Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032817\
Data File : BE092850.D
Acq On : 28 Mar 2017 23:58
Operator : SJ/MA
Sample : PB97725BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 29 04:58:32 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 28 14:58:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	9091	5.00	ng		-0.02
7) Naphthalene-d8	10.55	136	38044	5.00	ng		0.00
12) Acenaphthene-d10	14.40	164	17343	5.00	ng		0.00
18) Phenanthrene-d10	17.13	188	34182	5.00	ng		-0.02
24) Chrysene-d12	21.28	240	36975	5.00	ng		-0.02
31) Perylene-d12	23.71	264	29983	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	19066	9.01	ng		0.00
5) Phenol-d6	6.95	99	28787	9.27	ng		0.00
8) Nitrobenzene-d5	8.93	82	9644	4.42	ng		0.00
13) 2,4,6-Tribromophenol	15.88	330	2940	10.85	ng		0.00
14) 2-Fluorobiphenyl	13.02	172	23773	4.16	ng		-0.01
26) Terphenyl-d14	19.76	244	22944	3.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	4095	3.37	ng		97
3) n-Nitrosodimethylamine	3.61	42	5620	4.48	ng		83
6) bis(2-Chloroethyl)ether	7.20	93	12431	4.21	ng	#	48
9) Naphthalene	10.58	128	33769	4.05	ng	#	95
10) Hexachlorobutadiene	10.89	225	4657	4.17	ng		99
11) 2-Methylnaphthalene	12.21	142	21281	4.02	ng	#	90
15) Acenaphthylene	14.09	152	113575	4.27	ng		100
16) Acenaphthene	14.45	154	19784	4.17	ng		97
17) Fluorene	15.44	166	23328	4.13	ng		99
19) Hexachlorobenzene	16.47	284	6282	4.96	ng	#	64
20) Pentachlorophenol	16.81	266	3725	8.87	ng	#	86
21) Phenanthrene	17.18	178	40098	4.82	ng	#	94
22) Anthracene	17.27	178	37111	4.91	ng		100
23) Fluoranthene	19.18	202	177689	4.64	ng	#	96
25) Pyrene	19.54	202	166148	4.52	ng		99
27) Benzo(a)anthracene	21.26	228	41334	4.72	ng		97
28) Chrysene	21.31	228	37990	4.11	ng	#	82
29) Bis(2-ethylhexyl)phthalate	21.21	149	12596	4.06	ng	#	77
30) Indeno(1,2,3-cd)pyrene	26.25	276	152399	4.38	ng	#	93
32) Benzo(b)fluoranthene	22.96	252	33590	4.21	ng		97
33) Benzo(k)fluoranthene	23.01	252	34128	4.78	ng		92
34) Benzo(a)pyrene	23.60	252	30070	4.56	ng		97
35) Dibenzo(a,h)anthracene	26.27	278	32761	4.67	ng	#	92
36) Benzo(g,h,i)perylene	27.02	276	133337	4.58	ng		94

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

Quantitation Report (Not Reviewed)

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Instrument :
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Quant Time: Mar 29 04:58:32 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 28 14:58:05 2017
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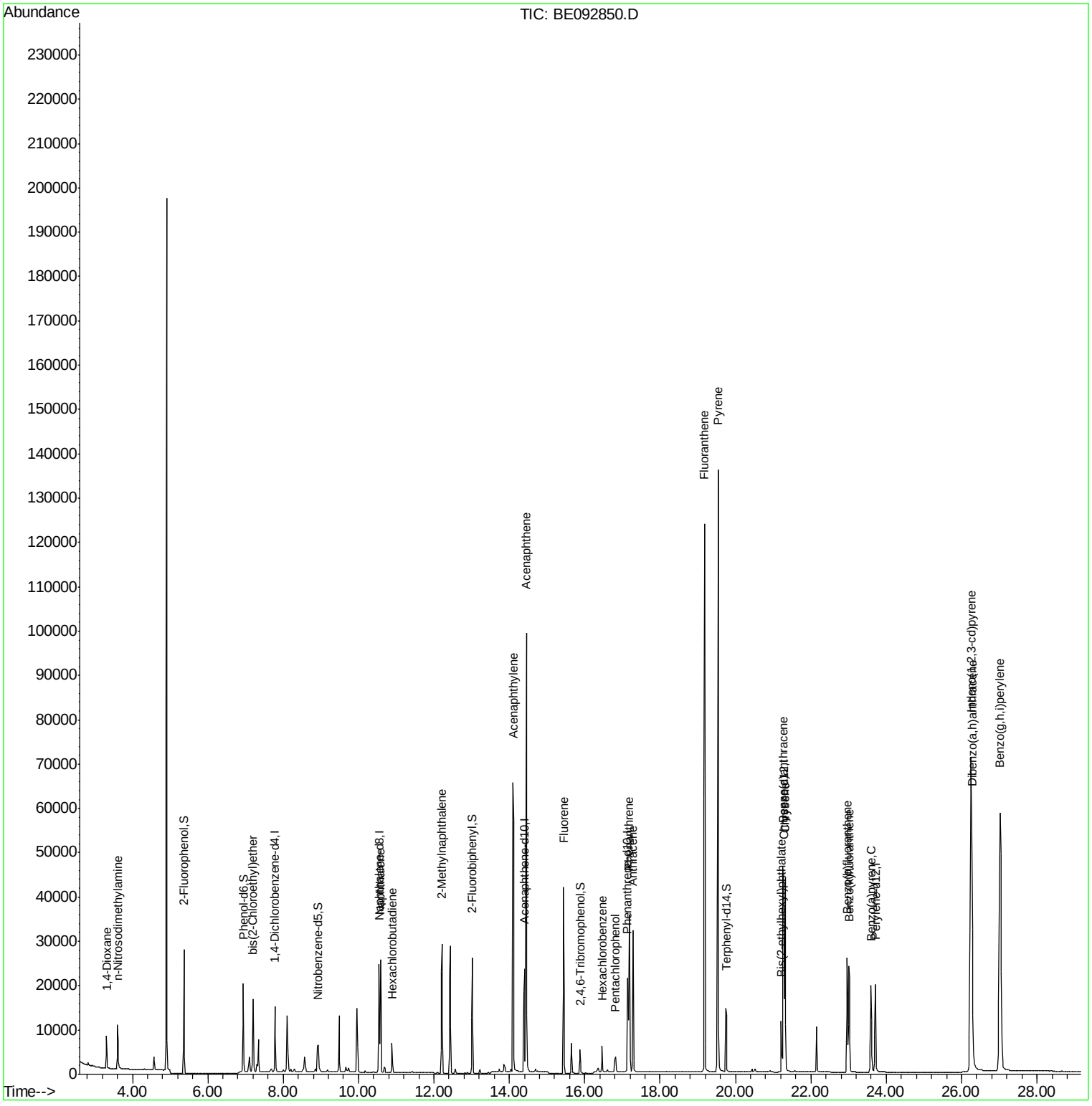
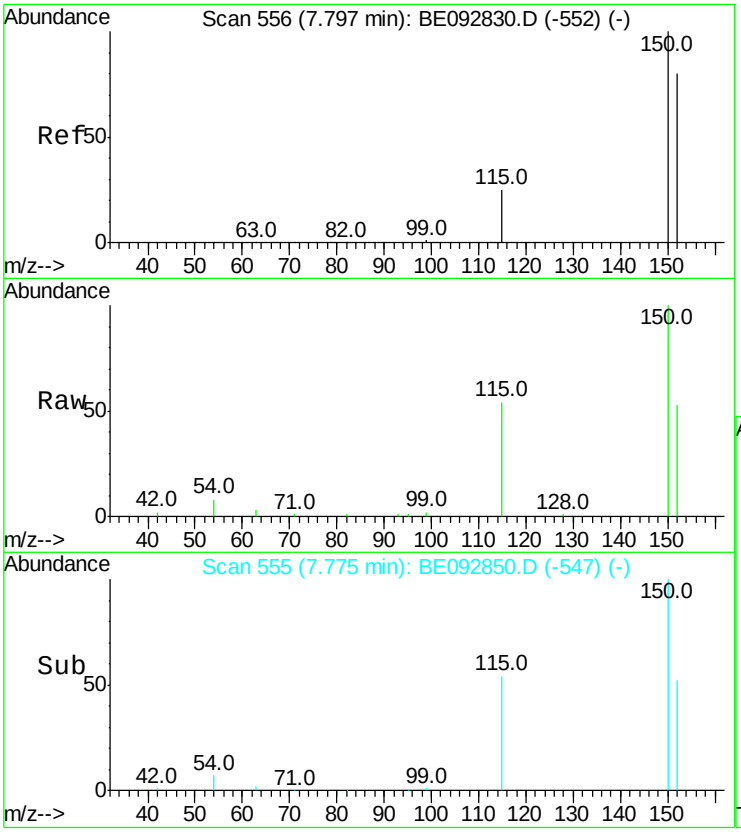


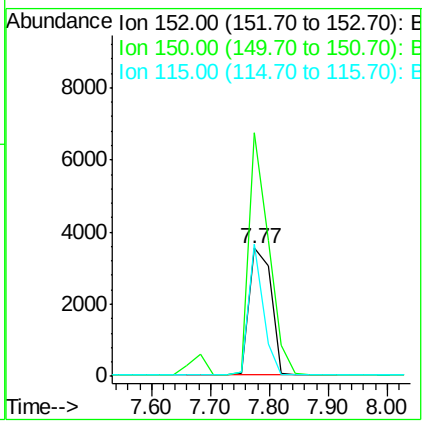


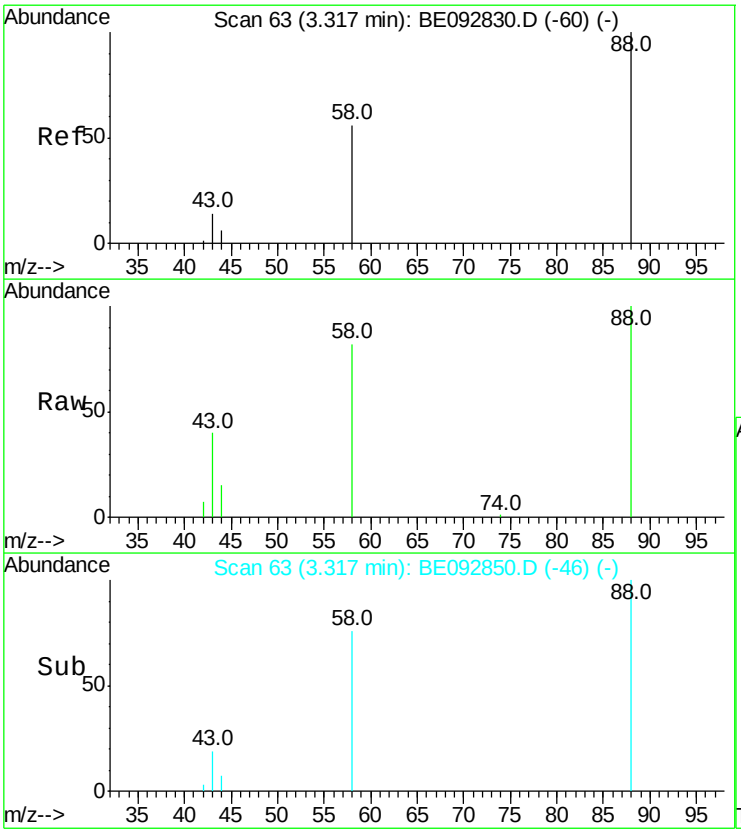
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.77 min Scan# 555
Delta R.T. -0.02 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 9091

Ion	Ratio	Lower	Upper
152	100		
150	190.0	106.0	159.0#
115	103.0	31.2	46.8#

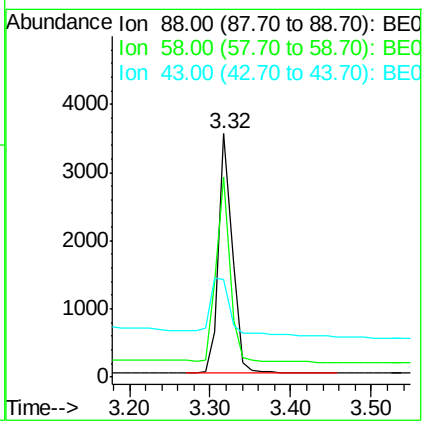


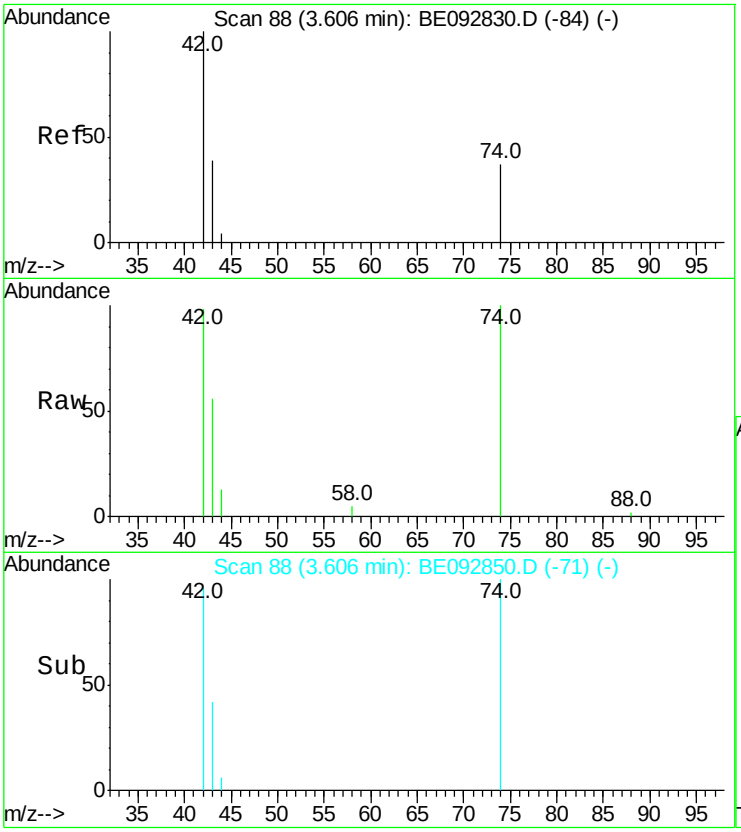


#2
1,4-Dioxane
Concen: 3.37 ng
RT: 3.32 min Scan# 63
Delta R.T. 0.00 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Tgt Ion: 88 Resp: 4095

