Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012417\
Data File : BE092678.D
Acq On : 24 Jan 2017 22:57
Operator : UM/SJ
Sample : I1378-08 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 25 11:09:28 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 10:14:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	12417	5.00	ng		0.00
7) Naphthalene-d8	10.91	136	64336	5.00	ng		0.00
12) Acenaphthene-d10	14.78	164	41842	5.00	ng		0.00
18) Phenanthrene-d10	17.53	188	89614	5.00	ng		0.00
24) Chrysene-d12	21.72	240	80441	5.00	ng		0.00
31) Perylene-d12	24.06	264	87890	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.66	112	1815	0.65	ng		0.00
5) Phenol-d6	7.34	99	2417	0.71	ng		0.00
8) Nitrobenzene-d5	9.36	82	1088	0.26	ng		0.02
13) 2,4,6-Tribromophenol	16.28	330	626	0.63	ng		-0.01
14) 2-Fluorobiphenyl	13.41	172	3443	0.33	ng		-0.01
26) Terphenyl-d14	20.14	244	4743	0.42	ng		-0.02
Target Compounds							Qvalue
9) Naphthalene	10.97	128	9506	0.71	ng		97
11) 2-Methylnaphthalene	12.60	142	3778	0.45	ng		99
15) Acenaphthylene	14.49	152	67223	1.17	ng		99
16) Acenaphthene	14.85	154	23574	2.55	ng		92
17) Fluorene	15.83	166	43773	3.77	ng		99
19) Hexachlorobenzene	16.66	284	113	Below Cal		#	39
21) Phenanthrene	17.58	178	571997	28.92	ng	#	95
22) Anthracene	17.67	178	217934	11.94	ng		98
23) Fluoranthene	19.58	202	4534334	51.69	ng	#	99
25) Pyrene	19.93	202	4045847	51.03	ng	#	87
27) Benzo(a)anthracene	21.75	228	4315627	54.46	ng	#	93
28) Chrysene	21.75	228	4315627	48.41	ng	#	74
29) Bis(2-ethylhexyl)phthalate	21.61	149	4738	0.50	ng	#	69
30) Indeno(1,2,3-cd)pyrene	26.53	276	1413405	14.67	ng		97
32) Benzo(b)fluoranthene	23.35	252	903192	42.48	ng		99
33) Benzo(k)fluoranthene	23.35	252	903192	42.29	ng		97
34) Benzo(a)pyrene	23.86	252	340916	17.08	ng		99
35) Dibenzo(a,h)anthracene	26.55	278	81758	4.18	ng		99
36) Benzo(g,h,i)perylene	27.31	276	1532663	18.56	ng		96

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

Quantitation Report (Not Reviewed)

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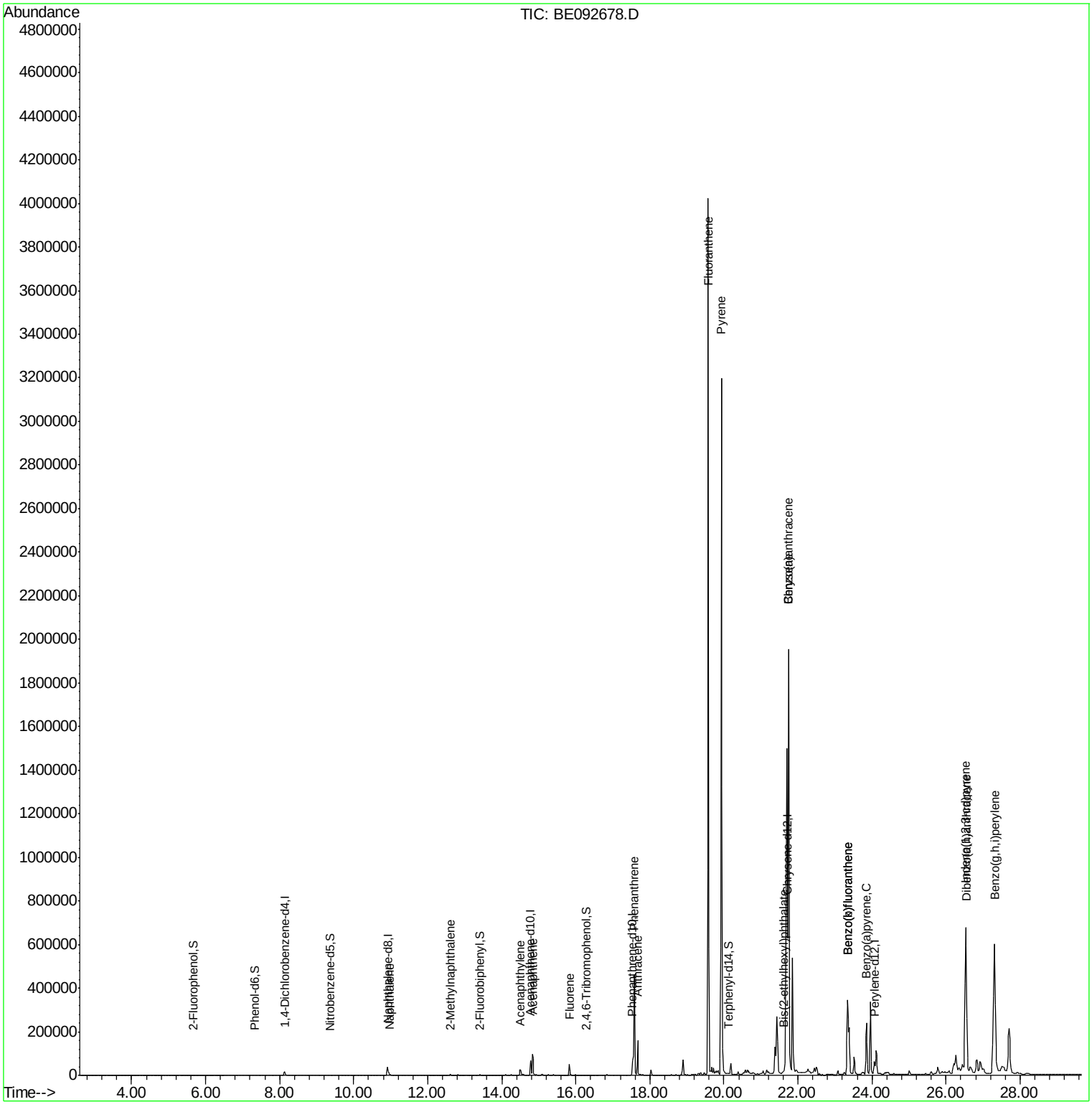
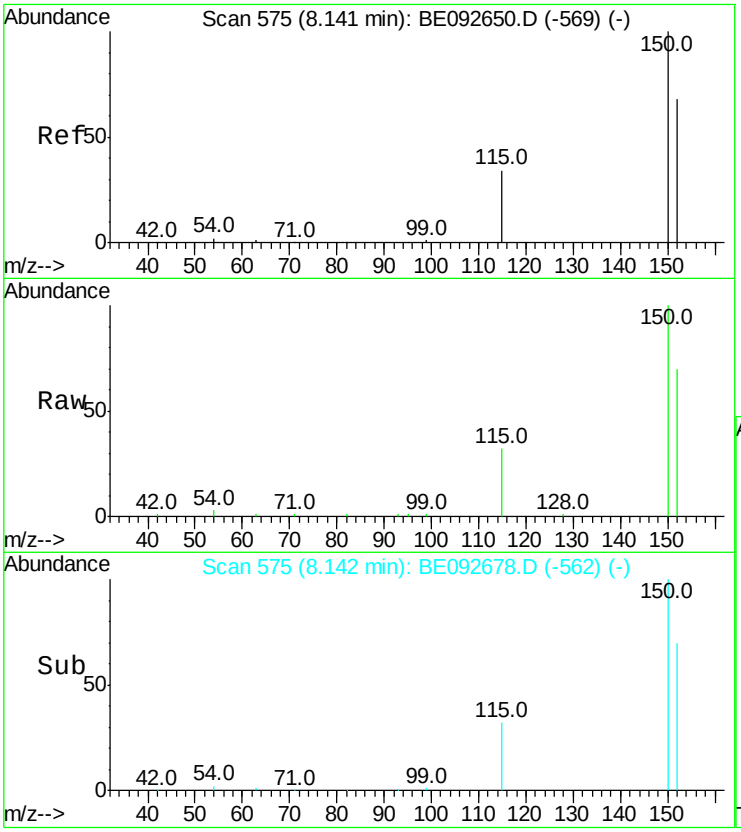


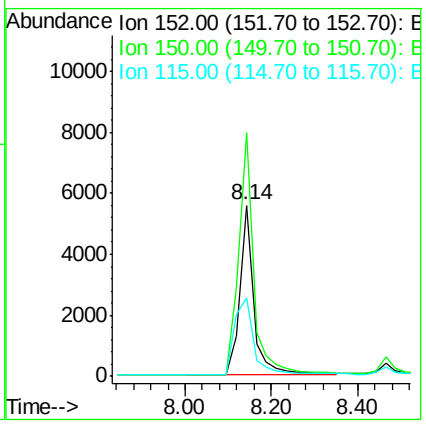


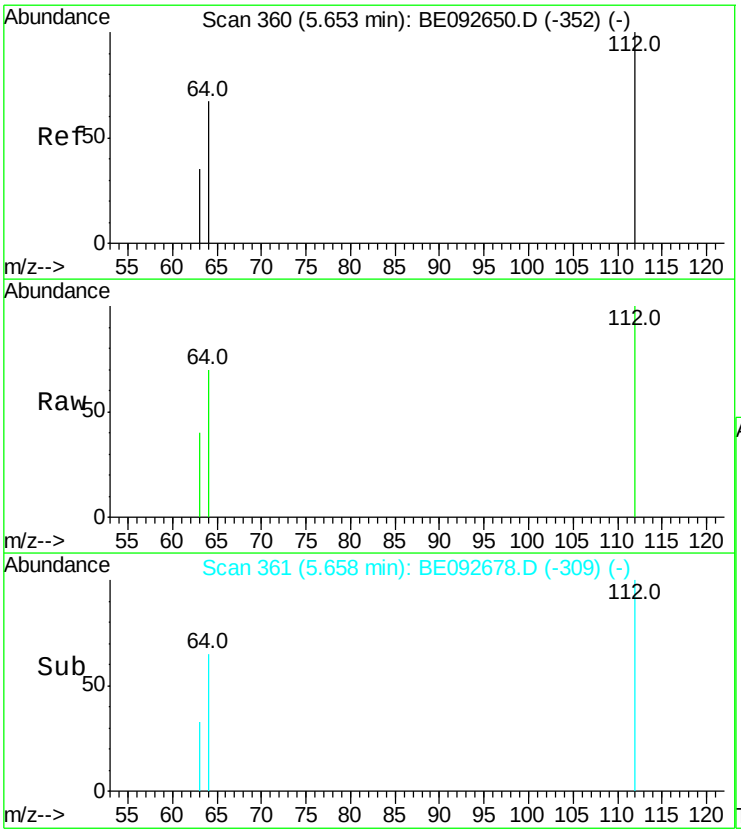
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. 0.00 min
Lab File: BE092678.D
Acq: 24 Jan 2017 22:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 12417

