Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE030617\
Data File : BE092784.D
Acq On : 6 Mar 2017 12:45
Operator : SJ/MA
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC1.6

Quant Time: Mar 06 14:31:37 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 14:29:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	10028	5.00	ng		0.00
7) Naphthalene-d8	10.88	136	45734	5.00	ng		0.00
12) Acenaphthene-d10	14.75	164	30656	5.00	ng		0.00
18) Phenanthrene-d10	17.51	188	62601	5.00	ng		0.00
24) Chrysene-d12	21.68	240	90431	5.00	ng		0.00
31) Perylene-d12	24.01	264	74256	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.60	112	3314	1.70	ng		0.00
5) Phenol-d6	7.27	99	4184	1.75	ng		-0.02
8) Nitrobenzene-d5	9.27	82	4645	1.82	ng		-0.02
13) 2,4,6-Tribromophenol	16.25	330	1326	2.04	ng		-0.01
14) 2-Fluorobiphenyl	13.36	172	11737	1.57	ng		-0.02
26) Terphenyl-d14	20.12	244	16700	1.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	2052	1.44	ng		98
3) n-Nitrosodimethylamine	3.69	42	2748	1.85	ng		98
6) bis(2-Chloroethyl)ether	7.52	93	4691	1.77	ng		87
9) Naphthalene	10.91	128	15587	1.57	ng	#	96
10) Hexachlorobutadiene	11.20	225	2305	1.58	ng		99
11) 2-Methylnaphthalene	12.56	142	10425	1.68	ng		93
15) Acenaphthylene	14.46	152	74966	1.62	ng		100
16) Acenaphthene	14.81	154	10837	1.61	ng		90
17) Fluorene	15.80	166	14660	1.70	ng		100
19) Hexachlorobenzene	16.82	284	4294	1.78	ng	#	66
20) Pentachlorophenol	17.19	266	1272	2.39	ng		91
21) Phenanthrene	17.53	178	24255	1.63	ng	#	94
22) Anthracene	17.53	178	24255	1.77	ng		98
23) Fluoranthene	19.54	202	118743	1.86	ng		99
25) Pyrene	19.90	202	124527	1.45	ng		100
27) Benzo(a)anthracene	21.66	228	262845	3.00	ng		98
28) Chrysene	21.66	228	263921	2.54	ng	#	80
29) Bis(2-ethylhexyl)phthalate	21.59	149	9969	0.82	ng	#	69
30) Indeno(1,2,3-cd)pyrene	26.45	276	134369	1.15	ng		97
32) Benzo(b)fluoranthene	23.29	252	32415	1.54	ng	#	97
33) Benzo(k)fluoranthene	23.34	252	31224	1.41	ng		95
34) Benzo(a)pyrene	23.90	252	29033	1.52	ng	#	96
35) Dibenzo(a,h)anthracene	26.48	278	28118	1.40	ng		96
36) Benzo(g,h,i)perylene	27.21	276	117018	1.38	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE030617\
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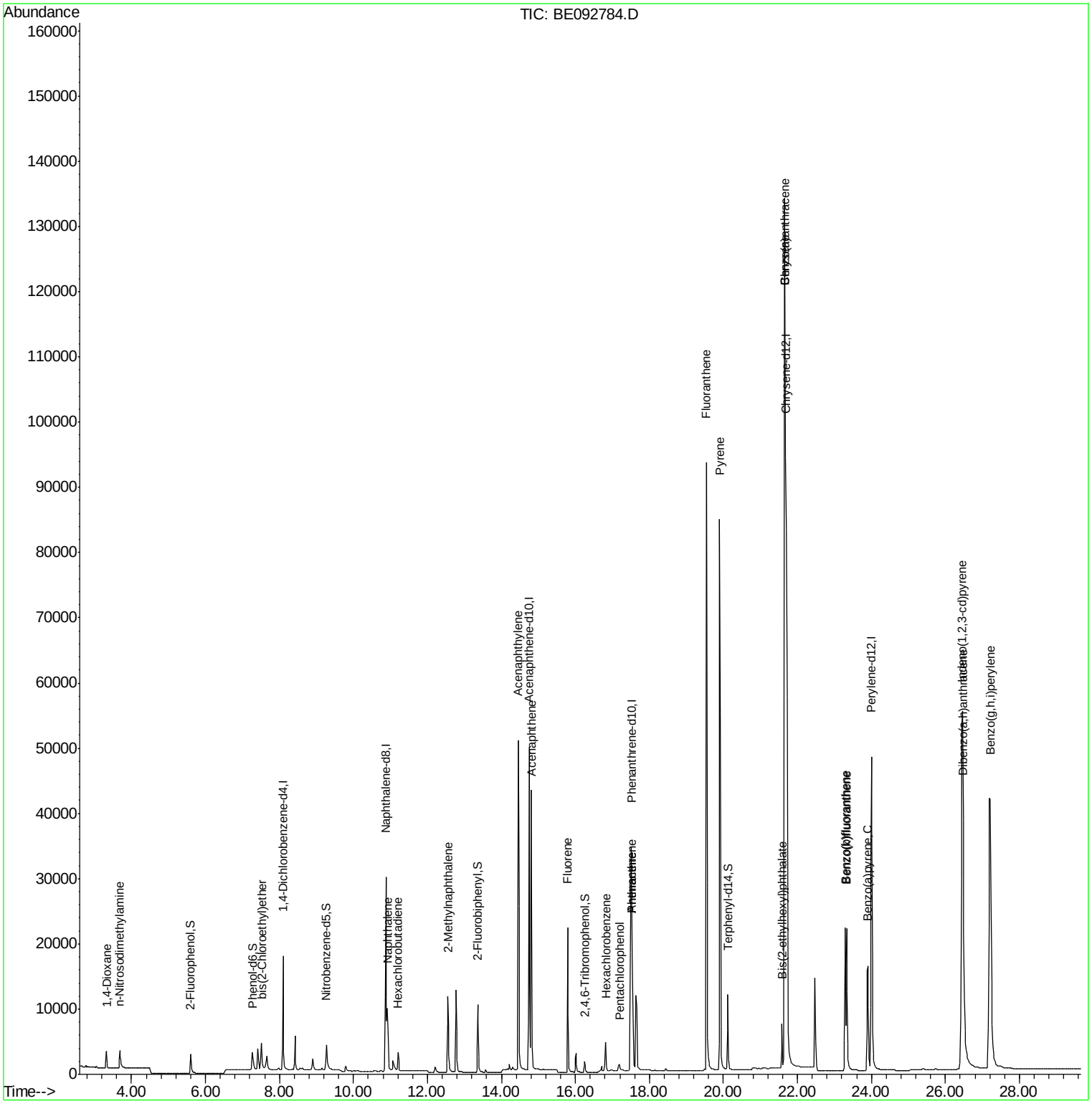
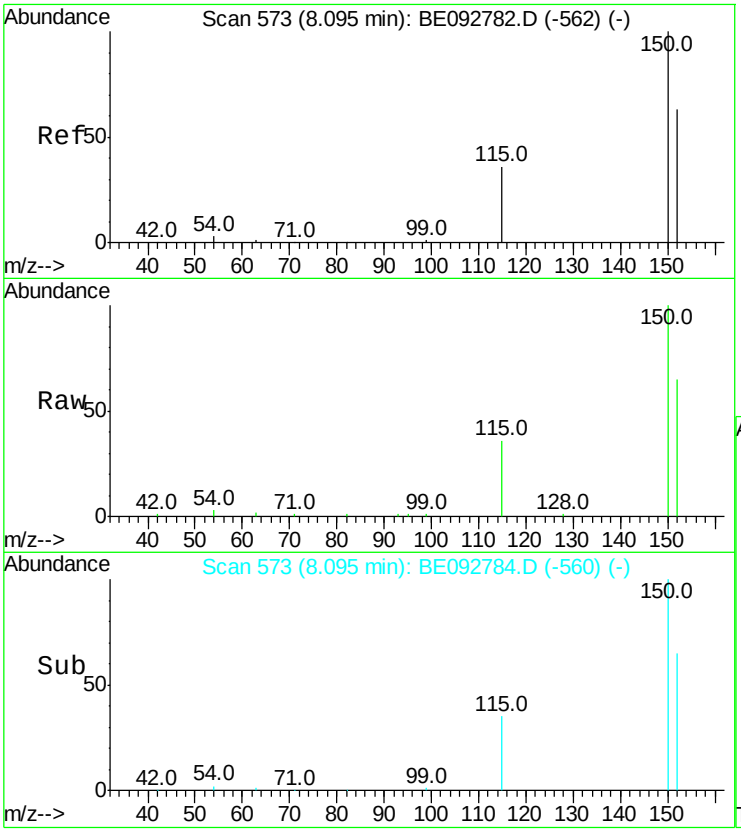
Acq On : 6 Mar 2017 12:45
Operator : SJ/MA
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Quant Time: Mar 06 14:31:37 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 14:29:53 2017
Response via : Initial Calibration



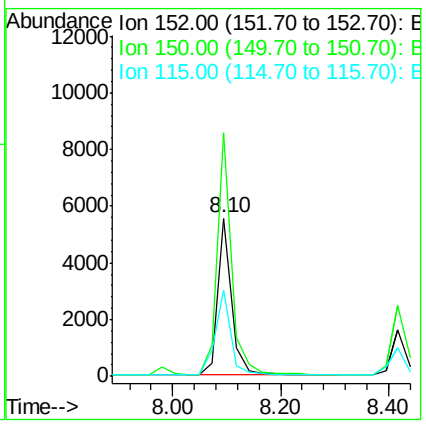


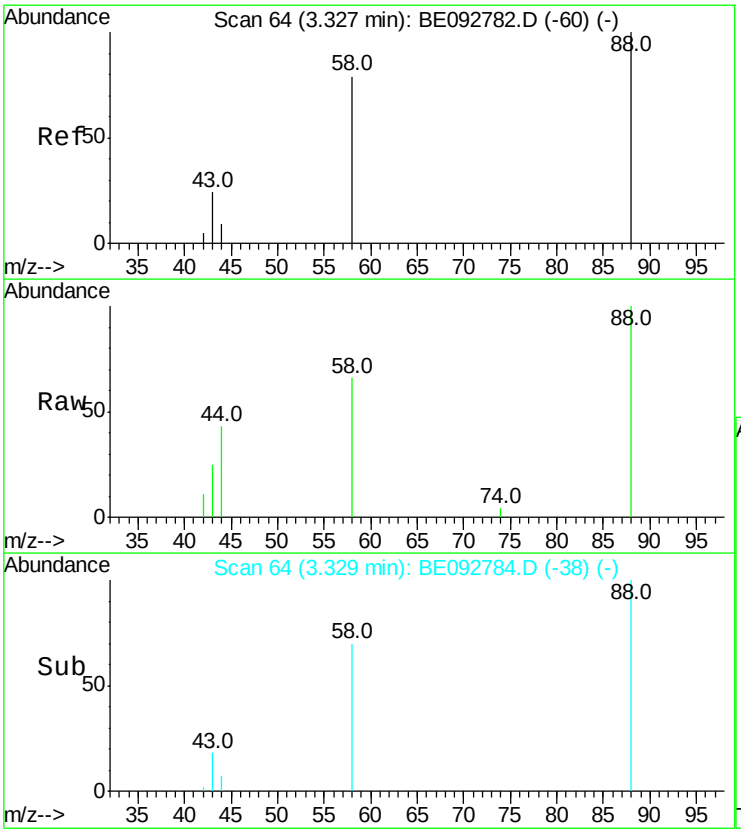
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.10 min Scan# 573
Delta R.T. -0.00 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 10028

Ion	Ratio	Lower	Upper
152	100		
150	153.9	106.0	159.0
115	54.8	31.2	46.8#

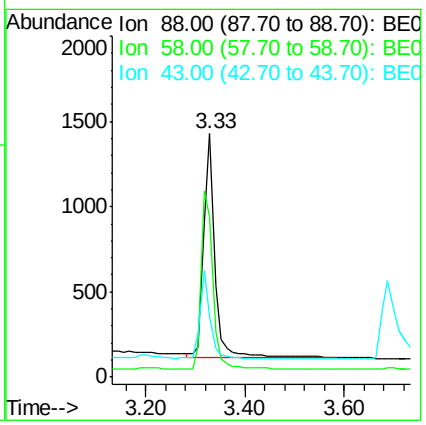


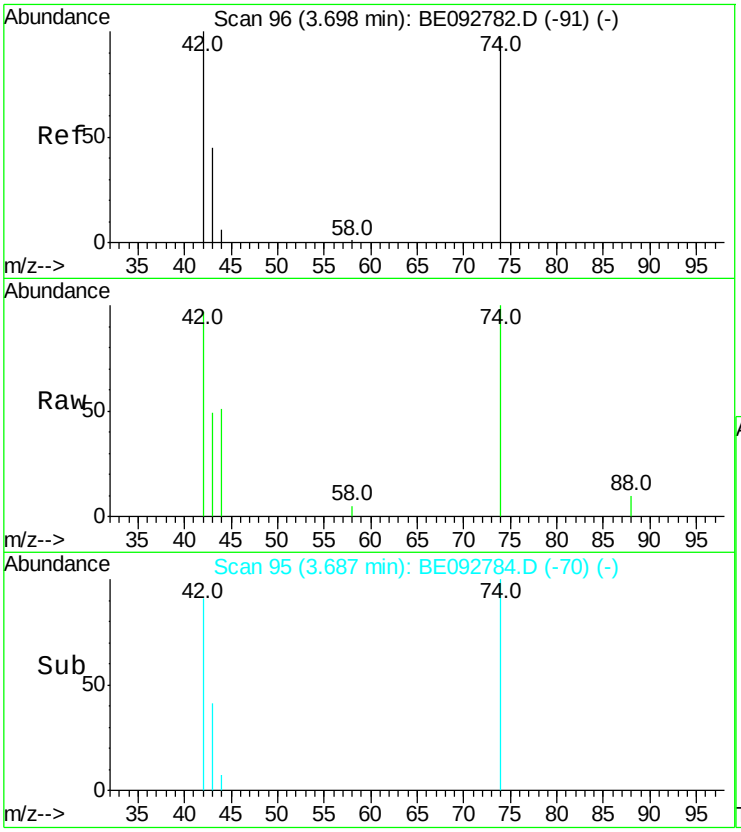


#2
1,4-Dioxane
Concen: 1.44 ng
RT: 3.33 min Scan# 64
Delta R.T. 0.00 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Tgt Ion: 88 Resp: 2052

