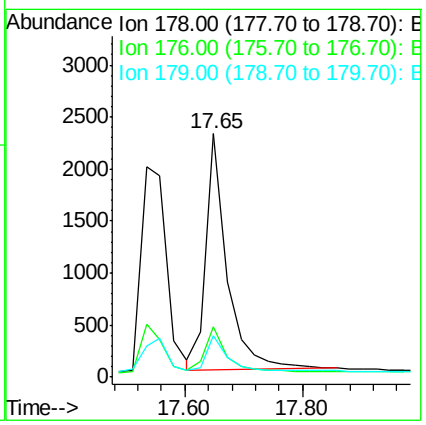


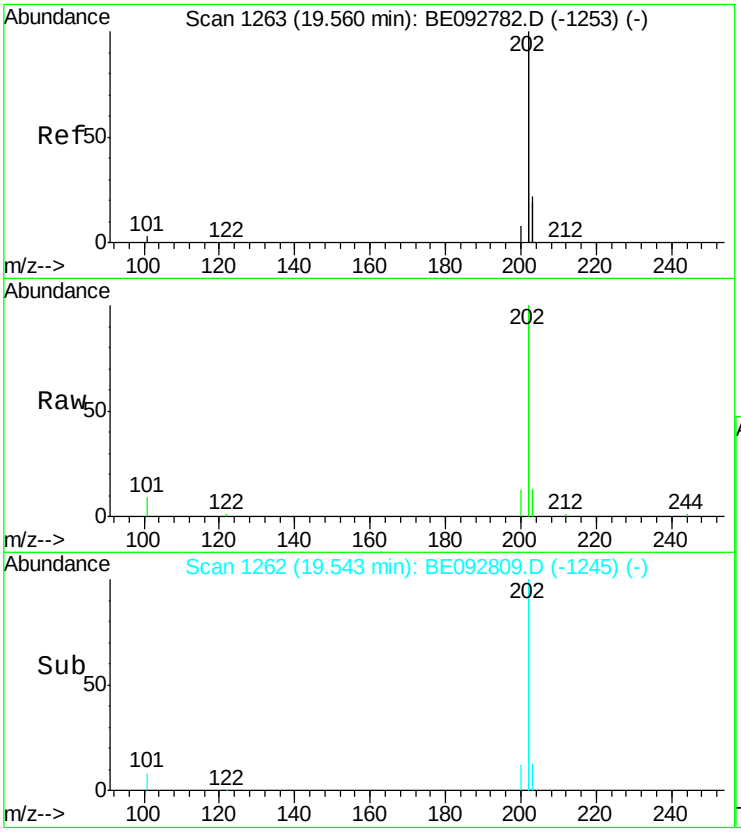


#22
Anthracene
Concen: 0.37 ng
RT: 17.65 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Tgt Ion:178 Resp: 5681

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	15.2	12.2	18.2



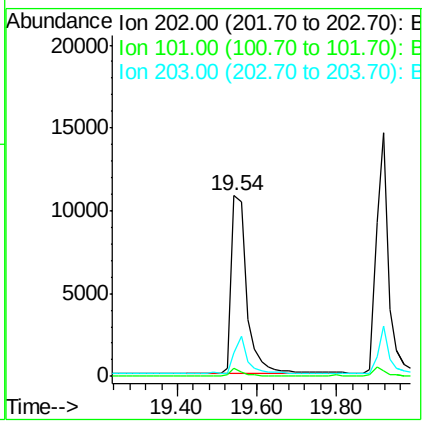


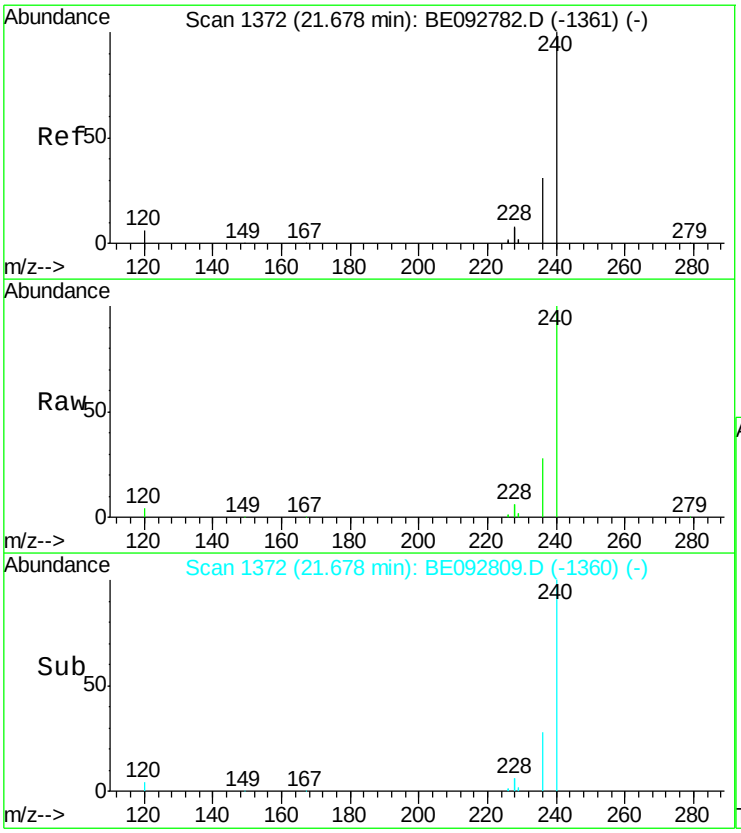
#23
Fluoranthene
Concen: 0.39 ng
RT: 19.54 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 28941