Ion	Ratio	Lower	Upper
88	100		
58	80.3	63.6	95.4
43	39.3	28.0	42.0



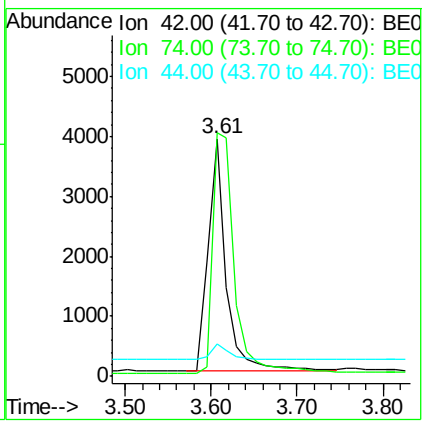


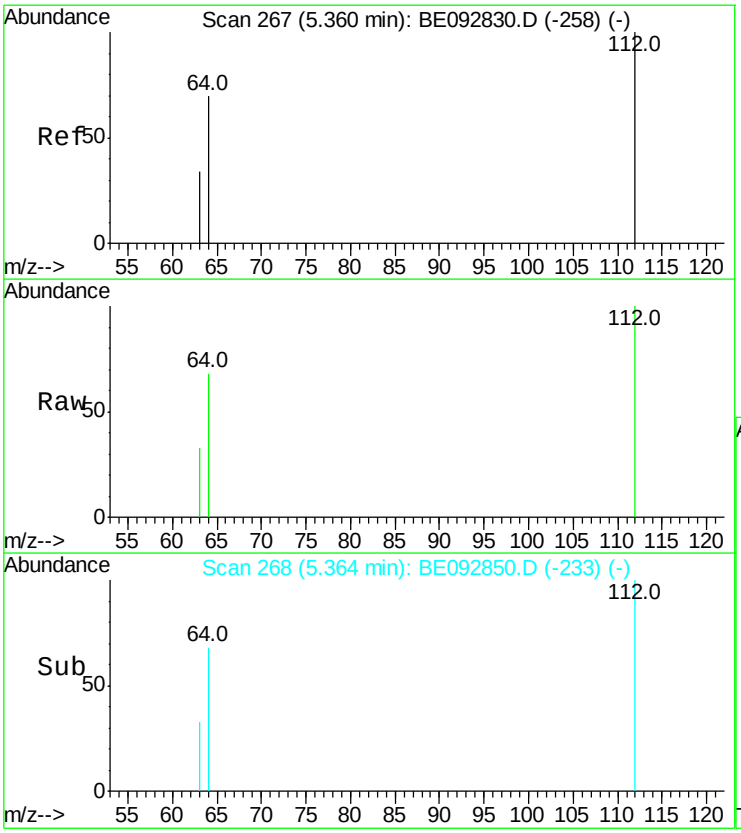
#3
n-Nitrosodimethylamine
Concen: 4.48 ng
RT: 3.61 min Scan# 88
Delta R.T. 0.00 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 5620

Ion	Ratio	Lower	Upper
42	100		
74	126.8	86.0	129.0
44	6.7	5.1	7.7

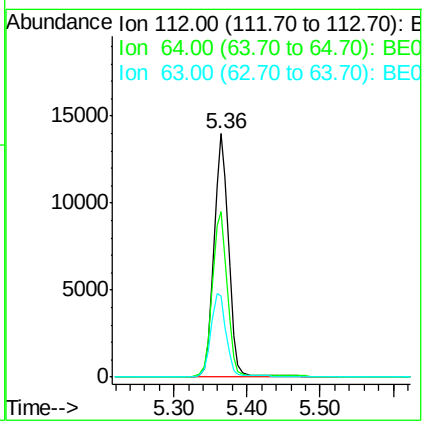


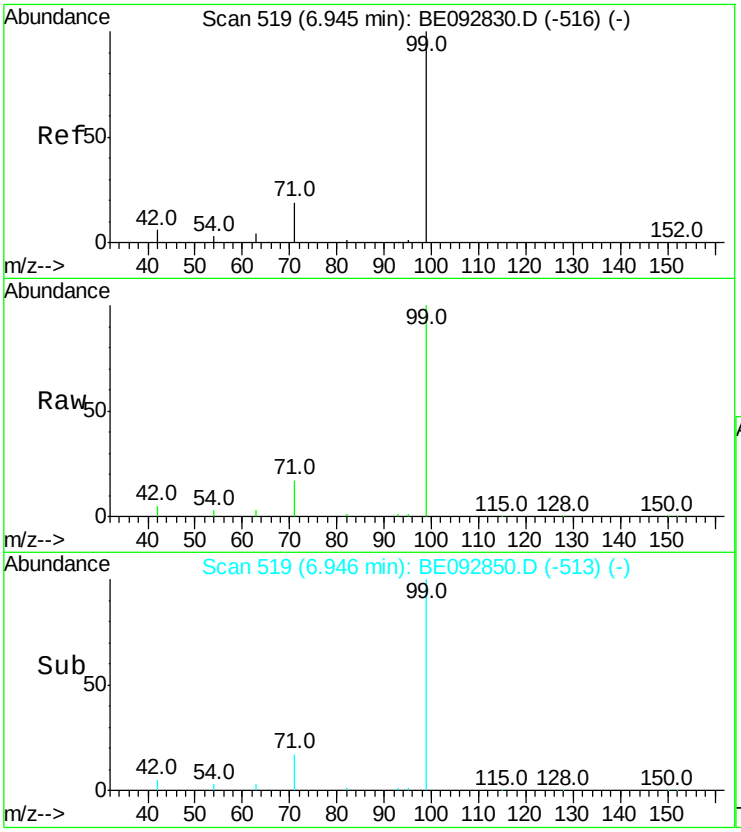


#4
2-Fluorophenol
Concen: 9.01 ng
RT: 5.36 min Scan# 268
Delta R.T. 0.00 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Tgt Ion:112 Resp: 19066

Ion	Ratio	Lower	Upper
112	100		
64	69.1	53.5	80.3
63	35.6	27.9	41.9



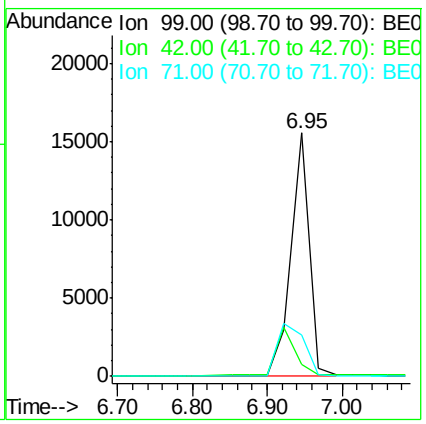


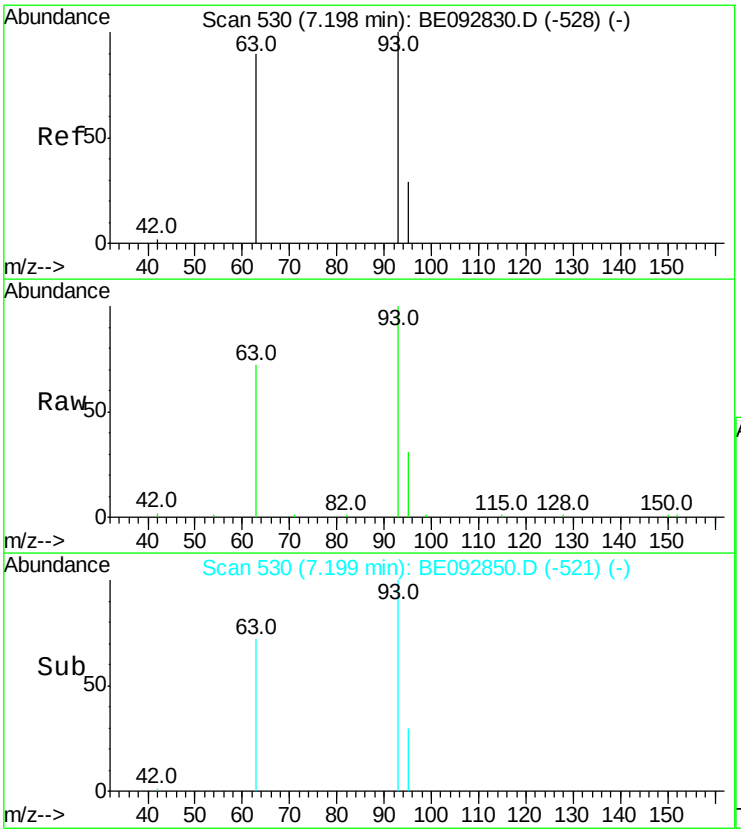
#5
Phenol-d6
Concen: 9.27 ng
RT: 6.95 min Scan# 519
Delta R.T. 0.00 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 28787

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

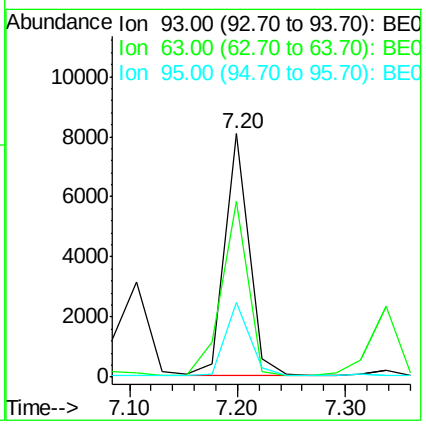


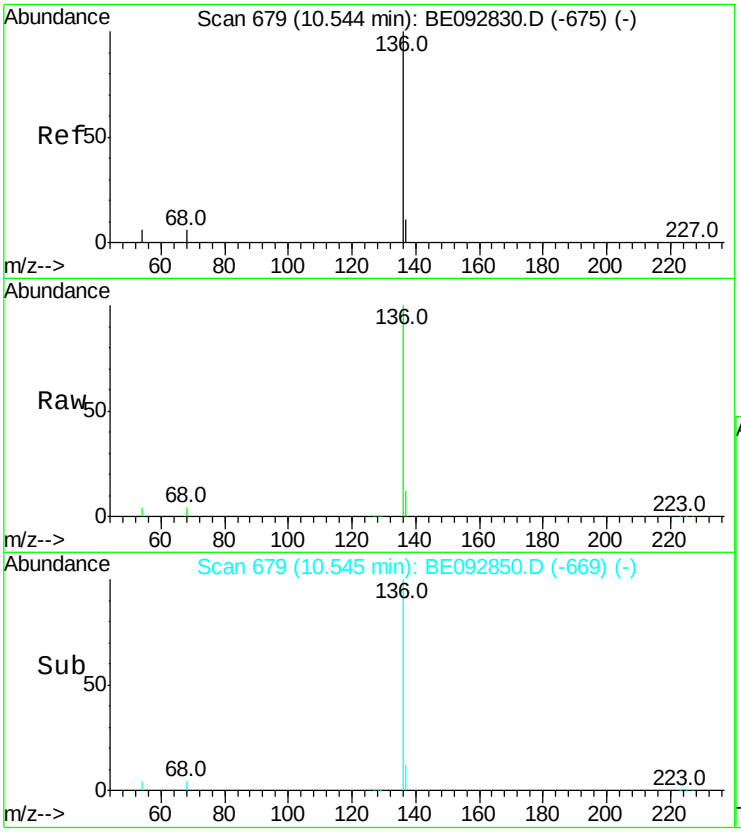


#6
bis(2-Chloroethyl)ether
Concen: 4.21 ng
RT: 7.20 min Scan# 530
Delta R.T. 0.00 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Tgt Ion: 93 Resp: 12431

