Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022417\
Data File : BE092760.D
Acq On : 24 Feb 2017 15:04
Operator : SJ/MA
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Feb 24 15:47:53 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE021517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 15 17:05:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	9981	5.00	ng		-0.02
7) Naphthalene-d8	10.87	136	43744	5.00	ng		-0.02
12) Acenaphthene-d10	14.75	164	30436	5.00	ng		-0.02
18) Phenanthrene-d10	17.51	188	67627	5.00	ng		0.00
24) Chrysene-d12	21.68	240	95269	5.00	ng		-0.02
31) Perylene-d12	24.01	264	88153	5.00	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.60	112	979	0.50	ng		-0.03
5) Phenol-d6	7.27	99	1236	0.52	ng		-0.05
8) Nitrobenzene-d5	9.27	82	1164m	0.47	ng		-0.05
13) 2,4,6-Tribromophenol	16.25	330	398	0.62	ng		-0.03
14) 2-Fluorobiphenyl	13.37	172	2871	0.39	ng		-0.02
26) Terphenyl-d14	20.12	244	4883	0.40	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	619	0.45	ng		89
3) n-Nitrosodimethylamine	3.69	42	688	0.57	ng		99
6) bis(2-Chloroethyl)ether	7.52	93	1238	0.47	ng	#	85
9) Naphthalene	10.93	128	4135	0.44	ng		98
10) Hexachlorobutadiene	11.22	225	562	0.40	ng		99
11) 2-Methylnaphthalene	12.57	142	2401m	0.40	ng		
15) Acenaphthylene	14.46	152	18476	0.40	ng		100
16) Acenaphthene	14.82	154	2662	0.40	ng		86
17) Fluorene	15.80	166	3770	0.44	ng		99
19) Hexachlorobenzene	16.82	284	1034	0.40	ng		97
20) Pentachlorophenol	17.19	266	452	0.83	ng		97
21) Phenanthrene	17.53	178	6553	0.41	ng	#	78
22) Anthracene	17.65	178	6353	0.43	ng	#	76
23) Fluoranthene	19.54	202	34723	0.50	ng		100
25) Pyrene	19.90	202	36296	0.40	ng		99
27) Benzo(a)anthracene	21.66	228	41183m	0.45	ng		
28) Chrysene	21.72	228	36037m	0.33	ng		
29) Bis(2-ethylhexyl)phthalate	21.59	149	4601	0.42	ng	#	69
30) Indeno(1,2,3-cd)pyrene	26.46	276	39512	0.38	ng		97
32) Benzo(b)fluoranthene	23.29	252	9154	0.42	ng		99
33) Benzo(k)fluoranthene	23.34	252	9853	0.40	ng		97
34) Benzo(a)pyrene	23.90	252	8672	0.38	ng		98
35) Dibenzo(a,h)anthracene	26.48	278	8298	0.38	ng		96
36) Benzo(g,h,i)perylene	27.21	276	34678	0.38	ng		99

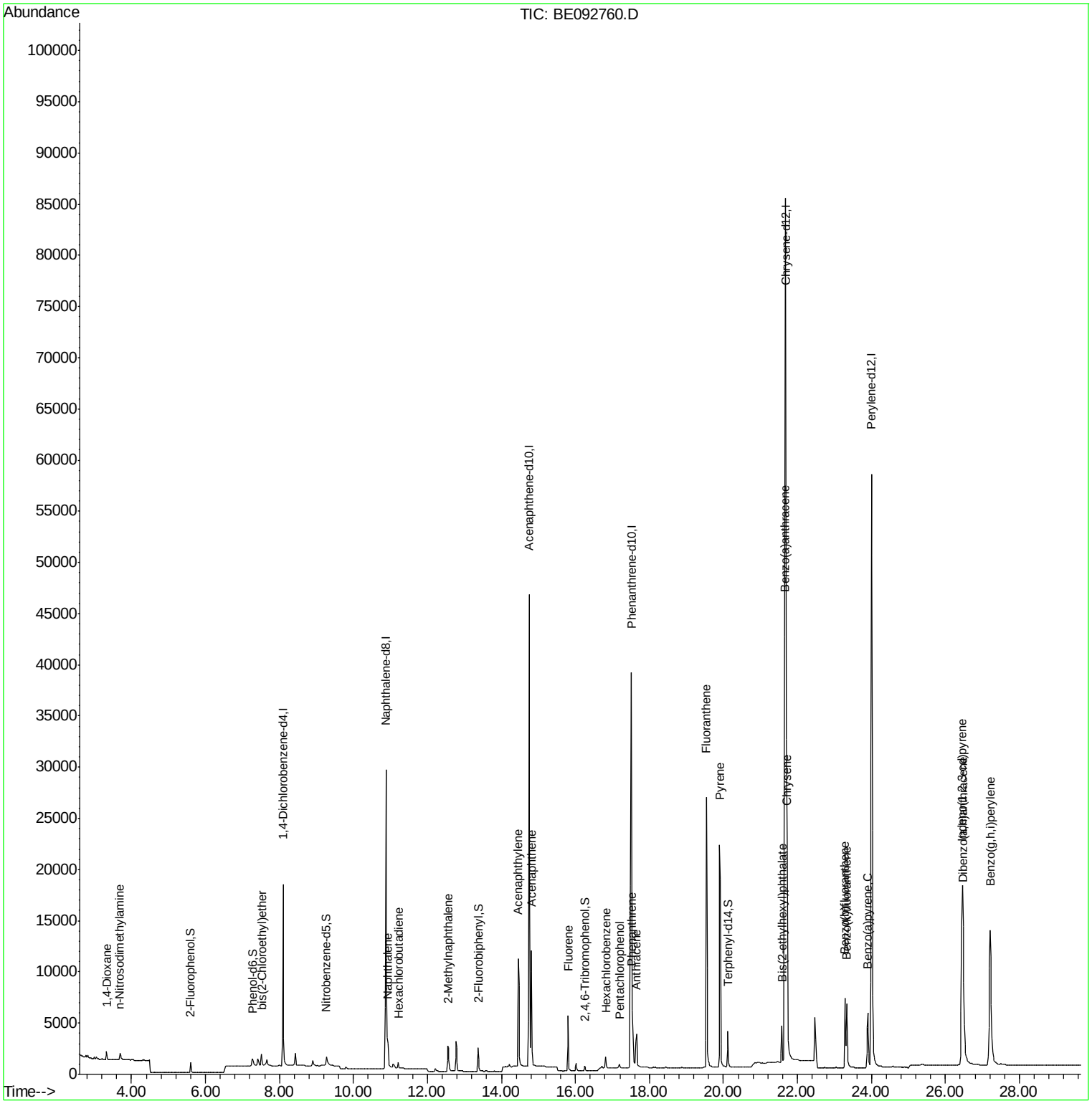
(#) = qualifier out of range (m) = manual integration (+) = signals summed

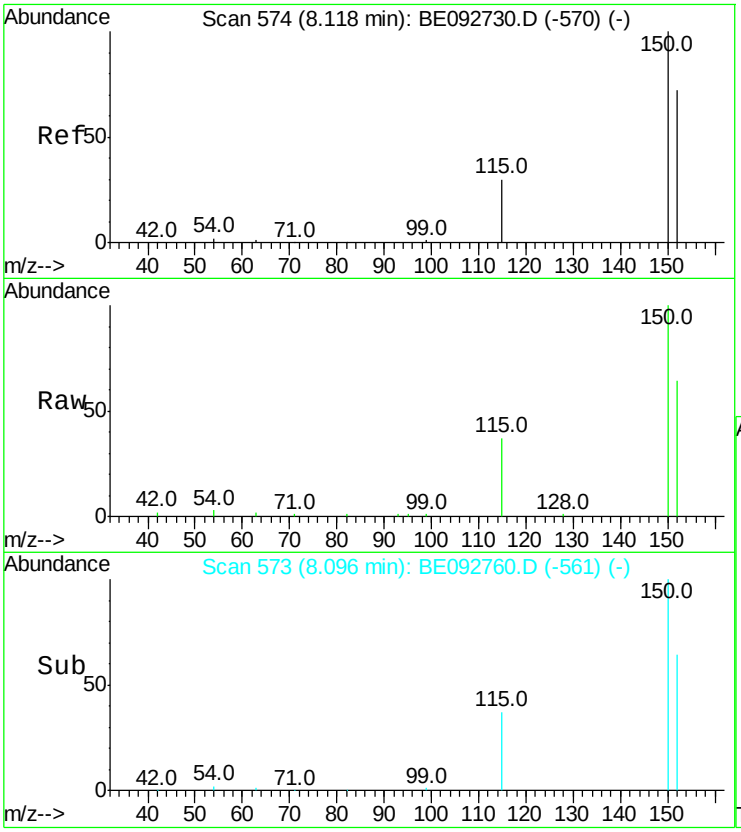
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022417\
Data File : BE092760.D
Acq On : 24 Feb 2017 15:04
Operator : SJ/MA
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Feb 24 15:47:53 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE021517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 15 17:05:20 2017
Response via : Initial Calibration



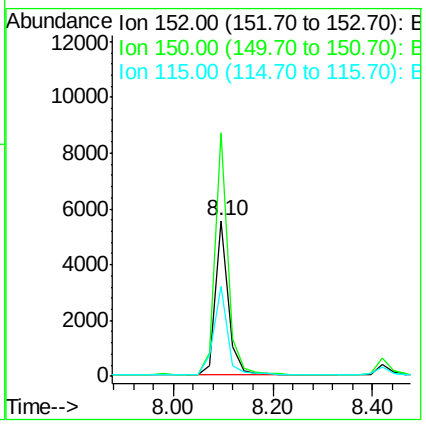


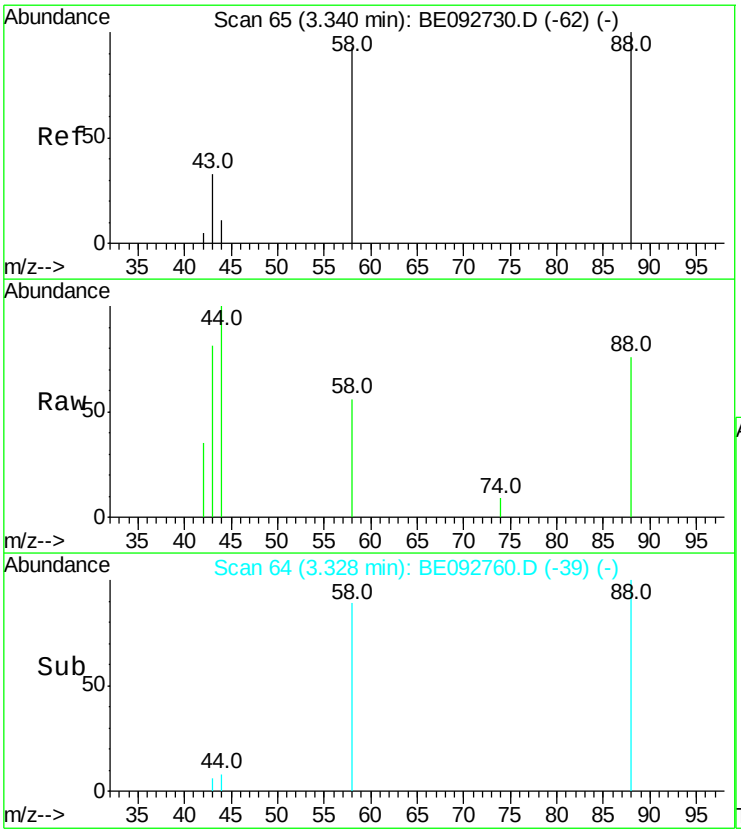
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.10 min Scan# 573
Delta R.T. -0.02 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 9981

Ion	Ratio	Lower	Upper
152	100		
150	156.5	106.0	159.0
115	58.1	31.2	46.8#

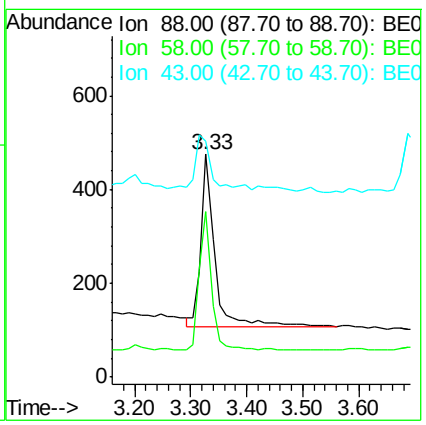


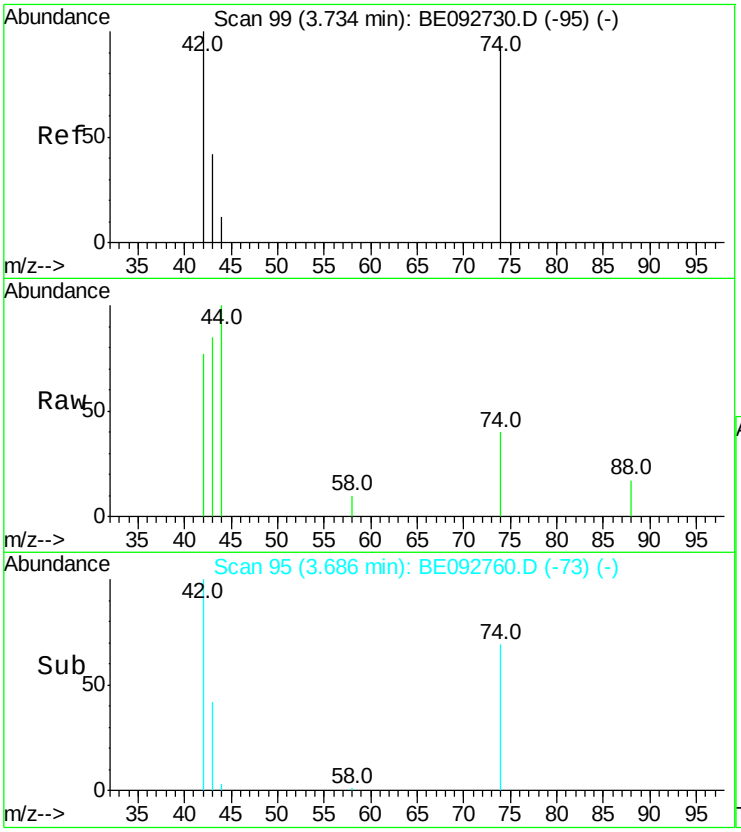


#2
1,4-Dioxane
Concen: 0.45 ng
RT: 3.33 min Scan# 64
Delta R.T. -0.01 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Tgt Ion: 88 Resp: 619

