Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_E\DATA\BE050517\
Data File : BE092926.D
Acq On : 5 May 2017 12:19
Operator : SJ/MA
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC1.6

Quant Time: May 05 13:06:01 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 05 11:39:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	691	0.40	ng		0.00
7) Naphthalene-d8	10.53	136	2834	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	1346	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	3415	0.40	ng		0.00
26) Chrysene-d12	21.28	240	3660	0.40	ng		0.00
33) Perylene-d12	23.69	264	2714	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	2442	1.62	ng		0.00
5) Phenol-d6	6.92	99	3411	1.63	ng		-0.02
8) Nitrobenzene-d5	8.90	82	3200	1.69	ng		0.00
11) 2-Methylnaphthalene-d10	12.13	152	6817	1.63	ng		0.00
14) 2,4,6-Tribromophenol	15.86	330	362	1.63	ng		0.00
15) 2-Fluorobiphenyl	13.01	172	9761	1.58	ng		0.00
24) Fluoranthene-d10	19.15	212	13013	1.59	ng		0.00
28) Terphenyl-d14	19.73	244	9851	1.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	2054	1.55	ng		97
3) n-Nitrosodimethylamine	3.59	42	1698	1.69	ng	#	84
6) bis(2-Chloroethyl)ether	7.20	93	3861	1.52	ng	#	37
9) Naphthalene	10.58	128	12156	1.61	ng	#	83
10) Hexachlorobutadiene	10.89	225	1688	1.61	ng		95
12) 2-Methylnaphthalene	12.19	142	7607	1.63	ng	#	91
16) Acenaphthylene	14.10	152	36935	1.71	ng		99
17) Acenaphthene	14.45	154	7022	1.65	ng		97
18) Fluorene	15.42	166	8493	1.64	ng		99
20) Hexachlorobenzene	16.47	284	2279	1.51	ng	#	100
21) Pentachlorophenol	16.79	266	492	1.79	ng	#	73
22) Phenanthrene	17.18	178	14738	1.49	ng		98
23) Anthracene	17.27	178	12059	1.59	ng		99
25) Fluoranthene	19.17	202	72216	1.69	ng	#	99
27) Pyrene	19.53	202	73478	1.54	ng	#	100
29) Benzo(a)anthracene	21.25	228	14222	1.67	ng	#	86
30) Chrysene	21.30	228	17260	1.58	ng	#	88
31) Bis(2-ethylhexyl)phthalate	21.20	149	3360	1.53	ng	#	96
32) Indeno(1,2,3-cd)pyrene	26.22	276	63733	1.78	ng		99
34) Benzo(b)fluoranthene	22.95	252	14861	1.56	ng	#	80
35) Benzo(k)fluoranthene	23.00	252	15441	1.59	ng	#	76
36) Benzo(a)pyrene	23.59	252	12190	1.59	ng	#	71
37) Dibenzo(a,h)anthracene	26.25	278	14451	1.69	ng	#	72
38) Benzo(g,h,i)perylene	27.00	276	59419	1.60	ng	#	76

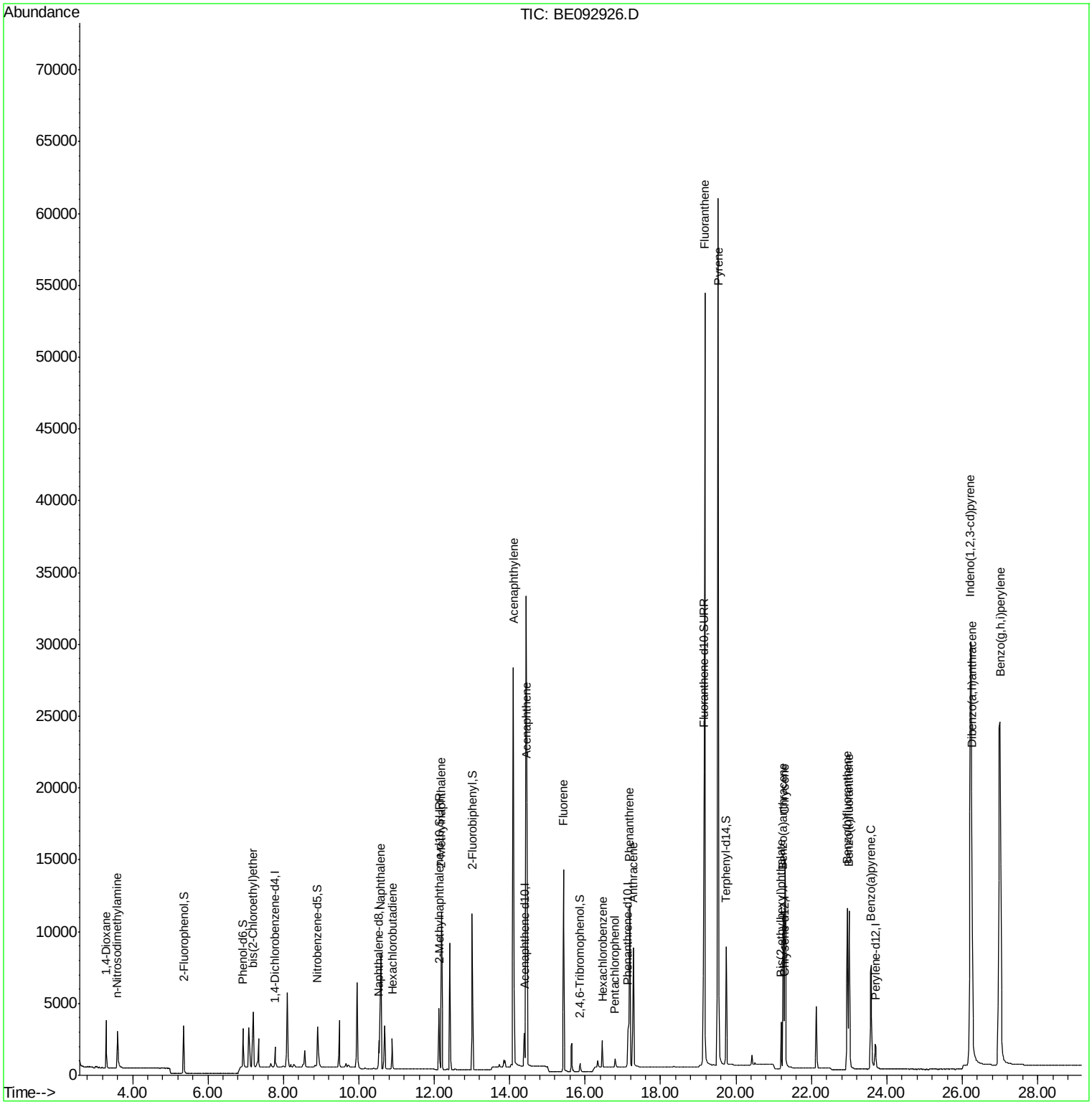
(#) = qualifier out of range (m) = manual integration (+) = signals summed

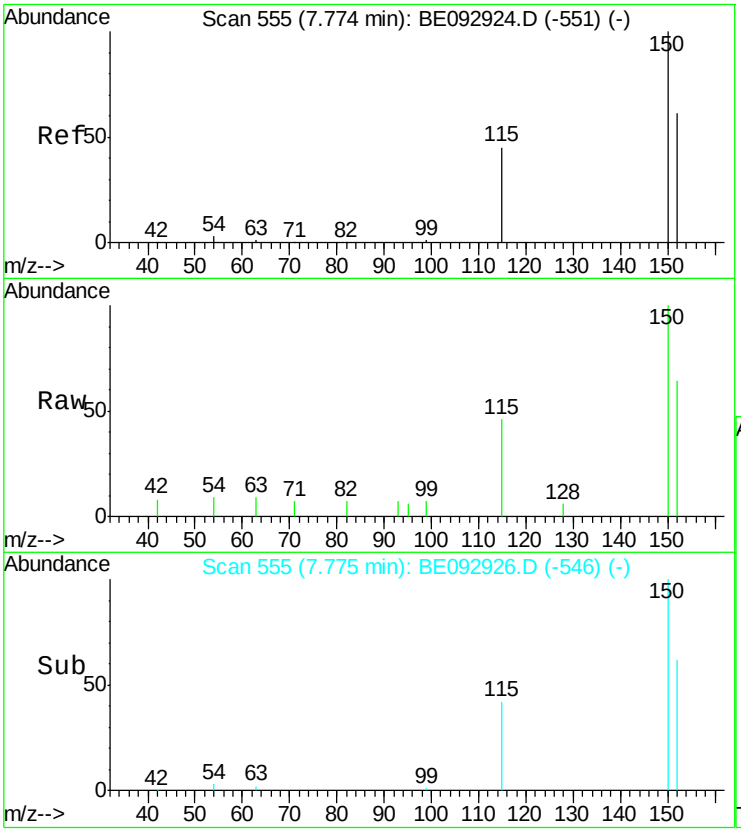
Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_E\DATA\BE050517\
Data File : BE092926.D
Acq On : 5 May 2017 12:19
Operator : SJ/MA
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Quant Time: May 05 13:06:01 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 05 11:39:16 2017
Response via : Initial Calibration



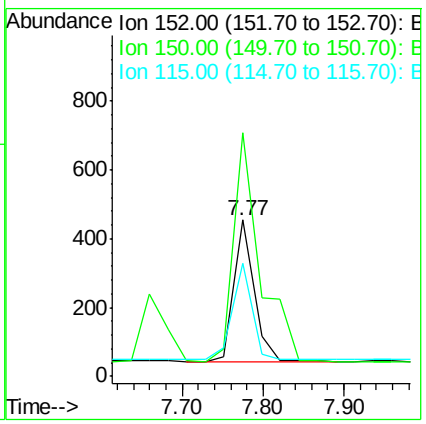


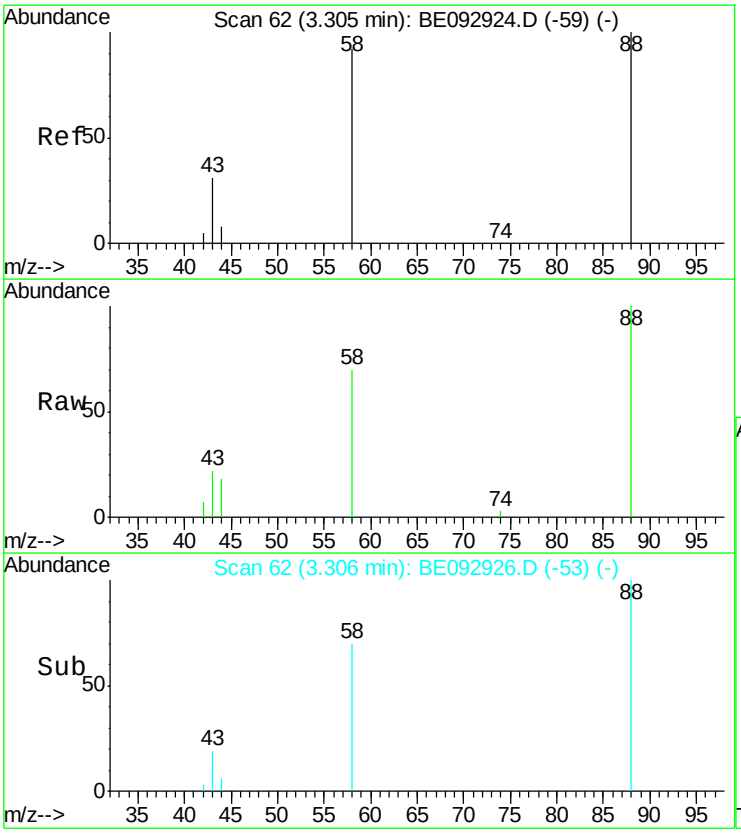
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 691

Ion	Ratio	Lower	Upper
152	100		
150	155.6	129.9	194.9
115	71.9	62.6	93.8

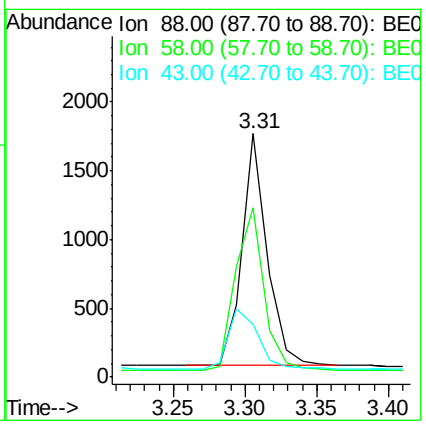


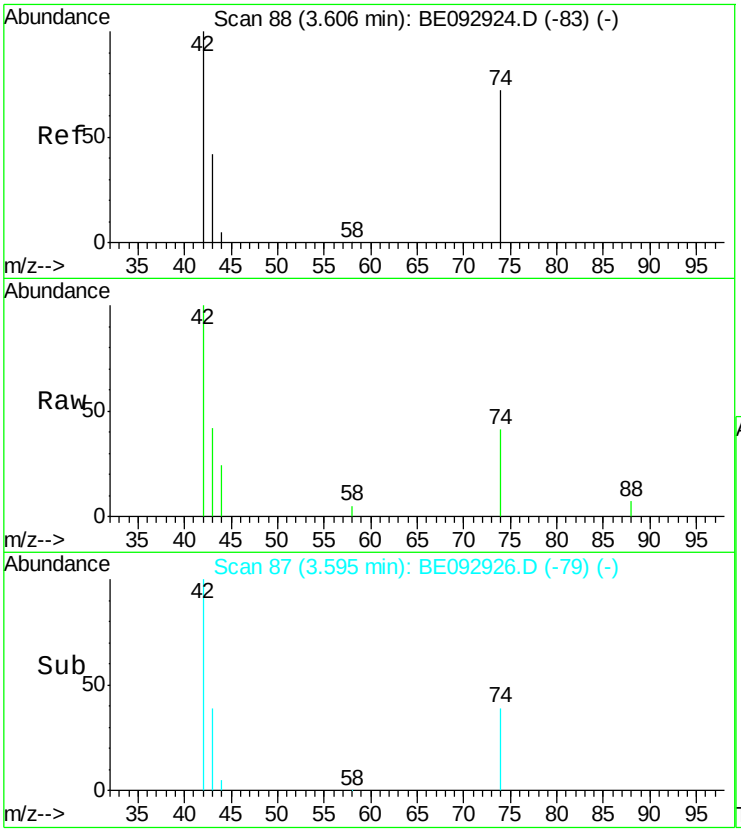


#2
1,4-Dioxane
Concen: 1.55 ng
RT: 3.31 min Scan# 62
Delta R.T. 0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Tgt Ion: 88 Resp: 2054

