Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012417\
Data File : BE092676.D
Acq On : 24 Jan 2017 21:39
Operator : UM/SJ
Sample : I1378-05 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 25 11:08:52 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	9416	5.00	ng		0.00
7) Naphthalene-d8	10.91	136	44672	5.00	ng		0.00
12) Acenaphthene-d10	14.78	164	31044	5.00	ng		0.00
18) Phenanthrene-d10	17.53	188	68232	5.00	ng		0.00
24) Chrysene-d12	21.72	240	72363	5.00	ng		0.00
31) Perylene-d12	24.07	264	73654	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.66	112	1675	0.80	ng		0.01
5) Phenol-d6	7.33	99	2016	0.78	ng		0.00
8) Nitrobenzene-d5	9.41	82	761	0.26	ng		0.07
13) 2,4,6-Tribromophenol	16.34	330	544	0.71	ng		0.05
14) 2-Fluorobiphenyl	13.43	172	3270	0.43	ng		0.01
26) Terphenyl-d14	20.16	244	4293	0.42	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.97	128	296	0.03	ng	#	29
15) Acenaphthylene	14.51	152	1570	0.04	ng		99
16) Acenaphthene	14.85	154	217	0.03	ng		88
17) Fluorene	15.87	166	175	0.02	ng		96
19) Hexachlorobenzene	16.66	284	529	0.15	ng	#	41
21) Phenanthrene	17.58	178	4307	0.29	ng		95
22) Anthracene	17.69	178	1042	0.07	ng		100
23) Fluoranthene	19.58	202	34795	0.52	ng		100
25) Pyrene	19.95	202	32398	0.45	ng	#	92
27) Benzo(a)anthracene	21.75	228	40372	0.57	ng	#	95
28) Chrysene	21.75	228	40372	0.50	ng	#	80
29) Bis(2-ethylhexyl)phthalate	21.61	149	3357	0.44	ng	#	73
30) Indeno(1,2,3-cd)pyrene	26.55	276	10336	0.12	ng		95
32) Benzo(b)fluoranthene	23.35	252	8398	0.47	ng		96
33) Benzo(k)fluoranthene	23.35	252	8398	0.47	ng		97
34) Benzo(a)pyrene	23.96	252	4042	0.24	ng		94
35) Dibenzo(a,h)anthracene	26.56	278	638	0.04	ng	#	53
36) Benzo(g,h,i)perylene	27.31	276	10802	0.16	ng		92

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

Quantitation Report (Not Reviewed)