Ion	Ratio	Lower	Upper
88	100		
58	81.5	63.6	95.4
43	35.8	28.0	42.0



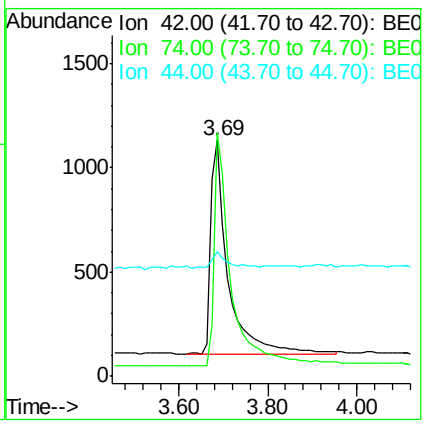


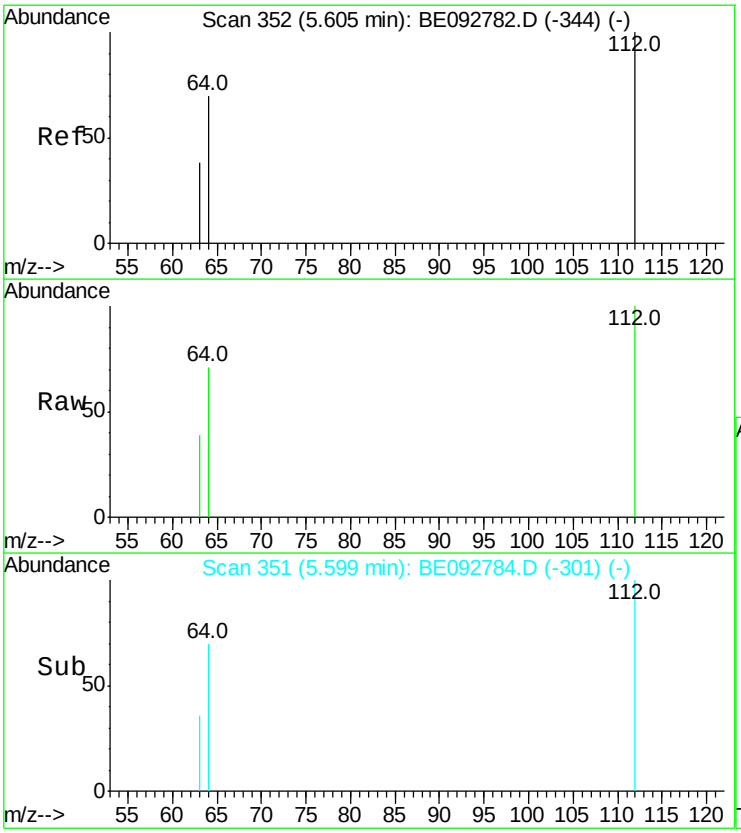
#3
n-Nitrosodimethylamine
Concen: 1.85 ng
RT: 3.69 min Scan# 95
Delta R.T. -0.01 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 2748

Ion	Ratio	Lower	Upper
42	100		
74	105.5	86.0	129.0
44	6.0	5.1	7.7

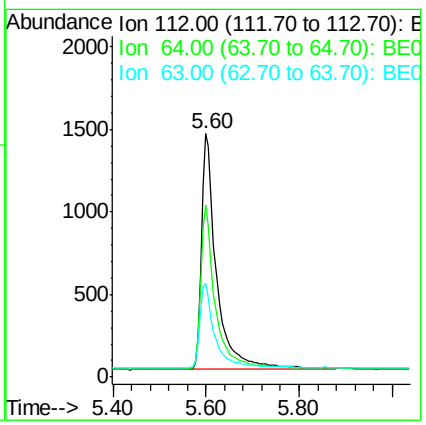


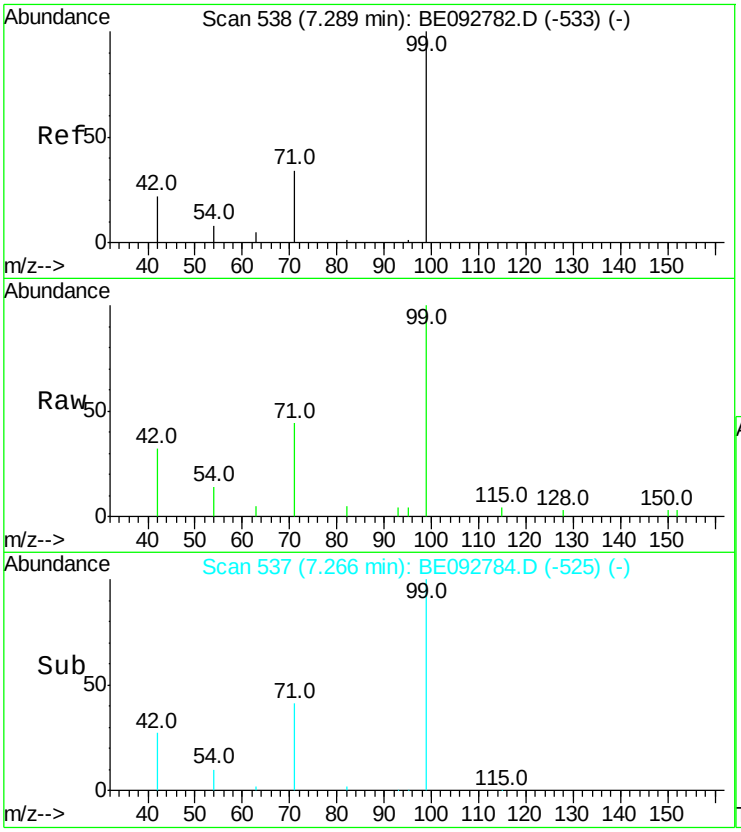


#4
2-Fluorophenol
Concen: 1.70 ng
RT: 5.60 min Scan# 351
Delta R.T. -0.01 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Tgt Ion:112 Resp: 3314

Ion	Ratio	Lower	Upper
112	100		
64	68.0	53.5	80.3
63	35.2	27.9	41.9



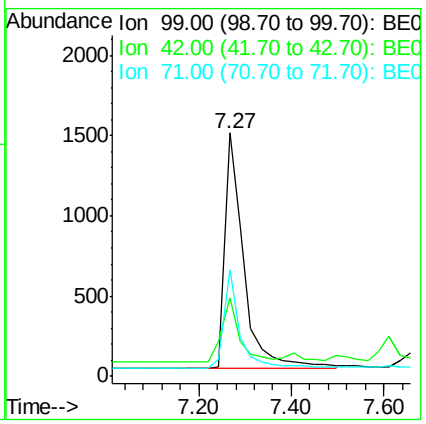


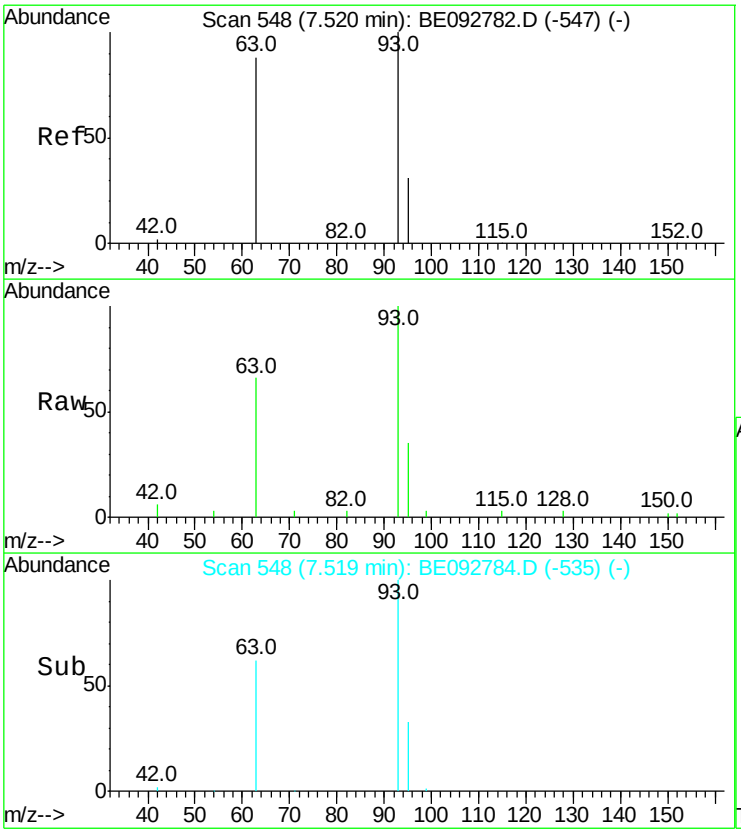
#5
Phenol-d6
Concen: 1.75 ng
RT: 7.27 min Scan# 537
Delta R.T. -0.02 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 4184

Ion	Ratio	Lower	Upper
99	100		
42	24.7	16.0	24.0#
71	35.3	30.6	45.8

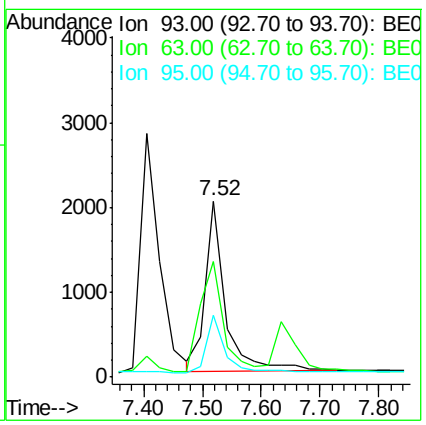


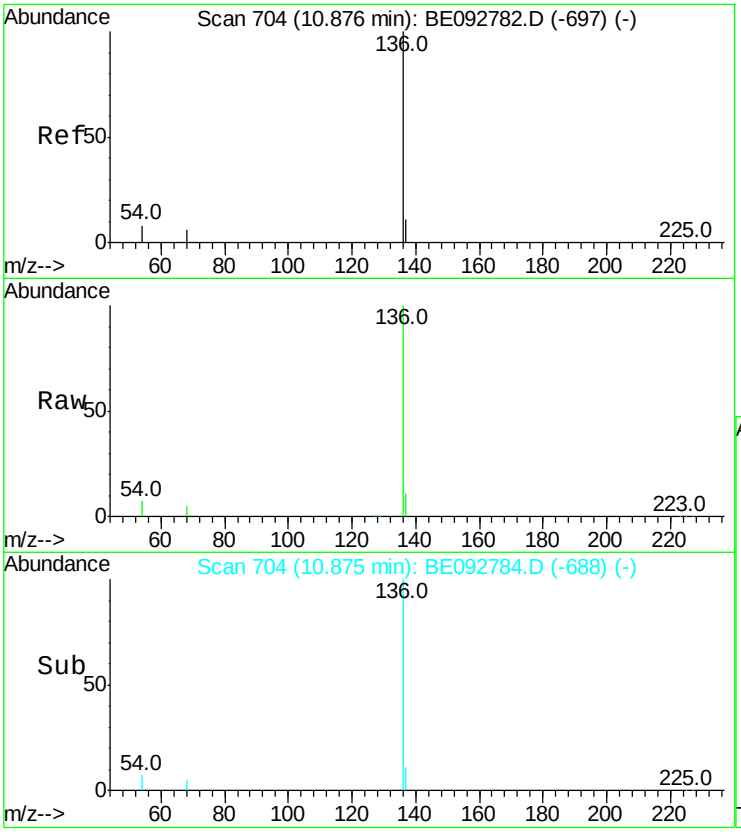


#6
bis(2-Chloroethyl)ether
Concen: 1.77 ng
RT: 7.52 min Scan# 548
Delta R.T. -0.00 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Tgt Ion: 93 Resp: 4691

