Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051017\
Data File : BE092971.D
Acq On : 9 May 2017 19:47
Operator : SJ/MA
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED
mohammad
5/11/2017 8:33:06 AM

Quant Time: May 10 02:21:24 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 10 02:13:43 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	755	0.40	ng		0.00
7) Naphthalene-d8	10.53	136	3168	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	1677	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	4101	0.40	ng		0.00
26) Chrysene-d12	21.28	240	4496	0.40	ng		0.00
33) Perylene-d12	23.69	264	3483	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	3306	1.88	ng		0.00
5) Phenol-d6	6.94	99	4370	1.81	ng		0.00
8) Nitrobenzene-d5	8.90	82	4093	1.86	ng		0.00
11) 2-Methylnaphthalene-d10	12.12	152	7459	1.60	ng		-0.02
14) 2,4,6-Tribromophenol	15.86	330	731	2.56	ng		-0.01
15) 2-Fluorobiphenyl	13.01	172	10544	1.41	ng		0.00
24) Fluoranthene-d10	19.15	212	16698	1.74	ng		0.00
28) Terphenyl-d14	19.74	244	11901	1.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	2295	1.57	ng		98
3) n-Nitrosodimethylamine	3.60	42	2136	1.85	ng	#	100
6) bis(2-Chloroethyl)ether	7.20	93	4146	1.51	ng	#	99
9) Naphthalene	10.58	128	13376	1.58	ng		95
10) Hexachlorobutadiene	10.87	225	1882	1.61	ng		99
12) 2-Methylnaphthalene	12.19	142	8303	1.62	ng		96
16) Acenaphthylene	14.10	152	49352	1.83	ng		100
17) Acenaphthene	14.44	154	8595	1.62	ng		96
18) Fluorene	15.43	166	10703	1.64	ng		99
20) Hexachlorobenzene	16.47	284	2797	1.57	ng	#	100
21) Pentachlorophenol	16.79	266	927	2.51	ng	#	78
22) Phenanthrene	17.18	178	18343	1.60	ng		99
23) Anthracene	17.27	178	15515	1.76	ng		98
25) Fluoranthene	19.17	202	90007	1.79	ng	#	99
27) Pyrene	19.53	202	97777	1.68	ng	#	98
29) Benzo(a)anthracene	21.27	228	18513	1.75	ng		98
30) Chrysene	21.32	228	22091	1.63	ng		97
31) Bis(2-ethylhexyl)phthalate	21.20	149	6844	2.18	ng		99
32) Indeno(1,2,3-cd)pyrene	26.22	276	75551	1.55	ng		99
34) Benzo(b)fluoranthene	22.95	252	17843m	1.57	ng		
35) Benzo(k)fluoranthene	23.00	252	19099	1.66	ng		94
36) Benzo(a)pyrene	23.59	252	16432	1.73	ng	#	94
37) Dibenzo(a,h)anthracene	26.25	278	16259	1.54	ng		92
38) Benzo(g,h,i)perylene	27.00	276	69865	1.56	ng		95

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

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Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051017\
Data File : BE092971.D
Acq On : 9 May 2017 19:47
Operator : SJ/MA
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 10 02:21:24 2017
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Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED
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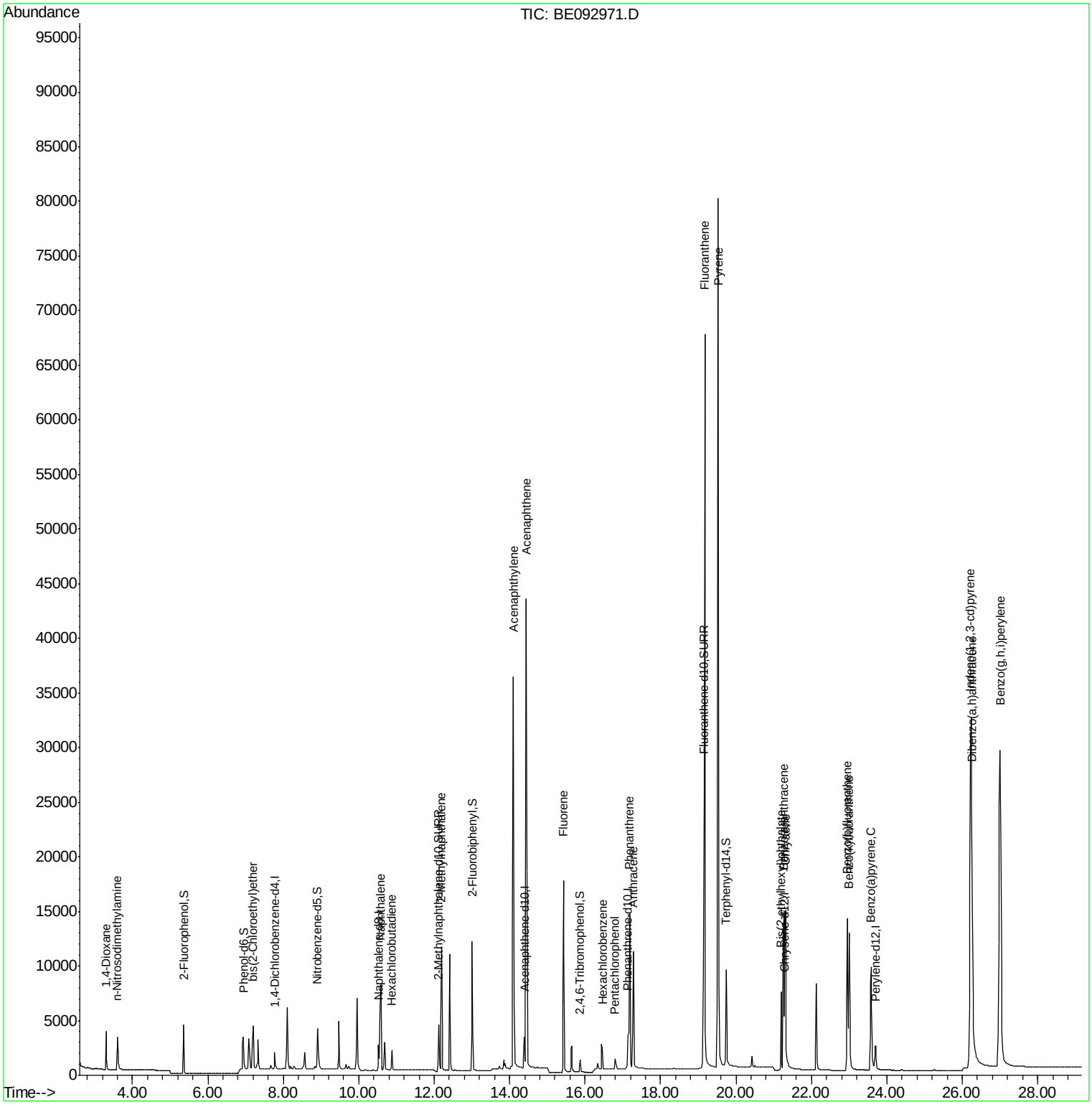
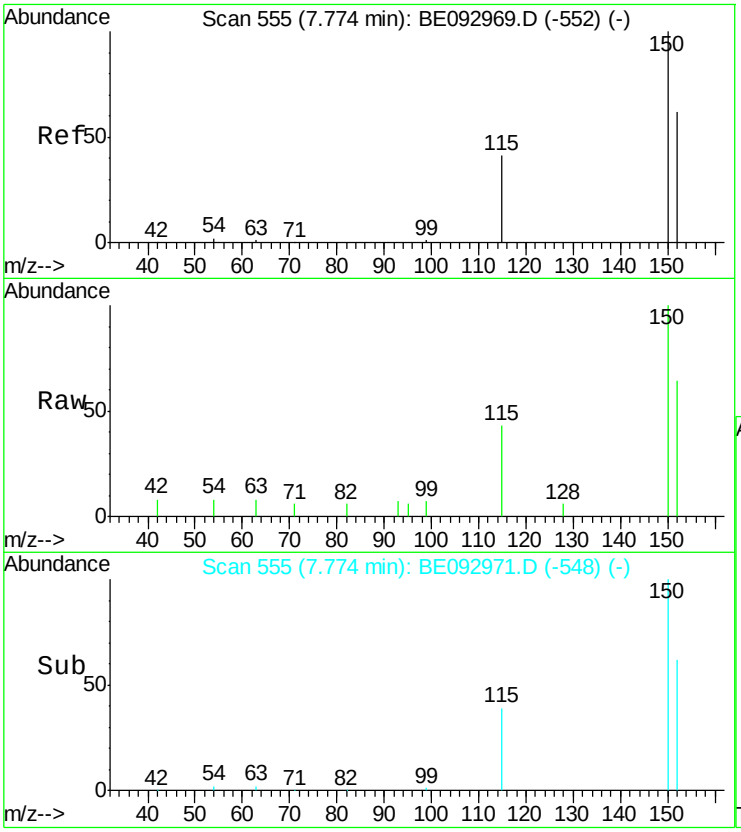
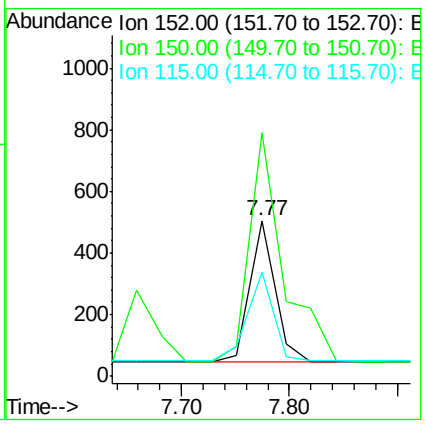




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. -0.00 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion:152 Resp: 755

Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.1	187.7
115	66.9	55.7	83.5



Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

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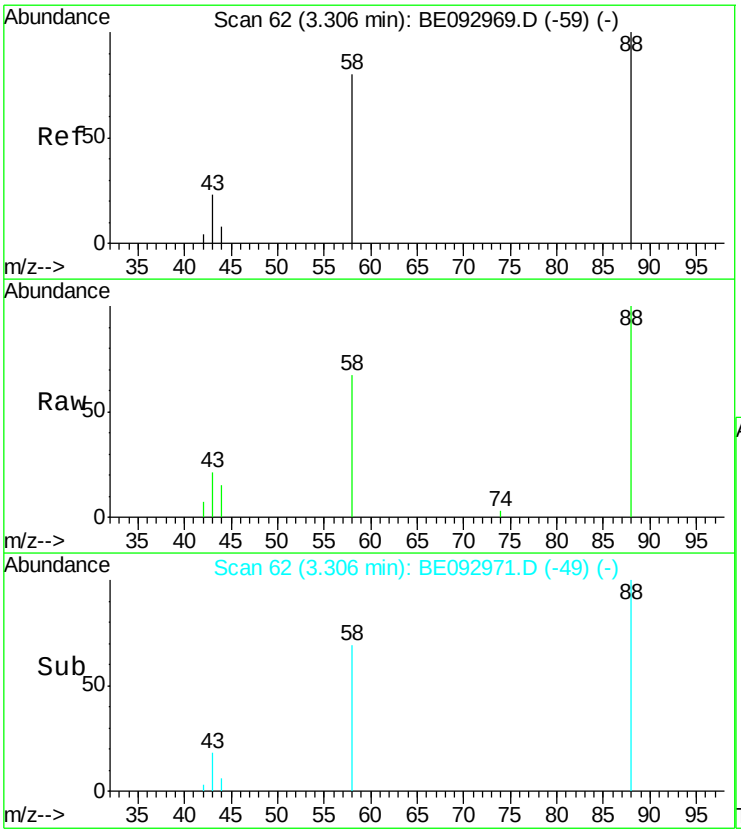
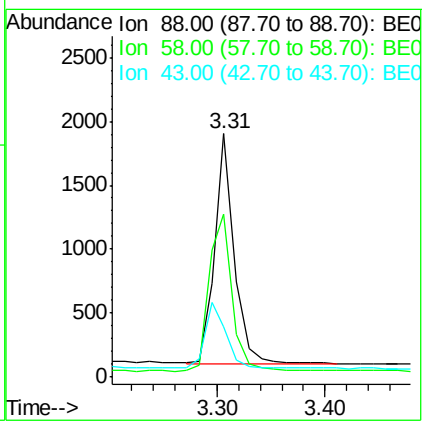
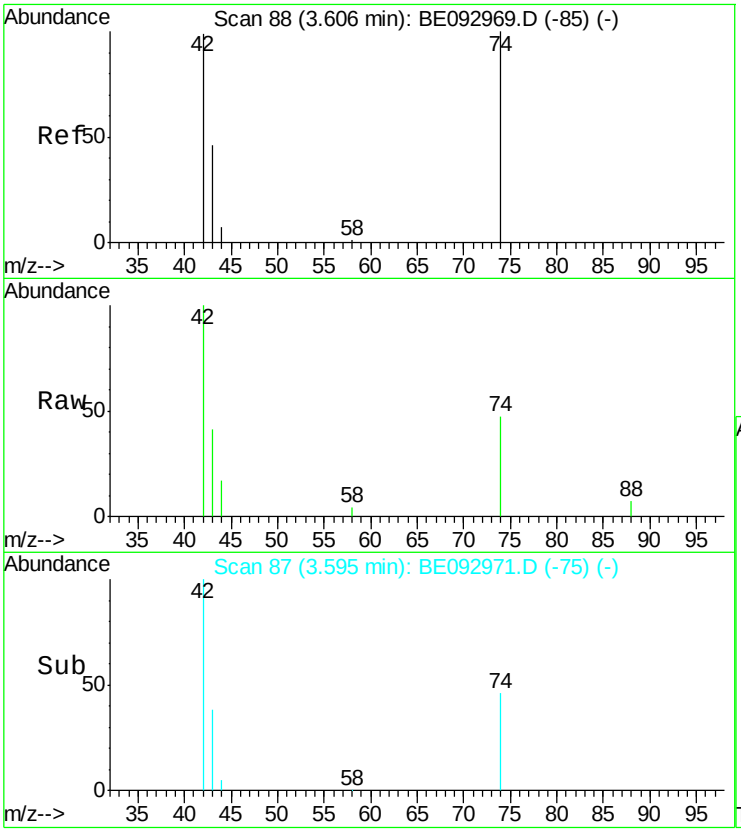