Ion	Ratio	Lower	Upper
88	100		
58	68.3	63.6	95.4
43	38.9	28.0	42.0



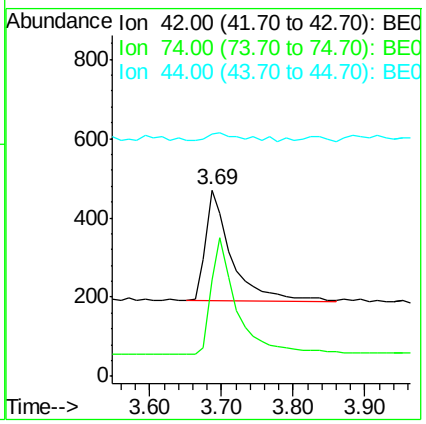


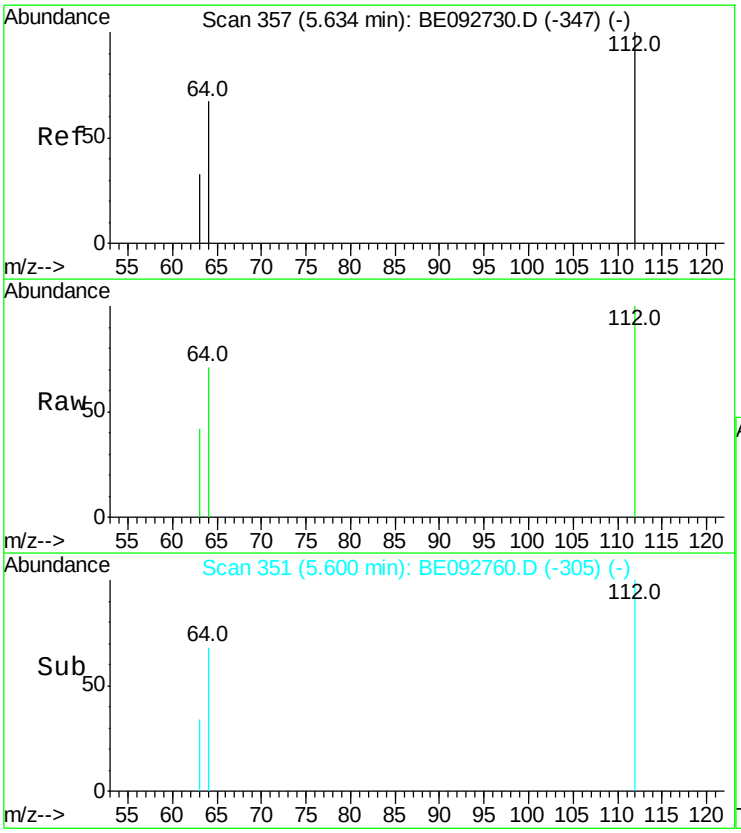
#3
n-Nitrosodimethylamine
Concen: 0.57 ng
RT: 3.69 min Scan# 95
Delta R.T. -0.05 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 688

Ion	Ratio	Lower	Upper
42	100		
74	108.6	86.0	129.0
44	7.0	5.1	7.7

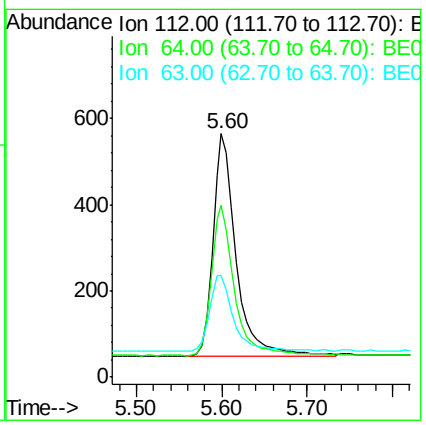


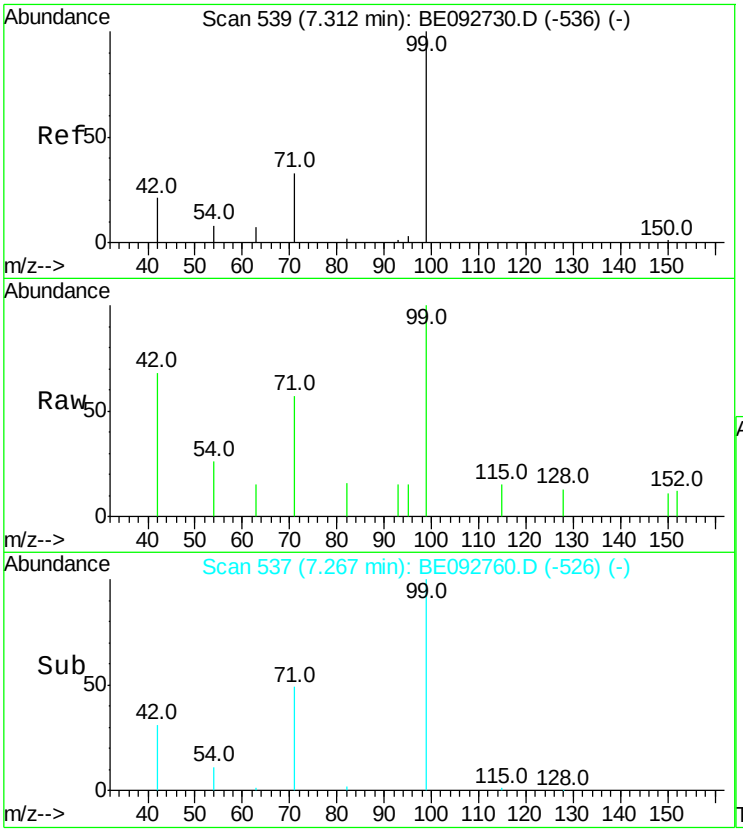


#4
2-Fluorophenol
Concen: 0.50 ng
RT: 5.60 min Scan# 351
Delta R.T. -0.03 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Tgt Ion:112 Resp: 979

Ion	Ratio	Lower	Upper
112	100		
64	69.4	53.5	80.3
63	35.5	27.9	41.9



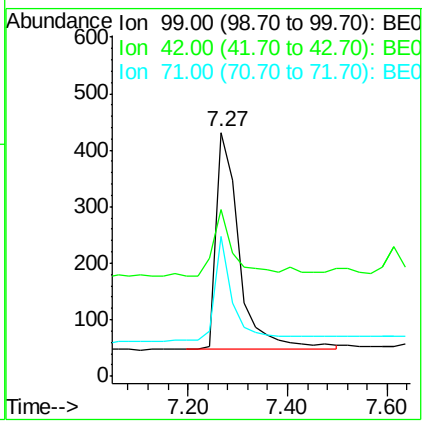


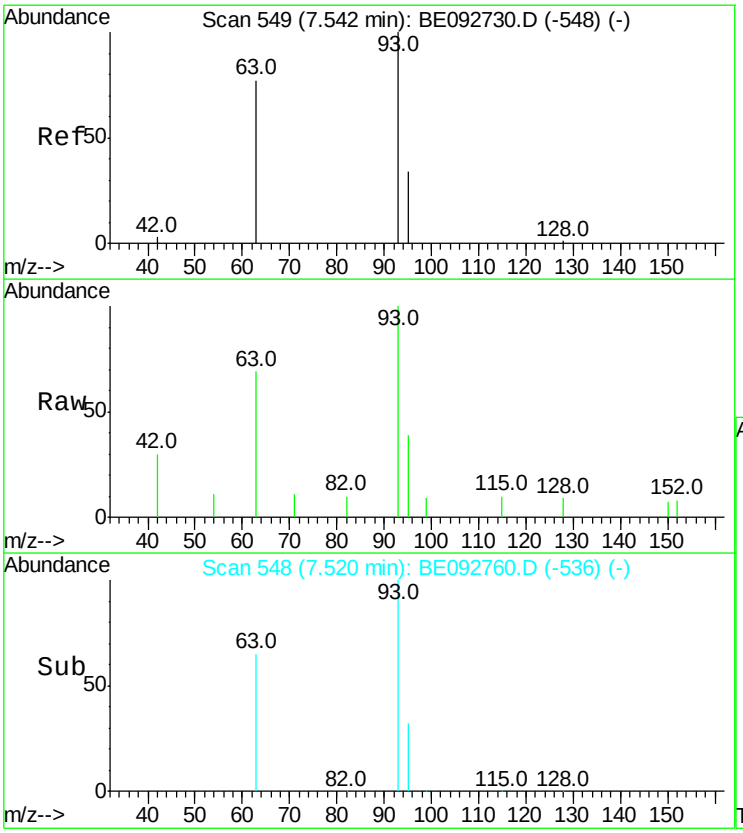
#5
Phenol-d6
Concen: 0.52 ng
RT: 7.27 min Scan# 537
Delta R.T. -0.05 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 1236

Ion	Ratio	Lower	Upper
99	100		
42	27.2	16.0	24.0#
71	39.3	30.6	45.8

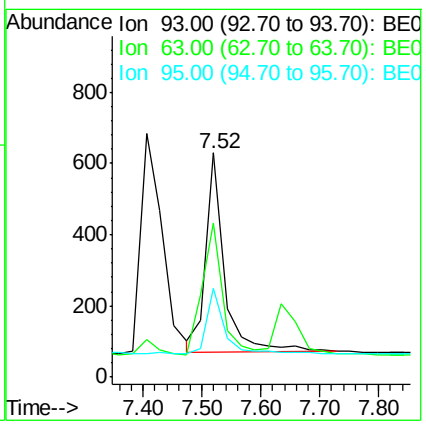


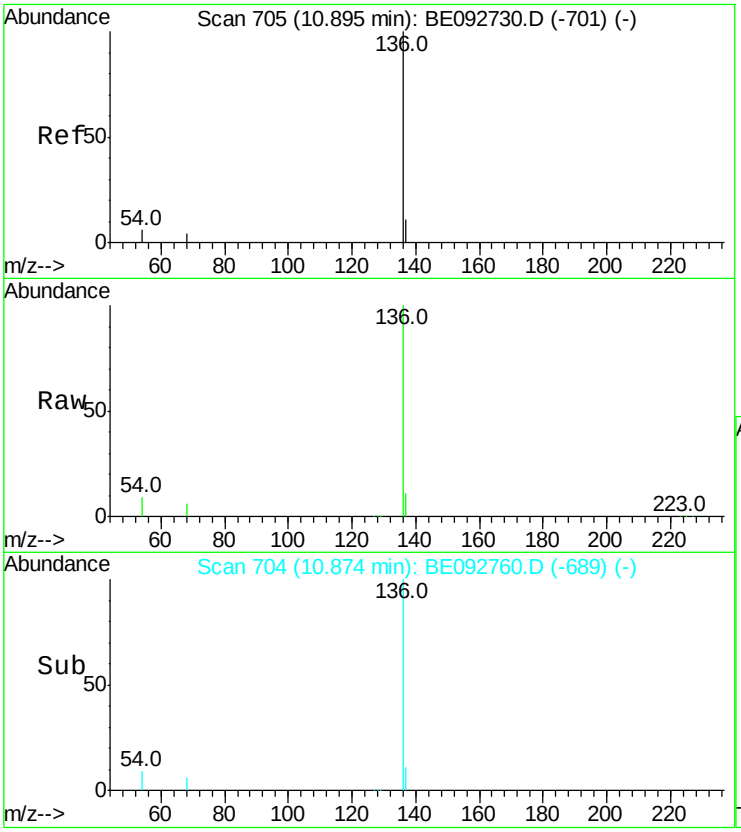


#6
bis(2-Chloroethyl)ether
Concen: 0.47 ng
RT: 7.52 min Scan# 548
Delta R.T. -0.02 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Tgt Ion: 93 Resp: 1238