Ion	Ratio	Lower	Upper
152	100		
150	142.6	106.0	159.0
115	45.9	31.2	46.8

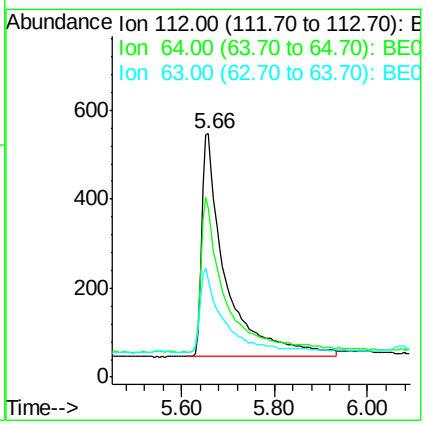


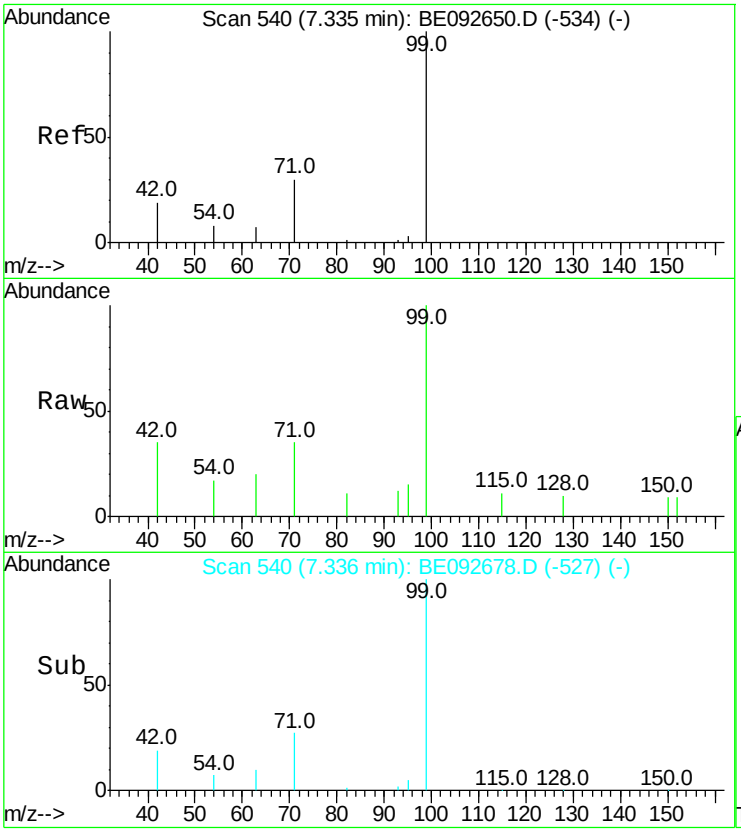


#4
2-Fluorophenol
Concen: 0.65 ng
RT: 5.66 min Scan# 361
Delta R.T. 0.00 min
Lab File: BE092678.D
Acq: 24 Jan 2017 22:57

Tgt Ion:112 Resp: 1815

Ion	Ratio	Lower	Upper
112	100		
64	69.8	53.5	80.3
63	35.8	27.9	41.9



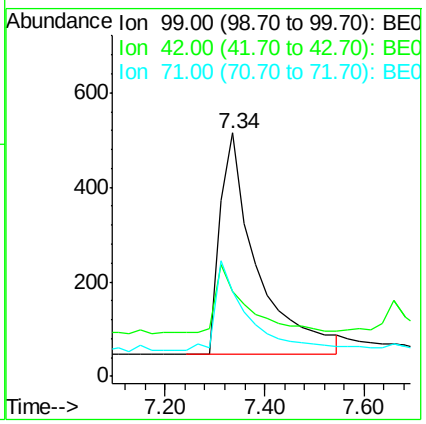


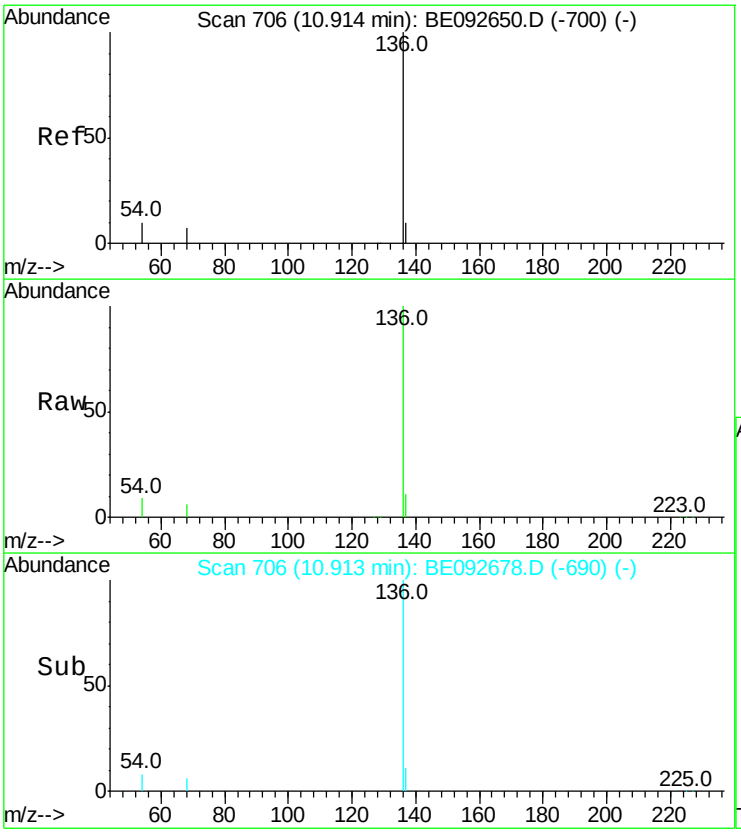
#5
Phenol-d6
Concen: 0.71 ng
RT: 7.34 min Scan# 540
Delta R.T. 0.00 min
Lab File: BE092678.D
Acq: 24 Jan 2017 22:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2417

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

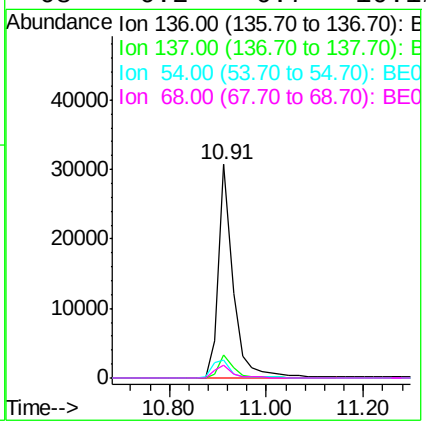


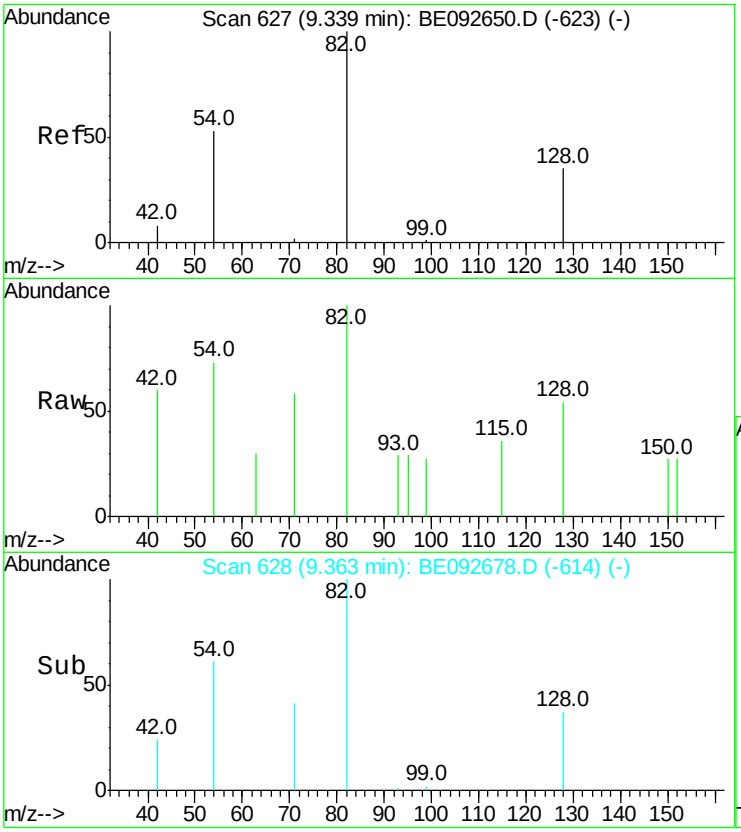


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.91 min Scan# 706
Delta R.T. -0.00 min
Lab File: BE092678.D
Acq: 24 Jan 2017 22:57

Tgt Ion:136 Resp: 64336

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.4
54	8.7	9.6	14.4#
68	6.2	6.7	10.1#



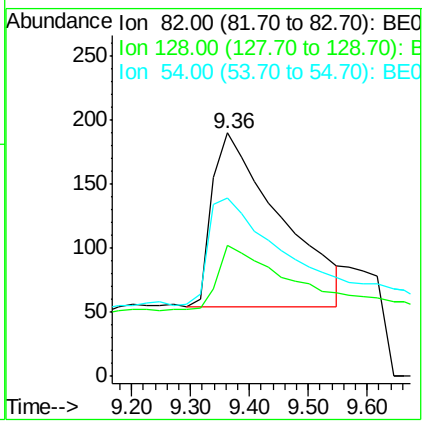


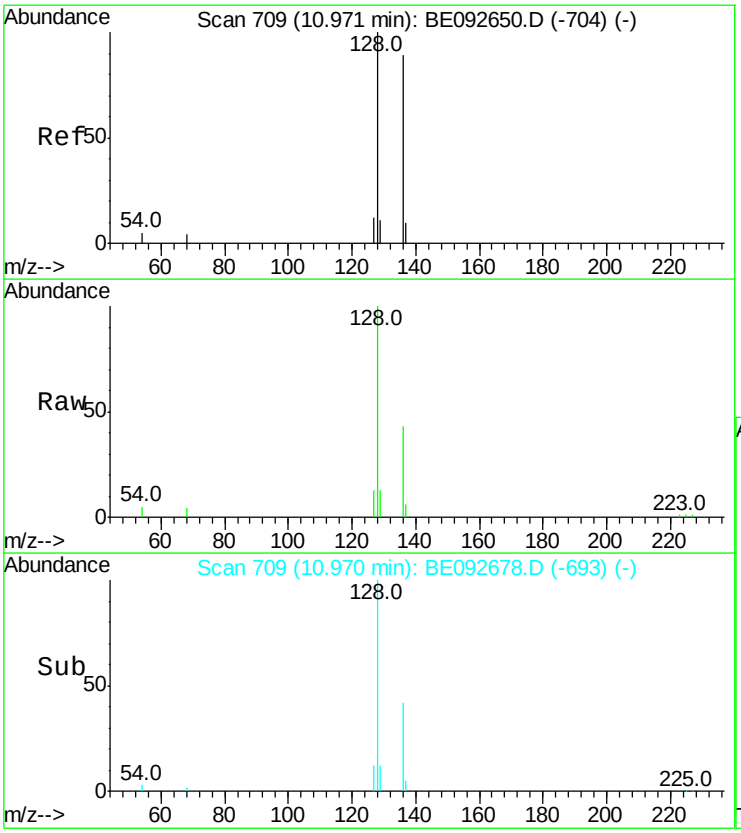
#8
Nitrobenzene-d5
Concen: 0.26 ng
RT: 9.36 min Scan# 628
Delta R.T. 0.02 min
Lab File: BE092678.D
Acq: 24 Jan 2017 22:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 1088