Ion	Ratio	Lower	Upper
88	100		
58	80.0	64.9	97.3
43	29.9	26.6	40.0



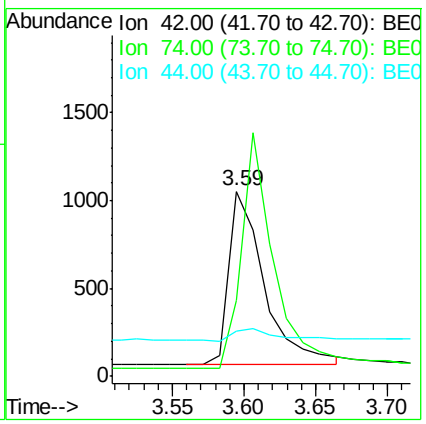


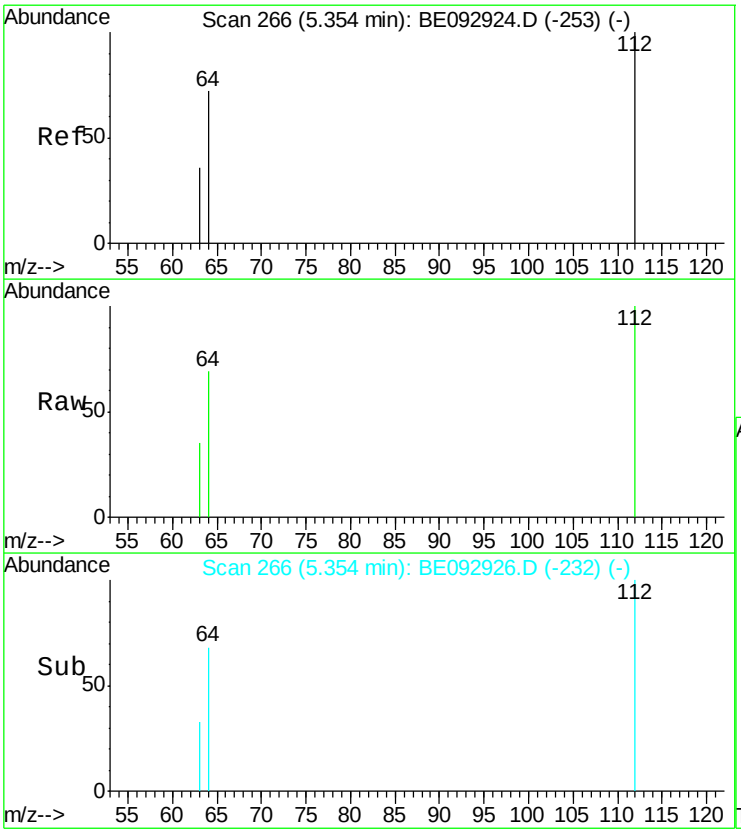
#3
n-Nitrosodimethylamine
Concen: 1.69 ng
RT: 3.59 min Scan# 87
Delta R.T. -0.01 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 1698

Ion	Ratio	Lower	Upper
42	100		
74	122.6	106.6	160.0
44	7.4	25.7	38.5#

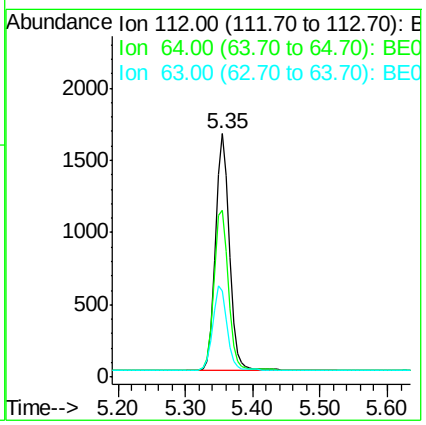


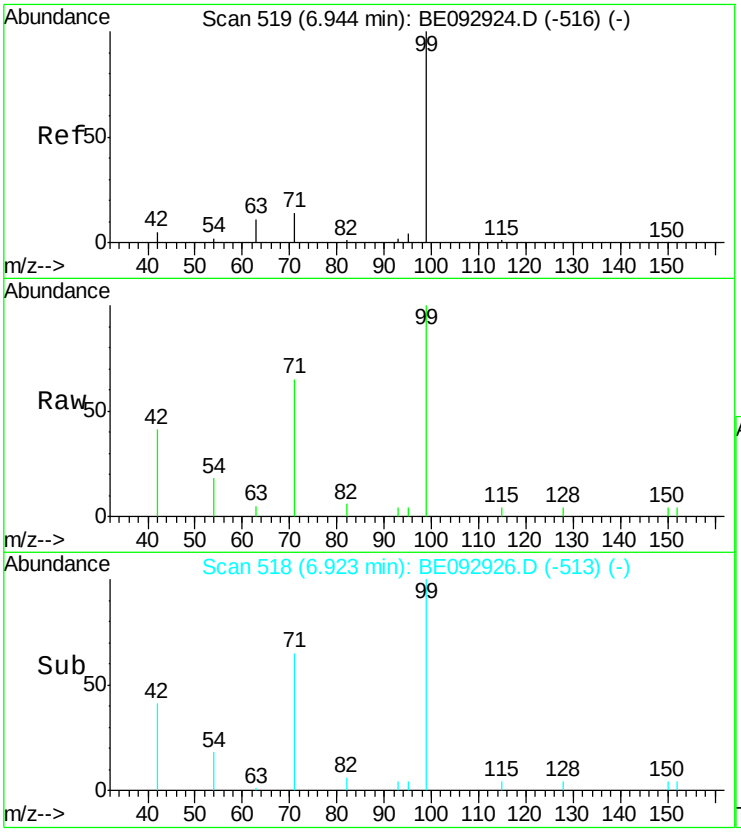


#4
2-Fluorophenol
Concen: 1.62 ng
RT: 5.35 min Scan# 266
Delta R.T. 0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Tgt Ion:112 Resp: 2442

Ion	Ratio	Lower	Upper
112	100		
64	70.0	52.6	79.0
63	35.6	29.0	43.4



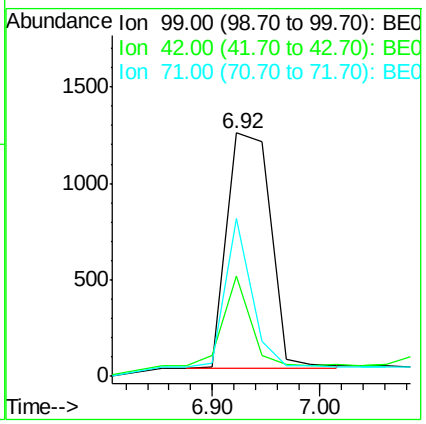


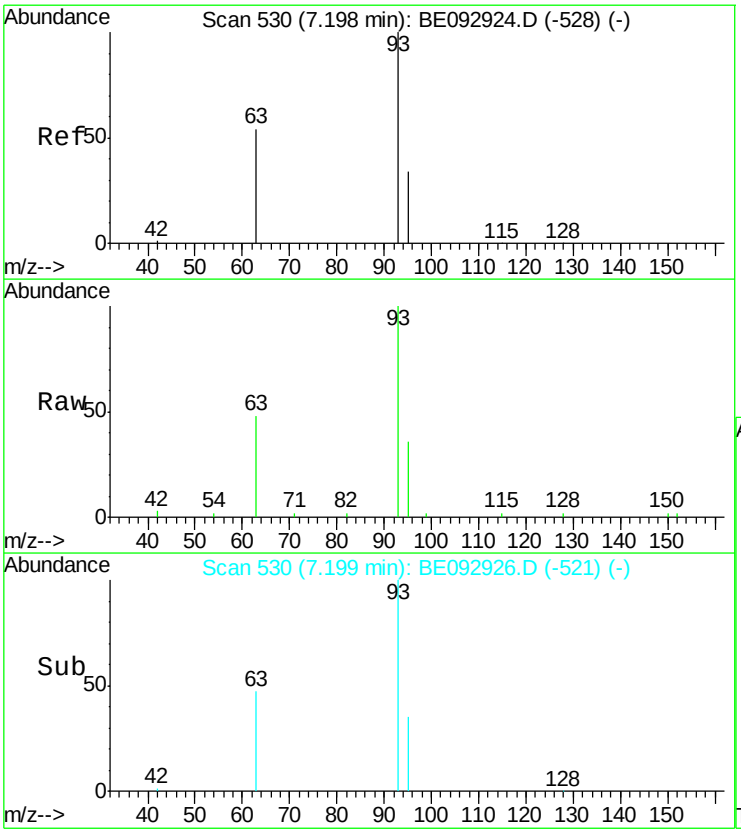
#5
Phenol-d6
Concen: 1.63 ng
RT: 6.92 min Scan# 518
Delta R.T. -0.02 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 3411

Ion	Ratio	Lower	Upper
99	100		
42	23.6	0.0	0.0#
71	38.5	0.0	0.0#

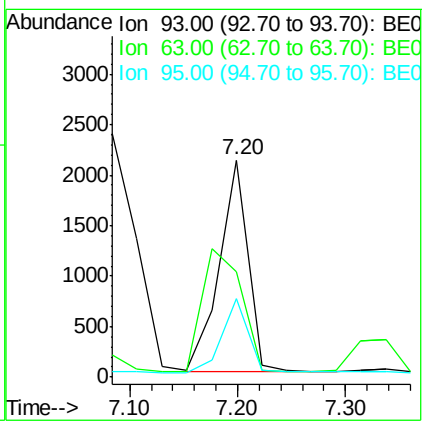


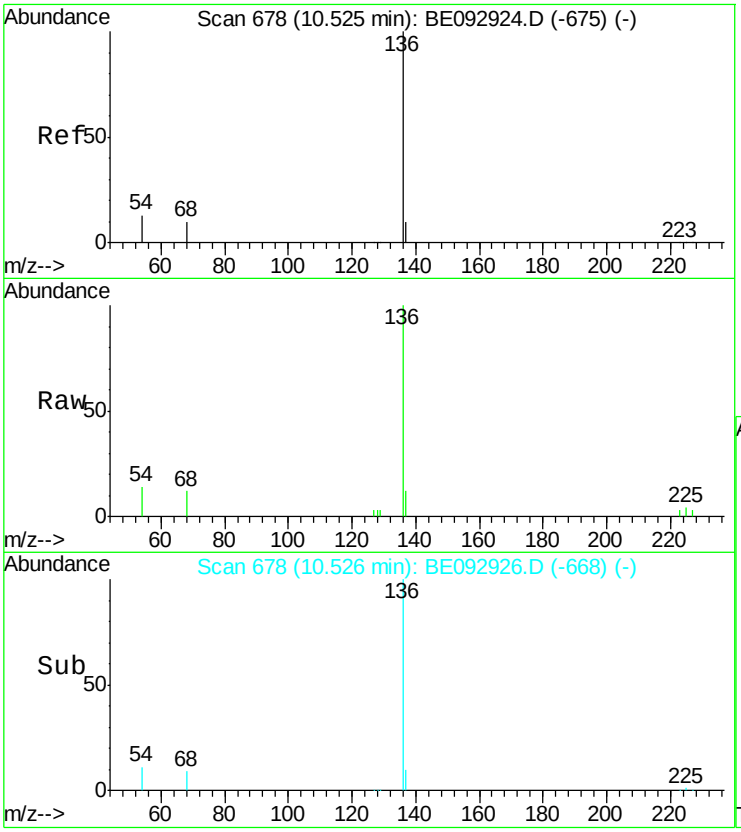


#6
bis(2-Chloroethyl)ether
Concen: 1.52 ng
RT: 7.20 min Scan# 530
Delta R.T. 0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Tgt Ion: 93 Resp: 3861

Ion	Ratio	Lower	Upper
93	100		
63	0.0	61.2	91.8#
95	31.9	25.5	38.3



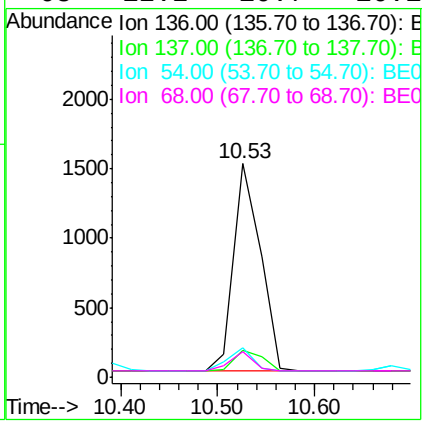


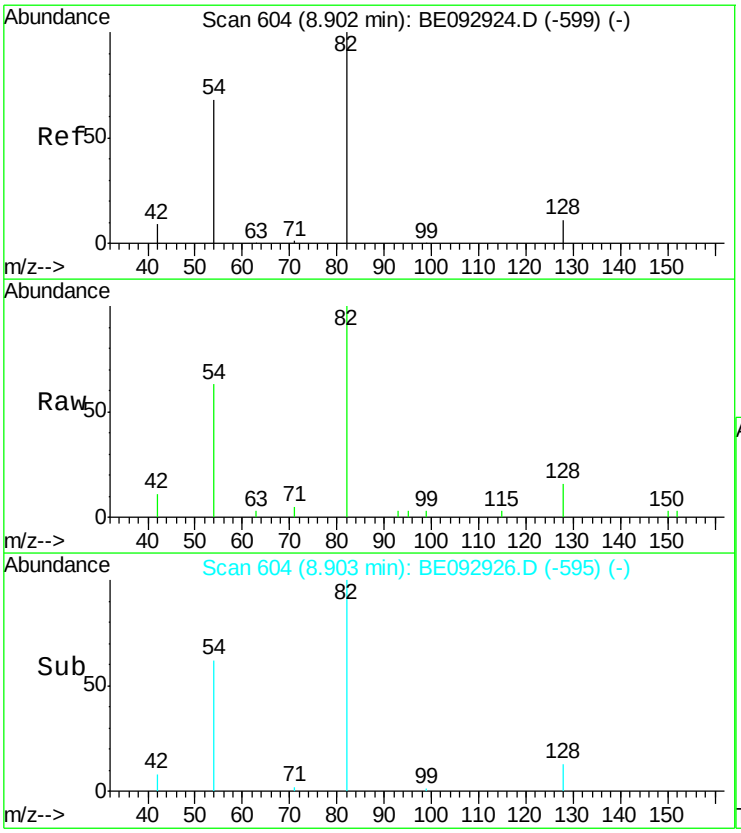
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.53 min Scan# 678
Delta R.T. 0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 2834

Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.4	15.6
54	13.8	12.6	18.8
68	12.2	10.7	16.1

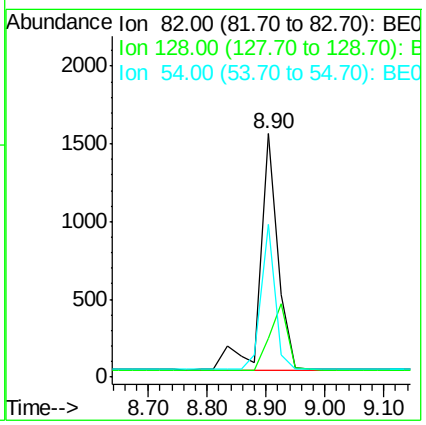


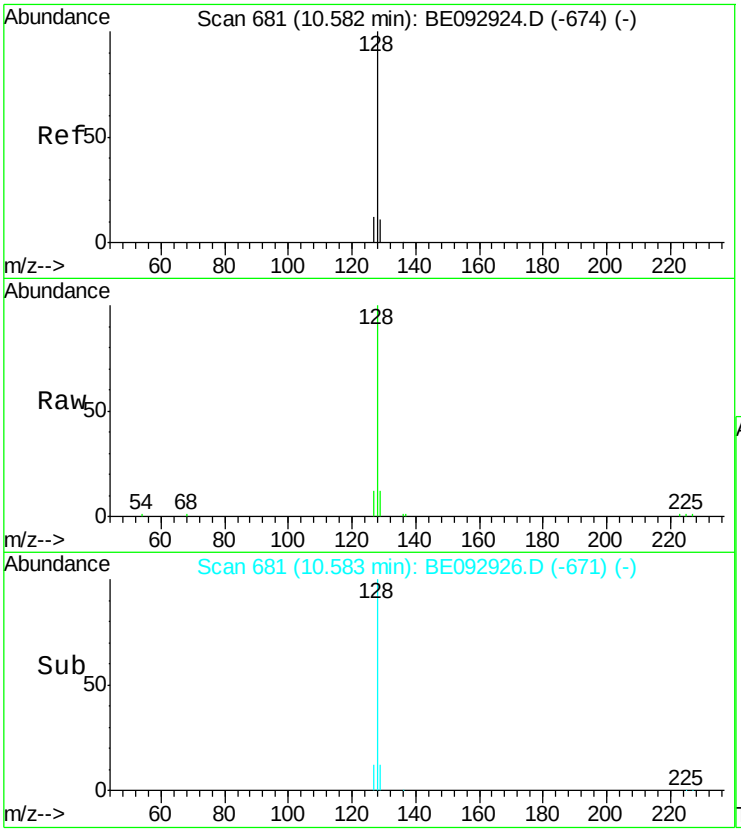


#8
Nitrobenzene-d5
Concen: 1.69 ng
RT: 8.90 min Scan# 604
Delta R.T. 0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Tgt Ion: 82 Resp: 3200

Ion	Ratio	Lower	Upper
82	100		
128	16.0	35.3	52.9#
54	63.0	65.1	97.7#



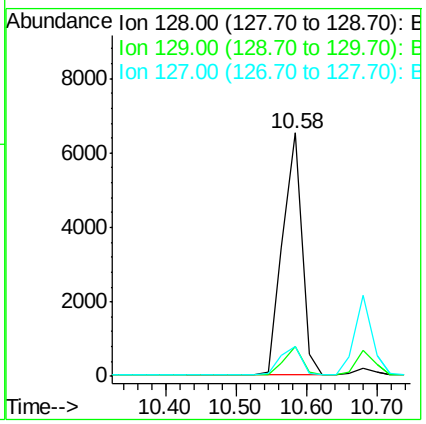


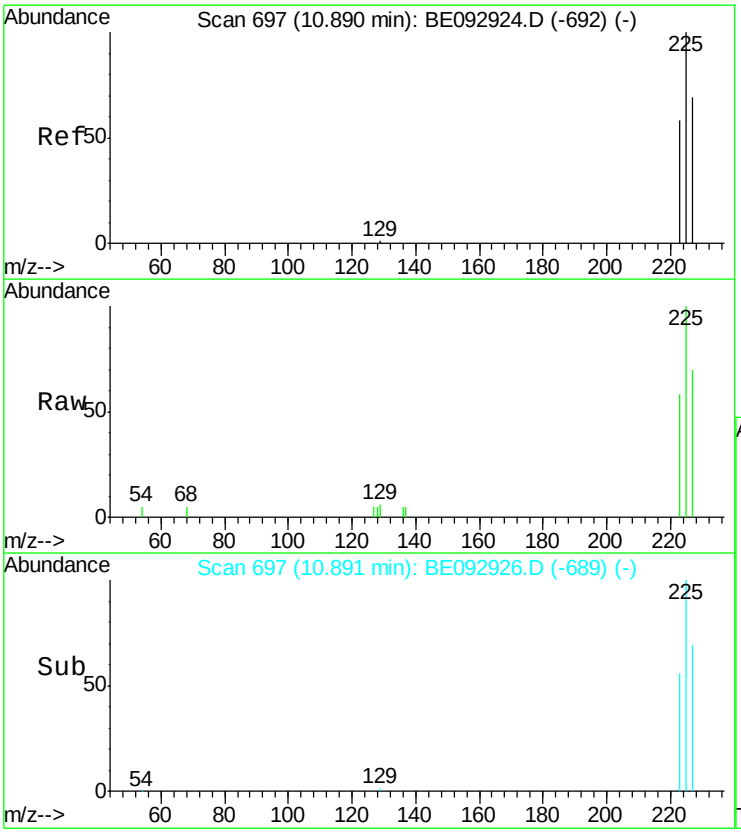
#9
Naphthalene
Concen: 1.61 ng
RT: 10.58 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 12156

Ion	Ratio	Lower	Upper
128	100		
129	12.2	15.8	23.8#
127	12.1	16.0	24.0#

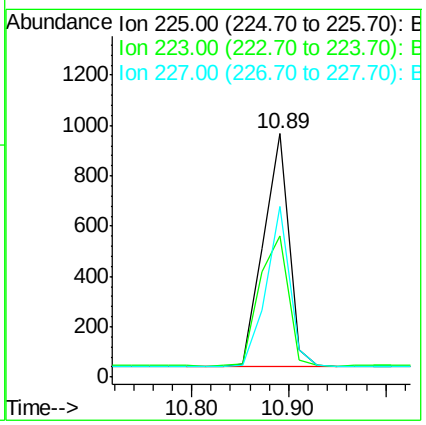


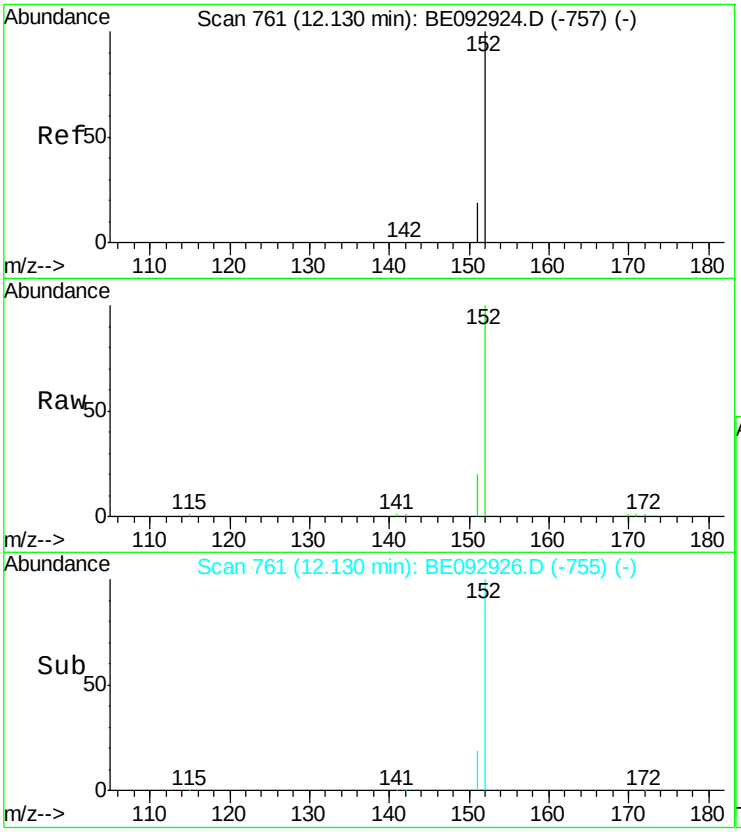


#10
Hexachlorobutadiene
Concen: 1.61 ng
RT: 10.89 min Scan# 697
Delta R.T. 0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Tgt Ion:225 Resp: 1688

Ion	Ratio	Lower	Upper
225	100		
223	63.4	55.4	83.2
227	63.0	52.2	78.4



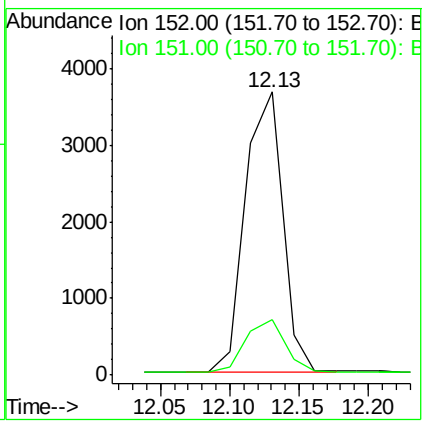


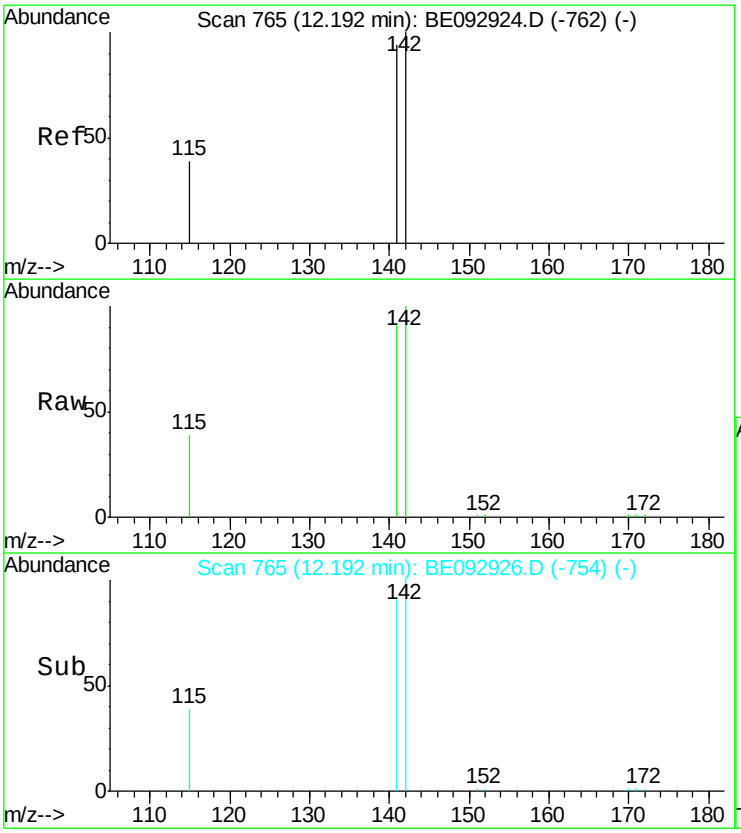
#11
2-Methylnaphthalene-d10
Concen: 1.63 ng
RT: 12.13 min Scan# 761
Delta R.T. 0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 6817

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5

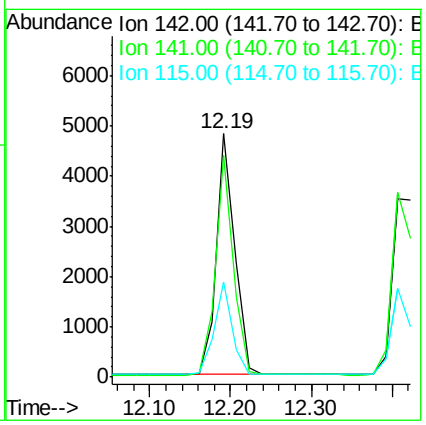


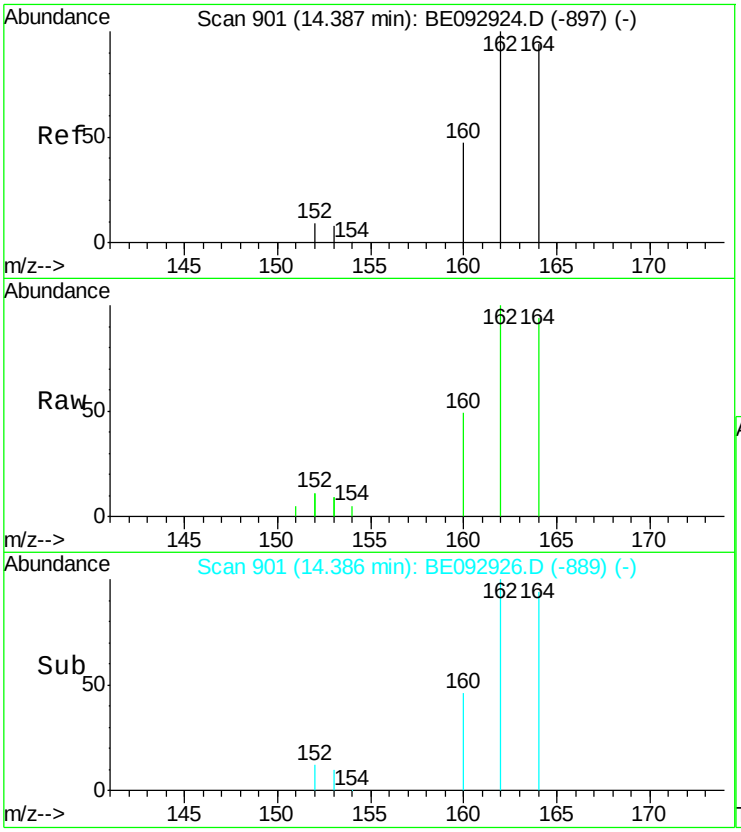


#12
2-Methylnaphthalene
Concen: 1.63 ng
RT: 12.19 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Tgt Ion:142 Resp: 7607