Ion	Ratio	Lower	Upper
202	100		
101	2.9	2.2	3.4
203	17.3	13.7	20.5

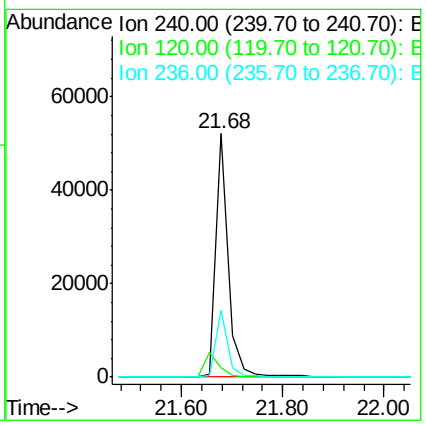


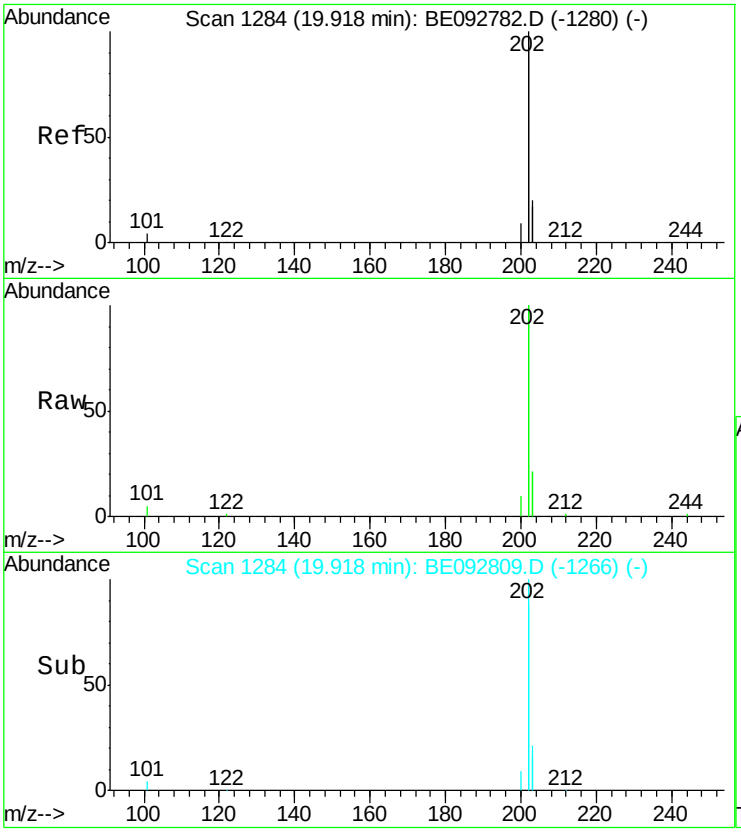


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.68 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Tgt Ion:240 Resp: 89132