Ion	Ratio	Lower	Upper
82	100		
128	53.7	39.0	58.4
54	73.2	44.8	67.2#

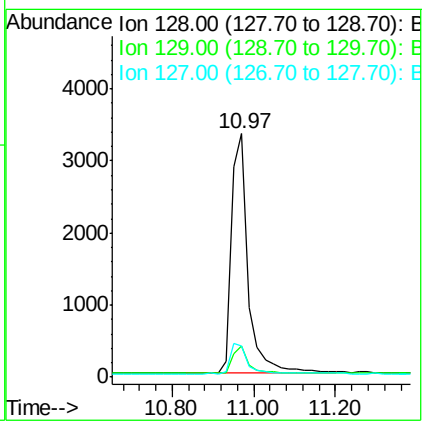


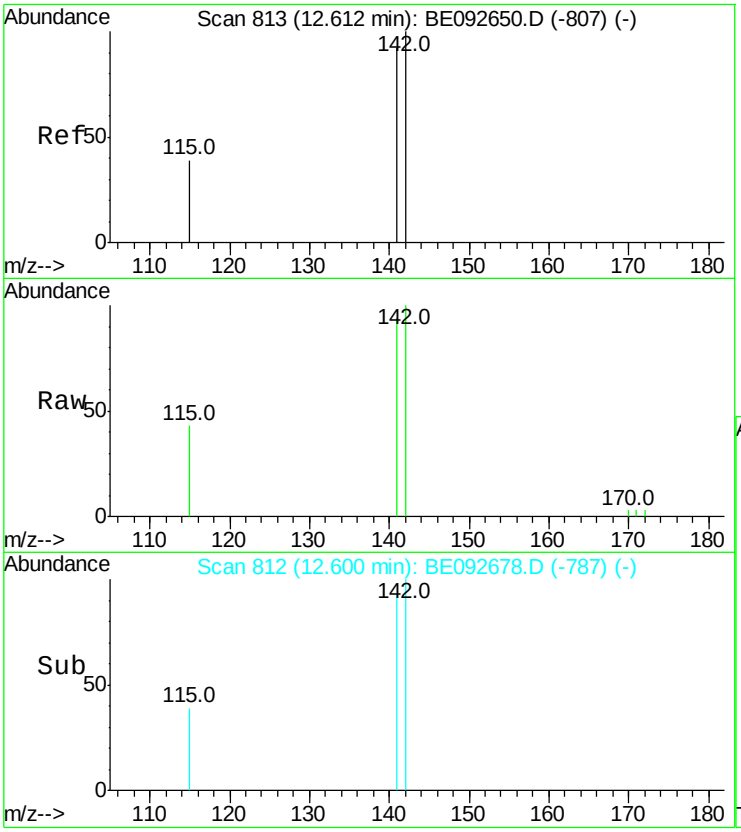


#9
Naphthalene
Concen: 0.71 ng
RT: 10.97 min Scan# 709
Delta R.T. -0.00 min
Lab File: BE092678.D
Acq: 24 Jan 2017 22:57

Tgt Ion:128 Resp: 9506

Ion	Ratio	Lower	Upper
128	100		
129	13.0	11.2	16.8
127	13.0	11.6	17.4



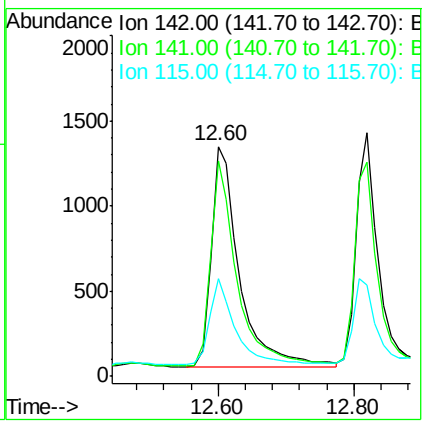


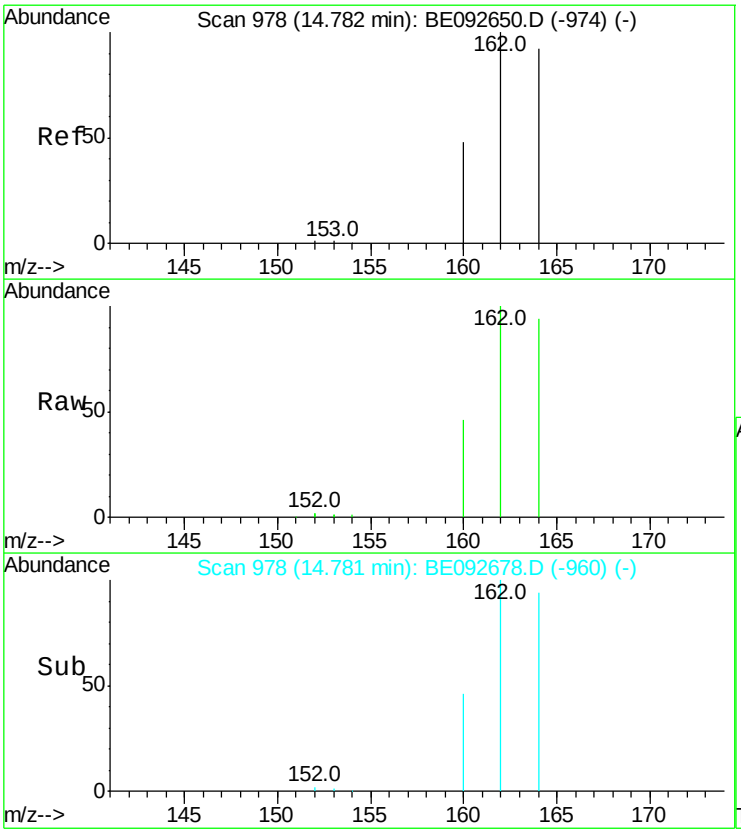
#11
2-Methylnaphthalene
Concen: 0.45 ng
RT: 12.60 min Scan# 812
Delta R.T. -0.01 min
Lab File: BE092678.D
Acq: 24 Jan 2017 22:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 3778

Ion	Ratio	Lower	Upper
142	100		
141	93.7	73.7	110.5
115	42.7	34.0	51.0

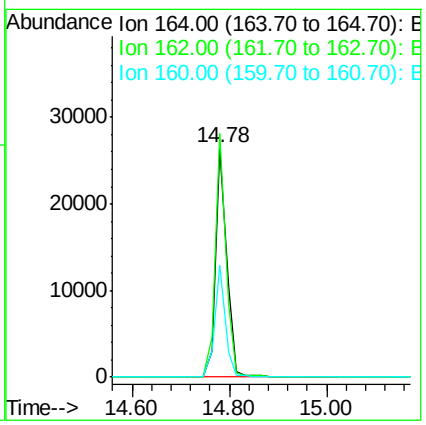


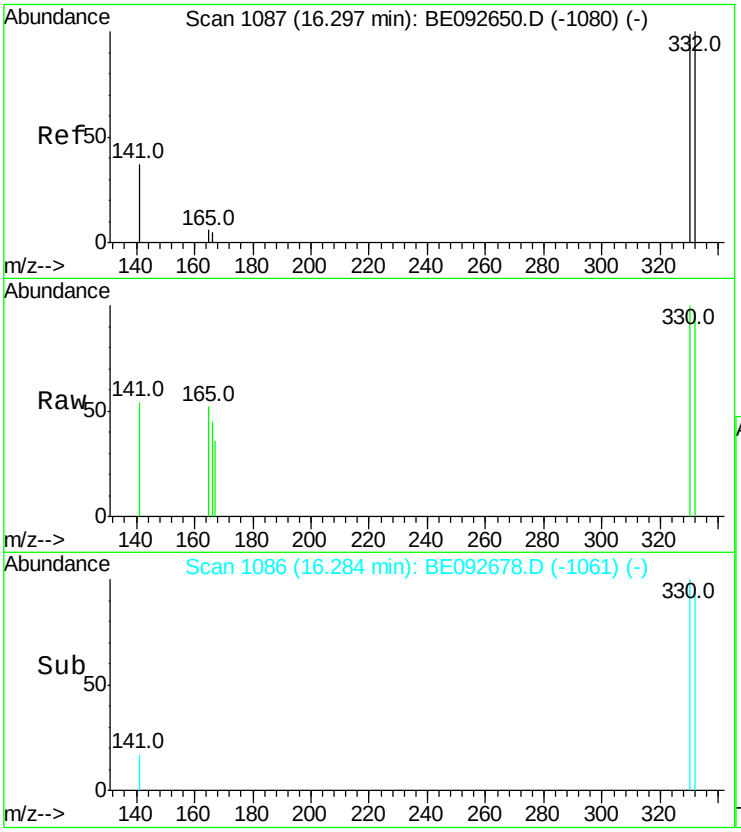


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.78 min Scan# 978
Delta R.T. -0.00 min
Lab File: BE092678.D
Acq: 24 Jan 2017 22:57

Tgt Ion:164 Resp: 41842

Ion	Ratio	Lower	Upper
164	100		
162	106.7	71.4	107.0
160	49.1	27.4	41.2#



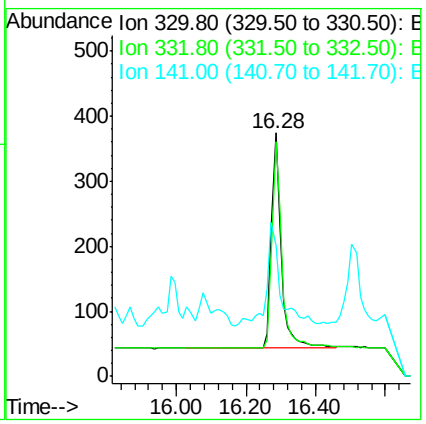


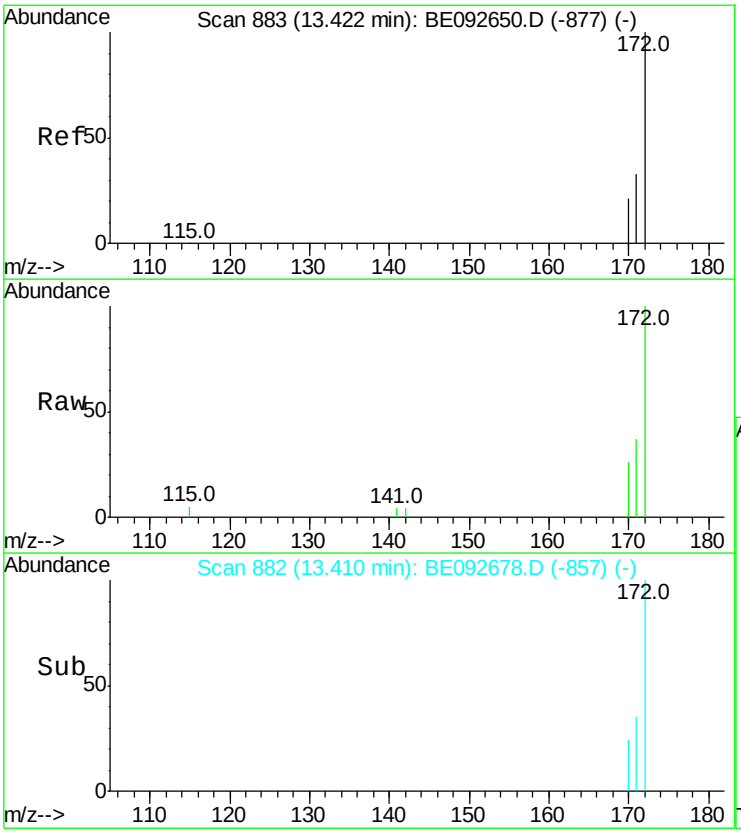
#13
2,4,6-Tribromophenol
Concen: 0.63 ng
RT: 16.28 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BE092678.D
Acq: 24 Jan 2017 22:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 626

