Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030617\
Data File : BE092795.D
Acq On : 6 Mar 2017 20:10
Operator : SJ/MA
Sample : PB97375BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB97375BS

Quant Time: Mar 07 02:18:39 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	9977	5.00	ng		-0.02
7) Naphthalene-d8	10.88	136	40748	5.00	ng		-0.02
12) Acenaphthene-d10	14.75	164	20841	5.00	ng		-0.02
18) Phenanthrene-d10	17.51	188	45815	5.00	ng		0.00
24) Chrysene-d12	21.68	240	62564	5.00	ng		-0.02
31) Perylene-d12	24.01	264	46129	5.00	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.60	112	17833	8.45	ng		-0.03
5) Phenol-d6	7.27	99	22522	8.96	ng		-0.05
8) Nitrobenzene-d5	9.27	82	10494	4.21	ng		-0.05
13) 2,4,6-Tribromophenol	16.24	330	5535	10.09	ng		-0.04
14) 2-Fluorobiphenyl	13.36	172	23867	4.86	ng		-0.04
26) Terphenyl-d14	20.12	244	29539	3.91	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	4412	3.71	ng	#	79
3) n-Nitrosodimethylamine	3.68	42	6244	3.73	ng		94
6) bis(2-Chloroethyl)ether	7.52	93	9820	3.58	ng	#	27
9) Naphthalene	10.91	128	32869	3.77	ng	#	95
10) Hexachlorobutadiene	11.20	225	4839	3.85	ng		99
11) 2-Methylnaphthalene	12.55	142	20781	3.69	ng	#	88
15) Acenaphthylene	14.46	152	132621	4.14	ng		100
16) Acenaphthene	14.82	154	19771	4.41	ng		91
17) Fluorene	15.80	166	26294	4.31	ng		99
19) Hexachlorobenzene	16.82	284	7672	4.09	ng	#	66
20) Pentachlorophenol	17.16	266	5436	8.01	ng	#	81
21) Phenanthrene	17.53	178	42878	3.90	ng	#	94
22) Anthracene	17.62	178	42145	3.80	ng		99
23) Fluoranthene	19.54	202	194802	3.64	ng		98
25) Pyrene	19.90	202	199423	3.52	ng		99
27) Benzo(a)anthracene	21.66	228	424159	6.50	ng		97
28) Chrysene	21.66	228	425506	7.42	ng	#	77
29) Bis(2-ethylhexyl)phthalate	21.59	149	14638	2.74	ng	#	72
30) Indeno(1,2,3-cd)pyrene	26.45	276	259084	4.17	ng		96
32) Benzo(b)fluoranthene	23.29	252	55798	4.54	ng	#	97
33) Benzo(k)fluoranthene	23.34	252	52183	4.22	ng		95
34) Benzo(a)pyrene	23.90	252	49969	4.47	ng	#	95
35) Dibenzo(a,h)anthracene	26.46	278	55093	5.16	ng		94
36) Benzo(g,h,i)perylene	27.20	276	220448	4.83	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030617\
Data File : BE092795.D
Acq On : 6 Mar 2017 20:10
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Sample : PB97375BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
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PB97375BS

Quant Time: Mar 07 02:18:39 2017
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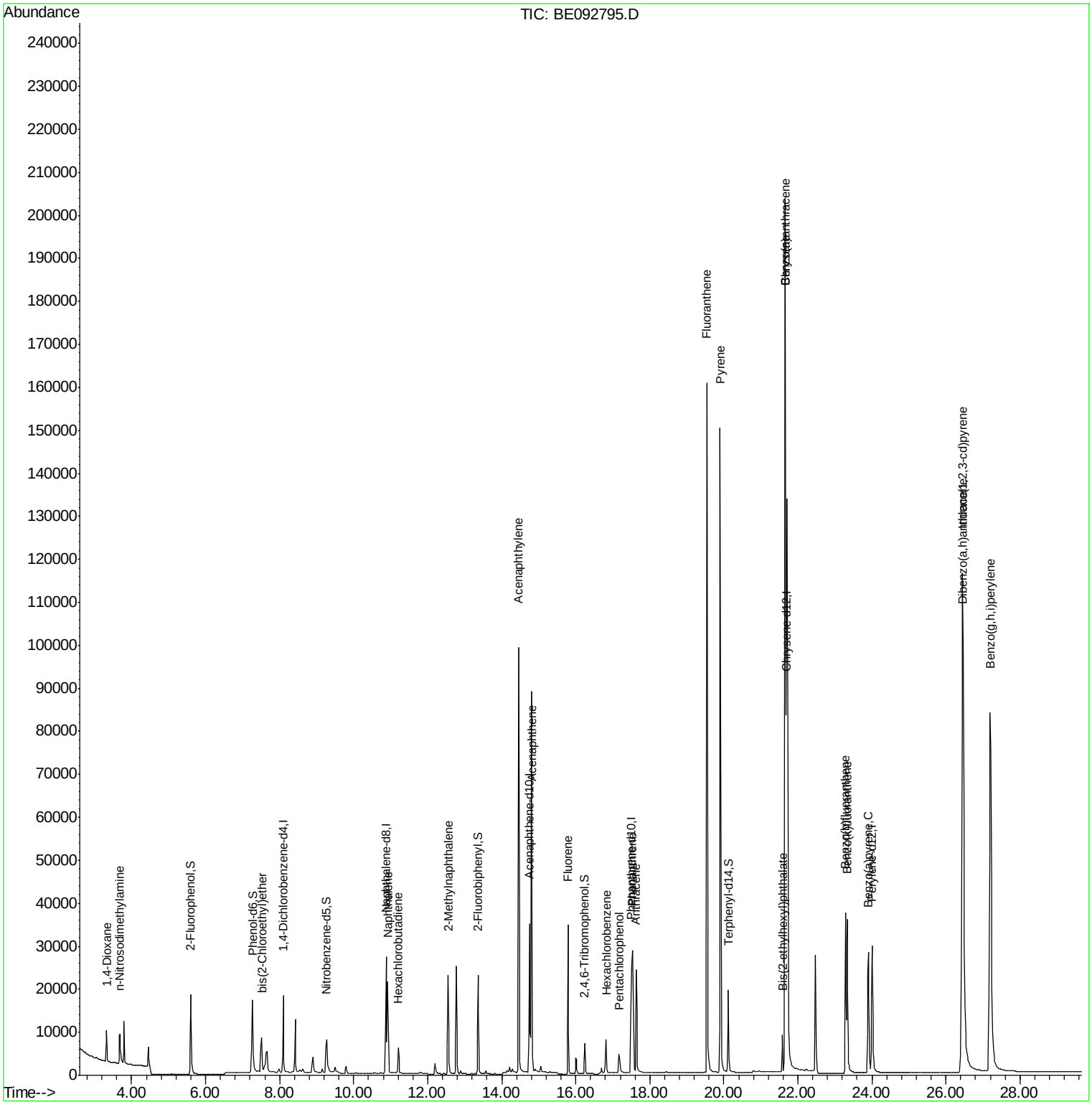
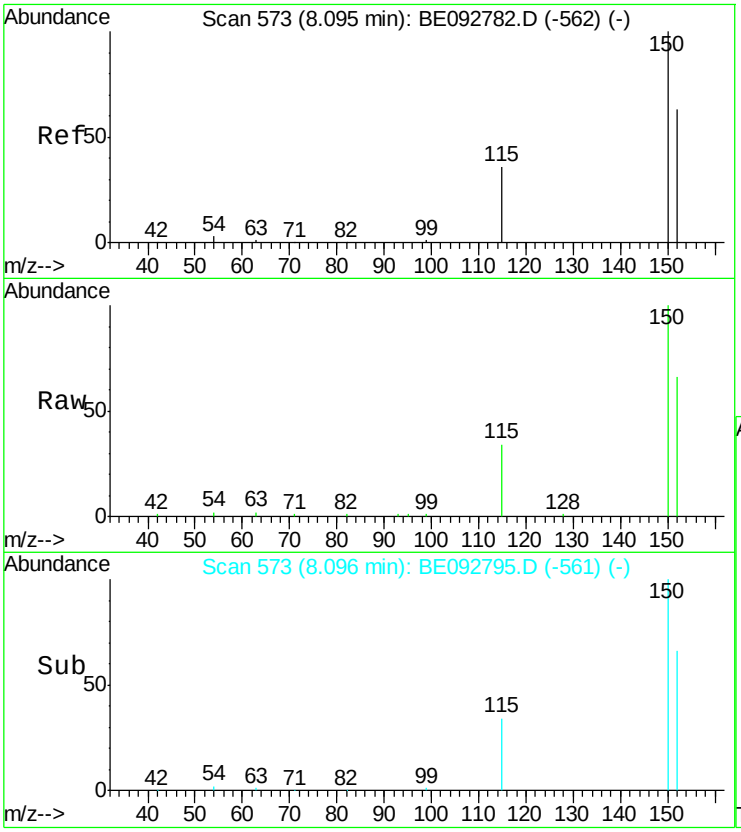
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 06 15:46:01 2017
Response via : Initial Calibration



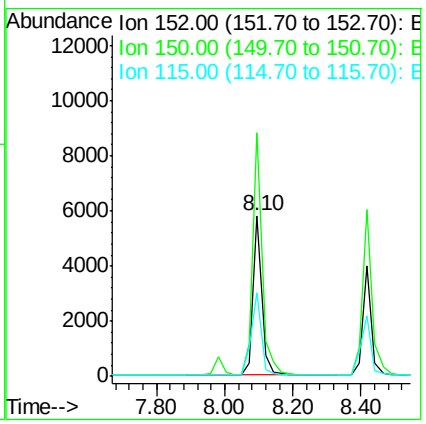


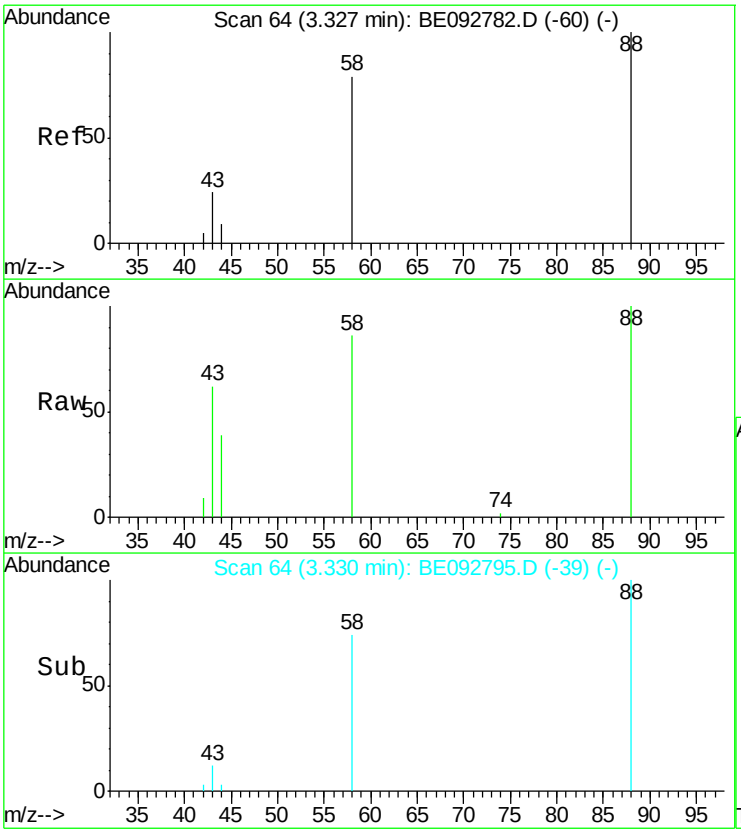
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.10 min Scan# 573
Delta R.T. -0.02 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Instrument :
BNA_E
ClientSampleId :
PB97375BS

Tgt Ion:152 Resp: 9977

Ion	Ratio	Lower	Upper
152	100		
150	151.2	106.0	159.0
115	52.1	31.2	46.8#

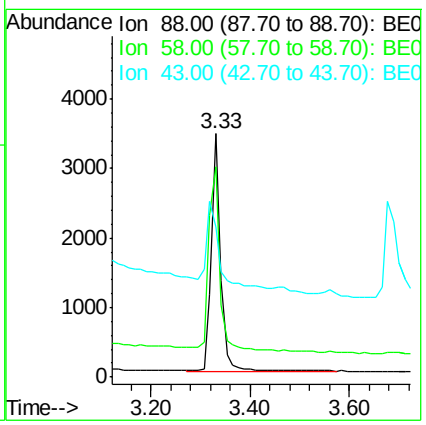


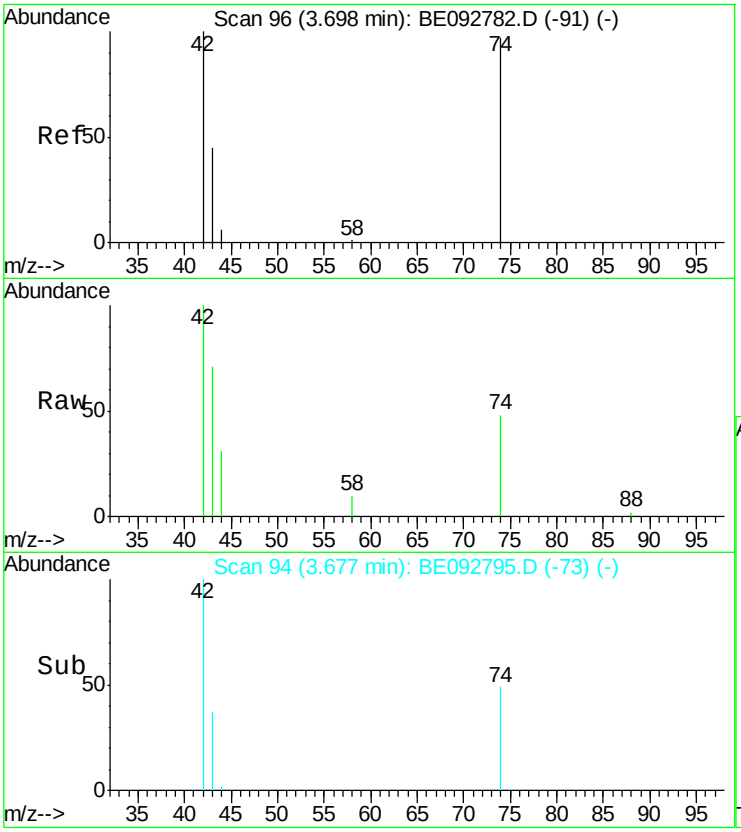


#2
1,4-Dioxane
Concen: 3.71 ng
RT: 3.33 min Scan# 64
Delta R.T. -0.01 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Tgt Ion: 88 Resp: 4412