Ion	Ratio	Lower	Upper
93	100		
63	71.2	71.6	107.4#
95	31.8	24.0	36.0



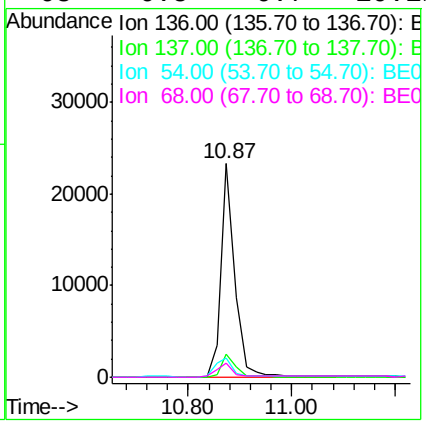


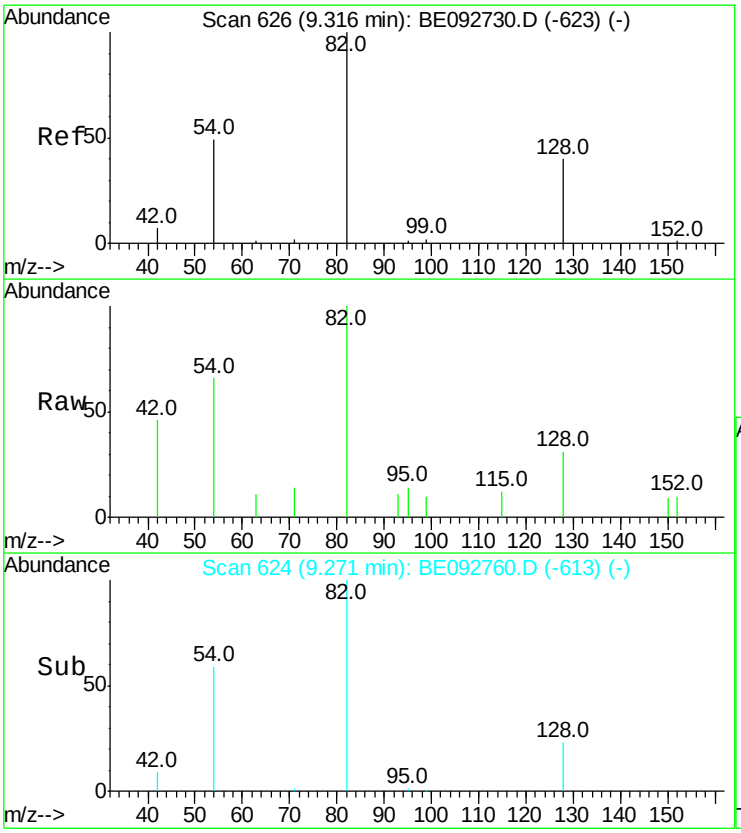
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.87 min Scan# 704
Delta R.T. -0.02 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 43744

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.4
54	8.9	9.6	14.4#
68	6.5	6.7	10.1#

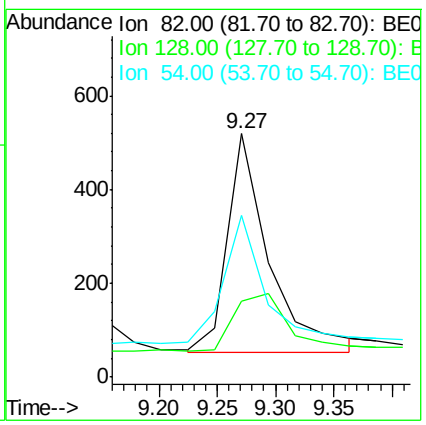


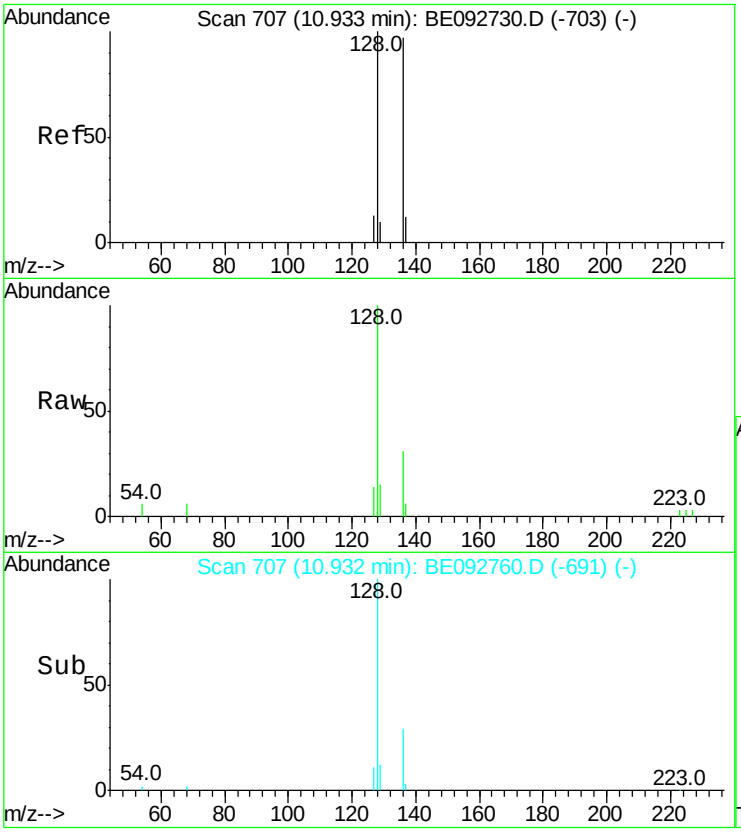


#8
Nitrobenzene-d5
Concen: 0.47 ng m
RT: 9.27 min Scan# 624
Delta R.T. -0.05 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Tgt Ion: 82 Resp: 1164

Ion	Ratio	Lower	Upper
82	100		
128	31.4	39.0	58.4#
54	66.3	44.8	67.2



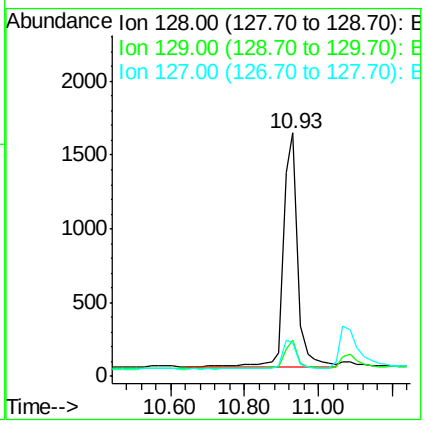


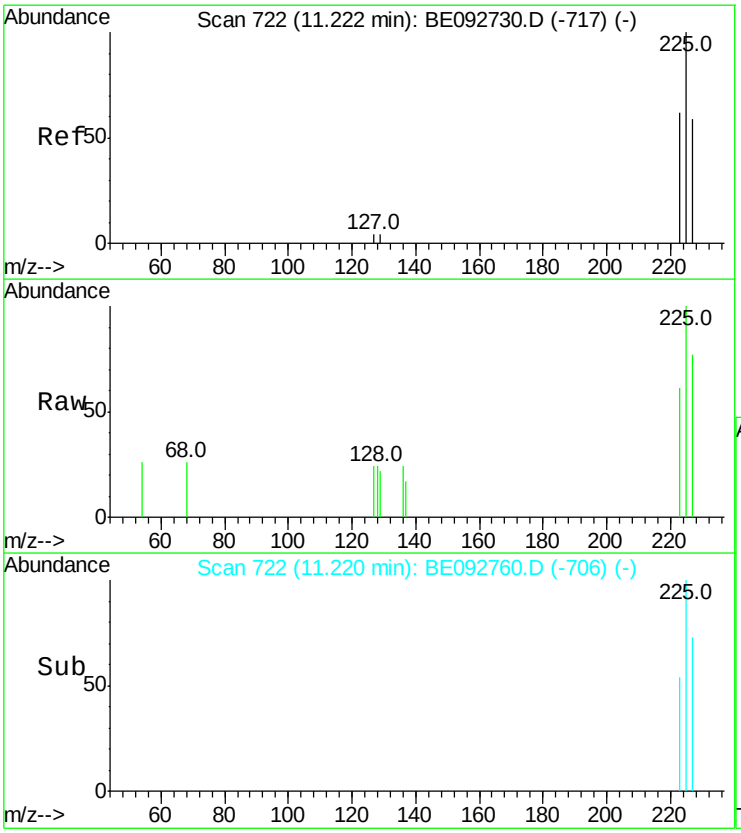
#9
Naphthalene
Concen: 0.44 ng
RT: 10.93 min Scan# 707
Delta R.T. -0.00 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 4135

Ion	Ratio	Lower	Upper
128	100		
129	14.8	11.2	16.8
127	14.0	11.6	17.4

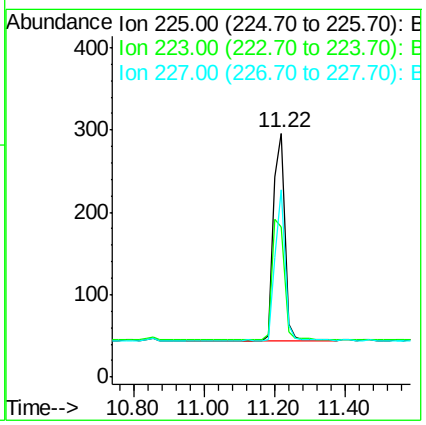


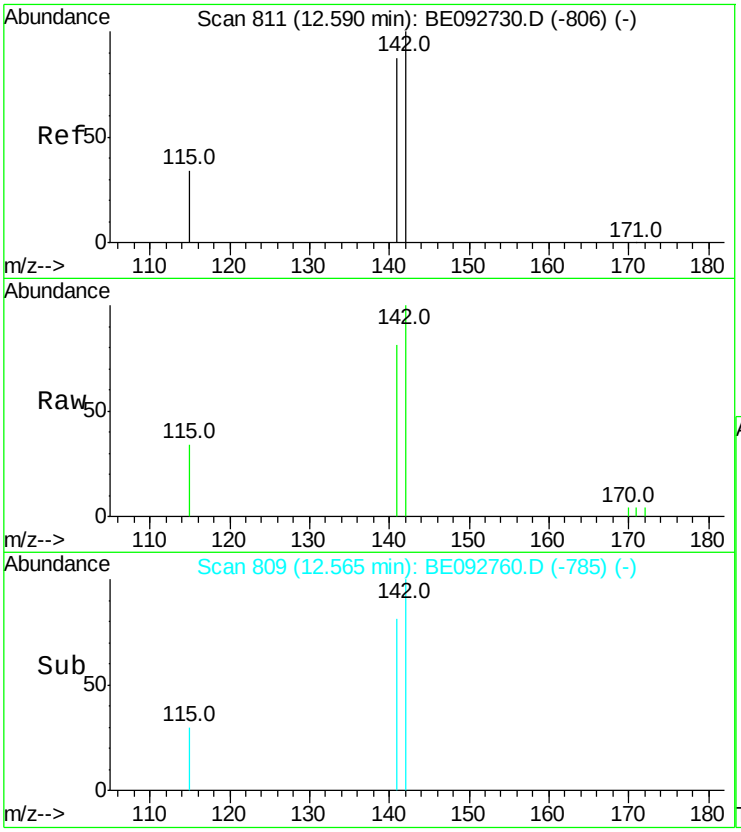


#10
Hexachlorobutadiene
Concen: 0.40 ng
RT: 11.22 min Scan# 722
Delta R.T. -0.00 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Tgt Ion:225 Resp: 562

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	63.5	51.4	77.0



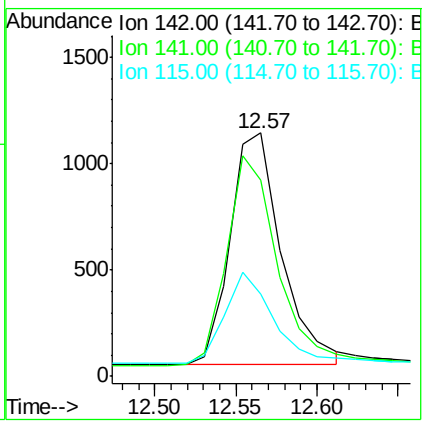


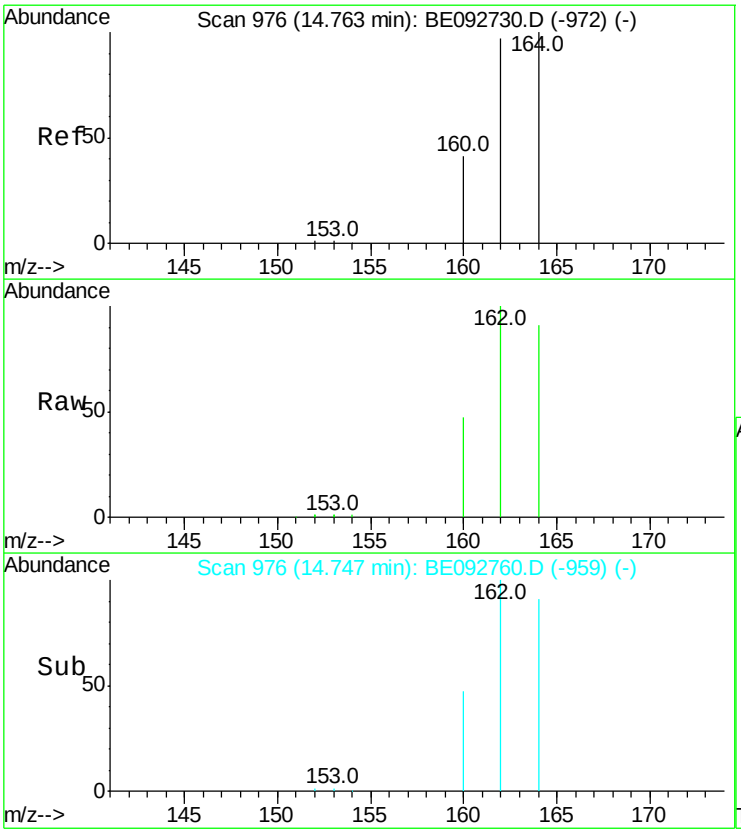
#11
2-Methylnaphthalene
Concen: 0.40 ng m
RT: 12.57 min Scan# 809
Delta R.T. -0.02 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:142 Resp: 2401