Ion	Ratio	Lower	Upper
93	100		
63	74.6	71.6	107.4
95	31.8	24.0	36.0



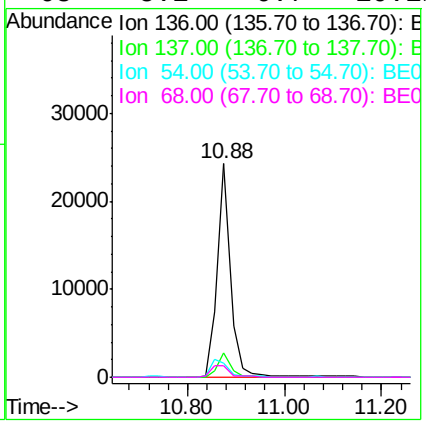


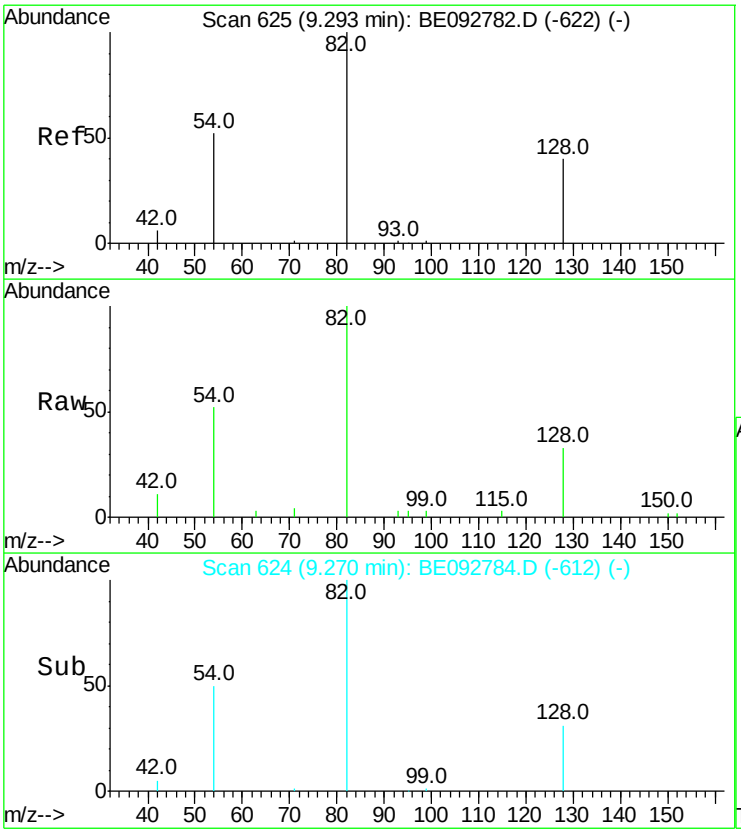
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.88 min Scan# 704
Delta R.T. -0.00 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 45734

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.4
54	6.8	9.6	14.4#
68	5.1	6.7	10.1#

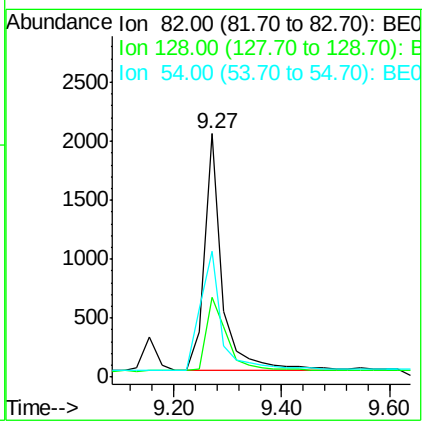


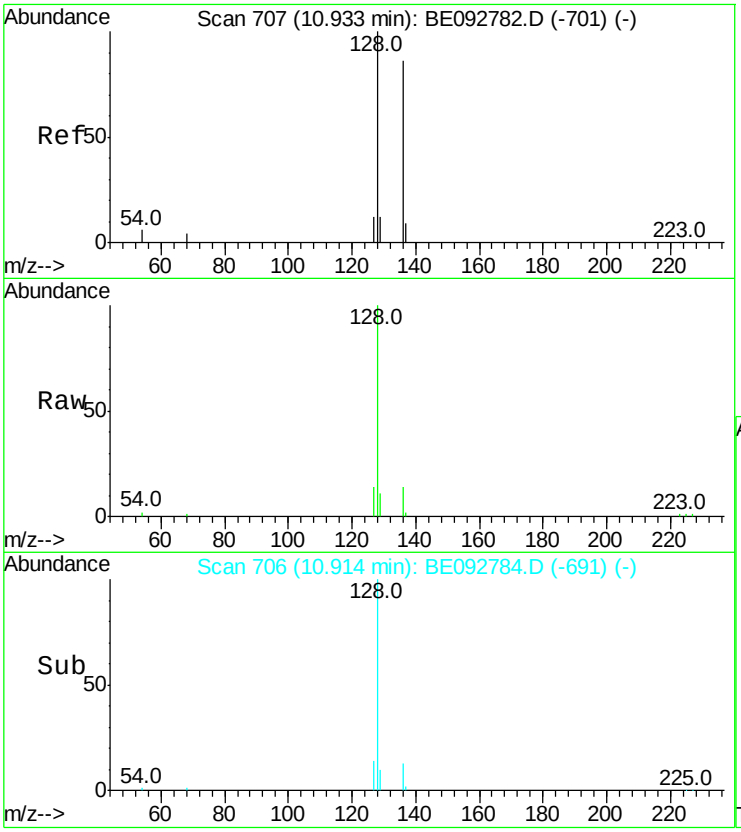


#8
Nitrobenzene-d5
Concen: 1.82 ng
RT: 9.27 min Scan# 624
Delta R.T. -0.02 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Tgt Ion: 82 Resp: 4645

Ion	Ratio	Lower	Upper
82	100		
128	32.6	39.0	58.4#
54	51.6	44.8	67.2



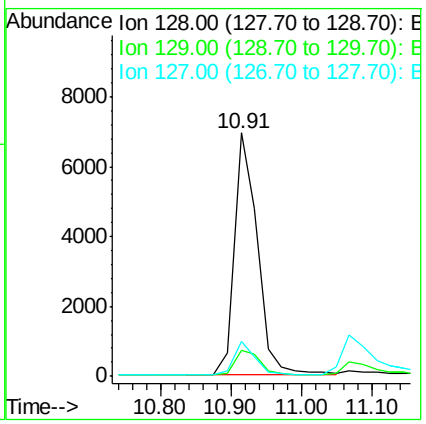


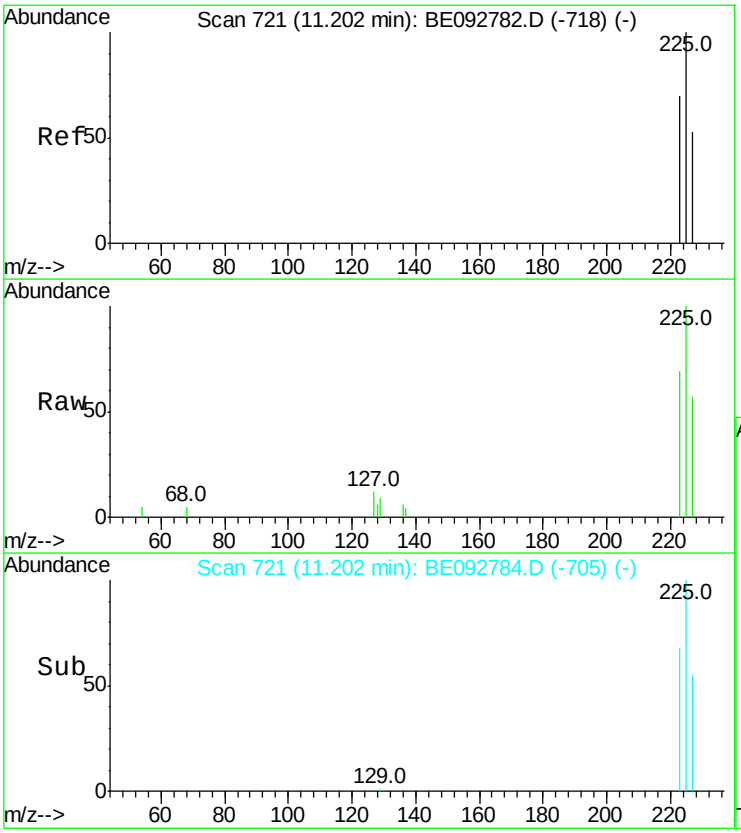
#9
Naphthalene
Concen: 1.57 ng
RT: 10.91 min Scan# 706
Delta R.T. -0.02 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 15587

Ion	Ratio	Lower	Upper
128	100		
129	10.7	11.2	16.8#
127	14.5	11.6	17.4

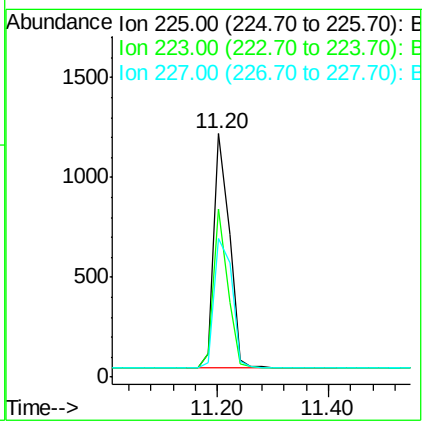


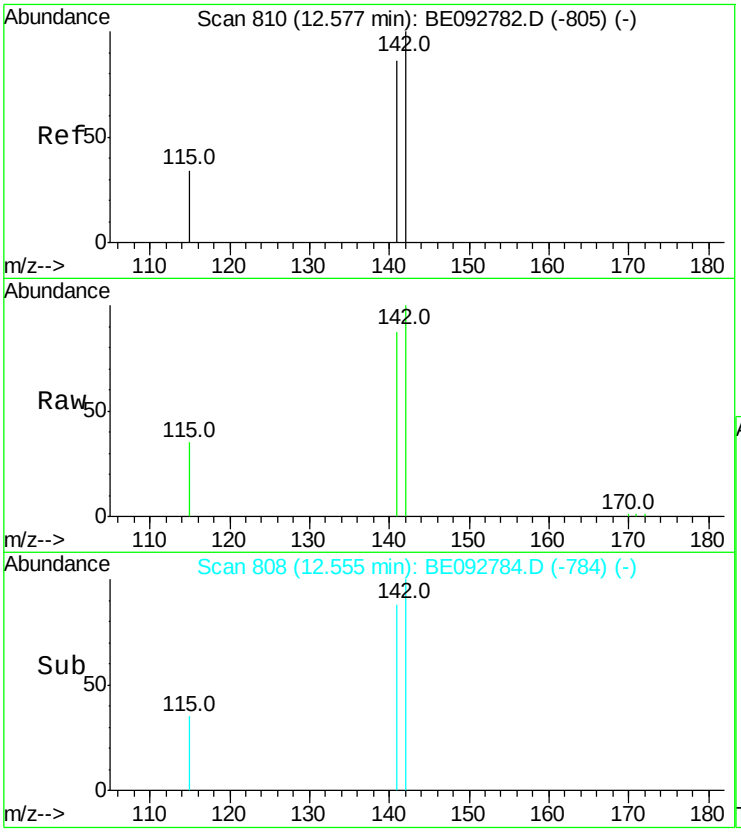


#10
Hexachlorobutadiene
Concen: 1.58 ng
RT: 11.20 min Scan# 721
Delta R.T. -0.00 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Tgt Ion:225 Resp: 2305

Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.6	76.0
227	63.4	51.4	77.0



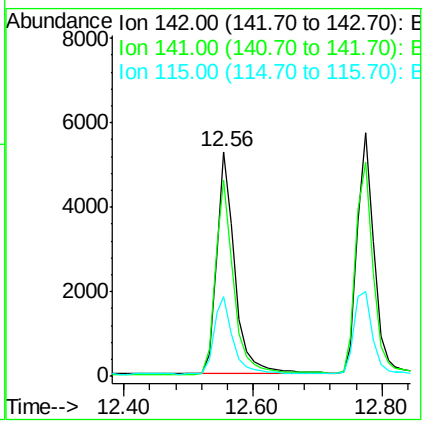


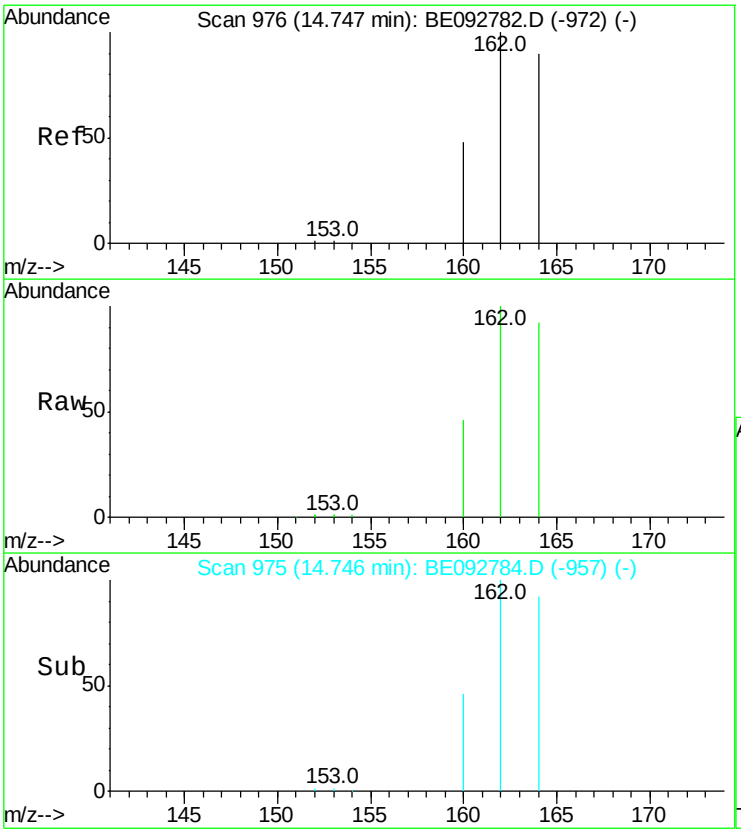
#11
2-Methylnaphthalene
Concen: 1.68 ng
RT: 12.56 min Scan# 808
Delta R.T. -0.02 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:142 Resp: 10425