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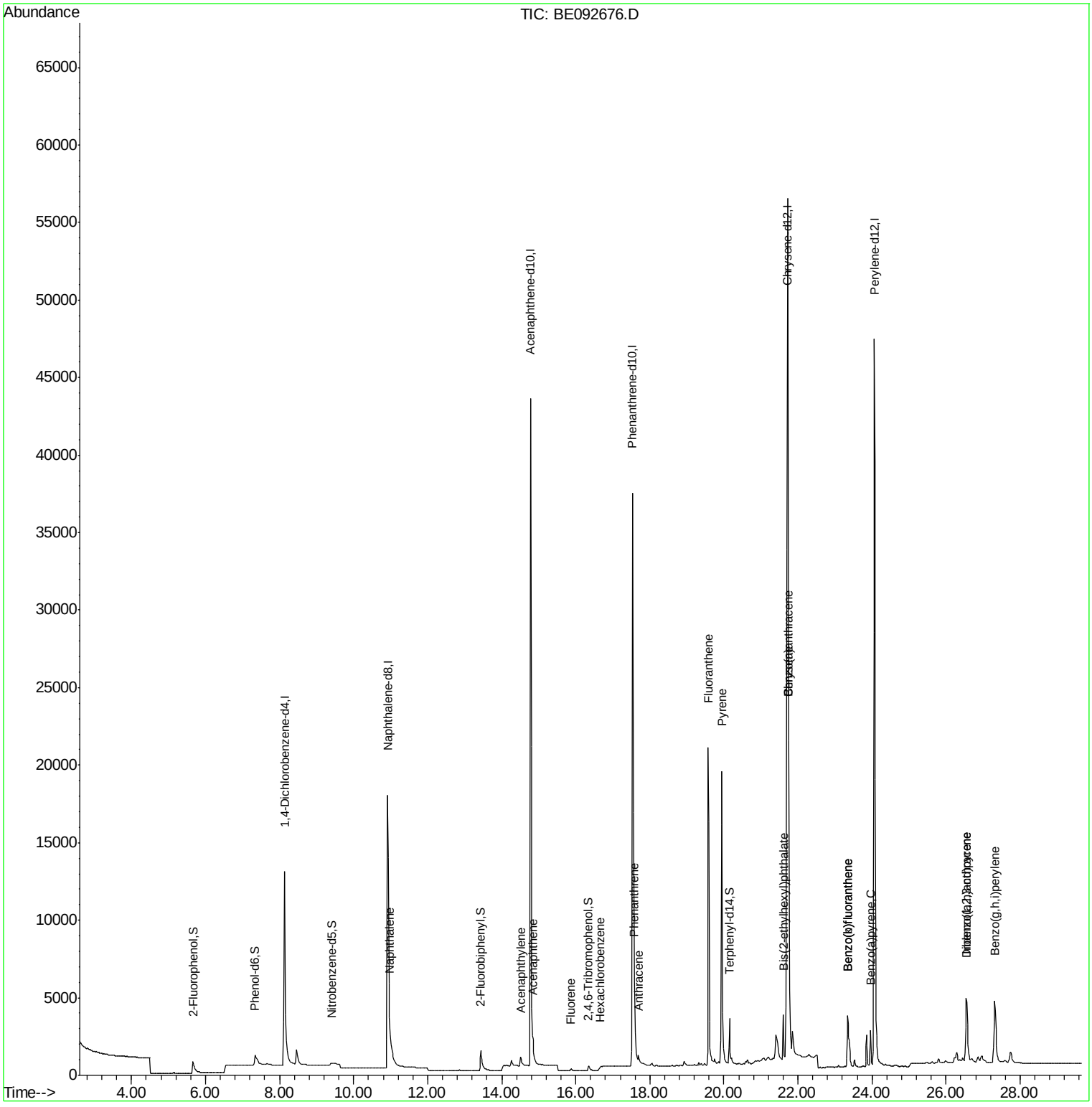
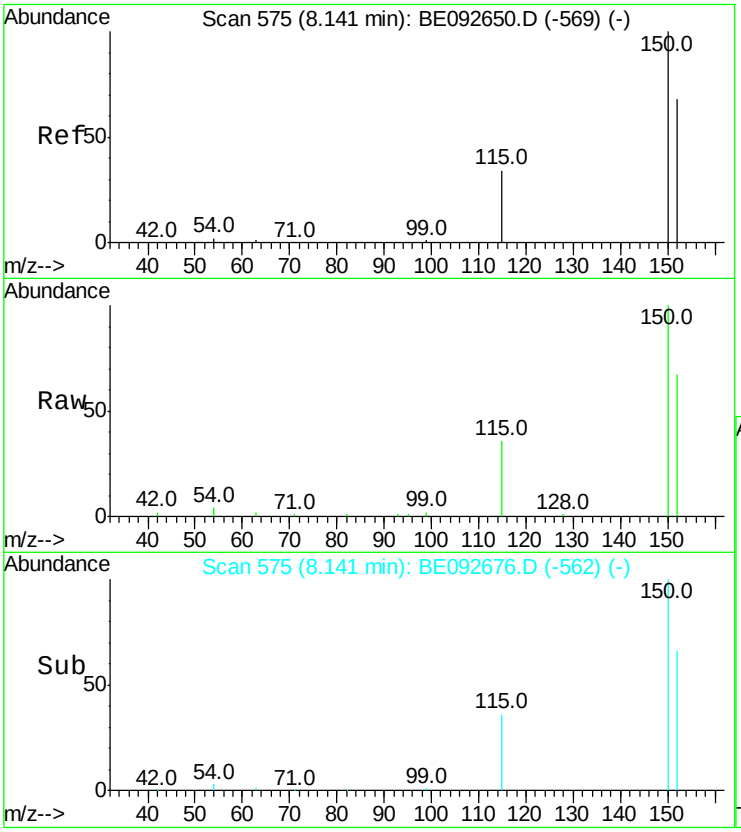
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 10:14:01 2017
Response via : Initial Calibration