Ion	Ratio	Lower	Upper
240	100		
120	3.7	2.6	4.0
236	27.6	24.6	37.0



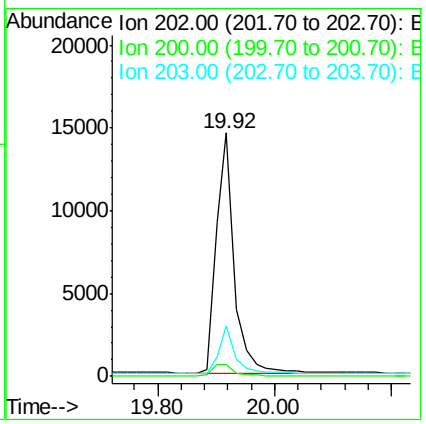


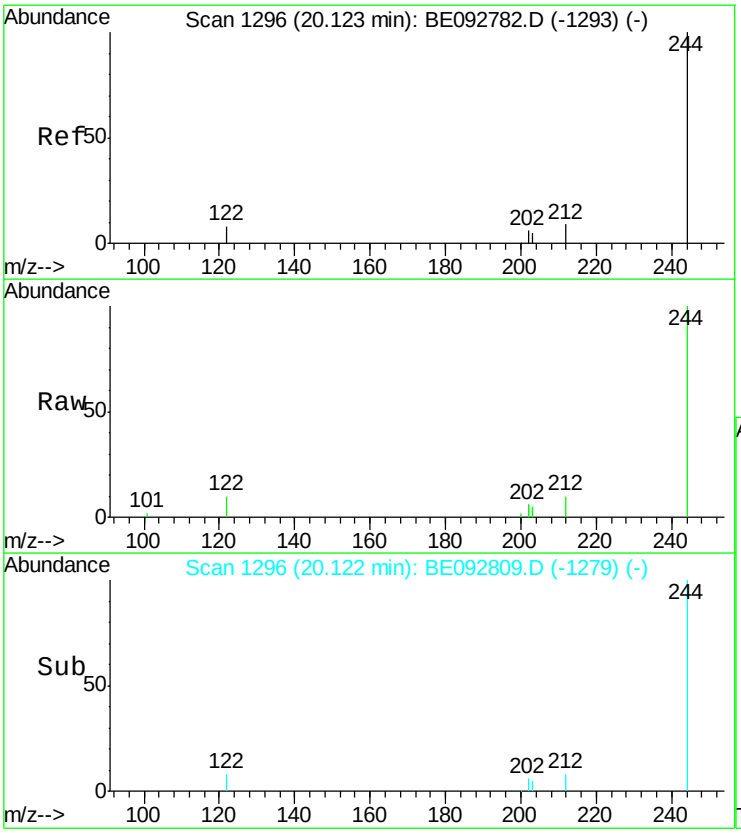
#25
Pyrene
Concen: 0.38 ng
RT: 19.92 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 30936

Ion	Ratio	Lower	Upper
202	100		
200	5.4	4.2	6.4
203	17.3	13.9	20.9

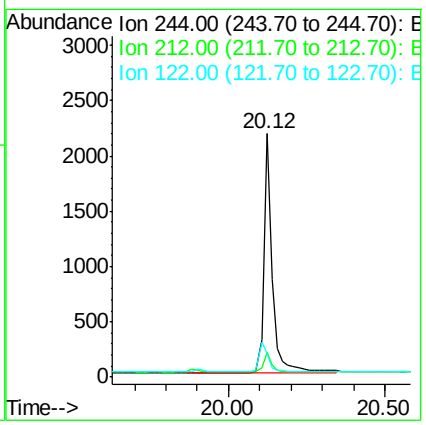


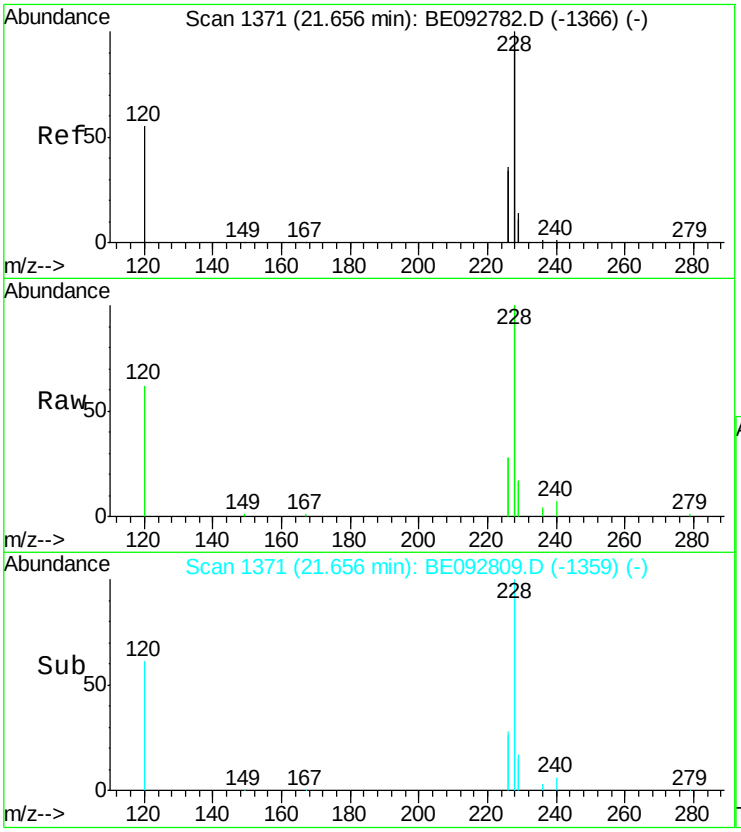


#26
Terphenyl-d14
Concen: 0.37 ng
RT: 20.12 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Tgt Ion:244 Resp: 3975