Ion	Ratio	Lower	Upper
88	100		
58	98.2	63.6	95.4#
43	47.7	28.0	42.0#



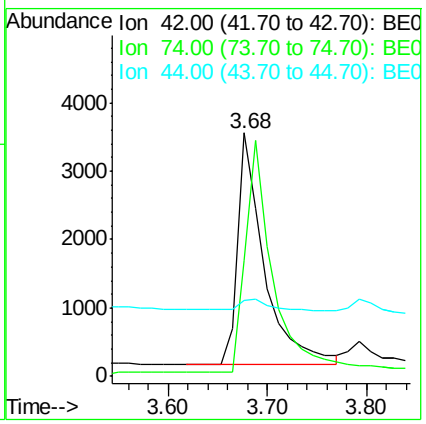


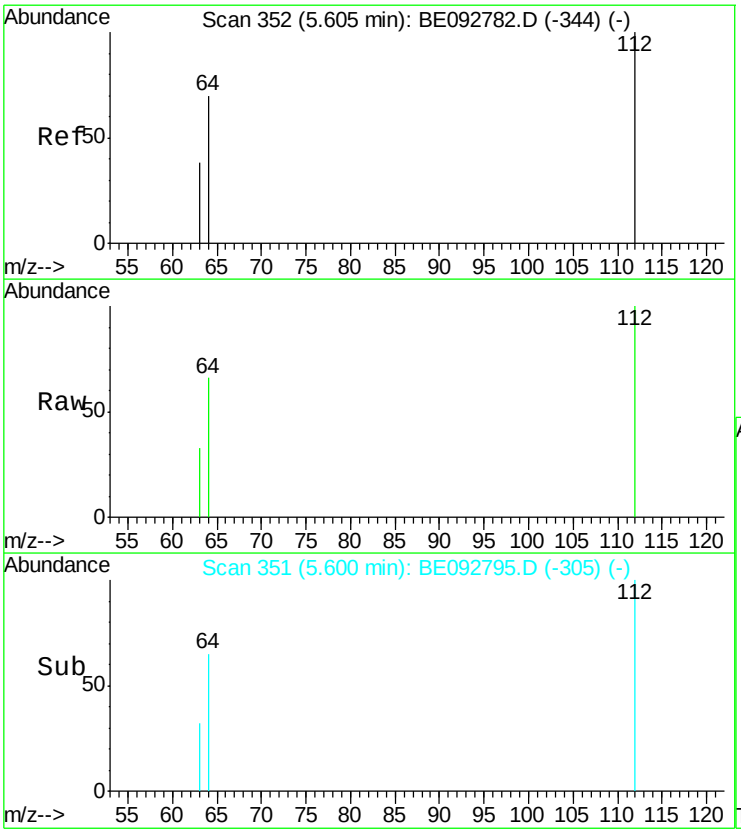
#3
n-Nitrosodimethylamine
Concen: 3.73 ng
RT: 3.68 min Scan# 94
Delta R.T. -0.06 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Instrument :
BNA_E
ClientSampleId :
PB97375BS

Tgt Ion: 42 Resp: 6244

Ion	Ratio	Lower	Upper
42	100		
74	114.3	86.0	129.0
44	6.9	5.1	7.7

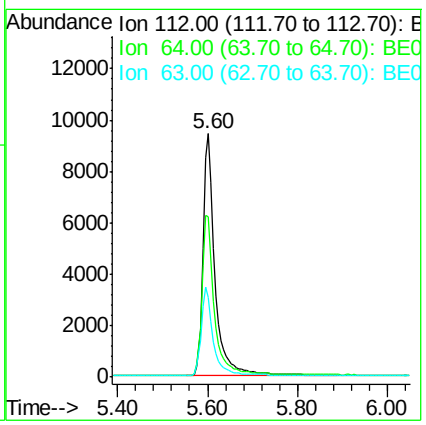


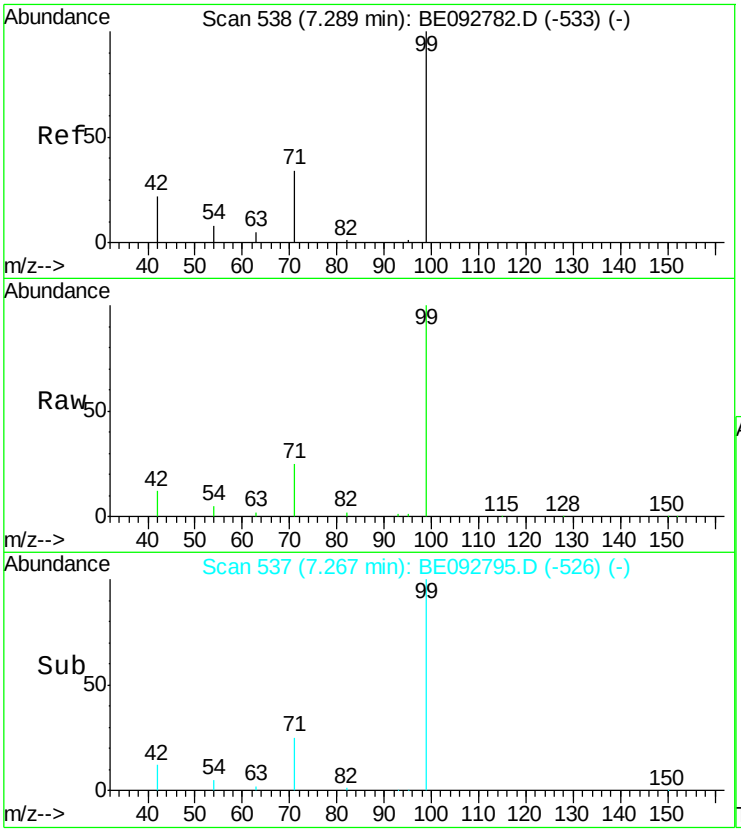


#4
2-Fluorophenol
Concen: 8.45 ng
RT: 5.60 min Scan# 351
Delta R.T. -0.03 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Tgt Ion:112 Resp: 17833

Ion	Ratio	Lower	Upper
112	100		
64	68.2	53.5	80.3
63	36.5	27.9	41.9



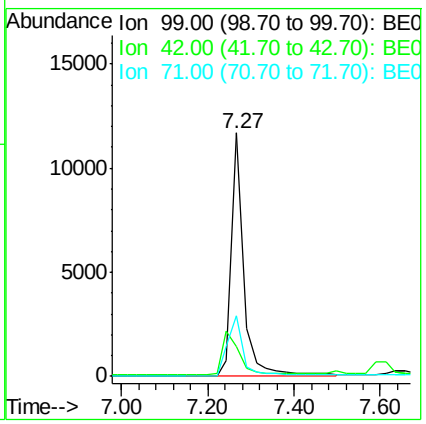


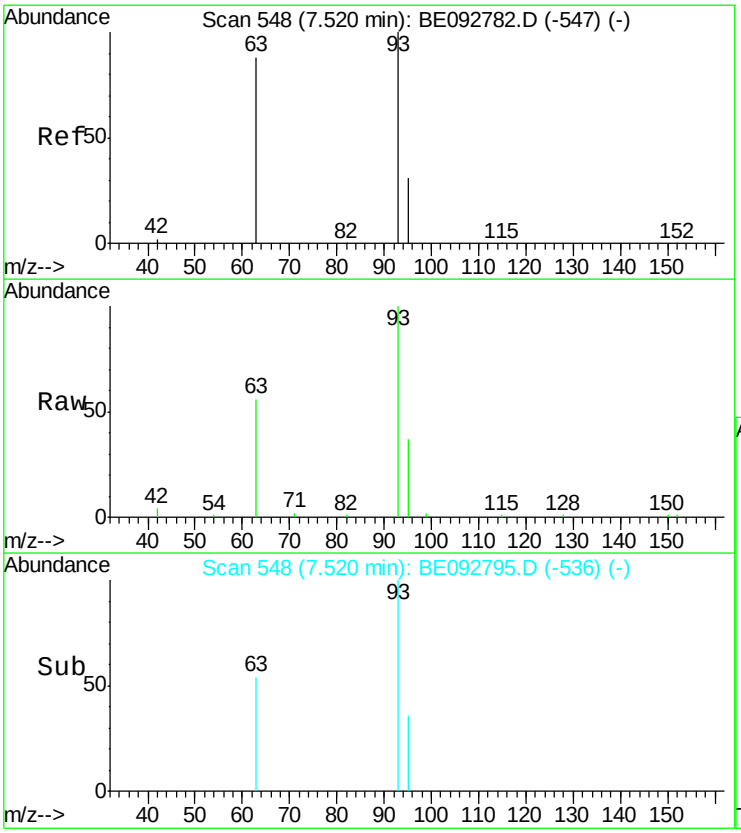
#5
Phenol-d6
Concen: 8.96 ng
RT: 7.27 min Scan# 537
Delta R.T. -0.05 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Instrument :
BNA_E
ClientSampleId :
PB97375BS

Tgt Ion: 99 Resp: 22522

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	32.1	30.6	45.8

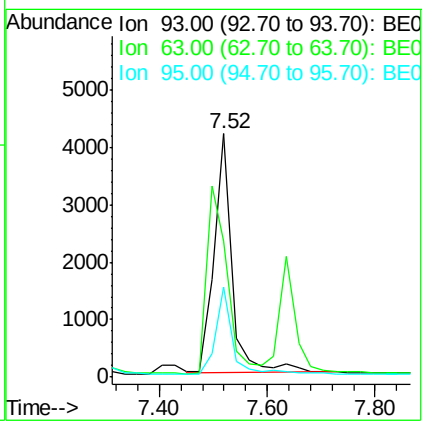


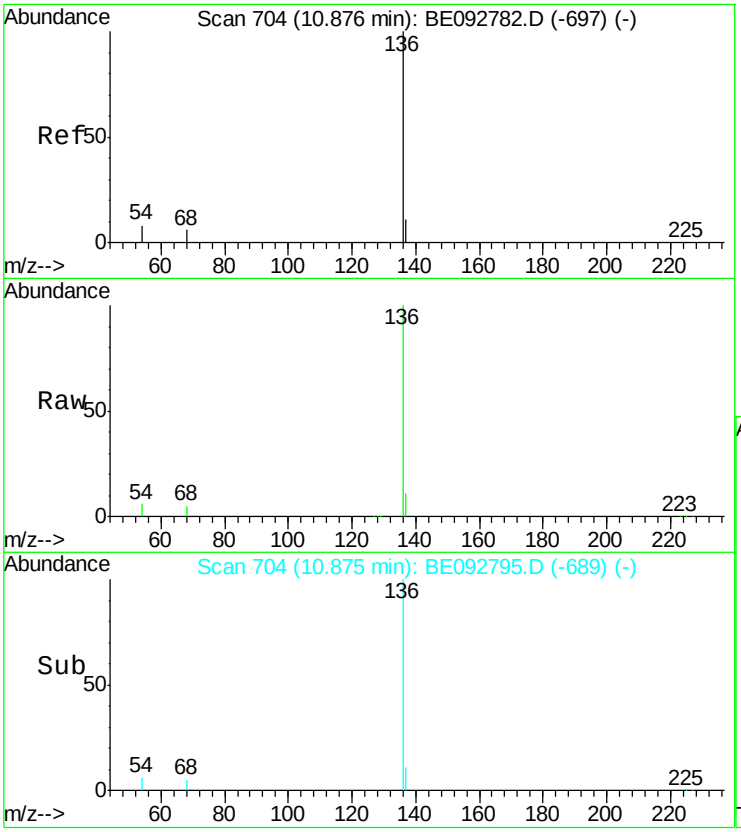


#6
bis(2-Chloroethyl)ether
Concen: 3.58 ng
RT: 7.52 min Scan# 548
Delta R.T. -0.02 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Tgt Ion: 93 Resp: 9820