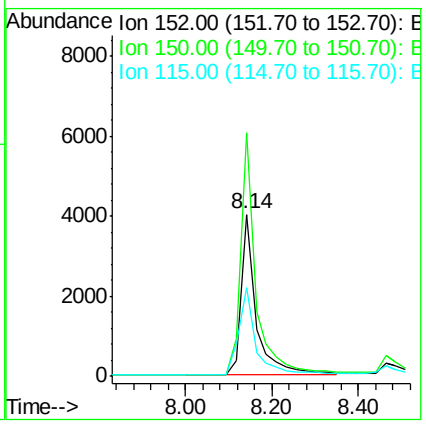


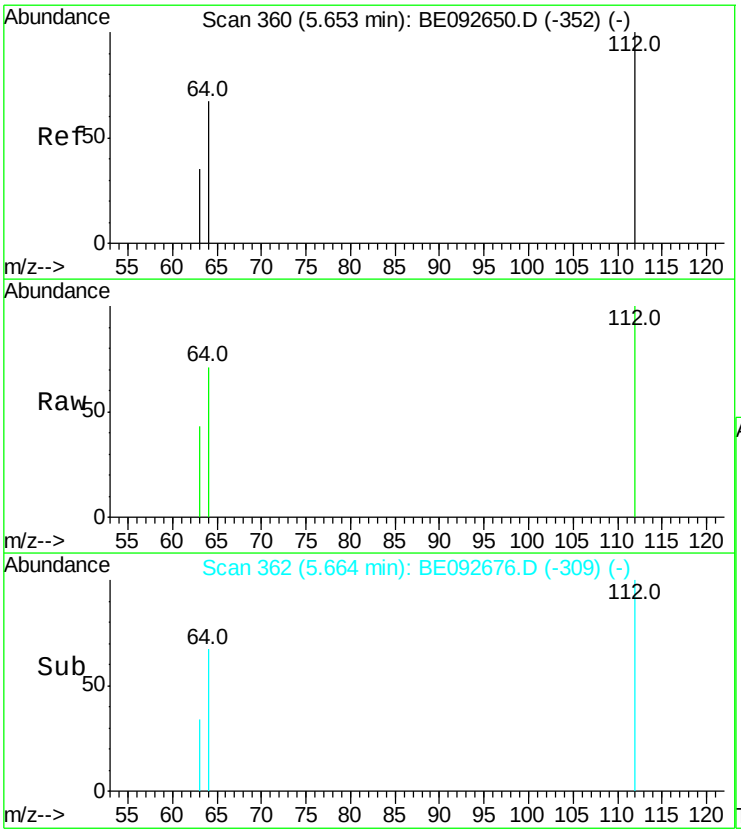
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. 0.00 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 9416