Ion	Ratio	Lower	Upper
142	100		
141	91.3	76.0	114.0
115	38.9	41.6	62.4#



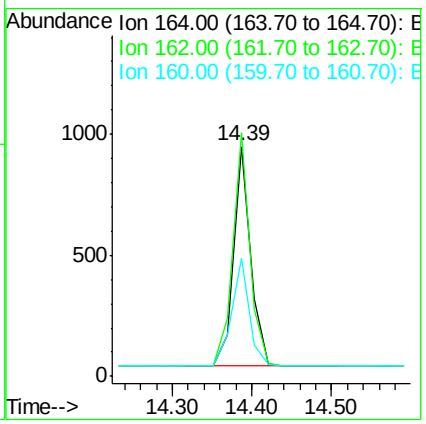


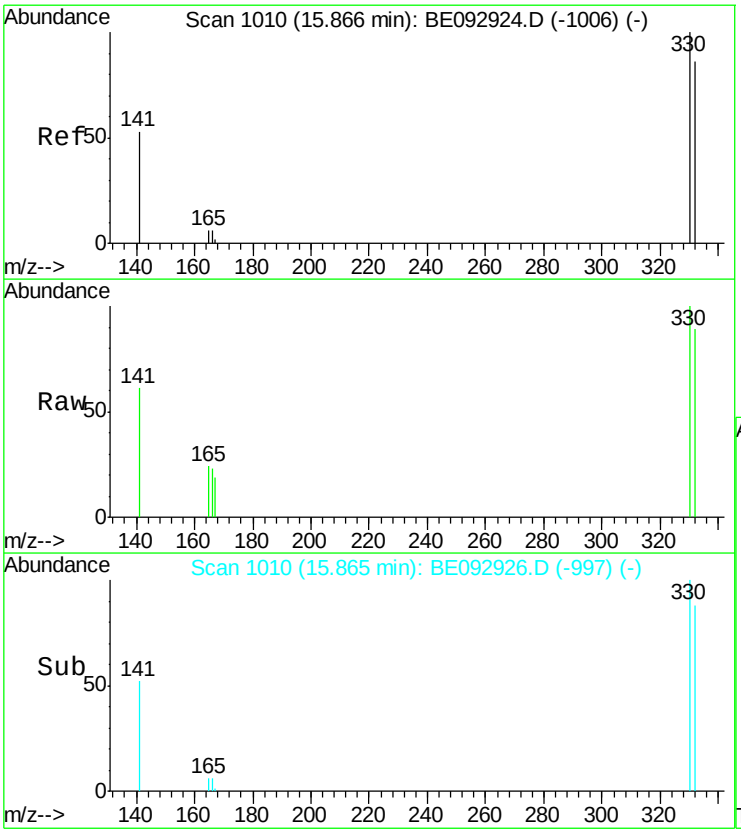
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 1346

Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.6	130.0
160	51.5	44.5	66.7

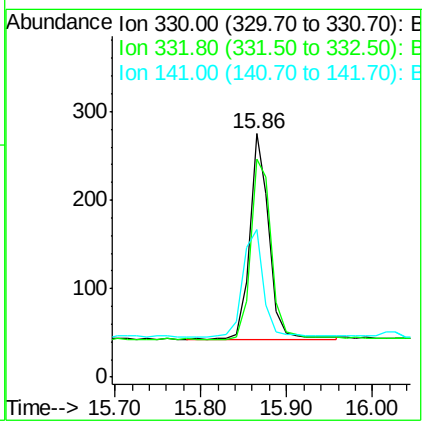


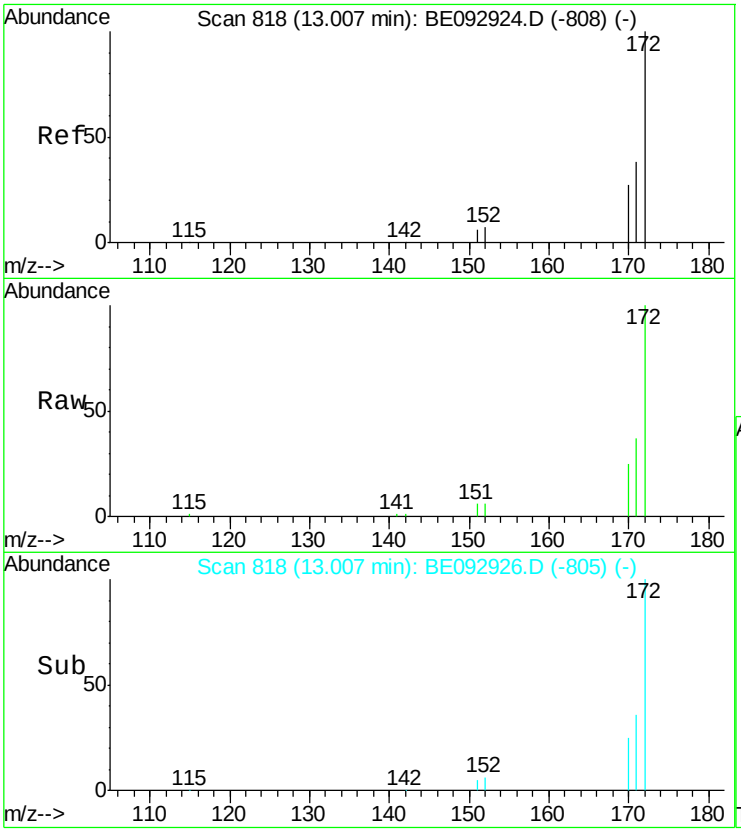


#14
2,4,6-Tribromophenol
Concen: 1.63 ng
RT: 15.86 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Tgt Ion:330 Resp: 362

Ion	Ratio	Lower	Upper
330	100		
332	95.0	69.1	103.7
141	55.5	54.6	81.8



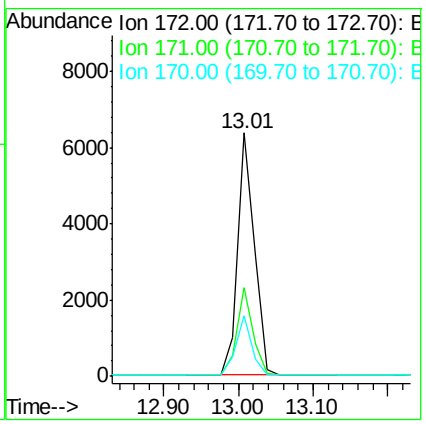


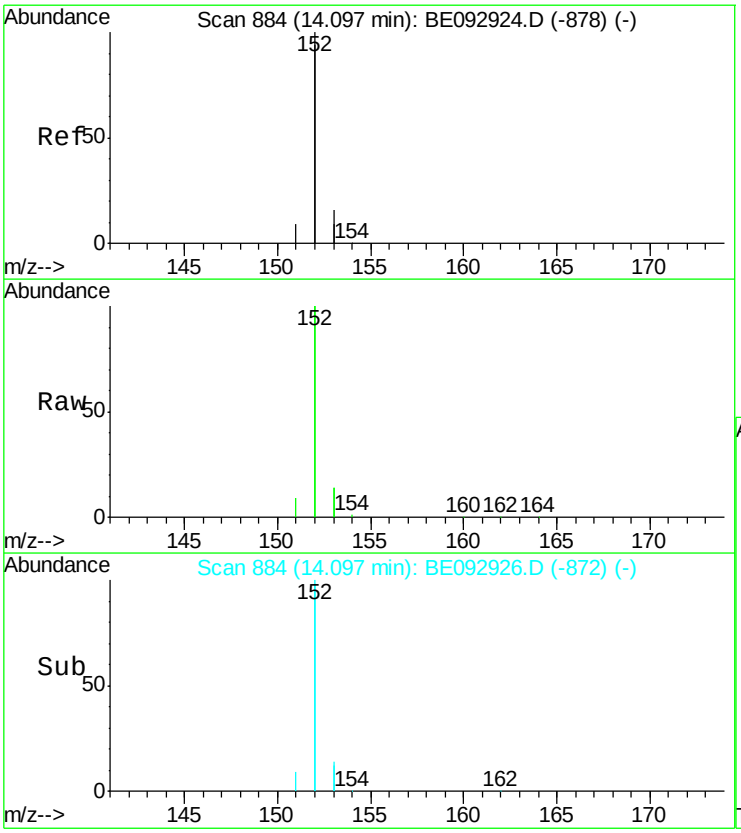
#15
2-Fluorobiphenyl
Concen: 1.58 ng
RT: 13.01 min Scan# 818
Delta R.T. 0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 9761

Ion	Ratio	Lower	Upper
172	100		
171	36.6	35.8	53.6
170	25.1	28.5	42.7#

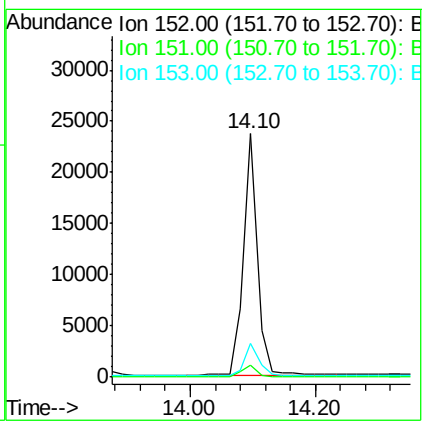


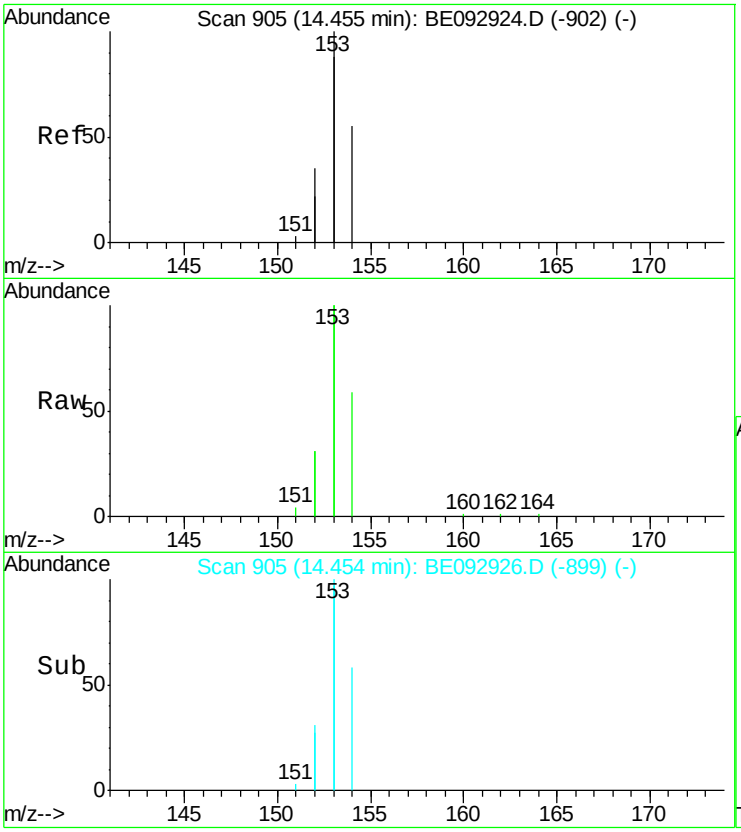


#16
Acenaphthylene
Concen: 1.71 ng
RT: 14.10 min Scan# 884
Delta R.T. -0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Tgt Ion:152 Resp: 36935

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.8	5.8
153	13.1	10.0	15.0



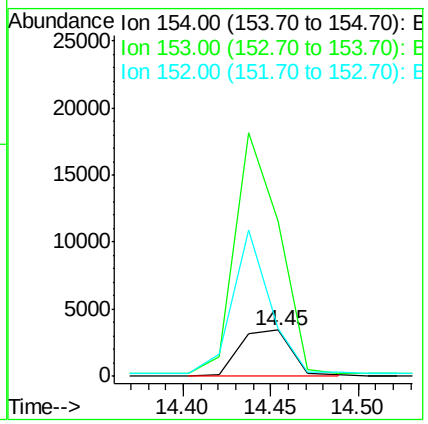


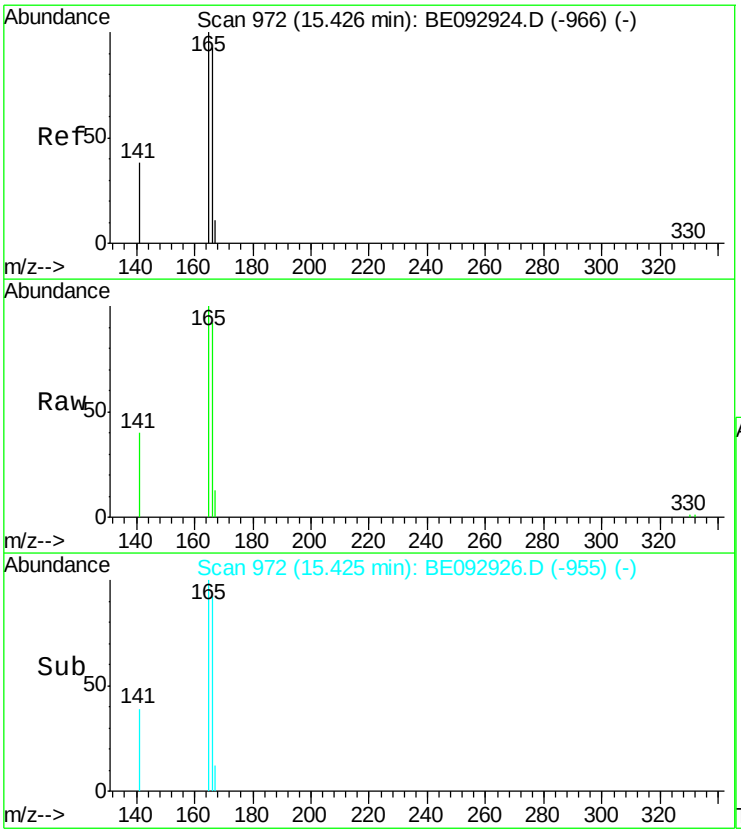
#17
Acenaphthene
Concen: 1.65 ng
RT: 14.45 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 7022