Ion	Ratio	Lower	Upper
244	100		
212	10.2	6.7	10.1#
122	9.7	3.6	5.4#



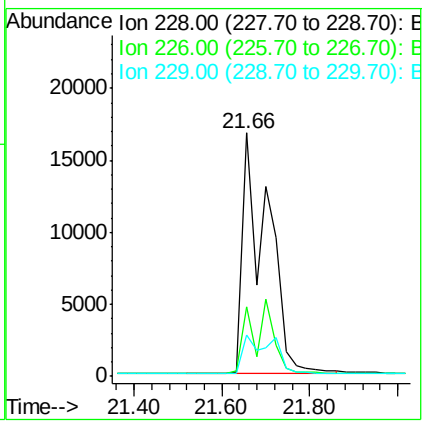


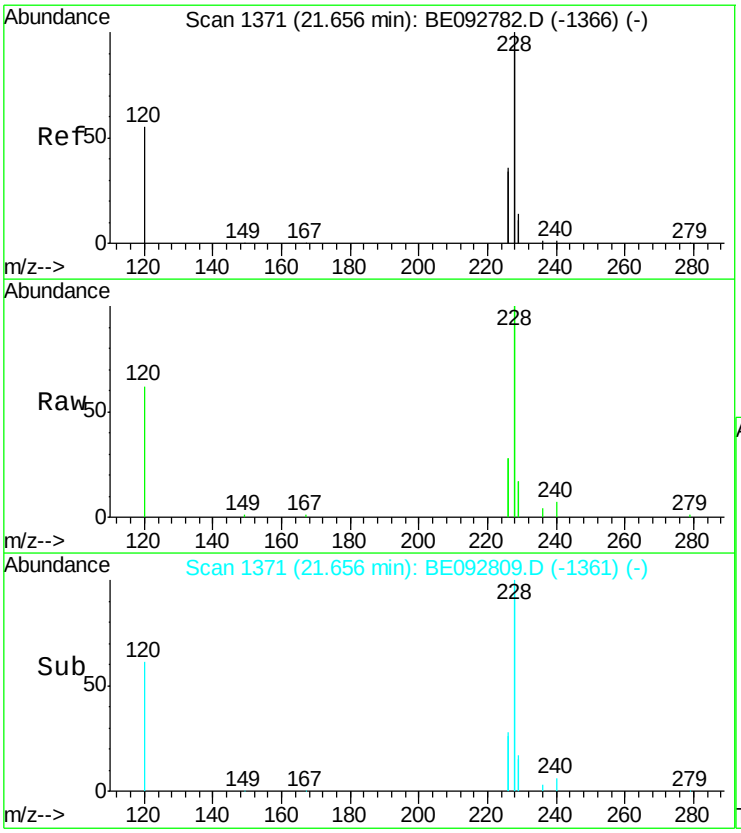
#27
Benzo(a)anthracene
Concen: 0.77 ng
RT: 21.66 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 65874

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.6	35.4
229	16.9	13.3	19.9

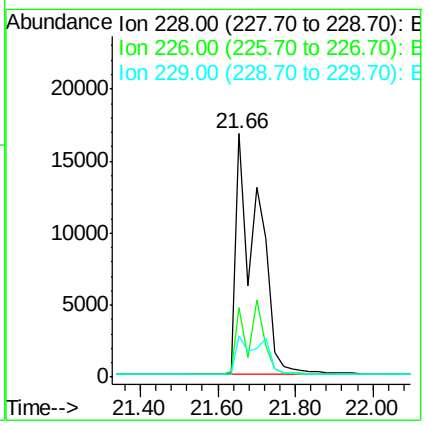


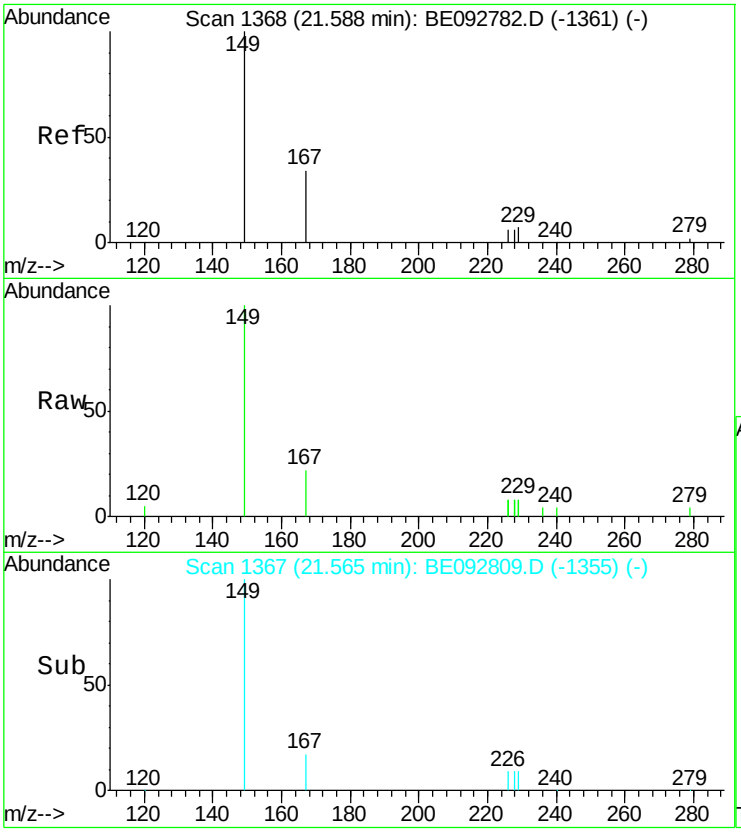


#28
Chrysene
Concen: 0.81 ng
RT: 21.66 min Scan# 1371
Delta R.T. -0.07 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Tgt Ion:228 Resp: 66204

