Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011917\
Data File : BE092662.D
Acq On : 19 Jan 2017 18:10
Operator : UM/SJ
Sample : PB96141BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB96141BS

Quant Time: Jan 20 01:29:35 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 10:14:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	9640	5.00	ng		0.00
7) Naphthalene-d8	10.91	136	43422	5.00	ng		0.00
12) Acenaphthene-d10	14.78	164	26465	5.00	ng		0.00
18) Phenanthrene-d10	17.53	188	56978	5.00	ng		0.00
24) Chrysene-d12	21.72	240	61897	5.00	ng		0.00
31) Perylene-d12	24.06	264	72482	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.64	112	21299	9.90	ng		-0.01
5) Phenol-d6	7.31	99	26862	10.18	ng		-0.02
8) Nitrobenzene-d5	9.29	82	13524	4.80	ng		-0.05
13) 2,4,6-Tribromophenol	16.27	330	7376	9.42	ng		-0.02
14) 2-Fluorobiphenyl	13.40	172	28062	4.31	ng		-0.02
26) Terphenyl-d14	20.14	244	39662	4.53	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	4733	3.64	ng	#	70
3) n-Nitrosodimethylamine	3.72	42	7848	4.51	ng	#	93
6) bis(2-Chloroethyl)ether	7.54	93	12797	4.57	ng		94
9) Naphthalene	10.95	128	38192	4.21	ng	#	95
10) Hexachlorobutadiene	11.24	225	5538	4.14	ng		99
11) 2-Methylnaphthalene	12.81	142	23413	4.16	ng		93
15) Acenaphthylene	14.49	152	165924	4.55	ng		100
16) Acenaphthene	14.85	154	24436	4.18	ng		93
17) Fluorene	15.82	166	32589	4.44	ng		99
19) Hexachlorobenzene	16.86	284	10252	5.52	ng	#	39
20) Pentachlorophenol	17.21	266	9182	15.68	ng		86
21) Phenanthrene	17.58	178	57107	4.54	ng	#	94
22) Anthracene	17.67	178	56062	4.83	ng		98
23) Fluoranthene	19.58	202	258626	4.64	ng		98
25) Pyrene	19.93	202	279665	4.58	ng		99
27) Benzo(a)anthracene	21.68	228	276951	4.54	ng	#	71
28) Chrysene	21.68	228	276951	4.04	ng	#	94
29) Bis(2-ethylhexyl)phthalate	21.61	149	50138	4.21	ng	#	69
30) Indeno(1,2,3-cd)pyrene	26.53	276	375250	5.06	ng		98
32) Benzo(b)fluoranthene	23.34	252	83578	4.77	ng	#	97
33) Benzo(k)fluoranthene	23.38	252	79531	4.52	ng		94
34) Benzo(a)pyrene	23.95	252	80564	4.89	ng	#	95
35) Dibenzo(a,h)anthracene	26.55	278	77064	4.78	ng		95
36) Benzo(g,h,i)perylene	27.28	276	320478	4.71	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011917\
Data File : BE092662.D
Acq On : 19 Jan 2017 18:10
Operator : UM/SJ
Sample : PB96141BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
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PB96141BS

Quant Time: Jan 20 01:29:35 2017
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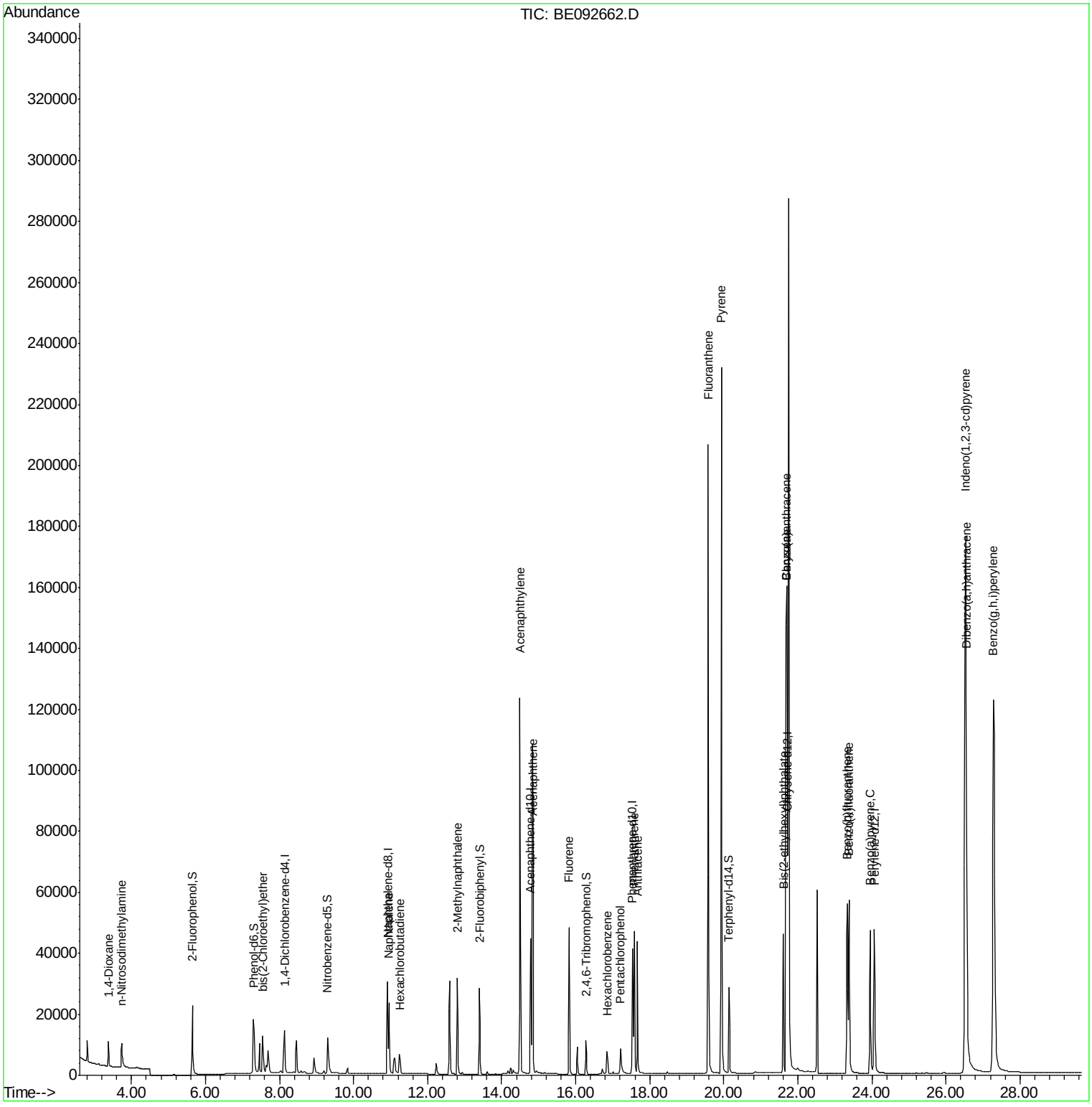
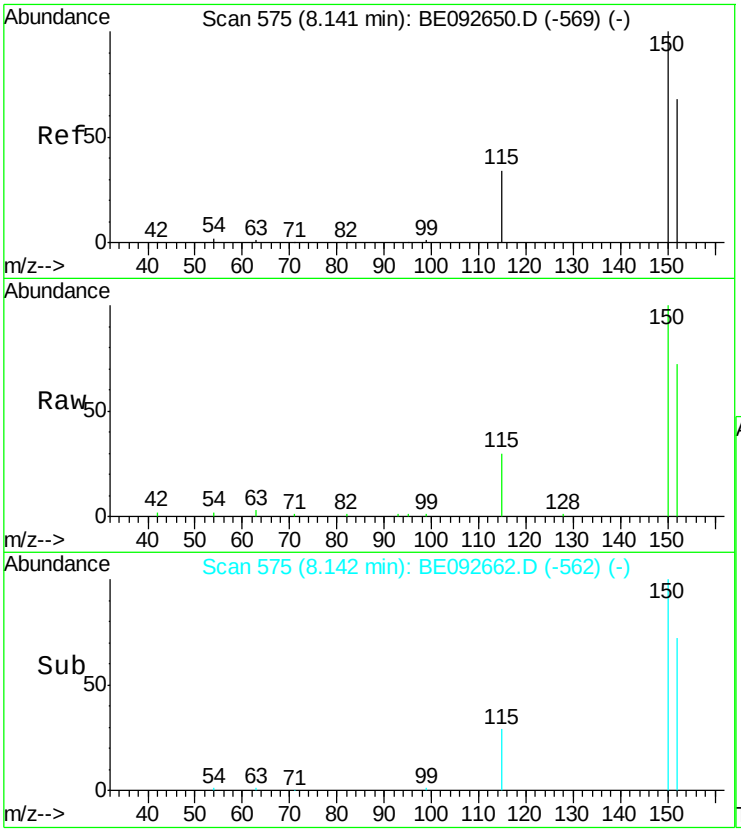
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 10:14:01 2017
Response via : Initial Calibration



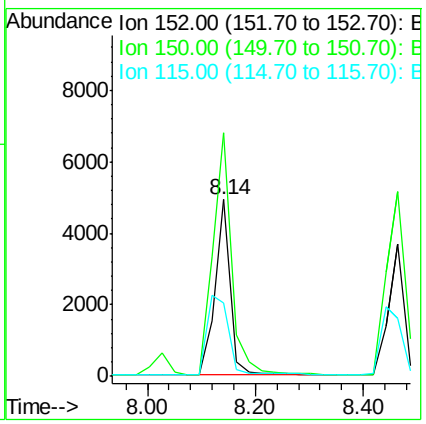


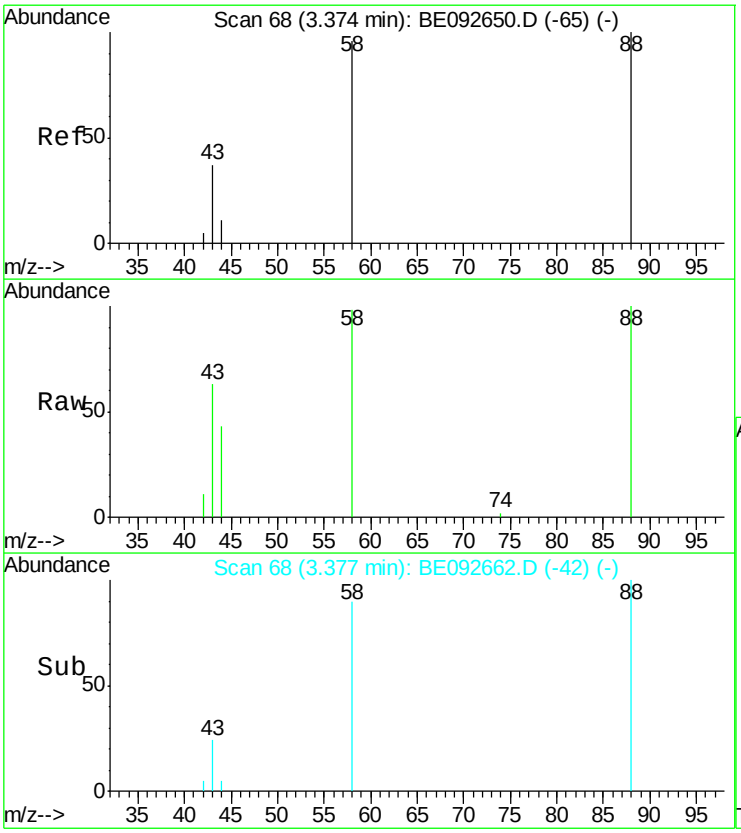
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. 0.00 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Instrument :
BNA_E
ClientSampleId :
PB96141BS

Tgt Ion:152 Resp: 9640

Ion	Ratio	Lower	Upper
152	100		
150	138.0	106.0	159.0
115	41.4	31.2	46.8

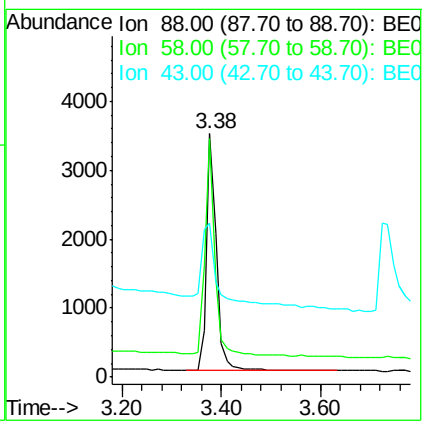


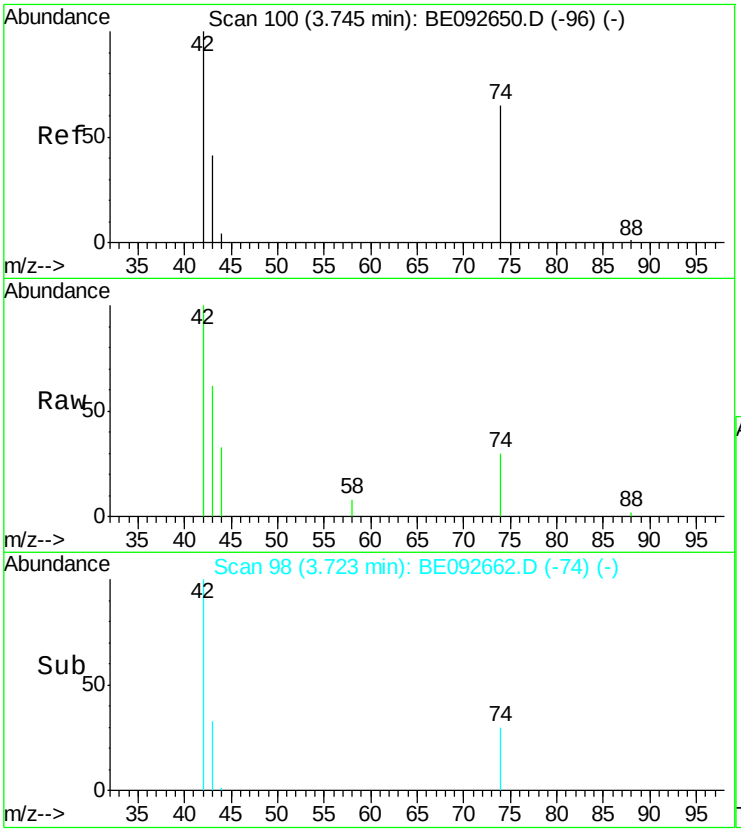


#2
1,4-Dioxane
Concen: 3.64 ng
RT: 3.38 min Scan# 68
Delta R.T. 0.00 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Tgt Ion: 88 Resp: 4733