Ion	Ratio	Lower	Upper
330	100		
332	98.1	75.4	113.0
141	71.4	31.0	46.6#

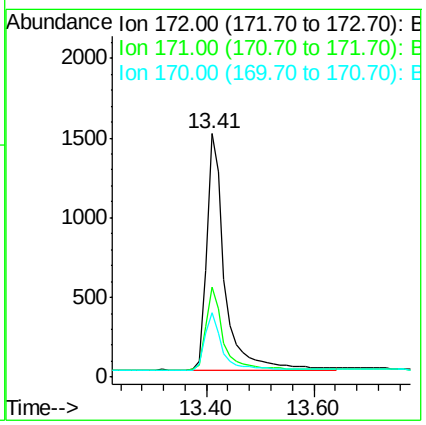


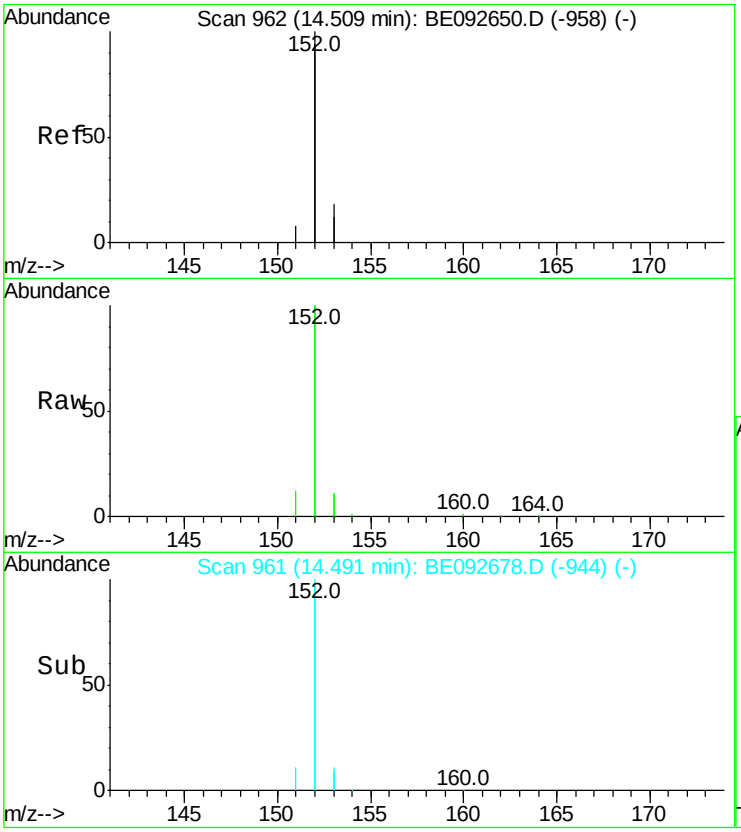


#14
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 13.41 min Scan# 882
Delta R.T. -0.01 min
Lab File: BE092678.D
Acq: 24 Jan 2017 22:57

Tgt Ion:172 Resp: 3443

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.1	45.1
170	26.4	21.8	32.6



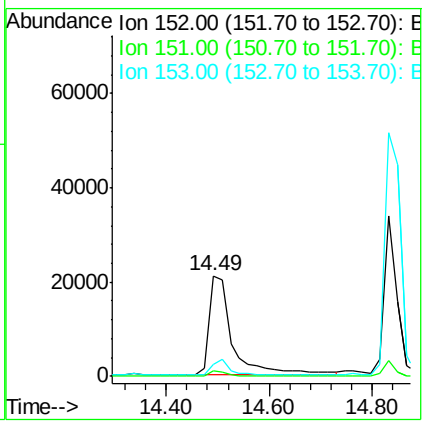


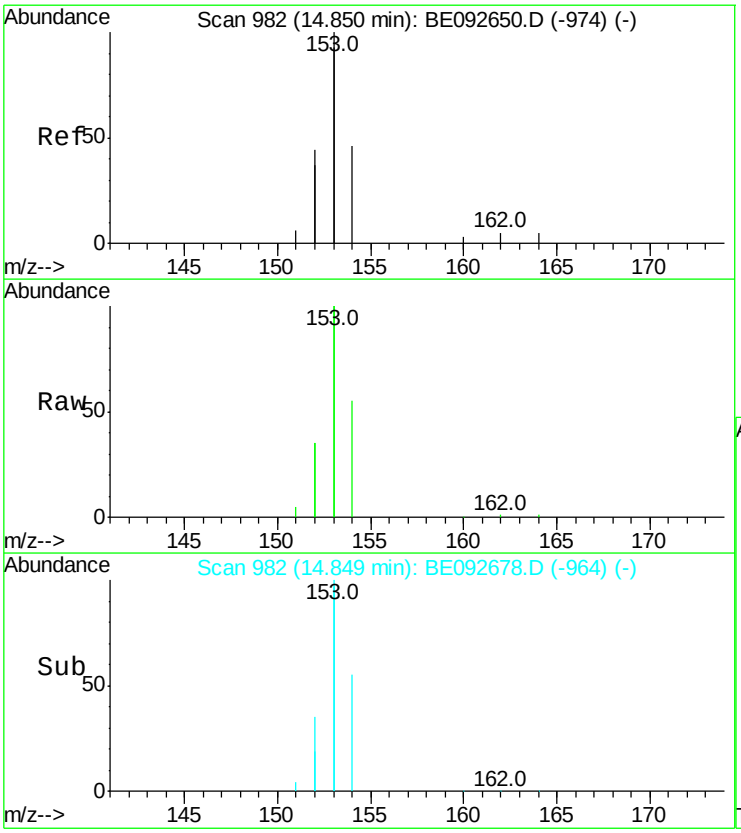
#15
Acenaphthylene
Concen: 1.17 ng
RT: 14.49 min Scan# 961
Delta R.T. -0.02 min
Lab File: BE092678.D
Acq: 24 Jan 2017 22:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 67223

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.3	10.4	15.6

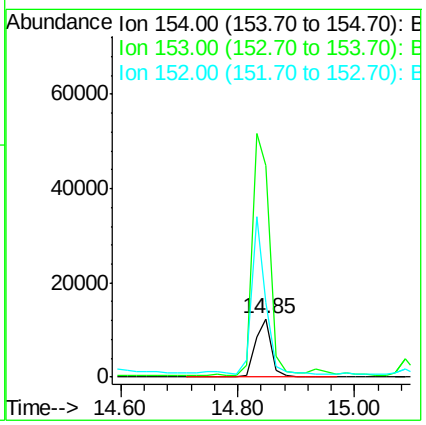


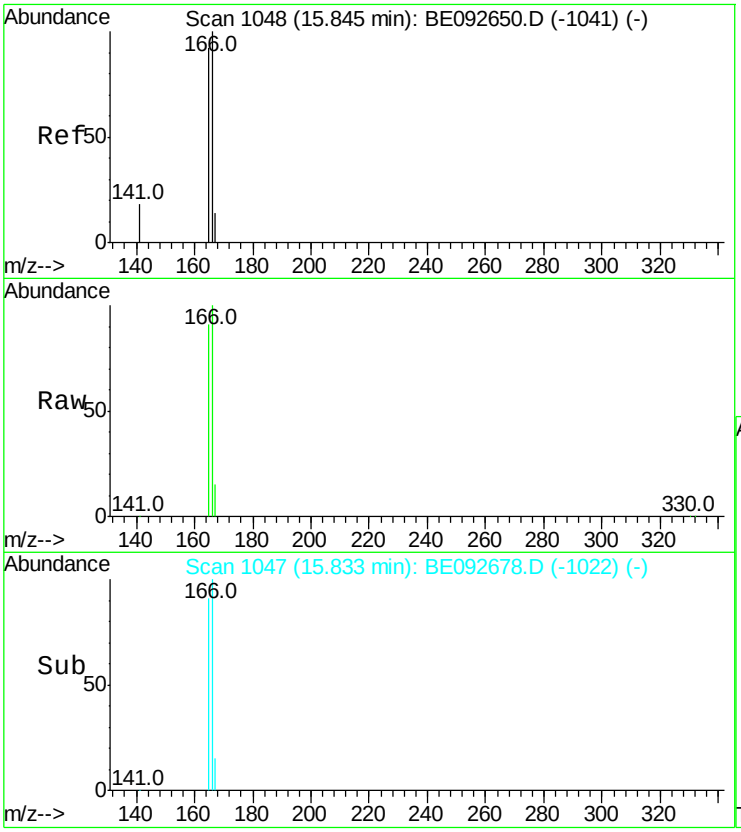


#16
Acenaphthene
Concen: 2.55 ng
RT: 14.85 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE092678.D
Acq: 24 Jan 2017 22:57

Tgt Ion:154 Resp: 23574

Ion	Ratio	Lower	Upper
154	100		
153	453.0	350.8	526.2
152	234.7	171.1	256.7



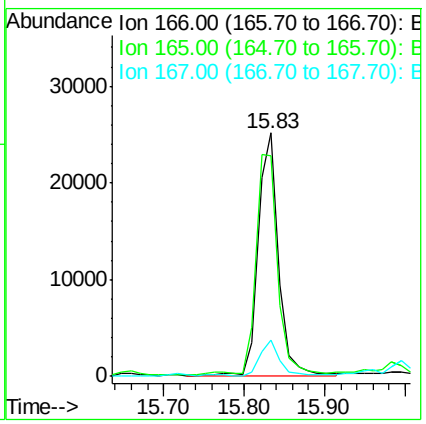


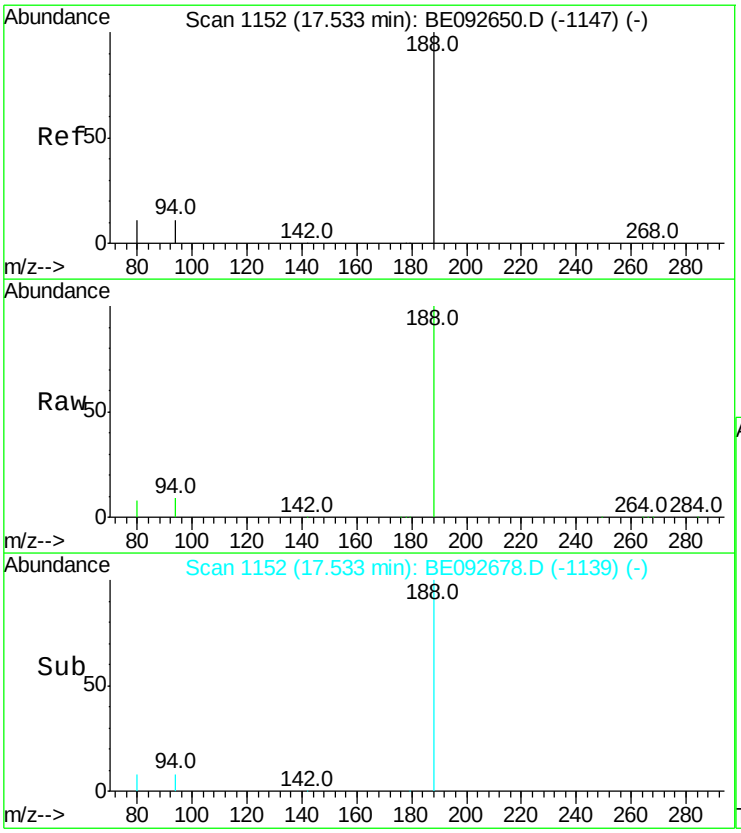
#17
Fluorene
Concen: 3.77 ng
RT: 15.83 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE092678.D
Acq: 24 Jan 2017 22:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 43773

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.2	117.4
167	14.0	11.0	16.4

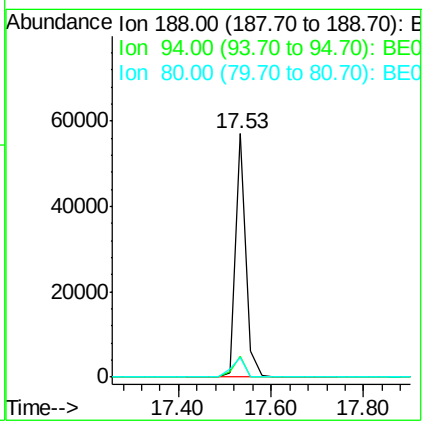


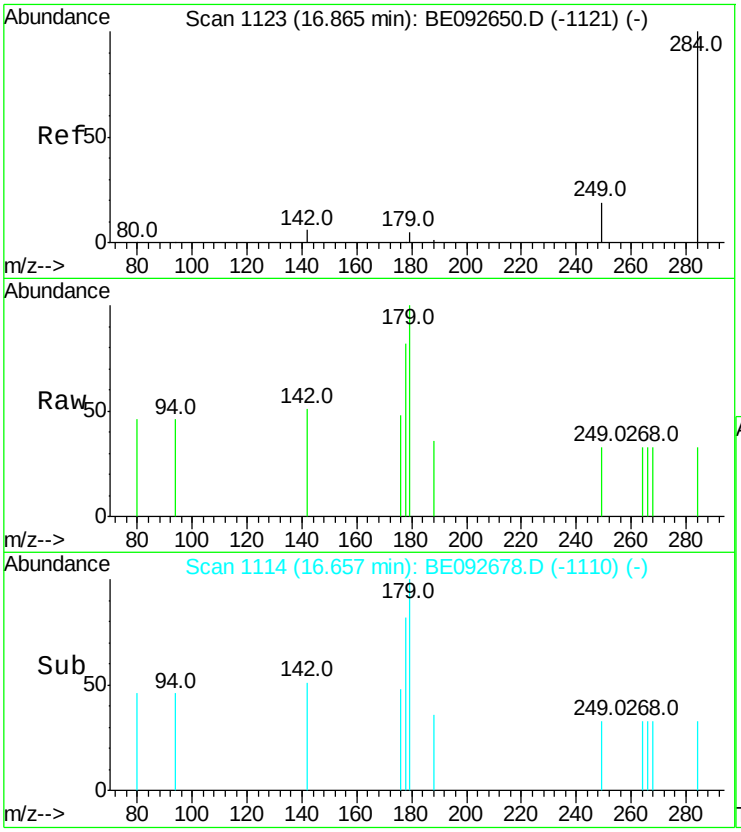


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE092678.D
Acq: 24 Jan 2017 22:57