Ion	Ratio	Lower	Upper
154	100		
153	450.9	355.6	533.4
152	227.3	177.8	266.8

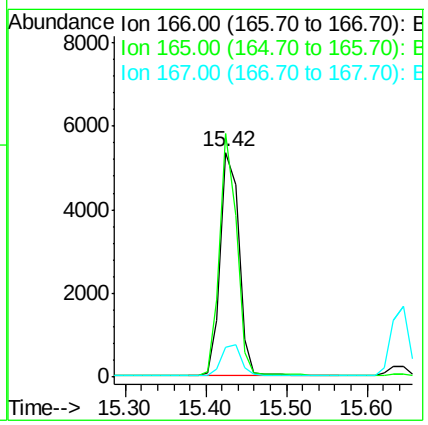


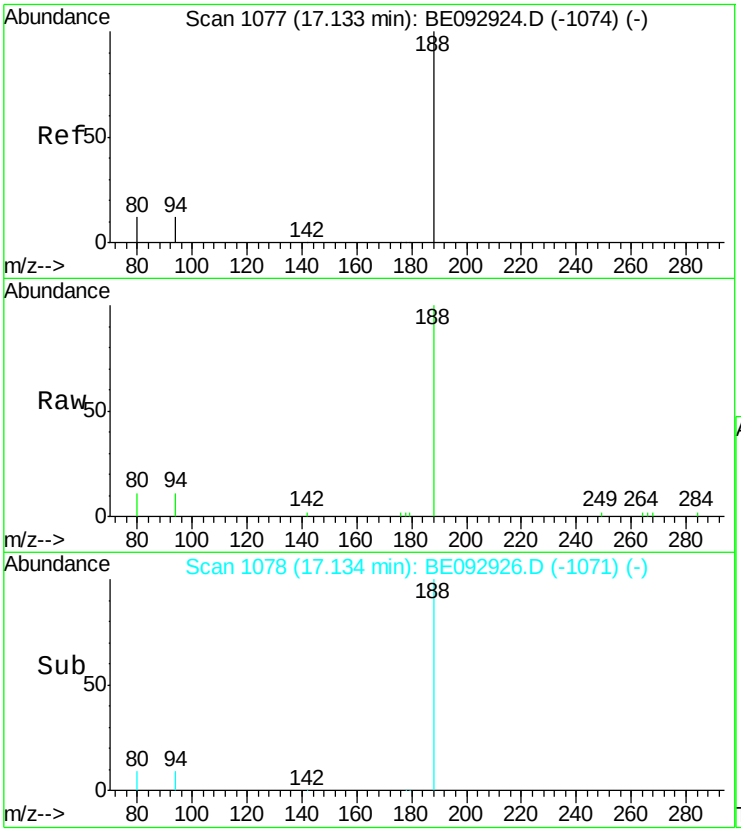


#18
Fluorene
Concen: 1.64 ng
RT: 15.42 min Scan# 972
Delta R.T. -0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Tgt Ion:166 Resp: 8493

Ion	Ratio	Lower	Upper
166	100		
165	99.8	80.7	121.1
167	14.1	11.3	16.9



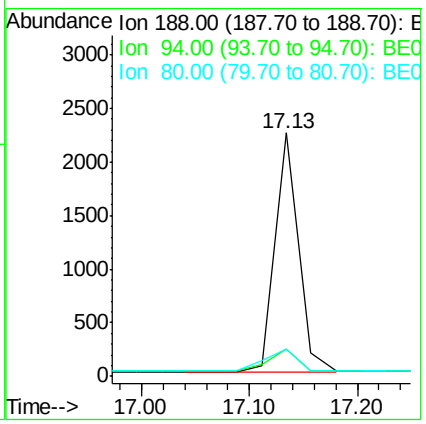


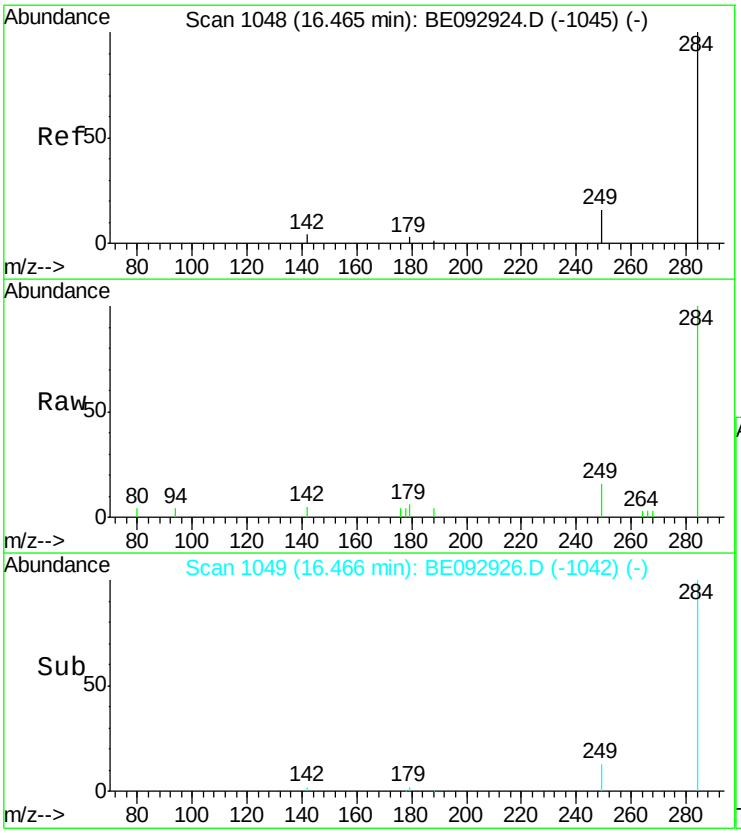
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 3415

Ion	Ratio	Lower	Upper
188	100		
94	11.1	10.2	15.4
80	11.3	10.6	15.8

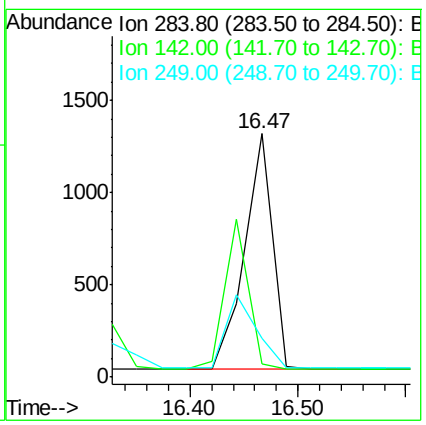


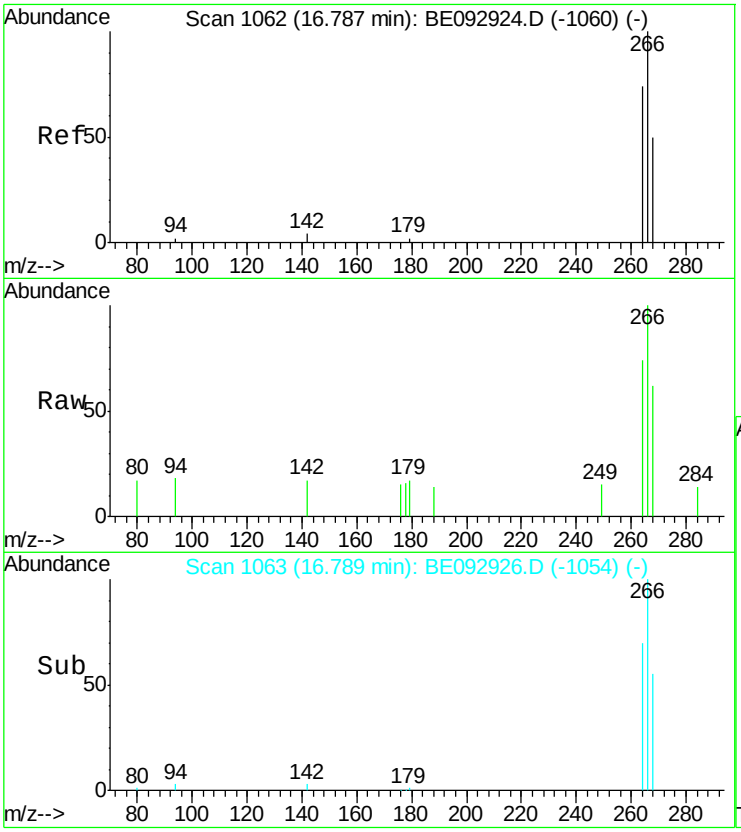


#20
Hexachlorobenzene
Concen: 1.51 ng
RT: 16.47 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Tgt Ion:284 Resp: 2279

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0



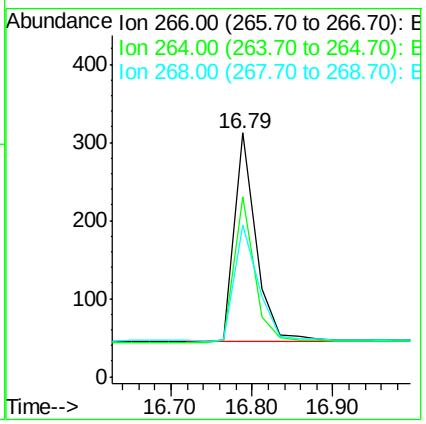


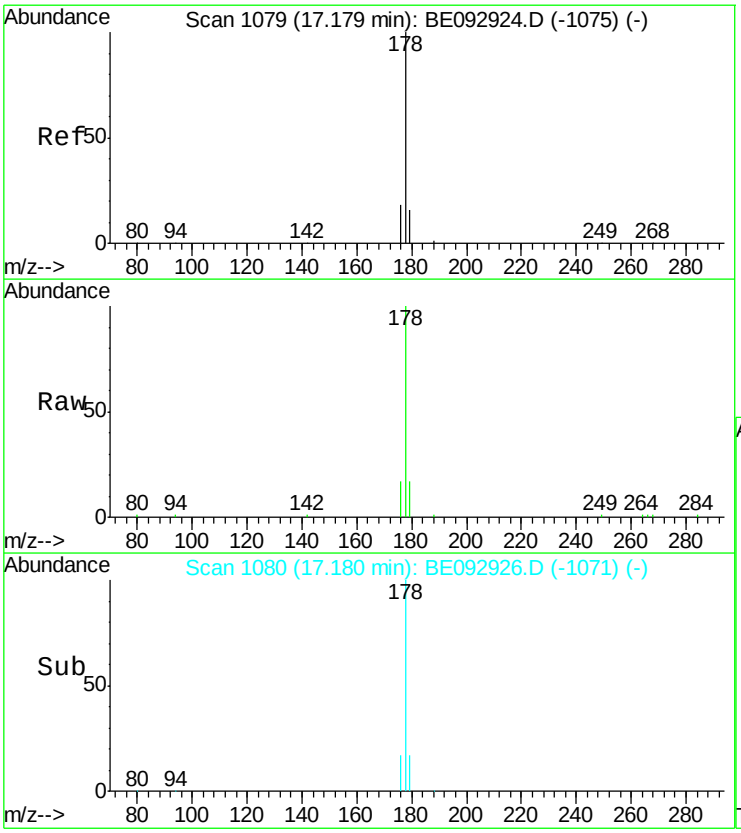
#21
Pentachlorophenol
Concen: 1.79 ng
RT: 16.79 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:266 Resp: 492

Ion	Ratio	Lower	Upper
266	100		
264	73.7	75.4	113.2#
268	62.2	75.4	113.2#

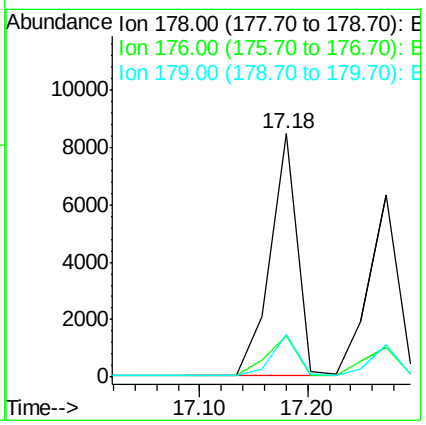


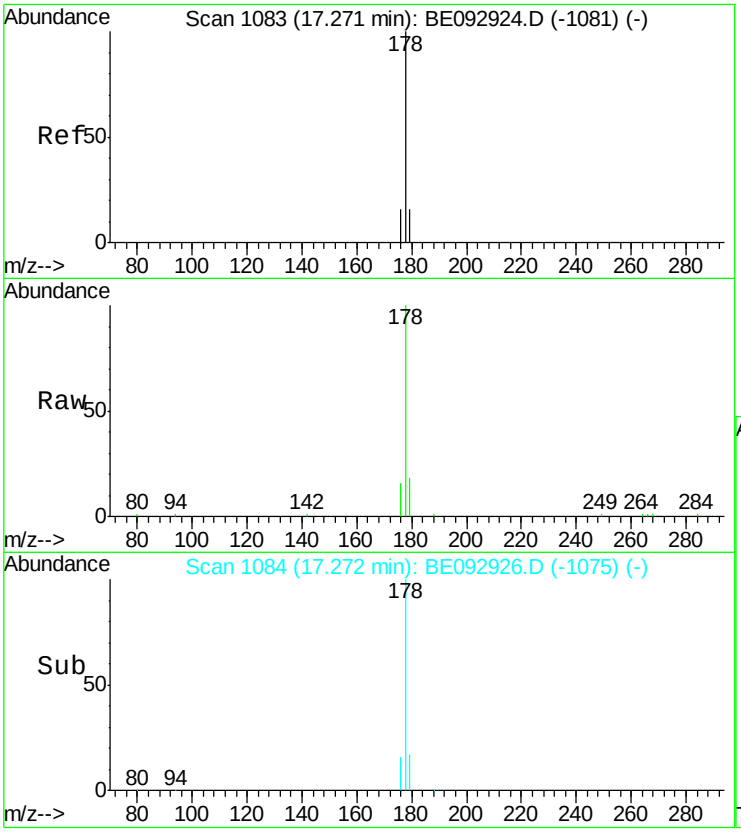


#22
Phenanthrene
Concen: 1.49 ng
RT: 17.18 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Tgt Ion:178 Resp: 14738