#2
1,4-Dioxane
Concen: 1.57 ng
RT: 3.31 min Scan# 62
Delta R.T. 0.00 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion: 88 Resp: 2295

Ion	Ratio	Lower	Upper
88	100		
58	79.4	62.2	93.4
43	30.6	23.2	34.8

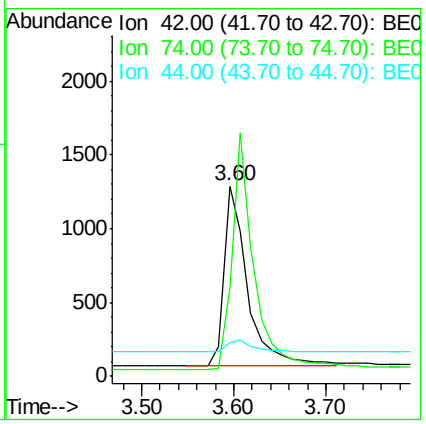




#3
n-Nitrosodimethylamine
Concen: 1.85 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.01 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion: 42 Resp: 2136

Ion	Ratio	Lower	Upper
42	100		
74	123.9	99.1	148.7
44	7.4	7.4	11.2#



Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

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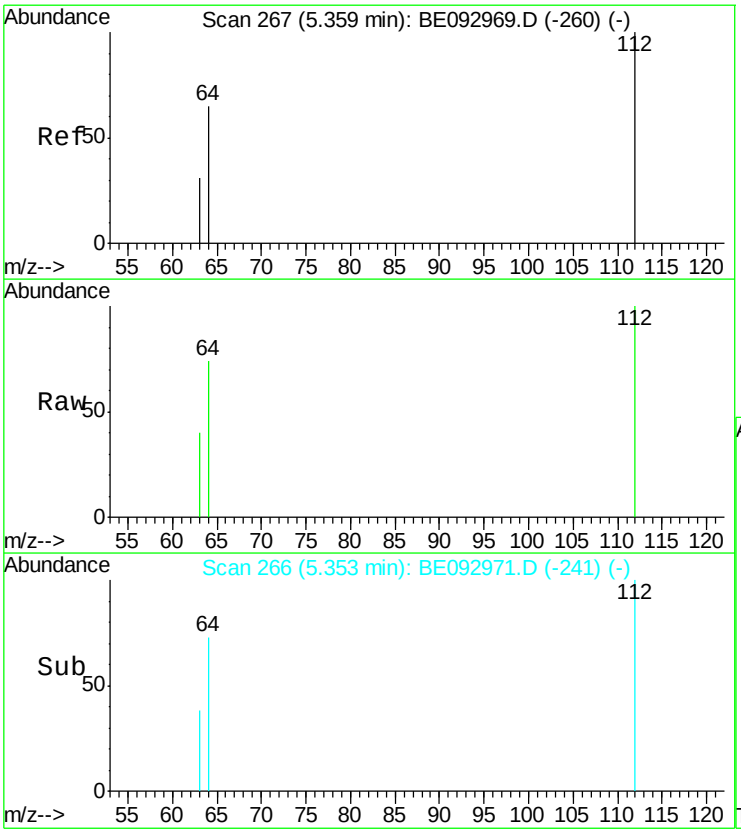
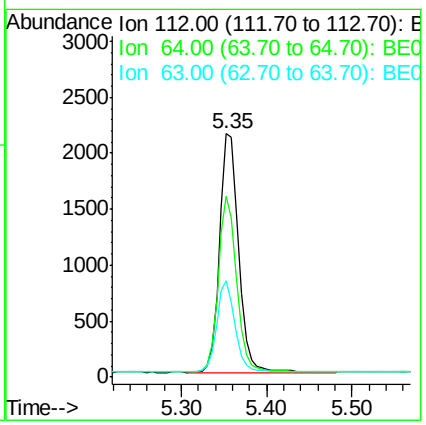
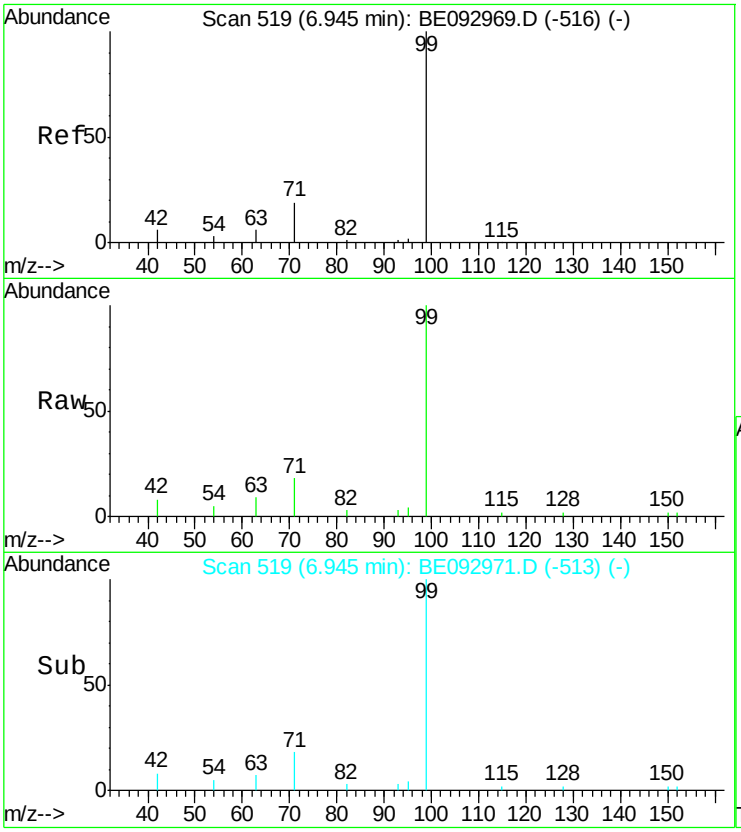


#4
2-Fluorophenol
Concen: 1.88 ng
RT: 5.35 min Scan# 266
Delta R.T. -0.01 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion:112 Resp: 3306

Ion	Ratio	Lower	Upper
112	100		
64	71.3	56.4	84.6
63	36.8	29.3	43.9

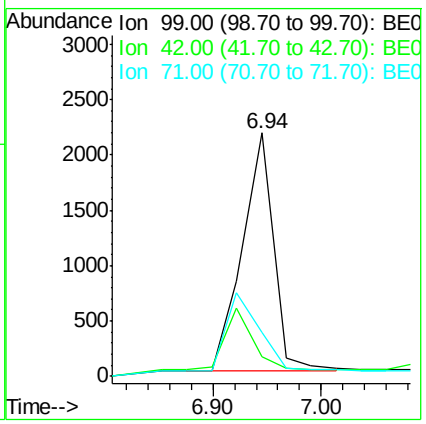




#5
Phenol-d6
Concen: 1.81 ng
RT: 6.94 min Scan# 519
Delta R.T. -0.00 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion: 99 Resp: 4370

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	0.0	0.0	0.0



Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

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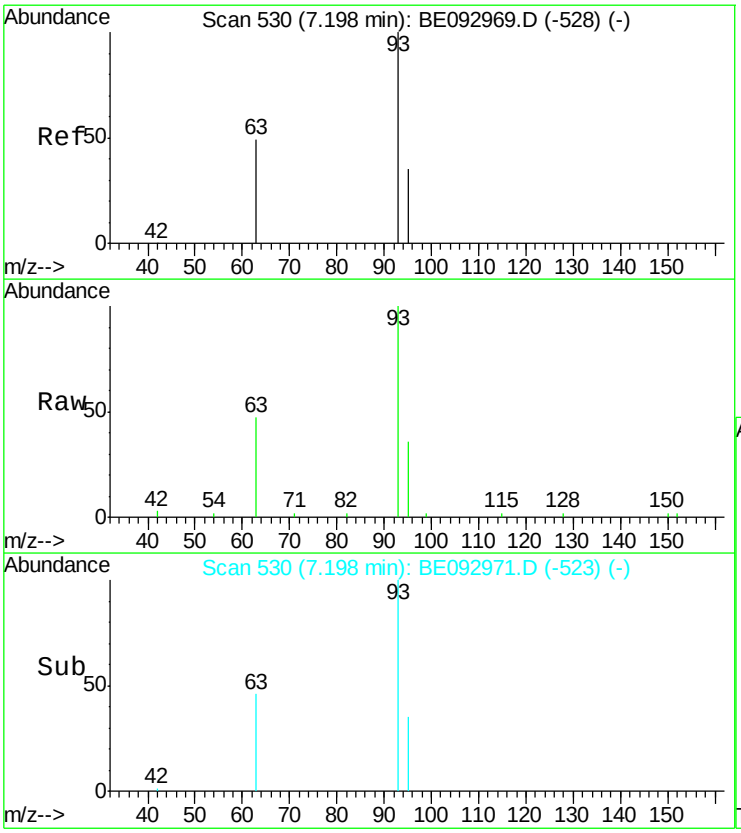
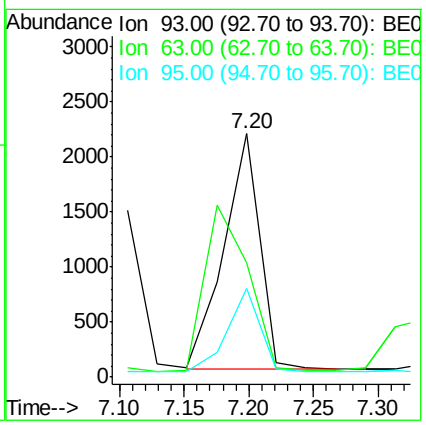
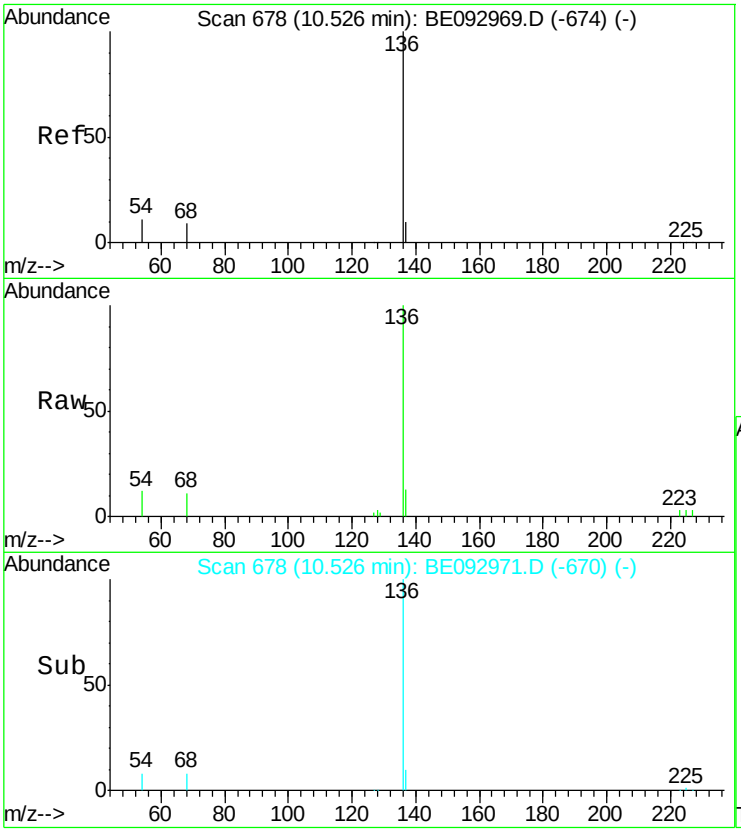


#6
bis(2-Chloroethyl)ether
Concen: 1.51 ng
RT: 7.20 min Scan# 530
Delta R.T. -0.00 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion: 93 Resp: 4146

Ion	Ratio	Lower	Upper
93	100		
63	0.0	0.0	0.0
95	32.3	25.4	38.0

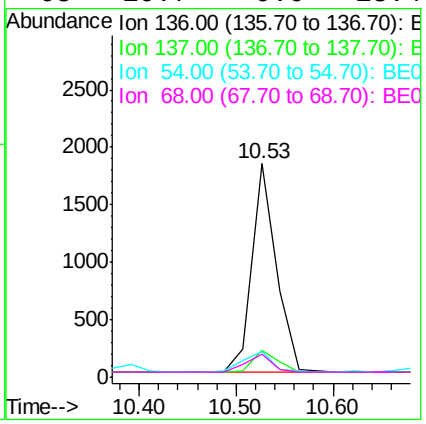




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.53 min Scan# 678
Delta R.T. 0.00 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion:136 Resp: 3168

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.8	14.8
54	12.1	10.3	15.5
68	10.7	9.0	13.4



Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

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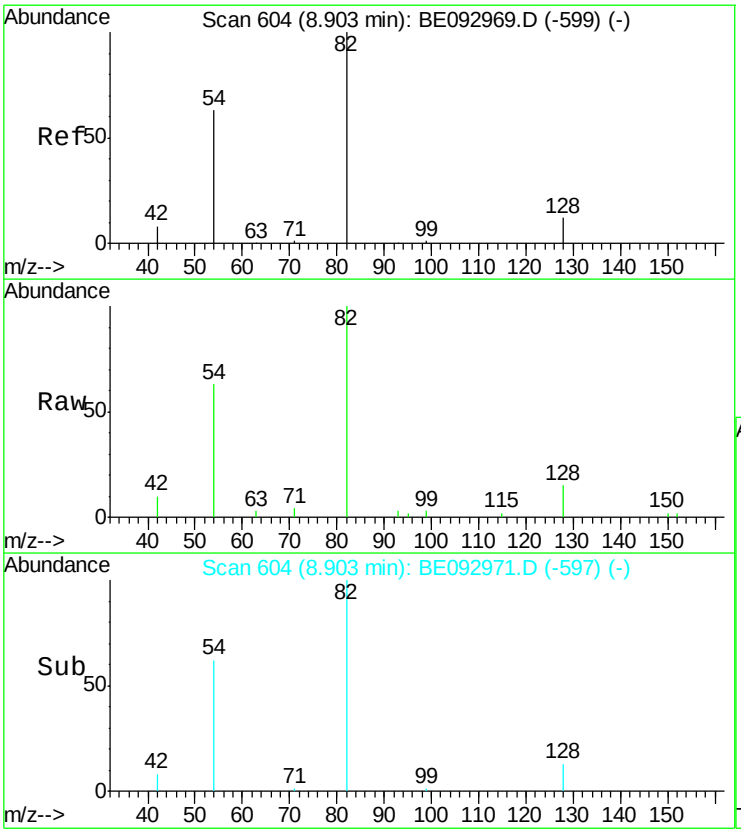
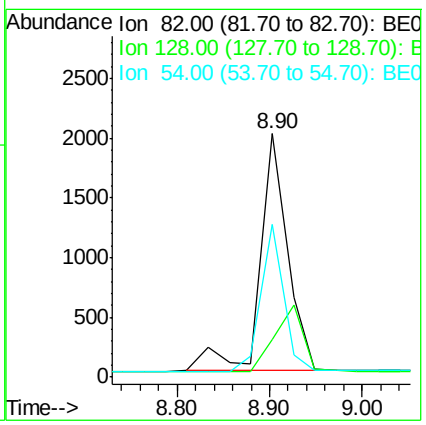
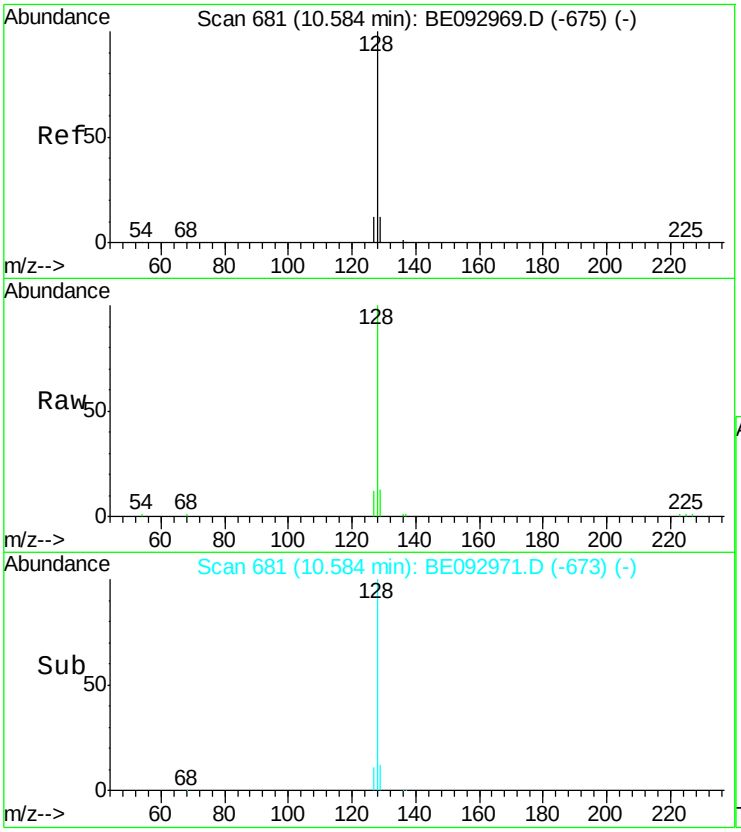


#8
Nitrobenzene-d5
Concen: 1.86 ng
RT: 8.90 min Scan# 604
Delta R.T. -0.00 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion: 82 Resp: 4093

Ion	Ratio	Lower	Upper
82	100		
128	15.4	17.0	25.4#
54	62.8	53.8	80.6

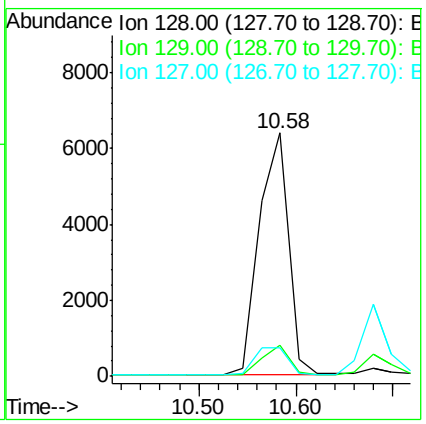




#9
Naphthalene
Concen: 1.58 ng
RT: 10.58 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion:128 Resp: 13376

Ion	Ratio	Lower	Upper
128	100		
129	12.6	11.4	17.0
127	11.7	11.2	16.8



Instrument :
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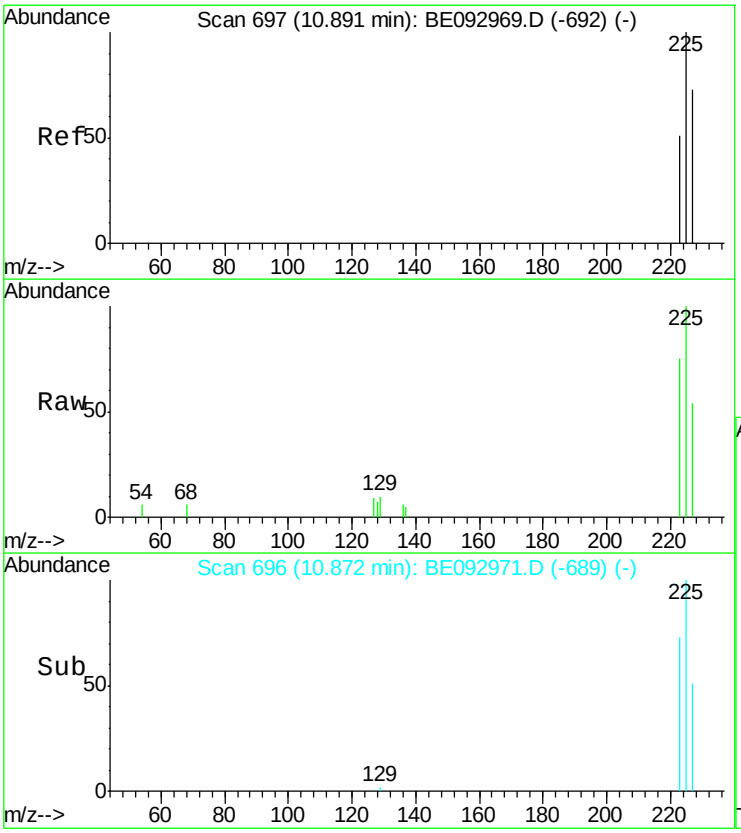
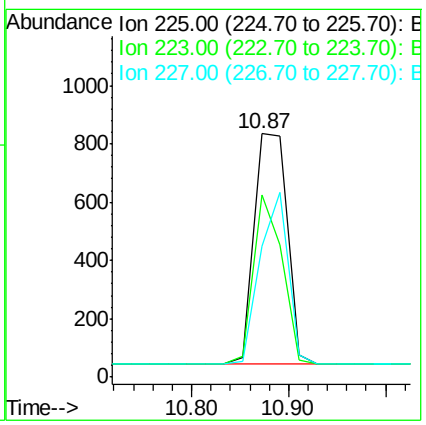
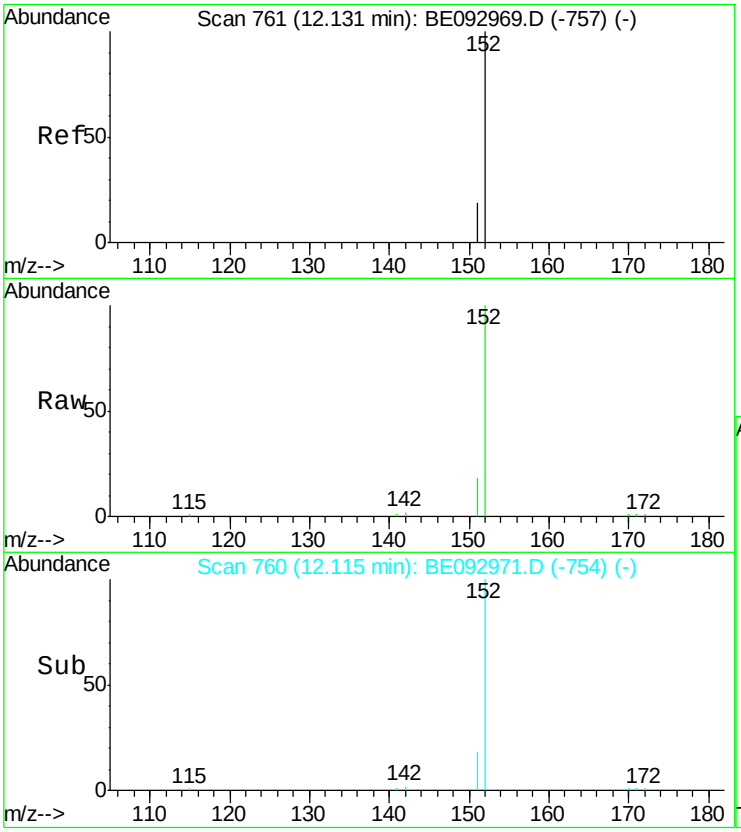


#10
Hexachlorobutadiene
Concen: 1.61 ng
RT: 10.87 min Scan# 696
Delta R.T. -0.02 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion:225 Resp: 1882

Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.7	74.5
227	63.5	50.3	75.5

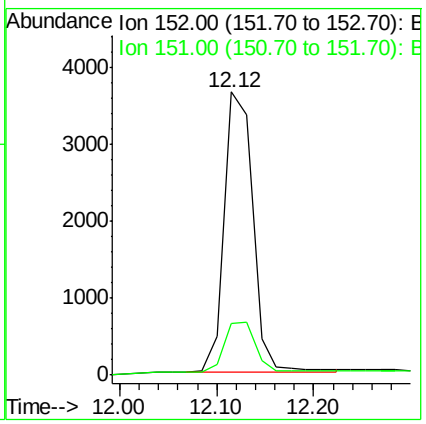




#11
2-Methylnaphthalene-d10
Concen: 1.60 ng
RT: 12.12 min Scan# 760
Delta R.T. -0.02 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion:152 Resp: 7459

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.1	22.7



Instrument :
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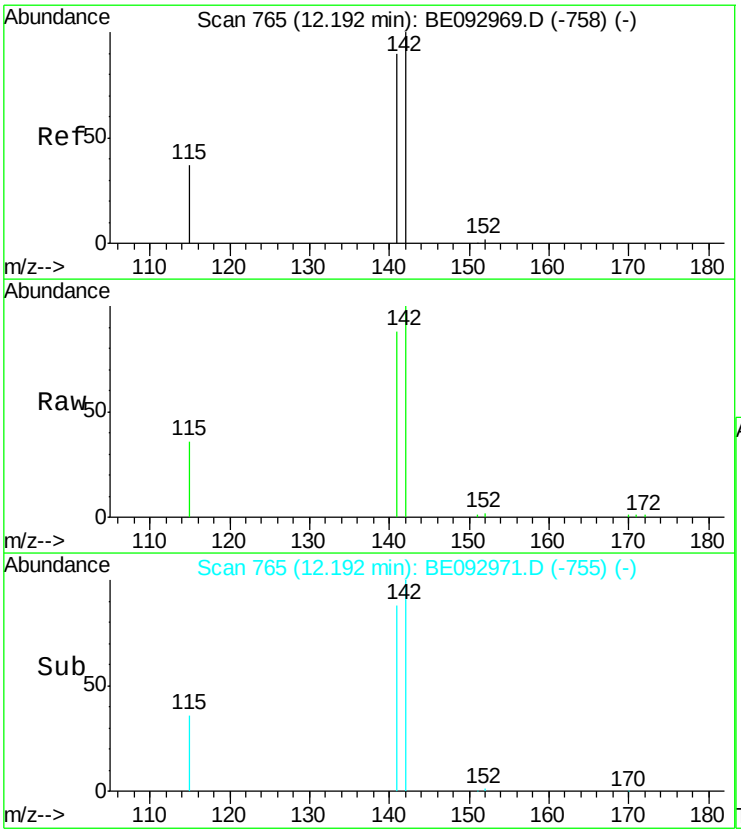
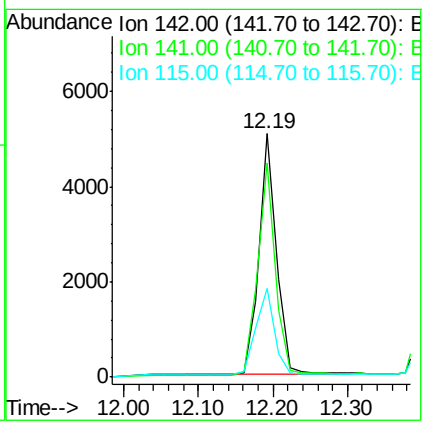
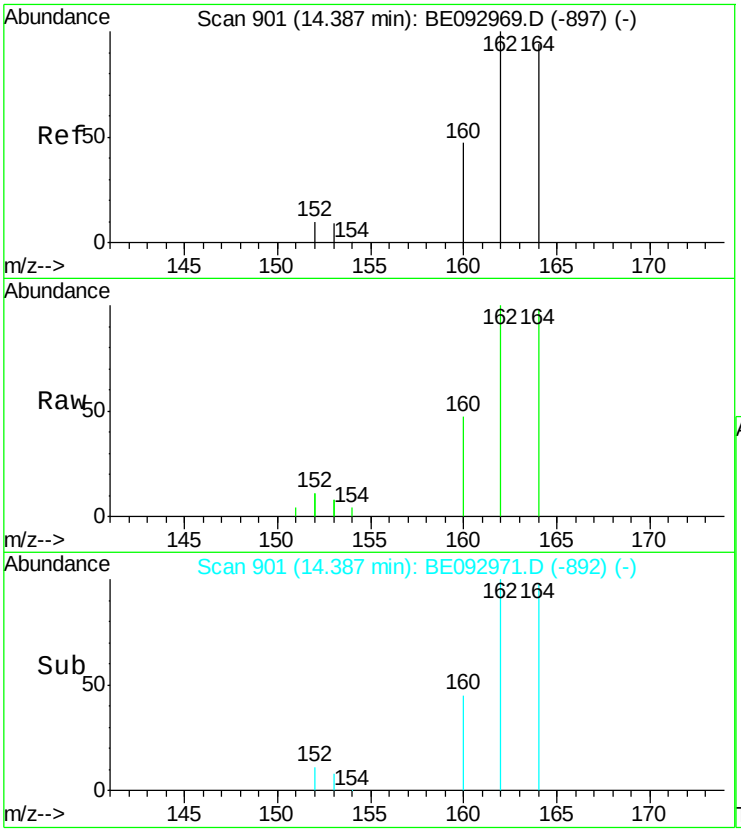