Ion	Ratio	Lower	Upper
152	100		
150	150.0	106.0	159.0
115	54.6	31.2	46.8#

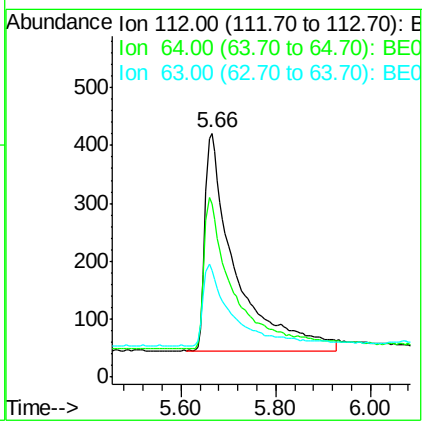


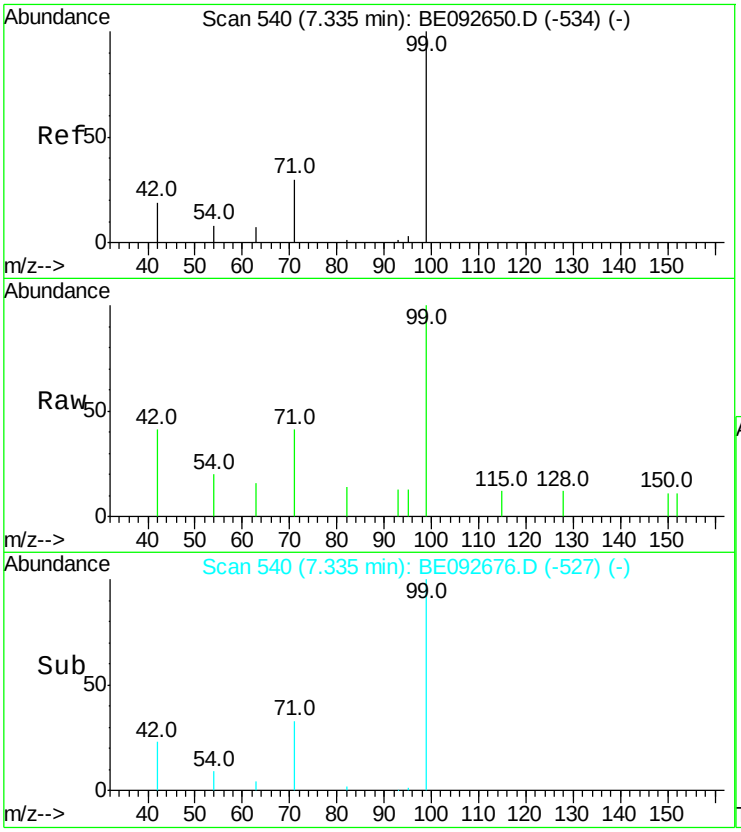


#4
2-Fluorophenol
Concen: 0.80 ng
RT: 5.66 min Scan# 362
Delta R.T. 0.01 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Tgt Ion:112 Resp: 1675

Ion	Ratio	Lower	Upper
112	100		
64	67.2	53.5	80.3
63	34.5	27.9	41.9



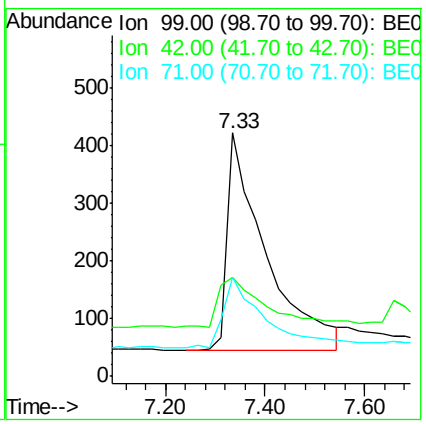


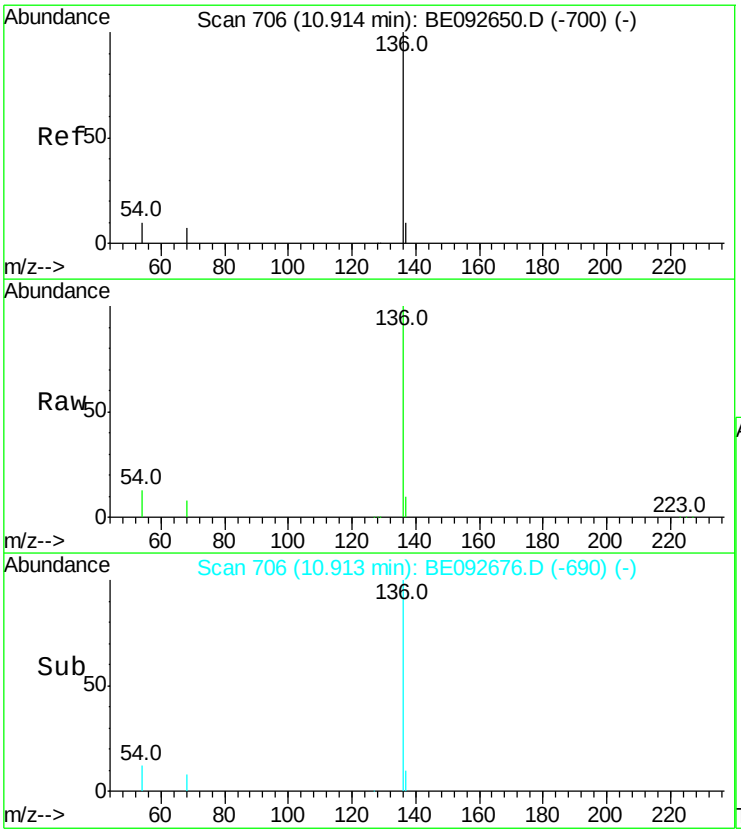
#5
Phenol-d6
Concen: 0.78 ng
RT: 7.33 min Scan# 540
Delta R.T. 0.00 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2016