Ion	Ratio	Lower	Upper
142	100		
141	87.2	73.7	110.5
115	35.3	34.0	51.0

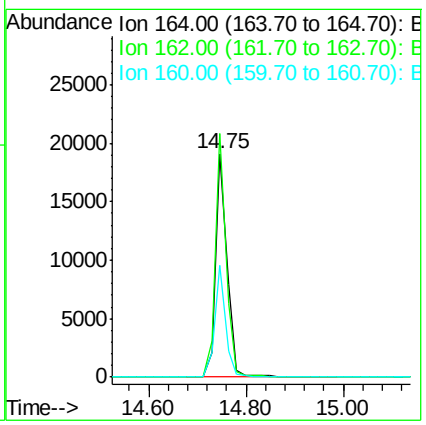


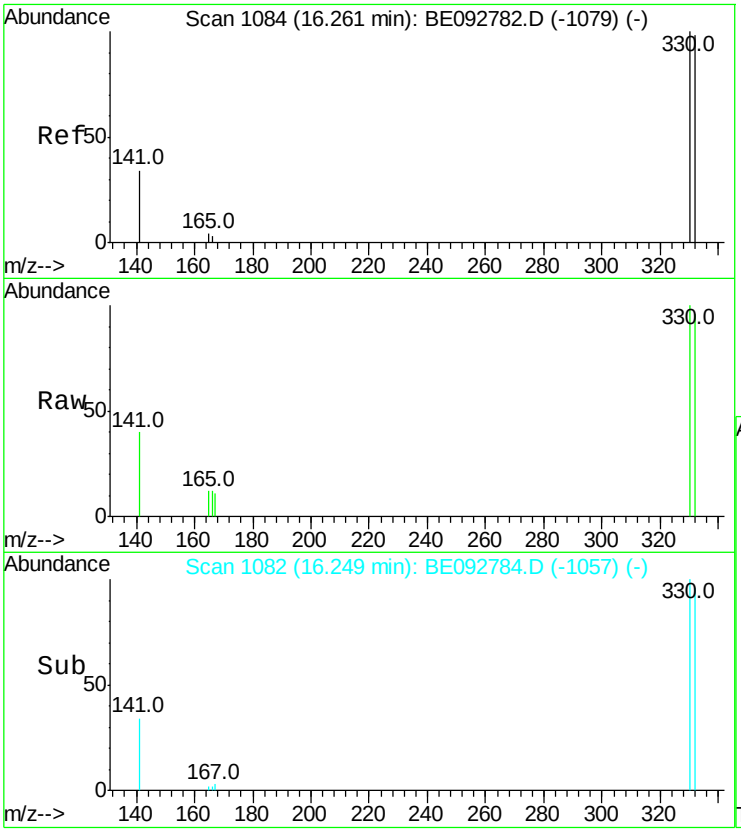


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.75 min Scan# 975
Delta R.T. -0.00 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Tgt Ion:164 Resp: 30656

Ion	Ratio	Lower	Upper
164	100		
162	108.8	71.4	107.0#
160	50.2	27.4	41.2#



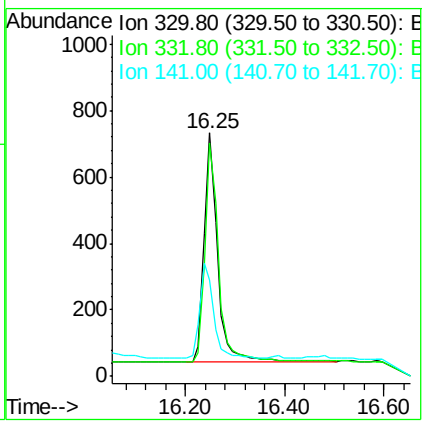


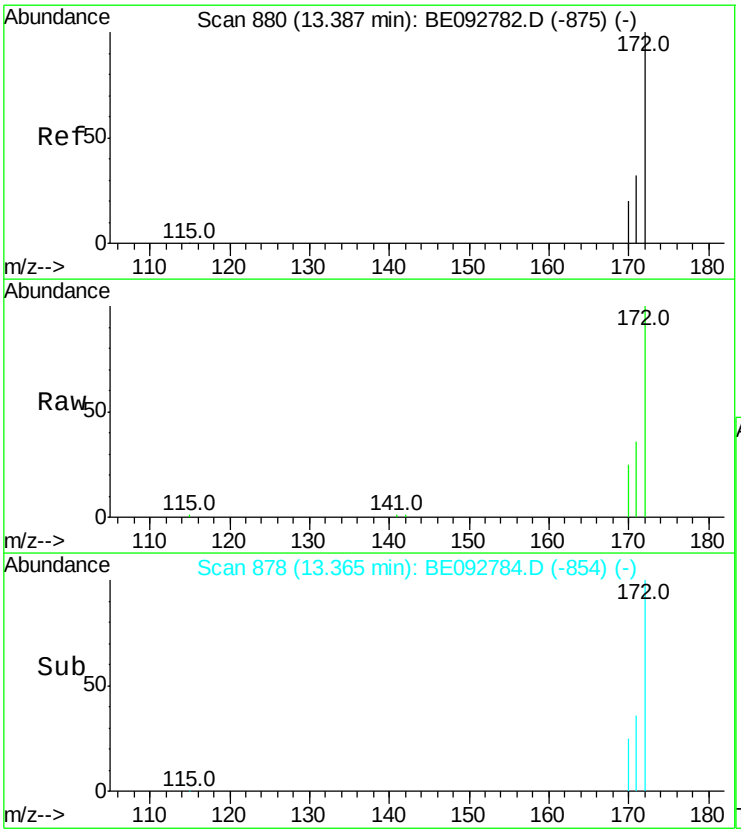
#13
2,4,6-Tribromophenol
Concen: 2.04 ng
RT: 16.25 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:330 Resp: 1326

Ion	Ratio	Lower	Upper
330	100		
332	97.4	75.4	113.0
141	41.6	31.0	46.6

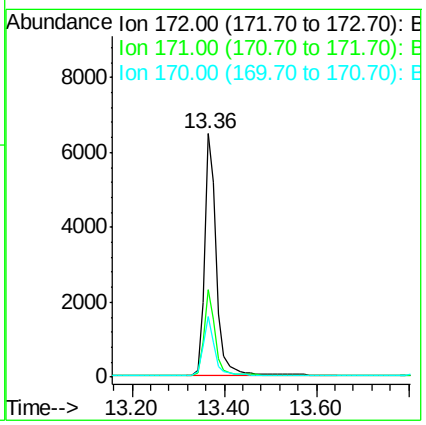


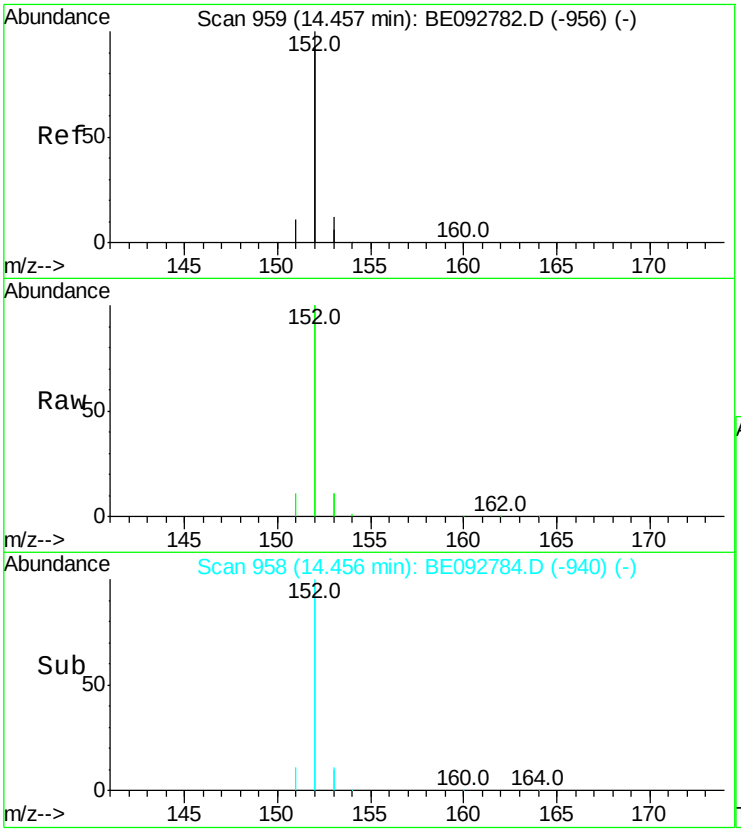


#14
2-Fluorobiphenyl
Concen: 1.57 ng
RT: 13.36 min Scan# 878
Delta R.T. -0.02 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Tgt Ion:172 Resp: 11737

Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.1	45.1
170	25.1	21.8	32.6



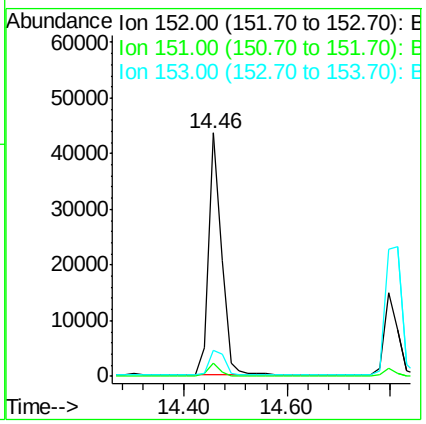


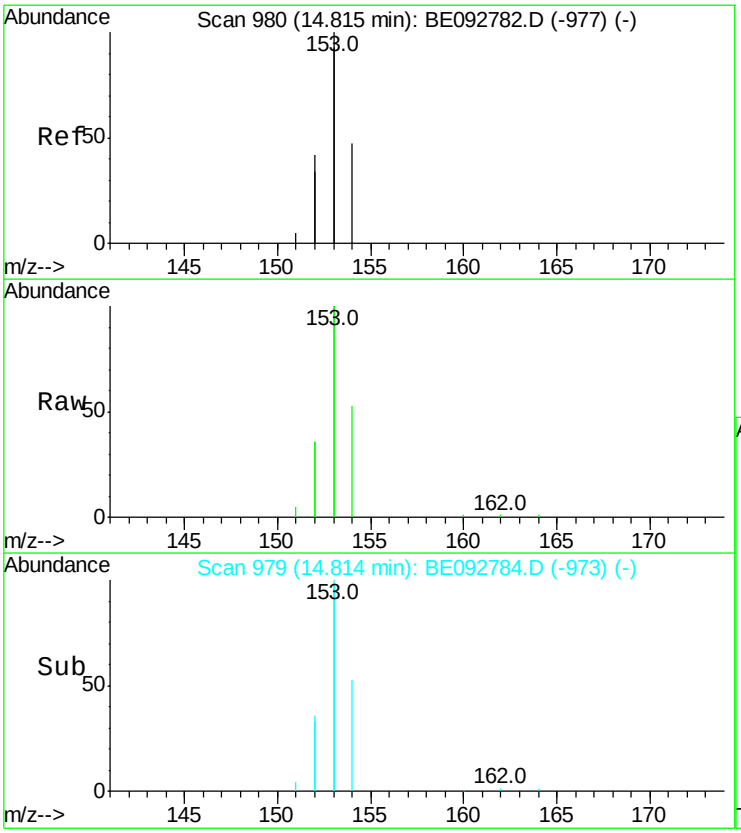
#15
Acenaphthylene
Concen: 1.62 ng
RT: 14.46 min Scan# 958
Delta R.T. -0.00 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 74966

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	12.8	10.4	15.6

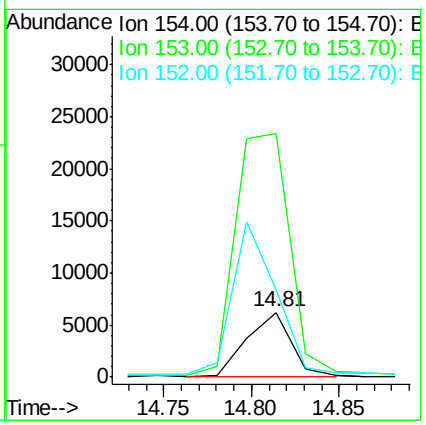


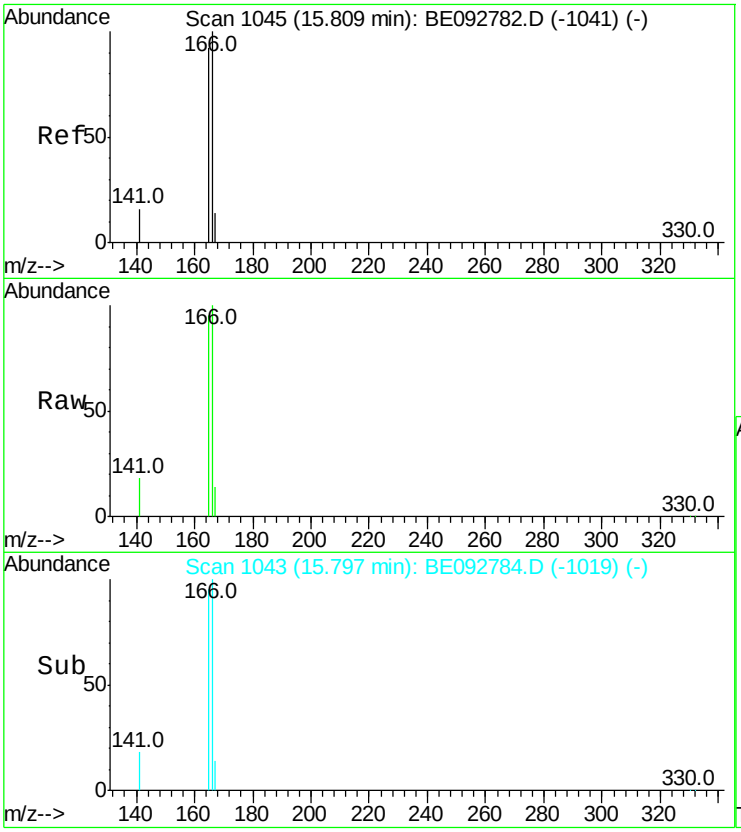


#16
Acenaphthene
Concen: 1.61 ng
RT: 14.81 min Scan# 979
Delta R.T. -0.00 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Tgt Ion:154 Resp: 10837