#12
2-Methylnaphthalene
Concen: 1.62 ng
RT: 12.19 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion:142 Resp: 8303

Ion	Ratio	Lower	Upper
142	100		
141	87.9	72.6	108.8
115	36.5	32.2	48.2

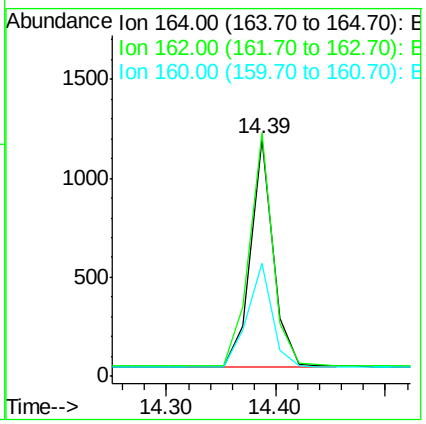




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion:164 Resp: 1677

Ion	Ratio	Lower	Upper
164	100		
162	102.4	84.6	127.0
160	47.8	41.8	62.6



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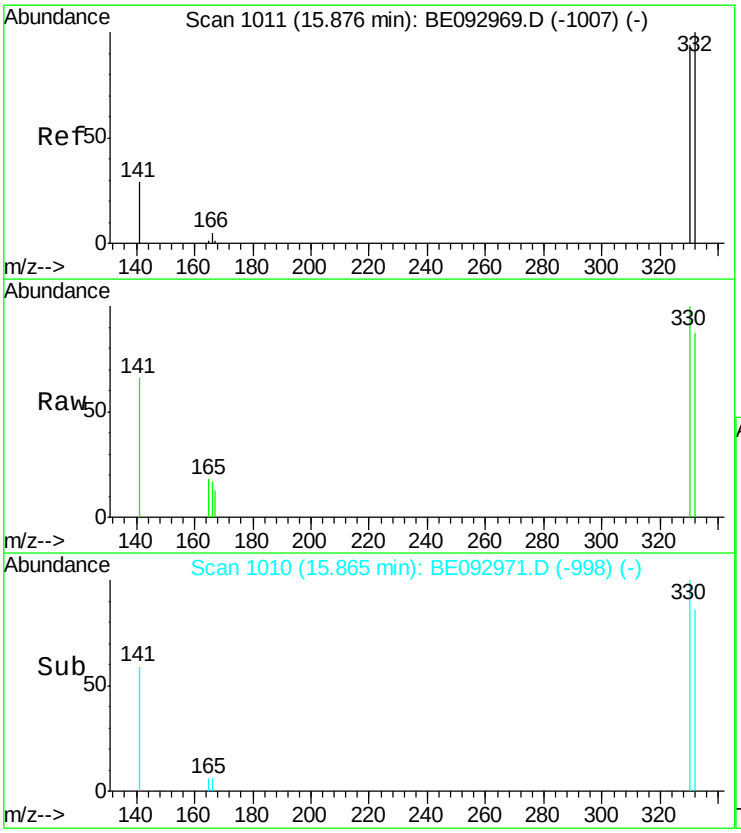
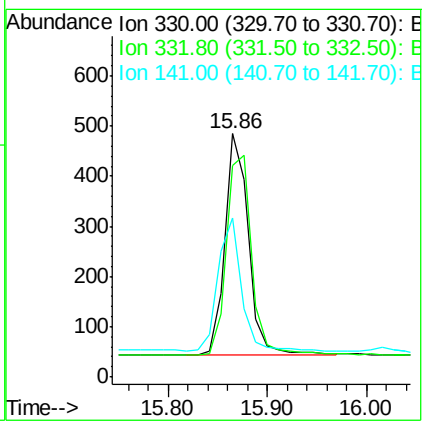
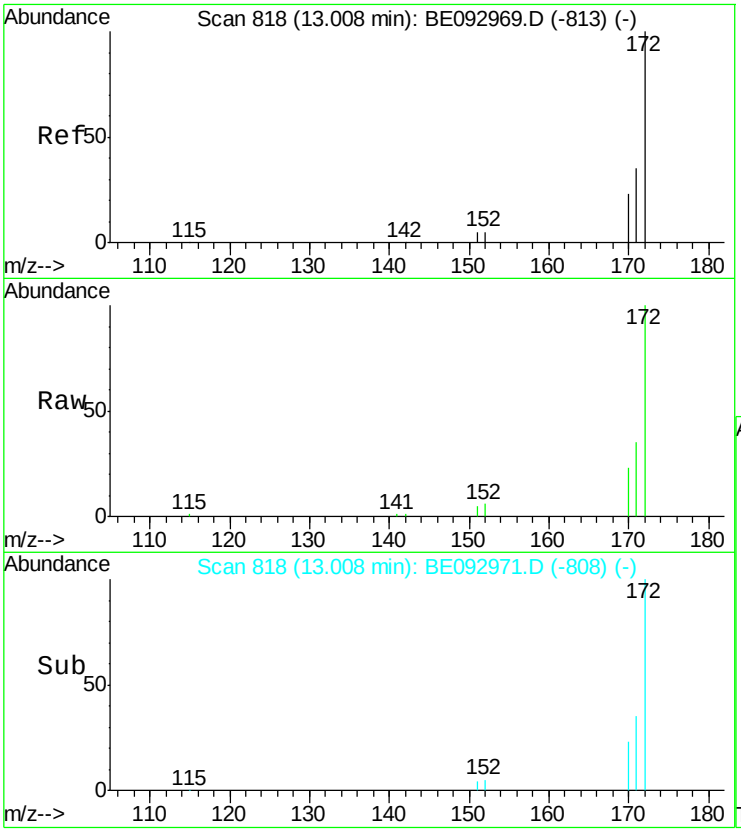


#14
2,4,6-Tribromophenol
Concen: 2.56 ng
RT: 15.86 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion:330 Resp: 731

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.7	116.5
141	58.8	56.2	84.4

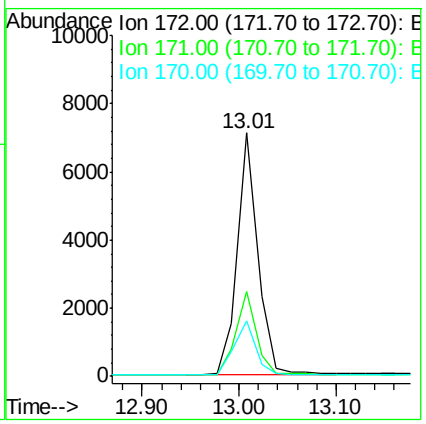




#15
2-Fluorobiphenyl
Concen: 1.41 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion:172 Resp: 10544

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.8	44.6
170	23.0	20.7	31.1



Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED
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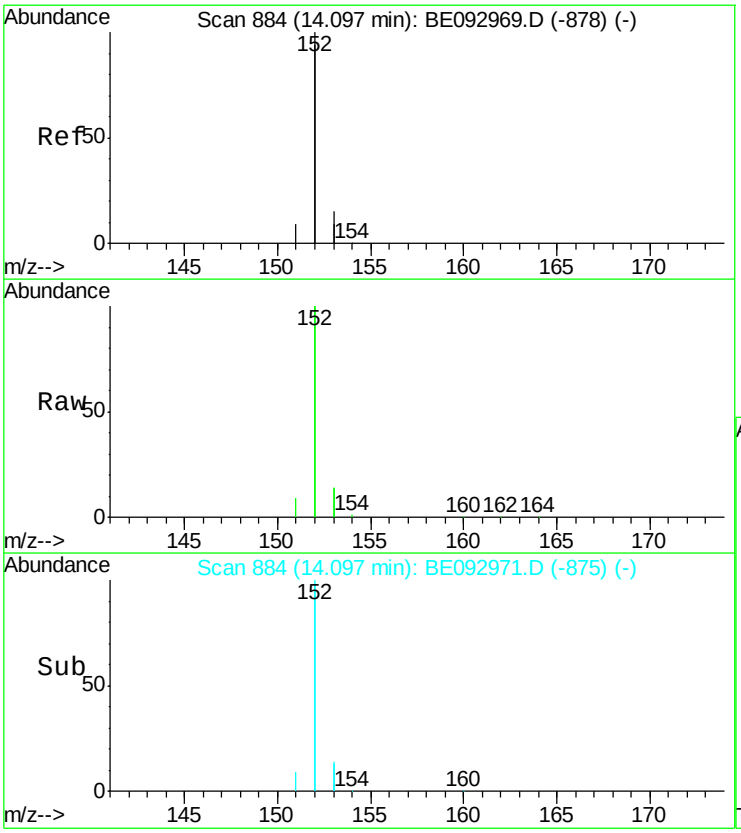
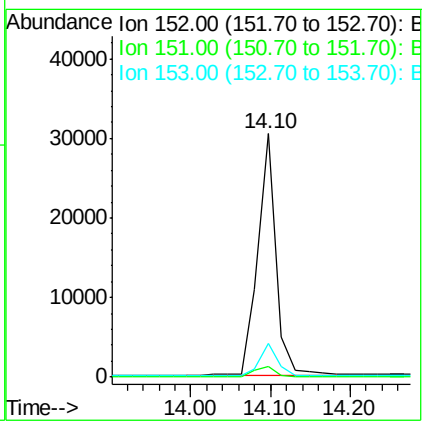
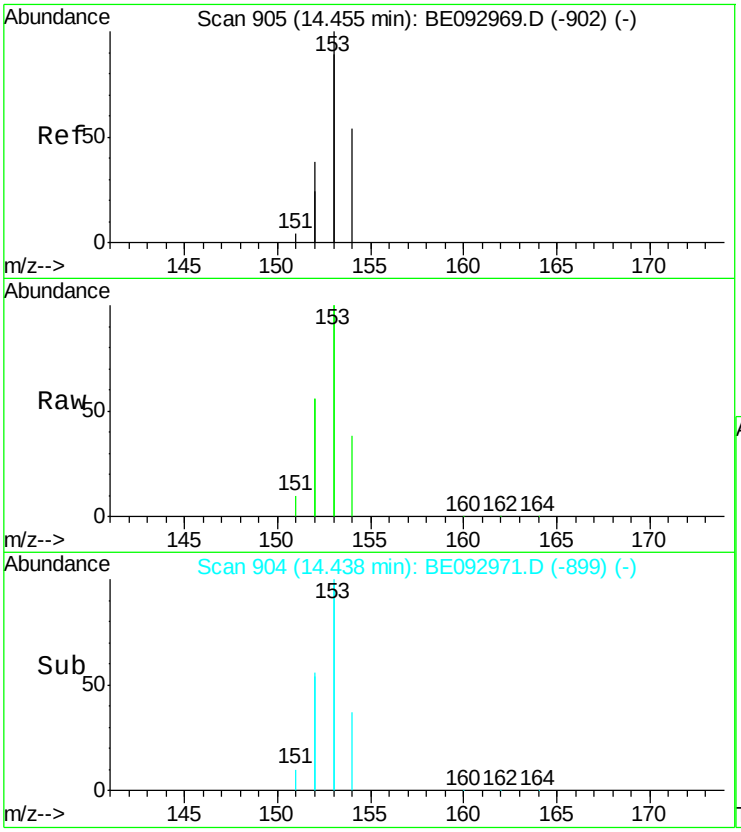


#16
Acenaphthylene
Concen: 1.83 ng
RT: 14.10 min Scan# 884
Delta R.T. -0.00 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion:152 Resp: 49352

Ion	Ratio	Lower	Upper
152	100		
151	4.9	4.0	6.0
153	13.0	10.3	15.5

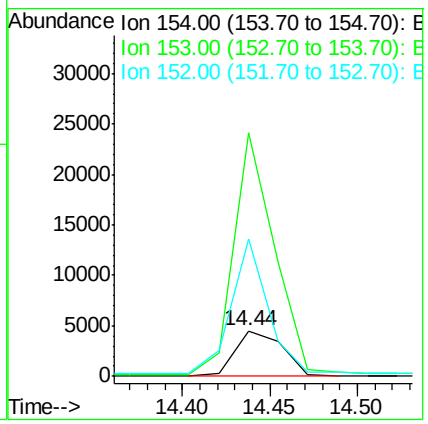




#17
Acenaphthene
Concen: 1.62 ng
RT: 14.44 min Scan# 904
Delta R.T. -0.02 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion:154 Resp: 8595