Ion	Ratio	Lower	Upper
99	100		
42	28.2	16.0	24.0#
71	34.6	30.6	45.8

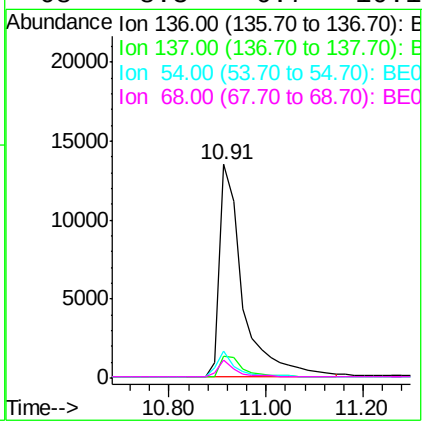


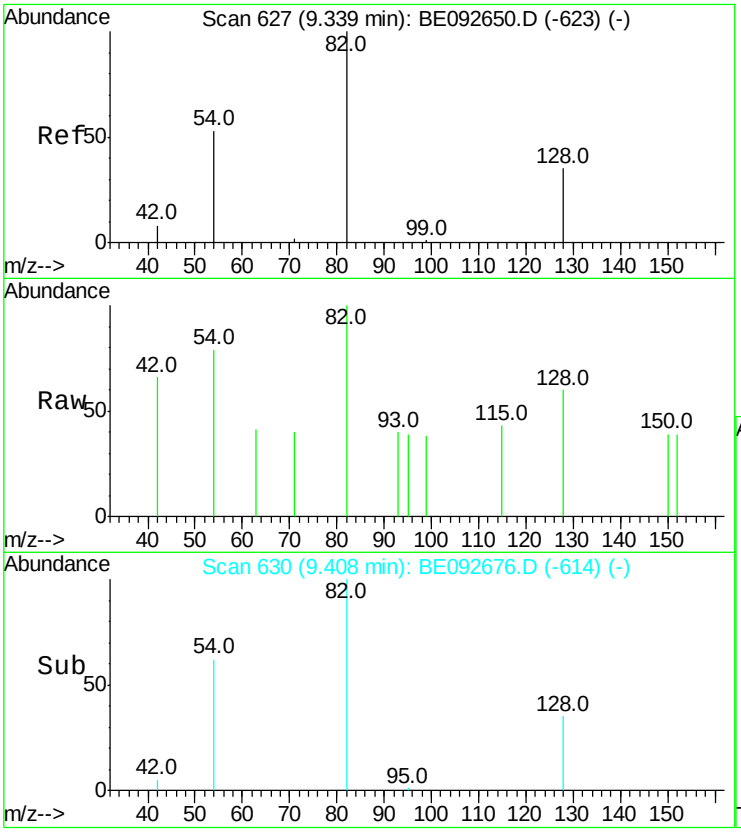


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.91 min Scan# 706
Delta R.T. -0.00 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Tgt Ion:136 Resp: 44672

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.4
54	12.8	9.6	14.4
68	8.3	6.7	10.1