Ion	Ratio	Lower	Upper
142	100		
141	80.8	73.7	110.5
115	33.7	34.0	51.0#

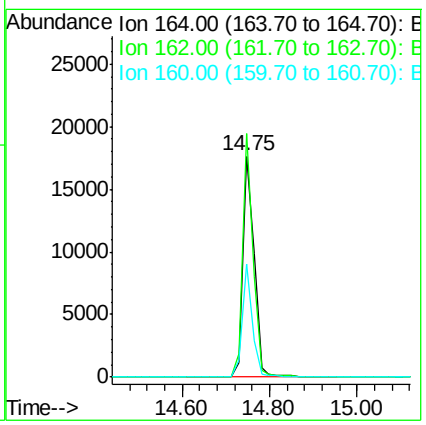


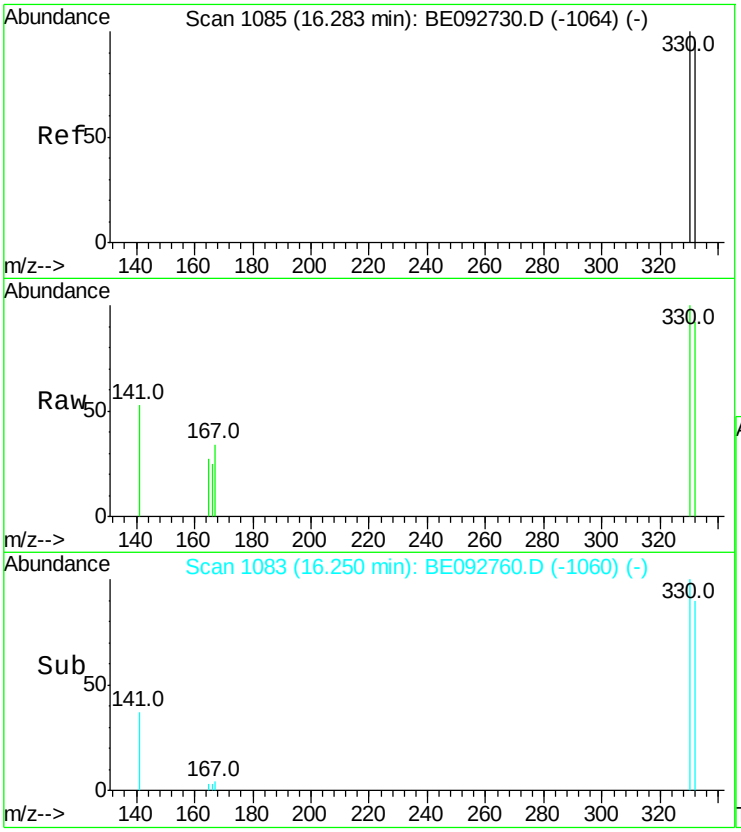


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.75 min Scan# 976
Delta R.T. -0.02 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Tgt Ion:164 Resp: 30436

Ion	Ratio	Lower	Upper
164	100		
162	110.3	71.4	107.0#
160	51.5	27.4	41.2#



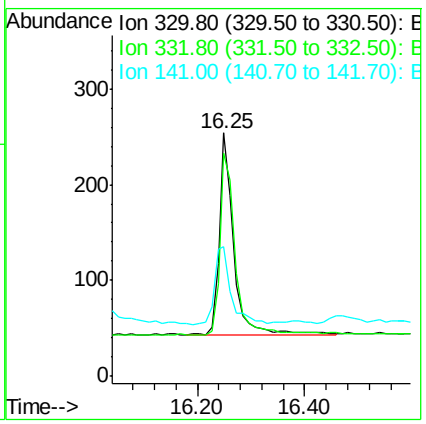


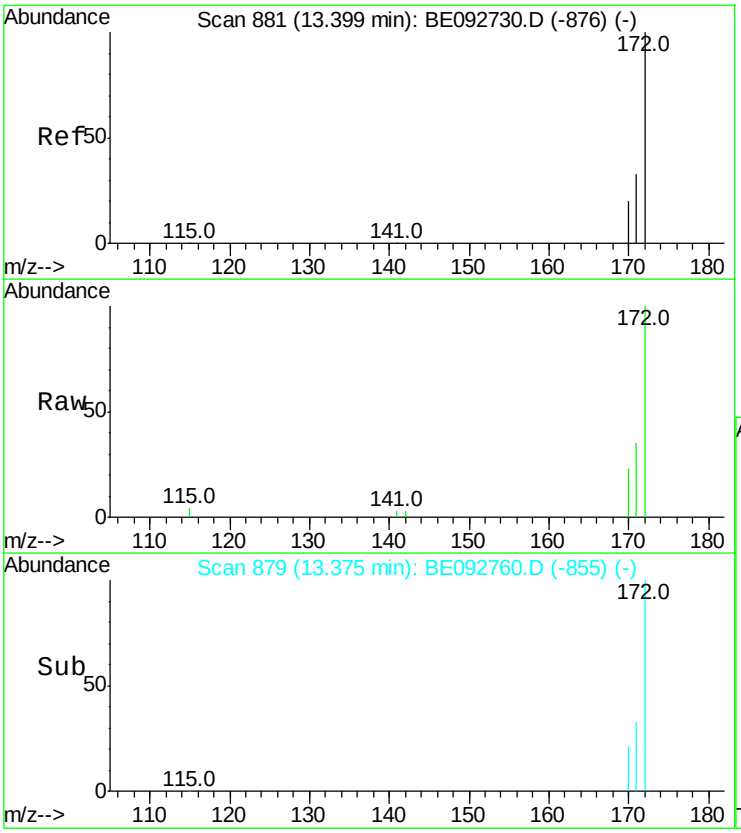
#13
2,4,6-Tribromophenol
Concen: 0.62 ng
RT: 16.25 min Scan# 1083
Delta R.T. -0.03 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:330 Resp: 398

Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.4	113.0
141	44.7	31.0	46.6

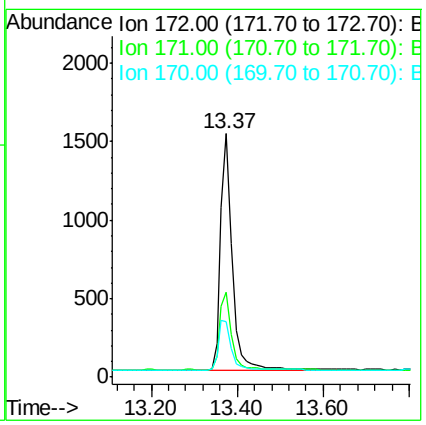


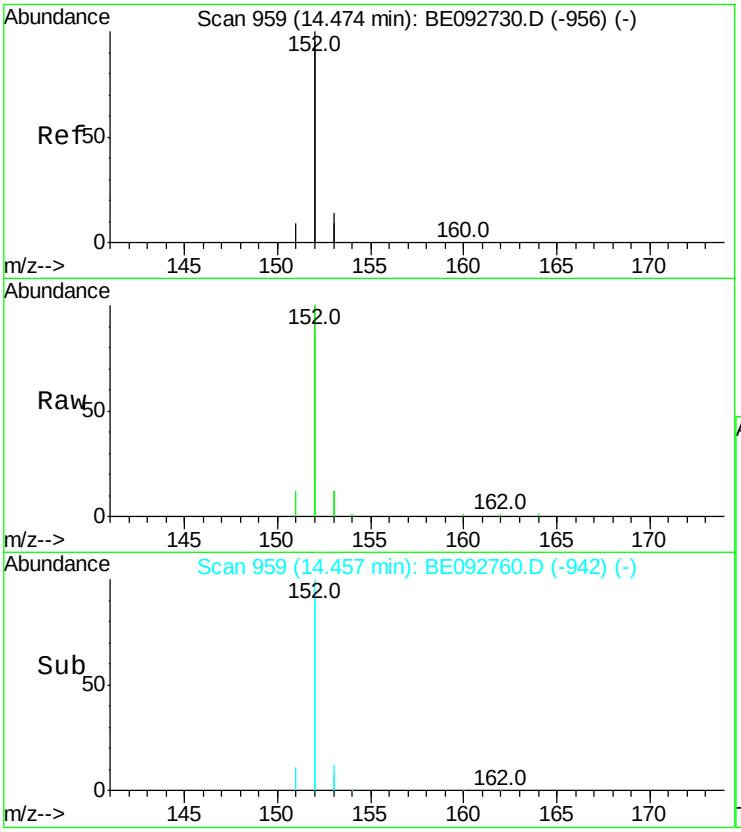


#14
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.37 min Scan# 879
Delta R.T. -0.02 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Tgt Ion:172 Resp: 2871

Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.1	45.1
170	23.0	21.8	32.6



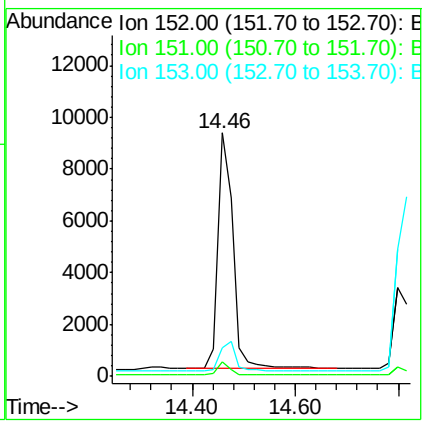


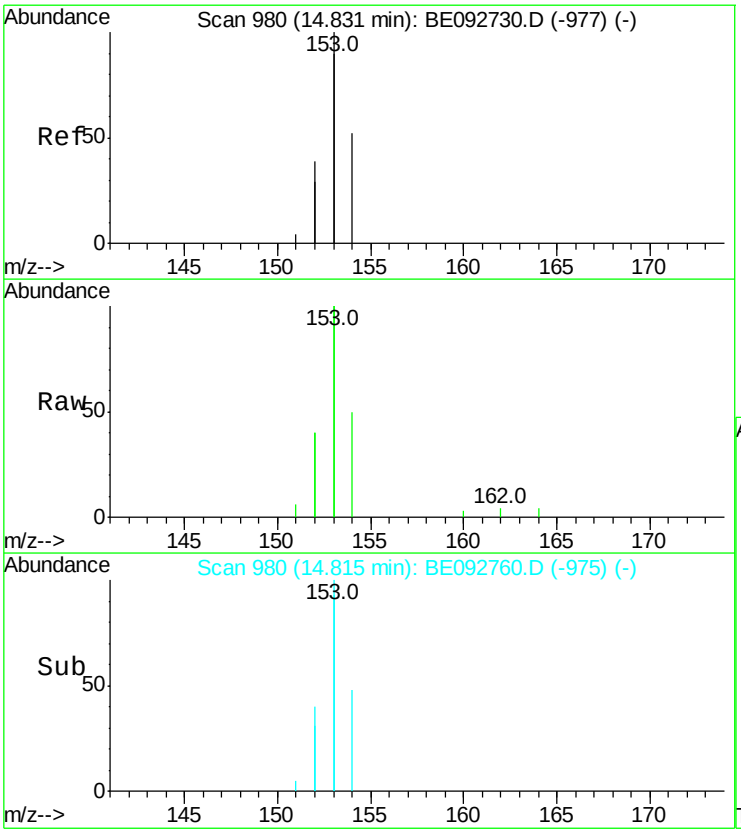
#15
Acenaphthylene
Concen: 0.40 ng
RT: 14.46 min Scan# 959
Delta R.T. -0.02 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 18476

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.9	5.9
153	13.1	10.4	15.6

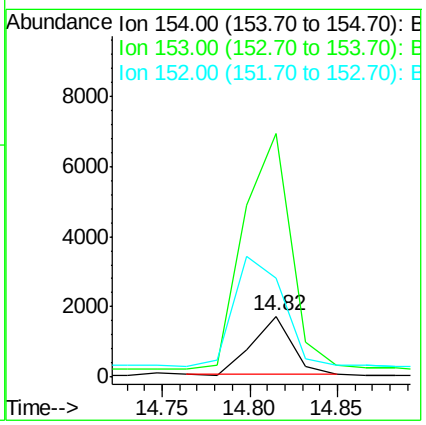


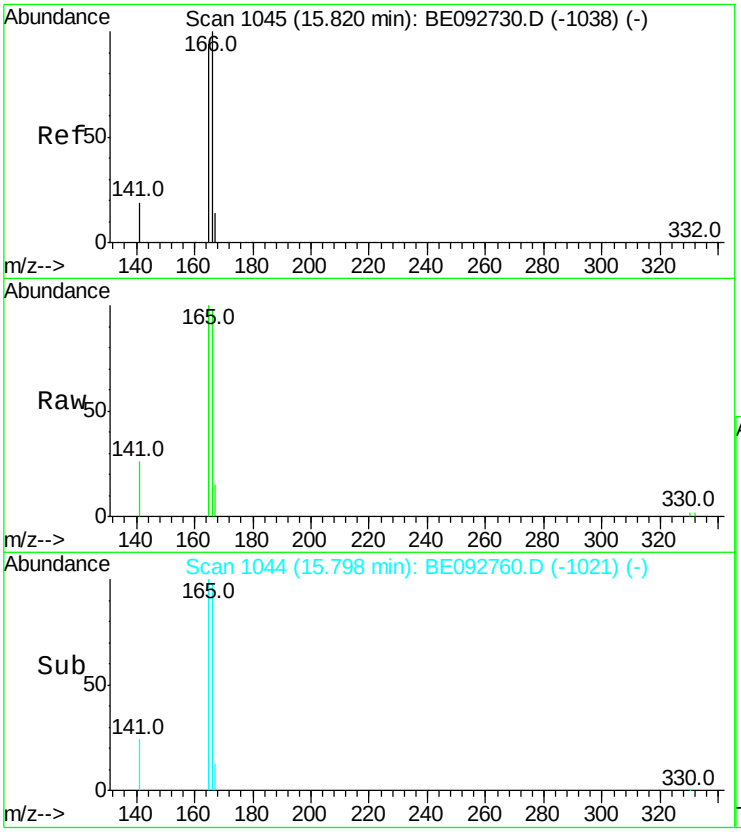


#16
Acenaphthene
Concen: 0.40 ng
RT: 14.82 min Scan# 980
Delta R.T. -0.02 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Tgt Ion:154 Resp: 2662