Ion	Ratio	Lower	Upper
228	100		
226	28.4	36.3	54.5#
229	16.9	10.6	16.0#



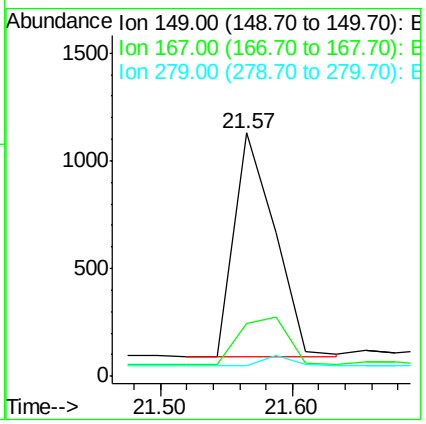


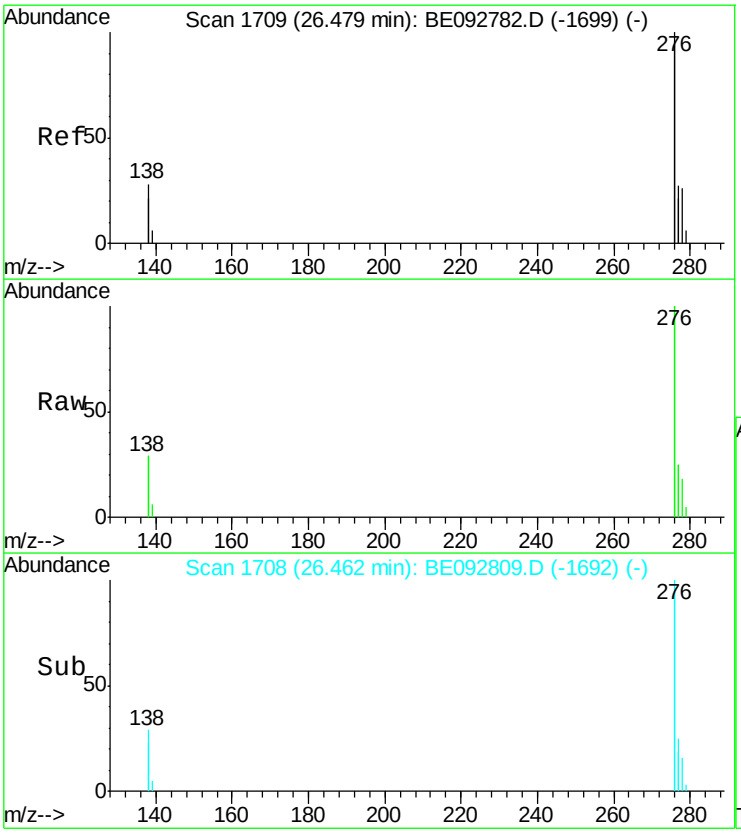
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.30 ng
RT: 21.57 min Scan# 1367
Delta R.T. -0.02 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:149 Resp: 2237

Ion	Ratio	Lower	Upper
149	100		
167	0.0	16.0	24.0#
279	0.0	16.0	24.0#

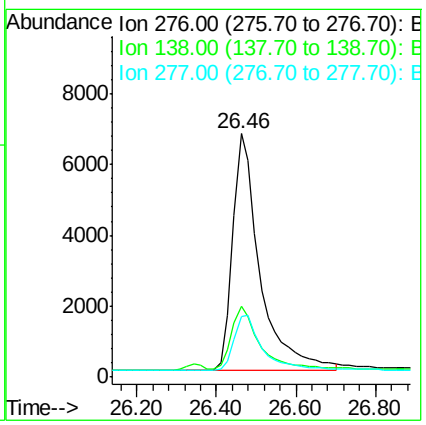


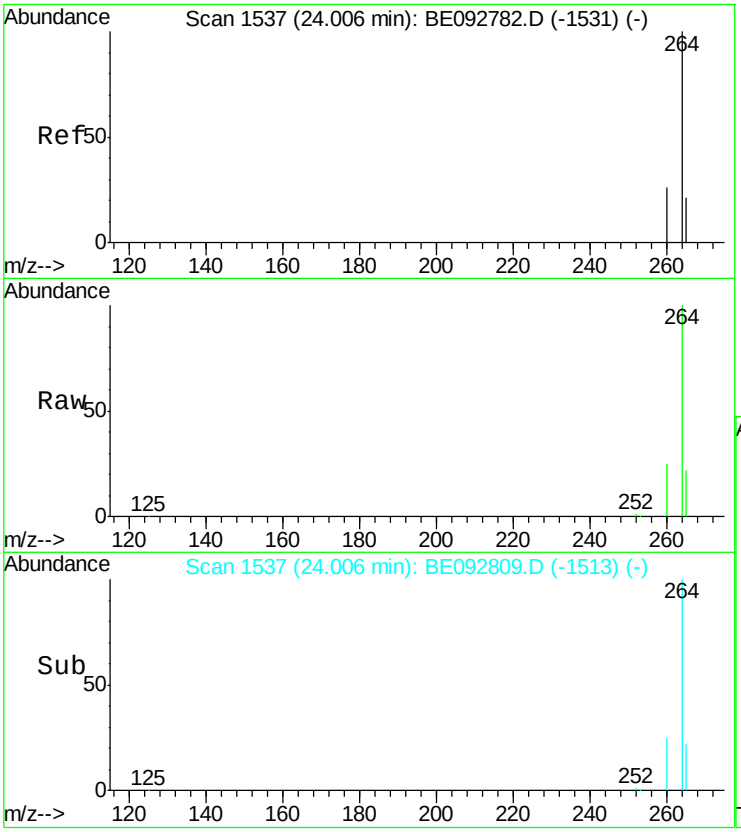


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.36 ng
RT: 26.46 min Scan# 1708
Delta R.T. -0.03 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Tgt Ion:276 Resp: 31837