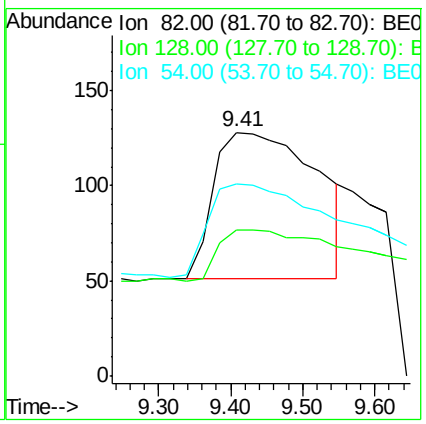


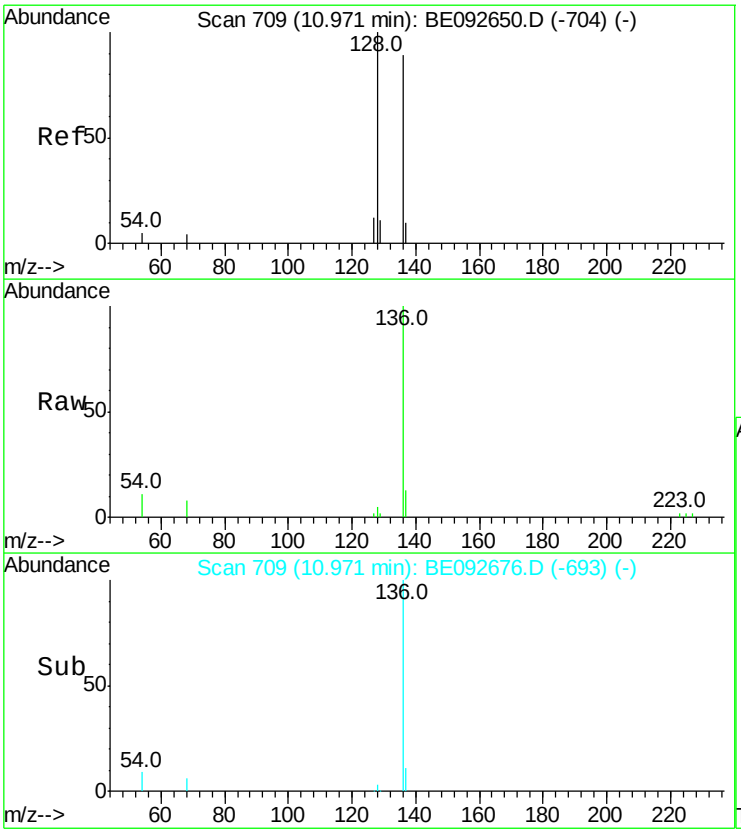
#8
Nitrobenzene-d5
Concen: 0.26 ng
RT: 9.41 min Scan# 630
Delta R.T. 0.07 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 761