Ion	Ratio	Lower	Upper
154	100		
153	461.9	350.8	526.2
152	232.4	171.1	256.7



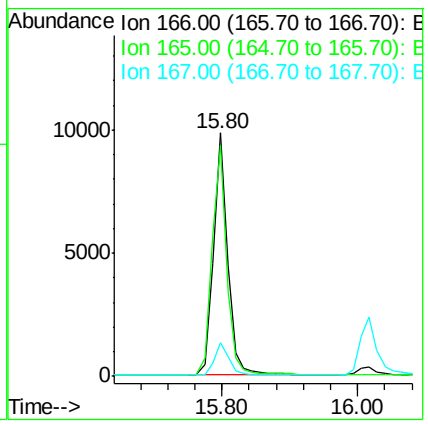


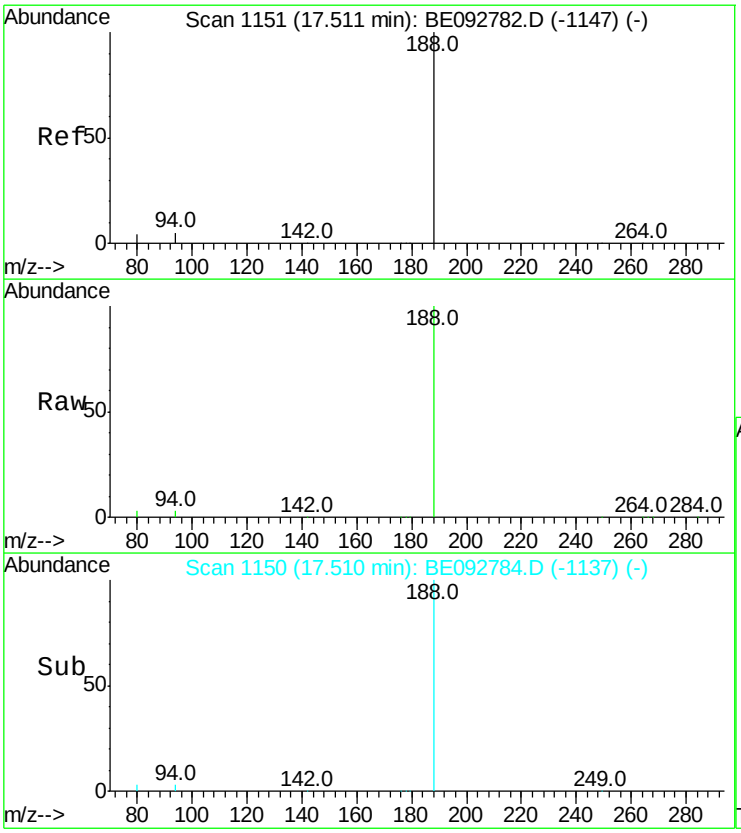
#17
Fluorene
Concen: 1.70 ng
RT: 15.80 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:166 Resp: 14660

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.2	117.4
167	13.3	11.0	16.4

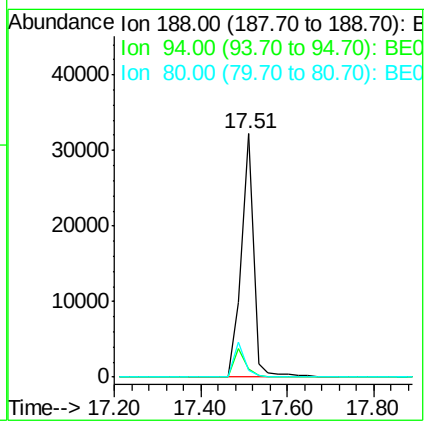


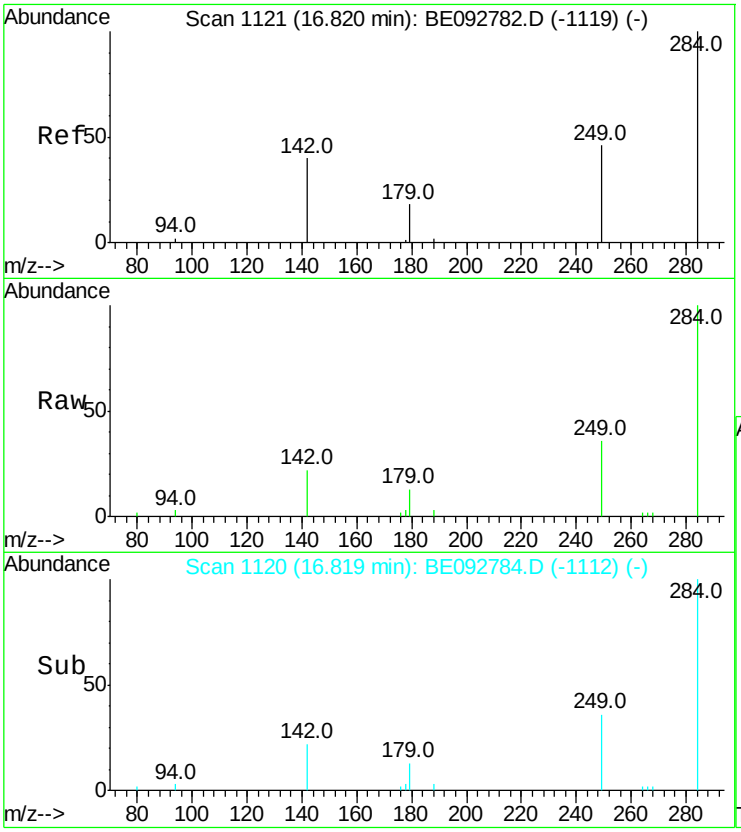


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.51 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Tgt Ion:188 Resp: 62601

Ion	Ratio	Lower	Upper
188	100		
94	3.4	3.2	4.8
80	2.8	2.6	3.8



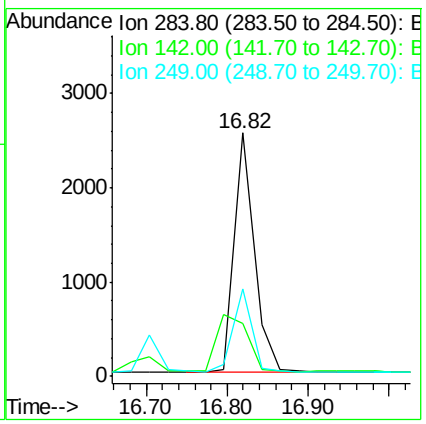


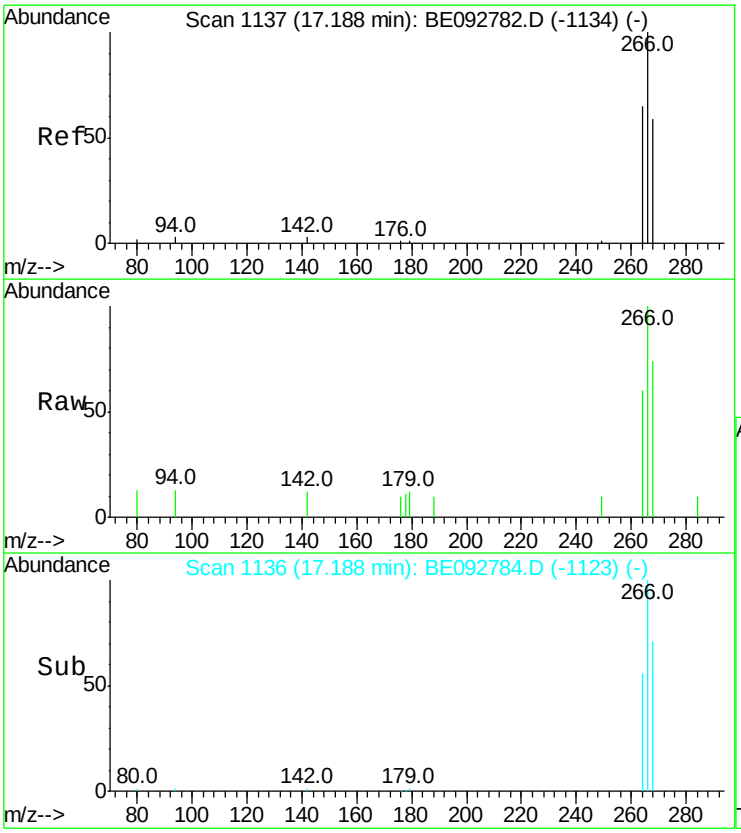
#19
Hexachlorobenzene
Concen: 1.78 ng
RT: 16.82 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:284 Resp: 4294

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	32.1	27.9	41.9

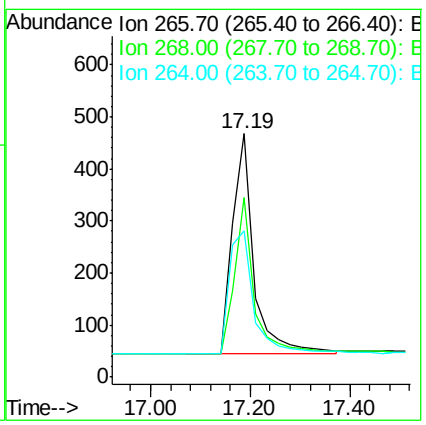


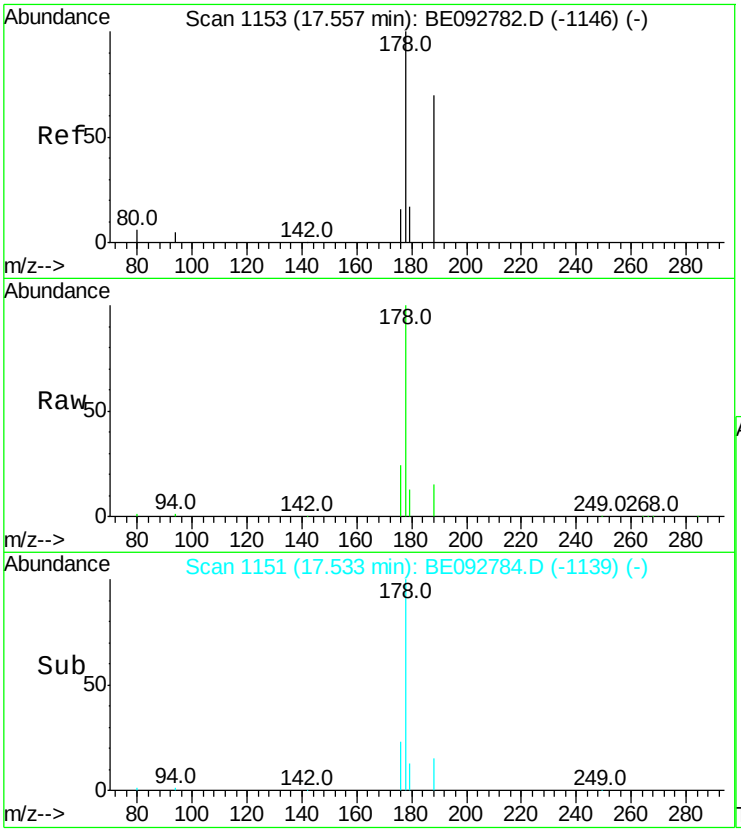


#20
Pentachlorophenol
Concen: 2.39 ng
RT: 17.19 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Tgt Ion:266 Resp: 1272

Ion	Ratio	Lower	Upper
266	100		
268	73.9	62.5	93.7
264	59.8	57.2	85.8



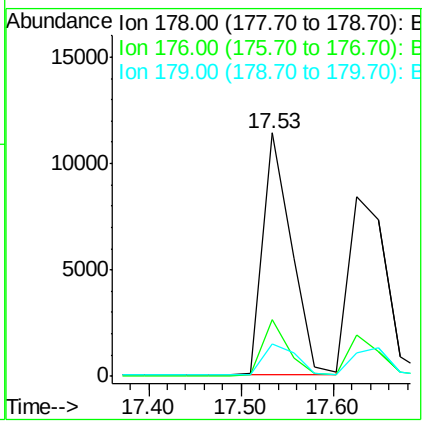


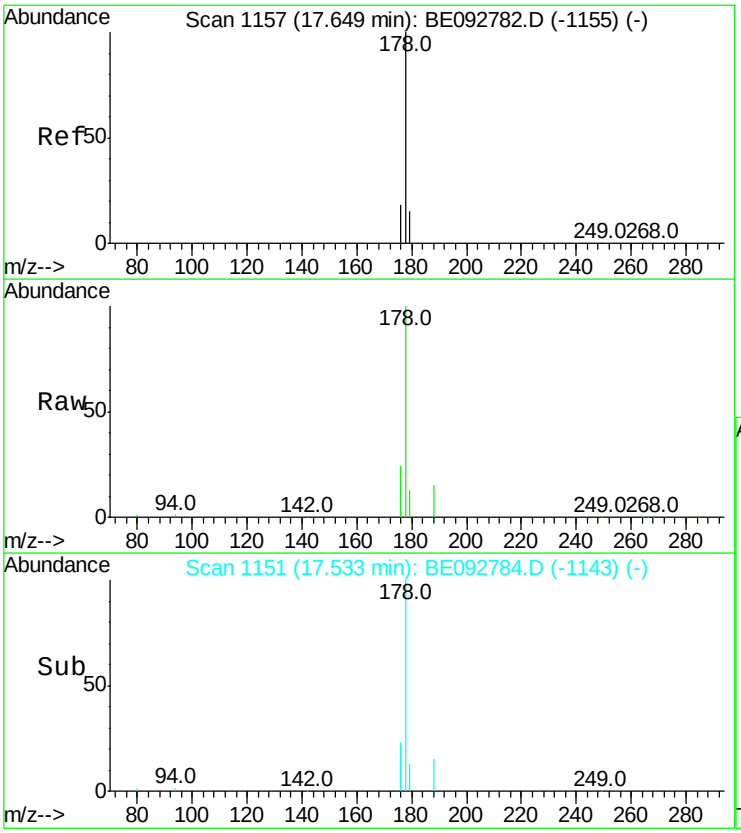
#21
Phenanthrene
Concen: 1.63 ng
RT: 17.53 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 24255