Ion	Ratio	Lower	Upper
154	100		
153	450.3	367.8	551.6
152	228.7	188.2	282.2



Instrument :
BNA_E
ClientSampleId :
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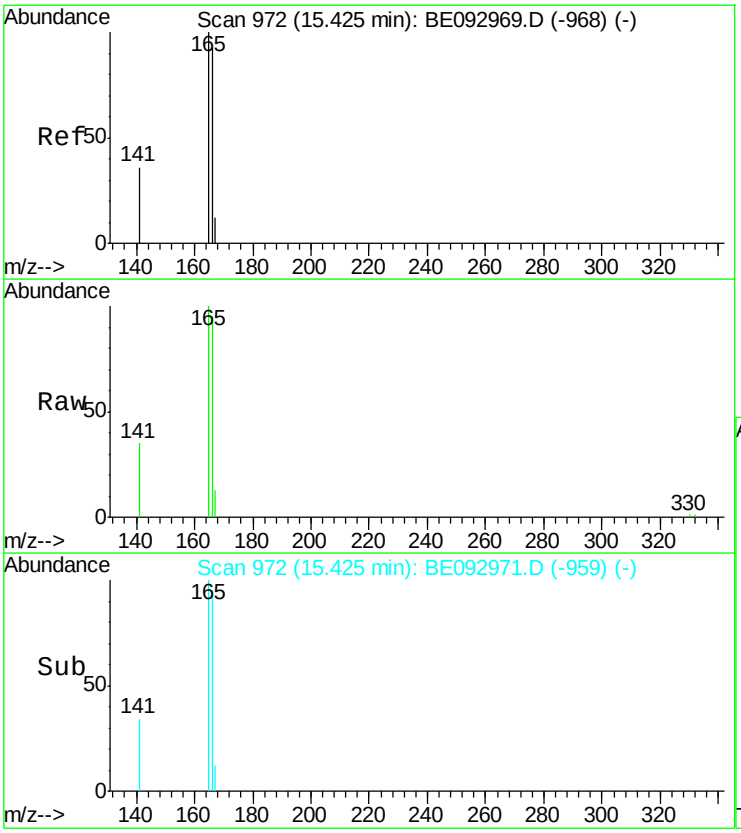
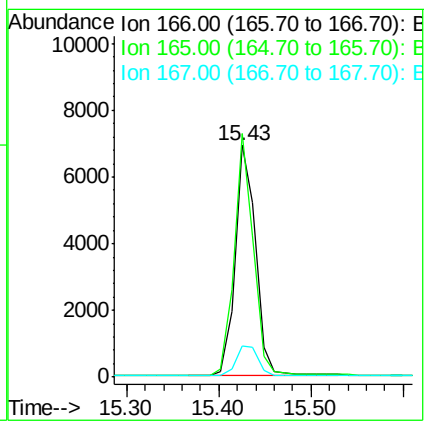
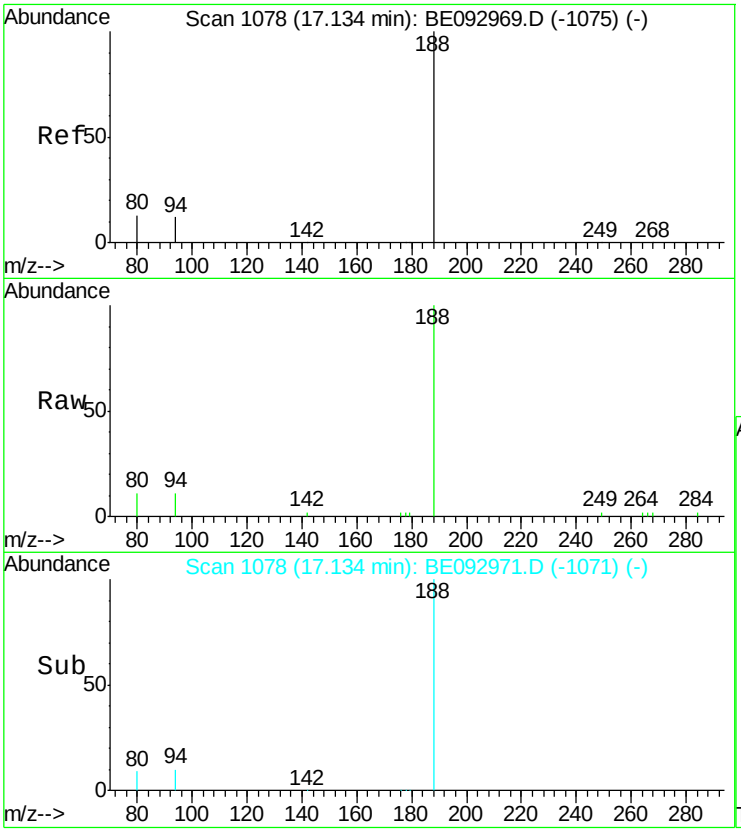


#18
Fluorene
Concen: 1.64 ng
RT: 15.43 min Scan# 972
Delta R.T. 0.00 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion:166 Resp: 10703

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.6	117.8
167	14.1	11.1	16.7





#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion:188 Resp: 4101

Ion	Ratio	Lower	Upper
188	100		
94	11.3	11.3	16.9
80	11.1	11.7	17.5#

Instrument :
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ClientSampleId :
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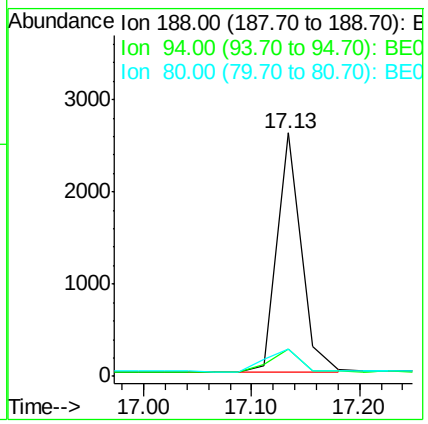
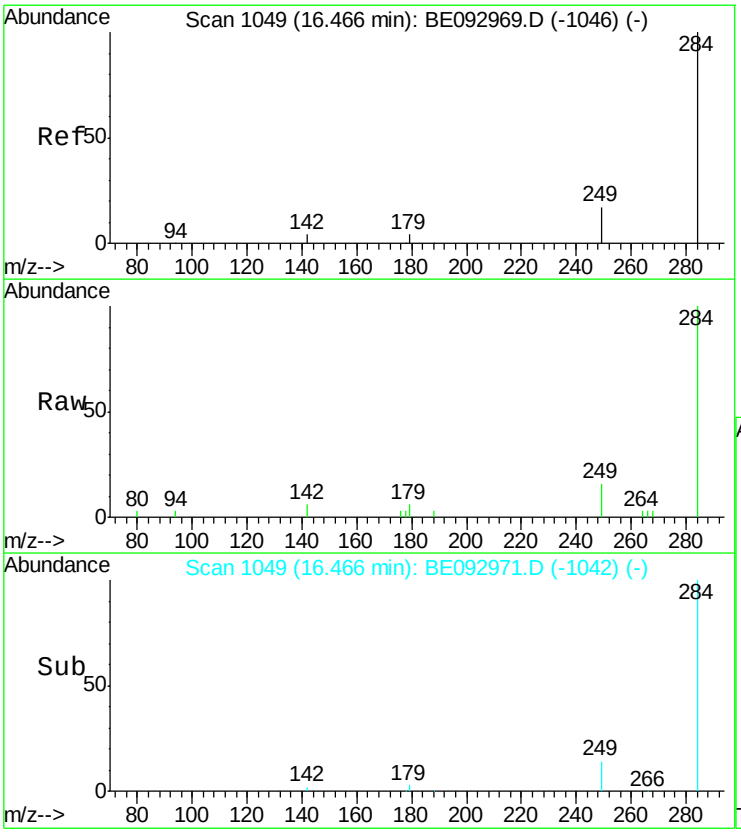
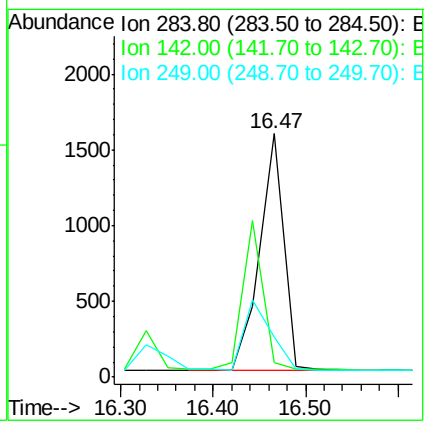


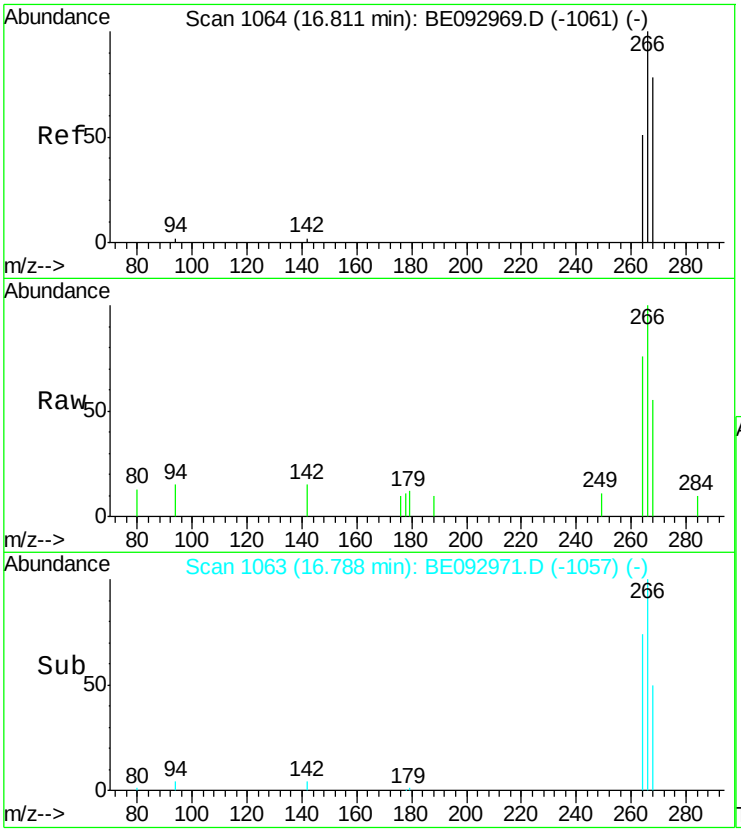


#20
Hexachlorobenzene
Concen: 1.57 ng
RT: 16.47 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion:284 Resp: 2797

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

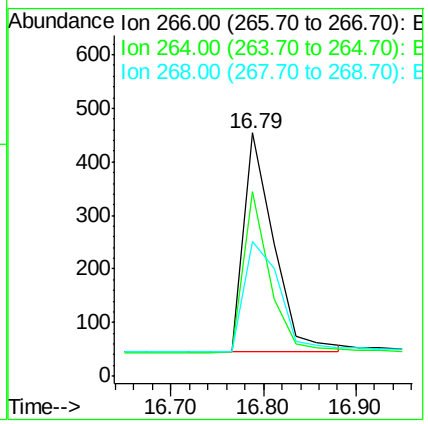




#21
Pentachlorophenol
Concen: 2.51 ng
RT: 16.79 min Scan# 1063
Delta R.T. -0.02 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion:266 Resp: 927

Ion	Ratio	Lower	Upper
266	100		
264	76.0	58.2	87.2
268	55.3	71.9	107.9#



Instrument :
BNA_E
ClientSampleId :
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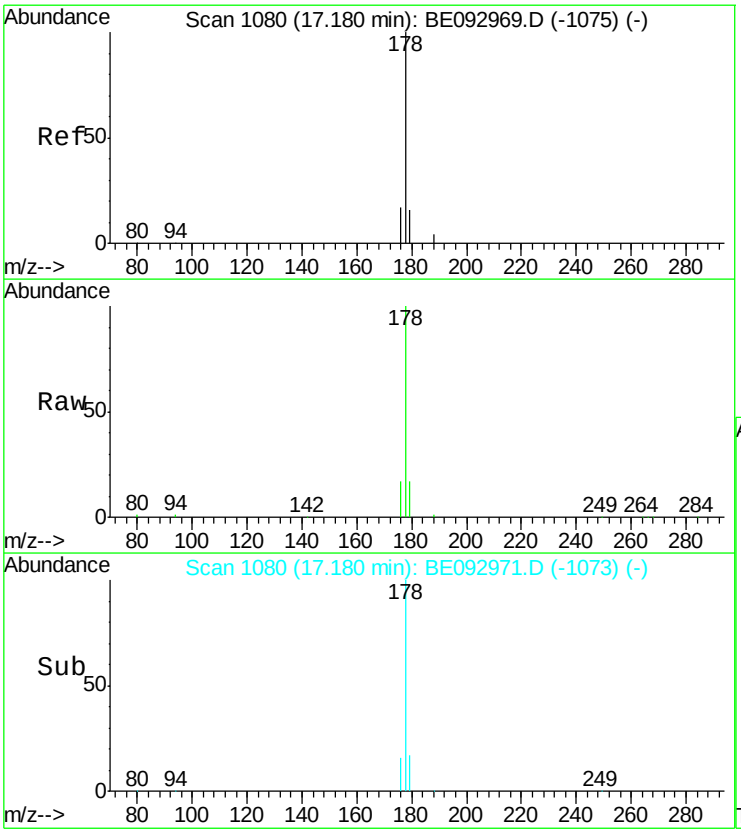
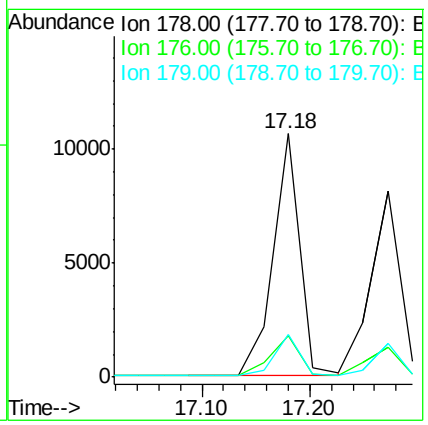
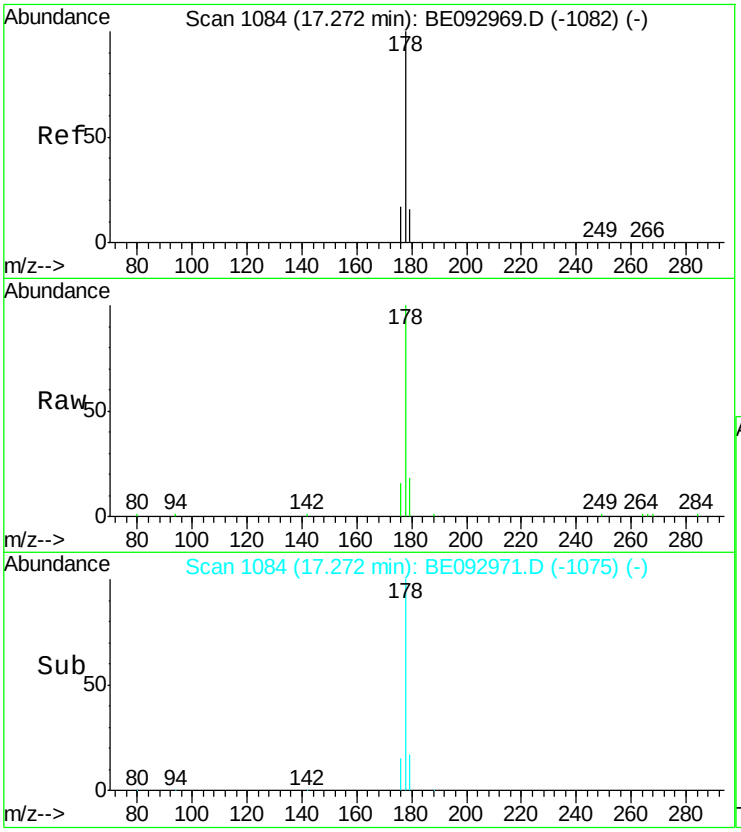


#22
Phenanthrene
Concen: 1.60 ng
RT: 17.18 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion:178 Resp: 18343