Ion	Ratio	Lower	Upper
154	100		
153	474.9	350.8	526.2
152	232.9	171.1	256.7



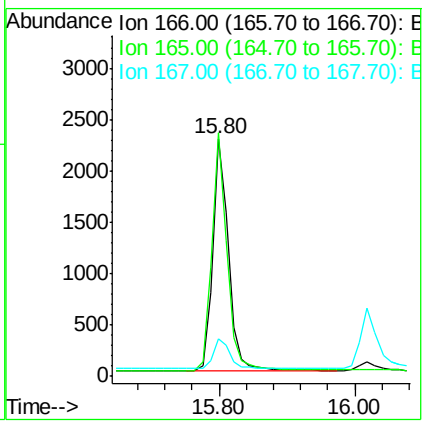


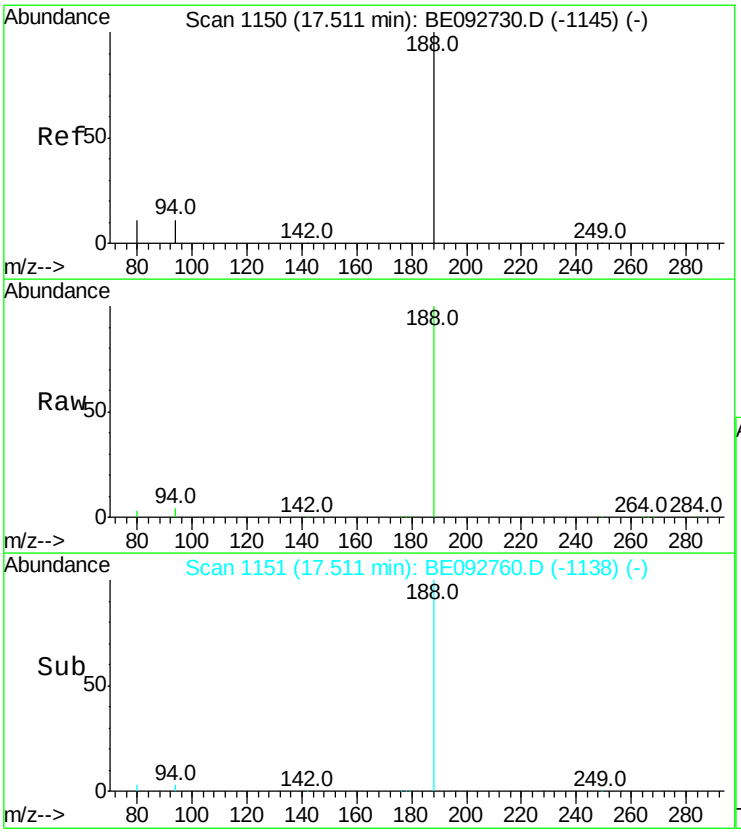
#17
Fluorene
Concen: 0.44 ng
RT: 15.80 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:166 Resp: 3770

Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.2	117.4
167	13.1	11.0	16.4

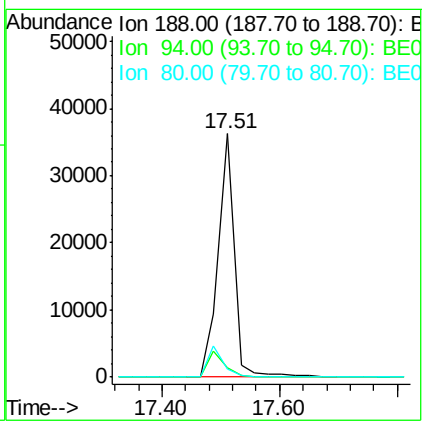


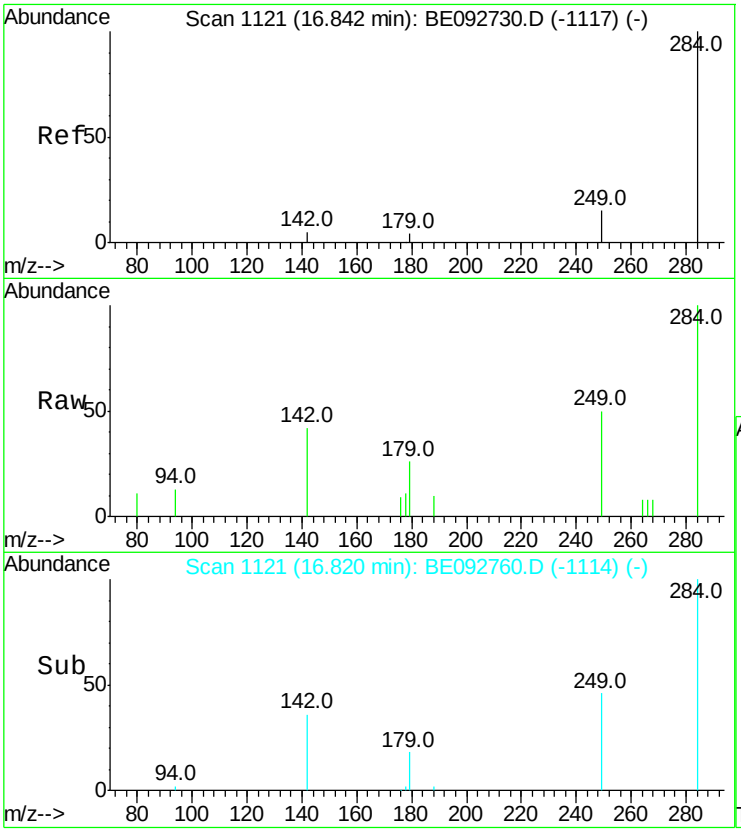


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.51 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Tgt Ion:188 Resp: 67627

Ion	Ratio	Lower	Upper
188	100		
94	3.6	3.2	4.8
80	3.1	2.6	3.8



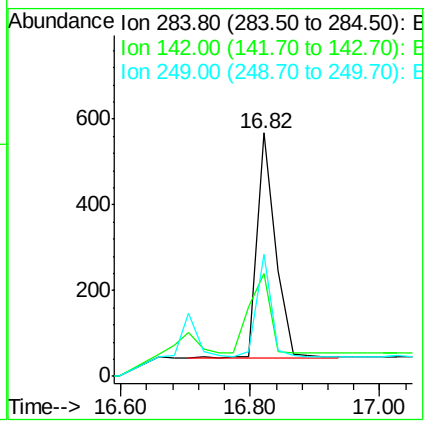


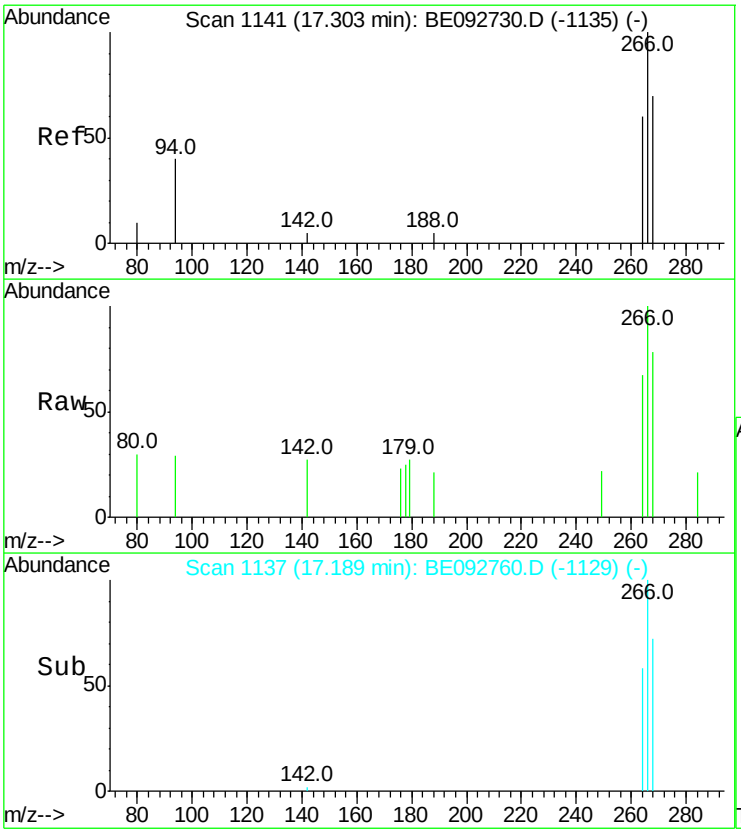
#19
Hexachlorobenzene
Concen: 0.40 ng
RT: 16.82 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 1034

Ion	Ratio	Lower	Upper
284	100		
142	39.8	29.1	43.7
249	35.3	27.9	41.9

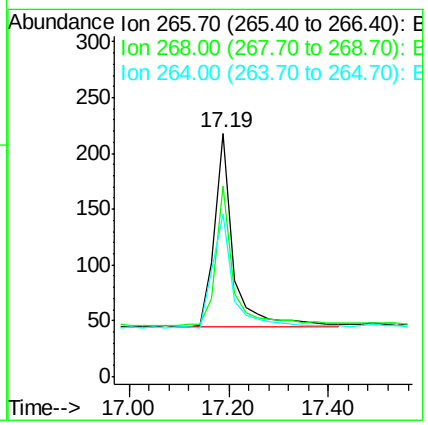


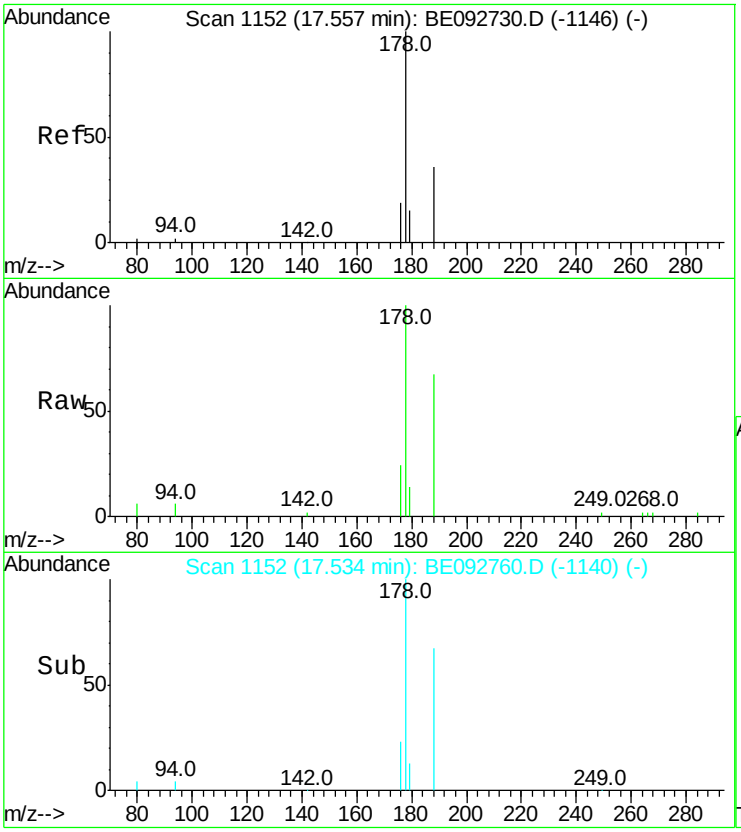


#20
Pentachlorophenol
Concen: 0.83 ng
RT: 17.19 min Scan# 1137
Delta R.T. -0.11 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Tgt Ion:266 Resp: 452

Ion	Ratio	Lower	Upper
266	100		
268	78.4	62.5	93.7
264	67.0	57.2	85.8



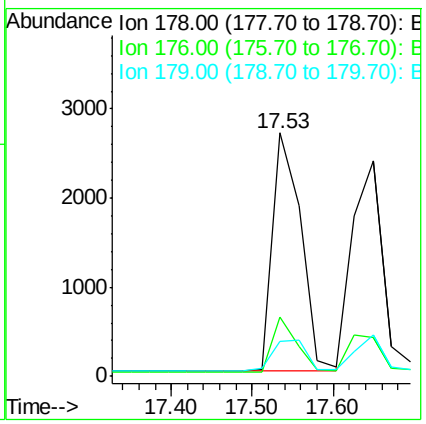


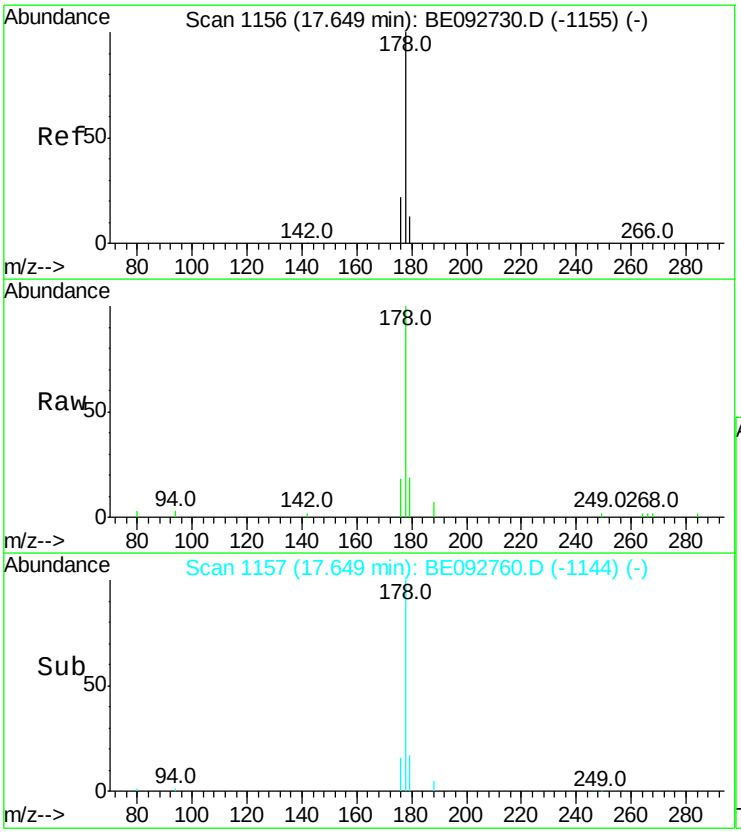
#21
Phenanthrene
Concen: 0.41 ng
RT: 17.53 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 6553