Ion	Ratio	Lower	Upper
93	100		
63	0.0	71.6	107.4#
95	33.1	24.0	36.0



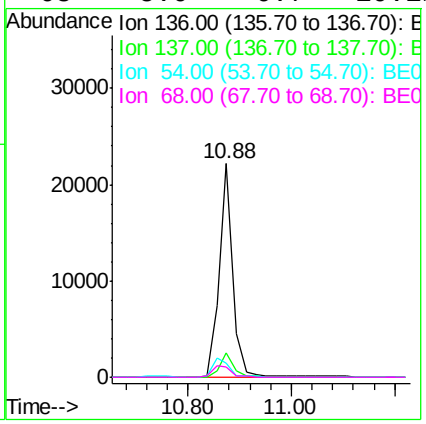


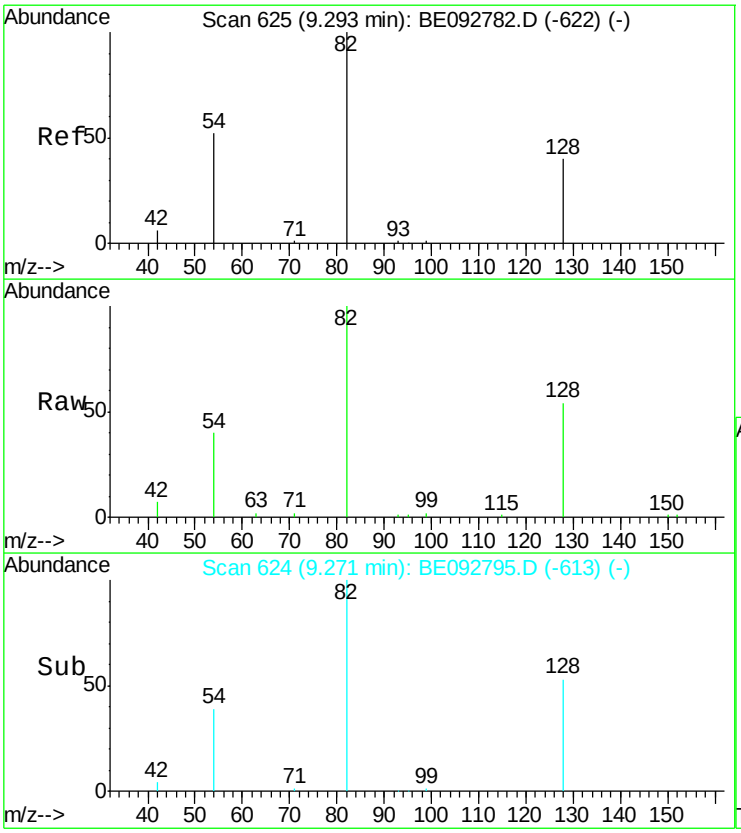
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.88 min Scan# 704
Delta R.T. -0.02 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Instrument :
BNA_E
ClientSampleId :
PB97375BS

Tgt Ion:136 Resp: 40748

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.2	12.4
54	6.5	9.6	14.4#
68	5.0	6.7	10.1#

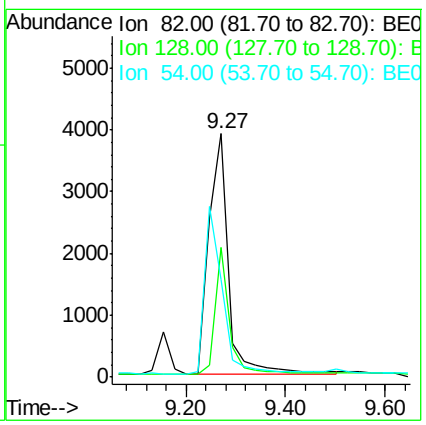


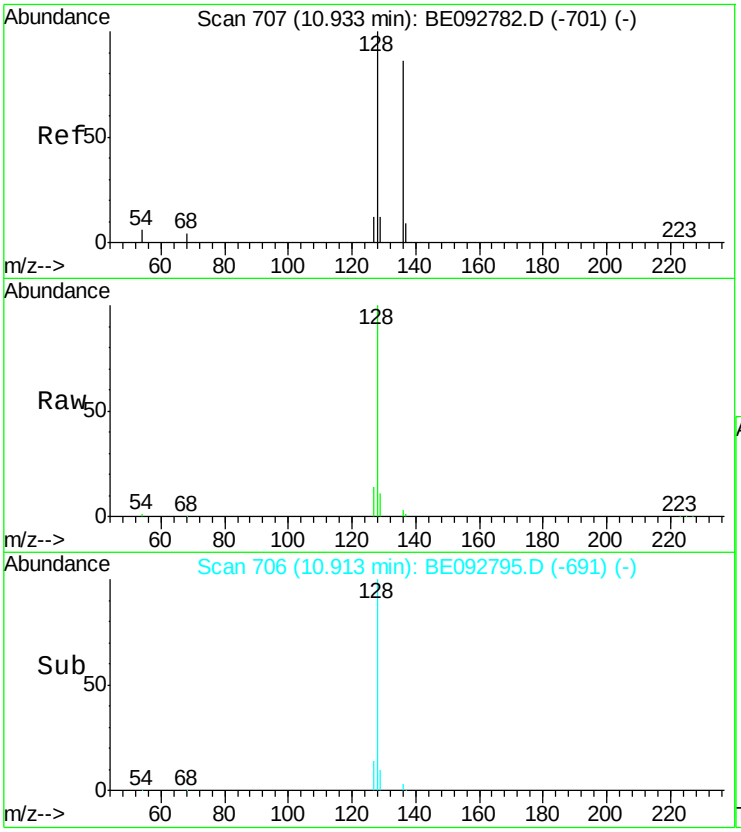


#8
Nitrobenzene-d5
Concen: 4.21 ng
RT: 9.27 min Scan# 624
Delta R.T. -0.05 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Tgt Ion: 82 Resp: 10494

Ion	Ratio	Lower	Upper
82	100		
128	53.5	39.0	58.4
54	40.0	44.8	67.2#



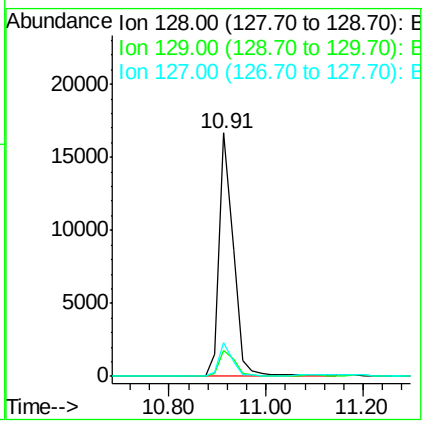


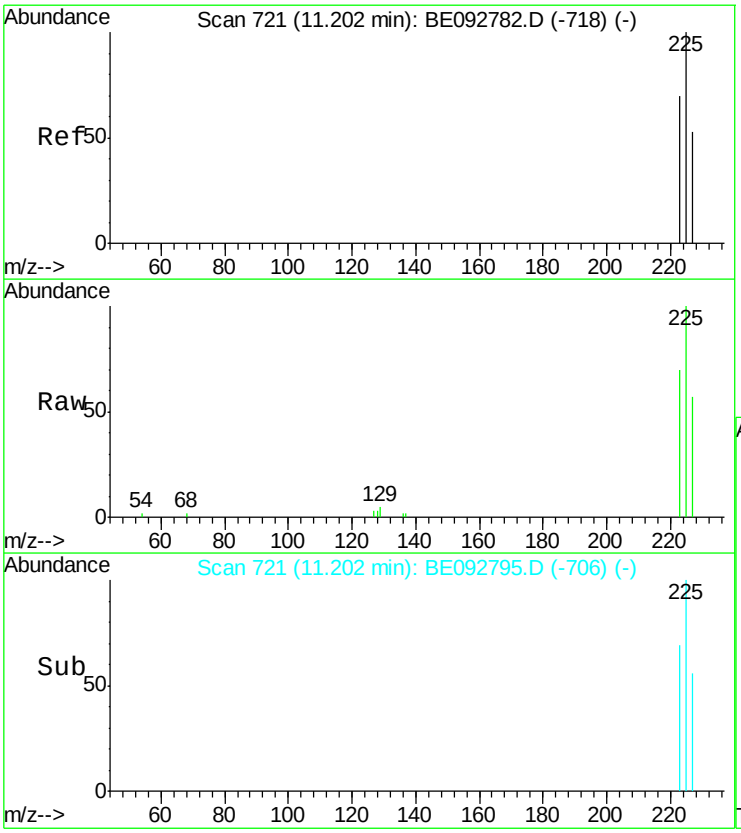
#9
Naphthalene
Concen: 3.77 ng
RT: 10.91 min Scan# 706
Delta R.T. -0.02 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Instrument :
BNA_E
ClientSampleId :
PB97375BS

Tgt Ion:128 Resp: 32869

Ion	Ratio	Lower	Upper
128	100		
129	10.6	11.2	16.8#
127	13.9	11.6	17.4

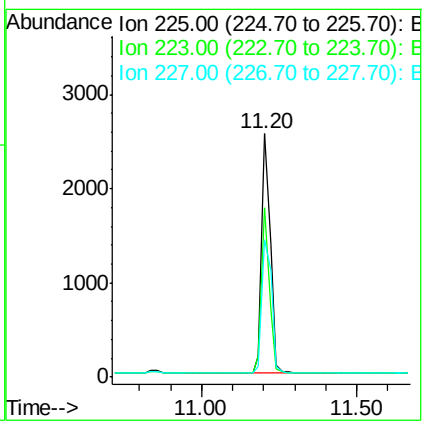


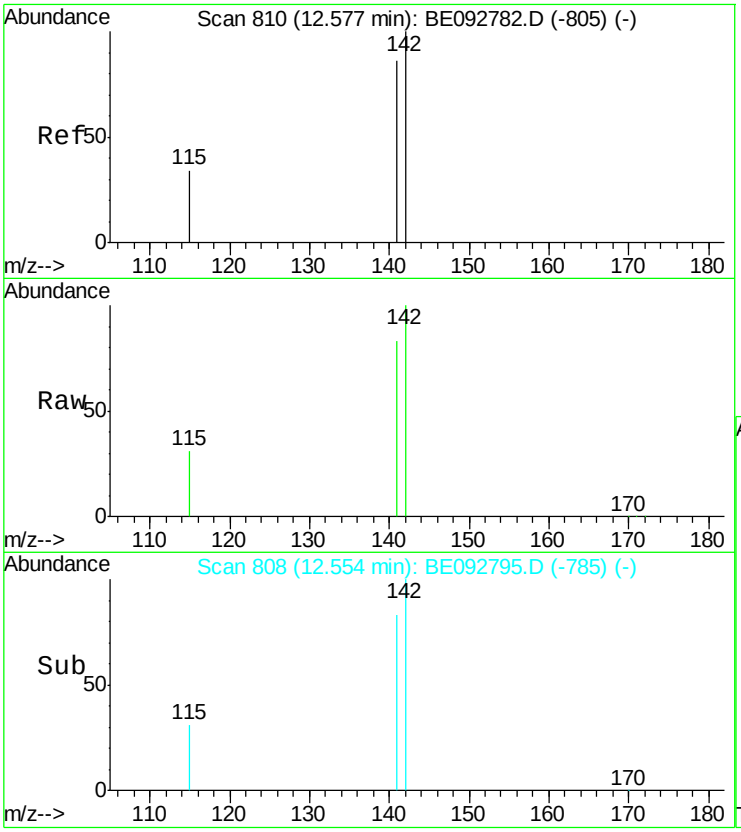


#10
Hexachlorobutadiene
Concen: 3.85 ng
RT: 11.20 min Scan# 721
Delta R.T. -0.02 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Tgt Ion:225 Resp: 4839

Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	63.6	51.4	77.0



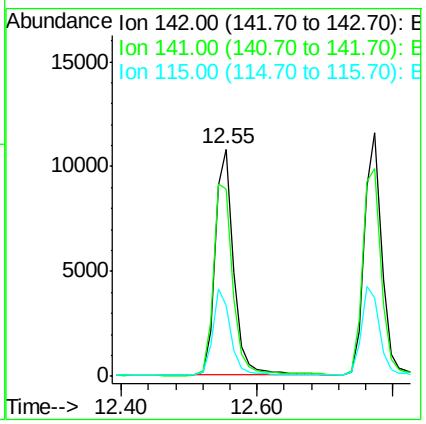


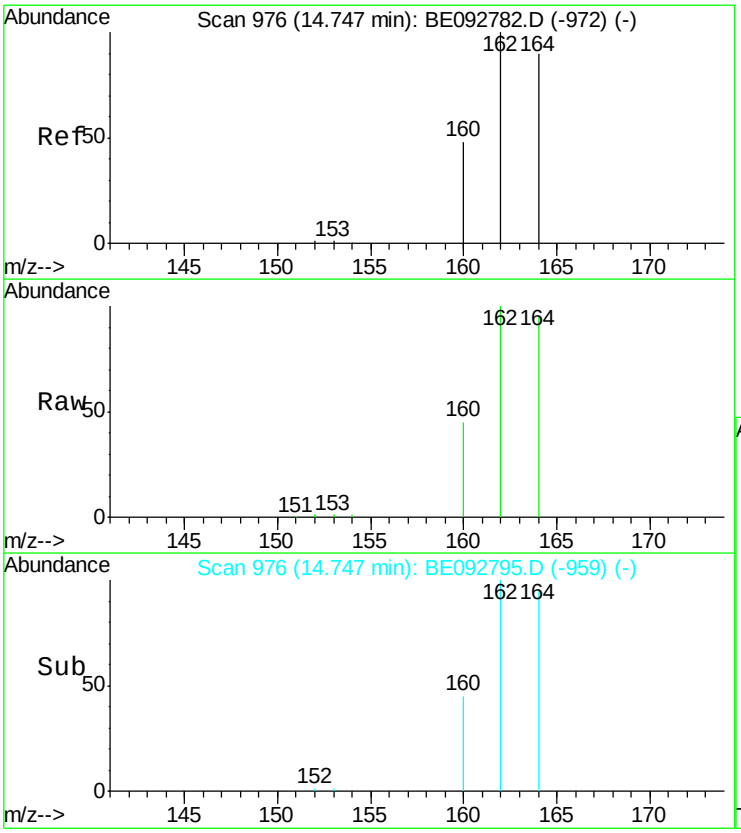
#11
2-Methylnaphthalene
Concen: 3.69 ng
RT: 12.55 min Scan# 808
Delta R.T. -0.04 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Instrument :
BNA_E
ClientSampleId :
PB97375BS