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.8
179	15.0	16.0	24.0#

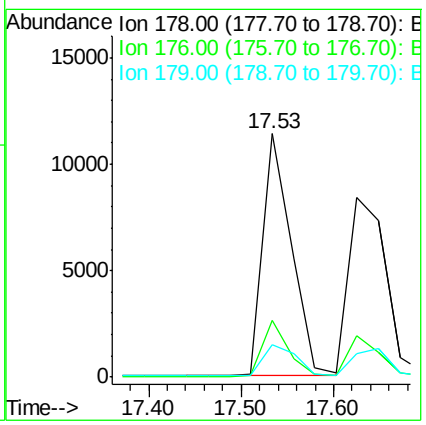


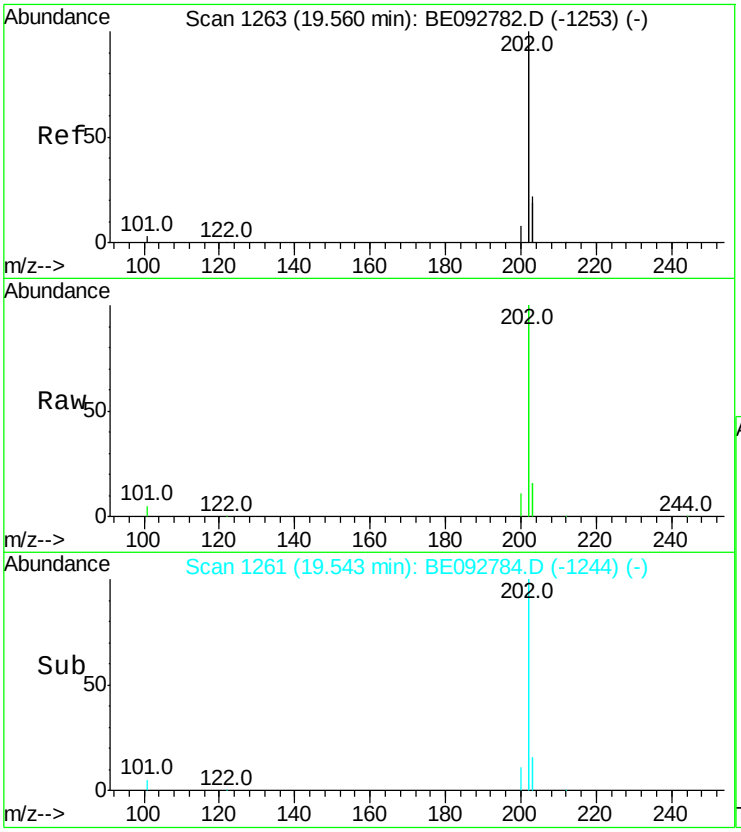


#22
Anthracene
Concen: 1.77 ng
RT: 17.53 min Scan# 1151
Delta R.T. -0.12 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Tgt Ion:178 Resp: 24255

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.0	22.4
179	15.0	12.2	18.2



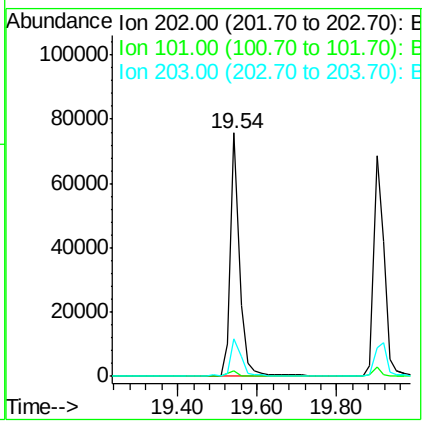


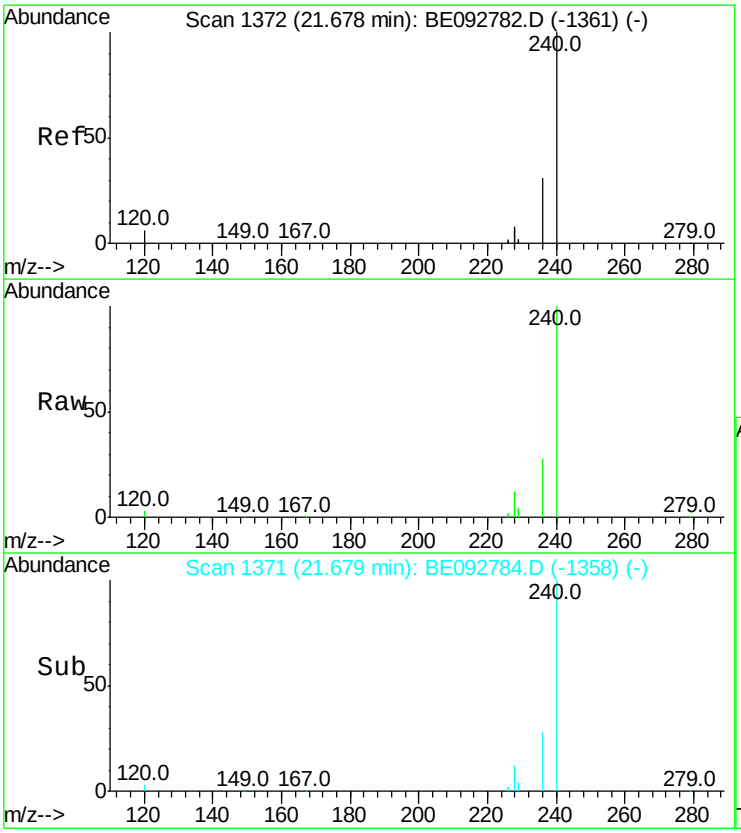
#23
Fluoranthene
Concen: 1.86 ng
RT: 19.54 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:202 Resp: 118743

Ion	Ratio	Lower	Upper
202	100		
101	2.9	2.2	3.4
203	17.4	13.7	20.5

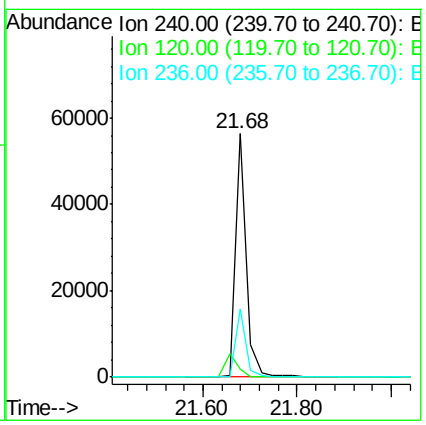


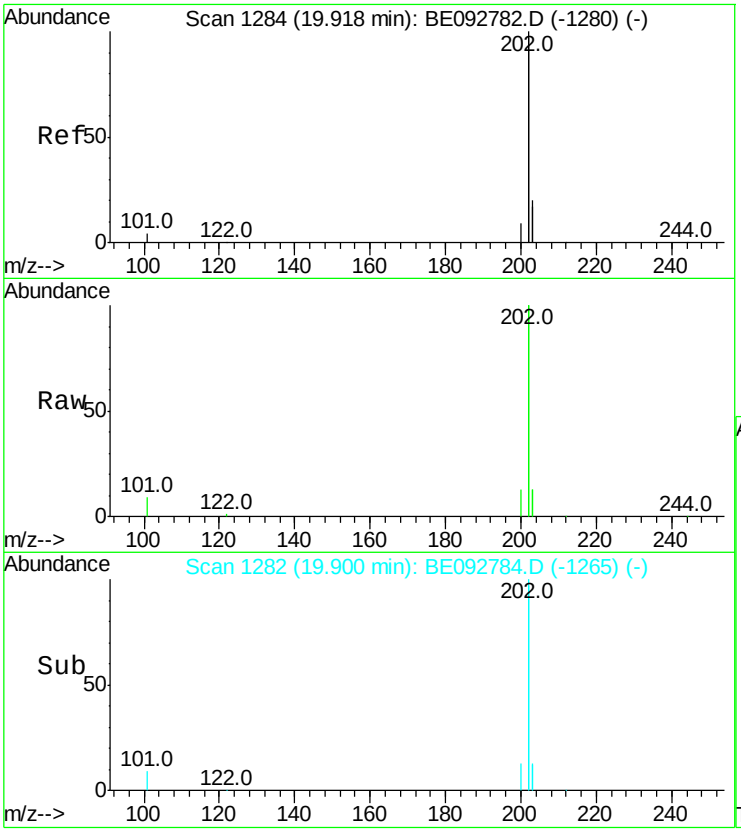


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.68 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Tgt Ion:240 Resp: 90431

Ion	Ratio	Lower	Upper
240	100		
120	3.2	2.6	4.0
236	28.3	24.6	37.0



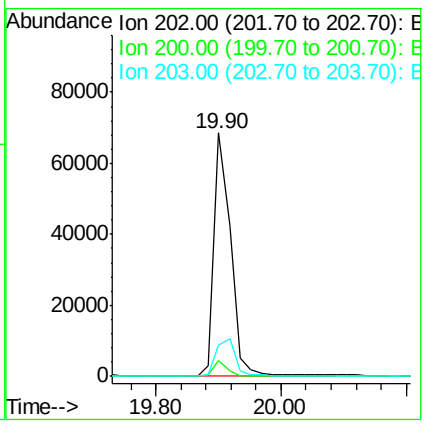


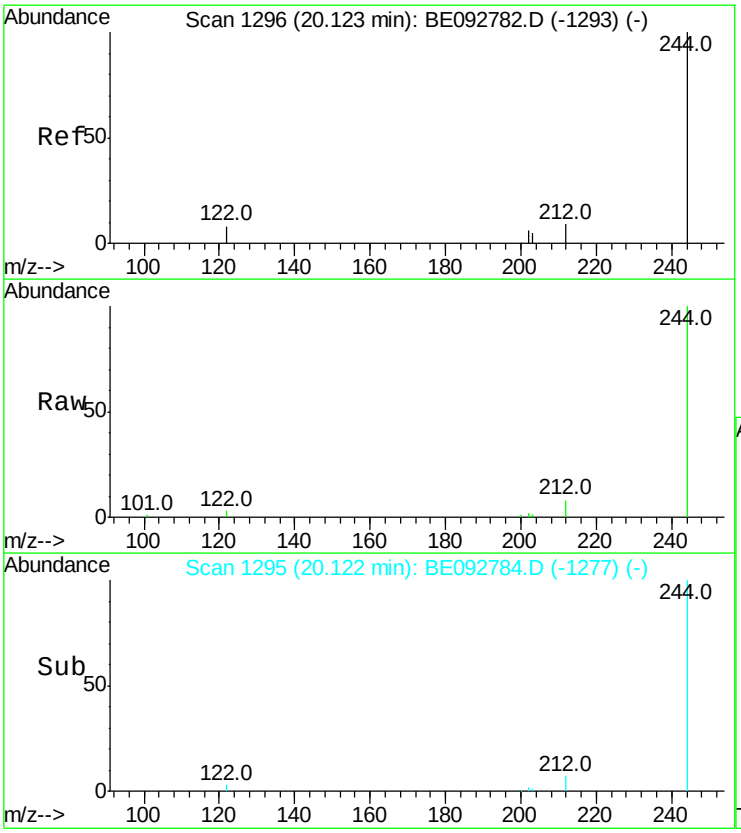
#25
Pyrene
Concen: 1.45 ng
RT: 19.90 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:202 Resp: 124527

Ion	Ratio	Lower	Upper
202	100		
200	5.5	4.2	6.4
203	17.5	13.9	20.9

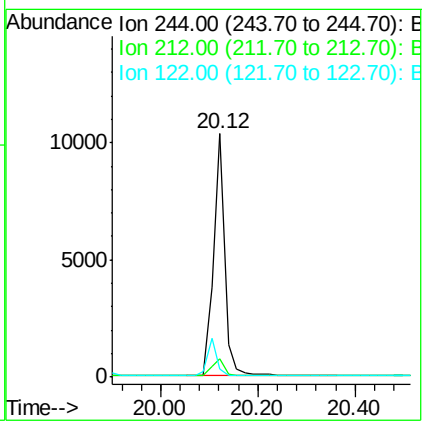


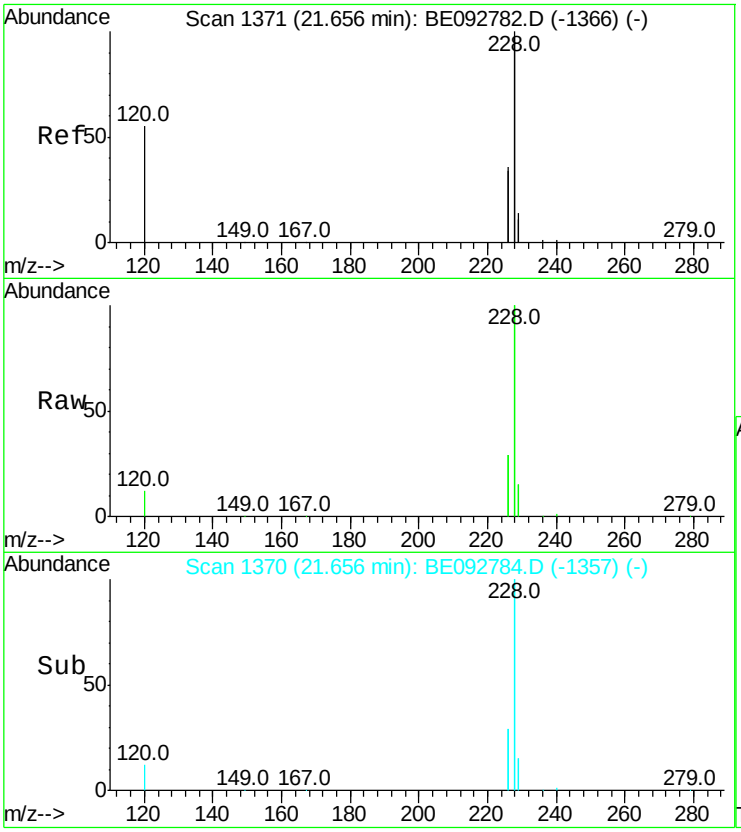


#26
Terphenyl-d14
Concen: 1.45 ng
RT: 20.12 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Tgt Ion:244 Resp: 16700