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	16.0	12.7	19.1

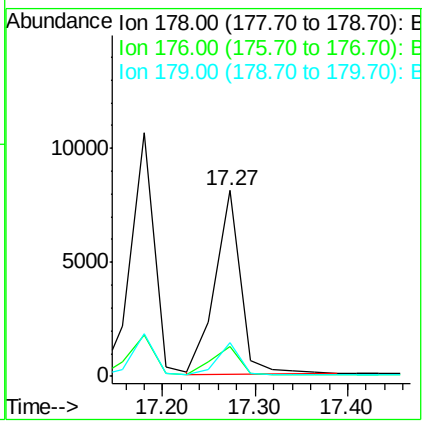




#23
Anthracene
Concen: 1.76 ng
RT: 17.27 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion:178 Resp: 15515

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.6	22.0
179	16.0	12.0	18.0



Instrument :
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ClientSampleId :
SSTDICC1.6

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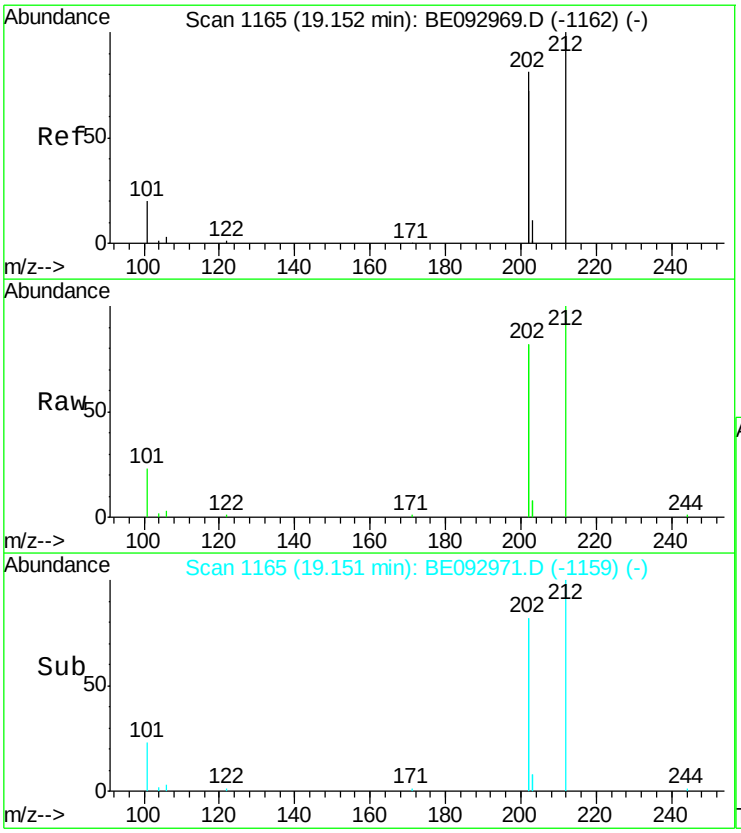
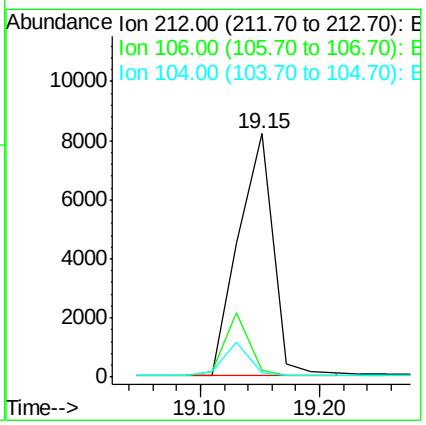
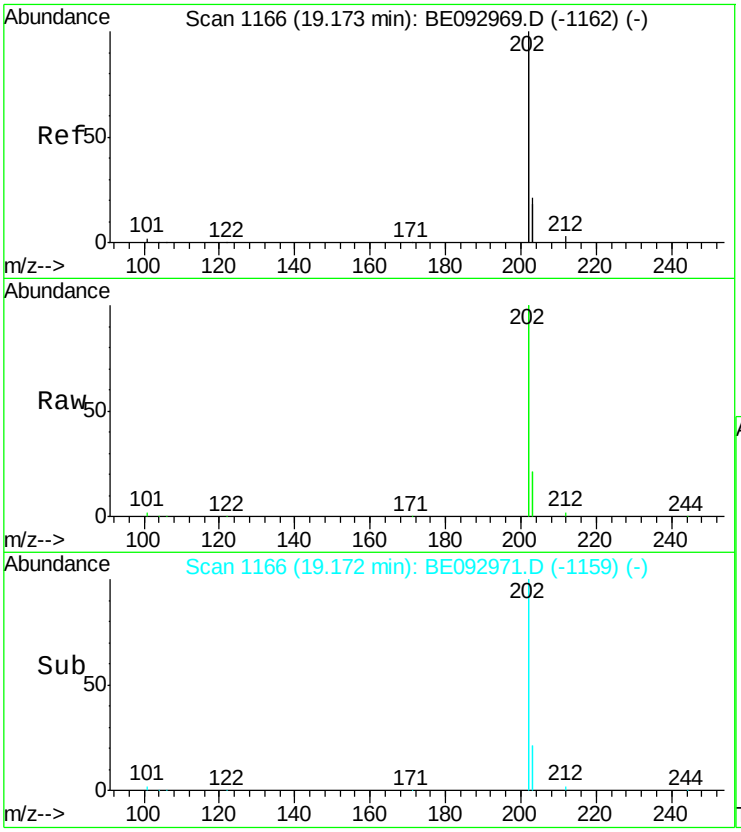


#24
Fluoranthene-d10
Concen: 1.74 ng
RT: 19.15 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion:212 Resp: 16698

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

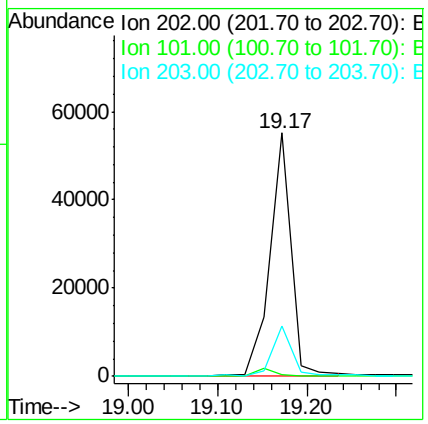




#25
Fluoranthene
Concen: 1.79 ng
RT: 19.17 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion:202 Resp: 90007

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	0.0
203	18.4	14.4	21.6



Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

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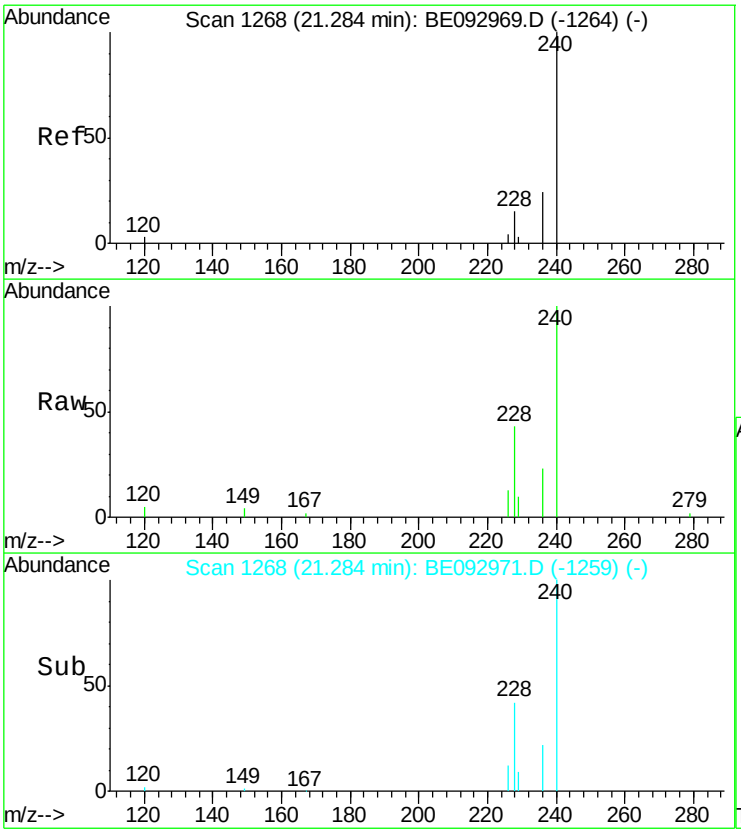
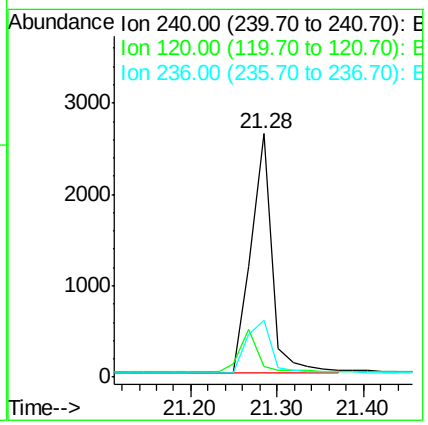
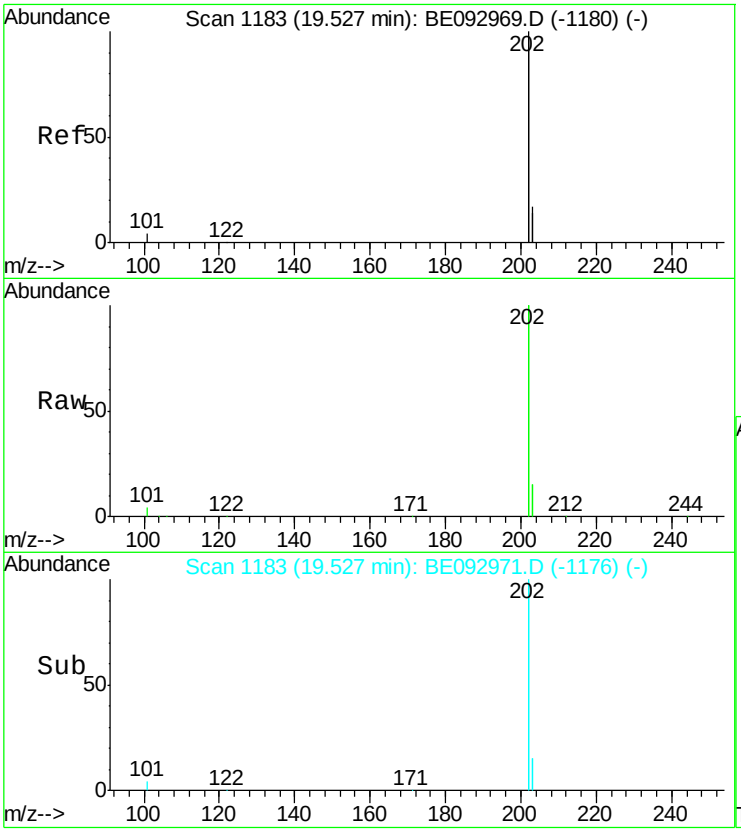


#26
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion:240 Resp: 4496

Ion	Ratio	Lower	Upper
240	100		
120	4.6	4.6	7.0#
236	23.4	20.8	31.2





#27
Pyrene
Concen: 1.68 ng
RT: 19.53 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion:202 Resp: 97777

Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	16.2	13.7	20.5

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

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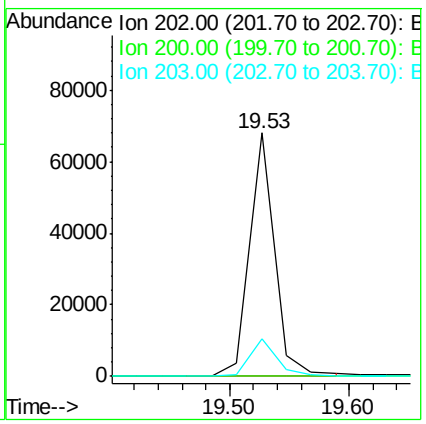
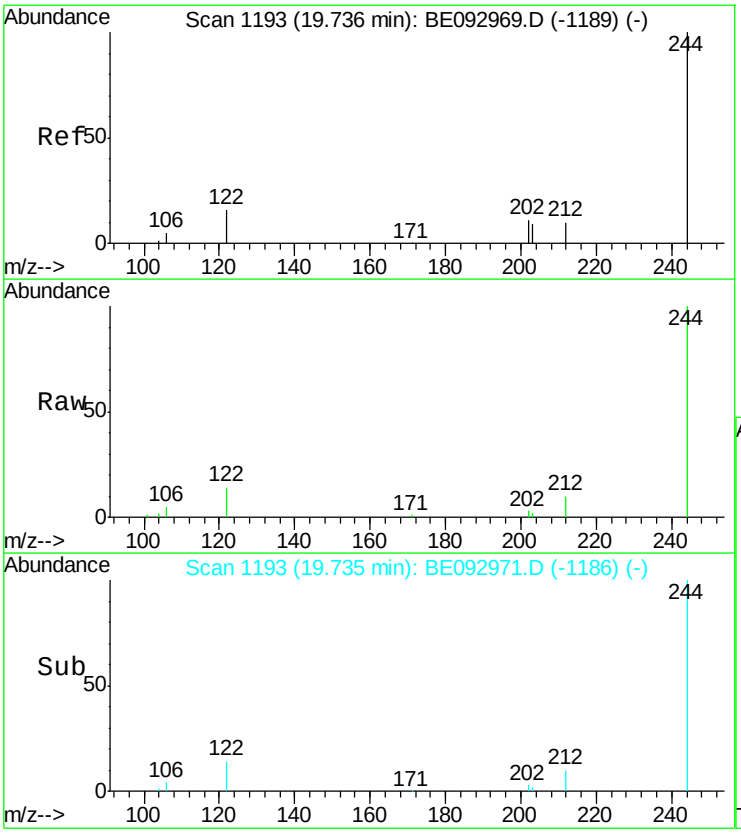
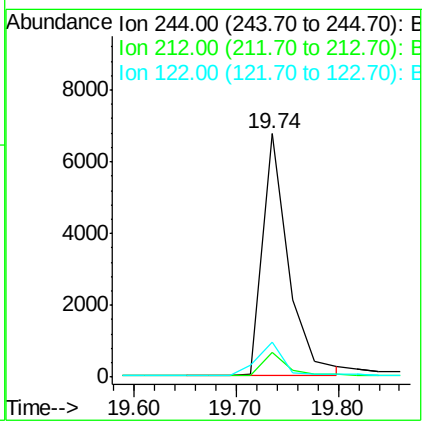