Ion	Ratio	Lower	Upper
93	100		
63	78.2	16.0	24.0#
95	30.9	24.0	36.0



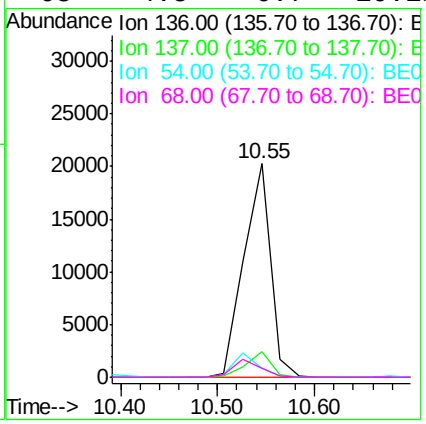


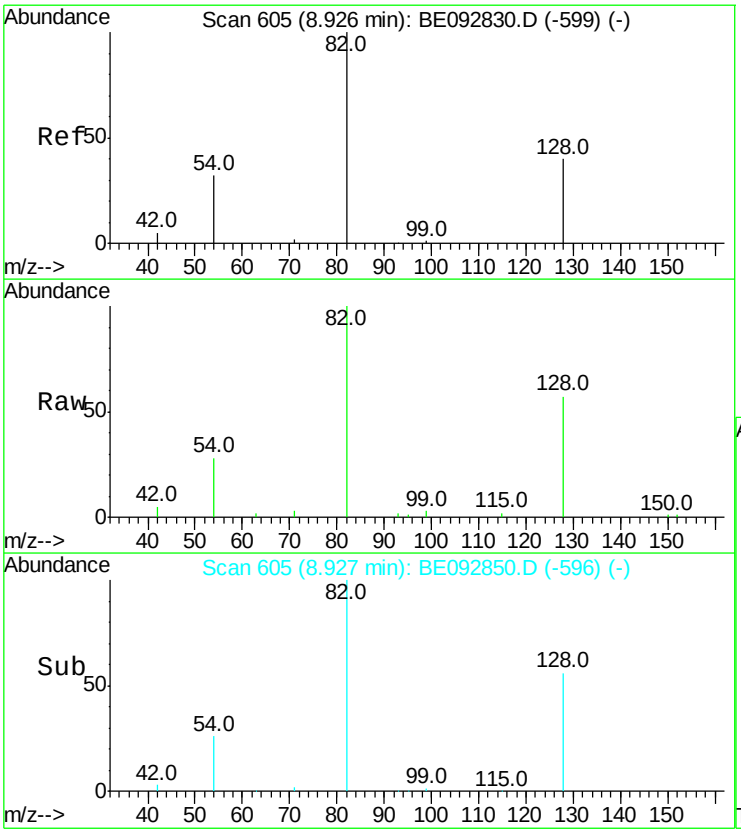
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.55 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 38044

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.2	12.4
54	4.5	9.6	14.4#
68	4.5	6.7	10.1#

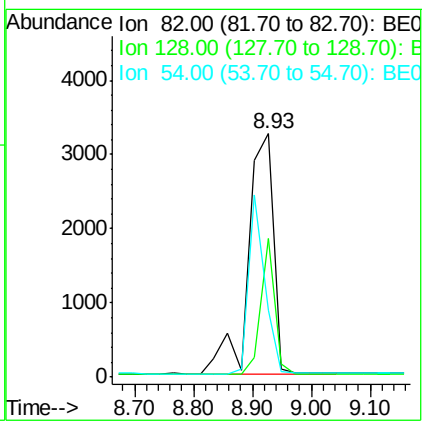


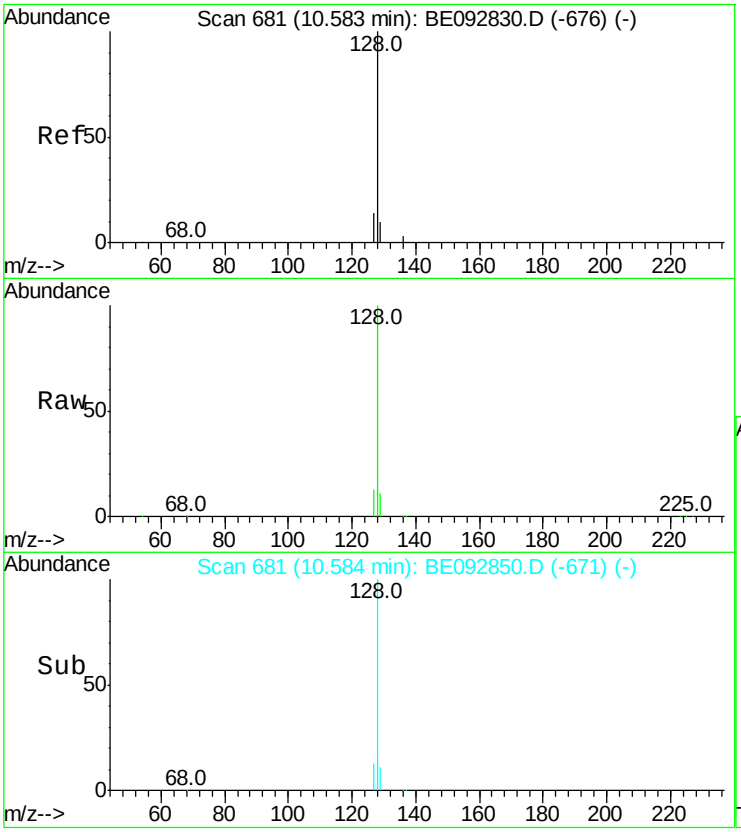


#8
Nitrobenzene-d5
Concen: 4.42 ng
RT: 8.93 min Scan# 605
Delta R.T. 0.00 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Tgt Ion: 82 Resp: 9644

Ion	Ratio	Lower	Upper
82	100		
128	56.9	39.0	58.4
54	27.5	44.8	67.2#



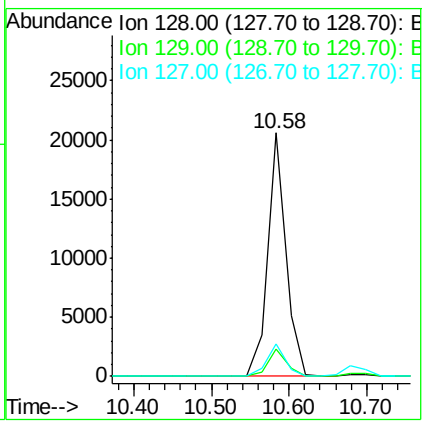


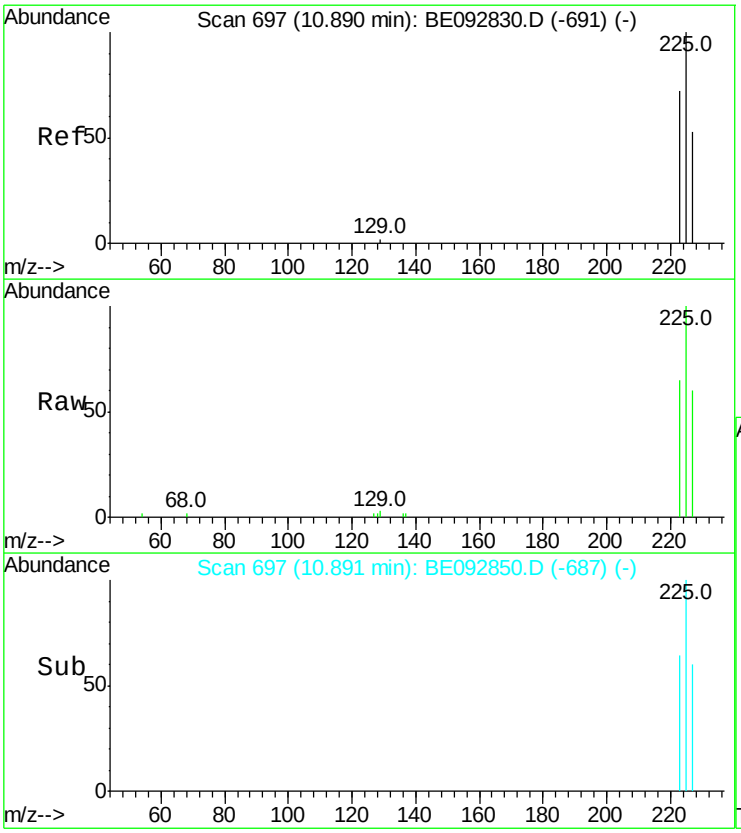
#9
Naphthalene
Concen: 4.05 ng
RT: 10.58 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 33769

Ion	Ratio	Lower	Upper
128	100		
129	11.1	11.2	16.8#
127	13.2	11.6	17.4

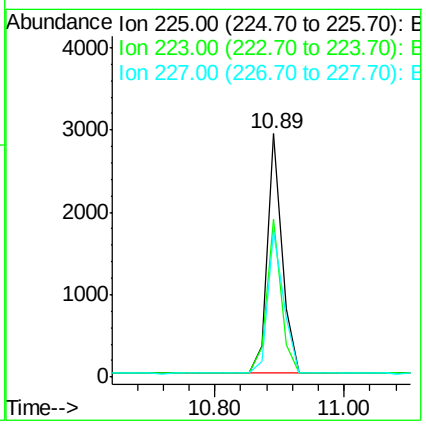


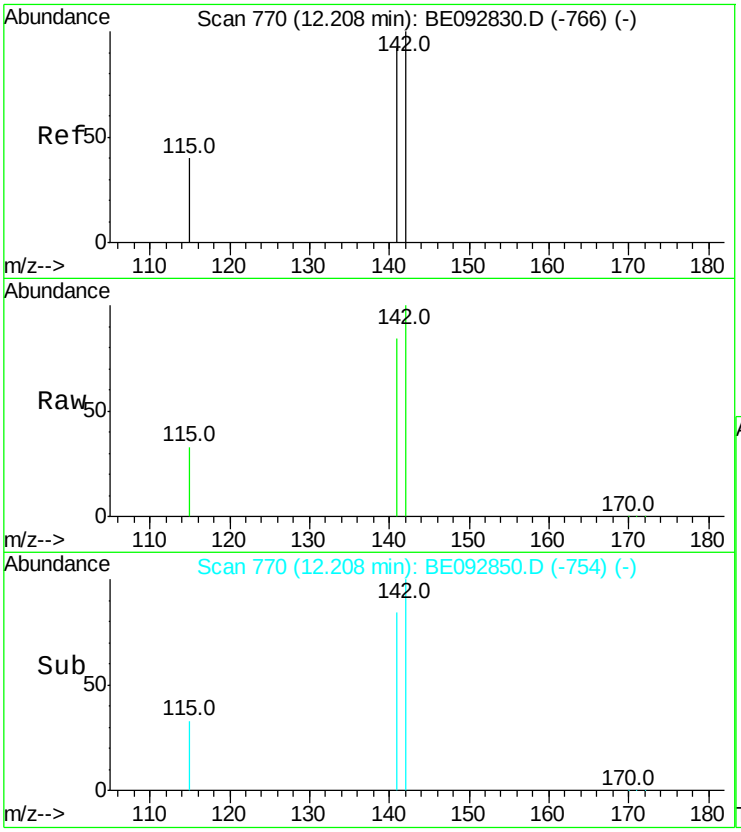


#10
Hexachlorobutadiene
Concen: 4.17 ng
RT: 10.89 min Scan# 697
Delta R.T. 0.00 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Tgt Ion:225 Resp: 4657

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	63.6	51.4	77.0



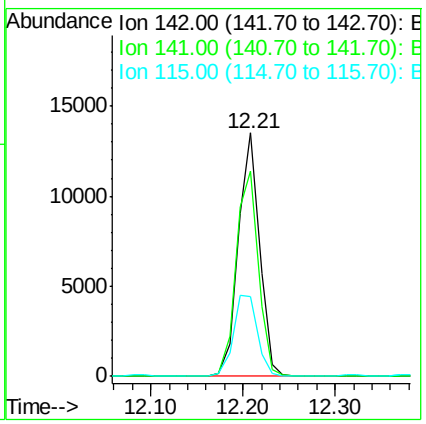


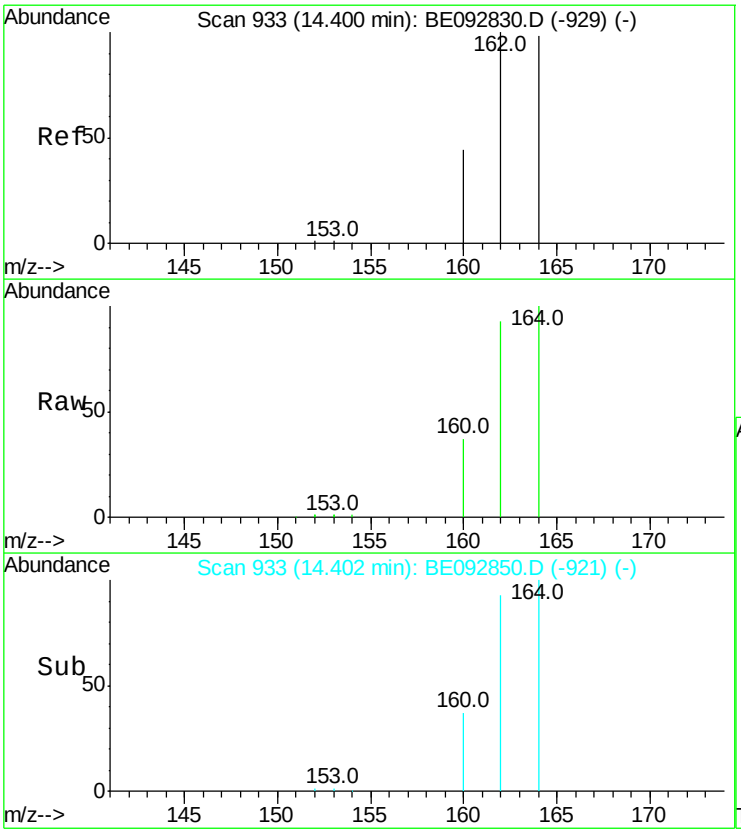
#11
2-Methylnaphthalene
Concen: 4.02 ng
RT: 12.21 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 21281