Tgt Ion:142 Resp: 20781

Ion	Ratio	Lower	Upper
142	100		
141	82.6	73.7	110.5
115	31.3	34.0	51.0#

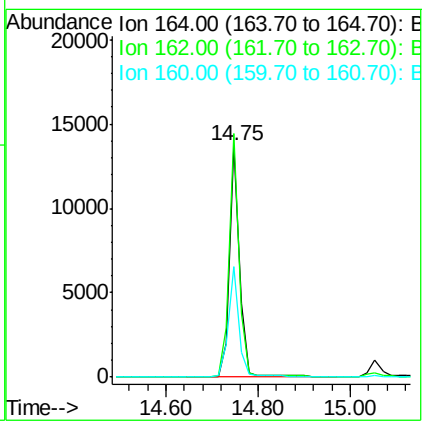


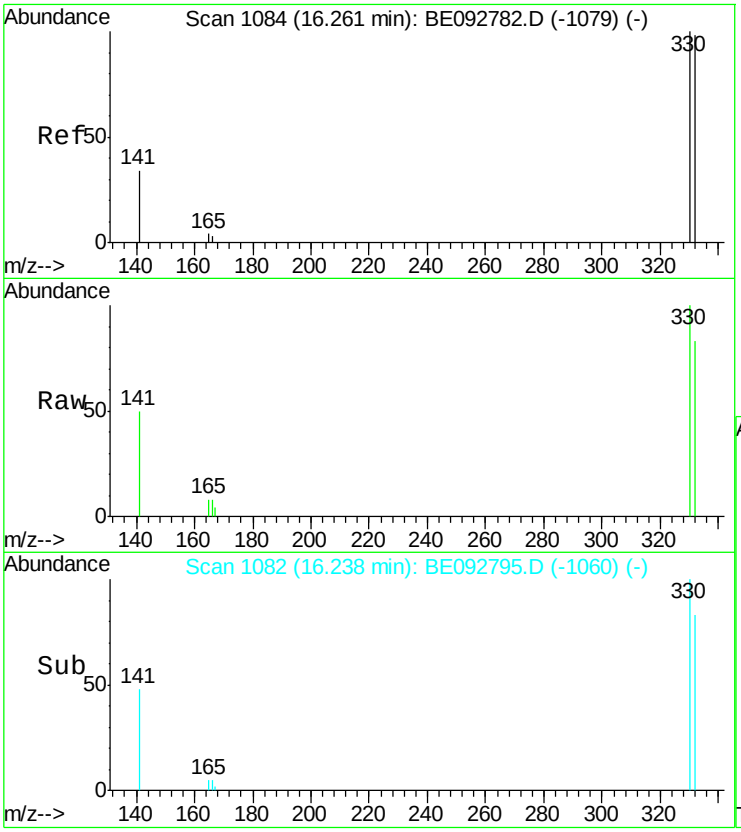


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.75 min Scan# 976
Delta R.T. -0.02 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Tgt Ion:164 Resp: 20841

Ion	Ratio	Lower	Upper
164	100		
162	105.4	71.4	107.0
160	47.8	27.4	41.2#



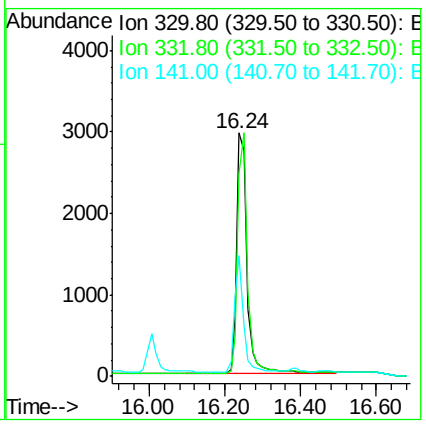


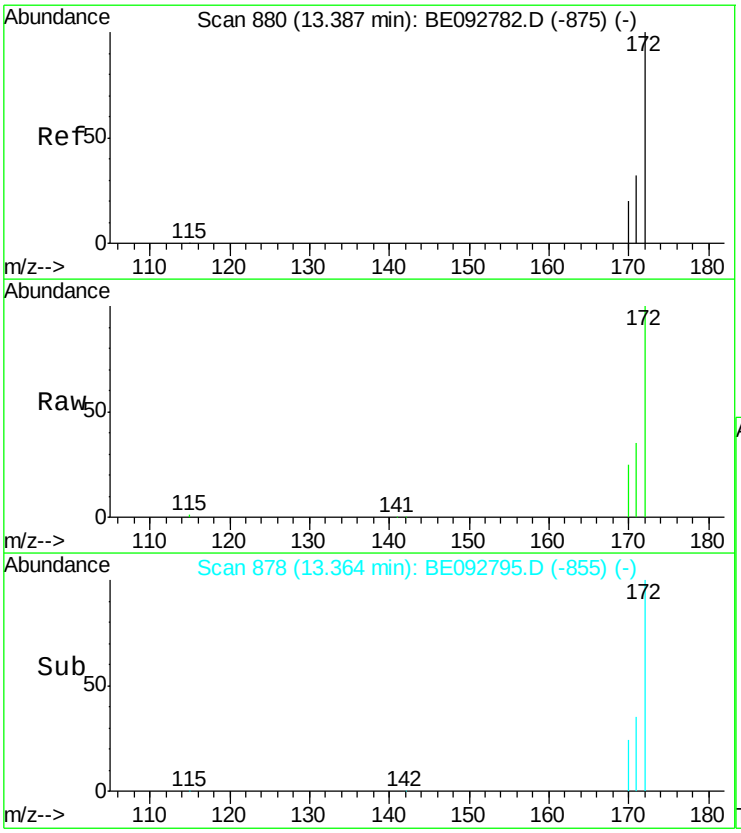
#13
2,4,6-Tribromophenol
Concen: 10.09 ng
RT: 16.24 min Scan# 1082
Delta R.T. -0.04 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Instrument :
BNA_E
ClientSampleId :
PB97375BS

Tgt Ion:330 Resp: 5535

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.4	113.0
141	42.4	31.0	46.6

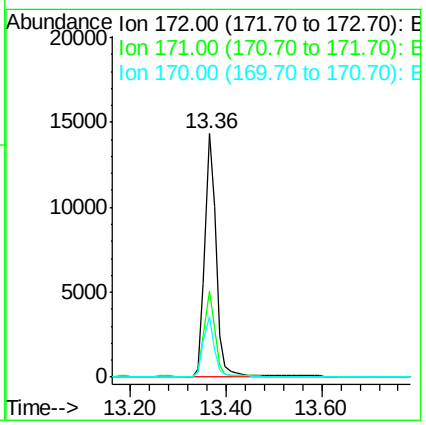


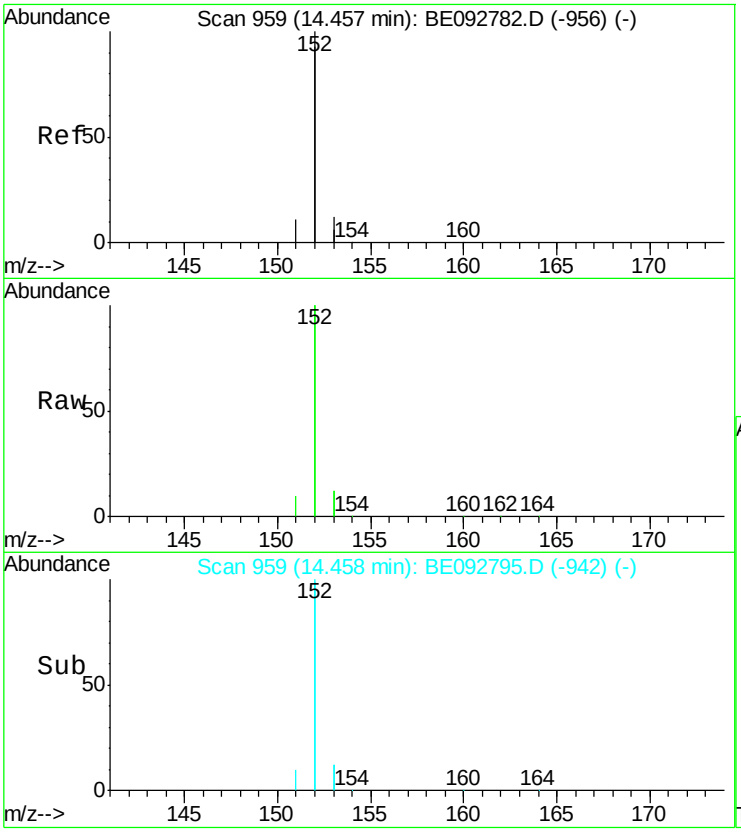


#14
2-Fluorobiphenyl
Concen: 4.86 ng
RT: 13.36 min Scan# 878
Delta R.T. -0.04 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Tgt Ion:172 Resp: 23867

Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.1	45.1
170	24.7	21.8	32.6



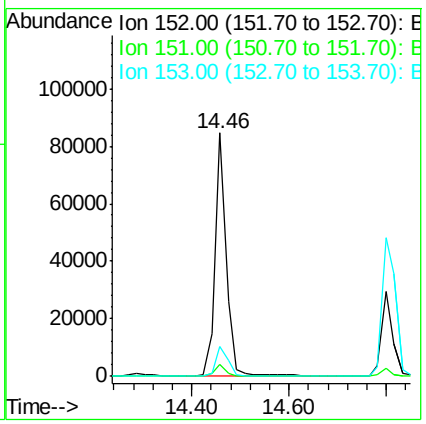


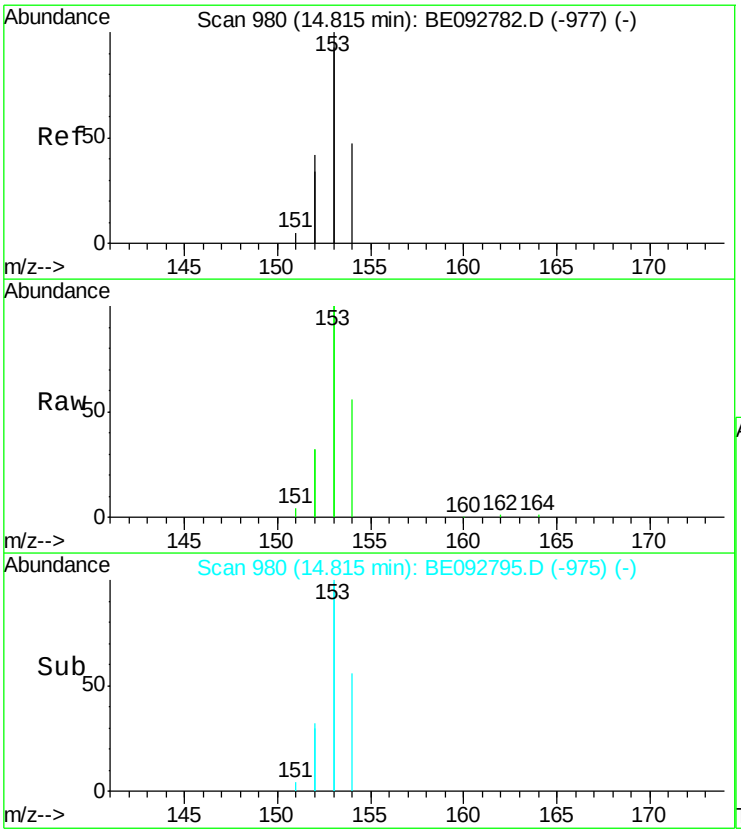
#15
Acenaphthylene
Concen: 4.14 ng
RT: 14.46 min Scan# 959
Delta R.T. -0.02 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Instrument :
BNA_E
ClientSampleId :
PB97375BS

Tgt Ion:152 Resp: 132621

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.2	10.4	15.6

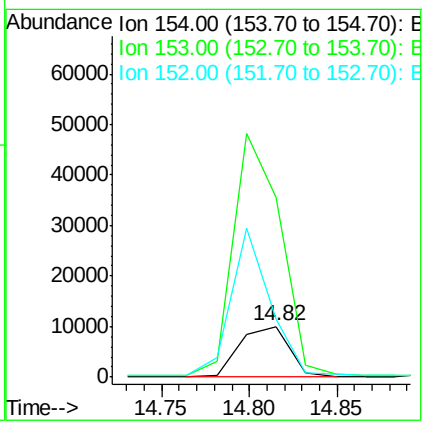


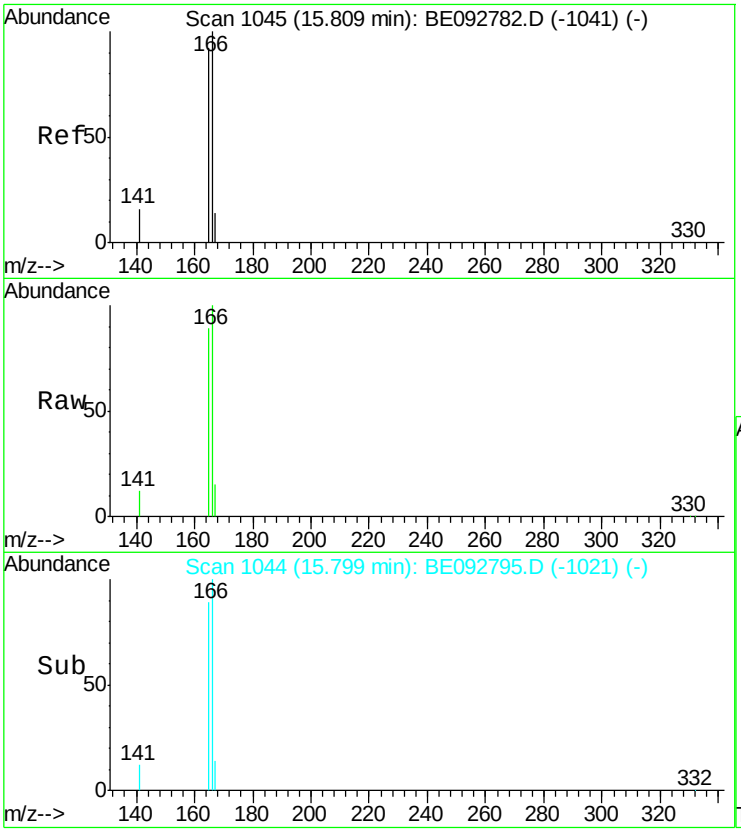


#16
Acenaphthene
Concen: 4.41 ng
RT: 14.82 min Scan# 980
Delta R.T. -0.02 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Tgt Ion:154 Resp: 19771