Tgt Ion:188 Resp: 89614

Ion	Ratio	Lower	Upper
188	100		
94	8.5	3.2	4.8#
80	7.9	2.6	3.8#



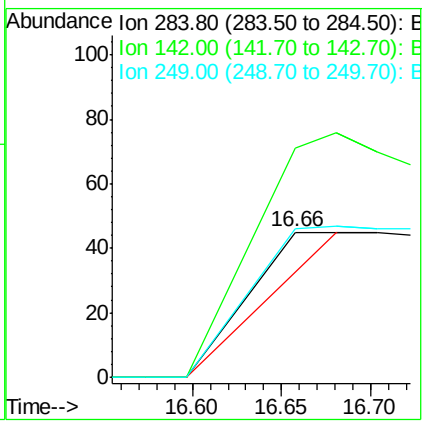


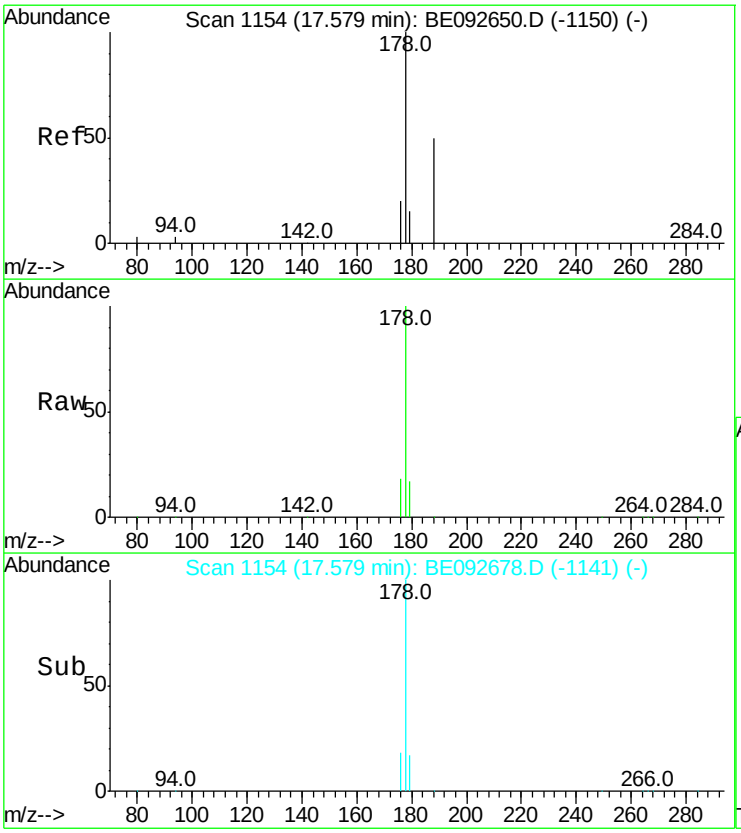
#19
Hexachlorobenzene
Concen: Below Cal
RT: 16.66 min Scan# 1114
Delta R.T. -0.21 min
Lab File: BE092678.D
Acq: 24 Jan 2017 22:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 113

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

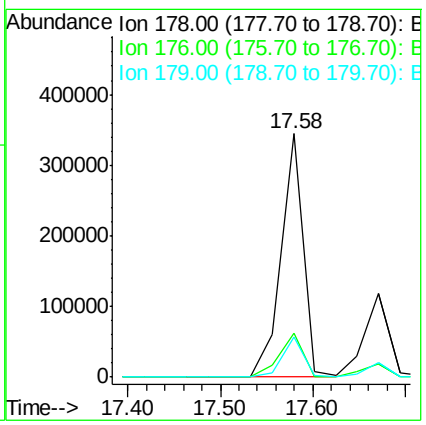


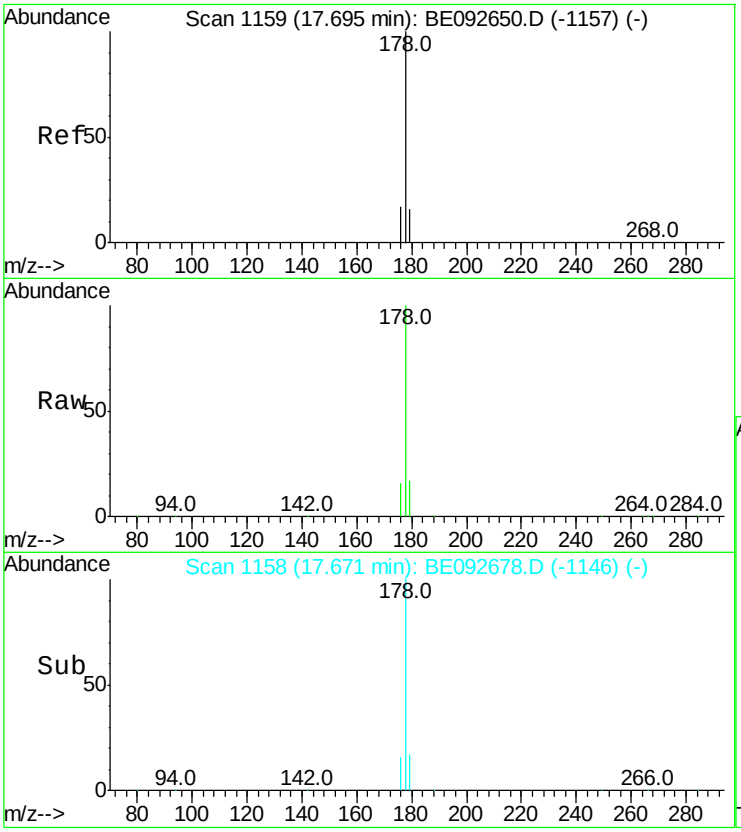


#21
Phenanthrene
Concen: 28.92 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE092678.D
Acq: 24 Jan 2017 22:57

Tgt Ion:178 Resp: 571997

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	16.0	16.0	24.0#



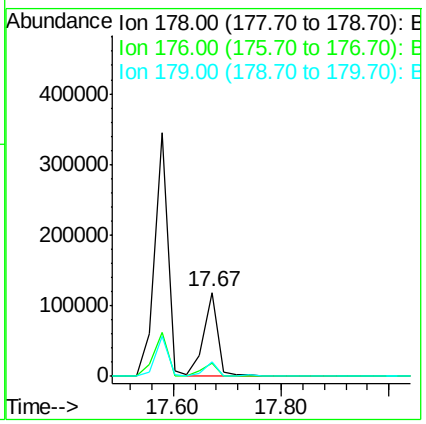


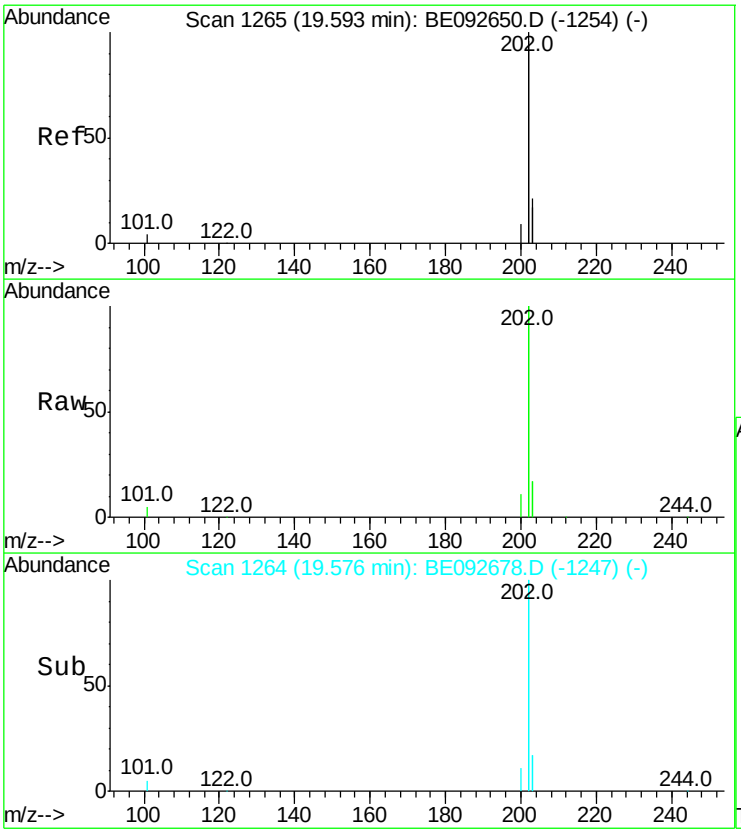
#22
Anthracene
Concen: 11.94 ng
RT: 17.67 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BE092678.D
Acq: 24 Jan 2017 22:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 217934

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	16.2	12.2	18.2

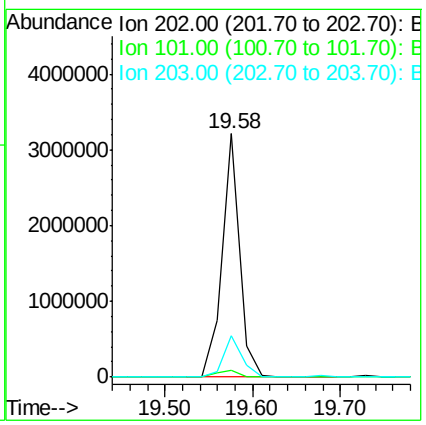


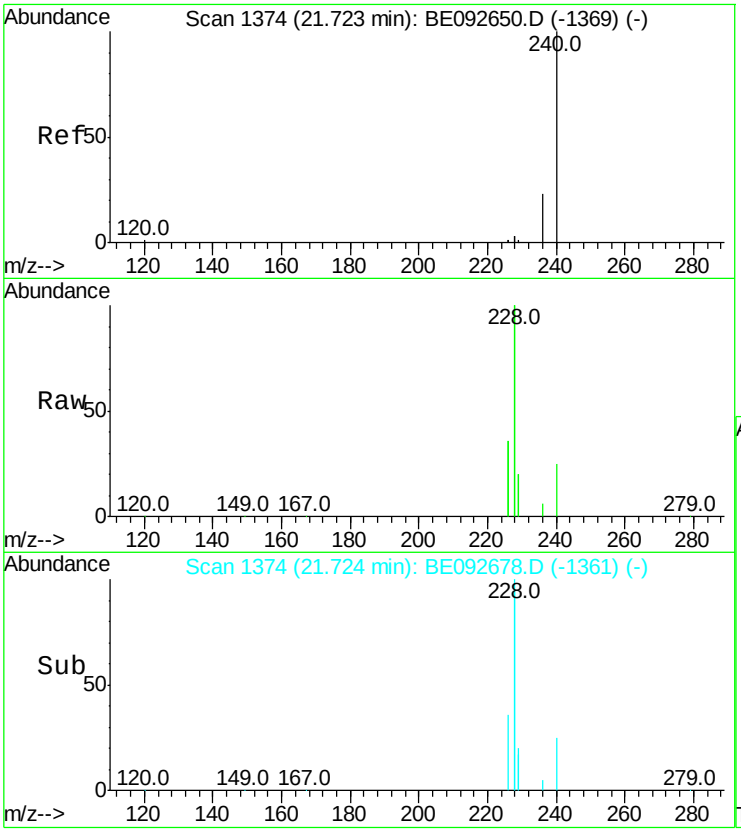


#23
Fluoranthene
Concen: 51.69 ng
RT: 19.58 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BE092678.D
Acq: 24 Jan 2017 22:57