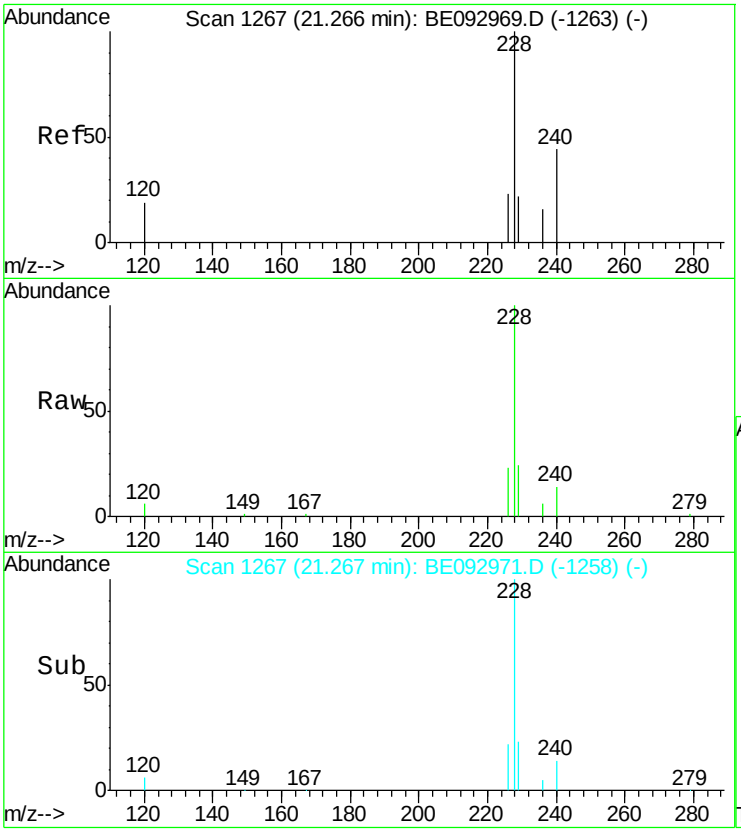


#28
Terphenyl-d14
Concen: 1.54 ng
RT: 19.74 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion:244 Resp: 11901

Ion	Ratio	Lower	Upper
244	100		
212	10.3	10.6	16.0#
122	14.1	15.4	23.0#

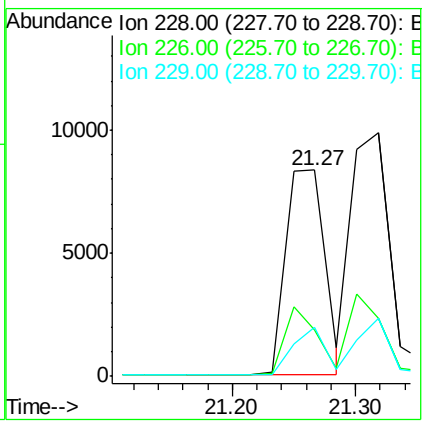




#29
Benzo(a)anthracene
Concen: 1.75 ng
RT: 21.27 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion:228 Resp: 18513

Ion	Ratio	Lower	Upper
228	100		
226	22.7	19.7	29.5
229	23.8	19.2	28.8



Instrument :
BNA_E
ClientSampleId :
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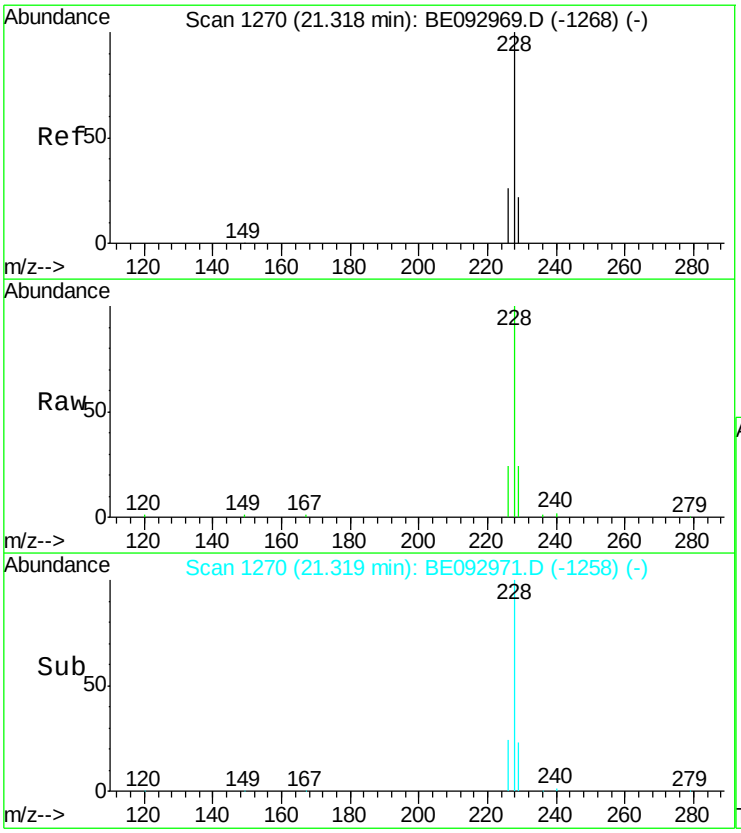
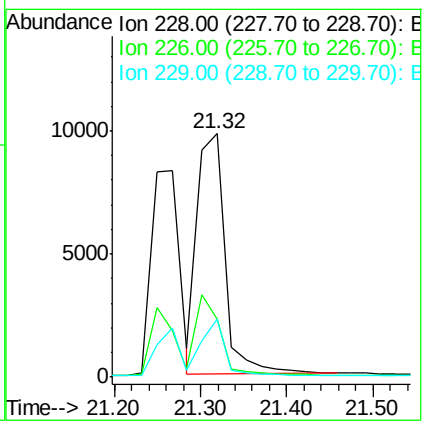
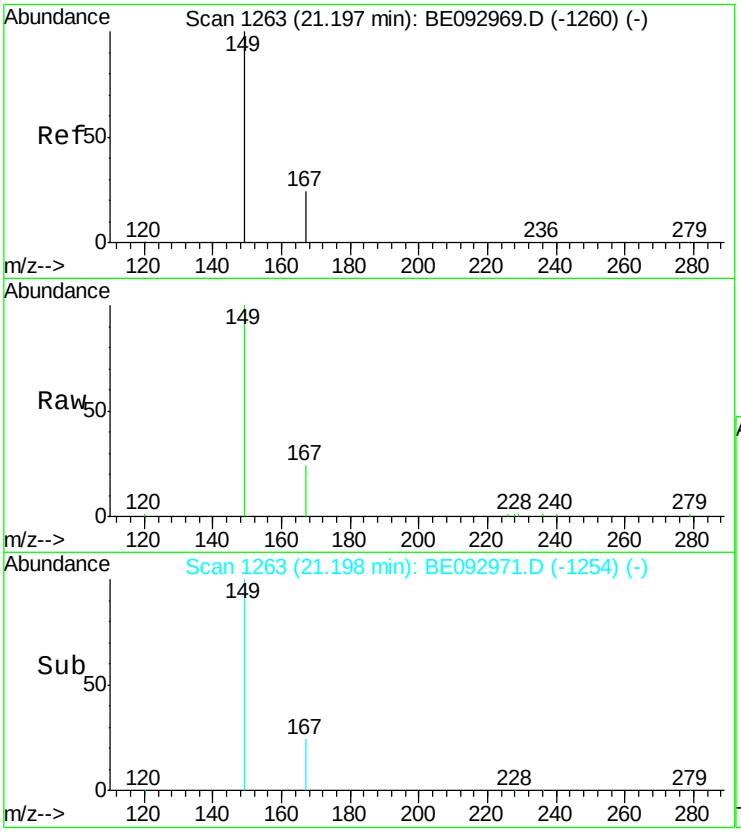


#30
Chrysene
Concen: 1.63 ng
RT: 21.32 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion:228 Resp: 22091

Ion	Ratio	Lower	Upper
228	100		
226	24.1	21.5	32.3
229	23.8	18.6	28.0





#31
Bis(2-ethylhexyl)phthalate
Concen: 2.18 ng
RT: 21.20 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion:149 Resp: 6844

Ion	Ratio	Lower	Upper
149	100		
167	24.4	20.1	30.1
279	2.6	2.2	3.4

Instrument :
BNA_E
ClientSampleId :
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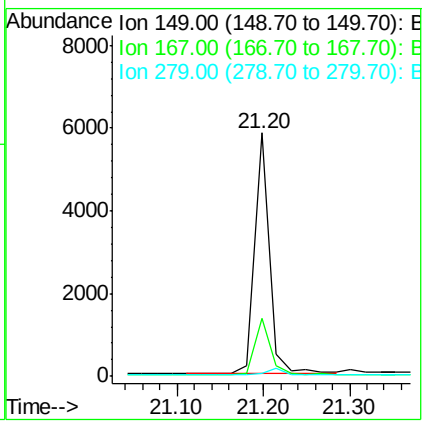
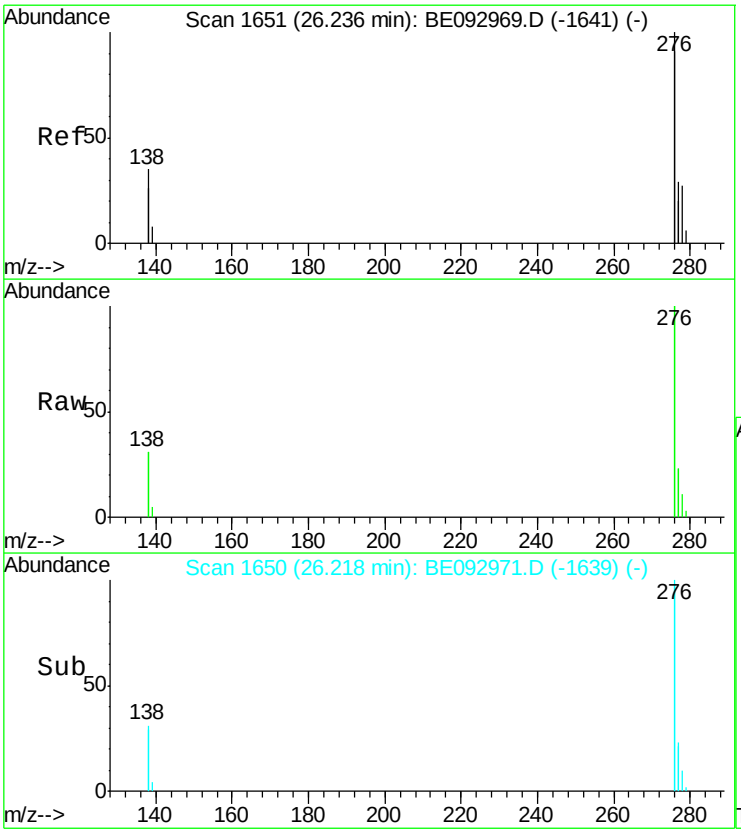
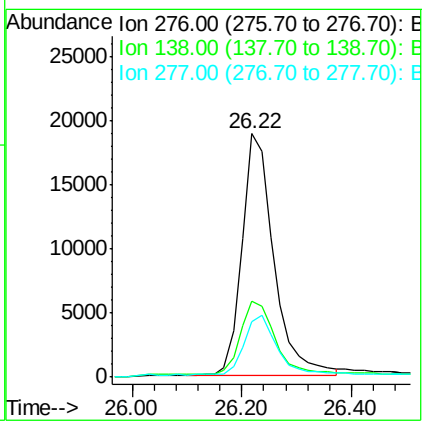


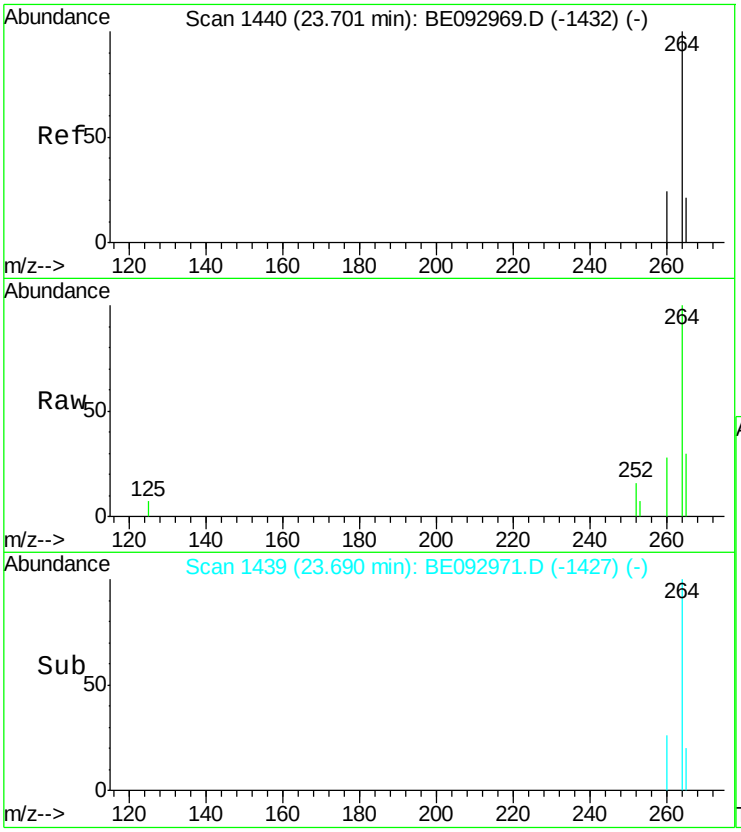


#32
Indeno(1,2,3-cd)pyrene
Concen: 1.55 ng
RT: 26.22 min Scan# 1650
Delta R.T. -0.02 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion:276 Resp: 75551

Ion	Ratio	Lower	Upper
276	100		
138	33.2	27.4	41.2
277	25.0	20.1	30.1

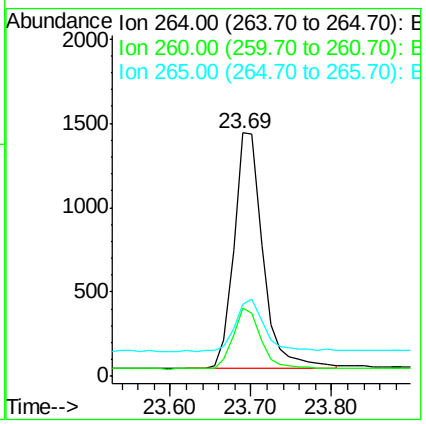




#33
Perylene-d12
Concen: 0.40 ng
RT: 23.69 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion:264 Resp: 3483