Ion	Ratio	Lower	Upper
154	100		
153	458.8	350.8	526.2
152	231.2	171.1	256.7



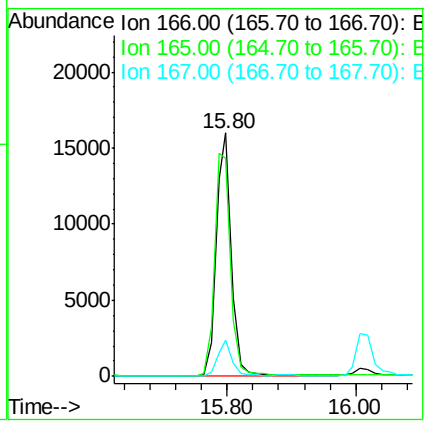


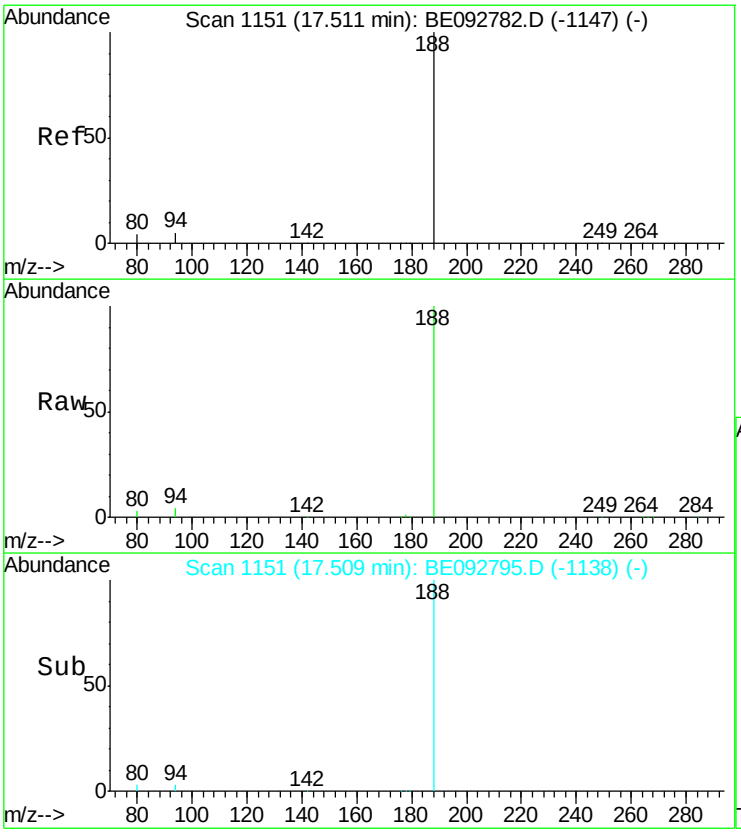
#17
Fluorene
Concen: 4.31 ng
RT: 15.80 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Instrument :
BNA_E
ClientSampleId :
PB97375BS

Tgt Ion:166 Resp: 26294

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.2	117.4
167	13.4	11.0	16.4

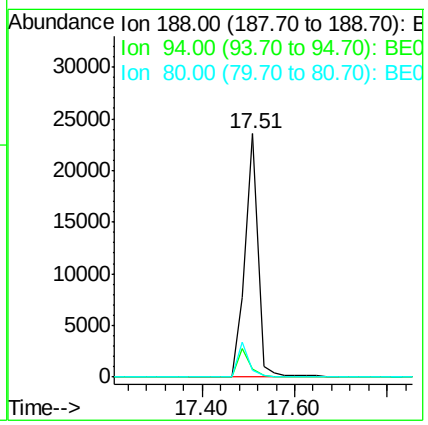


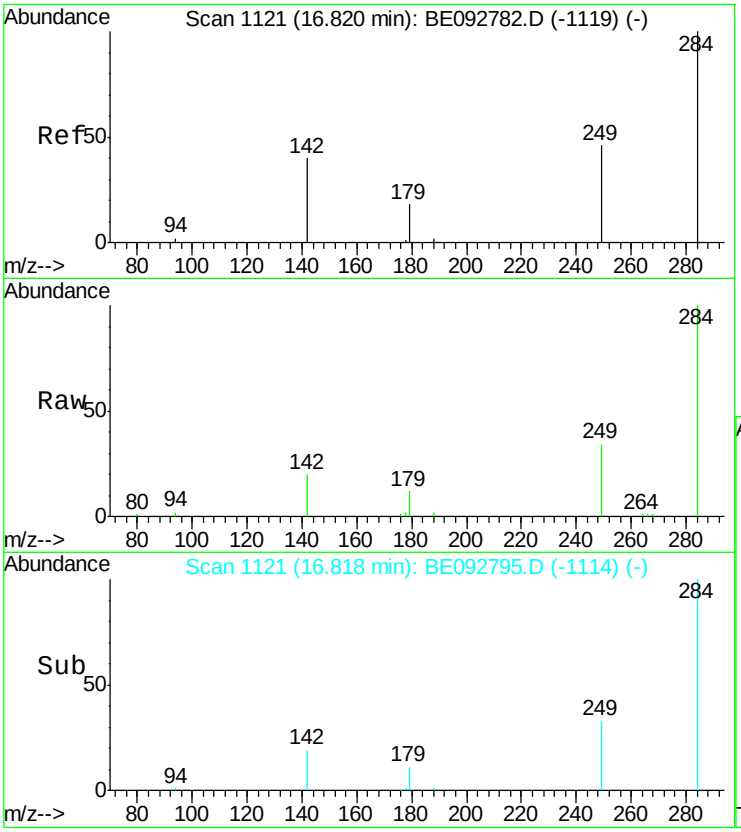


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.51 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Tgt Ion:188 Resp: 45815

Ion	Ratio	Lower	Upper
188	100		
94	3.5	3.2	4.8
80	2.8	2.6	3.8



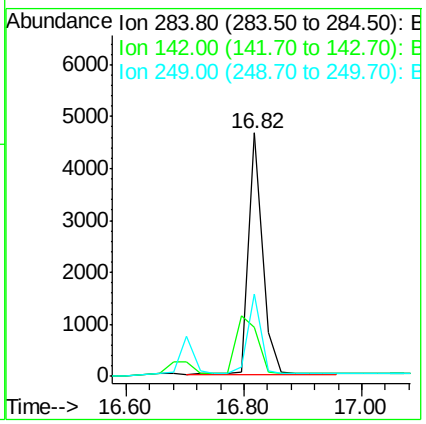


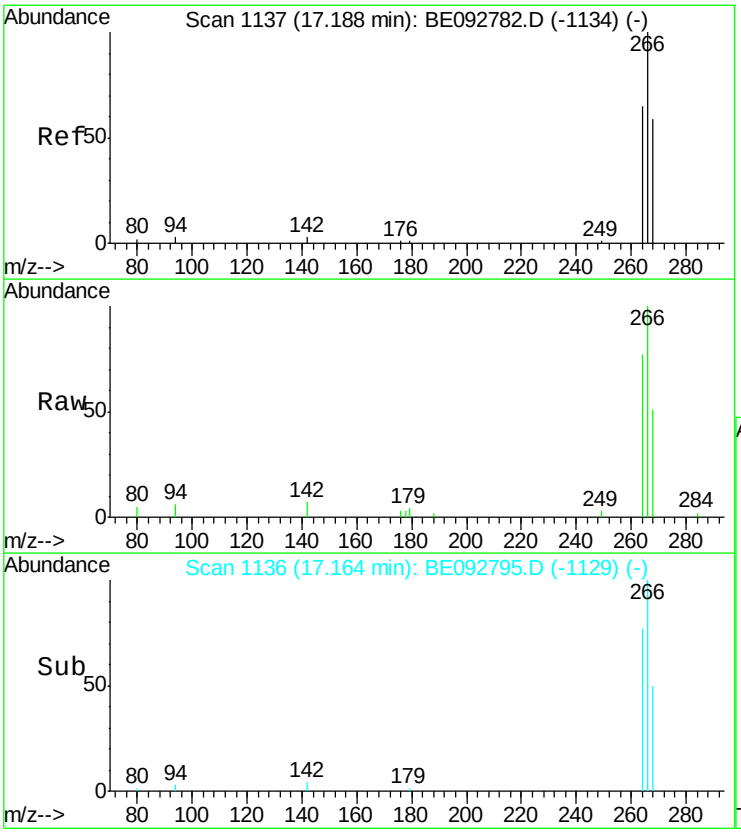
#19
Hexachlorobenzene
Concen: 4.09 ng
RT: 16.82 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Instrument :
BNA_E
ClientSampleId :
PB97375BS

Tgt Ion:284 Resp: 7672

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	31.5	27.9	41.9

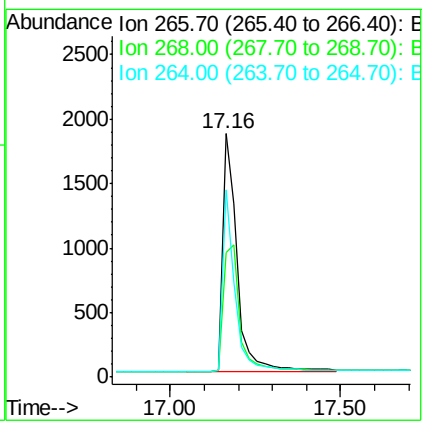


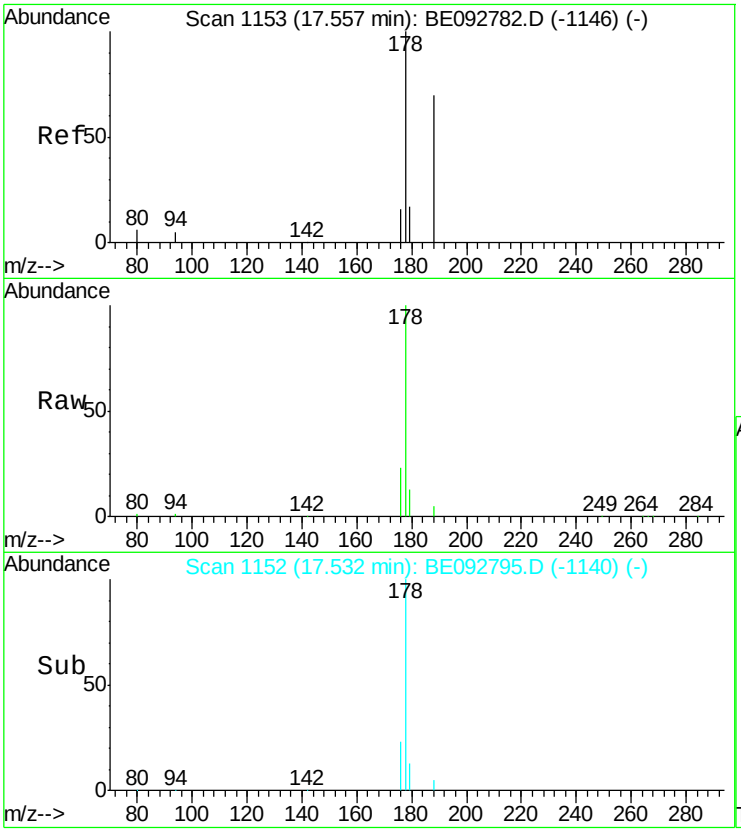


#20
Pentachlorophenol
Concen: 8.01 ng
RT: 17.16 min Scan# 1136
Delta R.T. -0.14 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Tgt Ion:266 Resp: 5436

Ion	Ratio	Lower	Upper
266	100		
268	51.4	62.5	93.7#
264	77.0	57.2	85.8



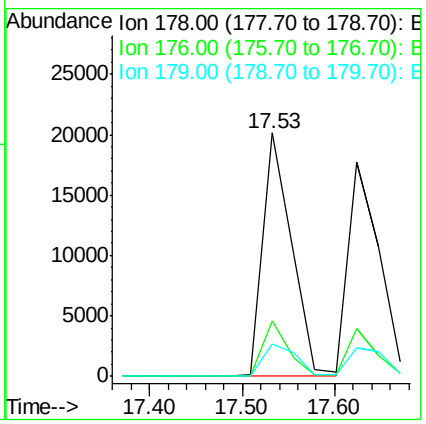


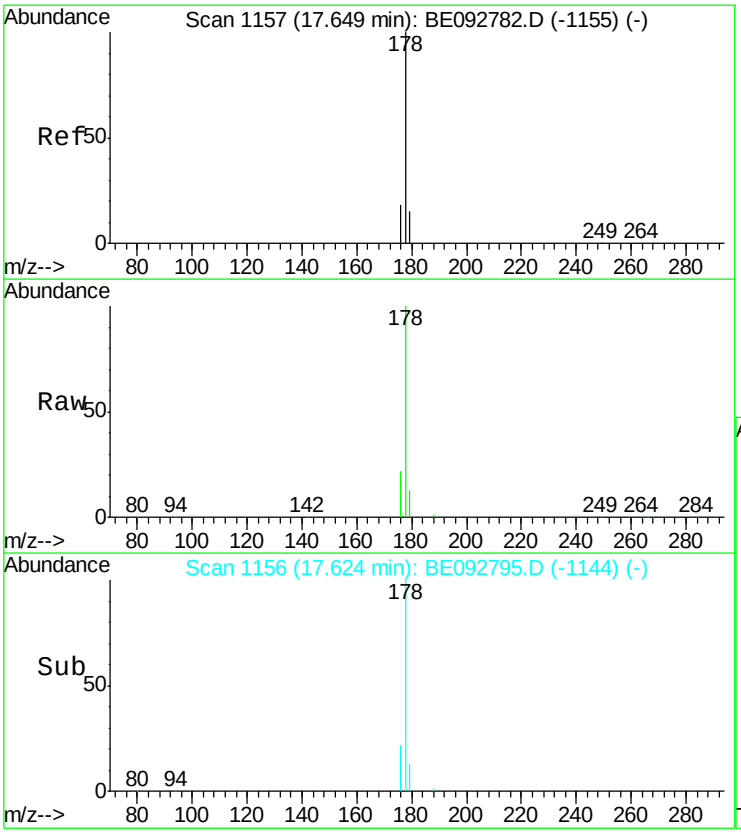
#21
Phenanthrene
Concen: 3.90 ng
RT: 17.53 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Instrument :
BNA_E
ClientSampleId :
PB97375BS