Ion	Ratio	Lower	Upper
82	100		
128	60.2	39.0	58.4#
54	78.9	44.8	67.2#

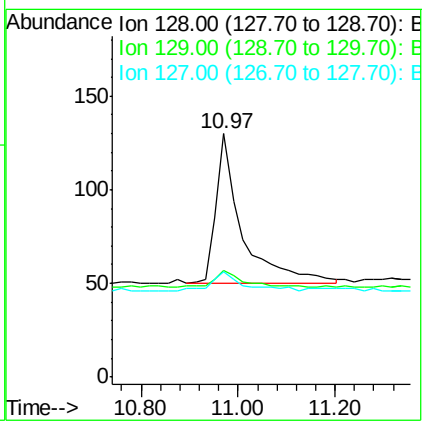


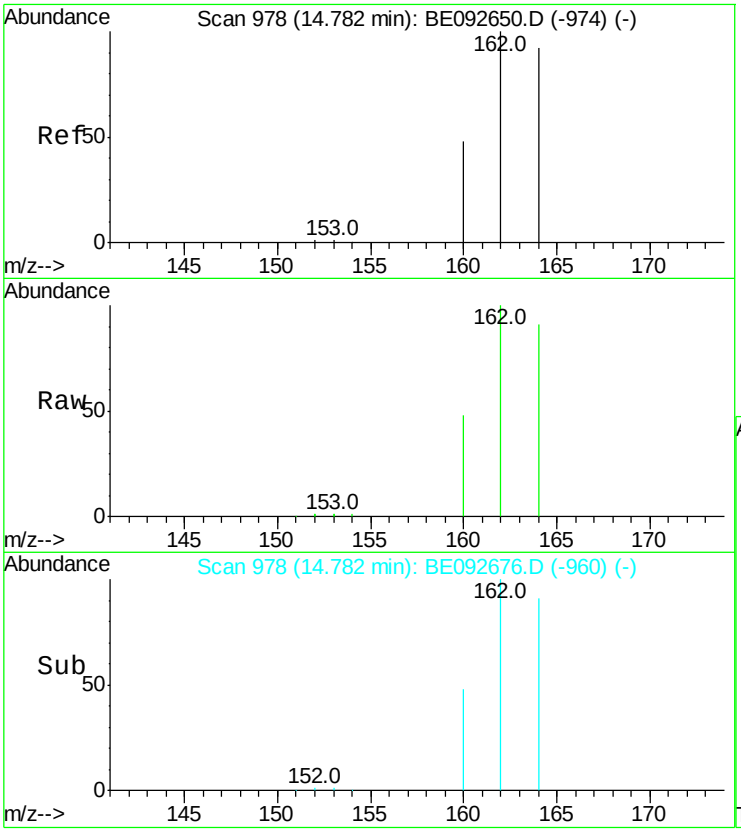


#9
Naphthalene
Concen: 0.03 ng
RT: 10.97 min Scan# 709
Delta R.T. -0.00 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Tgt Ion:128 Resp: 296

Ion	Ratio	Lower	Upper
128	100		
129	43.8	11.2	16.8#
127	43.1	11.6	17.4#



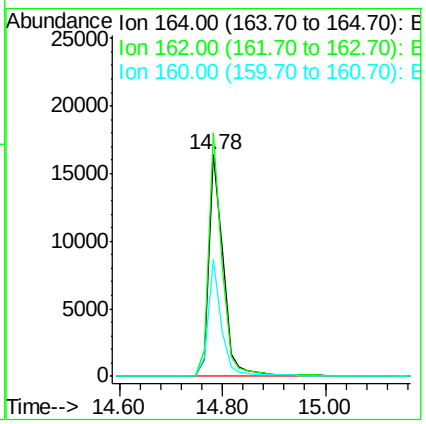


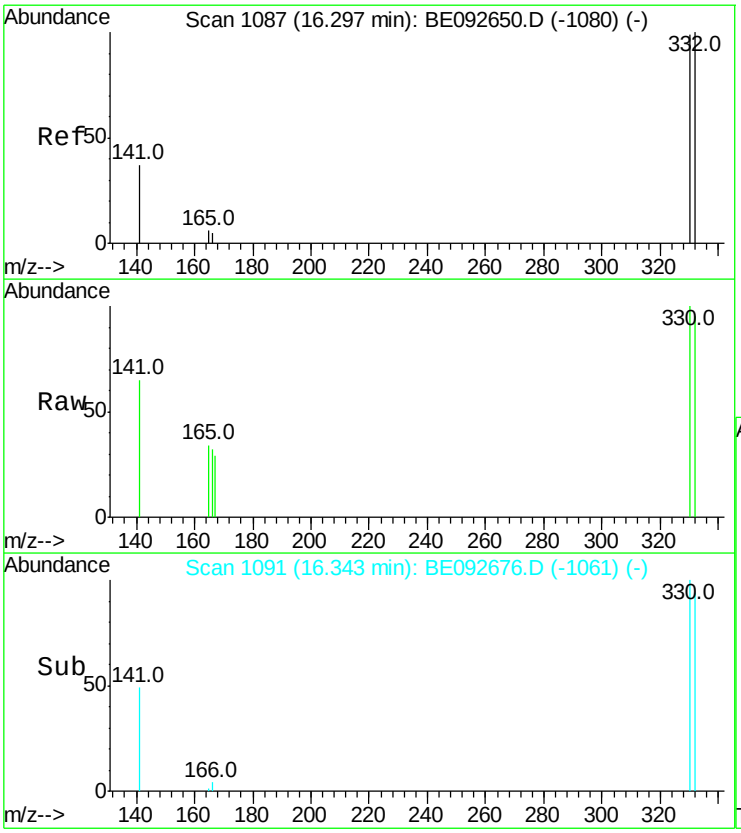
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.78 min Scan# 978
Delta R.T. 0.00 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 31044