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	0.0	16.0	24.0#

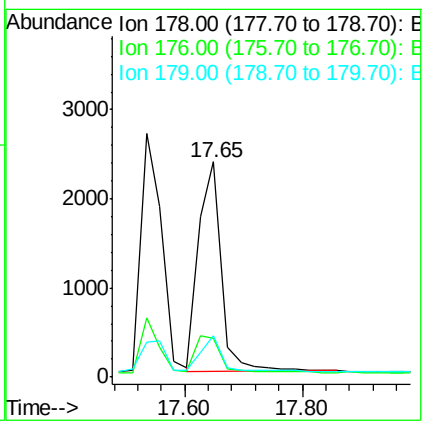


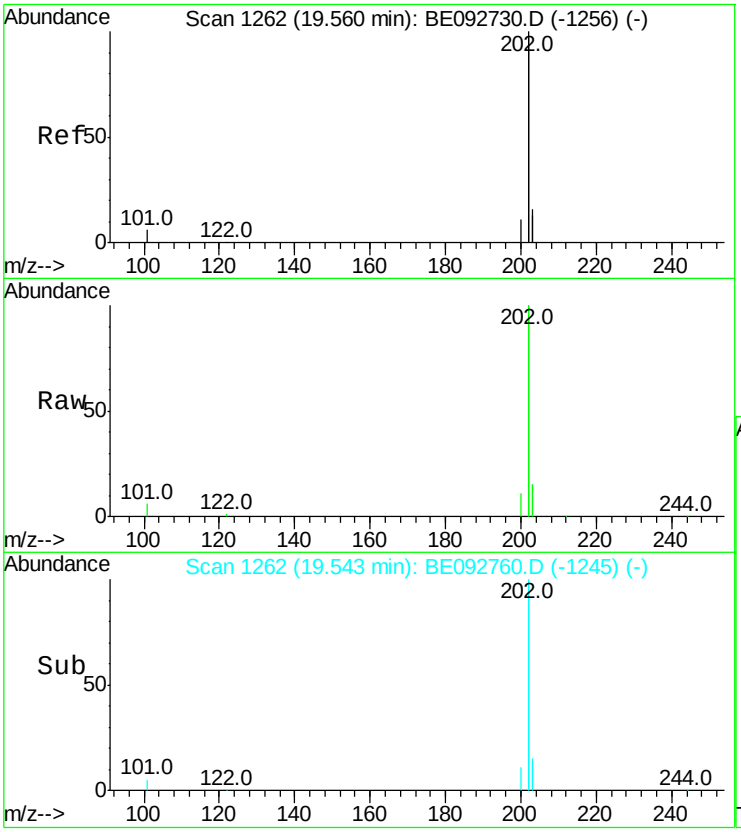


#22
Anthracene
Concen: 0.43 ng
RT: 17.65 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Tgt Ion:178 Resp: 6353

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.4#
179	15.7	12.2	18.2



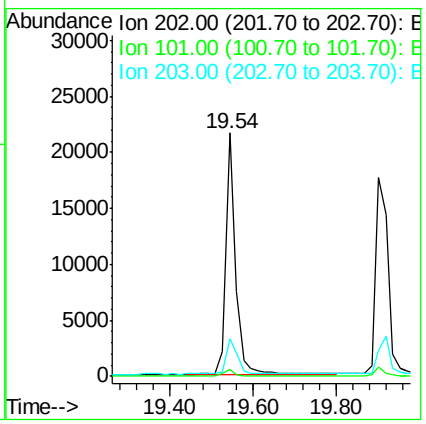


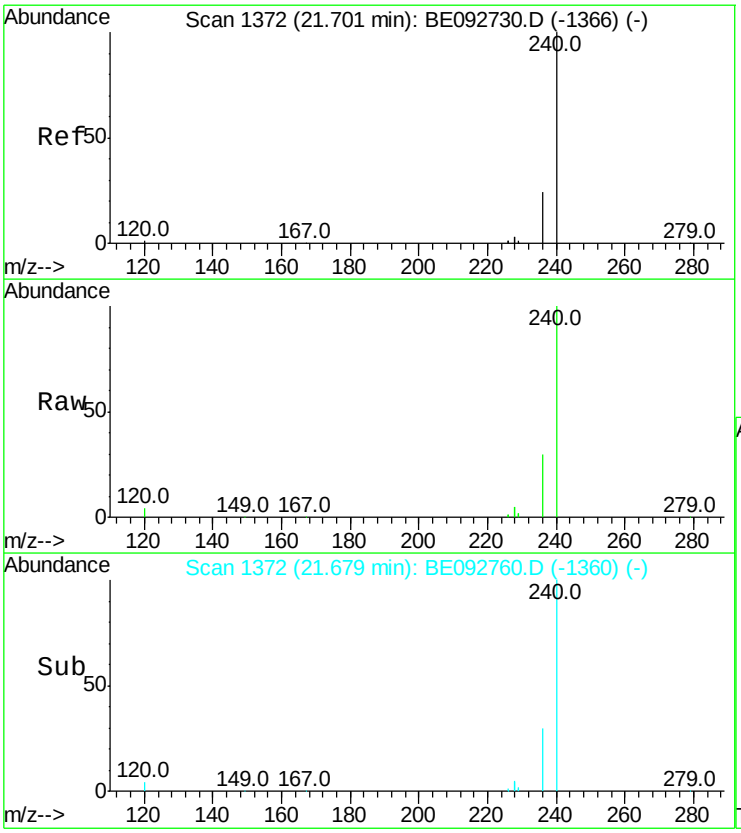
#23
Fluoranthene
Concen: 0.50 ng
RT: 19.54 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 34723

Ion	Ratio	Lower	Upper
202	100		
101	2.7	2.2	3.4
203	17.3	13.7	20.5

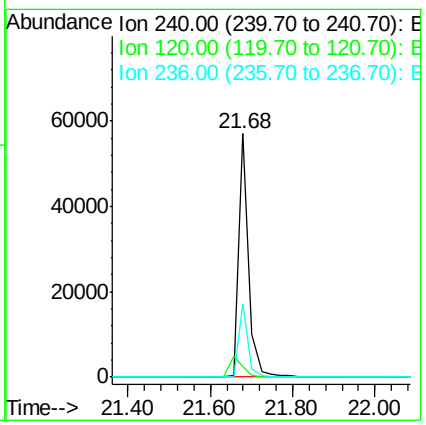


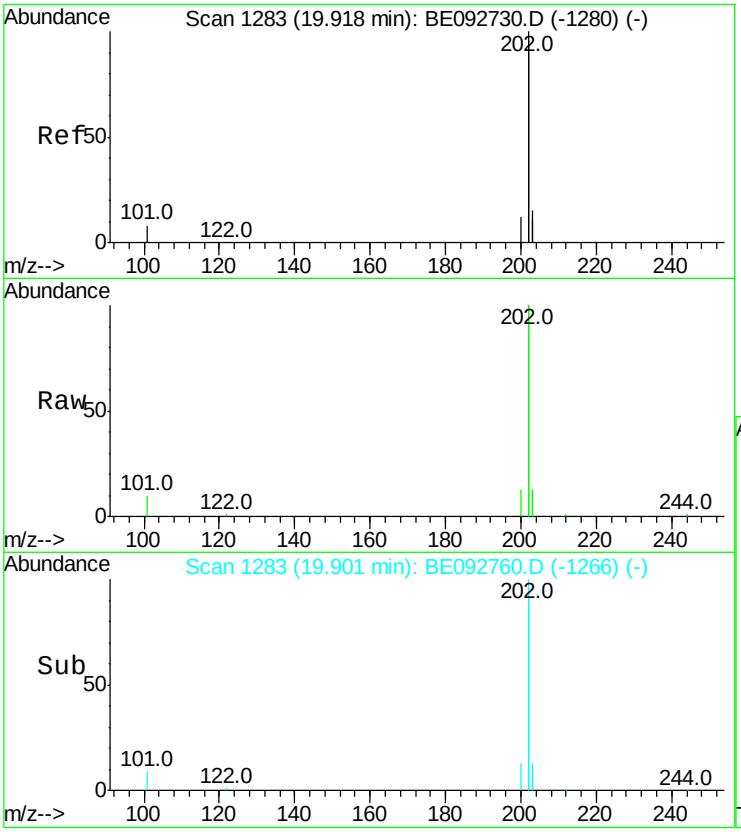


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.68 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Tgt Ion:240 Resp: 95269

Ion	Ratio	Lower	Upper
240	100		
120	4.4	2.6	4.0#
236	30.3	24.6	37.0



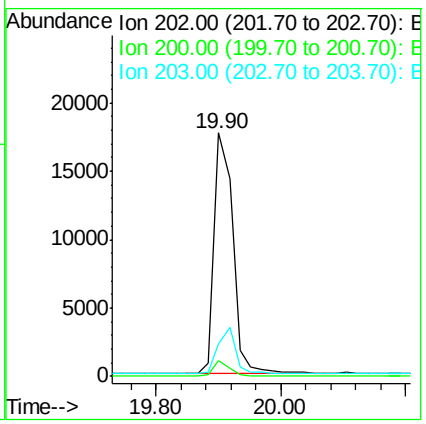


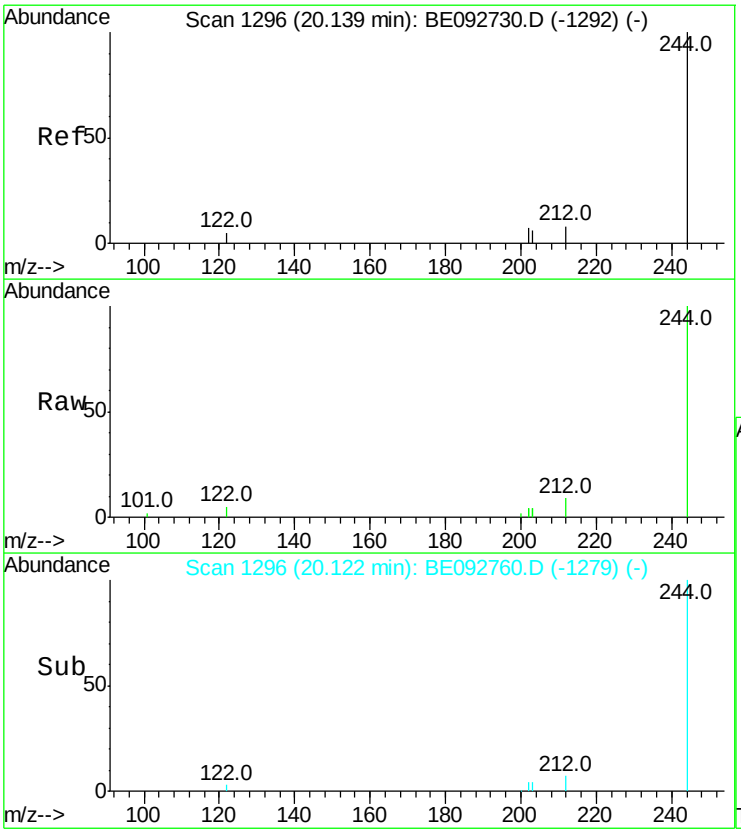
#25
Pyrene
Concen: 0.40 ng
RT: 19.90 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 36296