Tgt Ion:178 Resp: 42878

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.1	16.0	24.0#

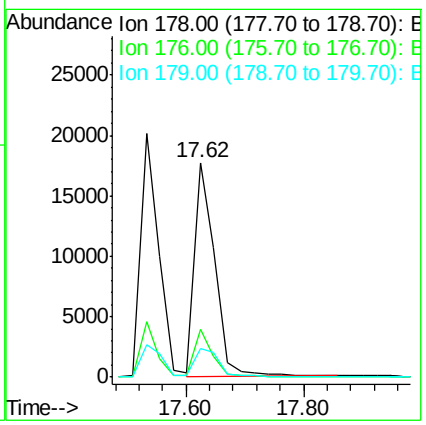


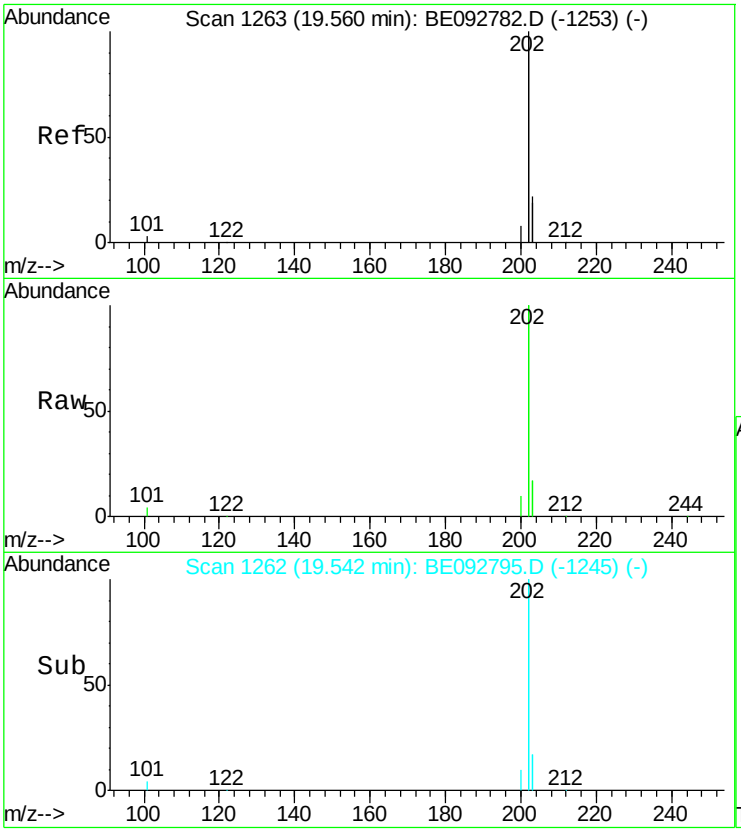


#22
Anthracene
Concen: 3.80 ng
RT: 17.62 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Tgt Ion:178 Resp: 42145

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.4
179	15.2	12.2	18.2



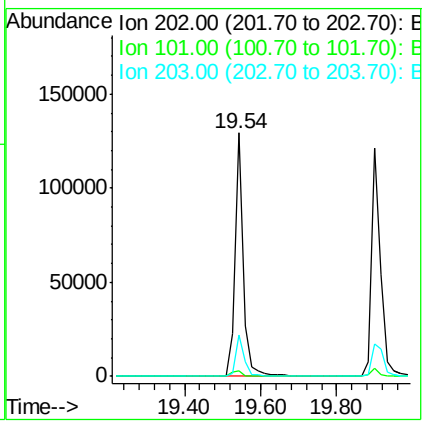


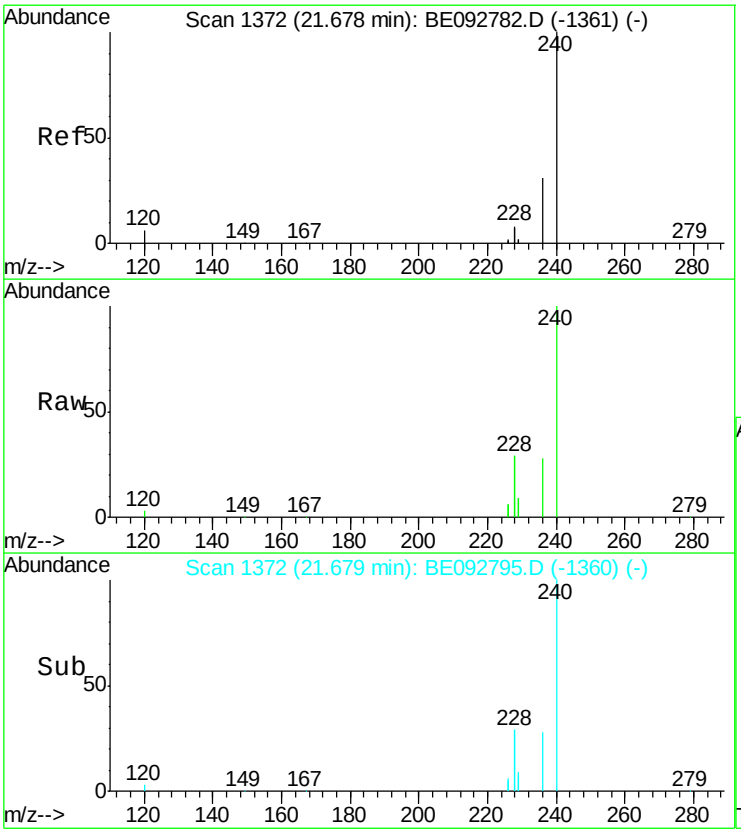
#23
Fluoranthene
Concen: 3.64 ng
RT: 19.54 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Instrument :
BNA_E
ClientSampleId :
PB97375BS

Tgt Ion:202 Resp: 194802

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

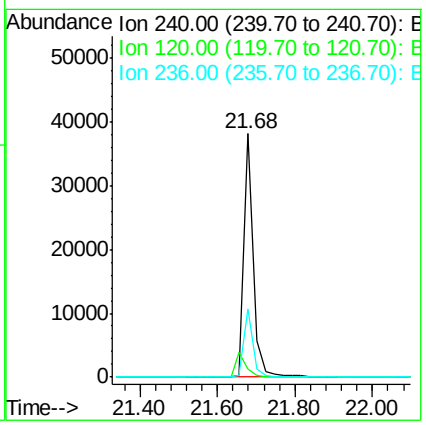


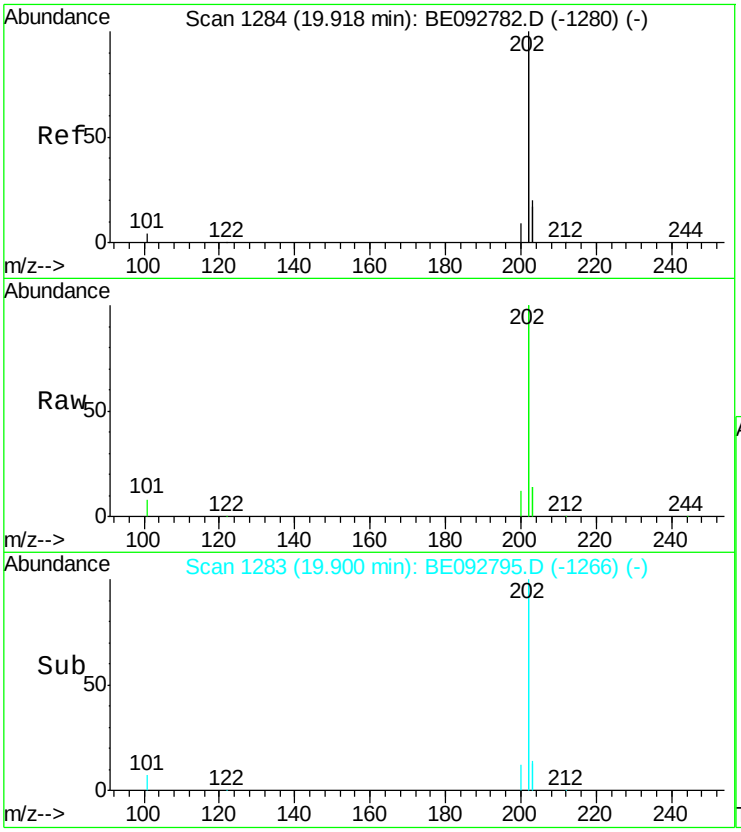


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.68 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Tgt Ion:240 Resp: 62564

Ion	Ratio	Lower	Upper
240	100		
120	3.2	2.6	4.0
236	27.9	24.6	37.0



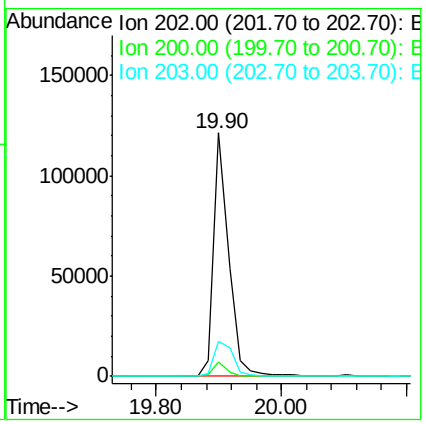


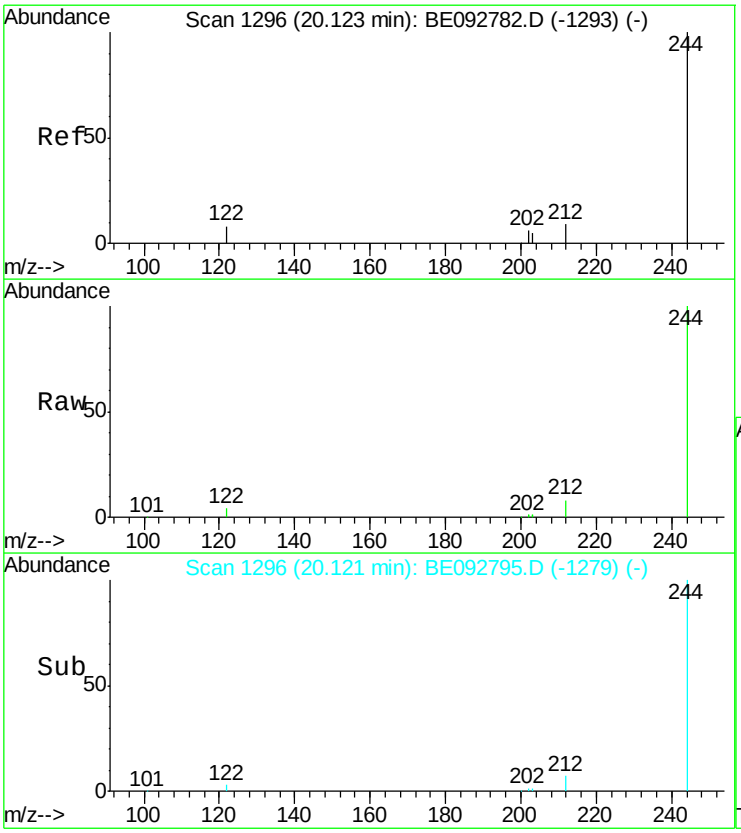
#25
Pyrene
Concen: 3.52 ng
RT: 19.90 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Instrument :
BNA_E
ClientSampleId :
PB97375BS

Tgt Ion:202 Resp: 199423

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	18.0	13.9	20.9

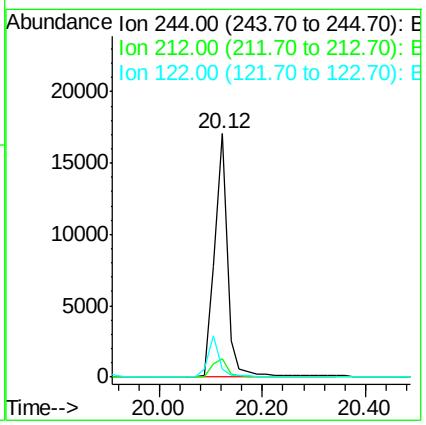


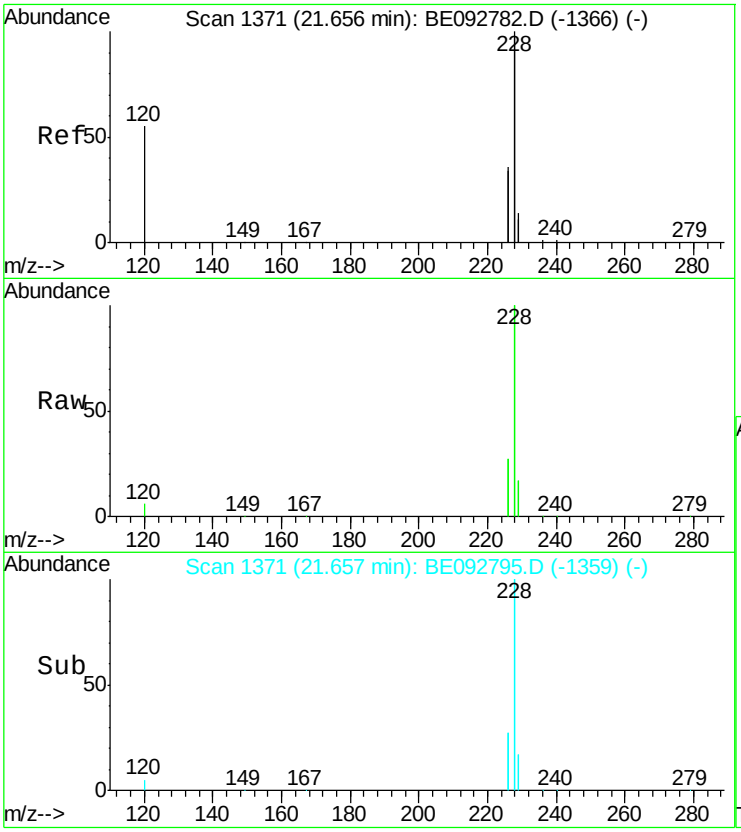


#26
Terphenyl-d14
Concen: 3.91 ng
RT: 20.12 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Tgt Ion:244 Resp: 29539