Ion	Ratio	Lower	Upper
88	100		
58	95.1	63.6	95.4
43	68.7	28.0	42.0#



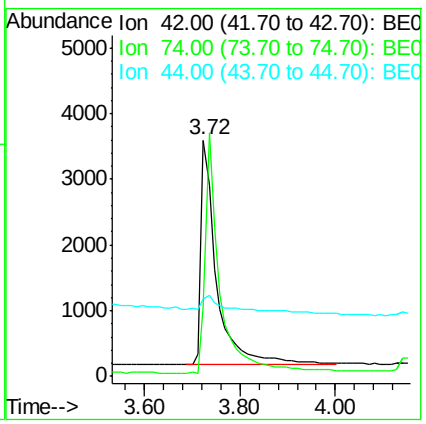


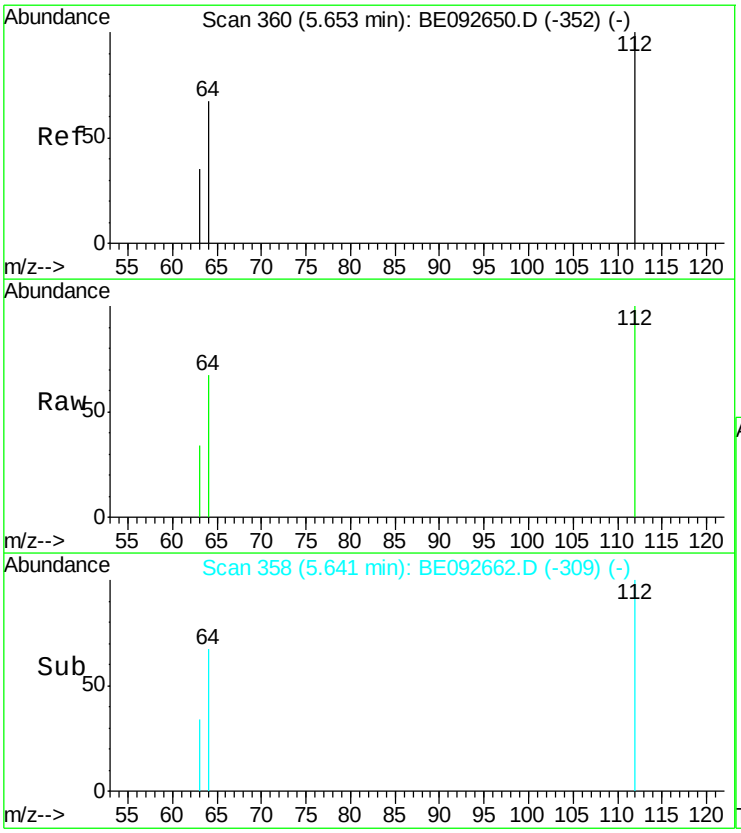
#3
n-Nitrosodimethylamine
Concen: 4.51 ng
RT: 3.72 min Scan# 98
Delta R.T. -0.02 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Instrument :
BNA_E
ClientSampleId :
PB96141BS

Tgt Ion: 42 Resp: 7848

Ion	Ratio	Lower	Upper
42	100		
74	101.9	86.0	129.0
44	15.5	5.1	7.7#

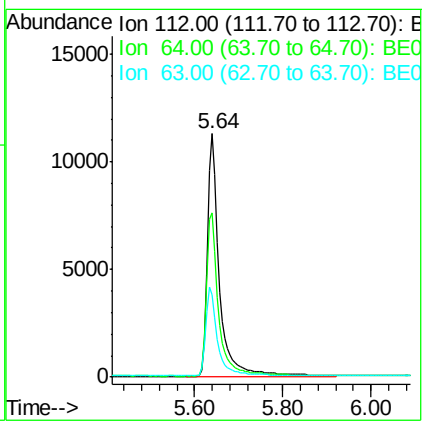


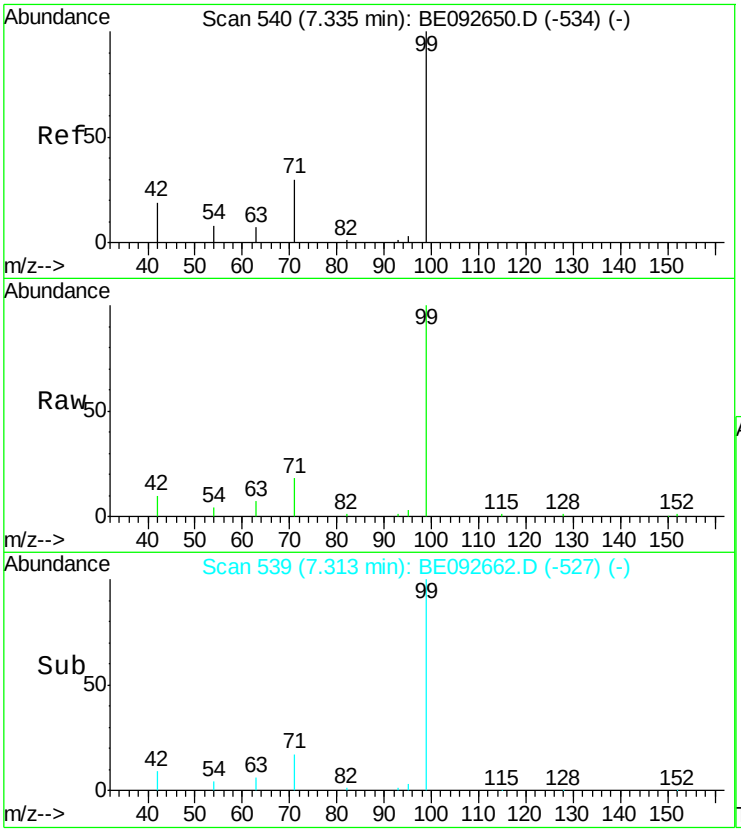


#4
2-Fluorophenol
Concen: 9.90 ng
RT: 5.64 min Scan# 358
Delta R.T. -0.01 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Tgt Ion:112 Resp: 21299

Ion	Ratio	Lower	Upper
112	100		
64	69.2	53.5	80.3
63	36.9	27.9	41.9



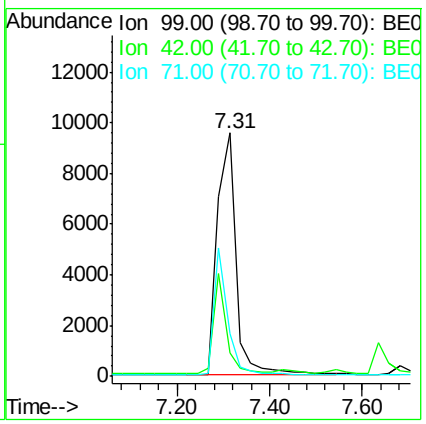


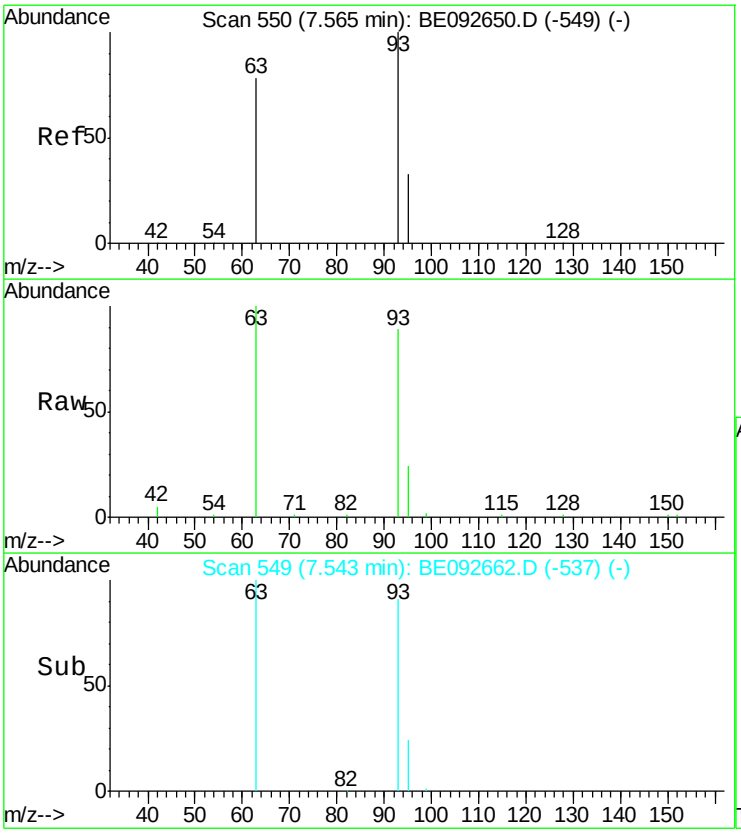
#5
Phenol-d6
Concen: 10.18 ng
RT: 7.31 min Scan# 539
Delta R.T. -0.02 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Instrument :
BNA_E
ClientSampleId :
PB96141BS

Tgt Ion: 99 Resp: 26862

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

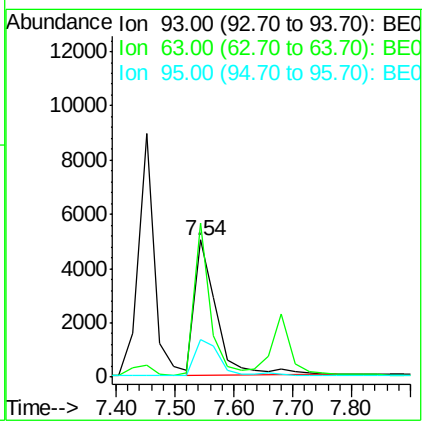


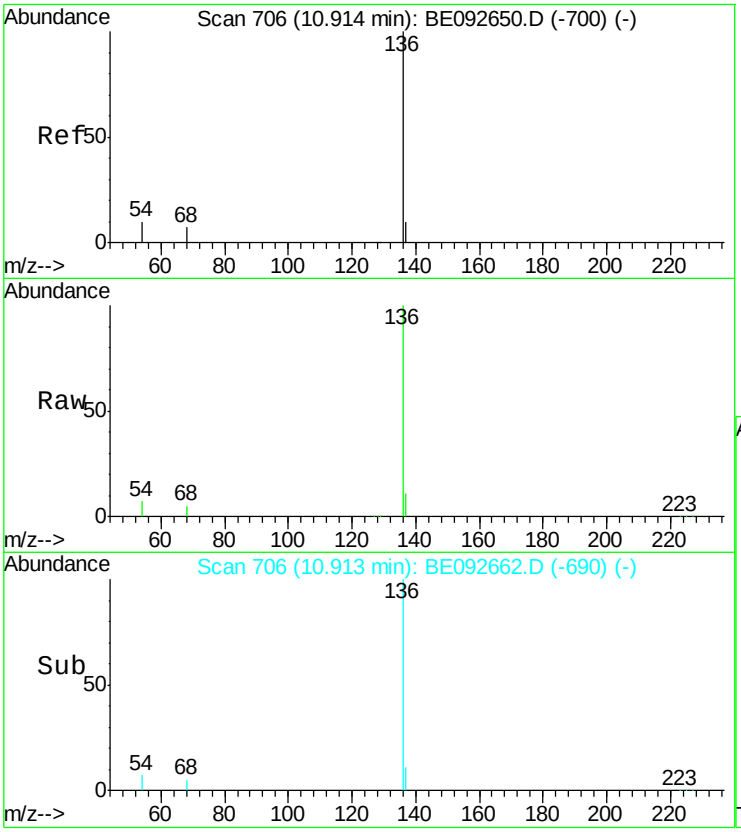


#6
bis(2-Chloroethyl)ether
Concen: 4.57 ng
RT: 7.54 min Scan# 549
Delta R.T. -0.02 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Tgt Ion: 93 Resp: 12797