Tgt Ion:202 Resp: 4534334

Ion	Ratio	Lower	Upper
202	100		
101	3.4	2.2	3.4#
203	17.3	13.7	20.5



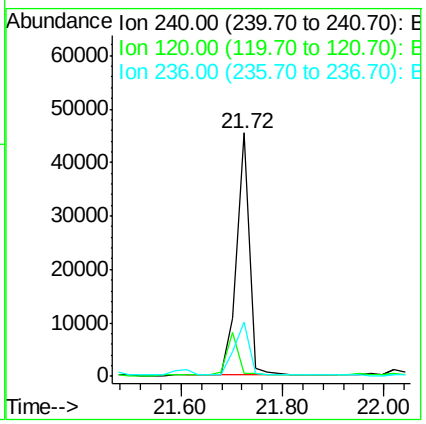


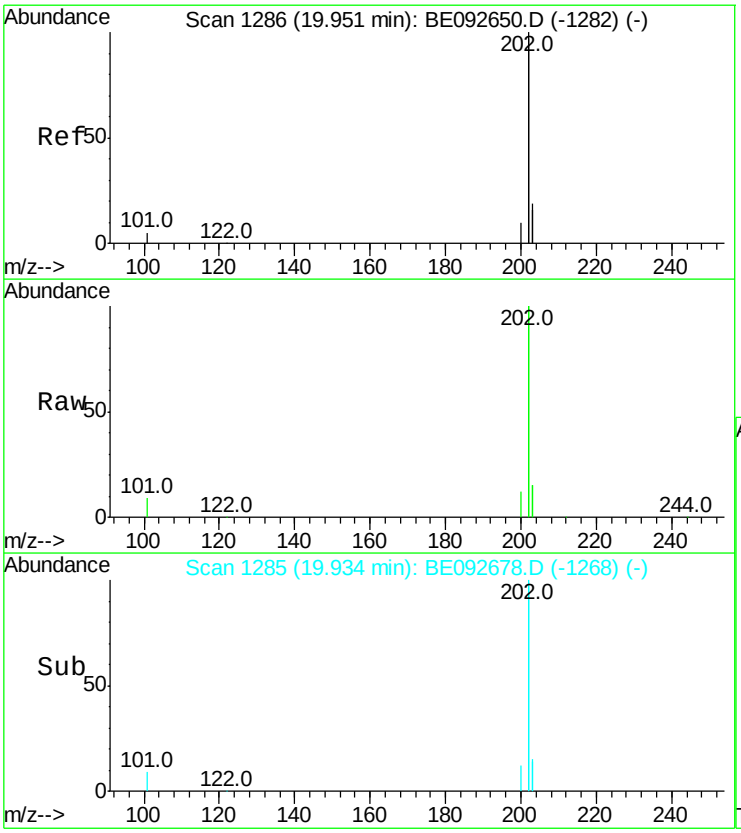
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092678.D
Acq: 24 Jan 2017 22:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 80441

Ion	Ratio	Lower	Upper
240	100		
120	1.1	2.6	4.0#
236	22.2	24.6	37.0#

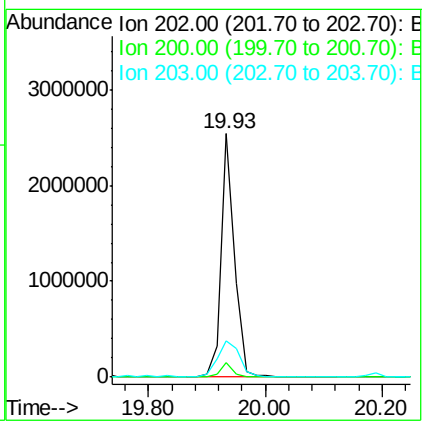


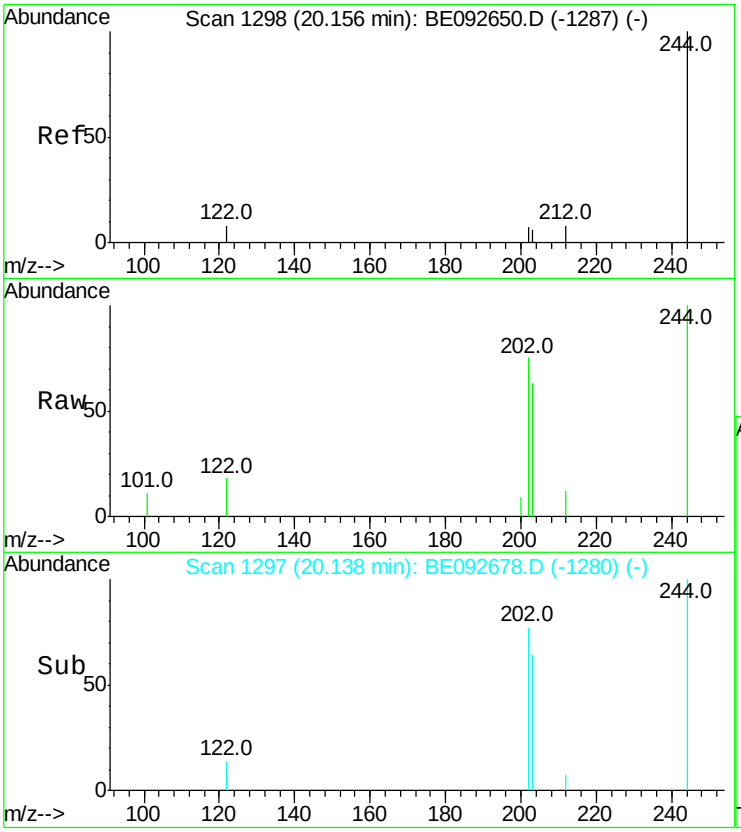


#25
Pyrene
Concen: 51.03 ng
RT: 19.93 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BE092678.D
Acq: 24 Jan 2017 22:57

Tgt Ion:202 Resp: 4045847

Ion	Ratio	Lower	Upper
202	100		
200	5.7	4.2	6.4
203	24.8	13.9	20.9#



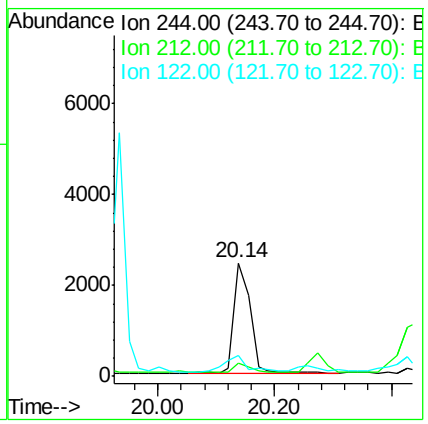


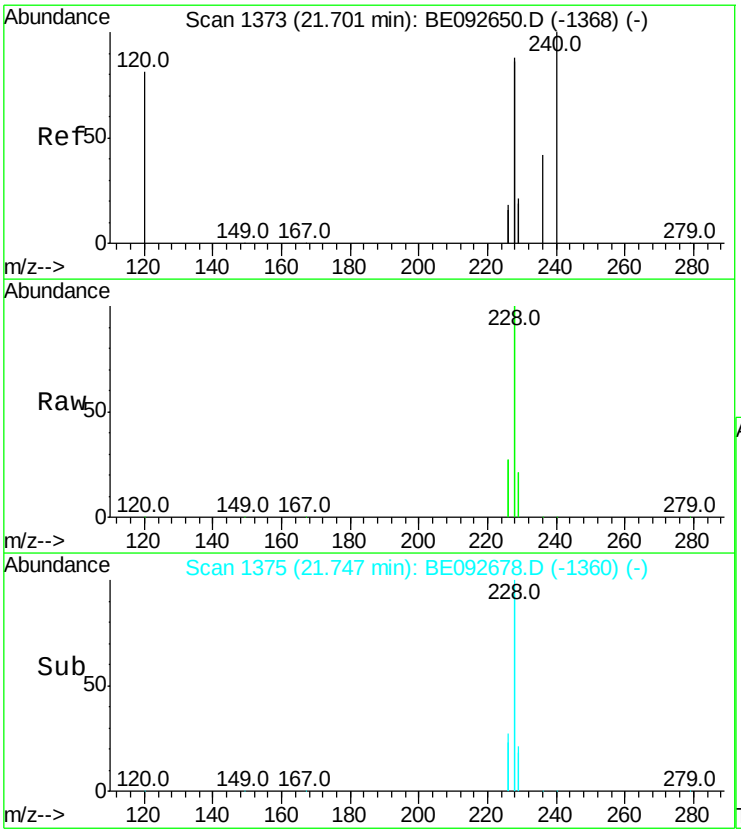
#26
Terphenyl-d14
Concen: 0.42 ng
RT: 20.14 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BE092678.D
Acq: 24 Jan 2017 22:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 4743

Ion	Ratio	Lower	Upper
244	100		
212	12.0	6.7	10.1#
122	18.3	3.6	5.4#

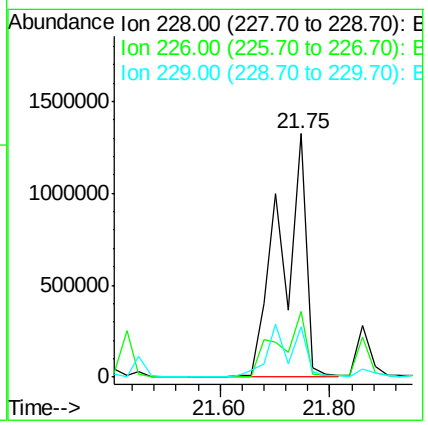


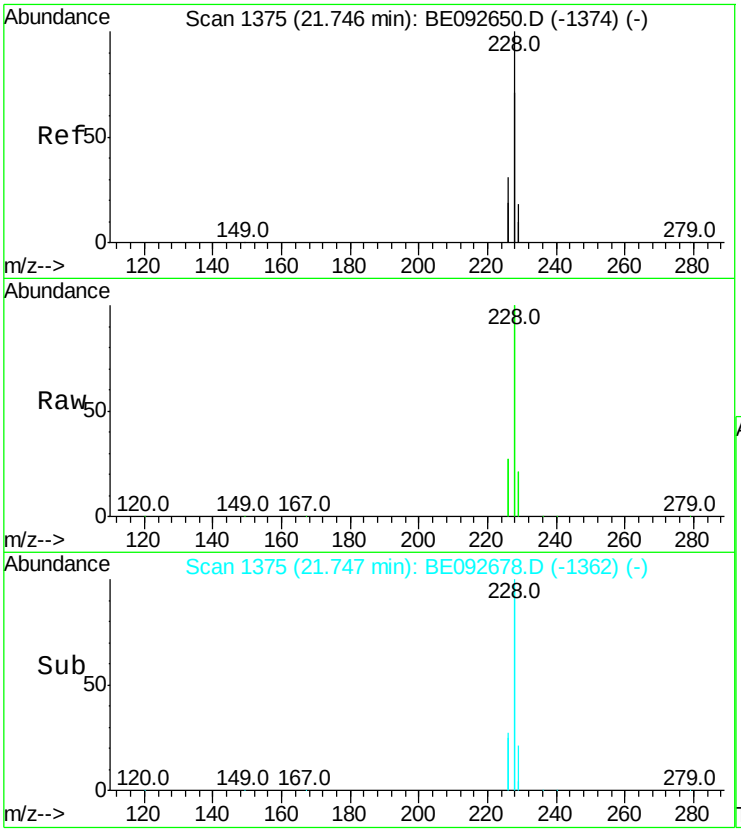


#27
Benzo(a)anthracene
Concen: 54.46 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.05 min
Lab File: BE092678.D
Acq: 24 Jan 2017 22:57