Ion	Ratio	Lower	Upper
276	100		
138	27.1	20.3	30.5
277	24.5	19.7	29.5



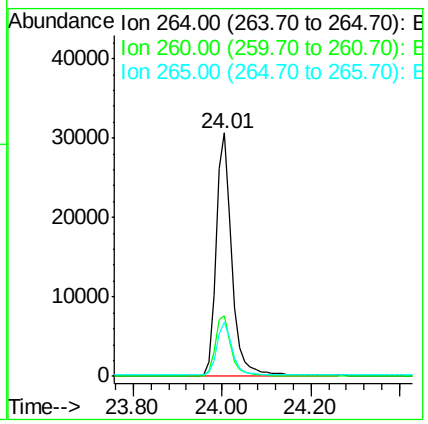


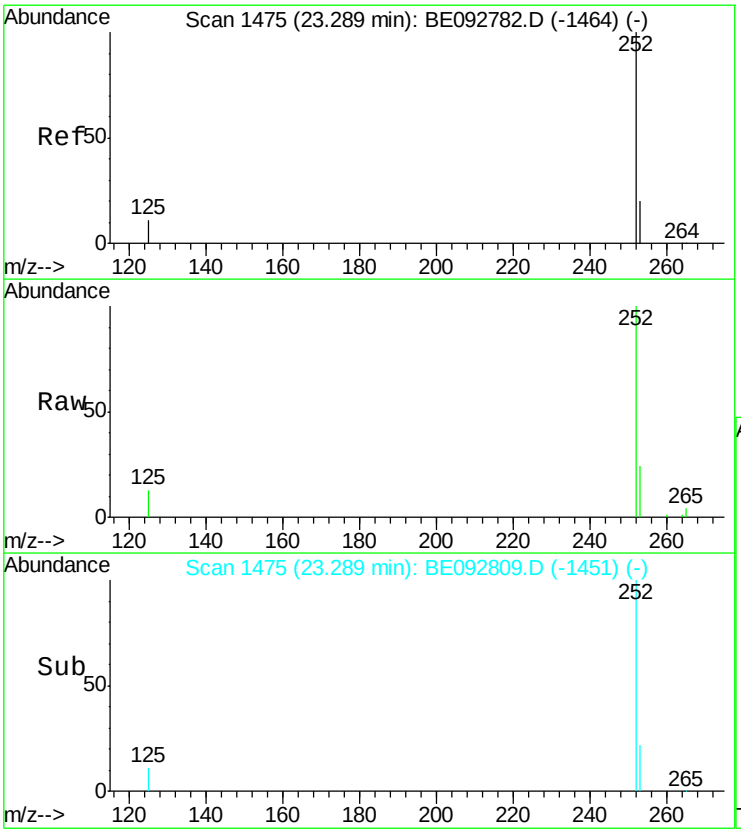
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.01 min Scan# 1537
Delta R.T. -0.02 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:264 Resp: 75103