Ion	Ratio	Lower	Upper
93	100		
63	82.3	71.6	107.4
95	30.6	24.0	36.0



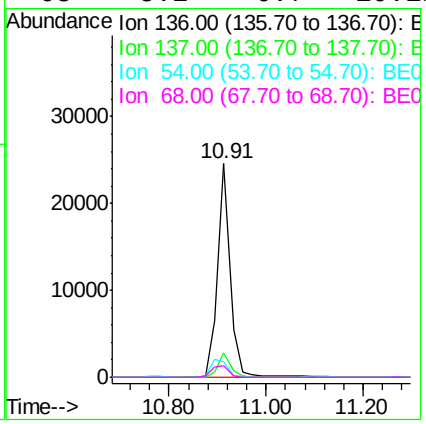


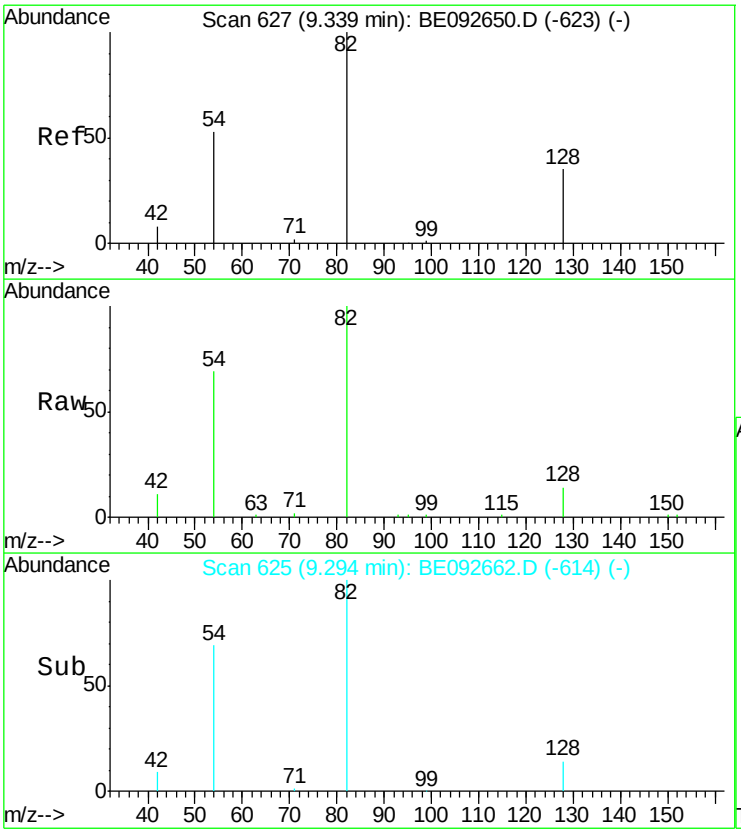
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.91 min Scan# 706
Delta R.T. -0.00 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Instrument :
BNA_E
ClientSampleId :
PB96141BS

Tgt Ion:136 Resp: 43422

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	6.9	9.6	14.4#
68	5.2	6.7	10.1#

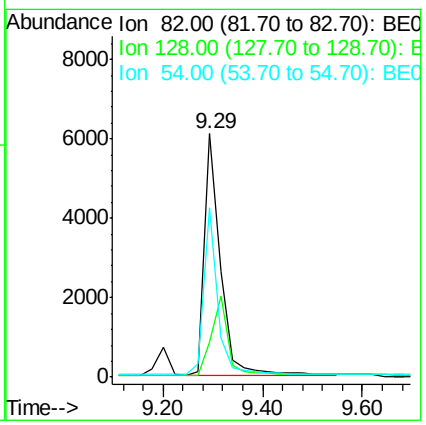


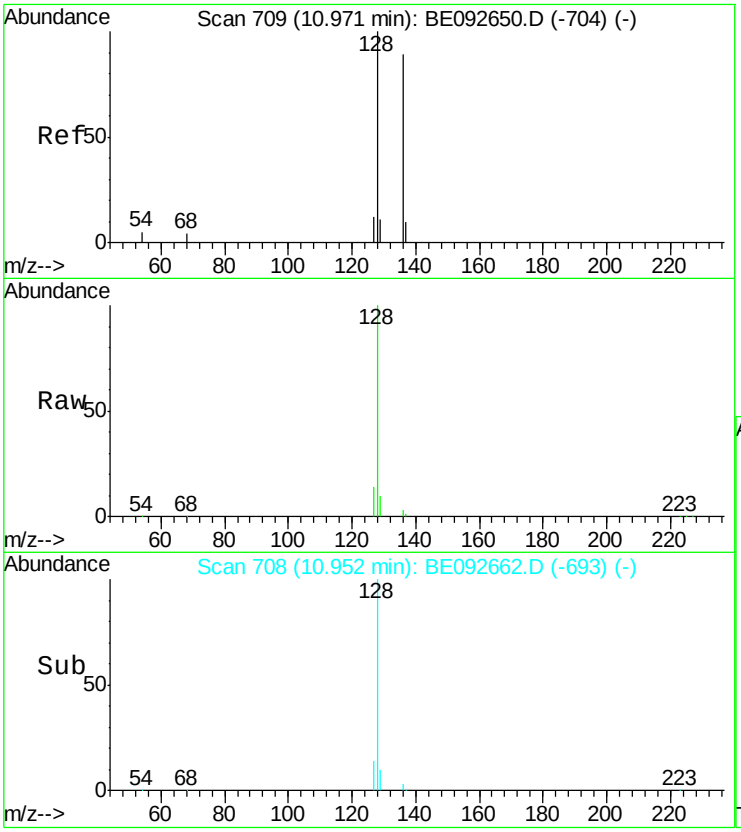


#8
Nitrobenzene-d5
Concen: 4.80 ng
RT: 9.29 min Scan# 625
Delta R.T. -0.05 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Tgt Ion: 82 Resp: 13524

Ion	Ratio	Lower	Upper
82	100		
128	14.4	39.0	58.4#
54	69.4	44.8	67.2#



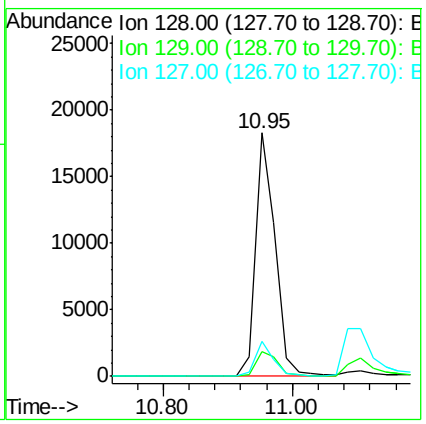


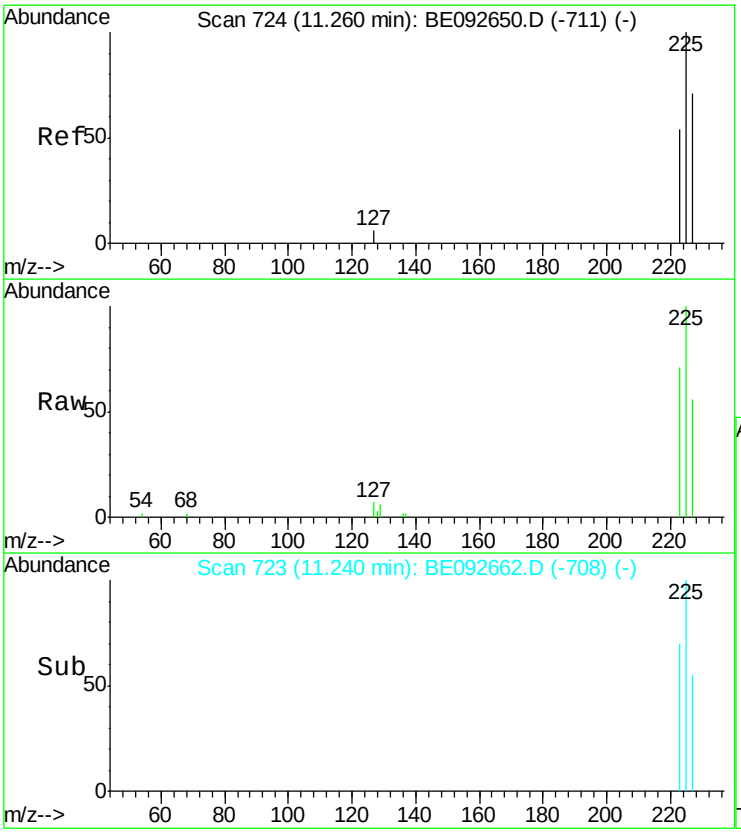
#9
Naphthalene
Concen: 4.21 ng
RT: 10.95 min Scan# 708
Delta R.T. -0.02 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Instrument :
BNA_E
ClientSampleId :
PB96141BS

Tgt Ion:128 Resp: 38192

Ion	Ratio	Lower	Upper
128	100		
129	10.4	11.2	16.8#
127	14.3	11.6	17.4

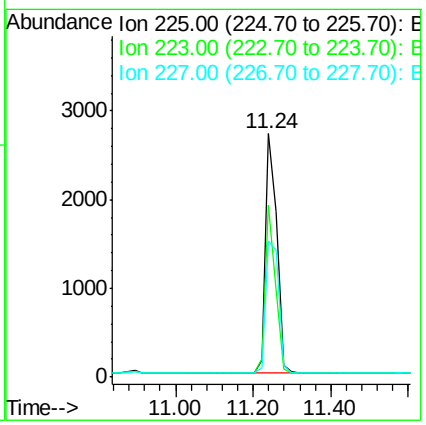


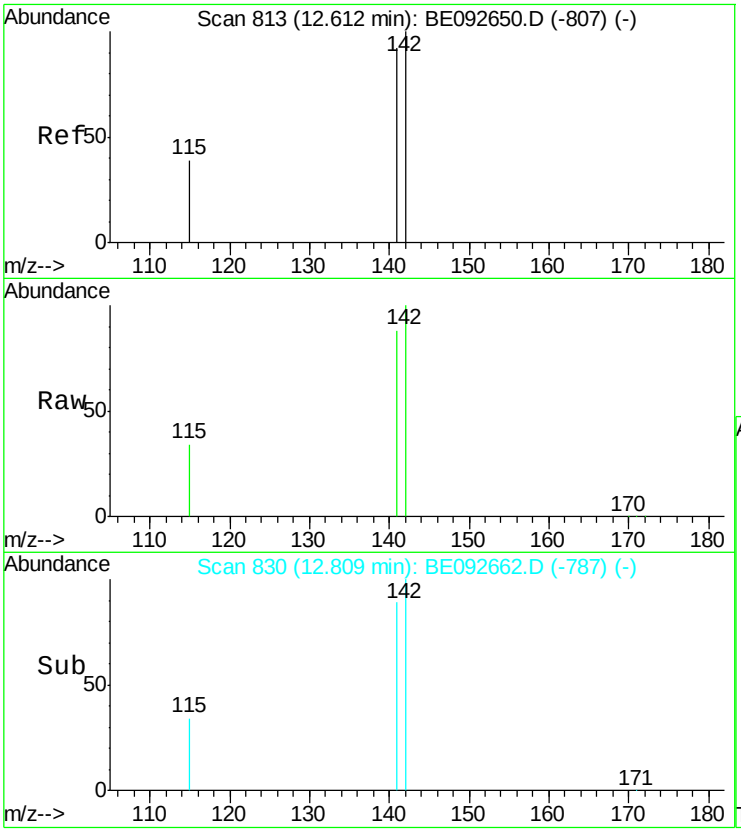


#10
Hexachlorobutadiene
Concen: 4.14 ng
RT: 11.24 min Scan# 723
Delta R.T. -0.02 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Tgt Ion:225 Resp: 5538

Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	63.5	51.4	77.0



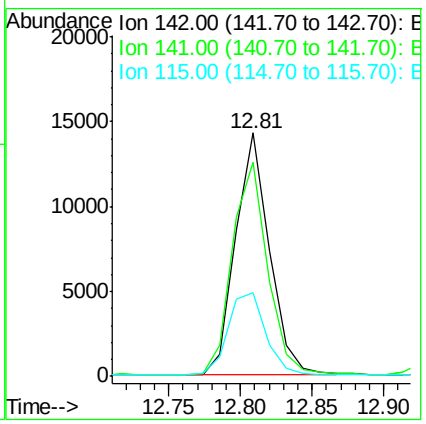


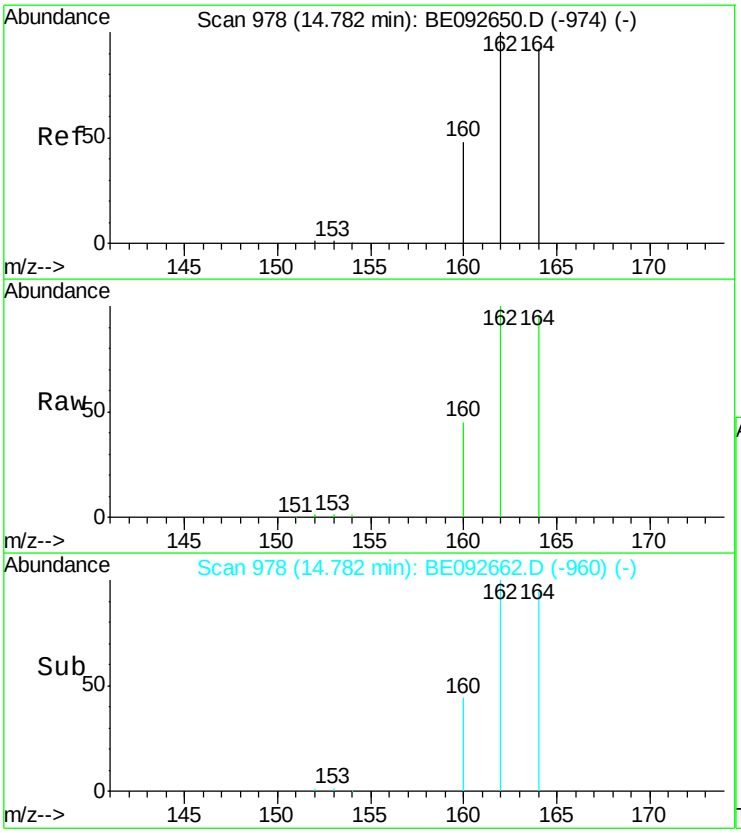
#11
2-Methylnaphthalene
Concen: 4.16 ng
RT: 12.81 min Scan# 830
Delta R.T. 0.20 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Instrument :
BNA_E
ClientSampleId :
PB96141BS