Ion	Ratio	Lower	Upper
142	100		
141	84.3	73.7	110.5
115	32.9	34.0	51.0#

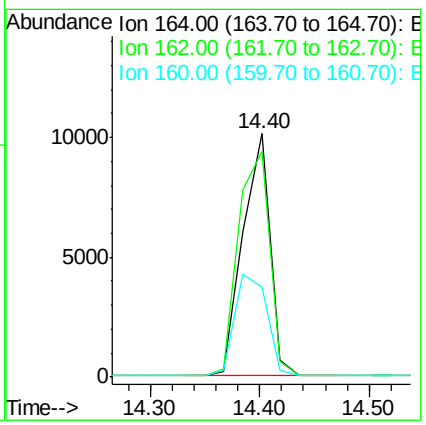


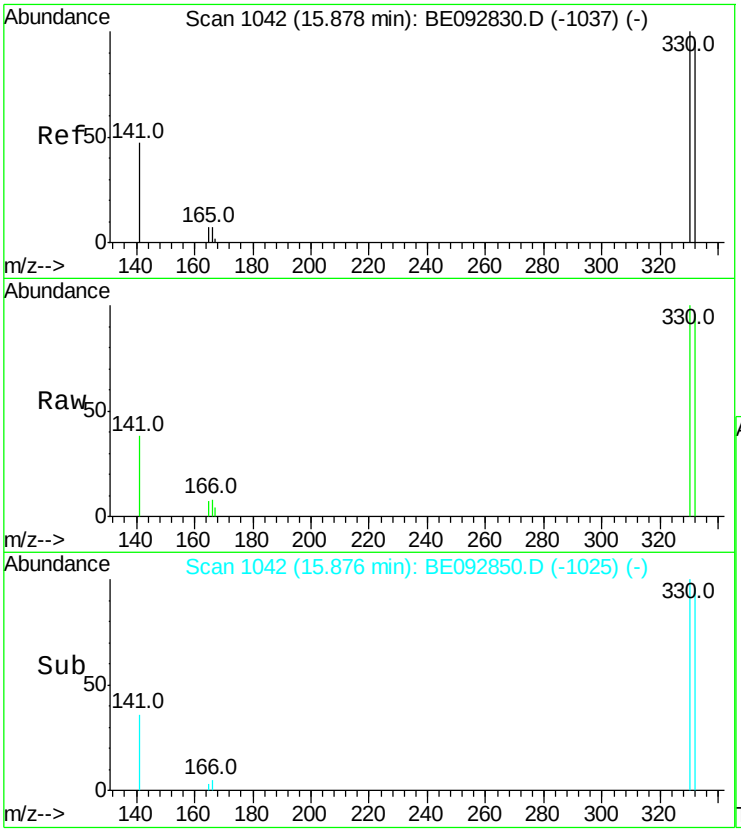


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.40 min Scan# 933
Delta R.T. 0.00 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Tgt Ion:164 Resp: 17343

Ion	Ratio	Lower	Upper
164	100		
162	92.8	71.4	107.0
160	37.1	27.4	41.2



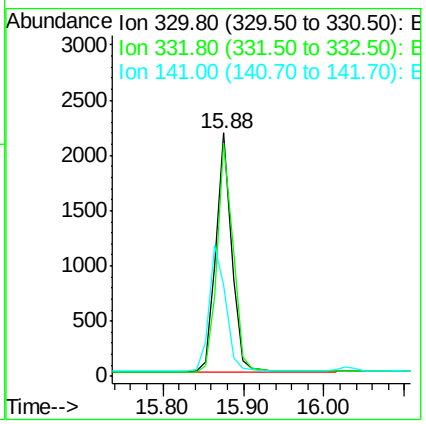


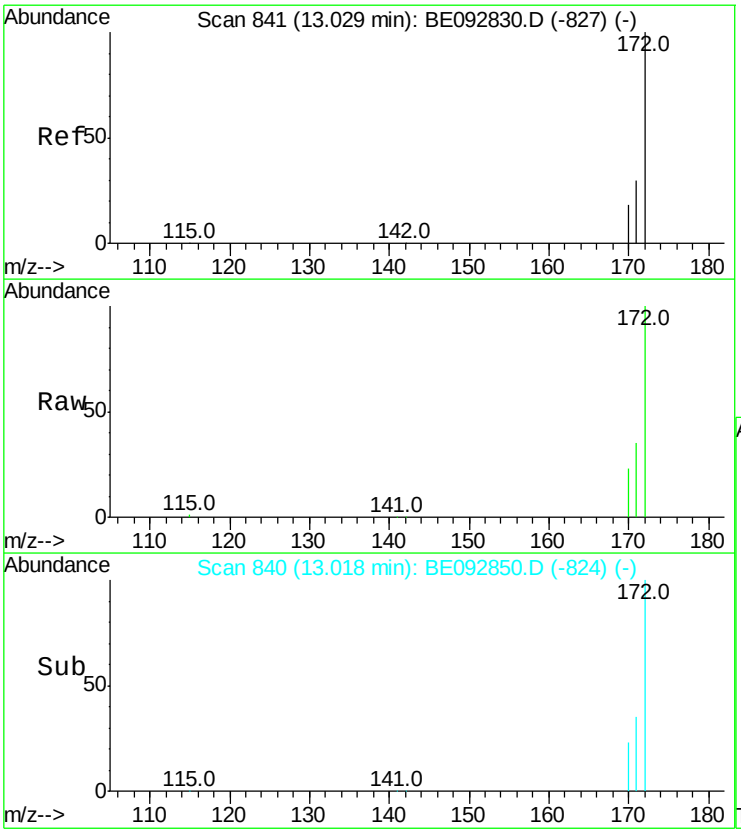
#13
2,4,6-Tribromophenol
Concen: 10.85 ng
RT: 15.88 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 2940

Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.4	113.0
141	56.6	31.0	46.6#

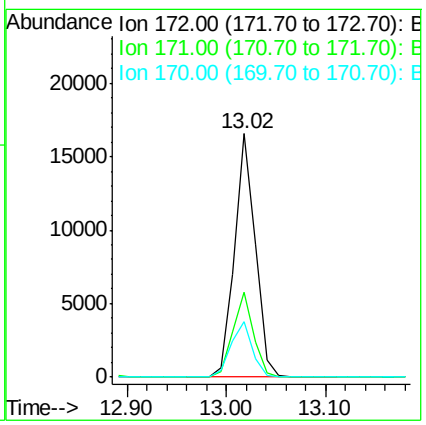


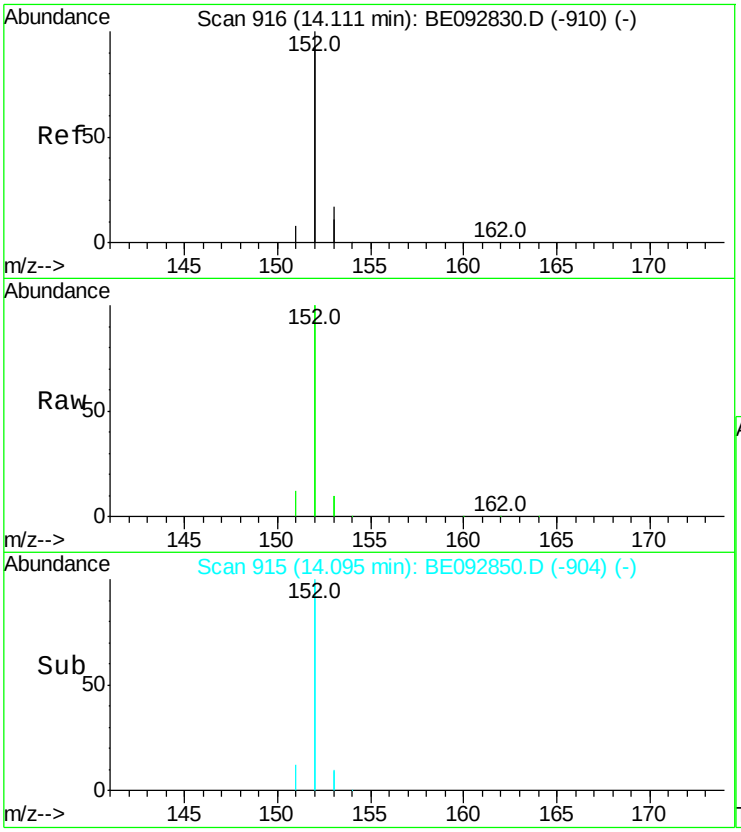


#14
2-Fluorobiphenyl
Concen: 4.16 ng
RT: 13.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Tgt Ion:172 Resp: 23773

Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.1	45.1
170	22.8	21.8	32.6



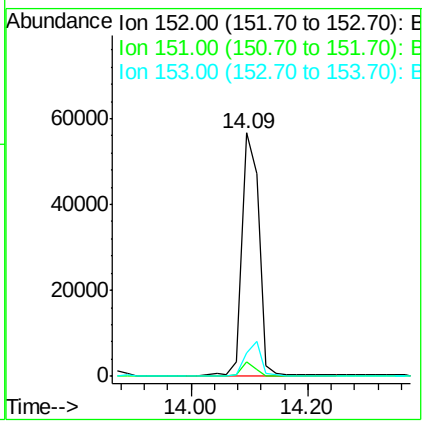


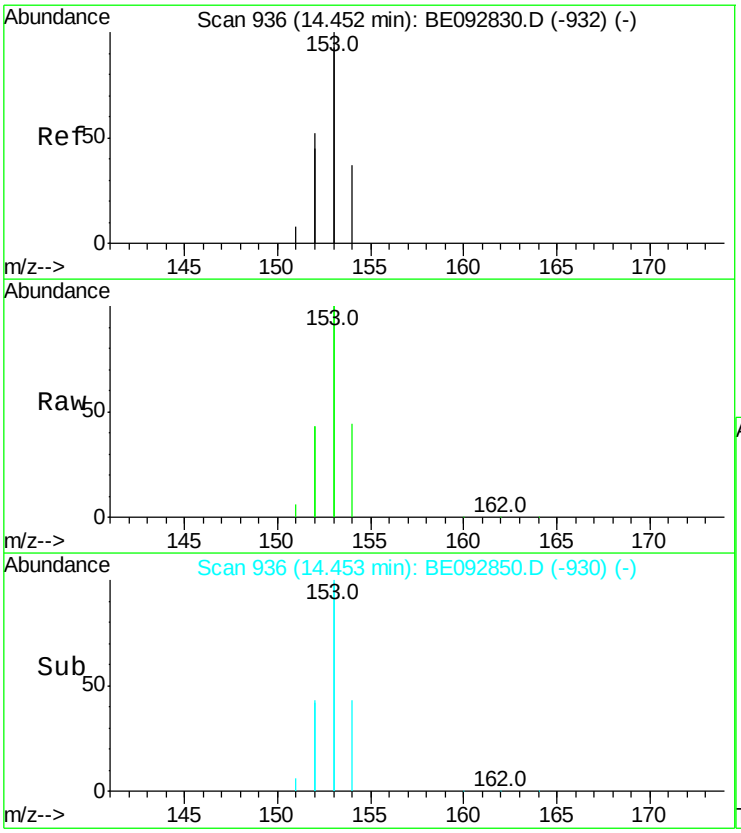
#15
Acenaphthylene
Concen: 4.27 ng
RT: 14.09 min Scan# 915
Delta R.T. -0.02 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 113575

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.9	5.9
153	13.0	10.4	15.6

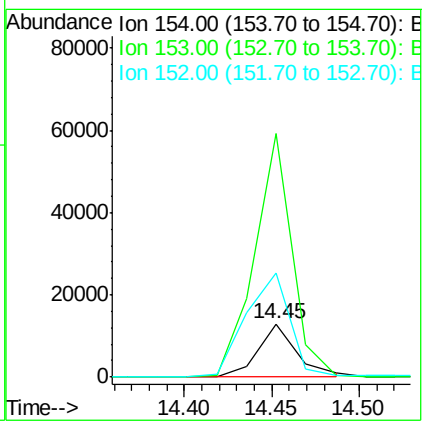


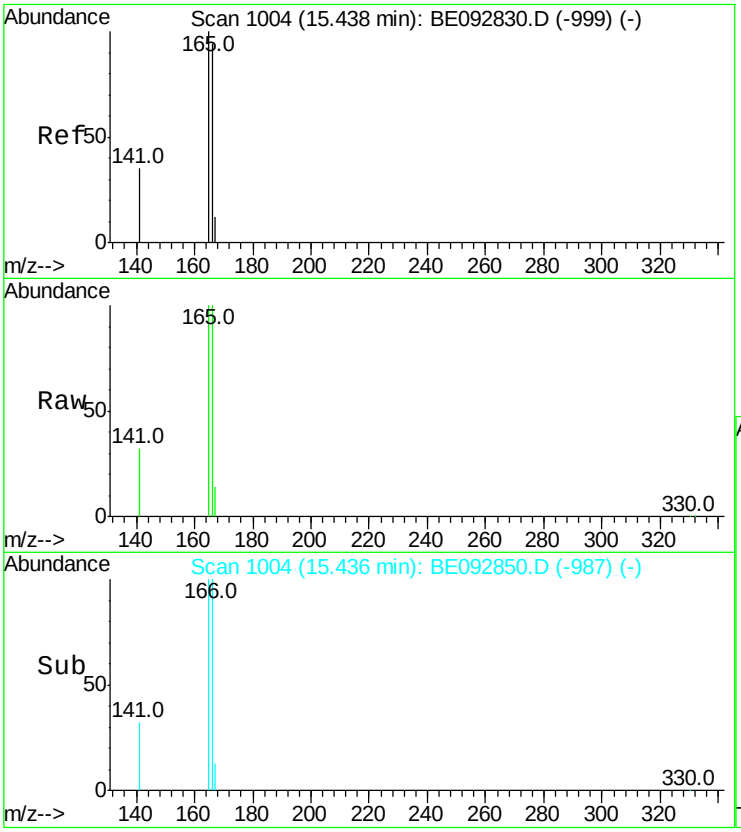


#16
Acenaphthene
Concen: 4.17 ng
RT: 14.45 min Scan# 936
Delta R.T. 0.00 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Tgt Ion:154 Resp: 19784