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.7	10.1
122	3.5	3.6	5.4#



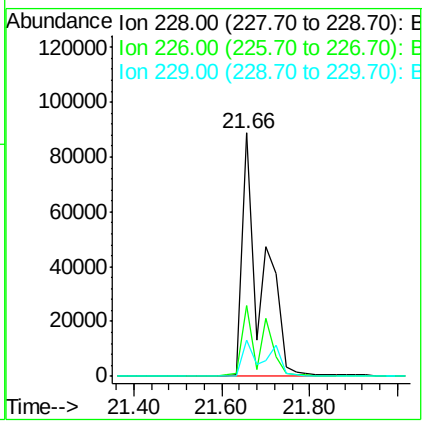


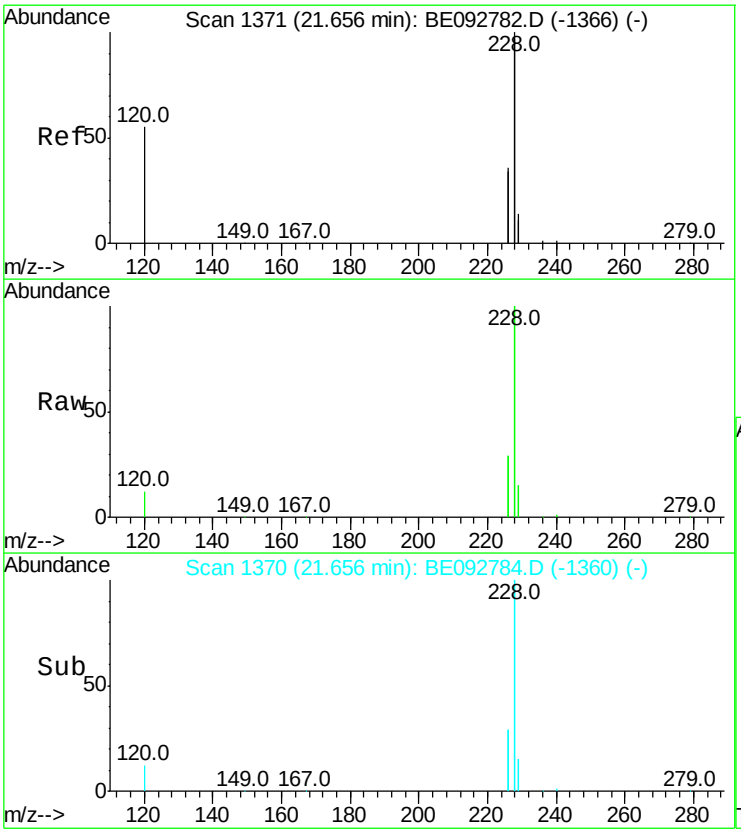
#27
Benzo(a)anthracene
Concen: 3.00 ng
RT: 21.66 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 262845

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.6	35.4
229	15.0	13.3	19.9

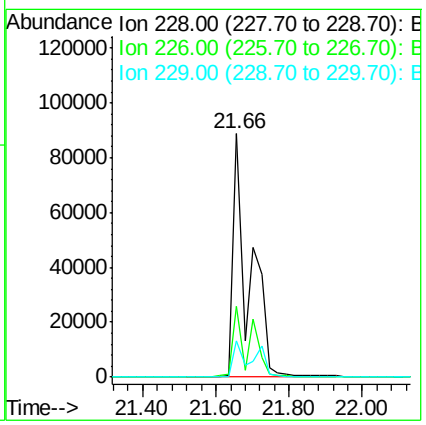


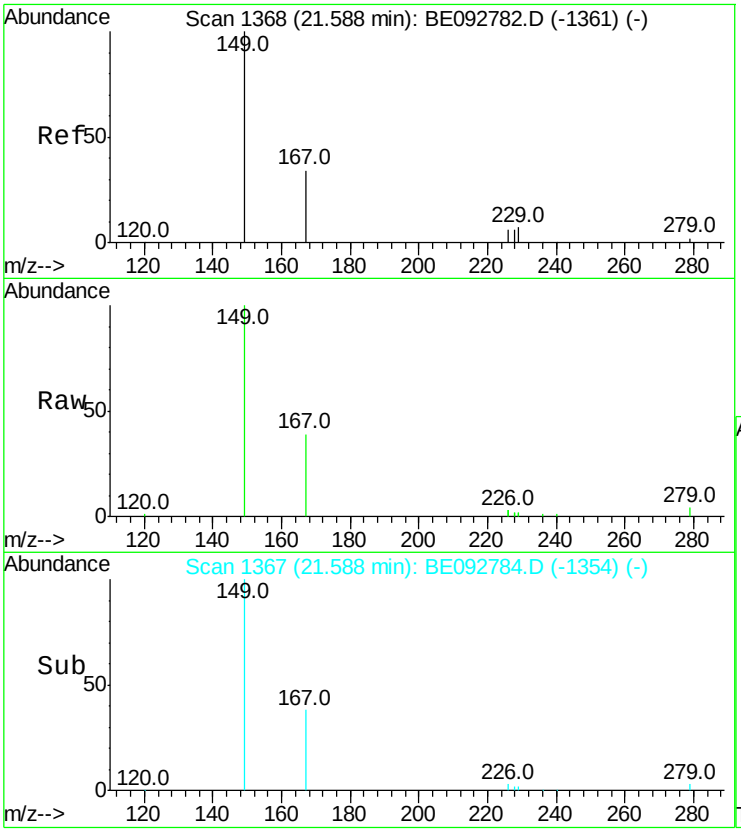


#28
Chrysene
Concen: 2.54 ng
RT: 21.66 min Scan# 1370
Delta R.T. -0.07 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Tgt Ion:228 Resp: 263921

Ion	Ratio	Lower	Upper
228	100		
226	29.2	36.3	54.5#
229	15.0	10.6	16.0



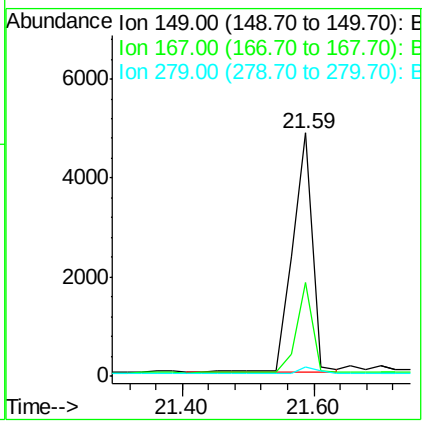


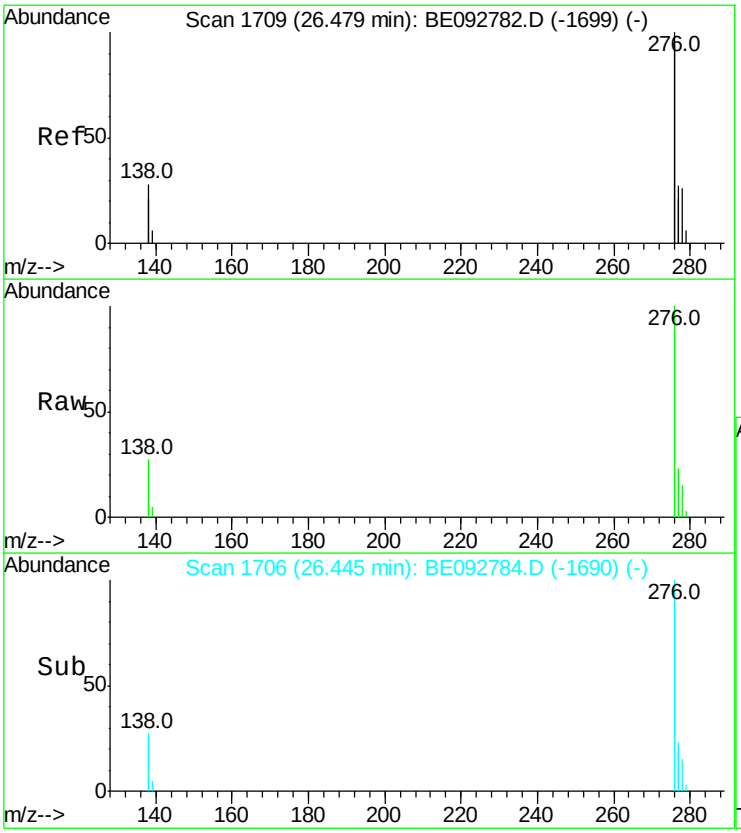
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.82 ng
RT: 21.59 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:149 Resp: 9969

Ion	Ratio	Lower	Upper
149	100		
167	31.6	16.0	24.0#
279	2.9	16.0	24.0#

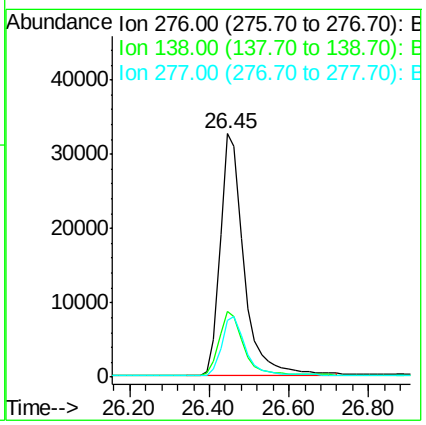


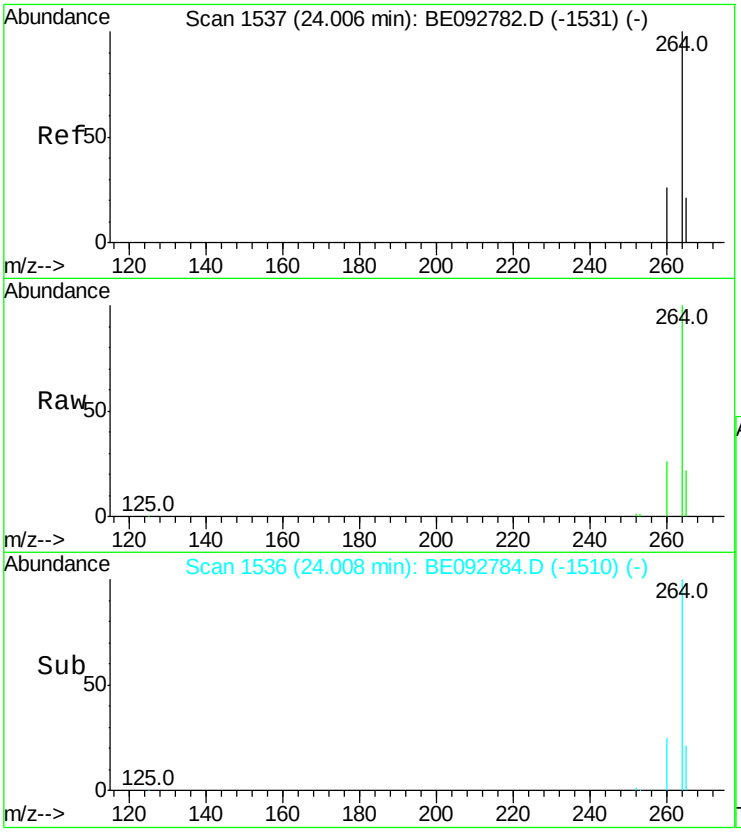


#30
Indeno(1,2,3-cd)pyrene
Concen: 1.15 ng
RT: 26.45 min Scan# 1706
Delta R.T. -0.03 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Tgt Ion:276 Resp: 134369