Tgt Ion:142 Resp: 23413

Ion	Ratio	Lower	Upper
142	100		
141	88.0	73.7	110.5
115	34.3	34.0	51.0

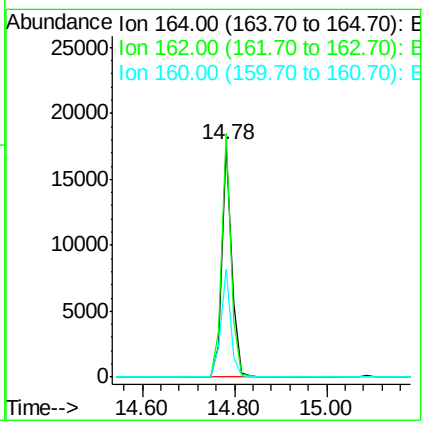


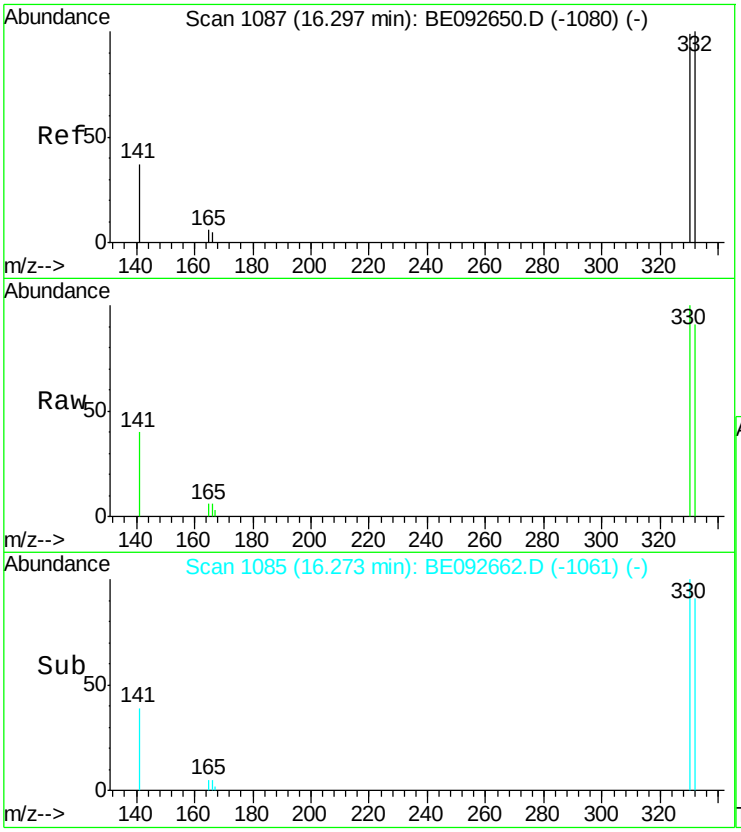


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.78 min Scan# 978
Delta R.T. 0.00 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Tgt Ion:164 Resp: 26465

Ion	Ratio	Lower	Upper
164	100		
162	104.6	71.4	107.0
160	46.6	27.4	41.2#



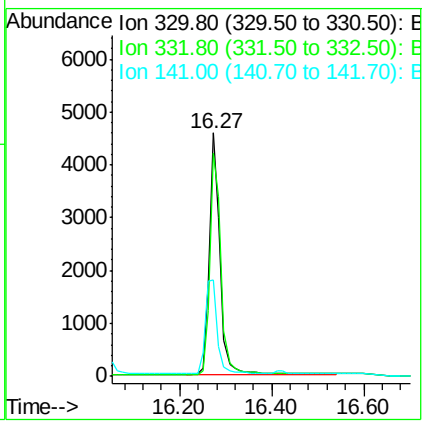


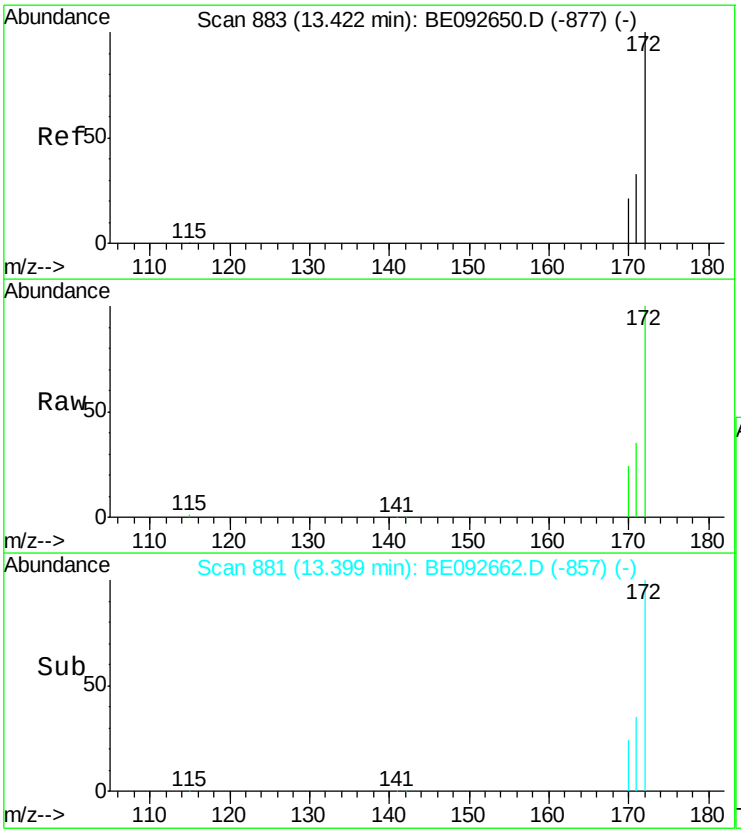
#13
2,4,6-Tribromophenol
Concen: 9.42 ng
RT: 16.27 min Scan# 1085
Delta R.T. -0.02 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Instrument :
BNA_E
ClientSampleId :
PB96141BS

Tgt Ion:330 Resp: 7376

Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.4	113.0
141	44.3	31.0	46.6

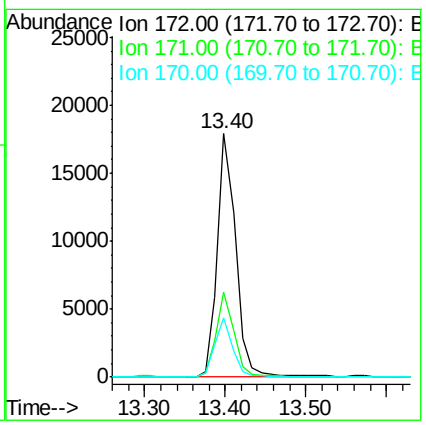


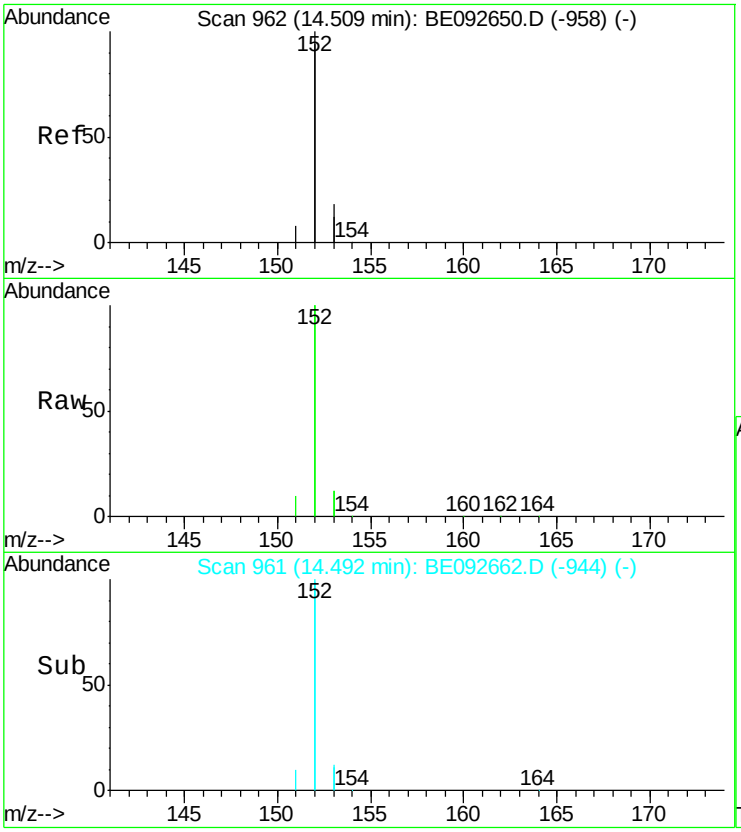


#14
2-Fluorobiphenyl
Concen: 4.31 ng
RT: 13.40 min Scan# 881
Delta R.T. -0.02 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Tgt Ion:172 Resp: 28062

Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.1	45.1
170	24.2	21.8	32.6



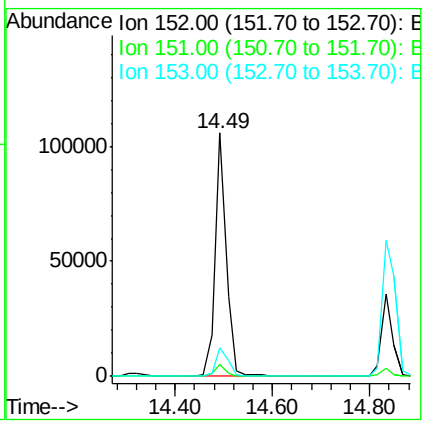


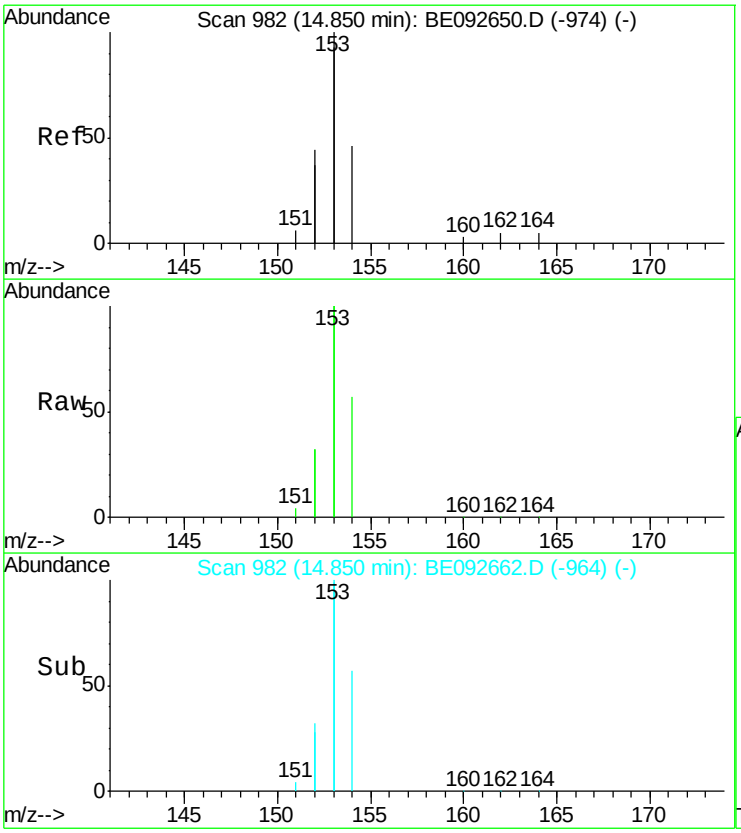
#15
Acenaphthylene
Concen: 4.55 ng
RT: 14.49 min Scan# 961
Delta R.T. -0.02 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Instrument :
BNA_E
ClientSampleId :
PB96141BS

Tgt Ion:152 Resp: 165924

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	12.9	10.4	15.6

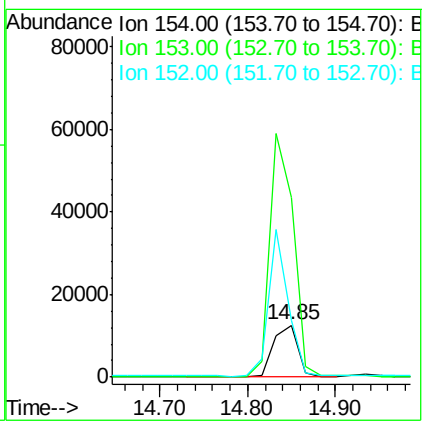


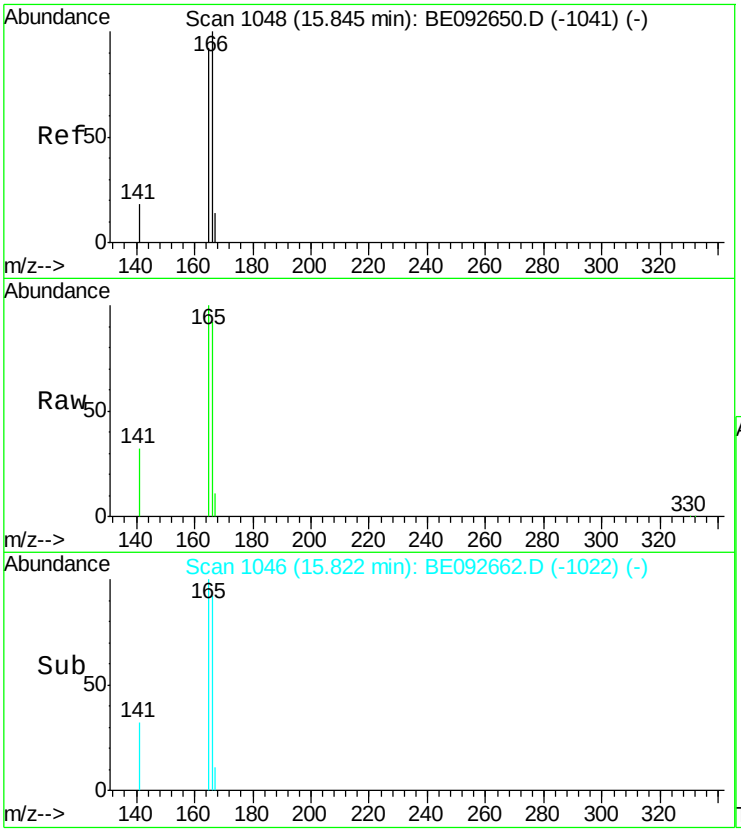


#16
Acenaphthene
Concen: 4.18 ng
RT: 14.85 min Scan# 982
Delta R.T. 0.00 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Tgt Ion:154 Resp: 24436