Ion	Ratio	Lower	Upper
154	100		
153	444.1	350.8	526.2
152	219.8	171.1	256.7



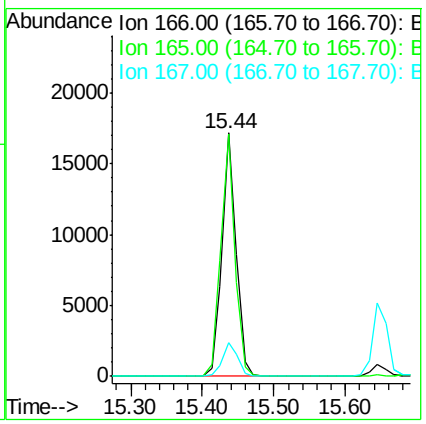


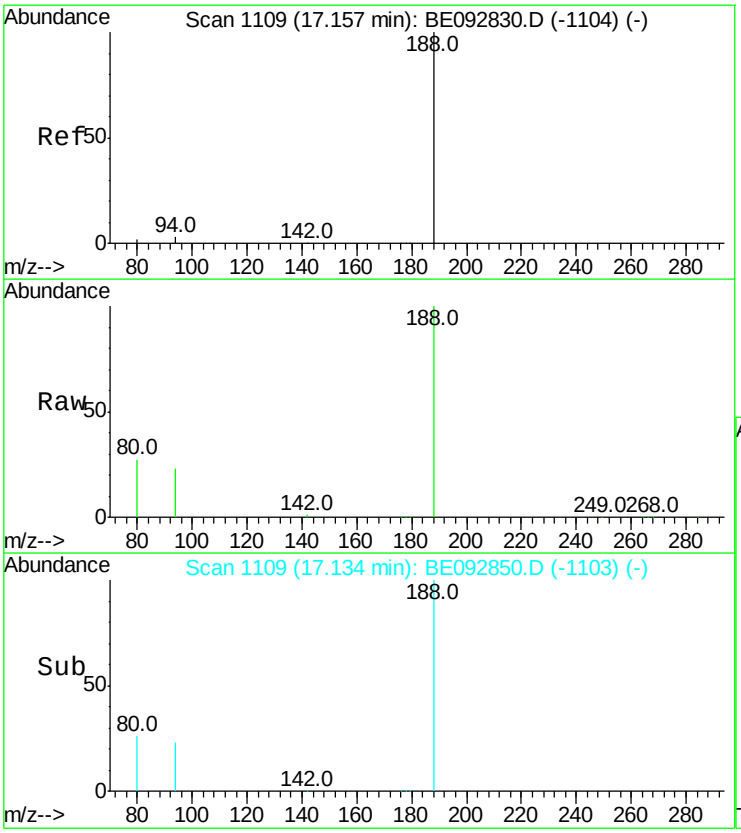
#17
Fluorene
Concen: 4.13 ng
RT: 15.44 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 23328

Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.2	117.4
167	14.1	11.0	16.4

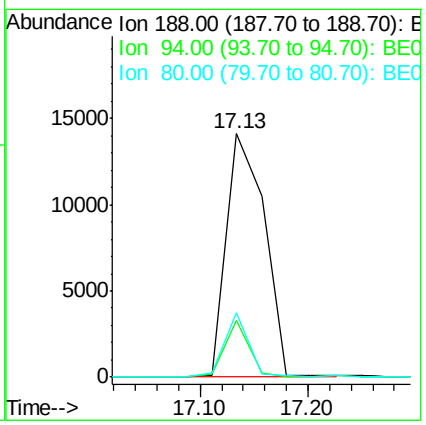


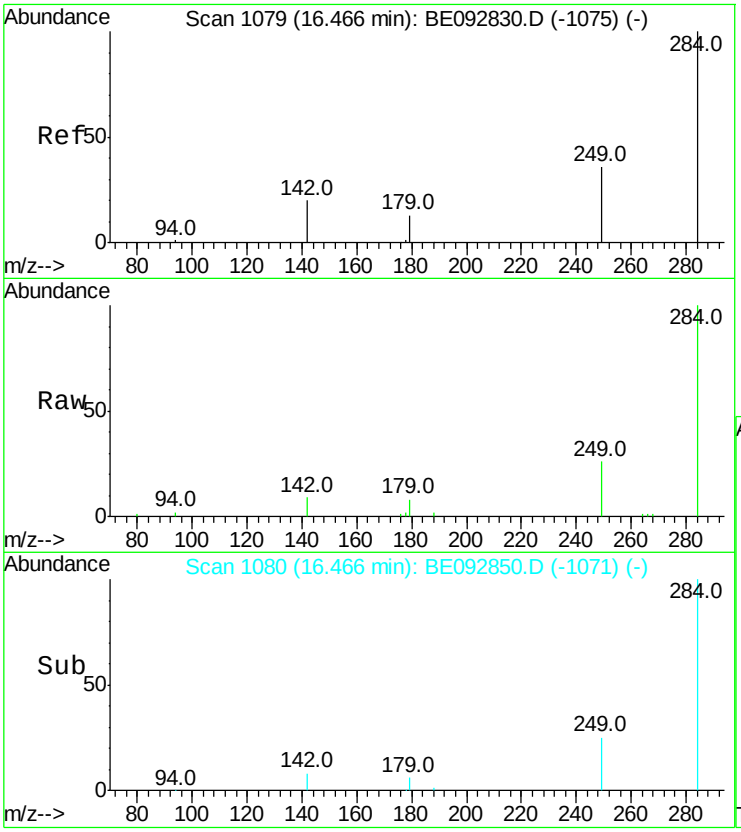


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.13 min Scan# 1109
Delta R.T. -0.02 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Tgt Ion:188 Resp: 34182

Ion	Ratio	Lower	Upper
188	100		
94	23.4	3.2	4.8#
80	26.6	2.6	3.8#



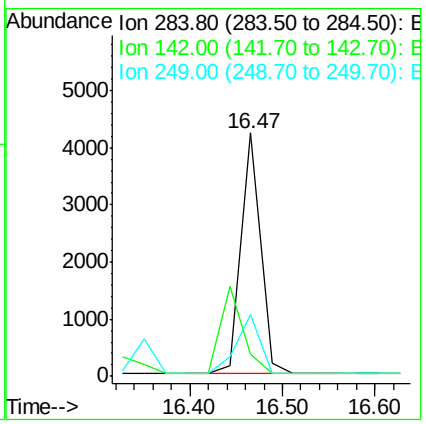


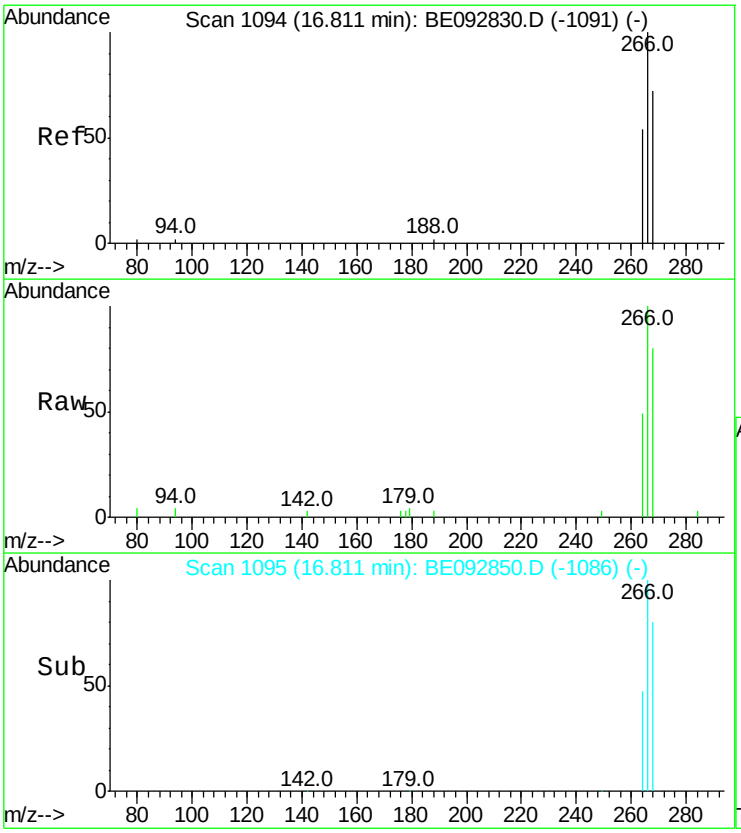
#19
Hexachlorobenzene
Concen: 4.96 ng
RT: 16.47 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 6282

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	29.8	27.9	41.9

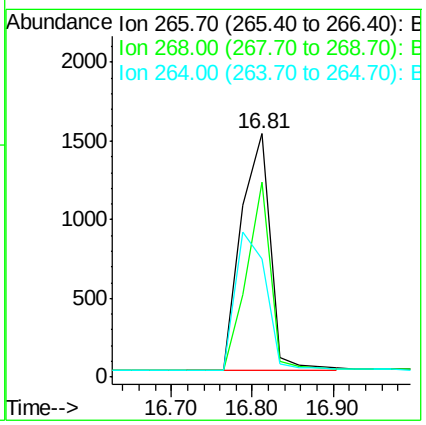


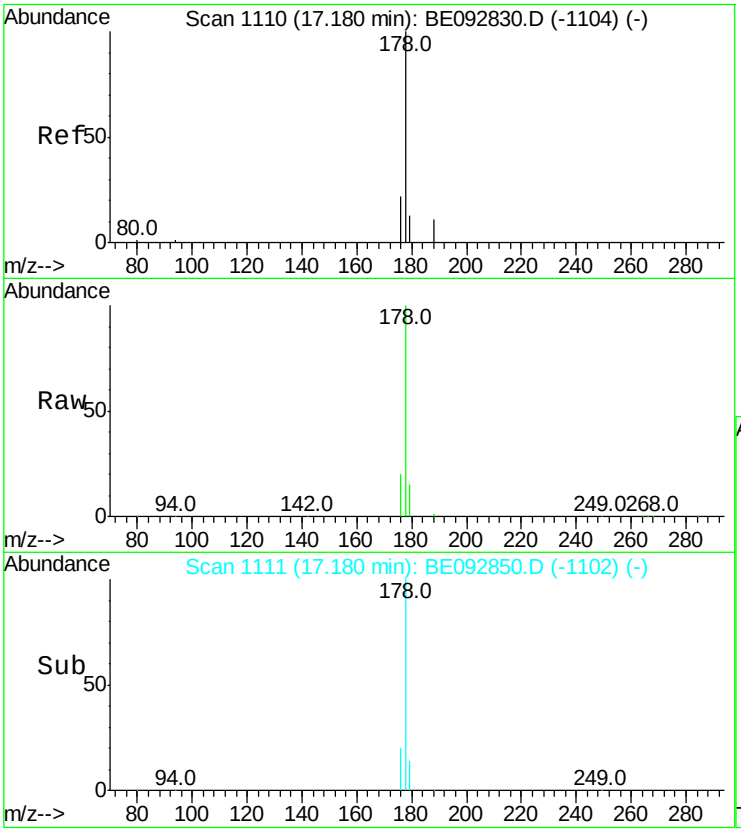


#20
Pentachlorophenol
Concen: 8.87 ng
RT: 16.81 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Tgt Ion:266 Resp: 3725

Ion	Ratio	Lower	Upper
266	100		
268	80.2	62.5	93.7
264	48.6	57.2	85.8#



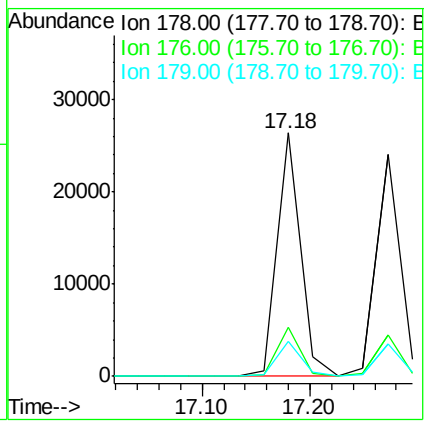


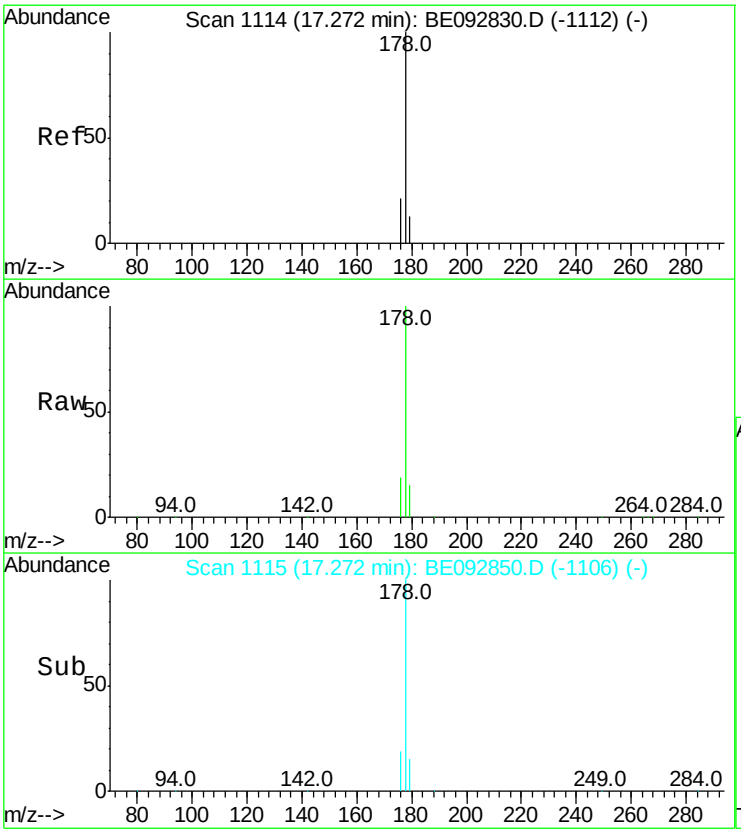
#21
Phenanthrene
Concen: 4.82 ng
RT: 17.18 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 40098