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.7	10.1
122	3.5	3.6	5.4#



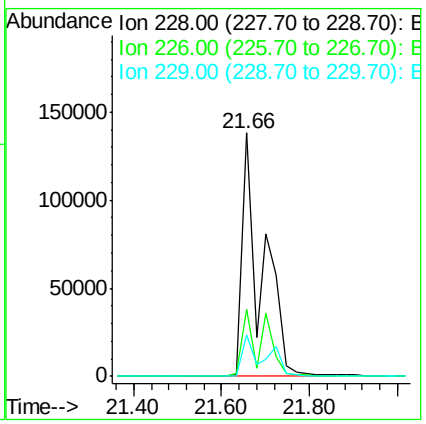


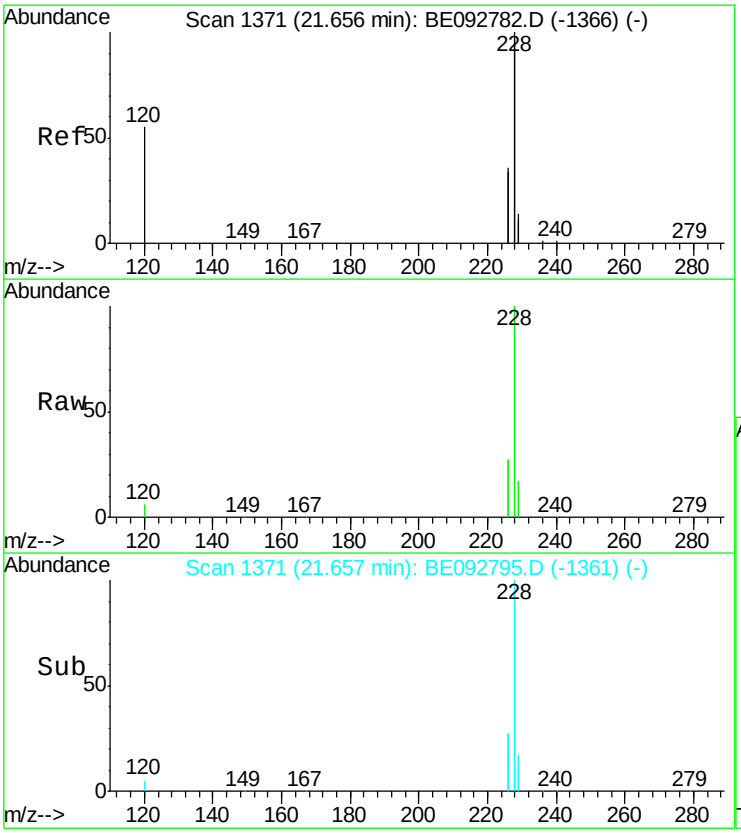
#27
Benzo(a)anthracene
Concen: 6.50 ng
RT: 21.66 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Instrument :
BNA_E
ClientSampleId :
PB97375BS

Tgt Ion:228 Resp: 424159

Ion	Ratio	Lower	Upper
228	100		
226	27.4	23.6	35.4
229	16.8	13.3	19.9

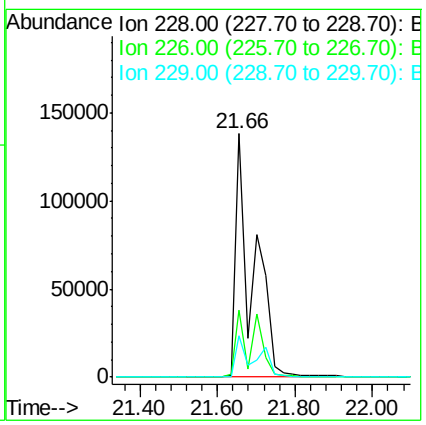


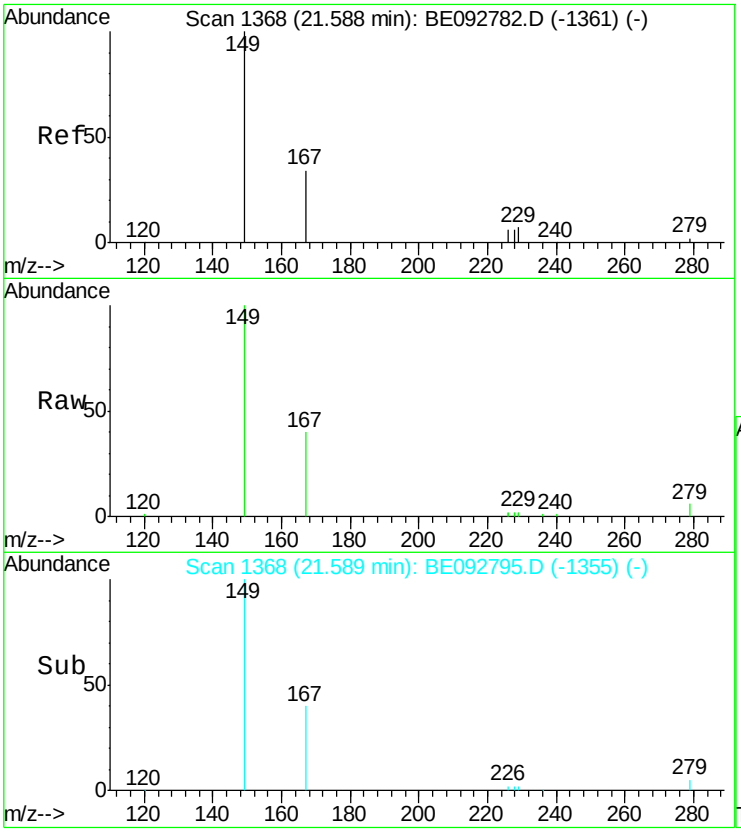


#28
Chrysene
Concen: 7.42 ng
RT: 21.66 min Scan# 1371
Delta R.T. -0.07 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Tgt Ion:228 Resp: 425506

Ion	Ratio	Lower	Upper
228	100		
226	27.4	36.3	54.5#
229	16.8	10.6	16.0#



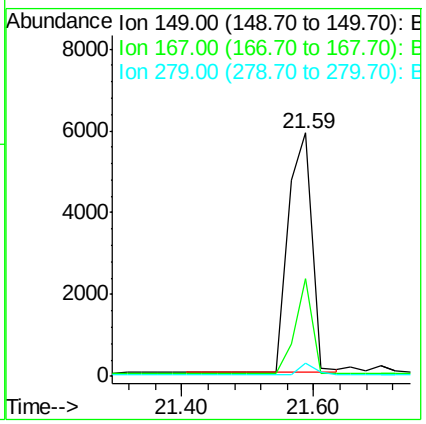


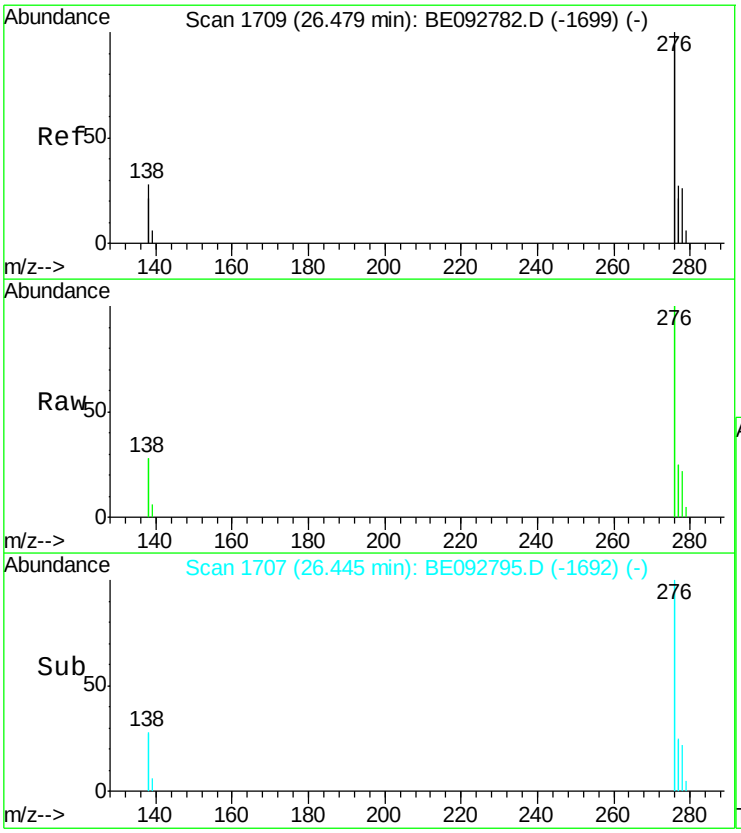
#29
Bis(2-ethylhexyl)phthalate
Concen: 2.74 ng
RT: 21.59 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Instrument :
BNA_E
ClientSampleId :
PB97375BS

Tgt Ion:149 Resp: 14638

Ion	Ratio	Lower	Upper
149	100		
167	29.1	16.0	24.0#
279	3.3	16.0	24.0#

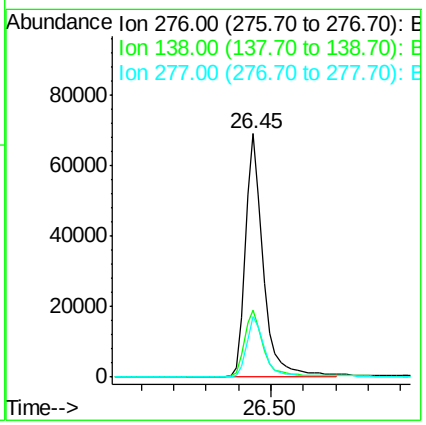


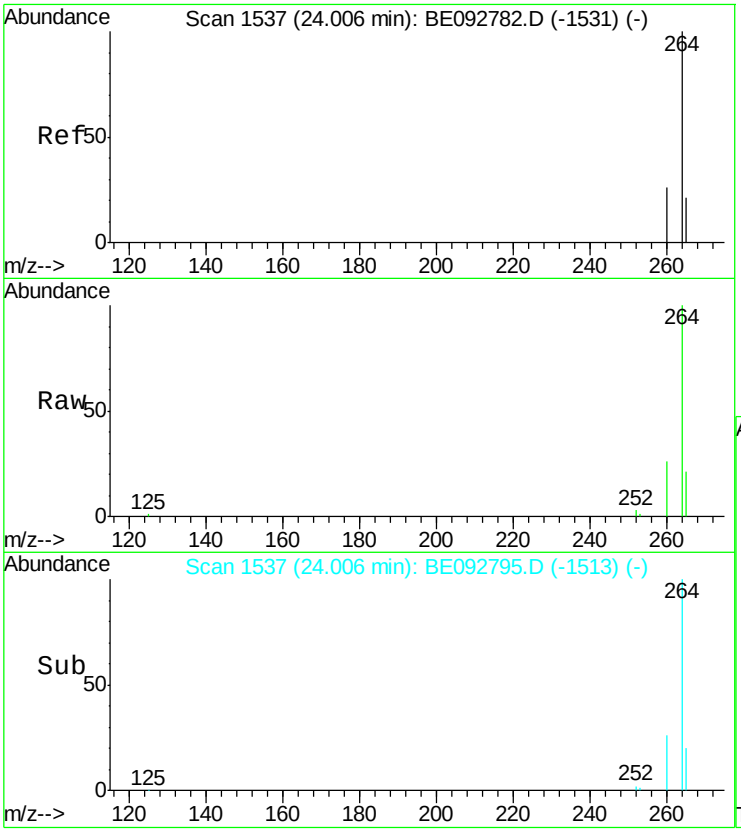


#30
Indeno(1,2,3-cd)pyrene
Concen: 4.17 ng
RT: 26.45 min Scan# 1707
Delta R.T. -0.05 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Tgt Ion:276 Resp: 259084