Ion	Ratio	Lower	Upper
154	100		
153	454.8	350.8	526.2
152	228.7	171.1	256.7



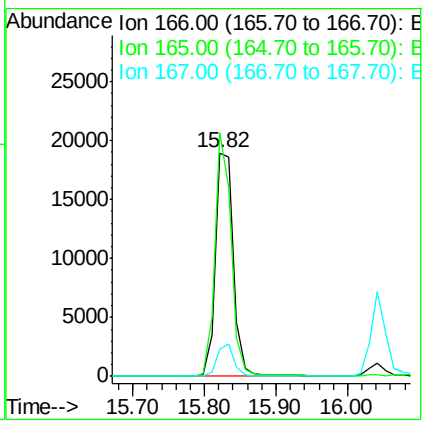


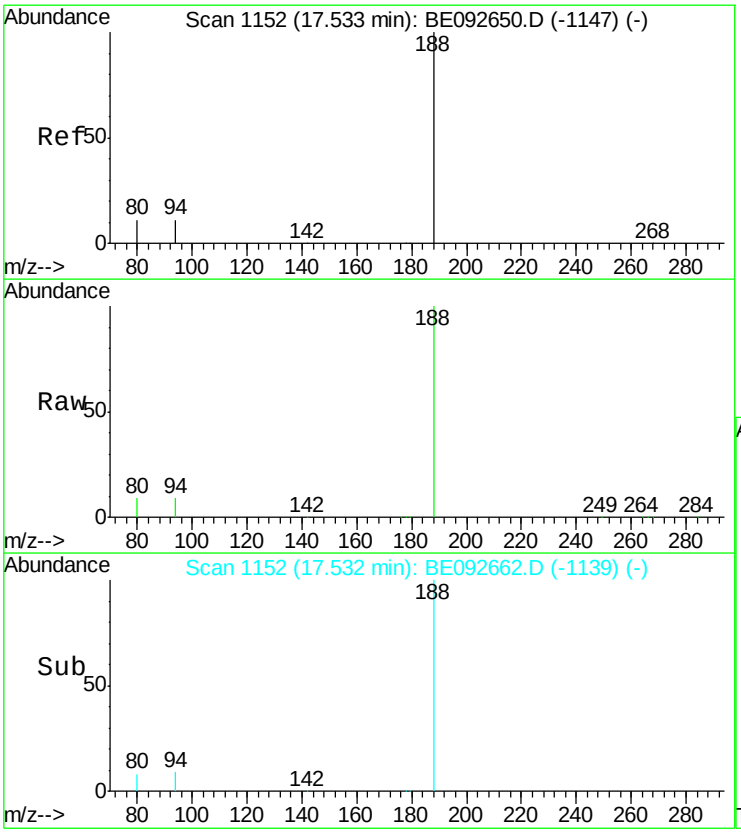
#17
Fluorene
Concen: 4.44 ng
RT: 15.82 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Instrument :
BNA_E
ClientSampleId :
PB96141BS

Tgt Ion:166 Resp: 32589

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.2	117.4
167	13.4	11.0	16.4

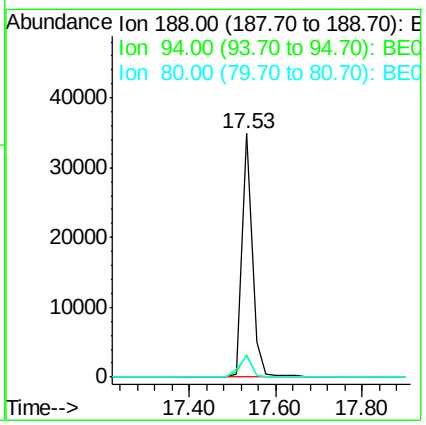


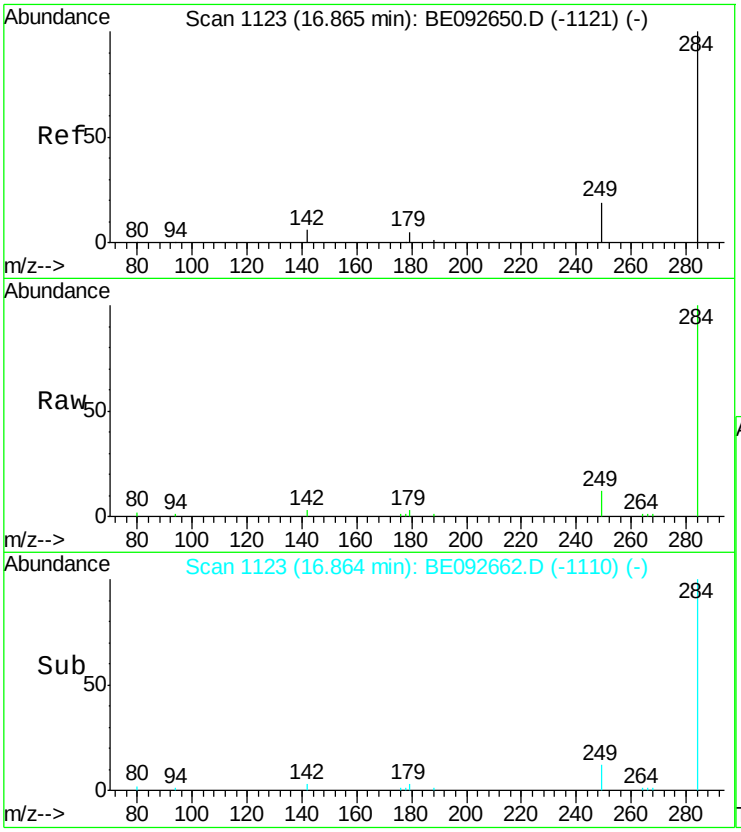


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Tgt Ion:188 Resp: 56978

Ion	Ratio	Lower	Upper
188	100		
94	9.1	3.2	4.8#
80	8.6	2.6	3.8#



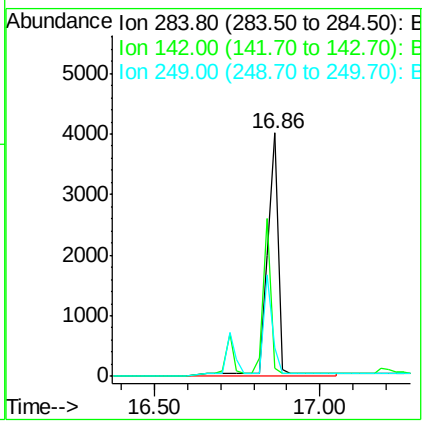


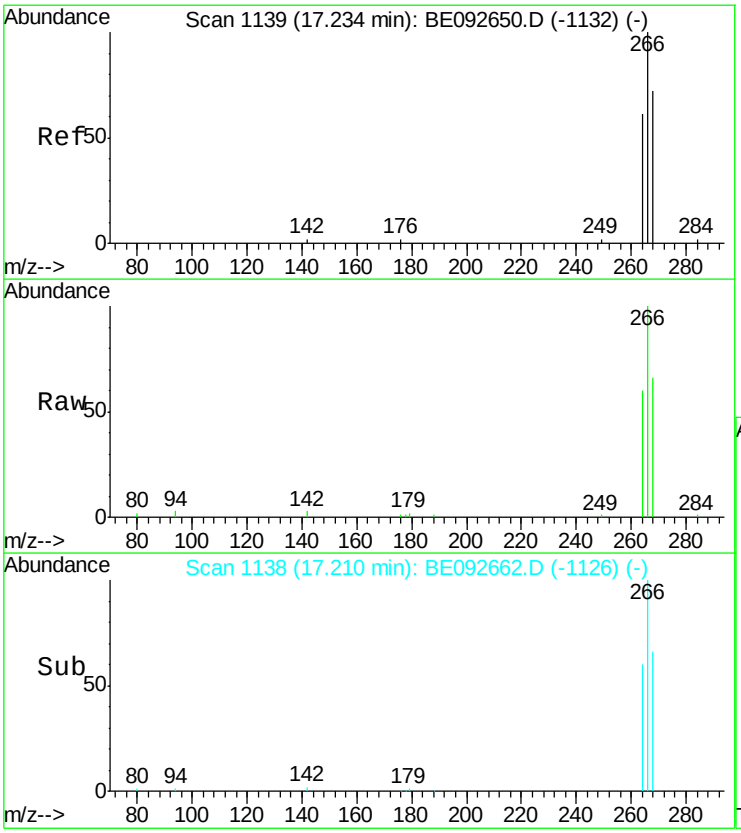
#19
Hexachlorobenzene
Concen: 5.52 ng
RT: 16.86 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Instrument :
BNA_E
ClientSampleId :
PB96141BS

Tgt Ion:284 Resp: 10252

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

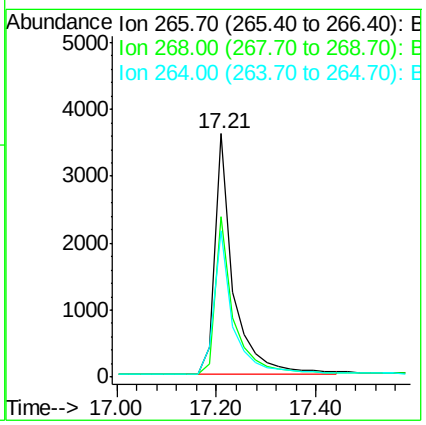


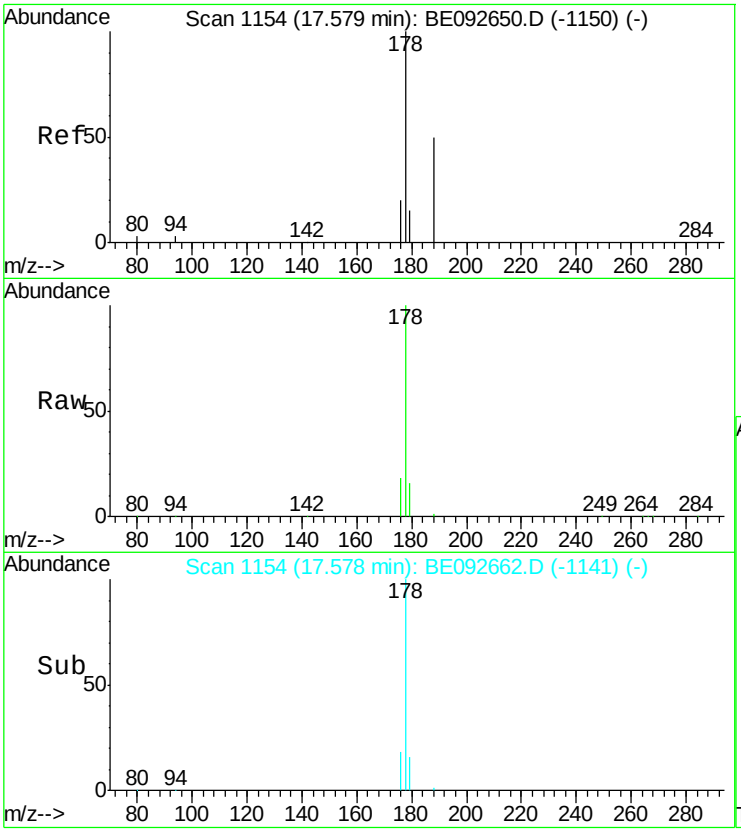


#20
Pentachlorophenol
Concen: 15.68 ng
RT: 17.21 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Tgt Ion:266 Resp: 9182

Ion	Ratio	Lower	Upper
266	100		
268	66.0	62.5	93.7
264	60.2	57.2	85.8



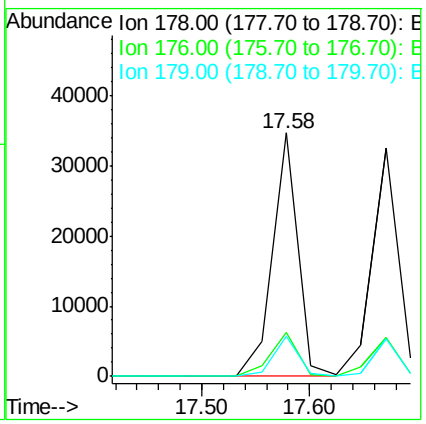


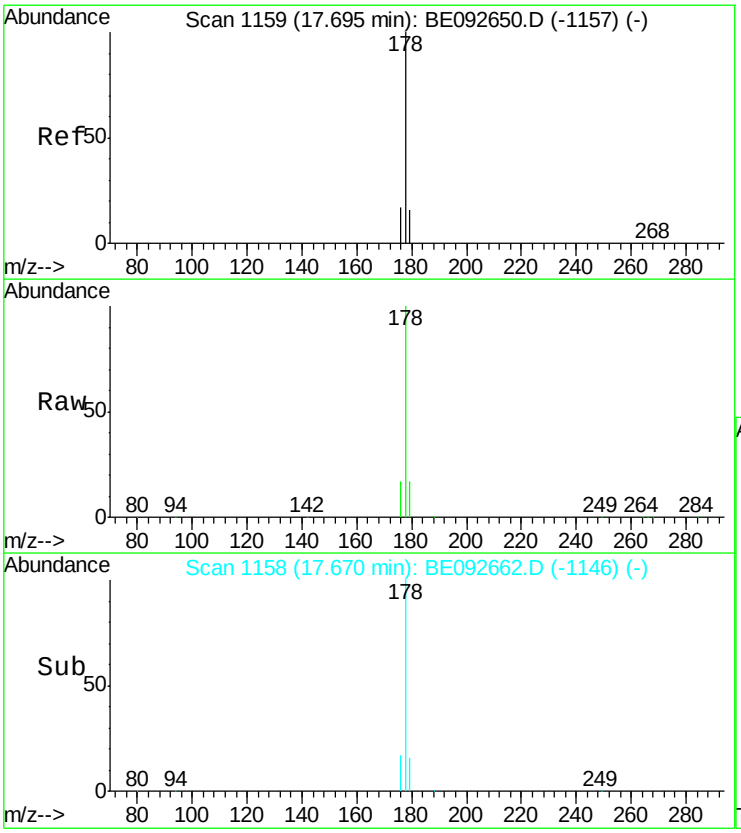
#21
Phenanthrene
Concen: 4.54 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Instrument :
BNA_E
ClientSampleId :
PB96141BS