Ion	Ratio	Lower	Upper
264	100		
260	27.8	21.0	31.4
265	29.8	24.6	36.8



Instrument :
BNA_E
ClientSampleId :
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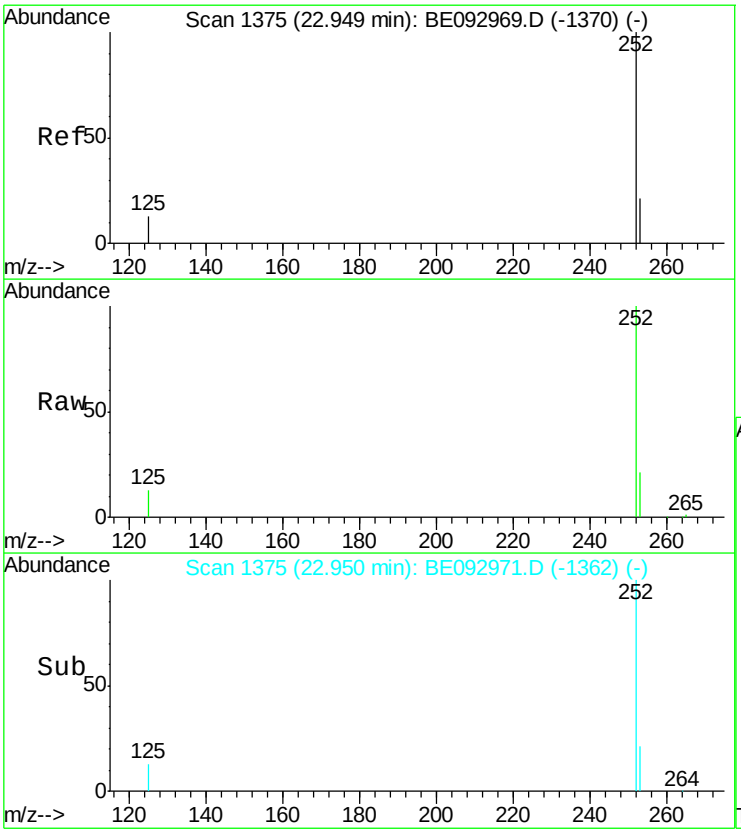
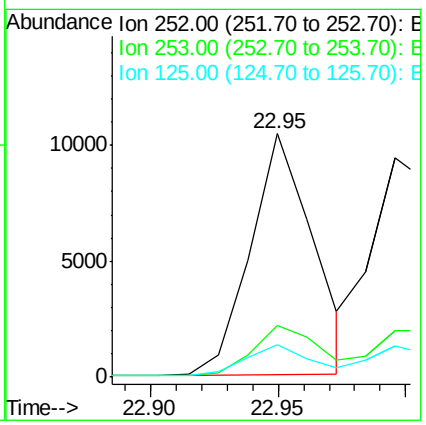
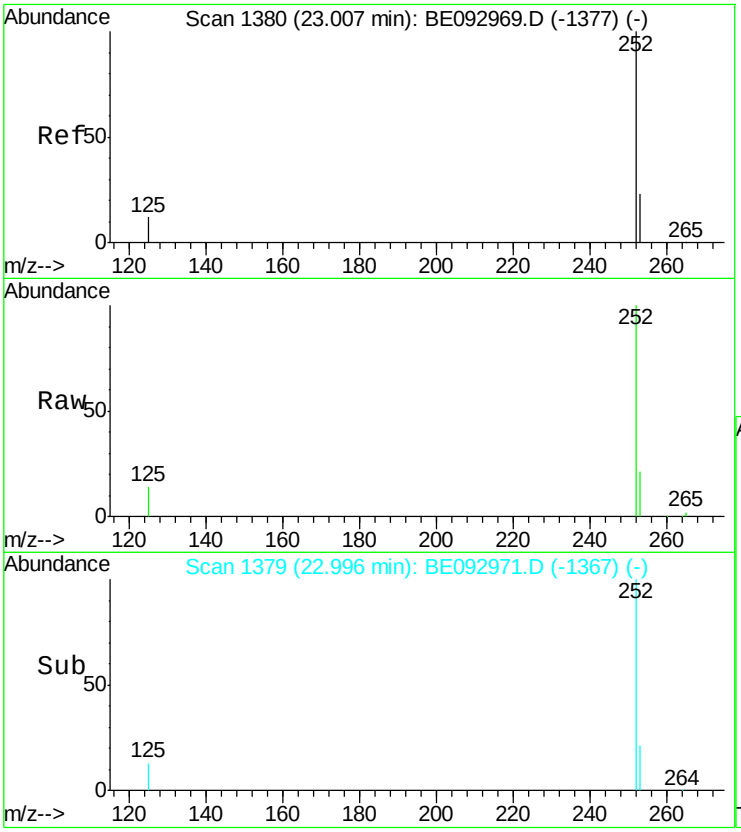


#34
Benzo(b)fluoranthene
Concen: 1.57 ng m
RT: 22.95 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion:252 Resp: 17843

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.5	27.7
125	13.3	13.4	20.0#





#35
Benzo(k)fluoranthene
Concen: 1.66 ng
RT: 23.00 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion:252 Resp: 19099

Ion	Ratio	Lower	Upper
252	100		
253	21.2	20.3	30.5
125	14.1	12.2	18.4

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

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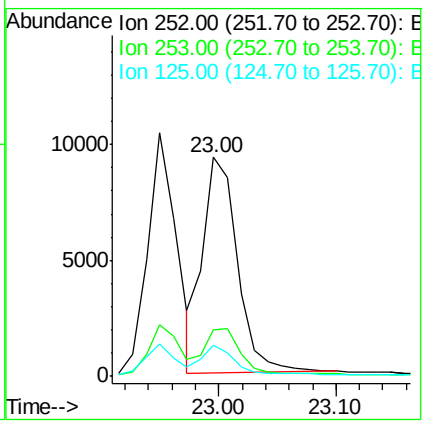
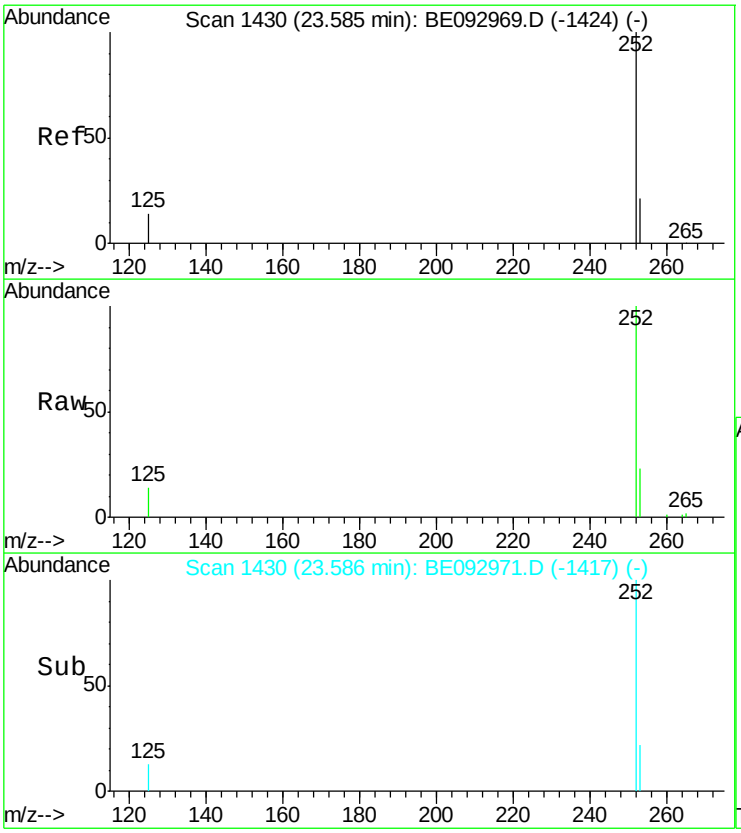
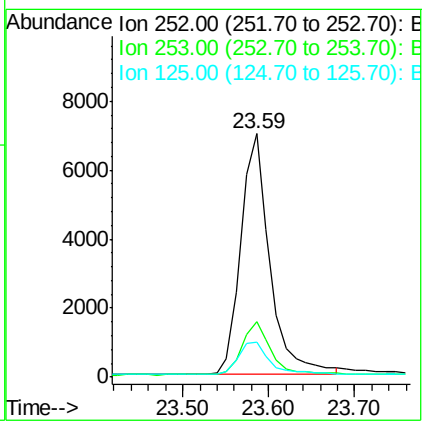


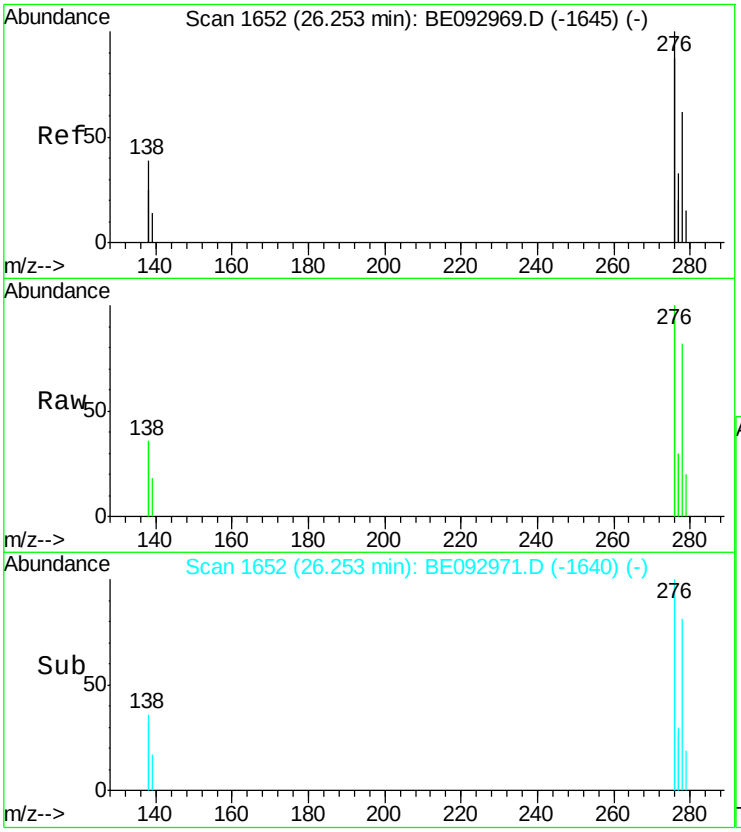


#36
Benzo(a)pyrene
Concen: 1.73 ng
RT: 23.59 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion:252 Resp: 16432

Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.9	29.9
125	14.3	14.6	21.8#

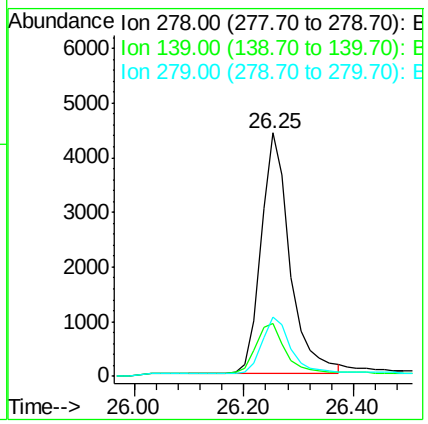




#37
Dibenzo(a,h)anthracene
Concen: 1.54 ng
RT: 26.25 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

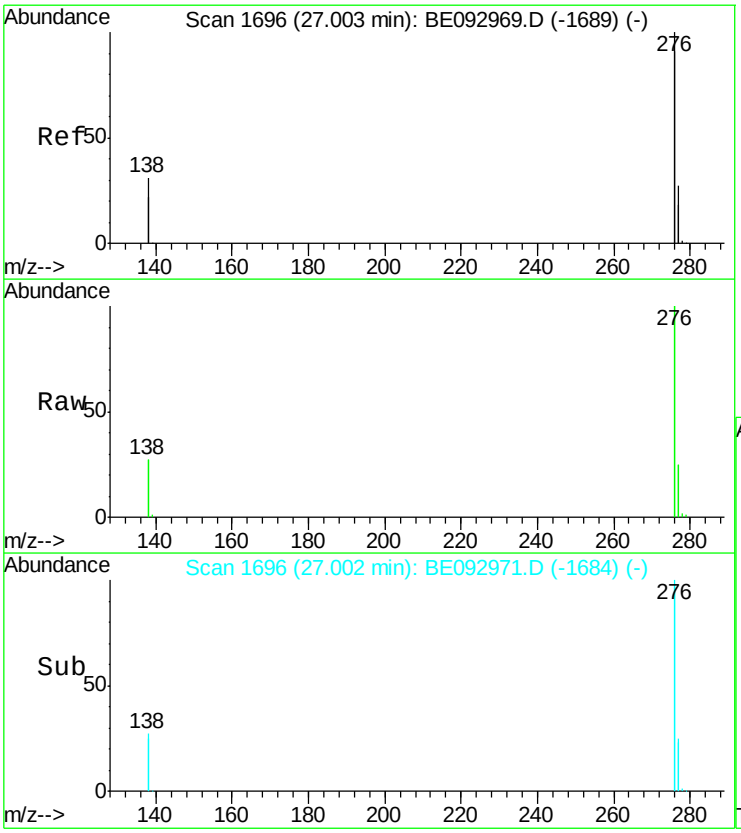
Tgt Ion:278 Resp: 16259

Ion	Ratio	Lower	Upper
278	100		
139	21.6	21.4	32.0
279	24.2	22.2	33.2



Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED
mohammad
5/11/2017 8:33:06 AM



#38
Benzo(g,h,i)perylene
Concen: 1.56 ng
RT: 27.00 min Scan# 1696
Delta R.T. -0.00 min
Lab File: BE092971.D
Acq: 9 May 2017 19:47

Tgt Ion:276 Resp: 69865

Ion	Ratio	Lower	Upper
276	100		
277	24.6	21.2	31.8
138	26.9	24.5	36.7