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	22.3	17.9	26.9

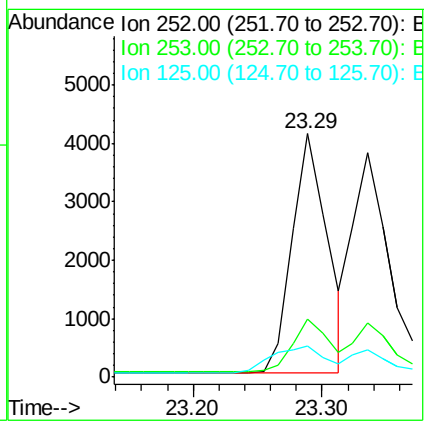


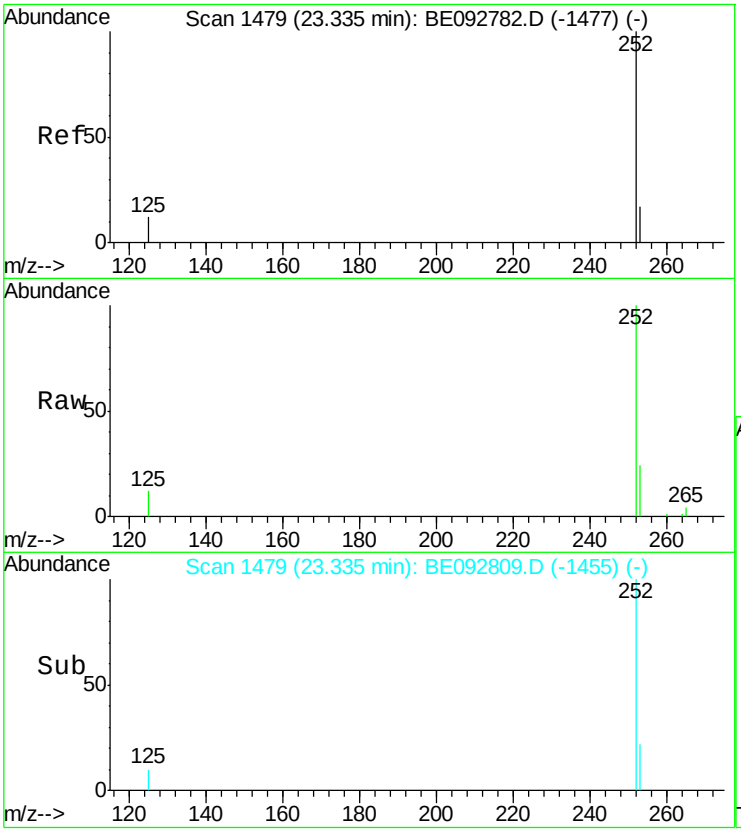


#32
Benzo(b)fluoranthene
Concen: 0.39 ng
RT: 23.29 min Scan# 1475
Delta R.T. -0.02 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Tgt Ion:252 Resp: 7835

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.7	28.1
125	12.6	10.5	15.7



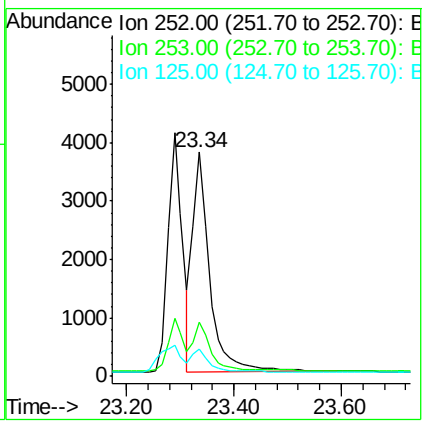


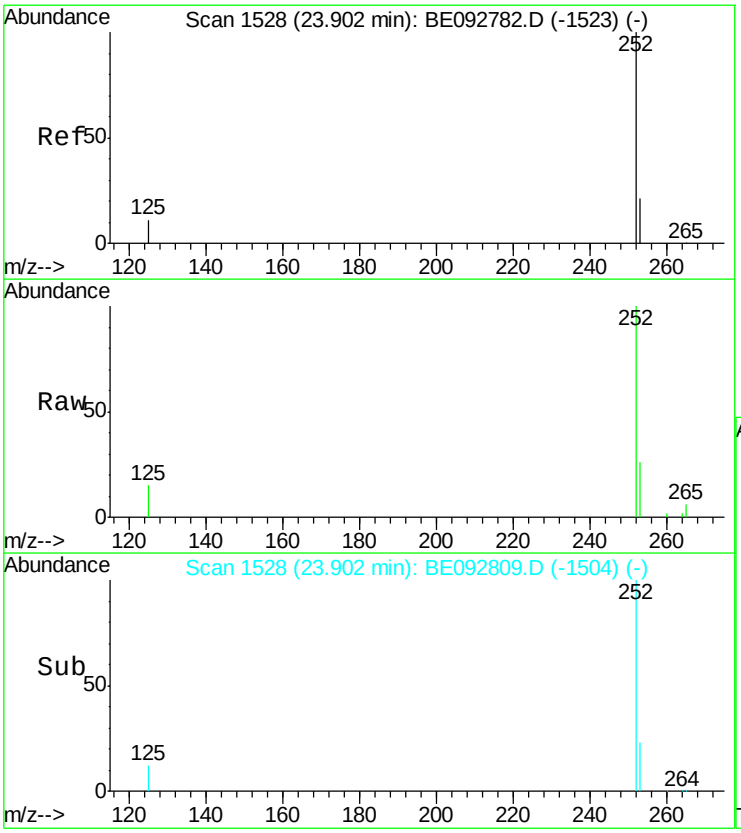
#33
Benzo(k)fluoranthene
Concen: 0.41 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.02 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 8173

Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.3	30.5
125	12.2	9.6	14.4

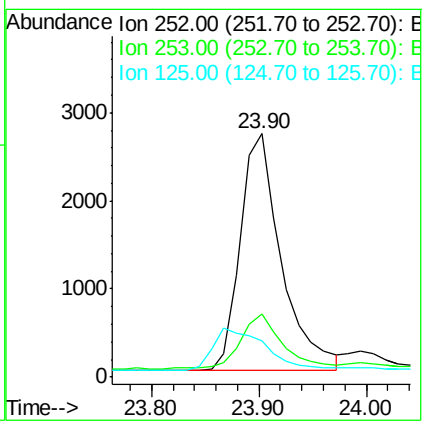


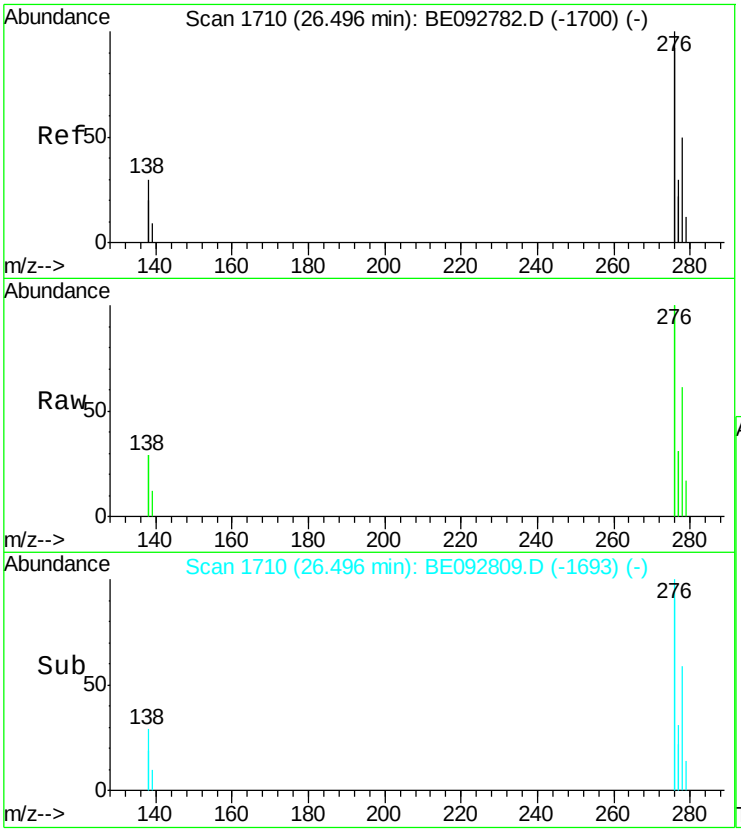


#34
Benzo(a)pyrene
Concen: 0.39 ng
RT: 23.90 min Scan# 1528
Delta R.T. -0.02 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Tgt Ion:252 Resp: 7141

Ion	Ratio	Lower	Upper
252	100		
253	26.1	19.0	28.6
125	14.8	11.8	17.8



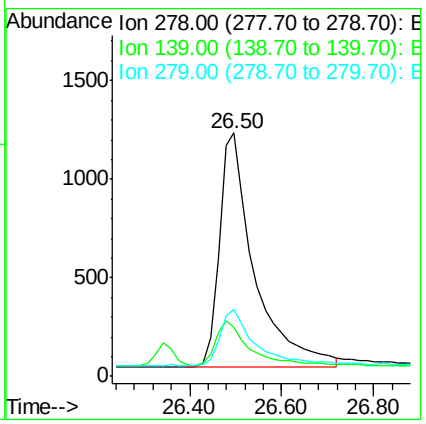


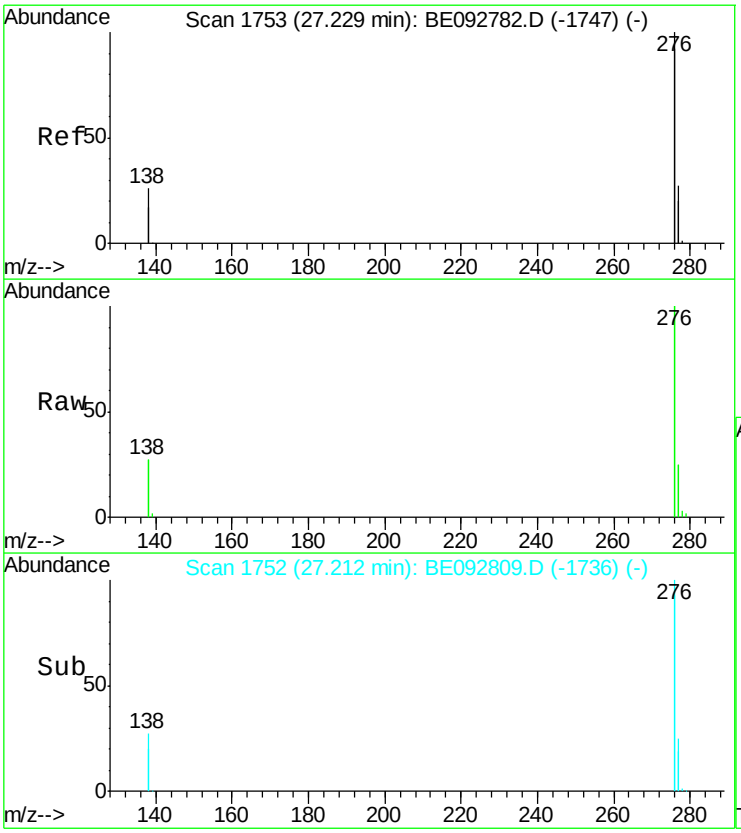
#35
Dibenzo(a,h)anthracene
Concen: 0.36 ng
RT: 26.50 min Scan# 1710
Delta R.T. -0.02 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:278 Resp: 6320

Ion	Ratio	Lower	Upper
278	100		
139	20.1	13.8	20.8
279	27.5	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.38 ng
RT: 27.21 min Scan# 1752
Delta R.T. -0.03 min
Lab File: BE092809.D
Acq: 7 Mar 2017 17:07

Tgt Ion:276 Resp: 28329

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.8	29.8
138	27.3	19.8	29.6