Tgt Ion:178 Resp: 57107

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.7	16.0	24.0#

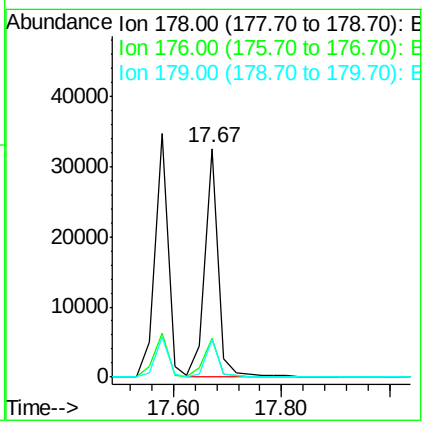


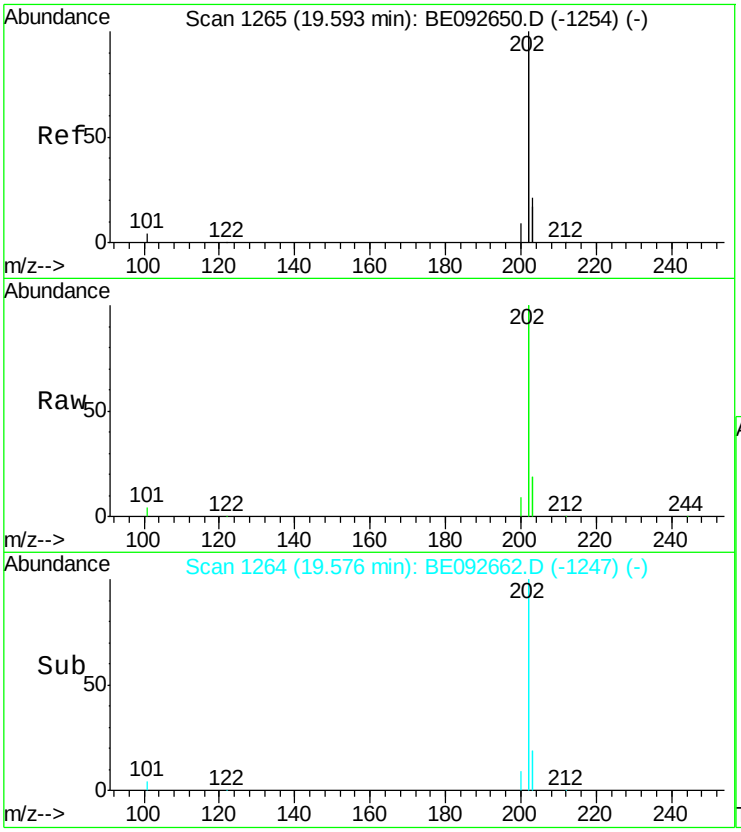


#22
Anthracene
Concen: 4.83 ng
RT: 17.67 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Tgt Ion:178 Resp: 56062

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	16.0	12.2	18.2



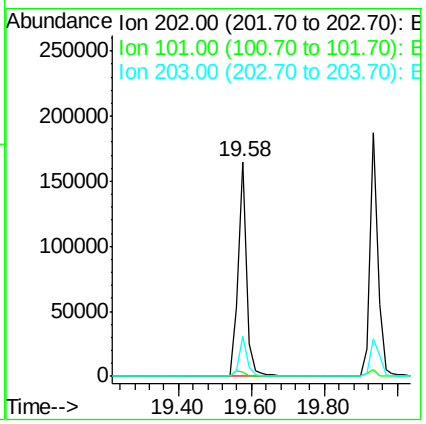


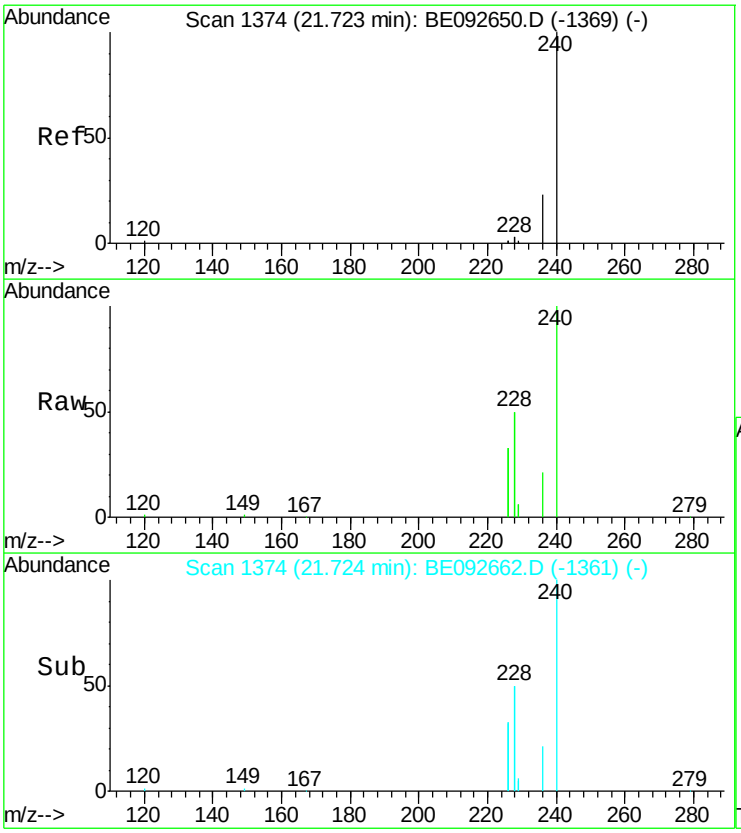
#23
Fluoranthene
Concen: 4.64 ng
RT: 19.58 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Instrument :
BNA_E
ClientSampleId :
PB96141BS

Tgt Ion:202 Resp: 258626

Ion	Ratio	Lower	Upper
202	100		
101	2.9	2.2	3.4
203	17.9	13.7	20.5

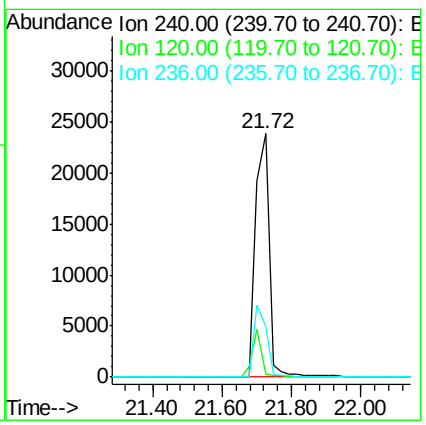


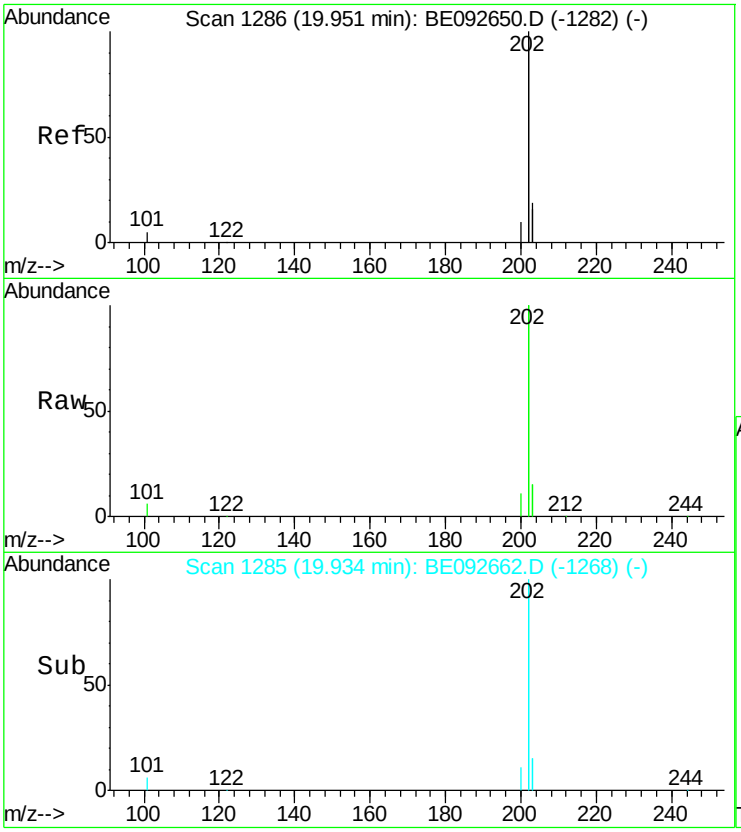


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Tgt Ion:240 Resp: 61897

Ion	Ratio	Lower	Upper
240	100		
120	1.1	2.6	4.0#
236	20.9	24.6	37.0#



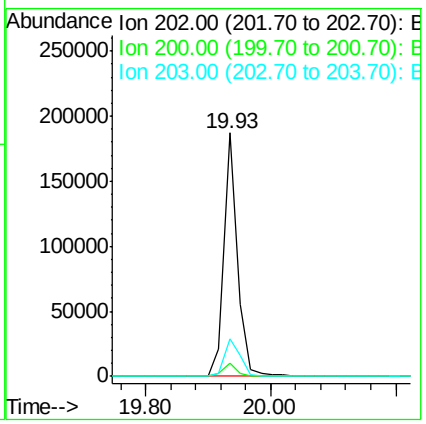


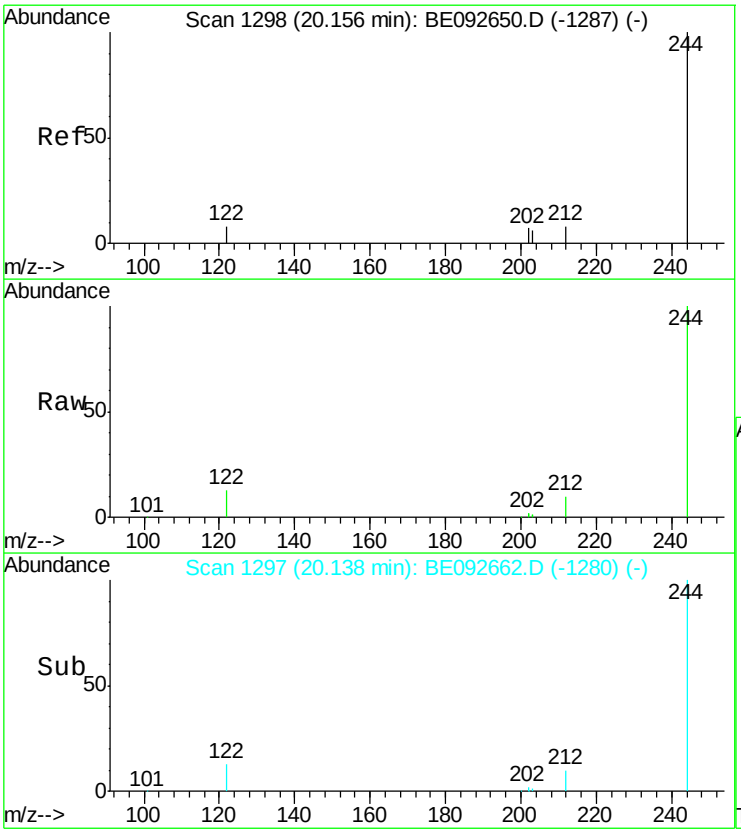
#25
Pyrene
Concen: 4.58 ng
RT: 19.93 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Instrument :
BNA_E
ClientSampleId :
PB96141BS

Tgt Ion:202 Resp: 279665

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

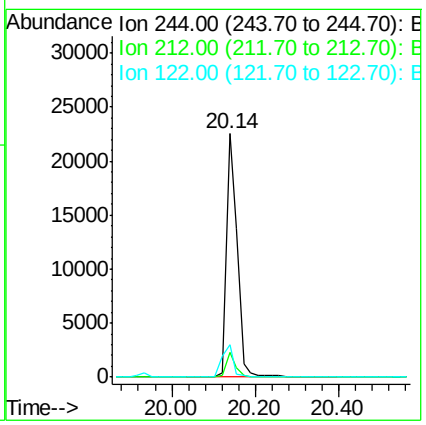


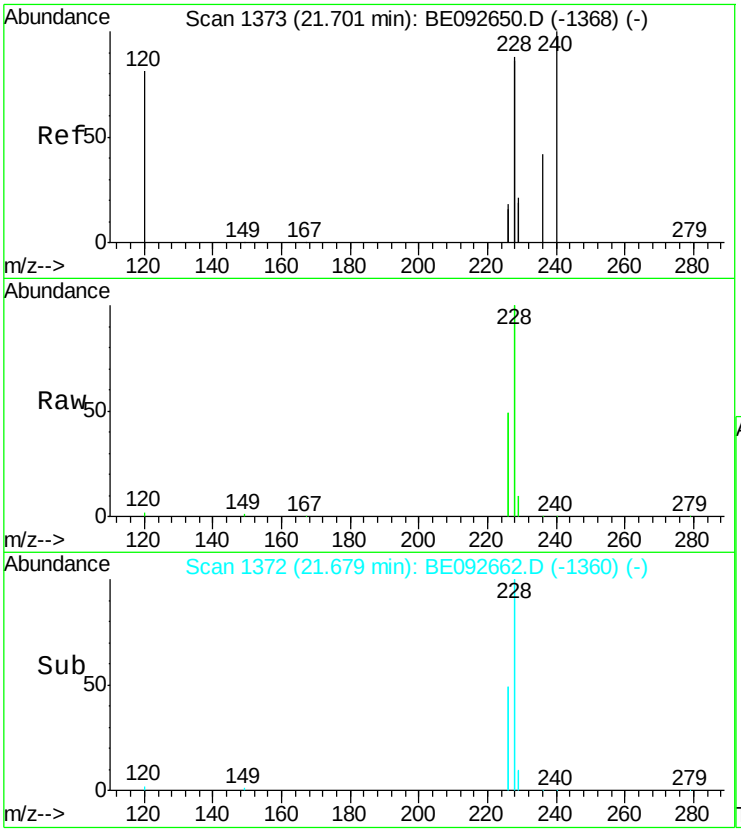


#26
Terphenyl-d14
Concen: 4.53 ng
RT: 20.14 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Tgt Ion:244 Resp: 39662