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	14.9	16.0	24.0#

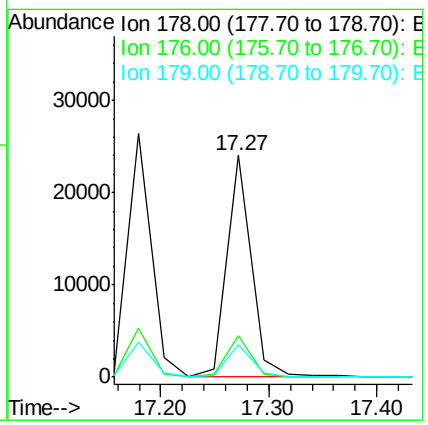


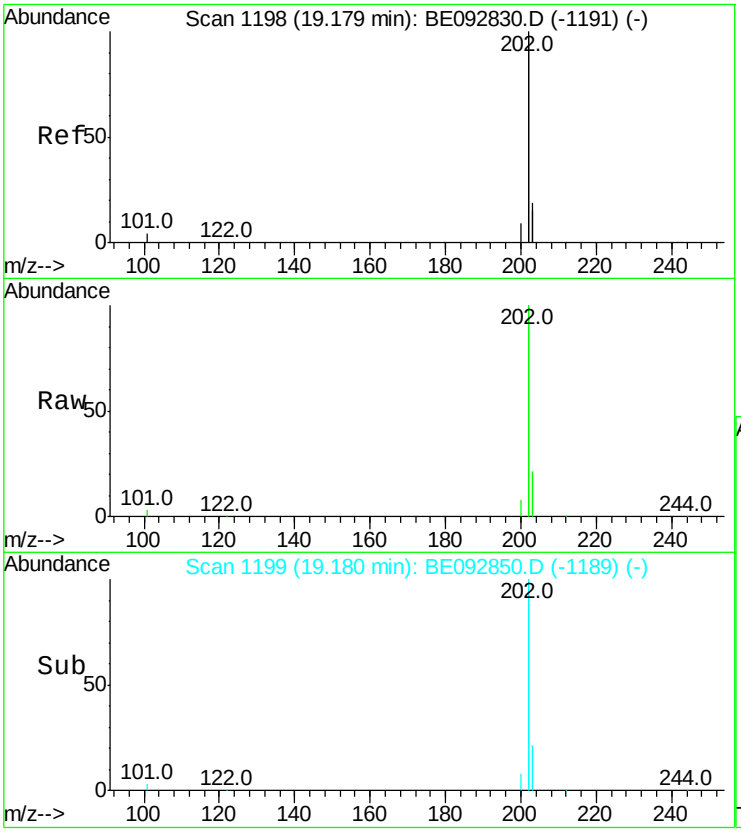


#22
Anthracene
Concen: 4.91 ng
RT: 17.27 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Tgt Ion:178 Resp: 37111

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.1	12.2	18.2



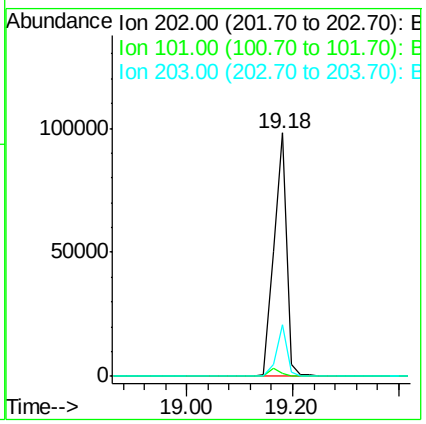


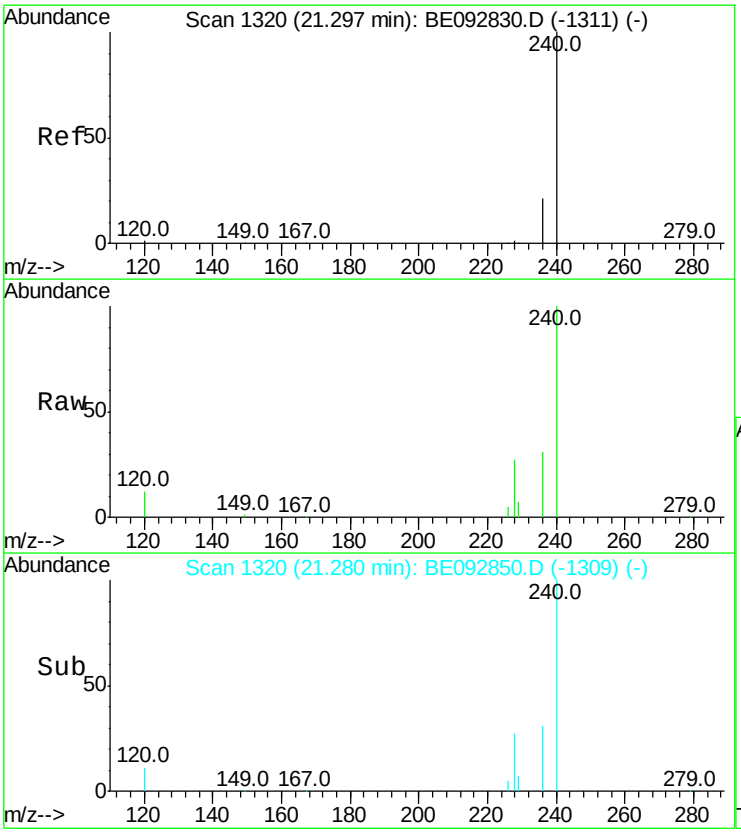
#23
Fluoranthene
Concen: 4.64 ng
RT: 19.18 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 177689

Ion	Ratio	Lower	Upper
202	100		
101	3.6	2.2	3.4#
203	19.2	13.7	20.5

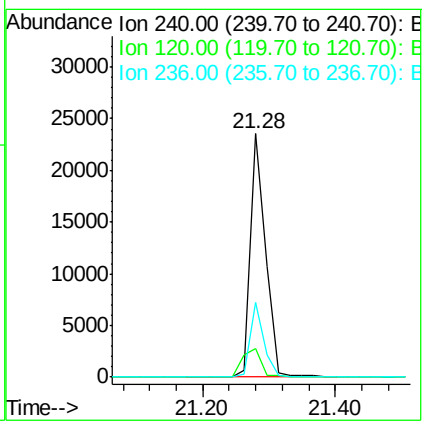


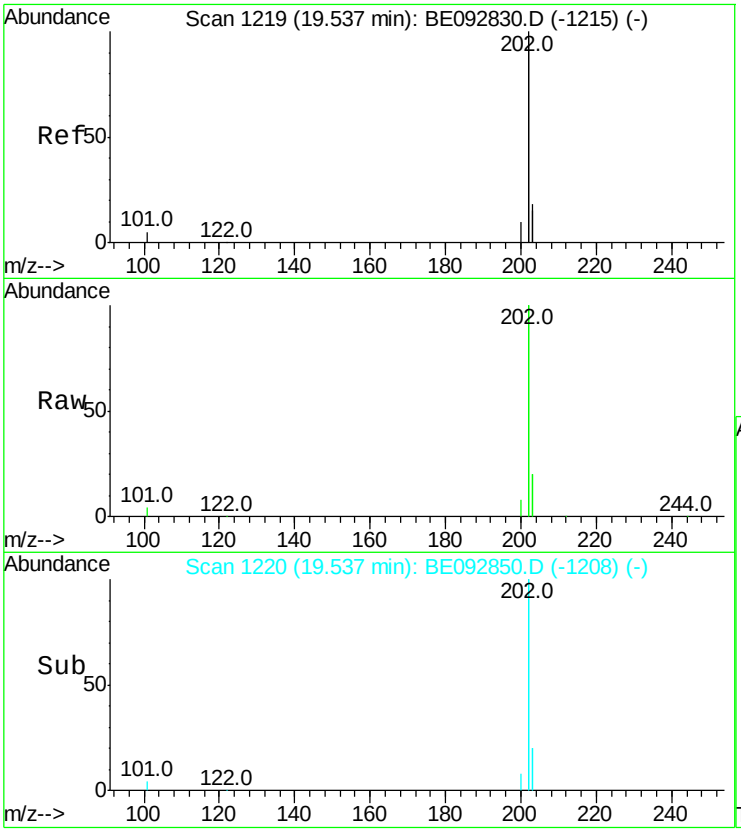


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Tgt Ion:240 Resp: 36975

Ion	Ratio	Lower	Upper
240	100		
120	11.6	2.6	4.0#
236	30.8	24.6	37.0



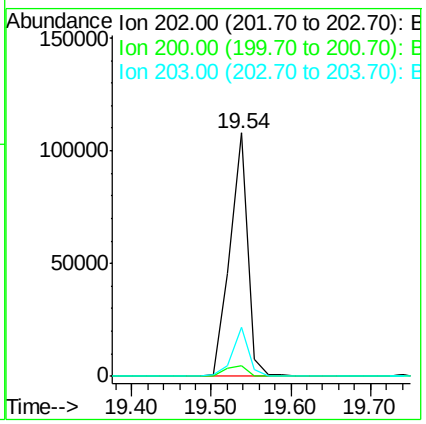


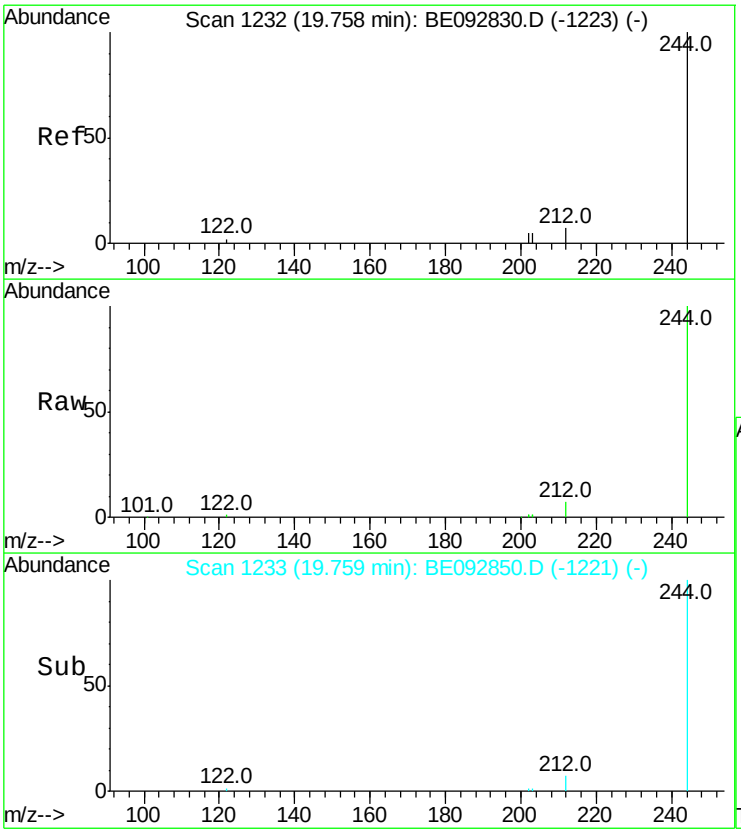
#25
Pyrene
Concen: 4.52 ng
RT: 19.54 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 166148

Ion	Ratio	Lower	Upper
202	100		
200	5.1	4.2	6.4
203	18.0	13.9	20.9

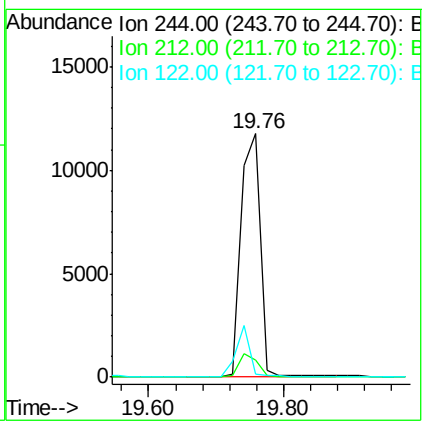


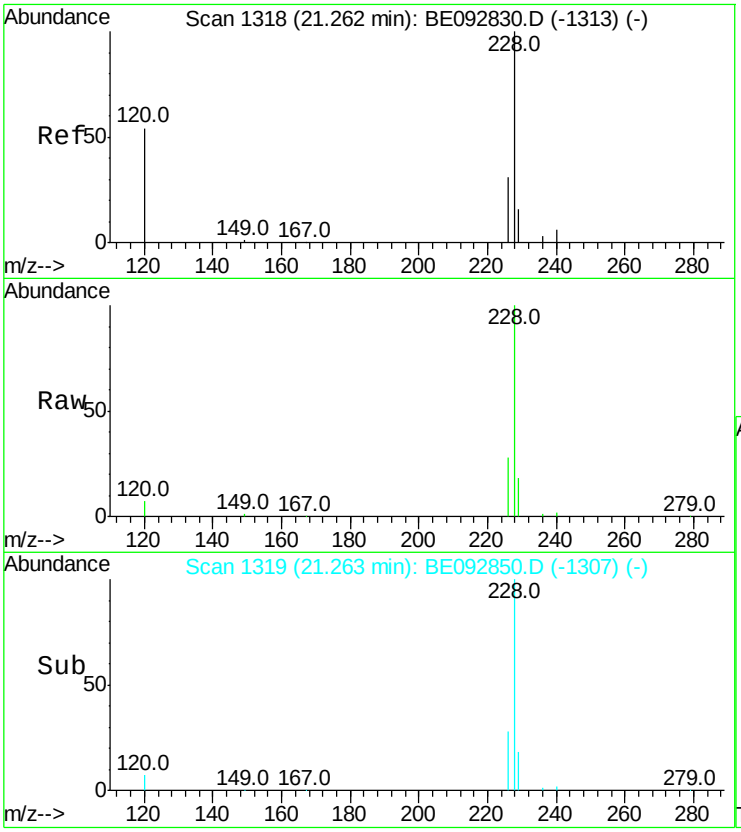


#26
Terphenyl-d14
Concen: 3.59 ng
RT: 19.76 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Tgt Ion:244 Resp: 22944