Ion	Ratio	Lower	Upper
276	100		
138	28.8	20.3	30.5
277	24.7	19.7	29.5



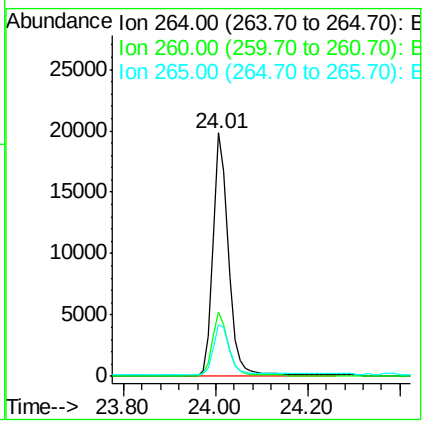


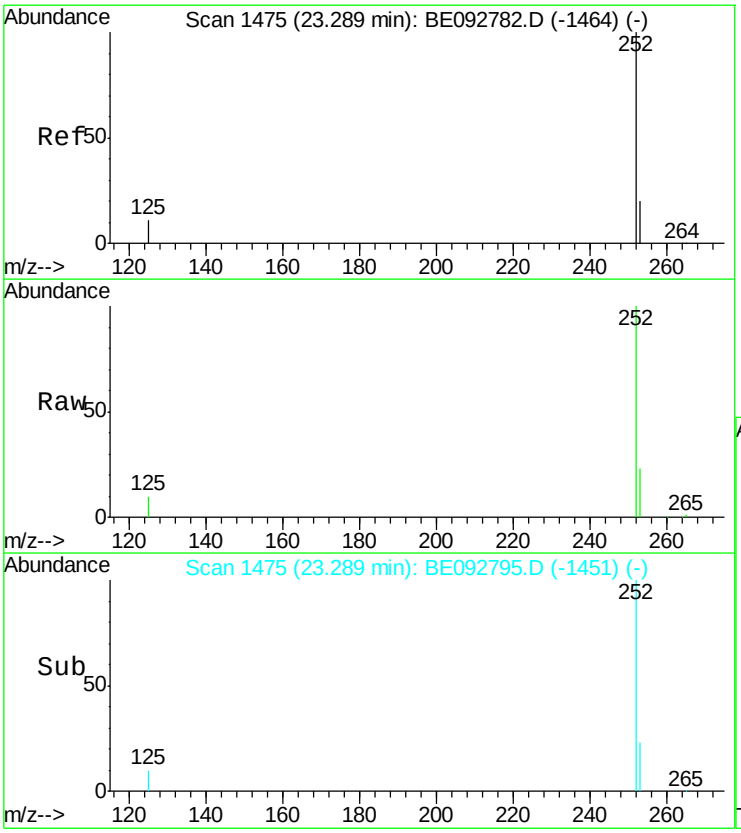
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.01 min Scan# 1537
Delta R.T. -0.02 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Instrument :
BNA_E
ClientSampleId :
PB97375BS

Tgt Ion:264 Resp: 46129

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.1	30.1
265	21.3	17.9	26.9

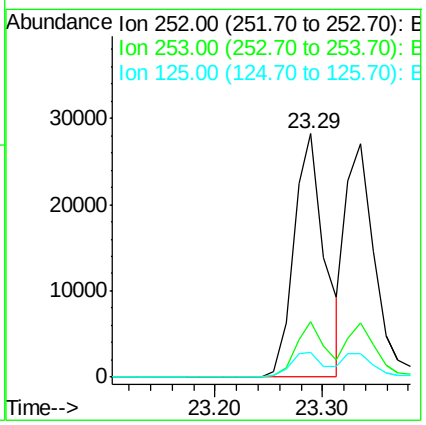


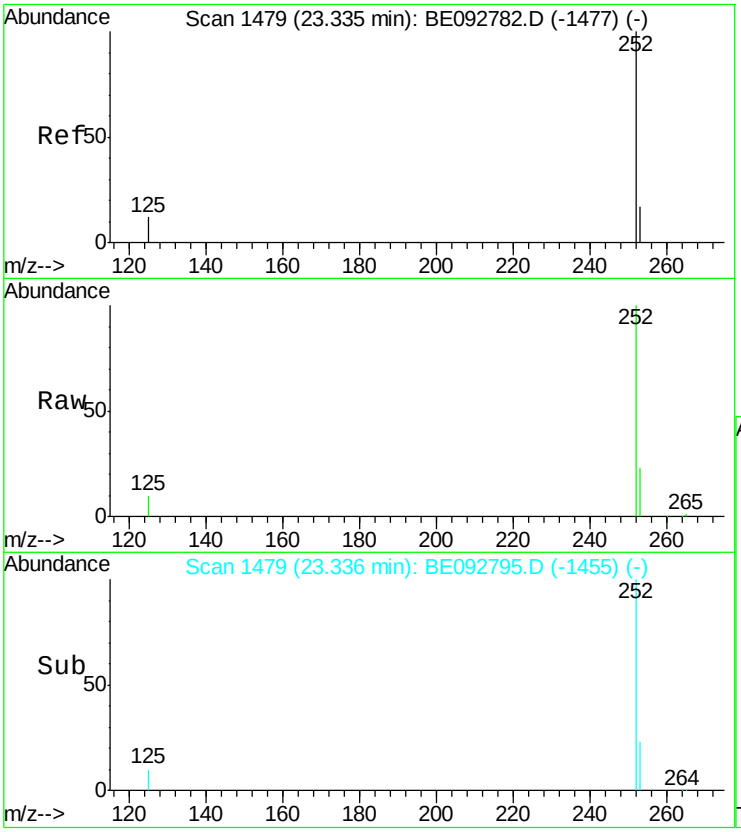


#32
Benzo(b)fluoranthene
Concen: 4.54 ng
RT: 23.29 min Scan# 1475
Delta R.T. -0.02 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Tgt Ion:252 Resp: 55798

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.7	28.1
125	10.2	10.5	15.7#



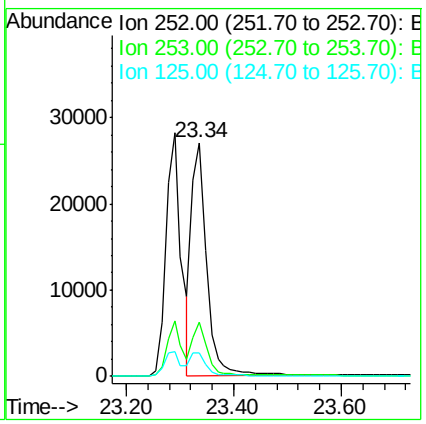


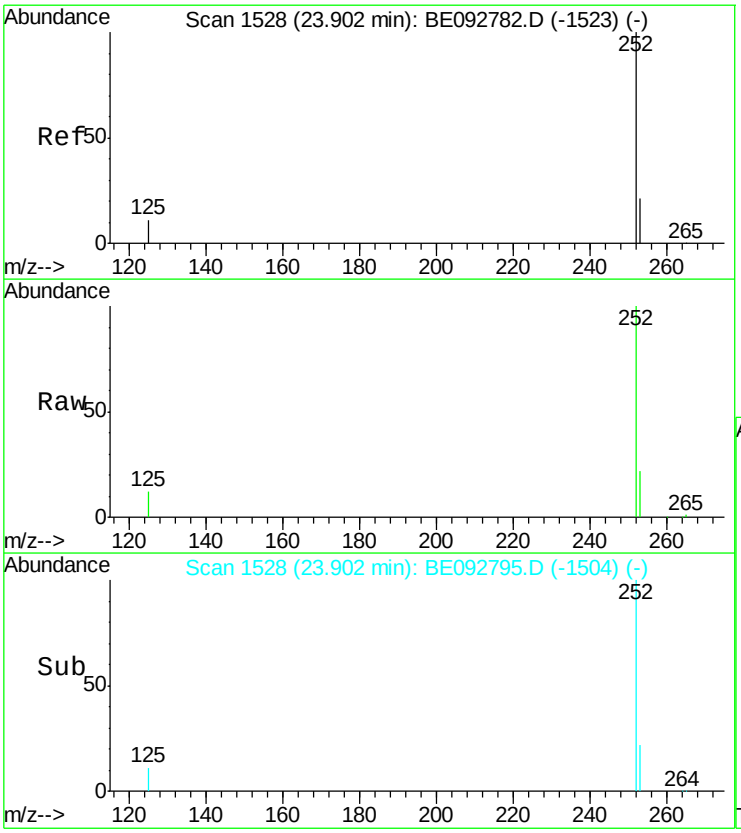
#33
Benzo(k)fluoranthene
Concen: 4.22 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.02 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Instrument :
BNA_E
ClientSampleId :
PB97375BS

Tgt Ion:252 Resp: 52183

Ion	Ratio	Lower	Upper
252	100		
253	23.0	20.3	30.5
125	10.3	9.6	14.4

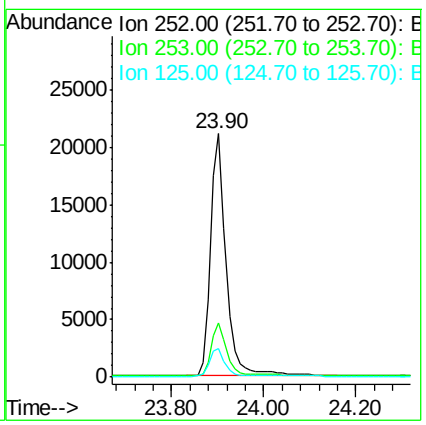


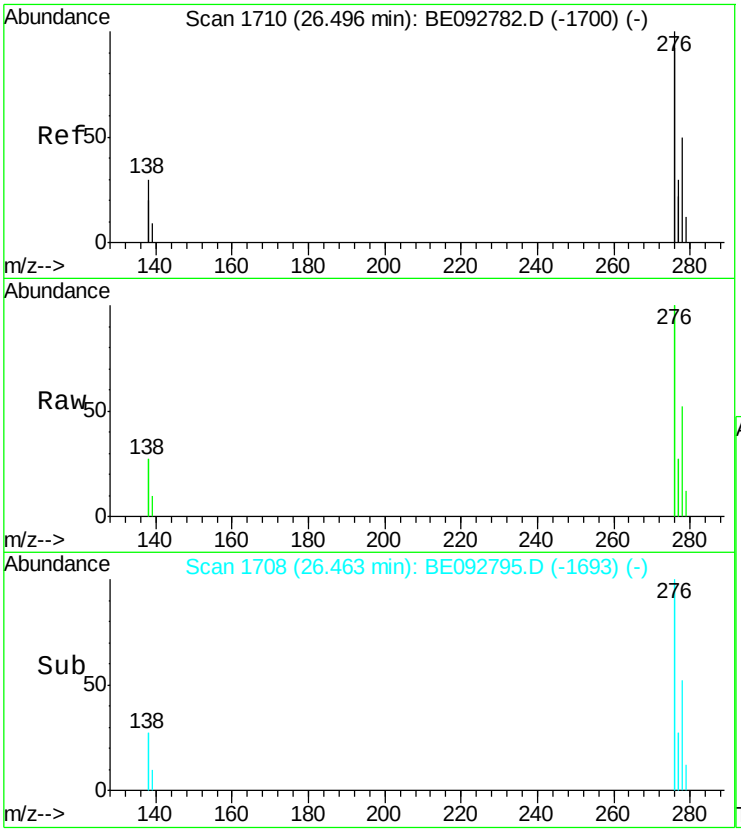


#34
Benzo(a)pyrene
Concen: 4.47 ng
RT: 23.90 min Scan# 1528
Delta R.T. -0.02 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Tgt Ion:252 Resp: 49969

Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.0	28.6
125	11.5	11.8	17.8#



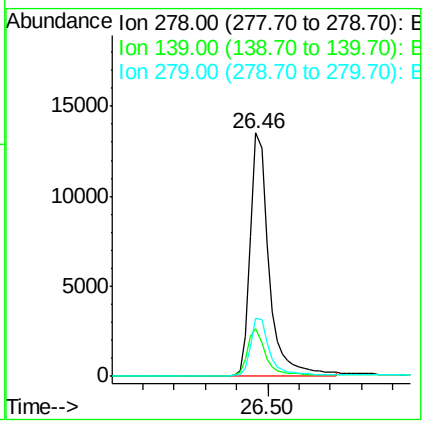


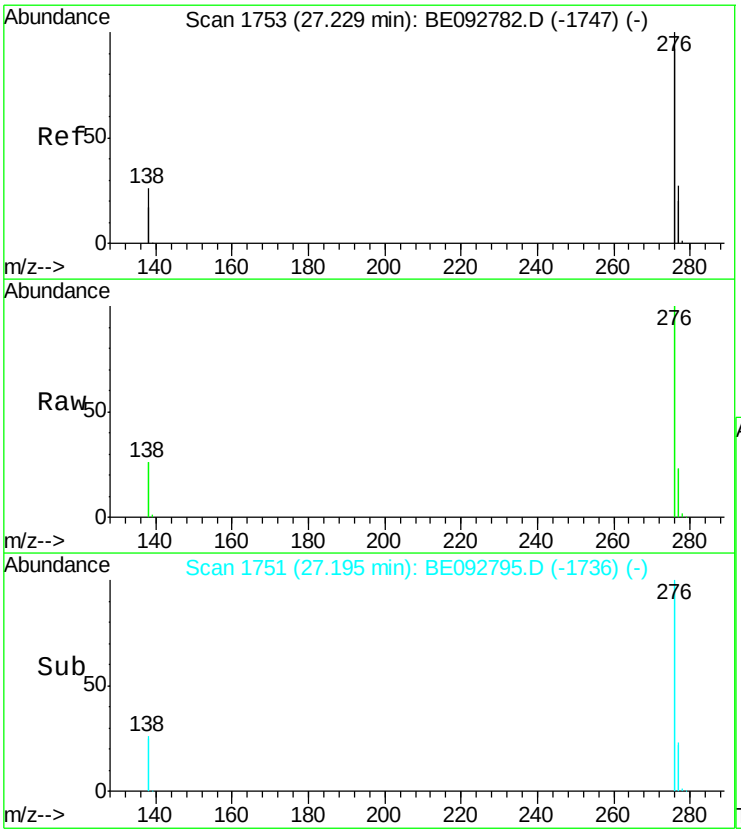
#35
Dibenzo(a,h)anthracene
Concen: 5.16 ng
RT: 26.46 min Scan# 1708
Delta R.T. -0.05 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Instrument :
BNA_E
ClientSampleId :
PB97375BS

Tgt Ion:278 Resp: 55093

Ion	Ratio	Lower	Upper
278	100		
139	19.7	13.8	20.8
279	23.7	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 4.83 ng
RT: 27.20 min Scan# 1751
Delta R.T. -0.05 min
Lab File: BE092795.D
Acq: 6 Mar 2017 20:10

Tgt Ion:276 Resp: 220448

Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.8	29.8
138	25.7	19.8	29.6