Ion	Ratio	Lower	Upper
244	100		
212	9.9	6.7	10.1
122	13.3	3.6	5.4#



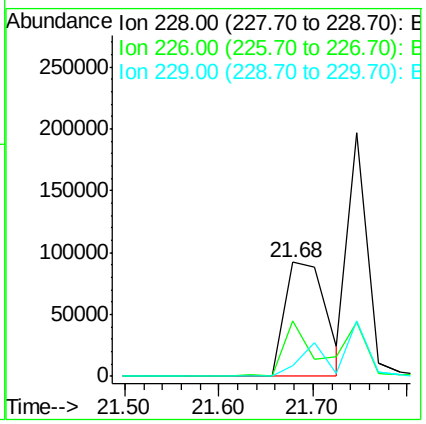


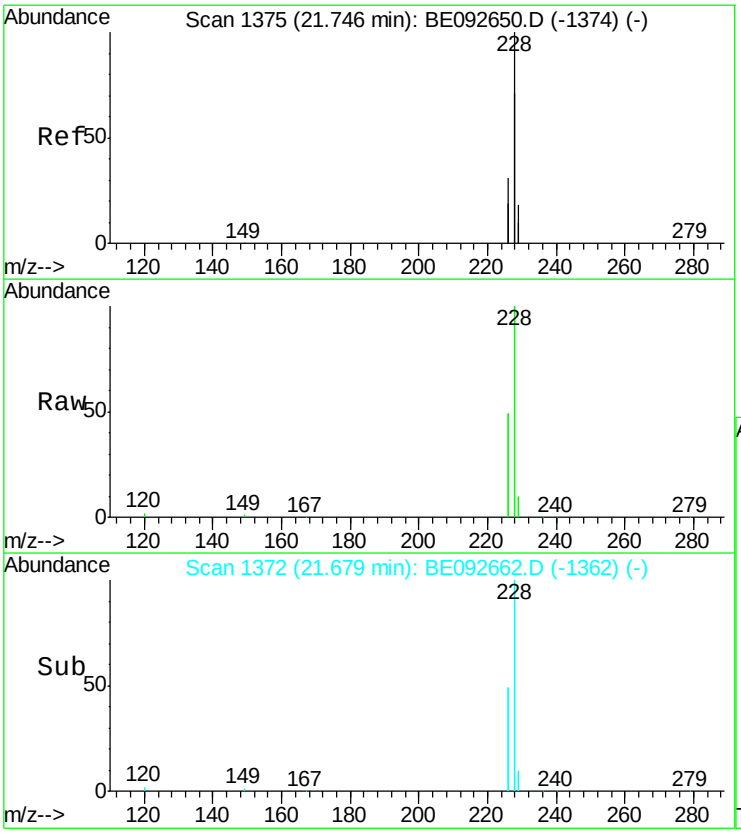
#27
Benzo(a)anthracene
Concen: 4.54 ng
RT: 21.68 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Instrument :
BNA_E
ClientSampleId :
PB96141BS

Tgt Ion:228 Resp: 276951

Ion	Ratio	Lower	Upper
228	100		
226	48.9	23.6	35.4#
229	9.8	13.3	19.9#

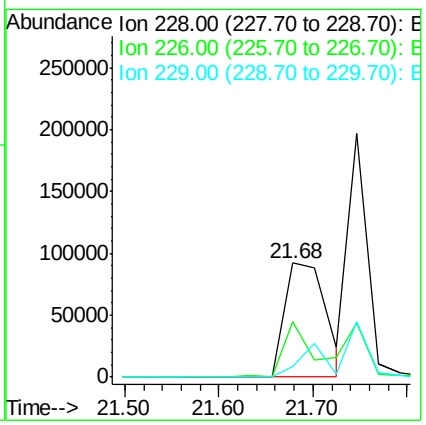


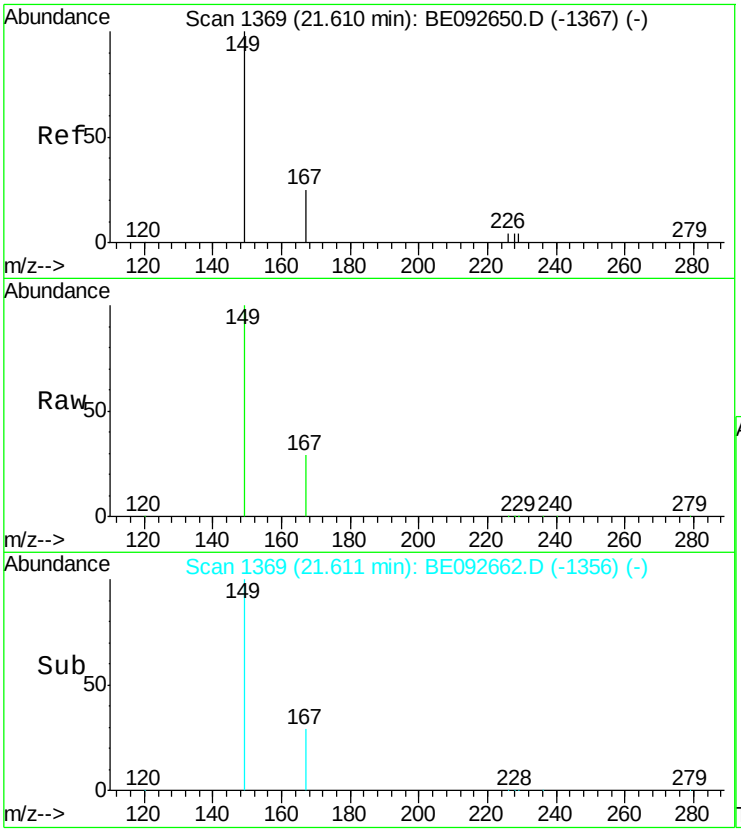


#28
Chrysene
Concen: 4.04 ng
RT: 21.68 min Scan# 1372
Delta R.T. -0.07 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Tgt Ion:228 Resp: 276951

Ion	Ratio	Lower	Upper
228	100		
226	48.9	36.3	54.5
229	9.8	10.6	16.0#



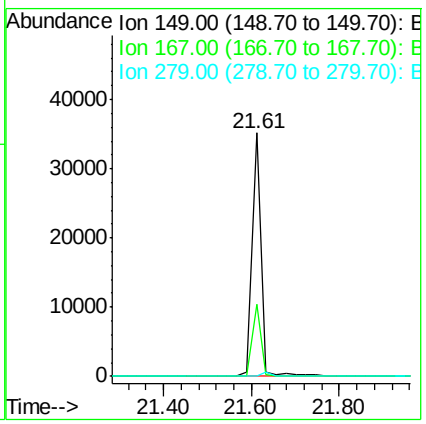


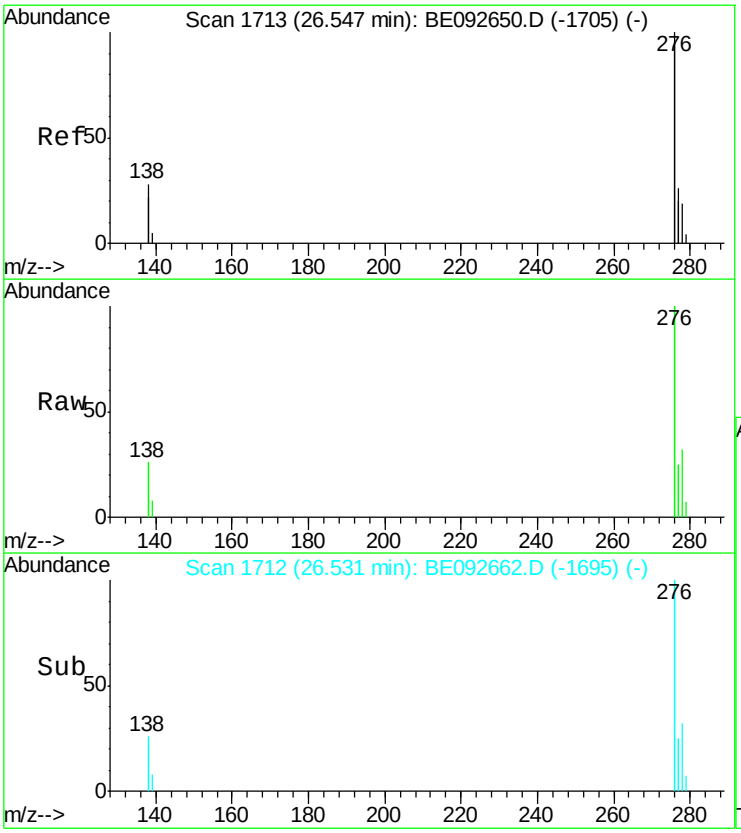
#29
Bis(2-ethylhexyl)phthalate
Concen: 4.21 ng
RT: 21.61 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Instrument :
BNA_E
ClientSampleId :
PB96141BS

Tgt Ion:149 Resp: 50138

Ion	Ratio	Lower	Upper
149	100		
167	28.7	16.0	24.0#
279	0.0	16.0	24.0#

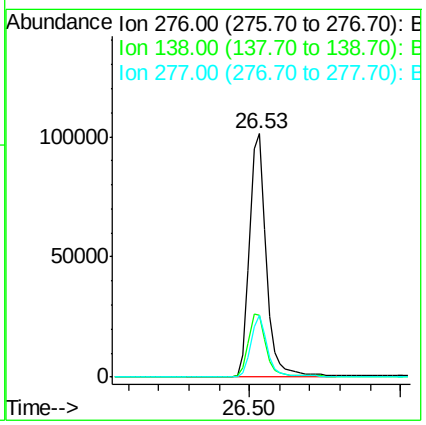


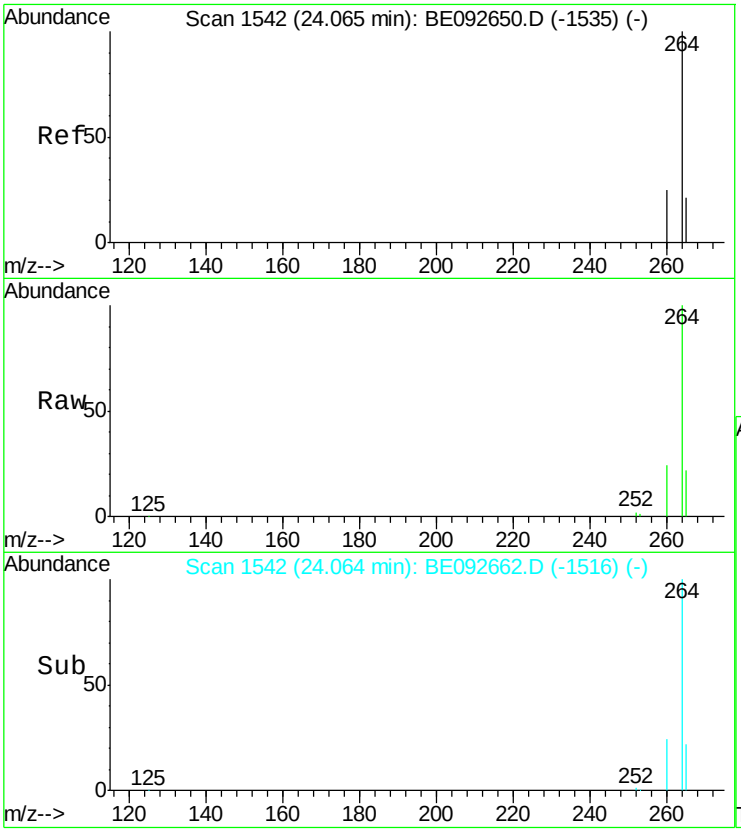


#30
Indeno(1,2,3-cd)pyrene
Concen: 5.06 ng
RT: 26.53 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Tgt Ion:276 Resp: 375250