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.2	21.4
179	16.0	13.6	20.4



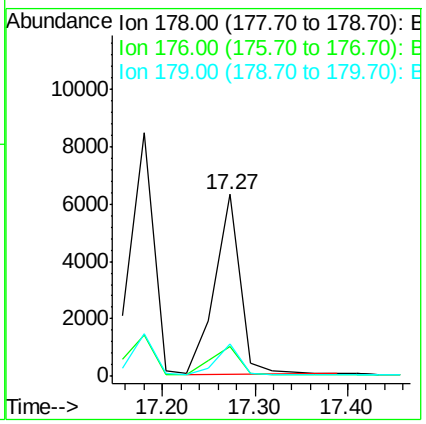


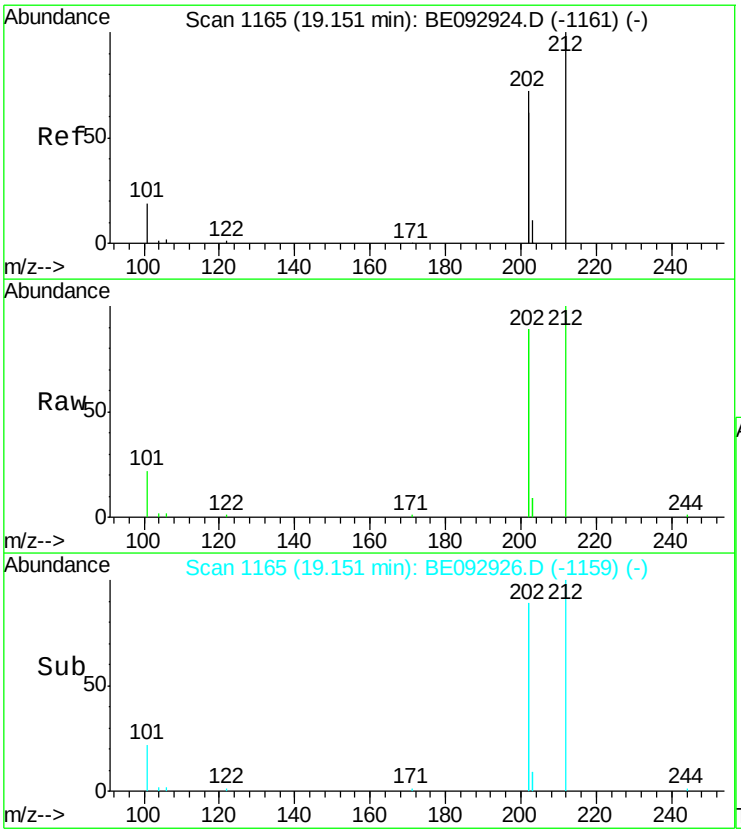
#23
Anthracene
Concen: 1.59 ng
RT: 17.27 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 12059

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.7	22.1
179	15.9	12.8	19.2

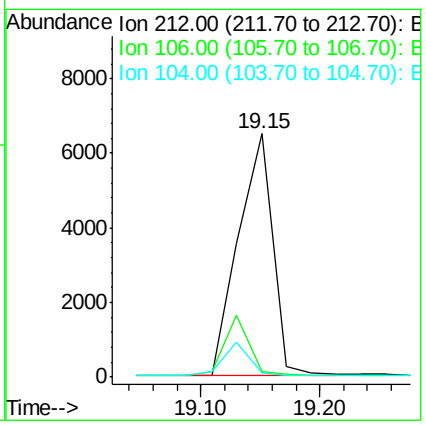


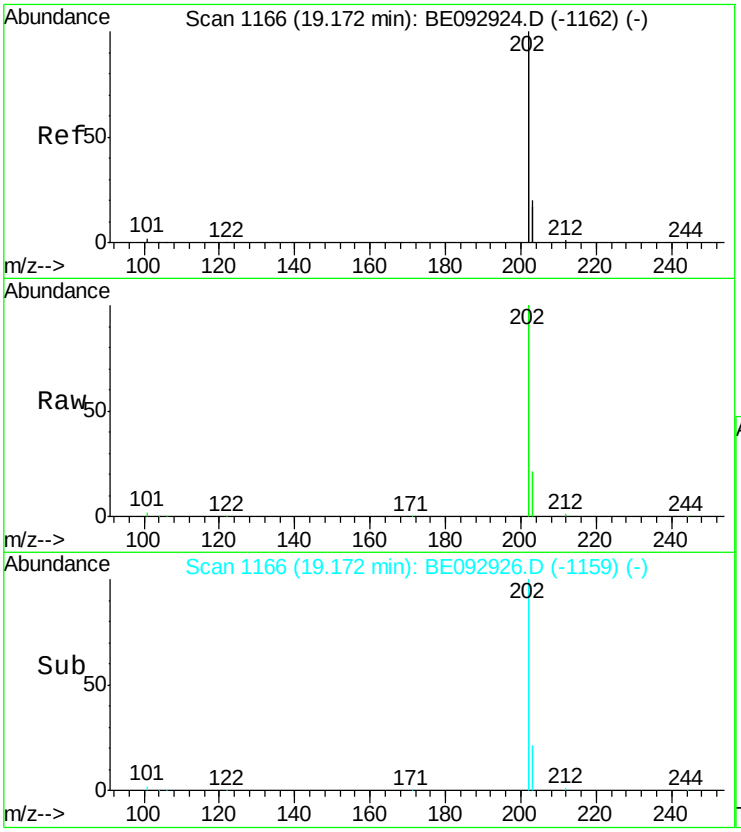


#24
Fluoranthene-d10
Concen: 1.59 ng
RT: 19.15 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Tgt Ion:212 Resp: 13013

Ion	Ratio	Lower	Upper
212	100		
106	0.0	0.0	0.0
104	0.0	0.0	0.0



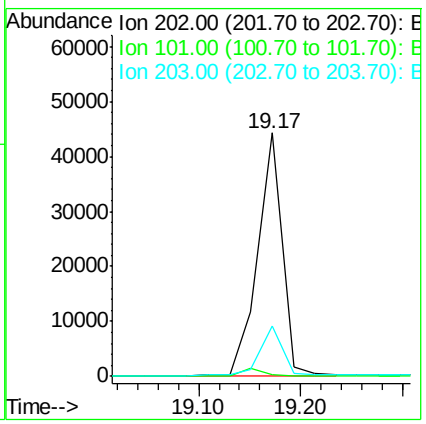


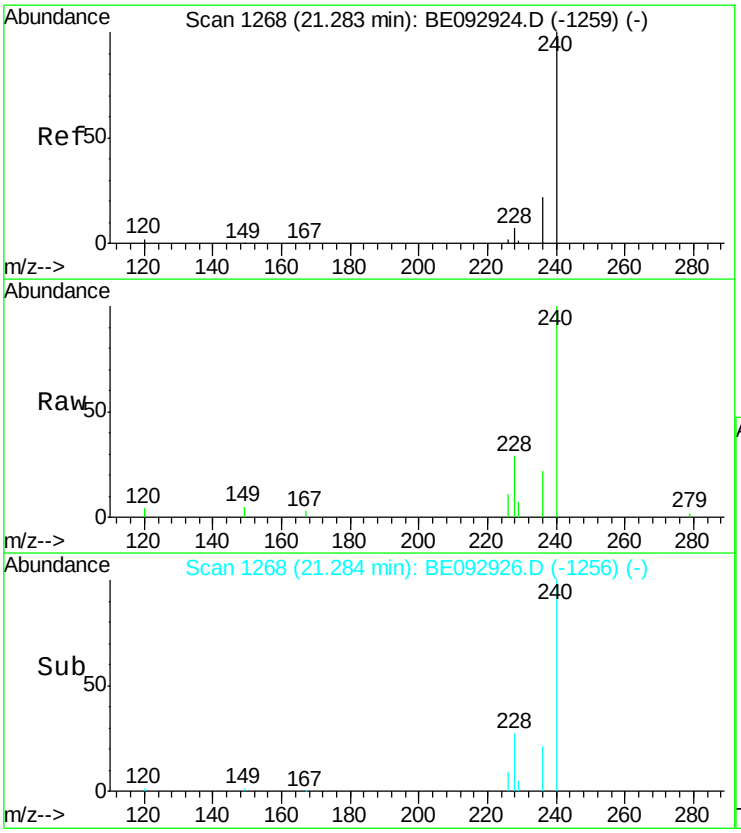
#25
Fluoranthene
Concen: 1.69 ng
RT: 19.17 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:202 Resp: 72216

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	0.0
203	18.4	15.3	22.9

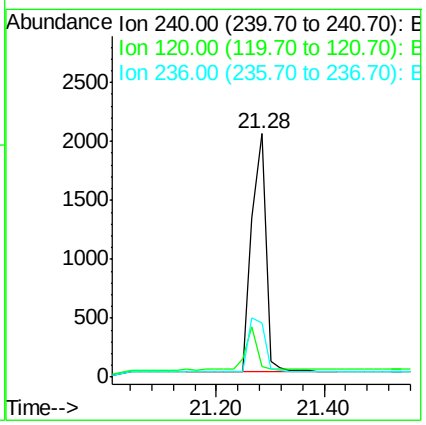


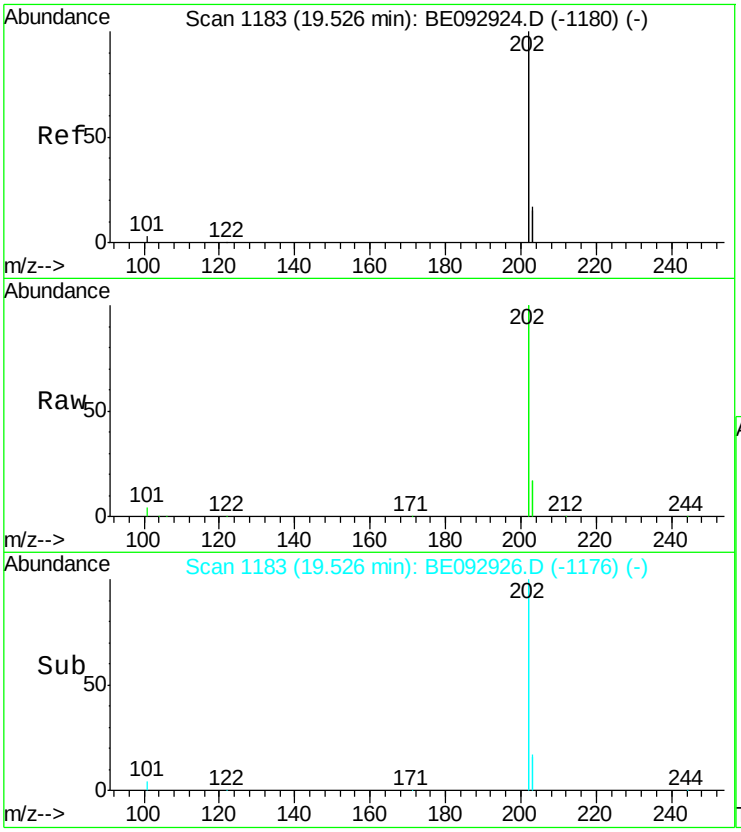


#26
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Tgt Ion:240 Resp: 3660

Ion	Ratio	Lower	Upper
240	100		
120	4.4	4.6	6.8#
236	22.5	19.8	29.8



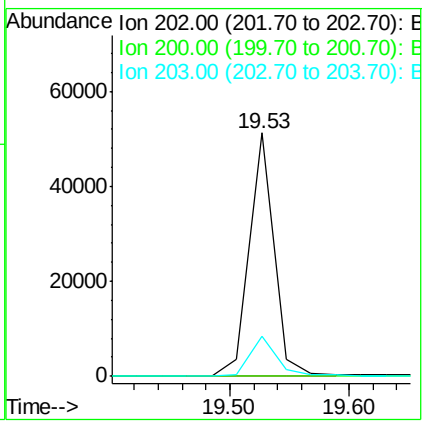


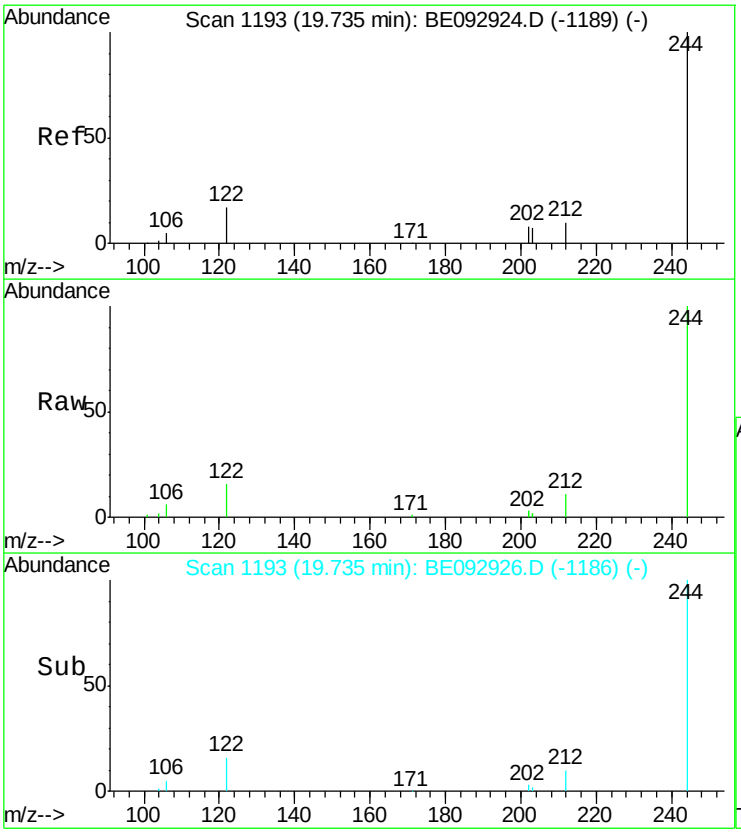
#27
Pyrene
Concen: 1.54 ng
RT: 19.53 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:202 Resp: 73478

Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	16.9	13.5	20.3

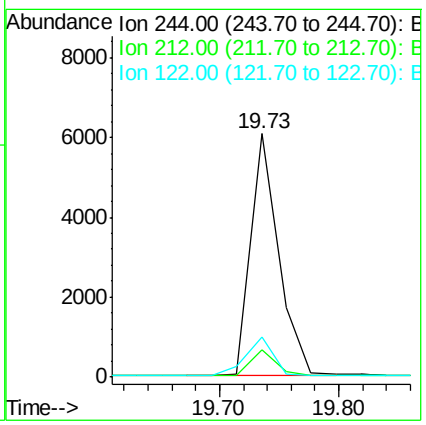


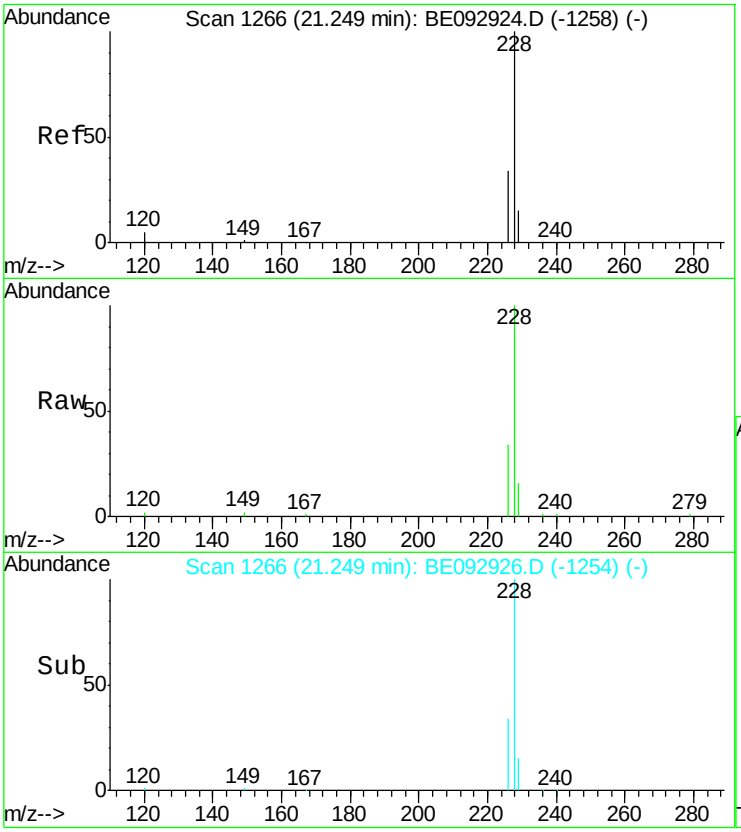


#28
Terphenyl-d14
Concen: 1.55 ng
RT: 19.73 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Tgt Ion:244 Resp: 9851

Ion	Ratio	Lower	Upper
244	100		
212	11.0	18.4	27.6#
122	16.3	23.3	34.9#



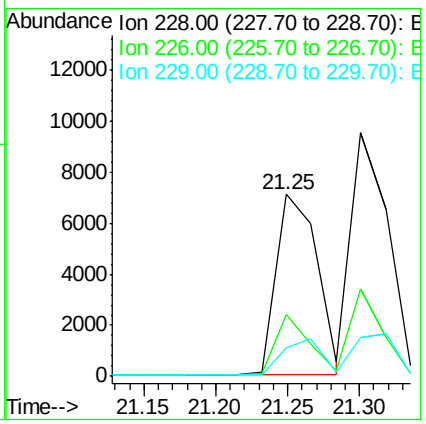


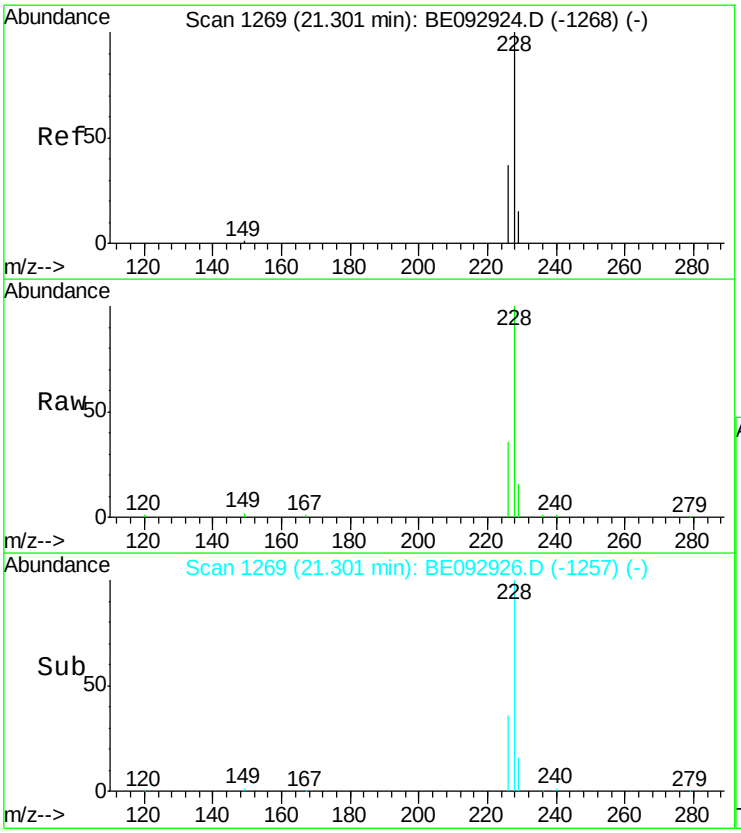
#29
Benzo(a)anthracene
Concen: 1.67 ng
RT: 21.25 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 14222

Ion	Ratio	Lower	Upper
228	100		
226	34.1	32.0	48.0
229	15.8	21.4	32.0#

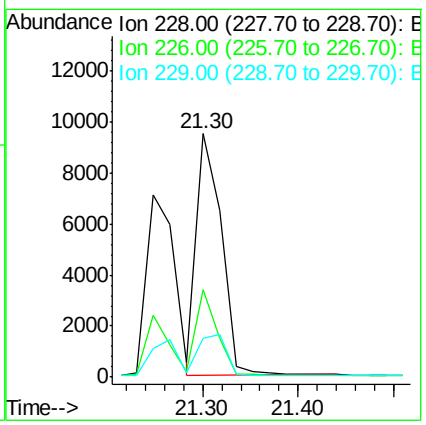


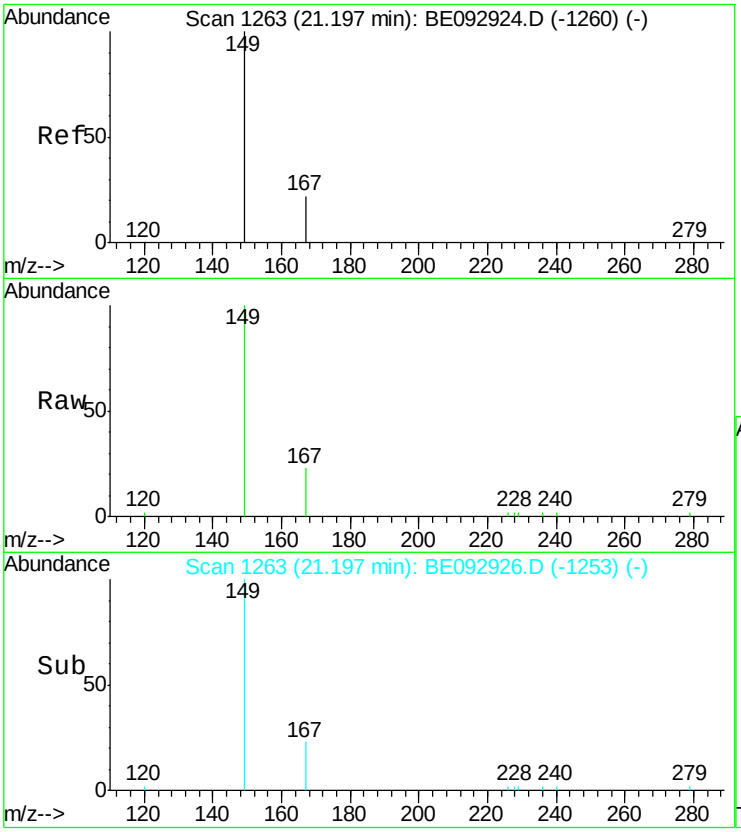


#30
Chrysene
Concen: 1.58 ng
RT: 21.30 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Tgt Ion:228 Resp: 17260

Ion	Ratio	Lower	Upper
228	100		
226	36.1	34.2	51.2
229	16.1	18.6	28.0#



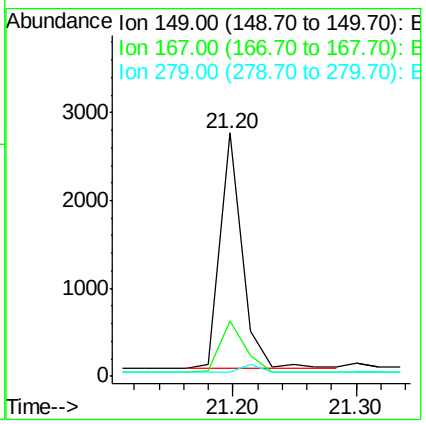


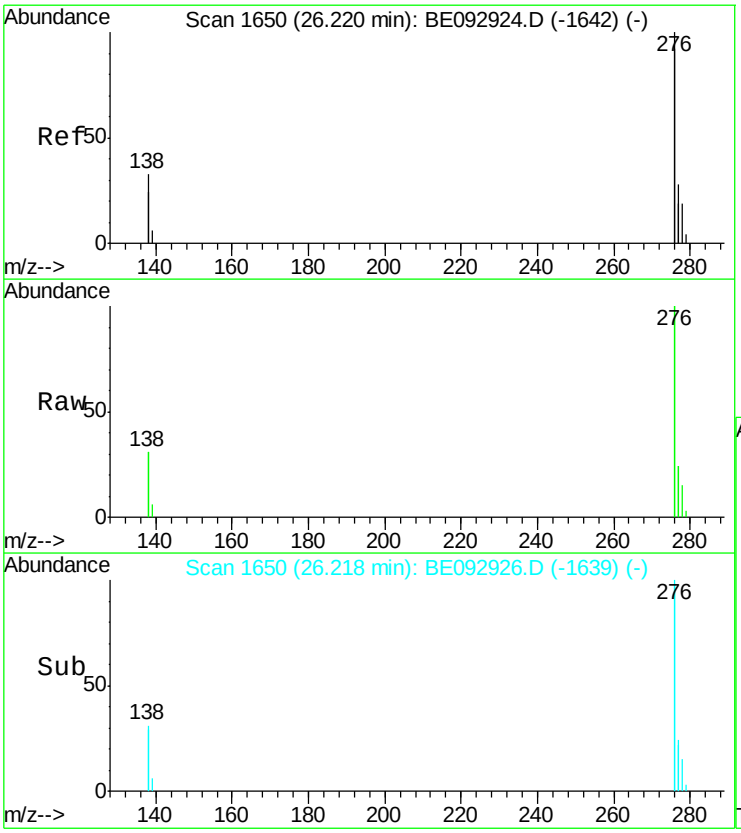
#31
Bis(2-ethylhexyl)phthalate
Concen: 1.53 ng
RT: 21.20 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:149 Resp: 3360

Ion	Ratio	Lower	Upper
149	100		
167	24.1	20.9	31.3
279	3.0	0.0	0.0#

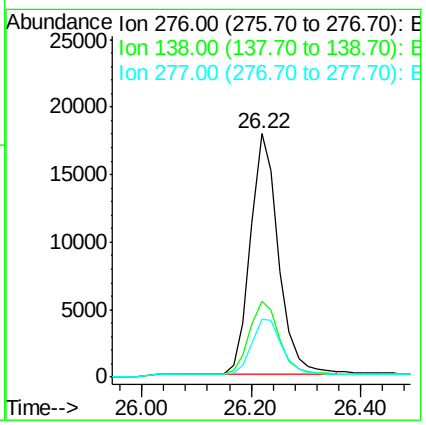


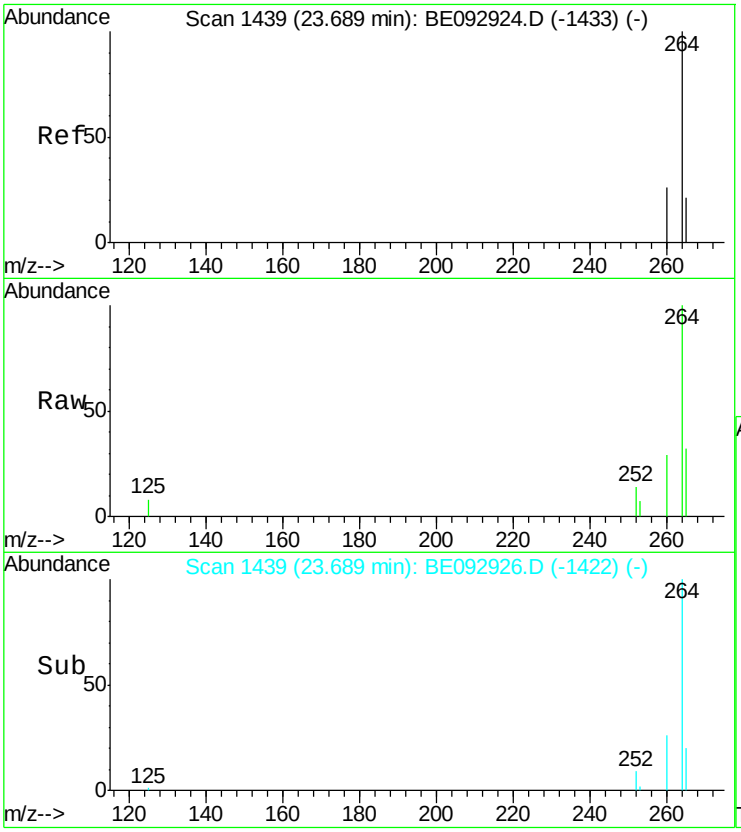


#32
Indeno(1,2,3-cd)pyrene
Concen: 1.78 ng
RT: 26.22 min Scan# 1650
Delta R.T. -0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Tgt Ion:276 Resp: 63733