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.7	10.1
122	1.2	3.6	5.4#



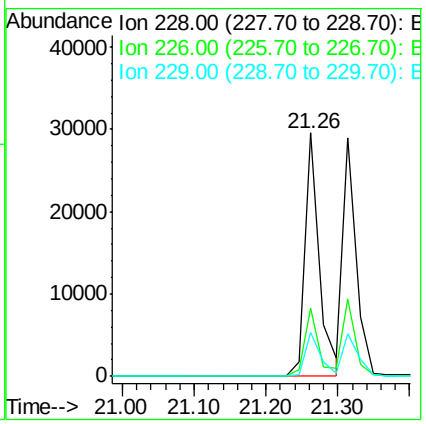


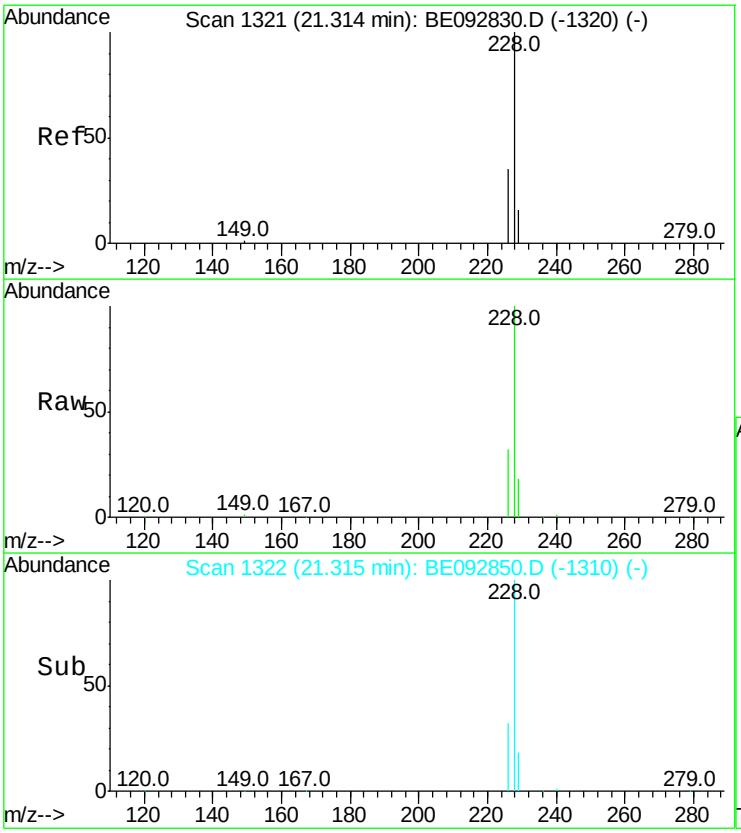
#27
Benzo(a)anthracene
Concen: 4.72 ng
RT: 21.26 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 41334

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.6	35.4
229	18.1	13.3	19.9

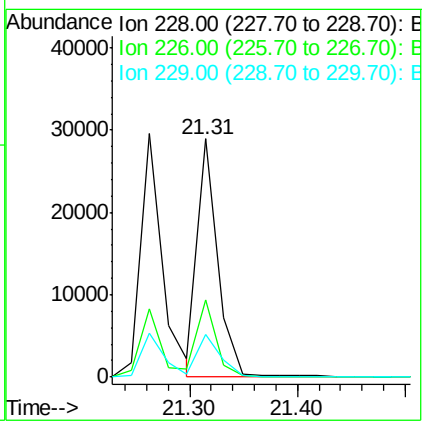


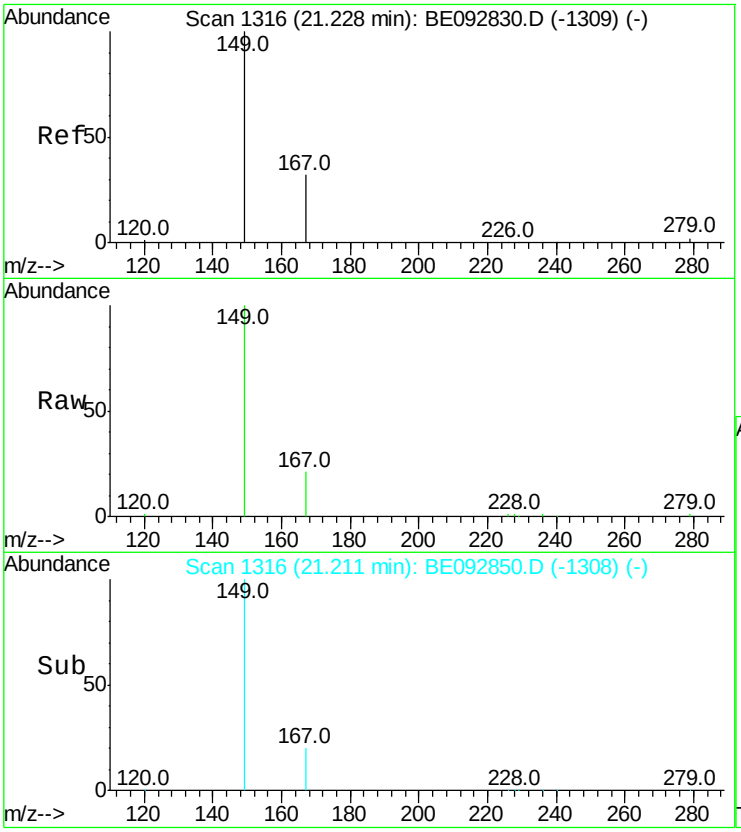


#28
Chrysene
Concen: 4.11 ng
RT: 21.31 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Tgt Ion:228 Resp: 37990

Ion	Ratio	Lower	Upper
228	100		
226	32.3	36.3	54.5#
229	17.8	10.6	16.0#



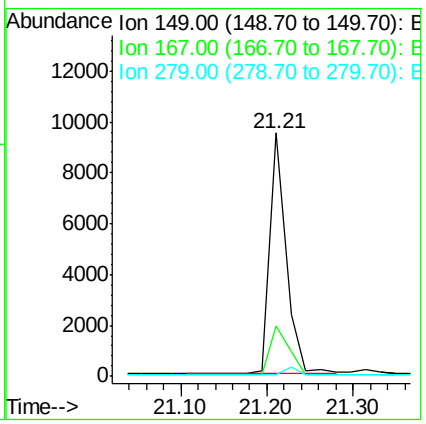


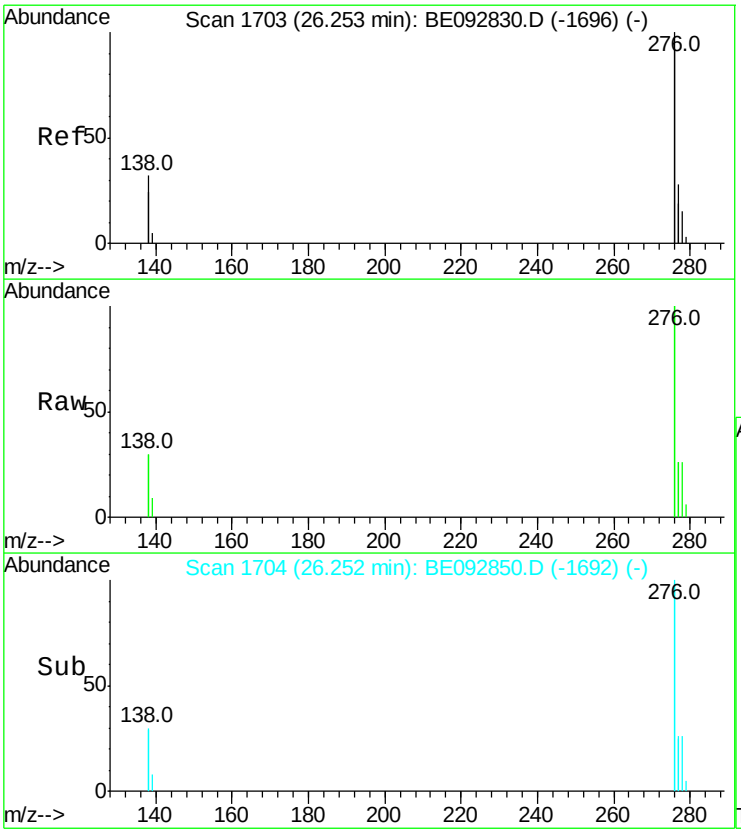
#29
Bis(2-ethylhexyl)phthalate
Concen: 4.06 ng
RT: 21.21 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 12596

Ion	Ratio	Lower	Upper
149	100		
167	24.0	16.0	24.0#
279	2.9	16.0	24.0#

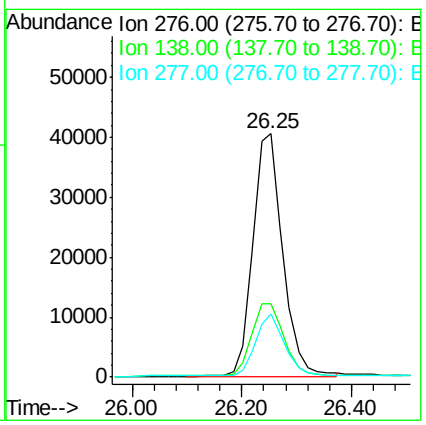


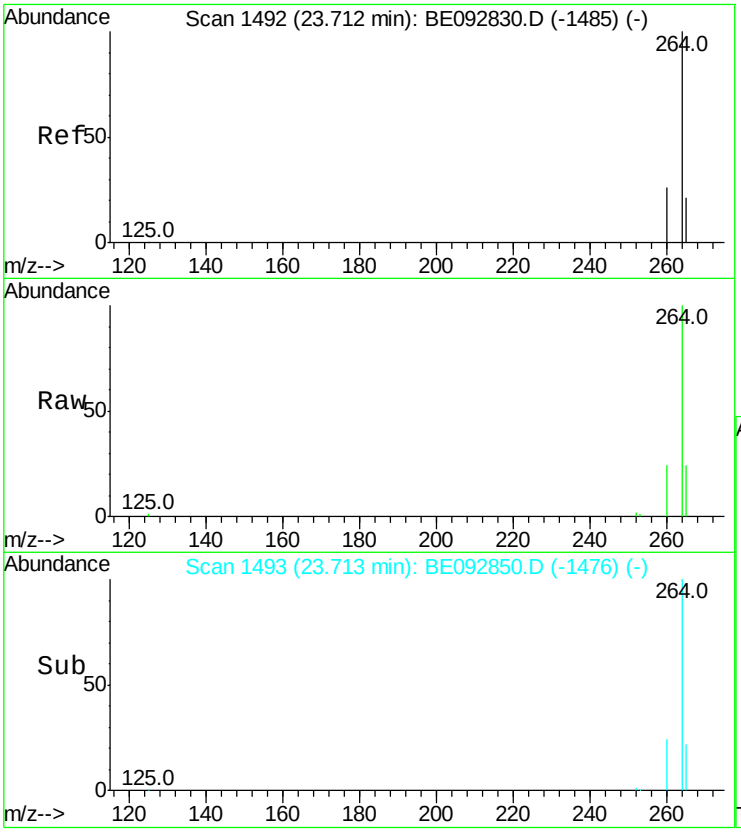


#30
Indeno(1,2,3-cd)pyrene
Concen: 4.38 ng
RT: 26.25 min Scan# 1704
Delta R.T. -0.00 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Tgt Ion:276 Resp: 152399