Tgt Ion:228 Resp: 4315627

Ion	Ratio	Lower	Upper
228	100		
226	26.8	23.6	35.4
229	20.6	13.3	19.9#



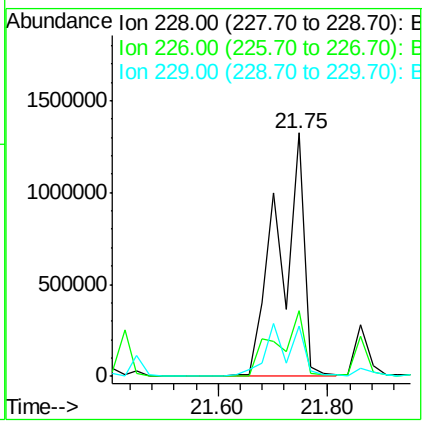


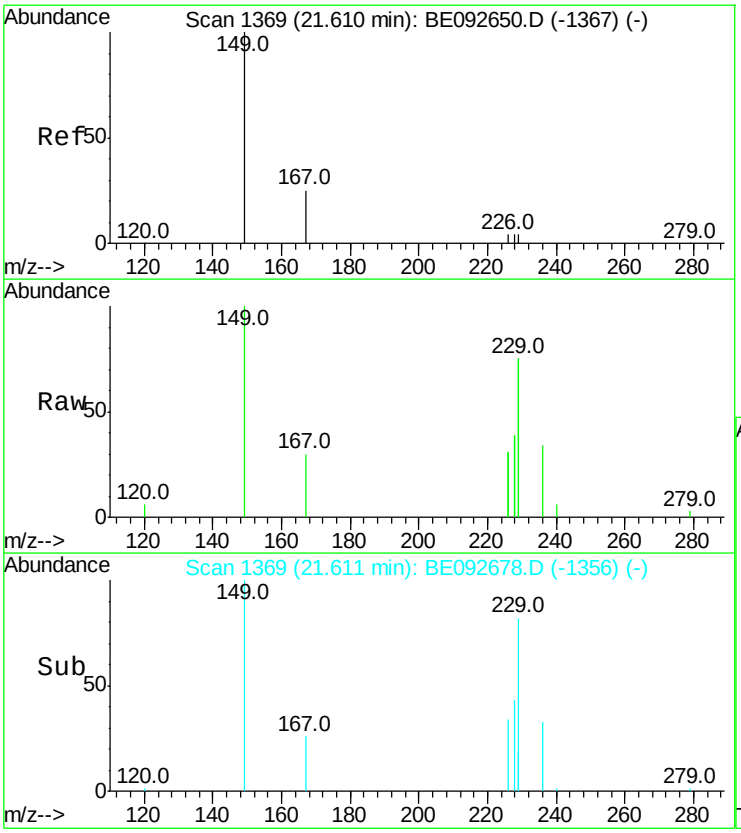
#28
Chrysene
Concen: 48.41 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092678.D
Acq: 24 Jan 2017 22:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 4315627

Ion	Ratio	Lower	Upper
228	100		
226	26.8	36.3	54.5#
229	20.6	10.6	16.0#

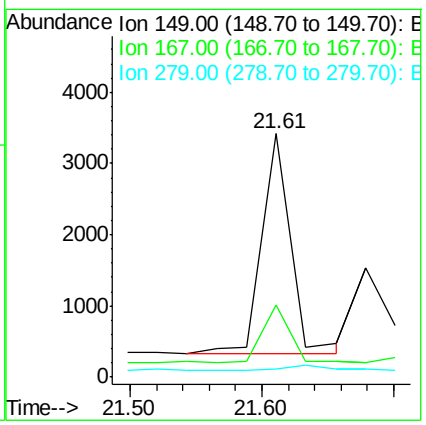


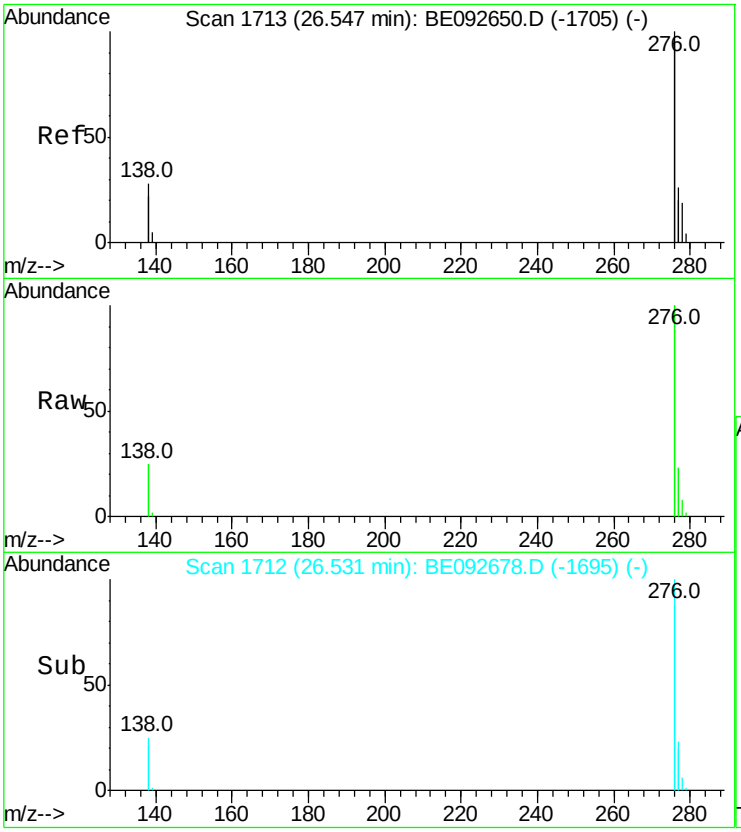


#29
Bis(2-ethylhexyl)phthalate
Concen: 0.50 ng
RT: 21.61 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BE092678.D
Acq: 24 Jan 2017 22:57

Tgt Ion:149 Resp: 4738

Ion	Ratio	Lower	Upper
149	100		
167	28.1	16.0	24.0#
279	0.0	16.0	24.0#



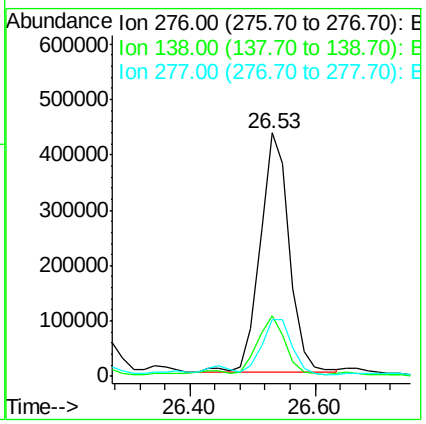


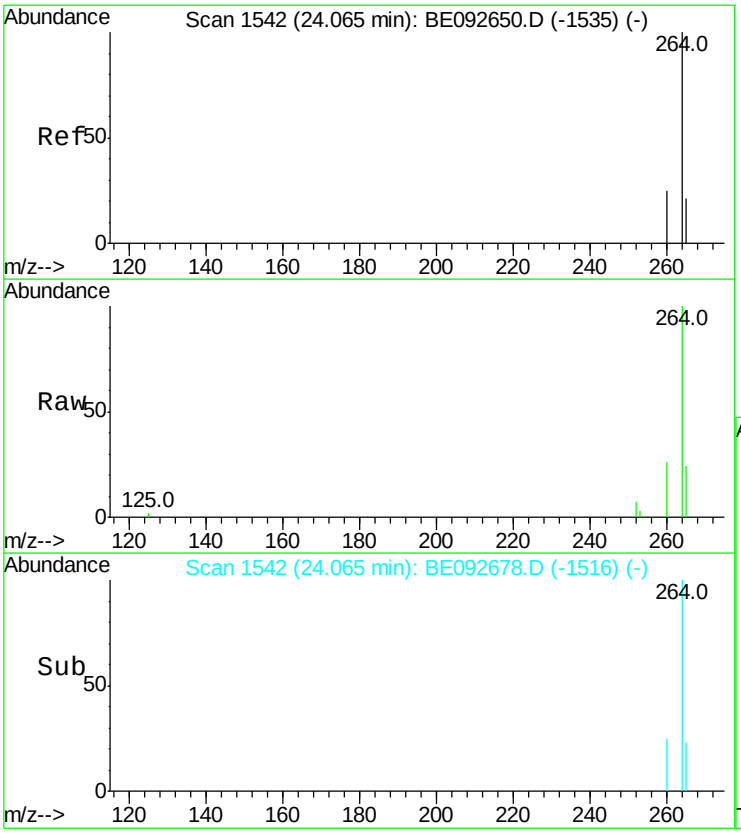
#30
Indeno(1,2,3-cd)pyrene
Concen: 14.67 ng
RT: 26.53 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BE092678.D
Acq: 24 Jan 2017 22:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 1413405

Ion	Ratio	Lower	Upper
276	100		
138	23.7	20.3	30.5
277	23.8	19.7	29.5

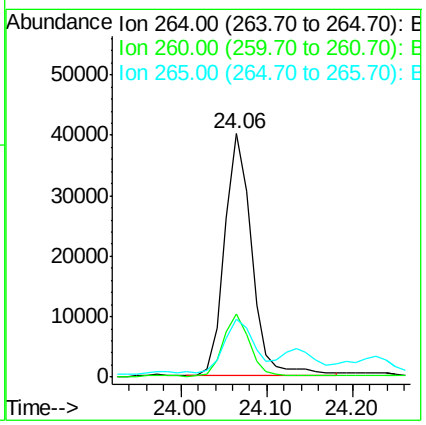


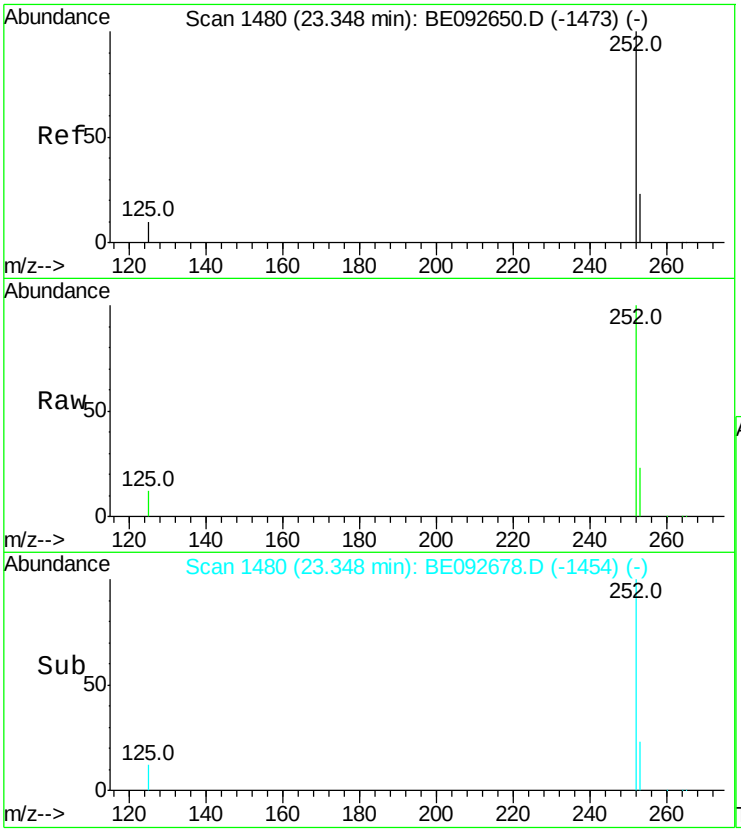


#31
Perylene-d12
Concen: 5.00 ng
RT: 24.06 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BE092678.D
Acq: 24 Jan 2017 22:57