Ion	Ratio	Lower	Upper
276	100		
138	32.5	25.8	38.6
277	24.9	20.2	30.4



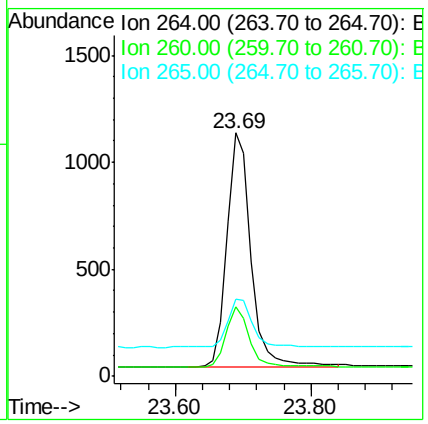


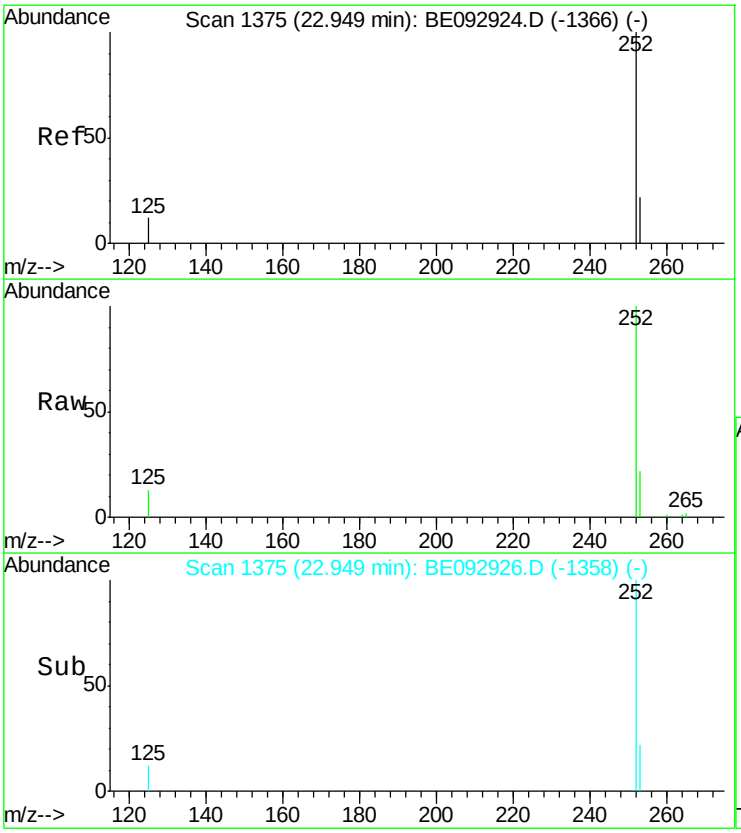
#33
Perylene-d12
Concen: 0.40 ng
RT: 23.69 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:264 Resp: 2714

Ion	Ratio	Lower	Upper
264	100		
260	28.8	23.5	35.3
265	31.5	27.2	40.8

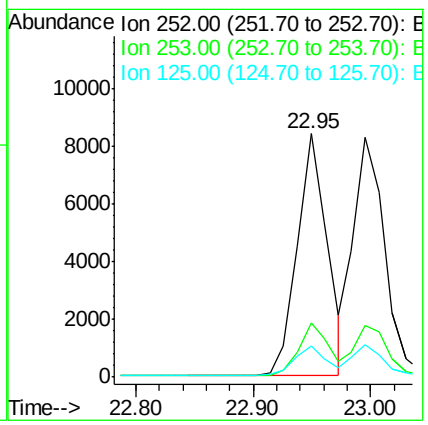


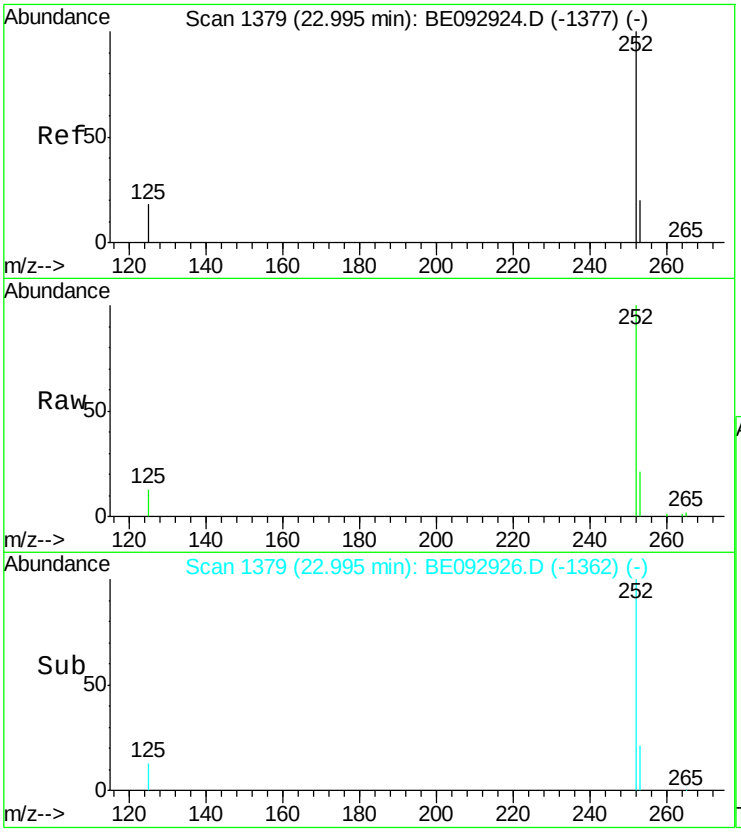


#34
Benzo(b)fluoranthene
Concen: 1.56 ng
RT: 22.95 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Tgt Ion:252 Resp: 14861

Ion	Ratio	Lower	Upper
252	100		
253	22.1	24.7	37.1#
125	12.9	20.3	30.5#



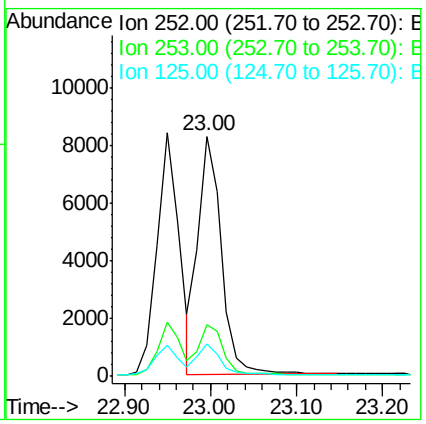


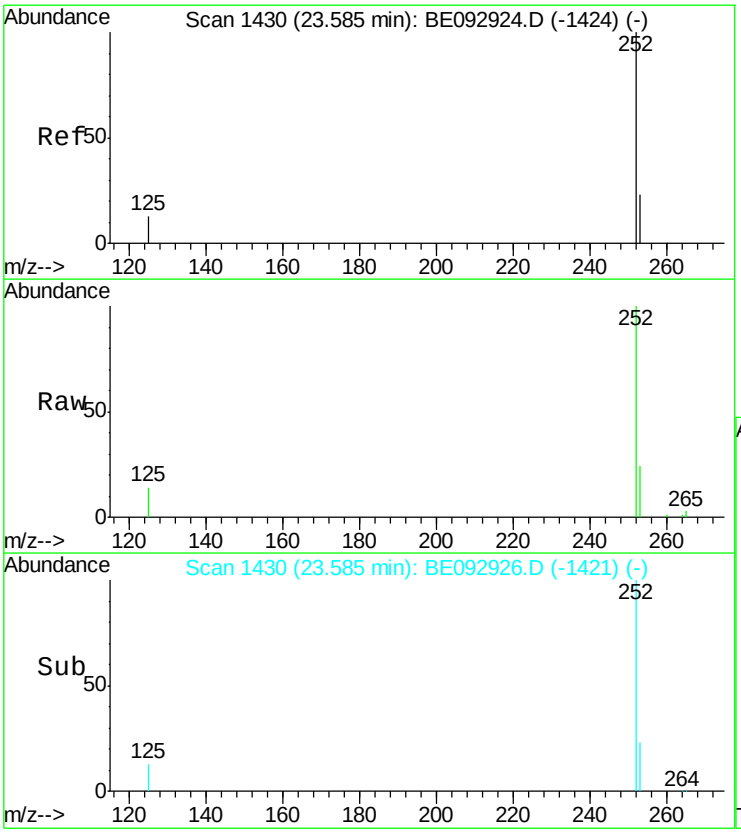
#35
Benzo(k)fluoranthene
Concen: 1.59 ng
RT: 23.00 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 15441

Ion	Ratio	Lower	Upper
252	100		
253	21.3	25.8	38.8#
125	13.4	22.9	34.3#

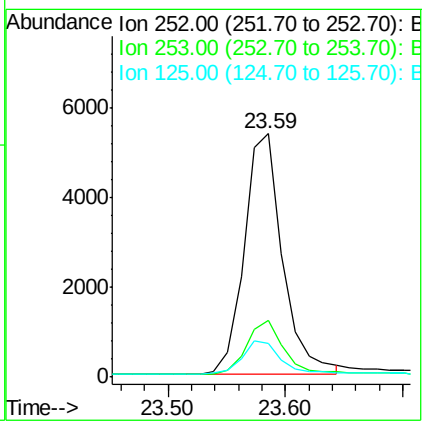


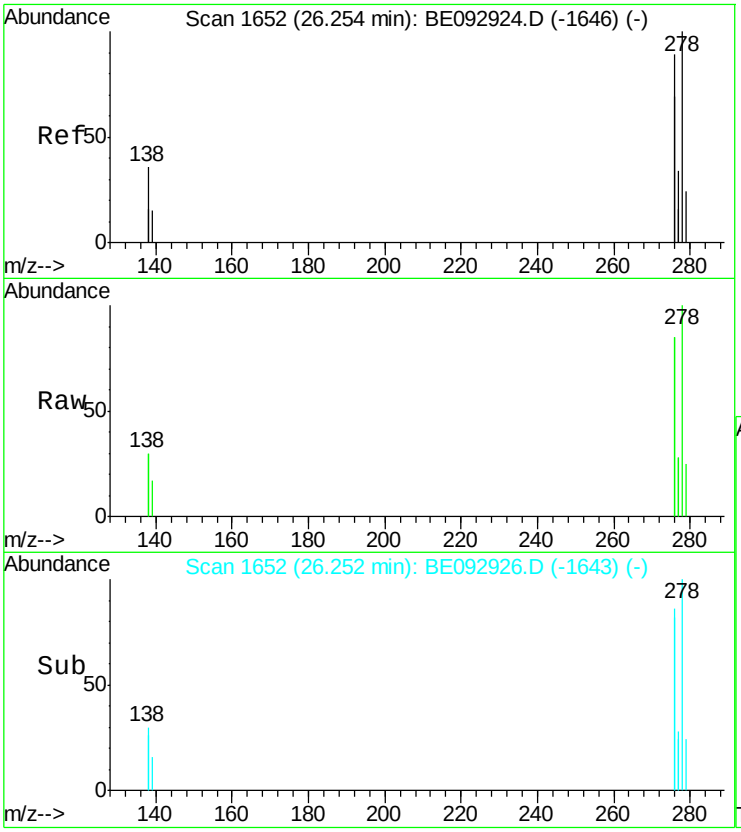


#36
Benzo(a)pyrene
Concen: 1.59 ng
RT: 23.59 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Tgt Ion:252 Resp: 12190

Ion	Ratio	Lower	Upper
252	100		
253	23.5	31.3	46.9#
125	13.8	26.4	39.6#



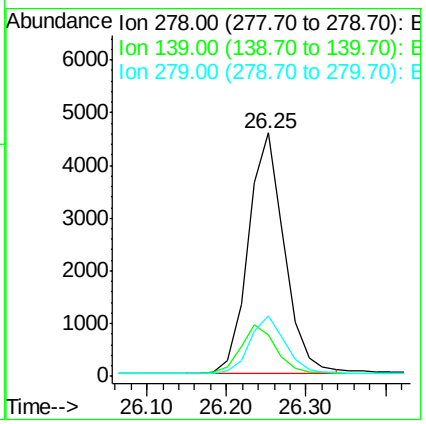


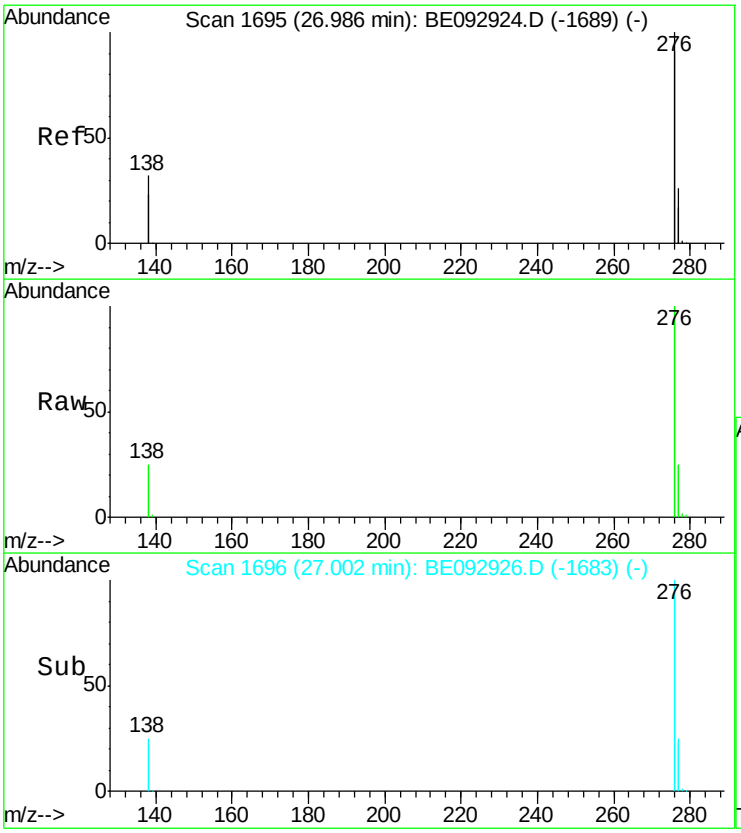
#37
Dibenzo(a,h)anthracene
Concen: 1.69 ng
RT: 26.25 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:278 Resp: 14451

Ion	Ratio	Lower	Upper
278	100		
139	17.2	27.4	41.2#
279	24.8	33.3	49.9#





#38
Benzo(g,h,i)perylene
Concen: 1.60 ng
RT: 27.00 min Scan# 1696
Delta R.T. 0.02 min
Lab File: BE092926.D
Acq: 5 May 2017 12:19

Tgt Ion:276 Resp: 59419

Ion	Ratio	Lower	Upper
276	100		
277	25.4	29.9	44.9#
138	25.4	34.6	51.8#