Ion	Ratio	Lower	Upper
276	100		
138	32.4	20.3	30.5#
277	24.9	19.7	29.5



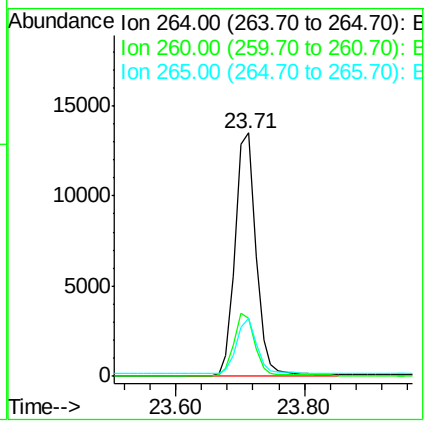


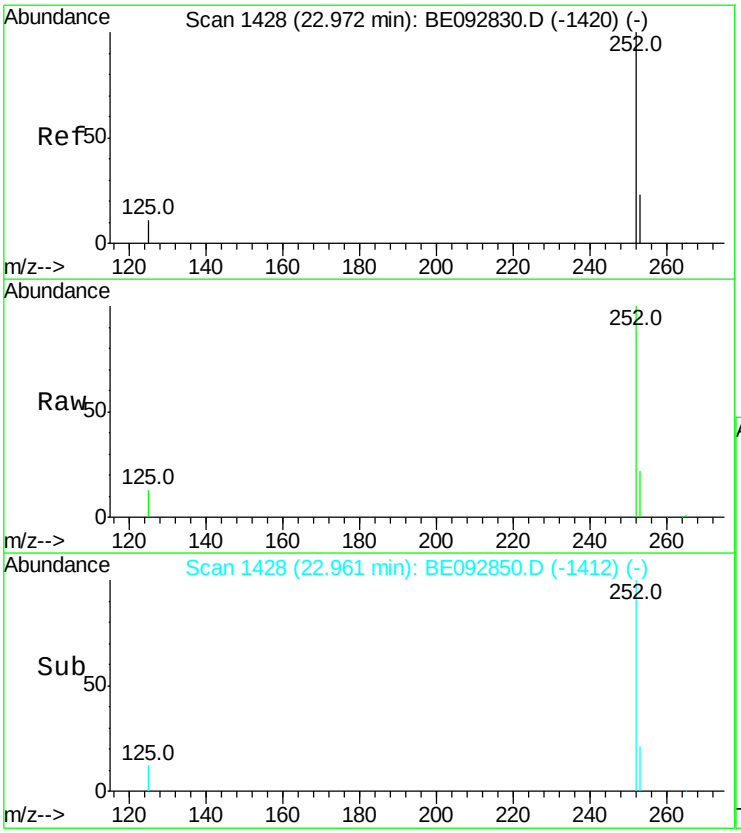
#31
Perylene-d12
Concen: 5.00 ng
RT: 23.71 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 29983

Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.1	30.1
265	23.7	17.9	26.9

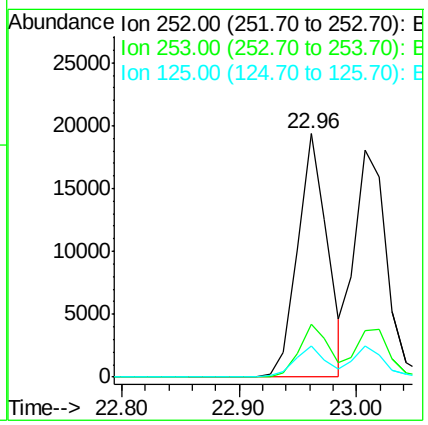


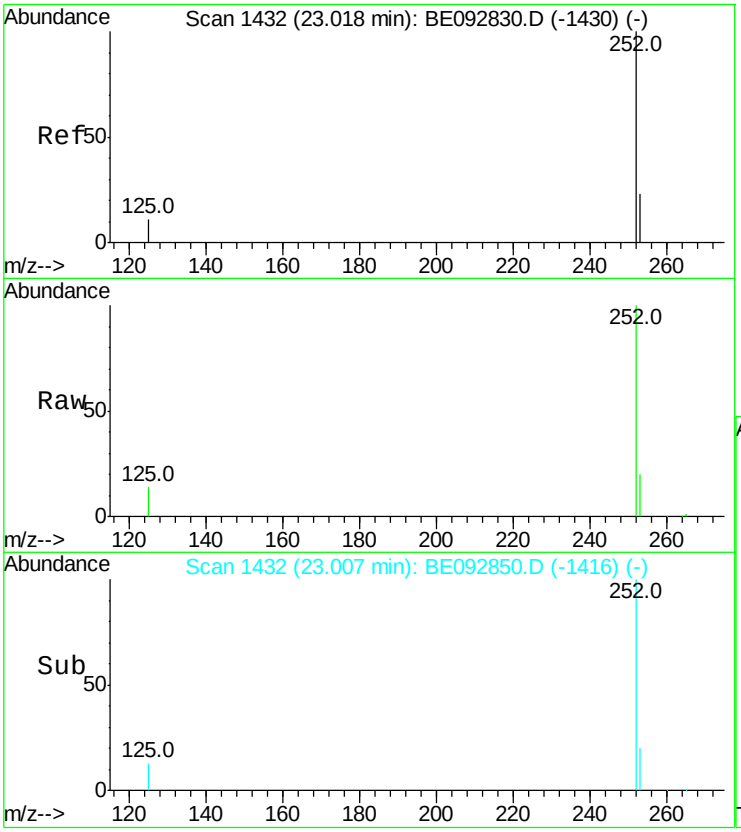


#32
Benzo(b)fluoranthene
Concen: 4.21 ng
RT: 22.96 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Tgt Ion:252 Resp: 33590

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.7	28.1
125	12.8	10.5	15.7



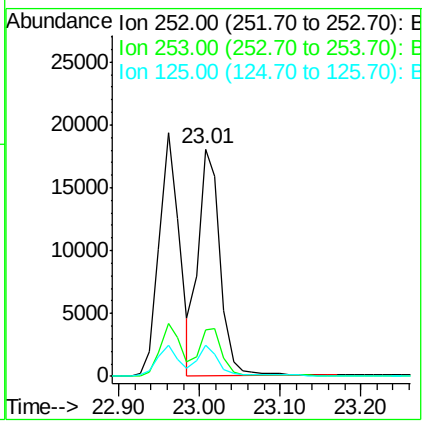


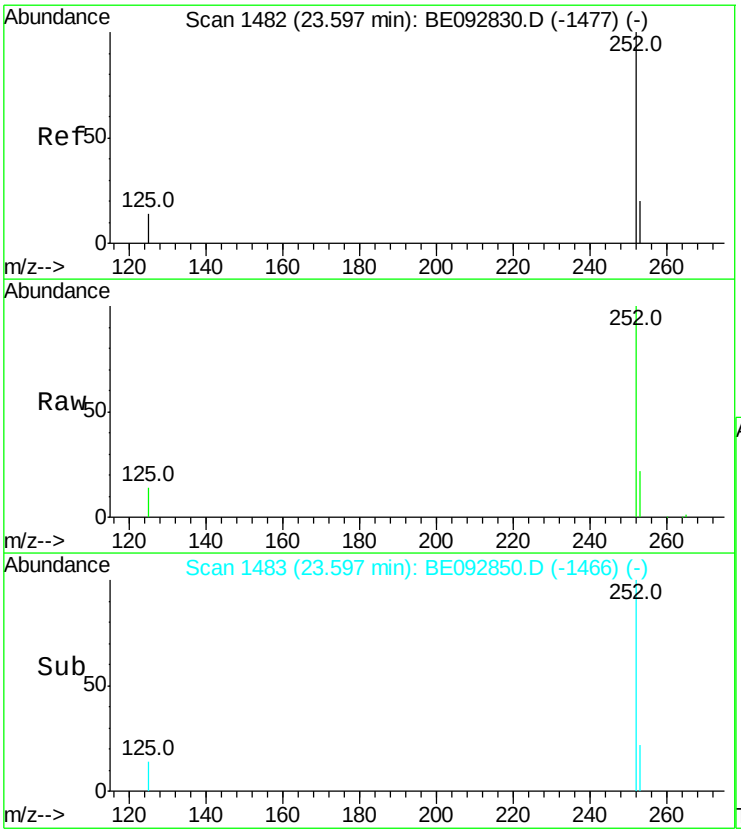
#33
Benzo(k)fluoranthene
Concen: 4.78 ng
RT: 23.01 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 34128

Ion	Ratio	Lower	Upper
252	100		
253	20.4	20.3	30.5
125	13.5	9.6	14.4

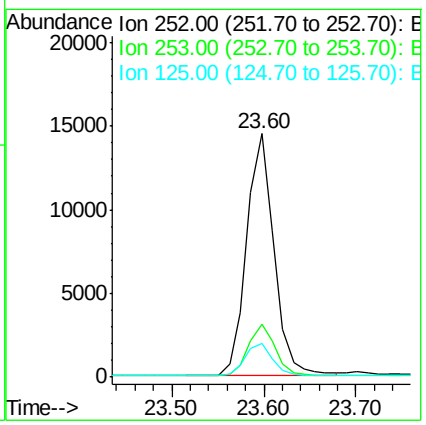


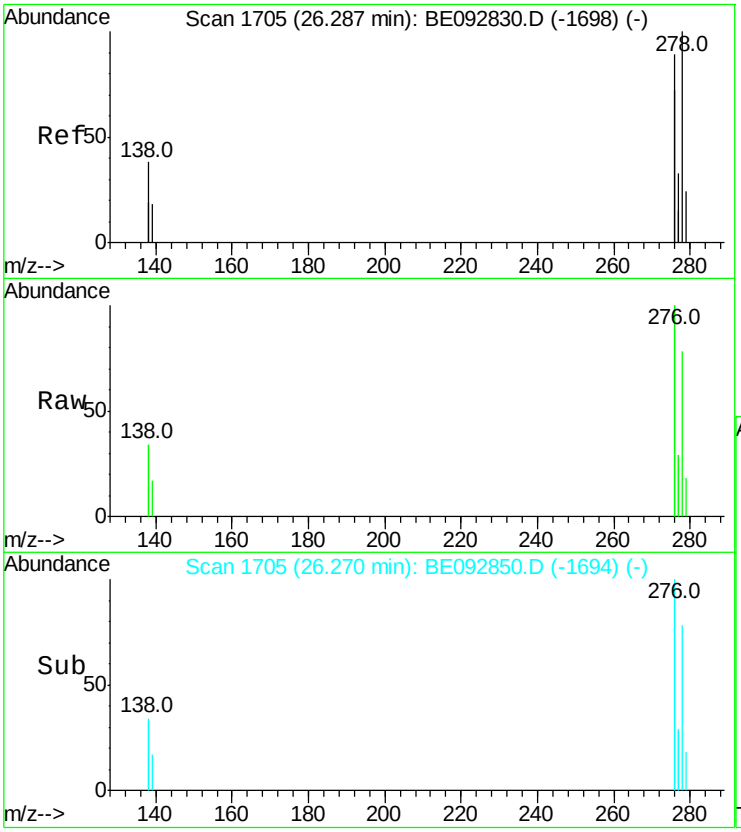


#34
Benzo(a)pyrene
Concen: 4.56 ng
RT: 23.60 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Tgt Ion:252 Resp: 30070

Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.0	28.6
125	14.0	11.8	17.8



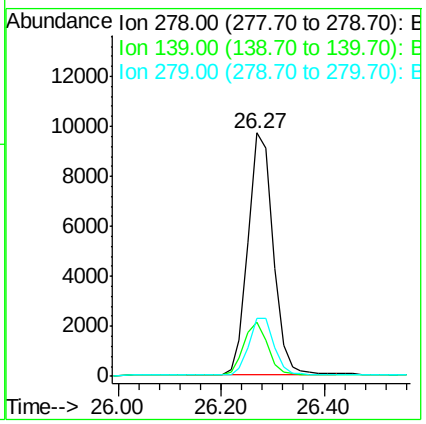


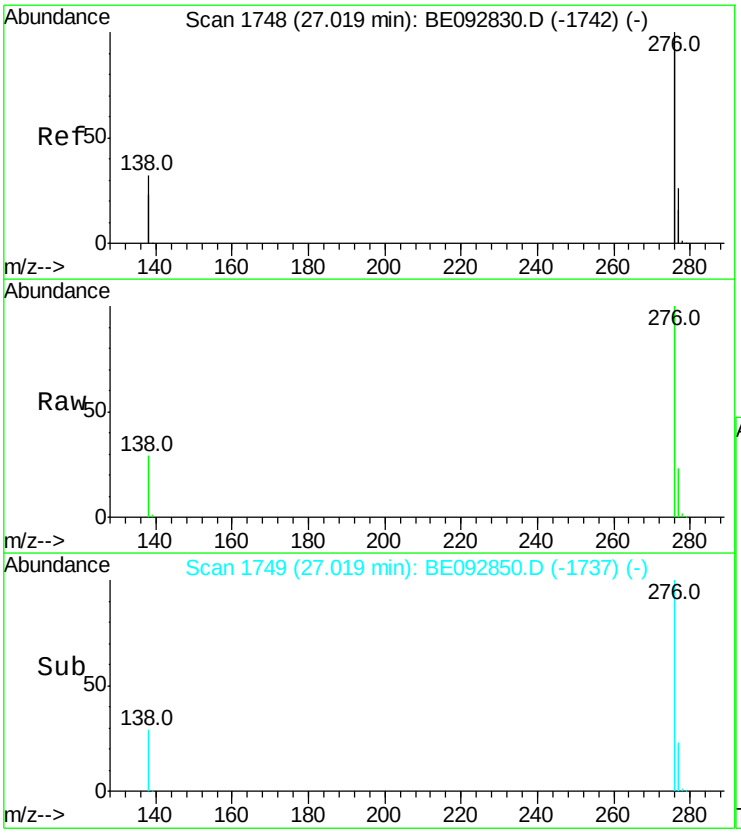
#35
Dibenzo(a,h)anthracene
Concen: 4.67 ng
RT: 26.27 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 32761

Ion	Ratio	Lower	Upper
278	100		
139	22.3	13.8	20.8#
279	23.6	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 4.58 ng
RT: 27.02 min Scan# 1749
Delta R.T. -0.00 min
Lab File: BE092850.D
Acq: 28 Mar 2017 23:58

Tgt Ion:276 Resp: 133337

Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.8	29.8
138	29.0	19.8	29.6