Tgt Ion:264 Resp: 87890

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.1	30.1
265	23.6	17.9	26.9



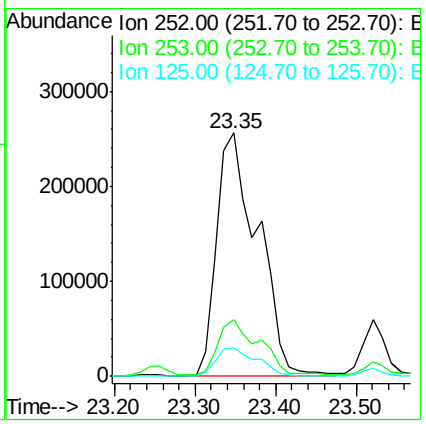


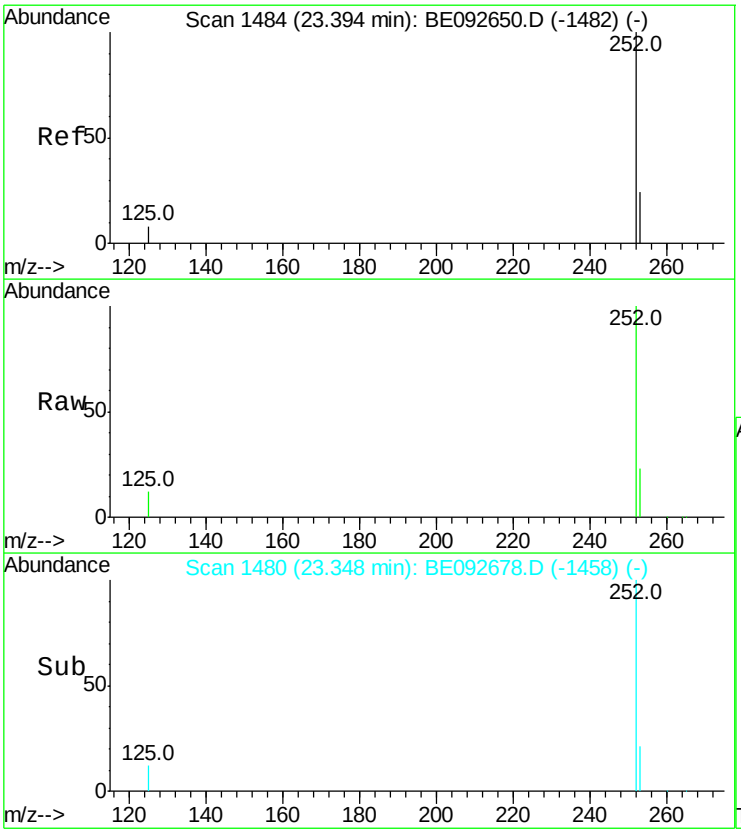
#32
Benzo(b)fluoranthene
Concen: 42.48 ng
RT: 23.35 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BE092678.D
Acq: 24 Jan 2017 22:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 903192

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.7	28.1
125	11.7	10.5	15.7

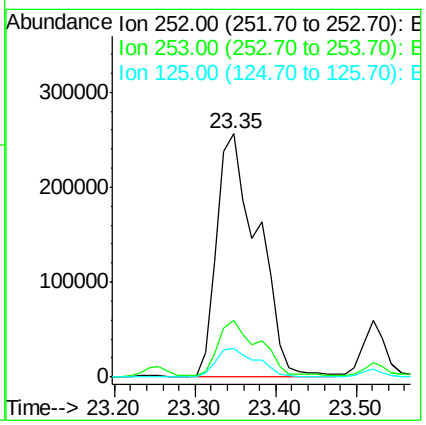


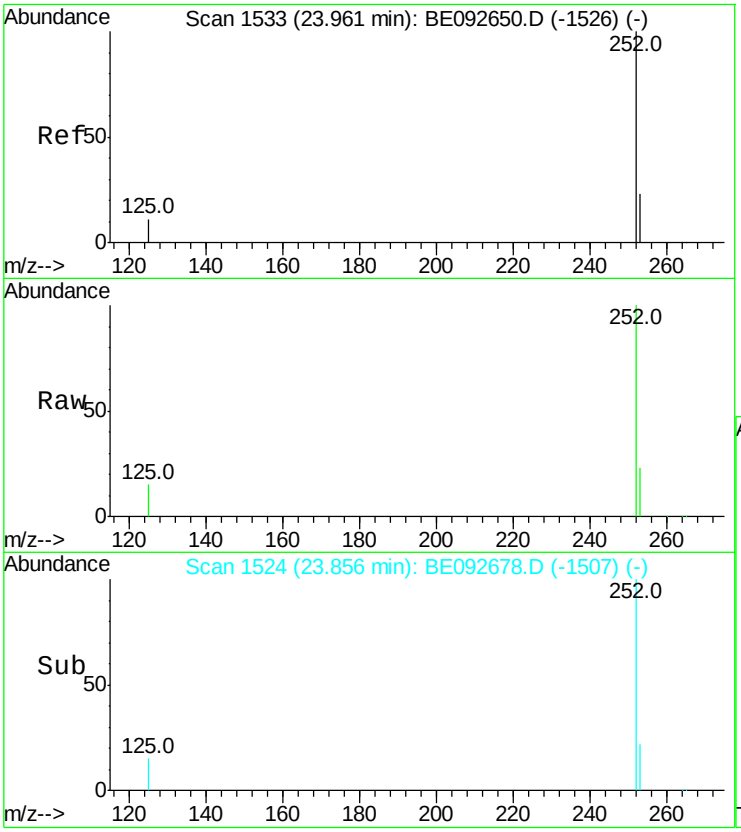


#33
Benzo(k)fluoranthene
Concen: 42.29 ng
RT: 23.35 min Scan# 1480
Delta R.T. -0.05 min
Lab File: BE092678.D
Acq: 24 Jan 2017 22:57

Tgt Ion:252 Resp: 903192

Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.3	30.5
125	11.7	9.6	14.4



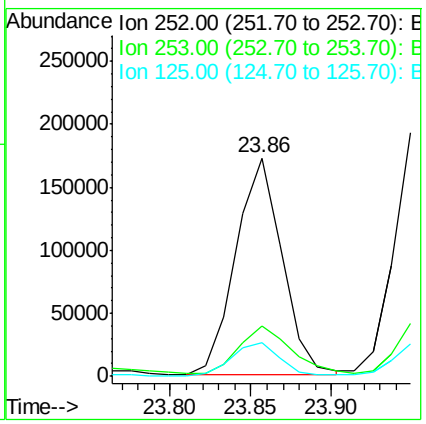


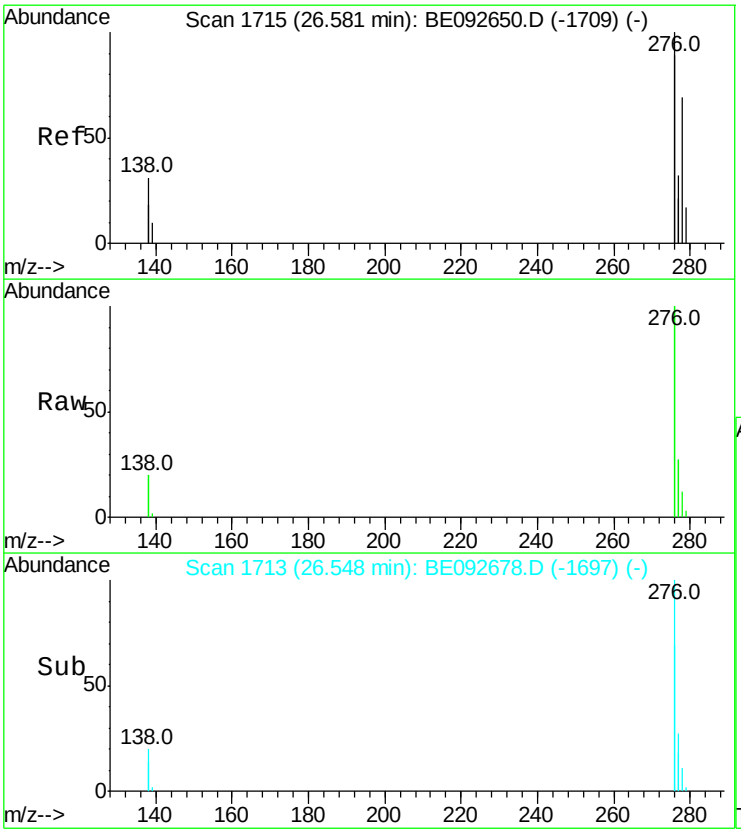
#34
Benzo(a)pyrene
Concen: 17.08 ng
RT: 23.86 min Scan# 1524
Delta R.T. -0.10 min
Lab File: BE092678.D
Acq: 24 Jan 2017 22:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 340916

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.0	28.6
125	15.4	11.8	17.8

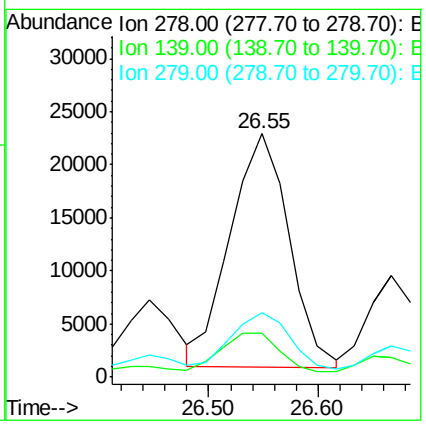


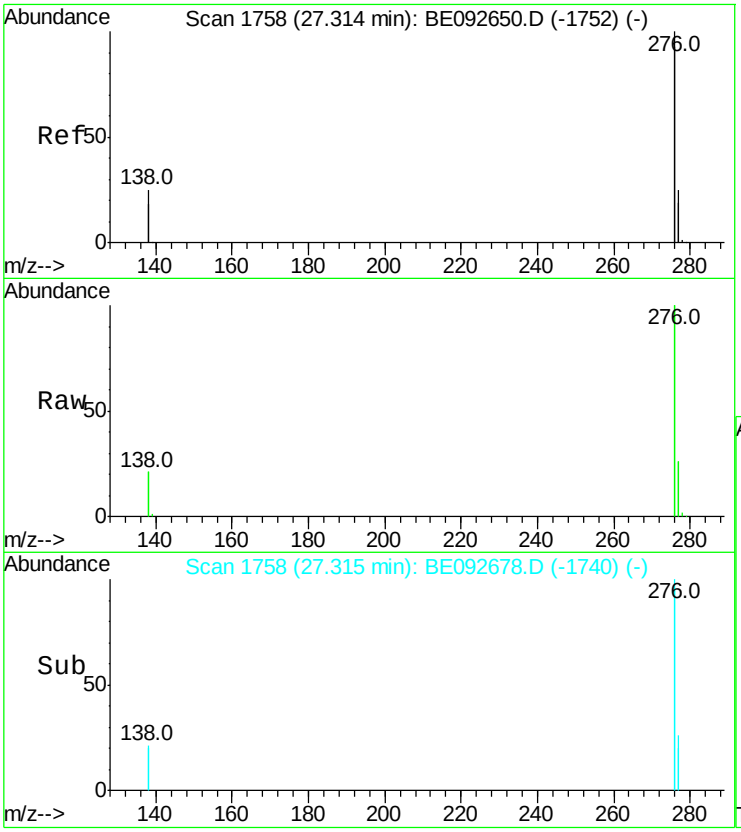


#35
Dibenzo(a,h)anthracene
Concen: 4.18 ng
RT: 26.55 min Scan# 1713
Delta R.T. -0.03 min
Lab File: BE092678.D
Acq: 24 Jan 2017 22:57

Tgt Ion:278 Resp: 81758

Ion	Ratio	Lower	Upper
278	100		
139	18.1	13.8	20.8
279	26.4	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 18.56 ng
RT: 27.31 min Scan# 1758
Delta R.T. 0.00 min
Lab File: BE092678.D
Acq: 24 Jan 2017 22:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 1532663

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.8	29.8
138	21.4	19.8	29.6