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	17.8	13.9	20.9

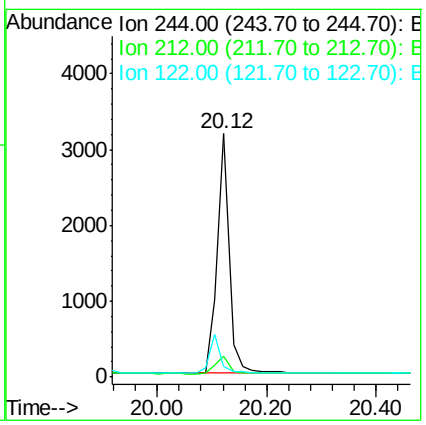


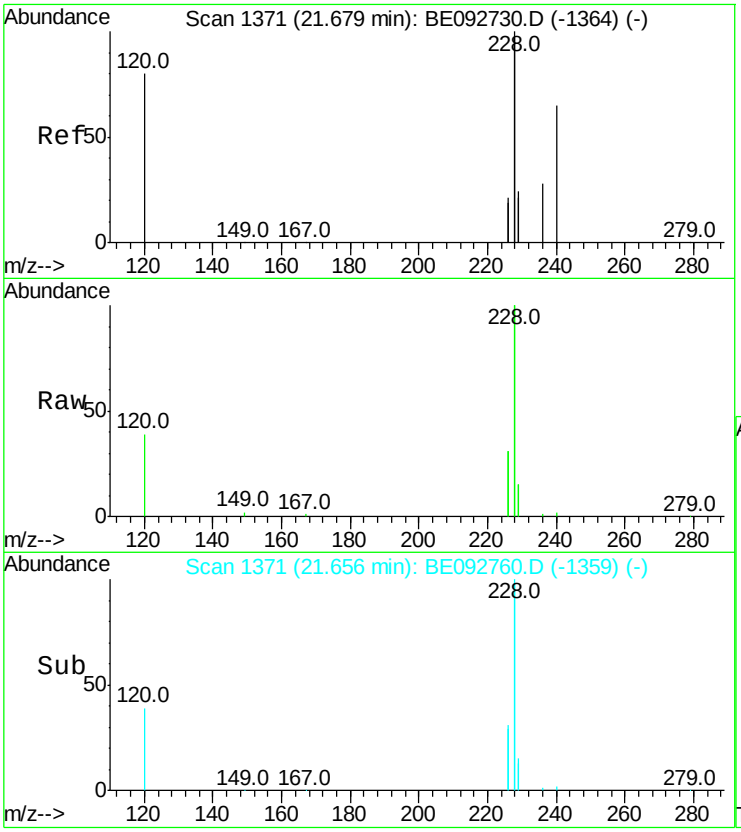


#26
Terphenyl-d14
Concen: 0.40 ng
RT: 20.12 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Tgt Ion:244 Resp: 4883

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.7	10.1
122	4.6	3.6	5.4



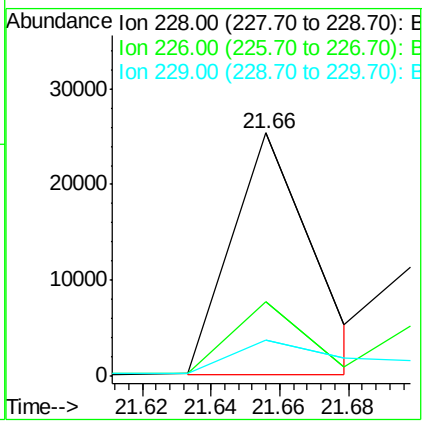


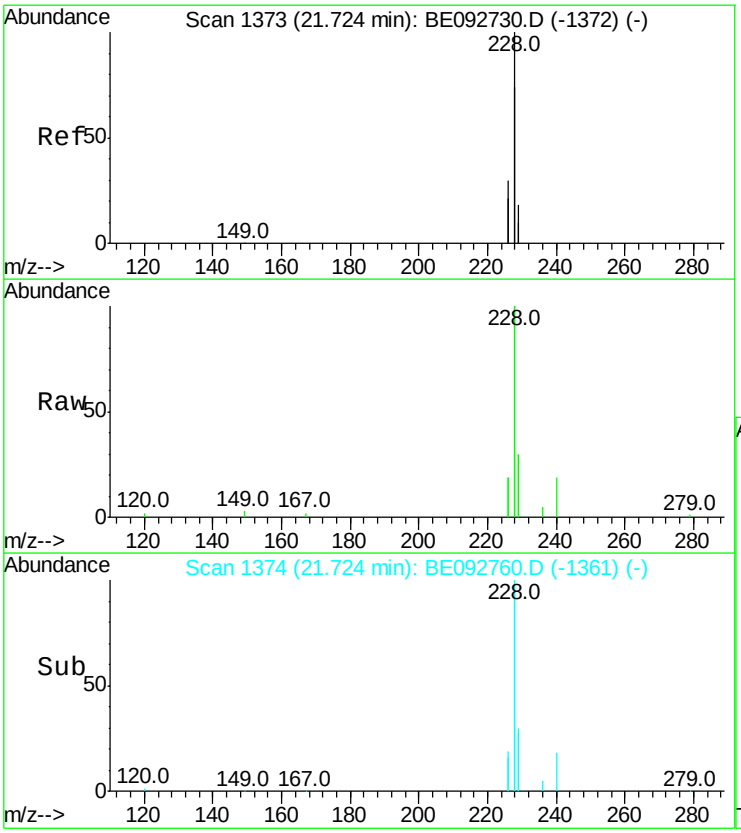
#27
Benzo(a)anthracene
Concen: 0.45 ng m
RT: 21.66 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 41183

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.6	35.4
229	15.0	13.3	19.9

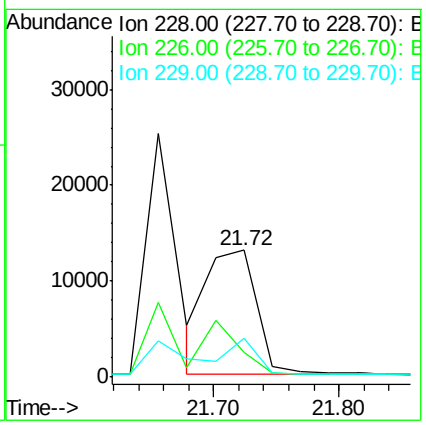


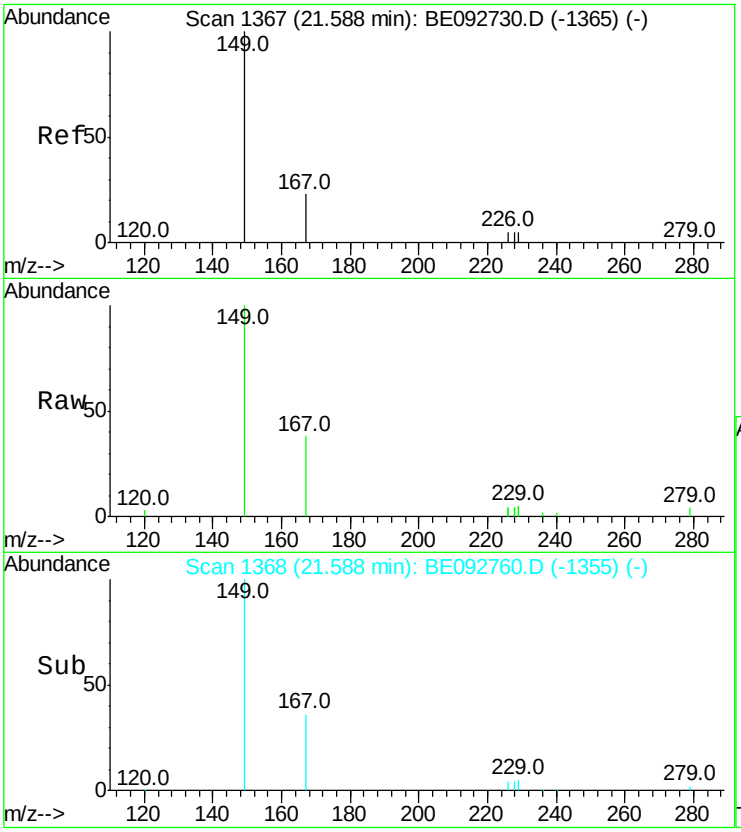


#28
Chrysene
Concen: 0.33 ng m
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Tgt Ion:228 Resp: 36037

Ion	Ratio	Lower	Upper
228	100		
226	19.2	36.3	54.5#
229	30.4	10.6	16.0#



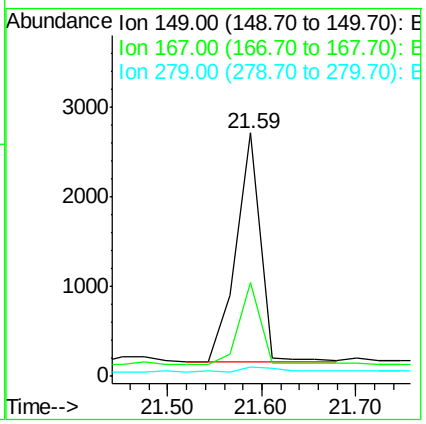


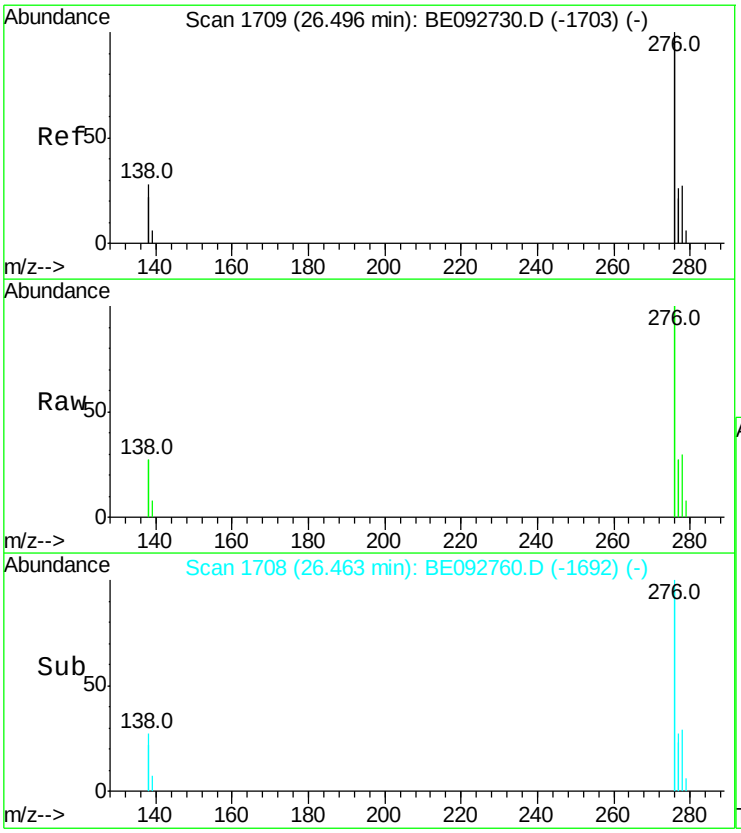
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.42 ng
RT: 21.59 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:149 Resp: 4601

Ion	Ratio	Lower	Upper
149	100		
167	31.1	16.0	24.0#
279	2.5	16.0	24.0#

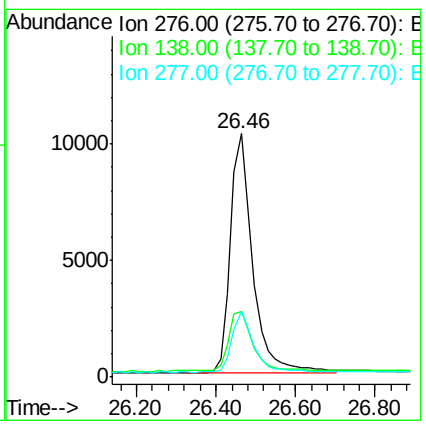


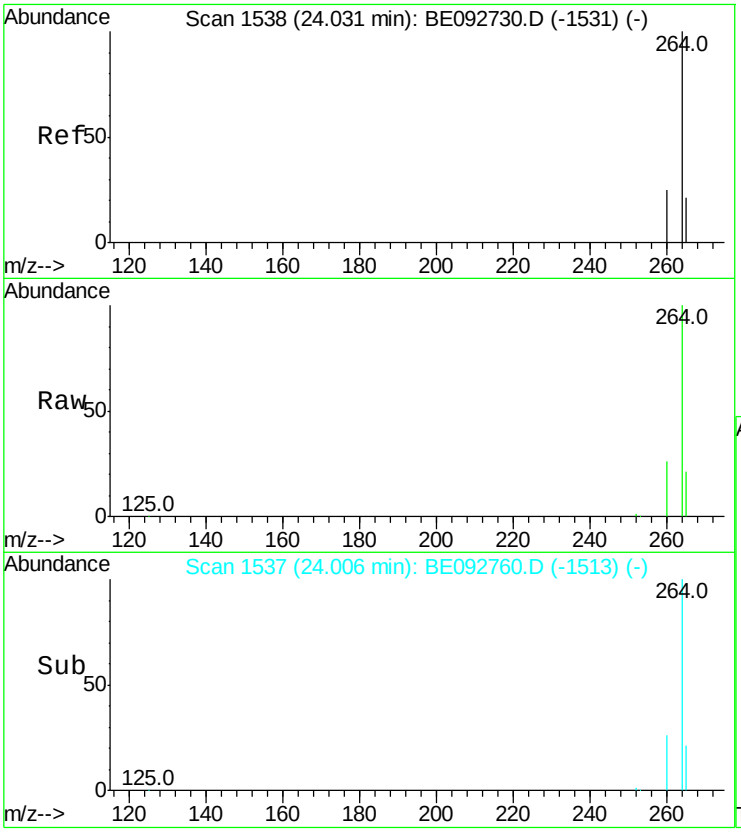


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.38 ng
RT: 26.46 min Scan# 1708
Delta R.T. -0.03 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Tgt Ion:276 Resp: 39512