Ion	Ratio	Lower	Upper
276	100		
138	28.0	20.3	30.5
277	24.7	19.7	29.5



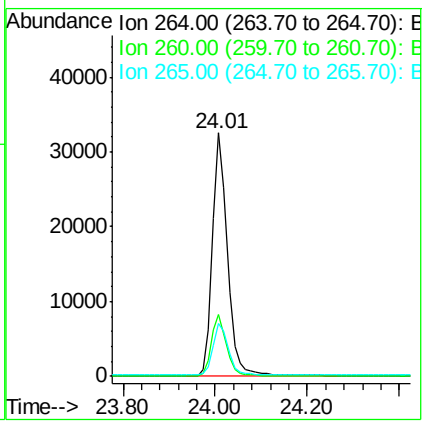


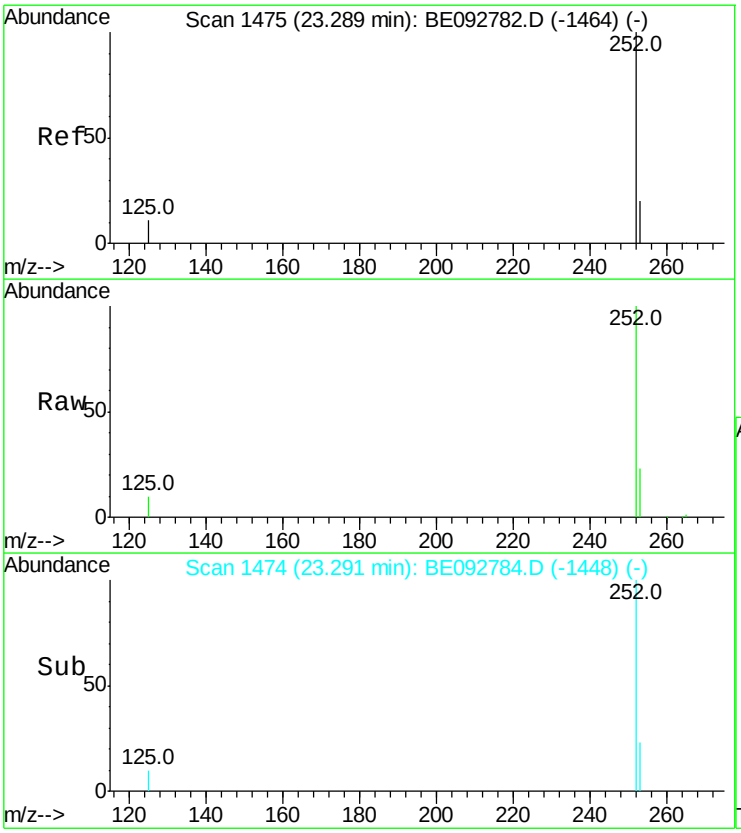
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.01 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:264 Resp: 74256

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.1	30.1
265	21.7	17.9	26.9

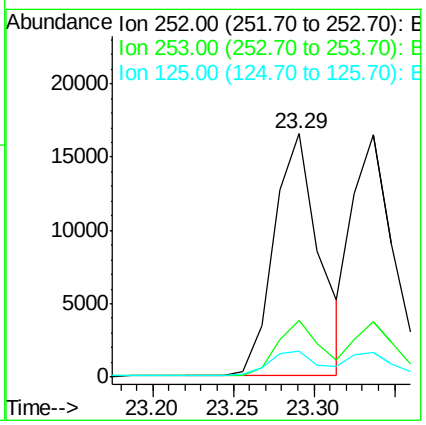


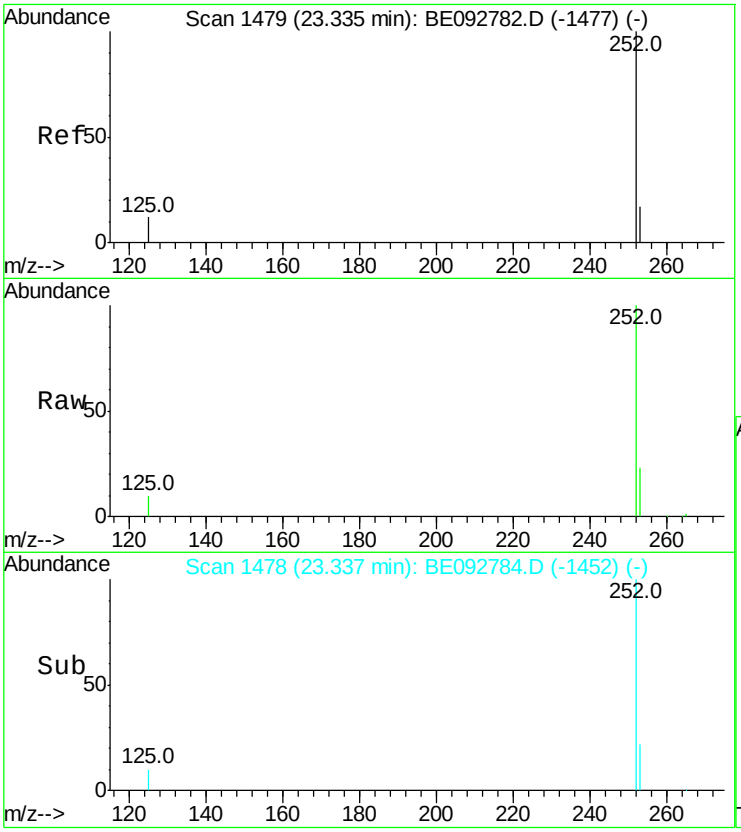


#32
Benzo(b)fluoranthene
Concen: 1.54 ng
RT: 23.29 min Scan# 1474
Delta R.T. 0.00 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Tgt Ion:252 Resp: 32415

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.7	28.1
125	10.4	10.5	15.7#



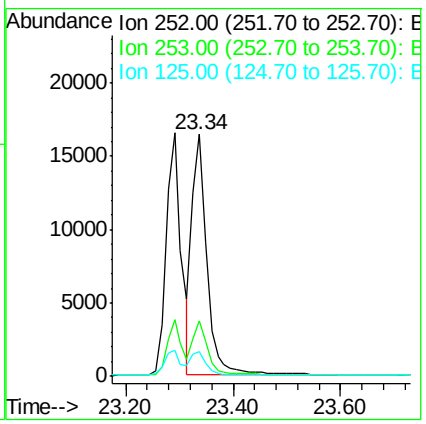


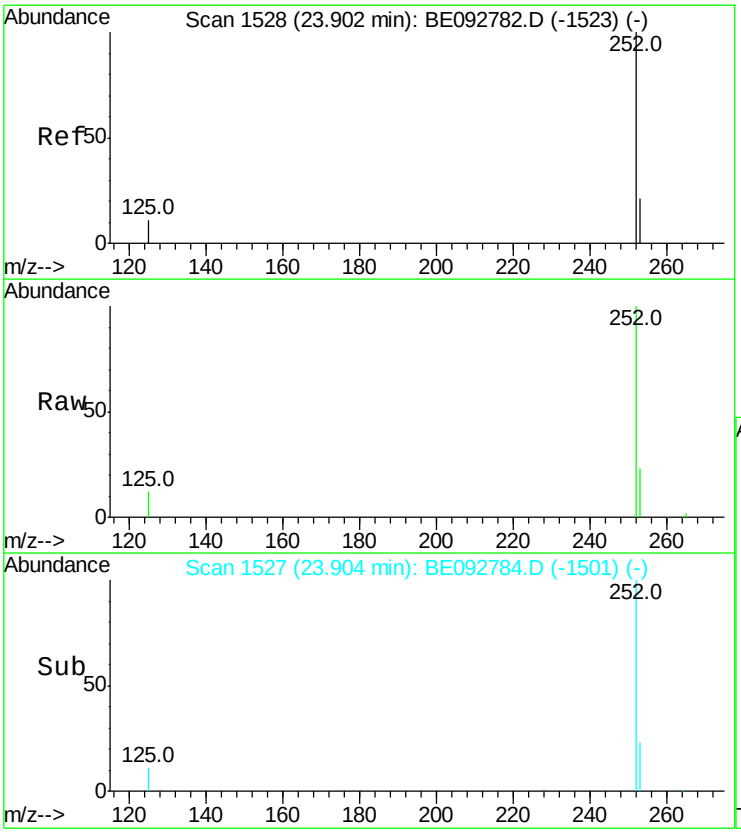
#33
Benzo(k)fluoranthene
Concen: 1.41 ng
RT: 23.34 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 31224

Ion	Ratio	Lower	Upper
252	100		
253	23.0	20.3	30.5
125	10.4	9.6	14.4

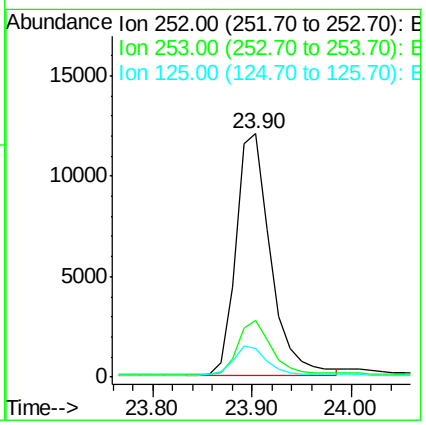


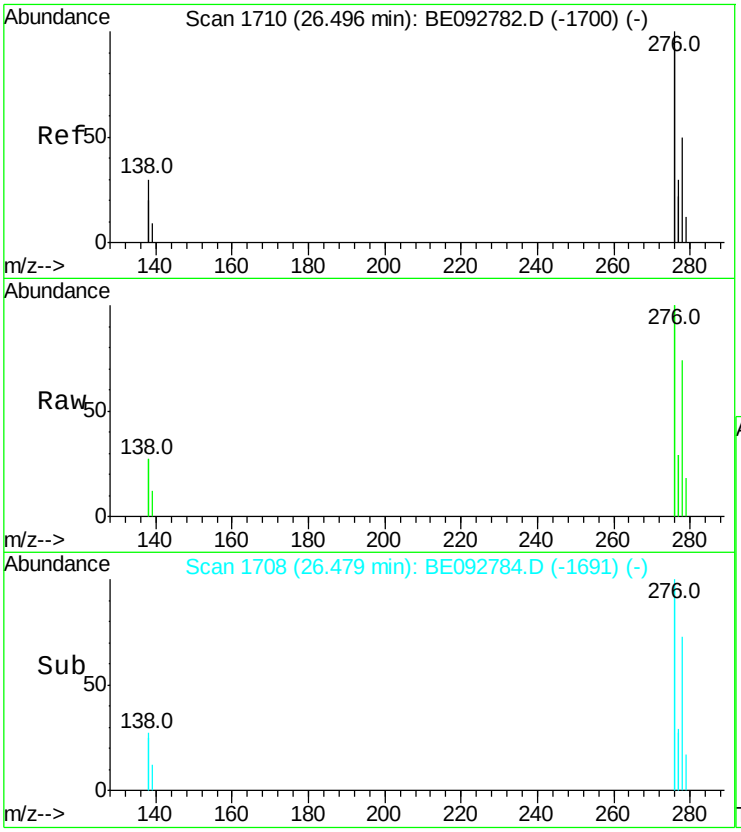


#34
Benzo(a)pyrene
Concen: 1.52 ng
RT: 23.90 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Tgt Ion:252 Resp: 29033

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.0	28.6
125	11.5	11.8	17.8#



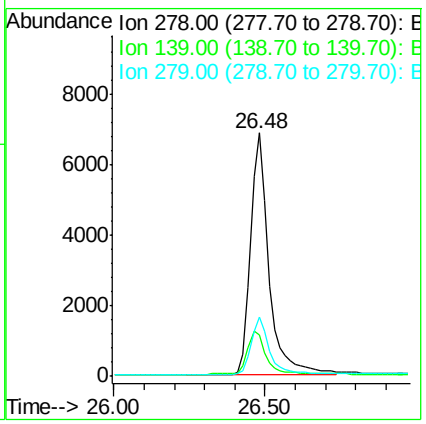


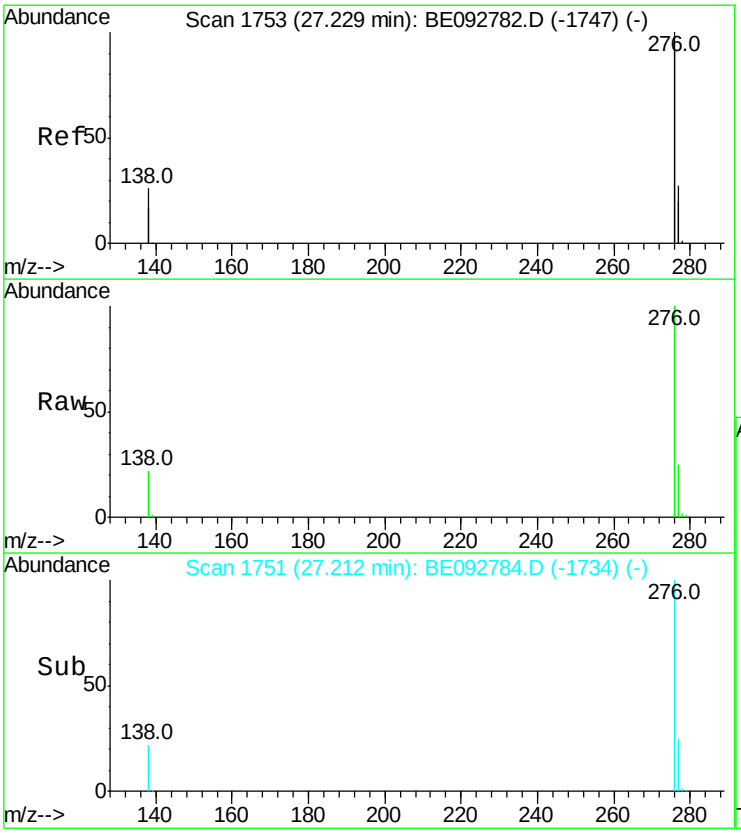
#35
Dibenzo(a,h)anthracene
Concen: 1.40 ng
RT: 26.48 min Scan# 1708
Delta R.T. -0.02 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:278 Resp: 28118

Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.8	20.8
279	24.2	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 1.38 ng
RT: 27.21 min Scan# 1751
Delta R.T. -0.02 min
Lab File: BE092784.D
Acq: 6 Mar 2017 12:45

Tgt Ion:276 Resp: 117018

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.8	29.8
138	22.1	19.8	29.6