Ion	Ratio	Lower	Upper
276	100		
138	27.3	20.3	30.5
277	24.6	19.7	29.5



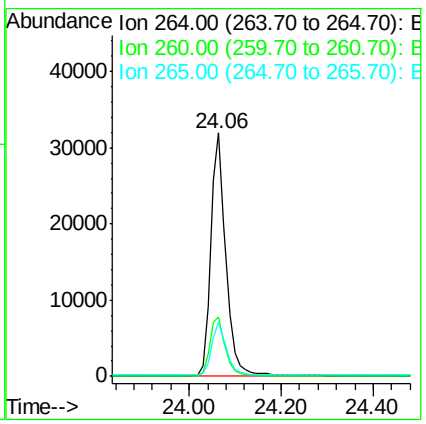


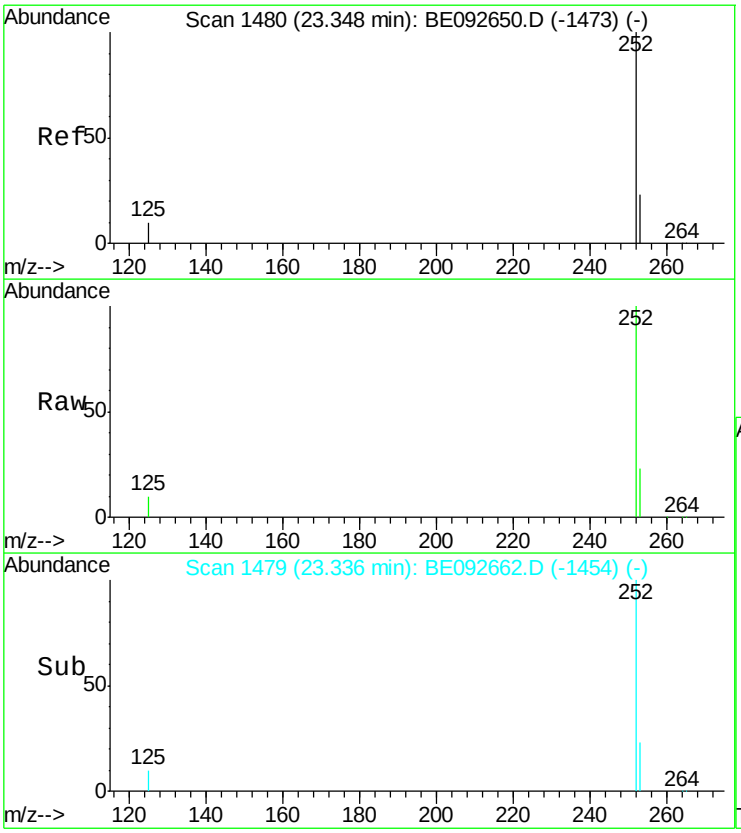
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.06 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Instrument :
BNA_E
ClientSampleId :
PB96141BS

Tgt Ion:264 Resp: 72482

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.1	30.1
265	22.4	17.9	26.9

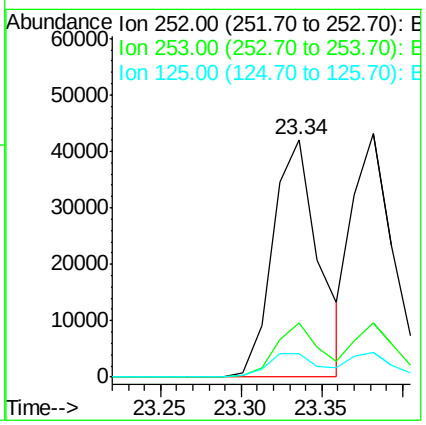


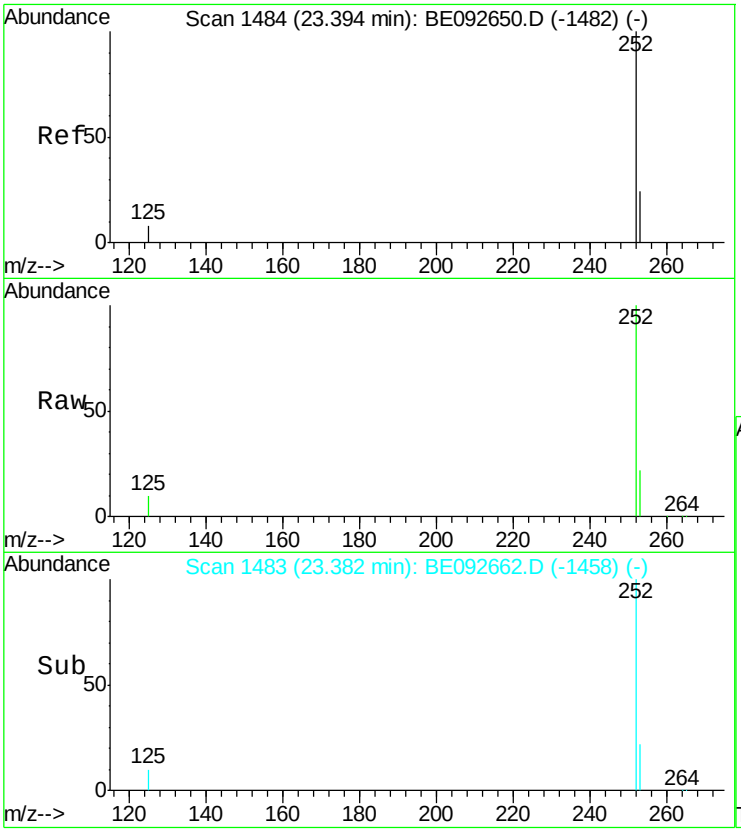


#32
Benzo(b)fluoranthene
Concen: 4.77 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Tgt Ion:252 Resp: 83578

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.7	28.1
125	9.9	10.5	15.7#



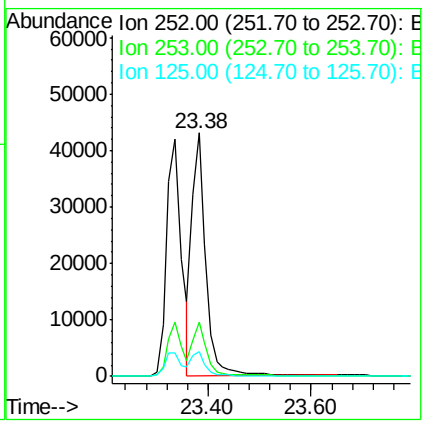


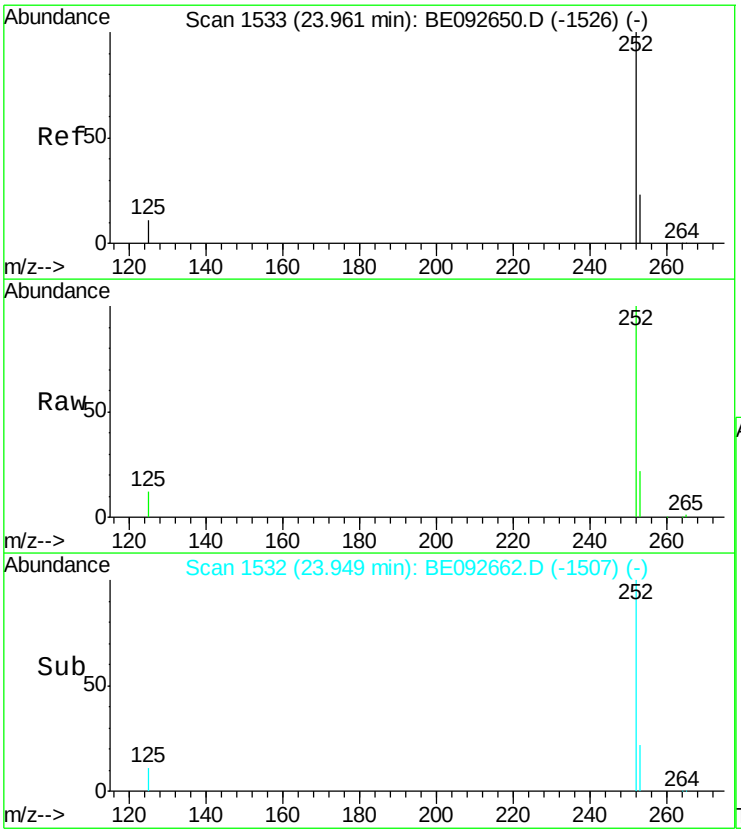
#33
Benzo(k)fluoranthene
Concen: 4.52 ng
RT: 23.38 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Instrument :
BNA_E
ClientSampleId :
PB96141BS

Tgt Ion:252 Resp: 79531

Ion	Ratio	Lower	Upper
252	100		
253	22.4	20.3	30.5
125	10.2	9.6	14.4

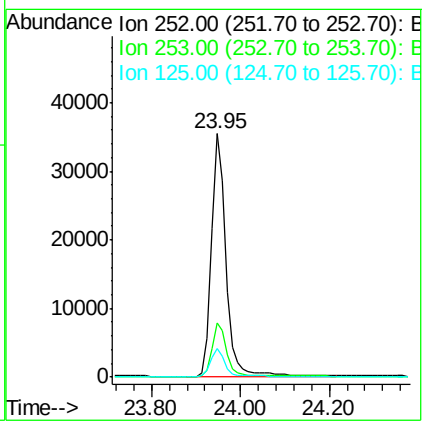


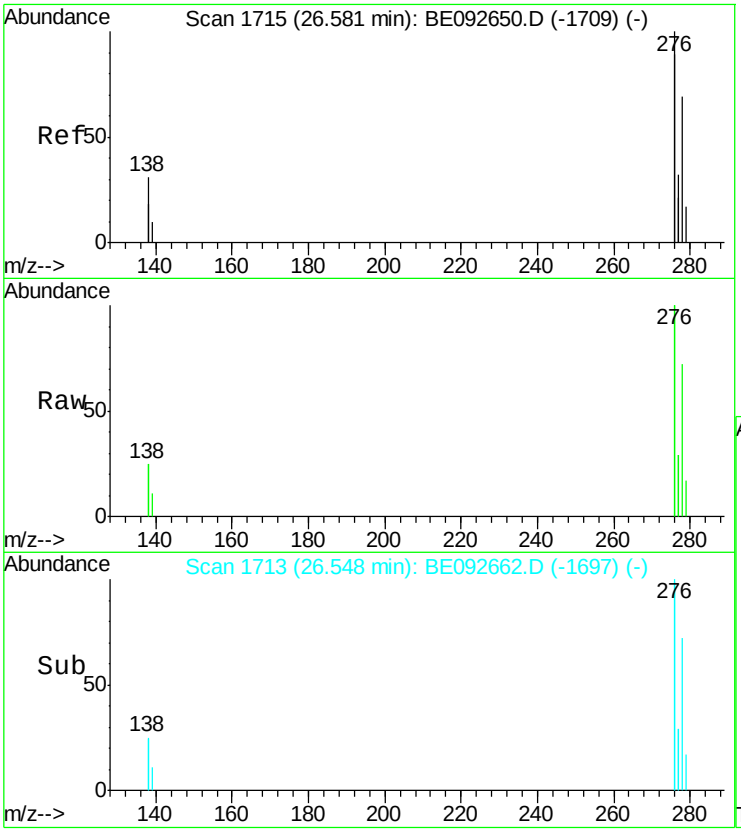


#34
Benzo(a)pyrene
Concen: 4.89 ng
RT: 23.95 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Tgt Ion:252 Resp: 80564

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.0	28.6
125	11.5	11.8	17.8#



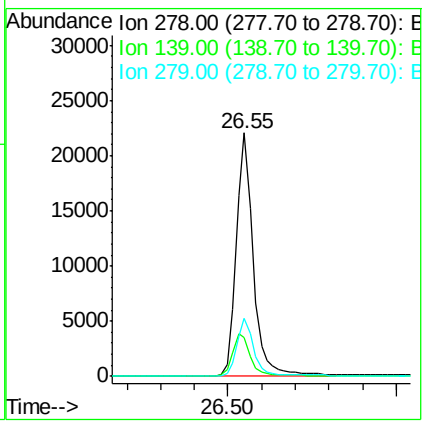


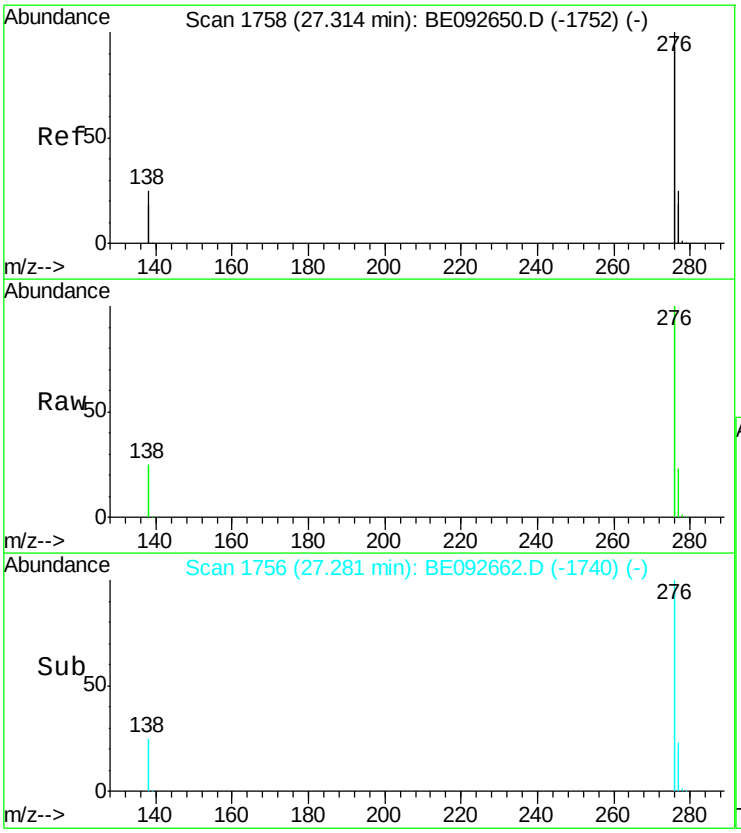
#35
Dibenzo(a,h)anthracene
Concen: 4.78 ng
RT: 26.55 min Scan# 1713
Delta R.T. -0.03 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Instrument :
BNA_E
ClientSampleId :
PB96141BS

Tgt Ion:278 Resp: 77064

Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.8	20.8
279	24.0	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 4.71 ng
RT: 27.28 min Scan# 1756
Delta R.T. -0.03 min
Lab File: BE092662.D
Acq: 19 Jan 2017 18:10

Tgt Ion:276 Resp: 320478

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.8	29.8
138	24.6	19.8	29.6