Ion	Ratio	Lower	Upper
276	100		
138	27.9	20.3	30.5
277	24.9	19.7	29.5



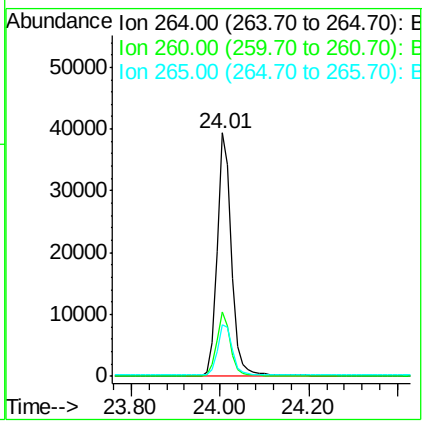


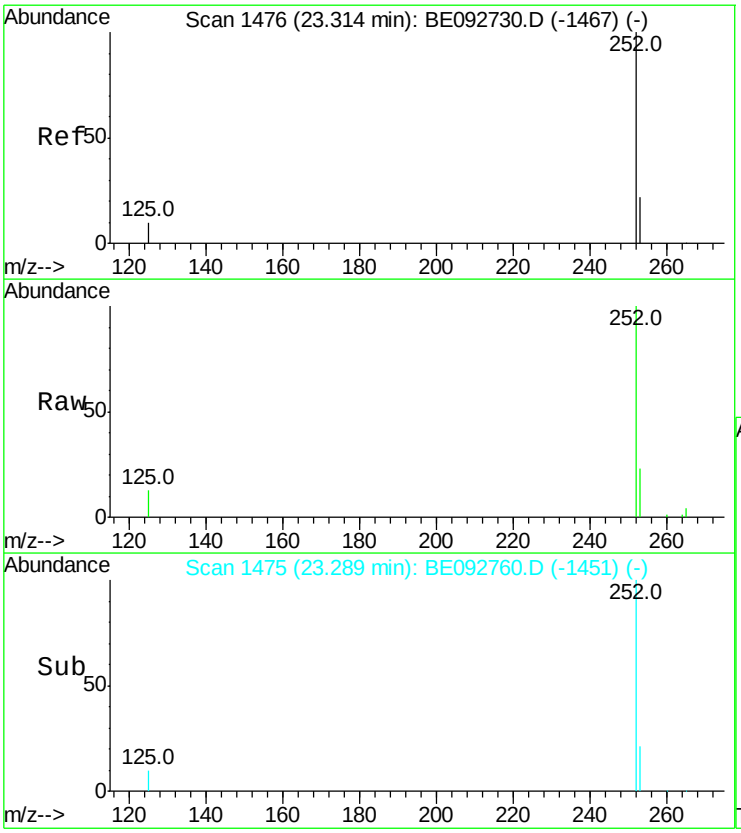
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.01 min Scan# 1537
Delta R.T. -0.02 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:264 Resp: 88153

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.1	30.1
265	21.0	17.9	26.9

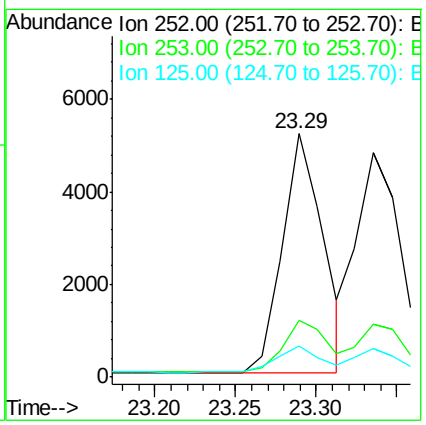


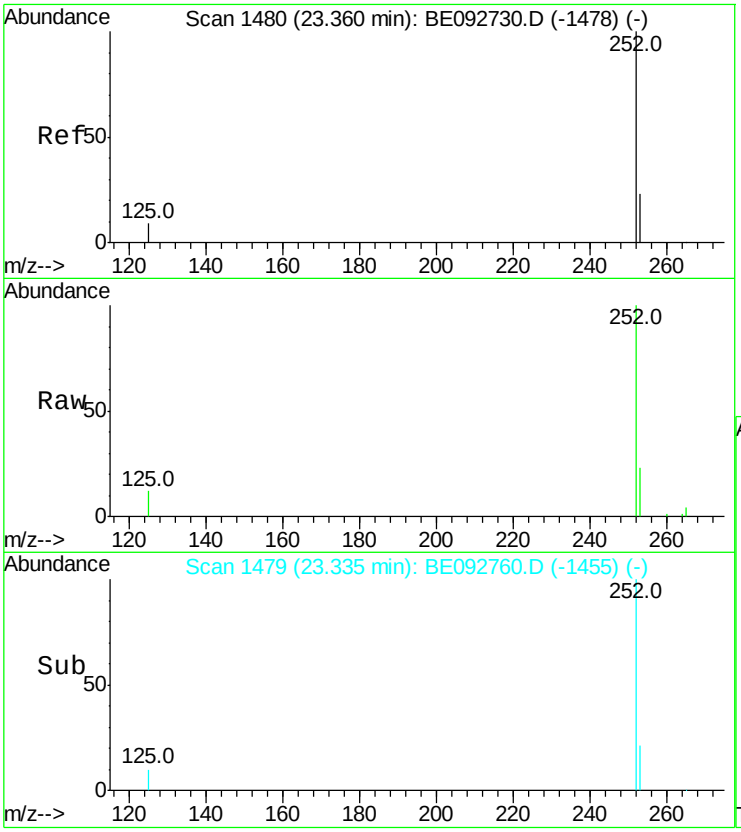


#32
Benzo(b)fluoranthene
Concen: 0.42 ng
RT: 23.29 min Scan# 1475
Delta R.T. -0.02 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Tgt Ion:252 Resp: 9154

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.7	28.1
125	12.6	10.5	15.7



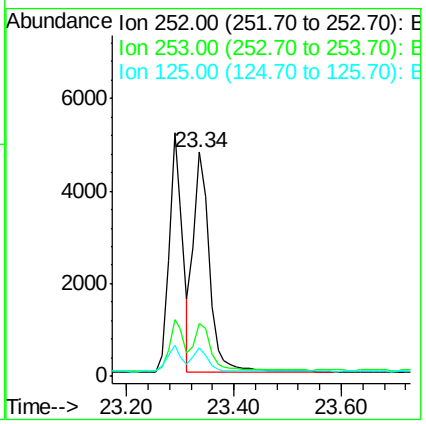


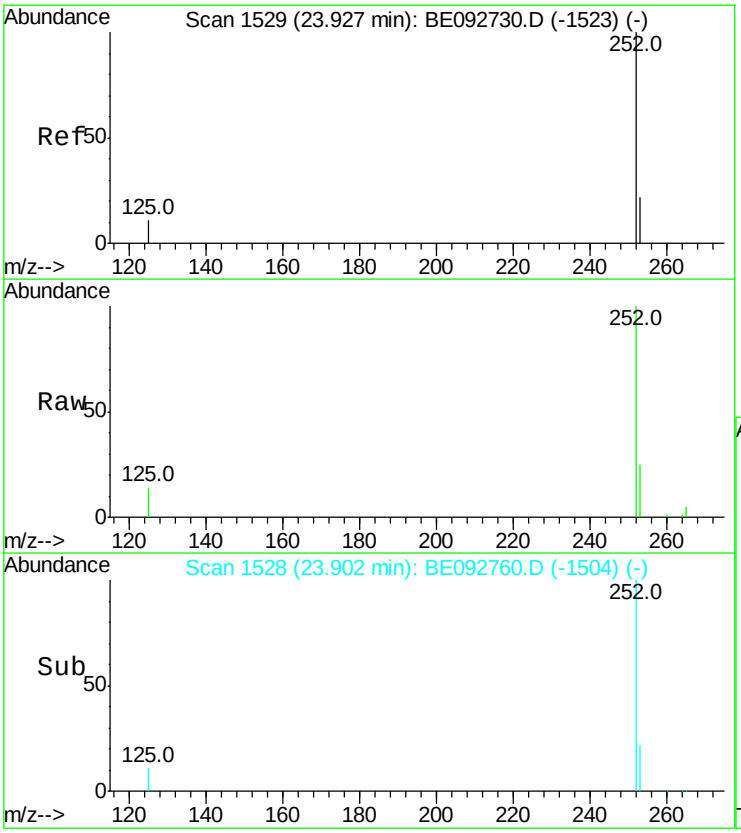
#33
Benzo(k)fluoranthene
Concen: 0.40 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.02 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 9853

Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.3	30.5
125	12.5	9.6	14.4

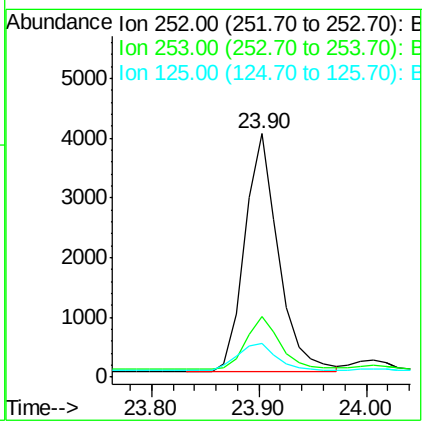


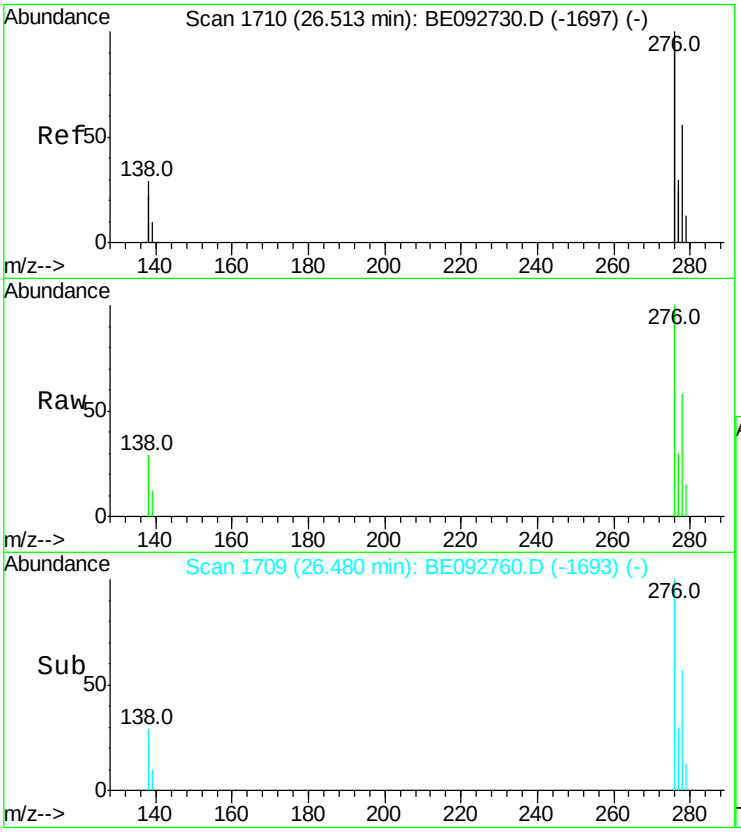


#34
Benzo(a)pyrene
Concen: 0.38 ng
RT: 23.90 min Scan# 1528
Delta R.T. -0.02 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Tgt Ion:252 Resp: 8672

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.0	28.6
125	13.8	11.8	17.8



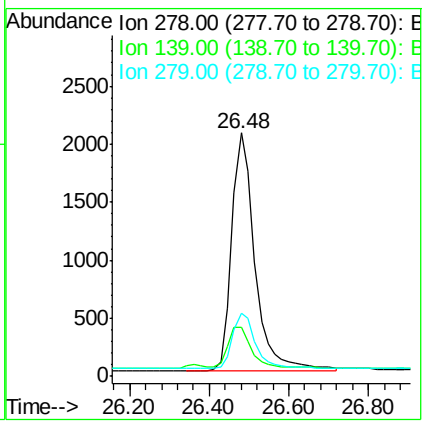


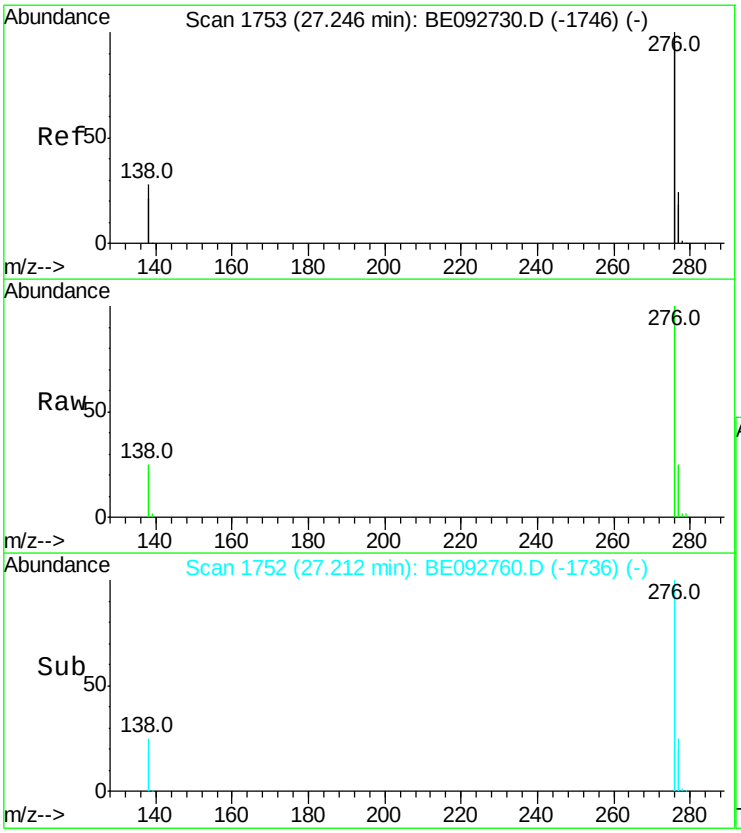
#35
Dibenzo(a,h)anthracene
Concen: 0.38 ng
RT: 26.48 min Scan# 1709
Delta R.T. -0.03 min
Lab File: BE092760.D
Acq: 24 Feb 2017 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:278 Resp: 8298

Ion	Ratio	Lower	Upper
278	100		
139	19.9	13.8	20.8
279	25.8	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: BE092760.D
Acq: 24 Feb 2017 15:04

Tgt Ion:276 Resp: 34678

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.8	29.8
138	25.2	19.8	29.6