Ion	Ratio	Lower	Upper
164	100		
162	109.8	71.4	107.0#
160	52.8	27.4	41.2#

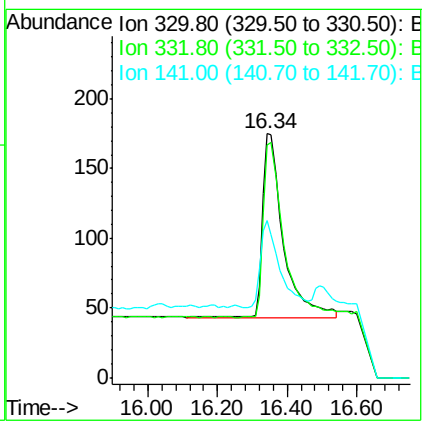


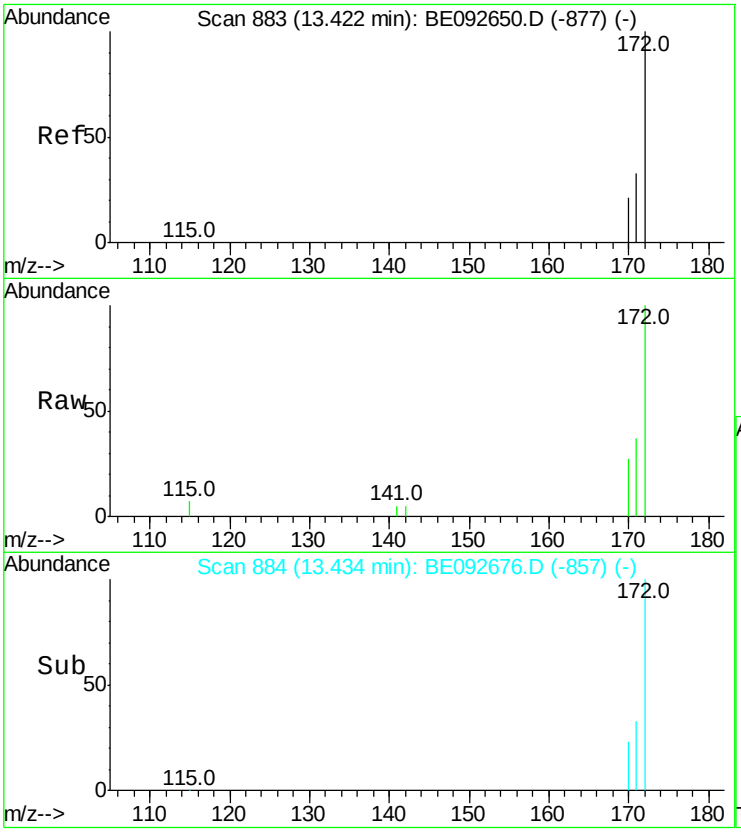


#13
2,4,6-Tribromophenol
Concen: 0.71 ng
RT: 16.34 min Scan# 1091
Delta R.T. 0.05 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Tgt Ion:330 Resp: 544

Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.4	113.0
141	44.1	31.0	46.6



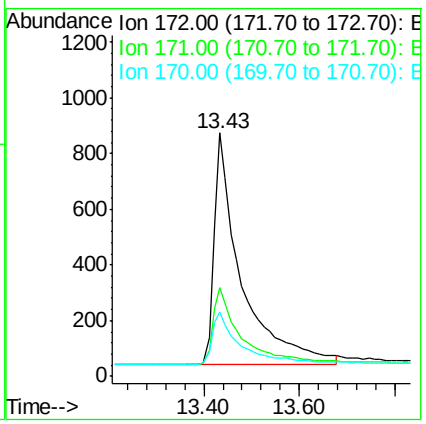


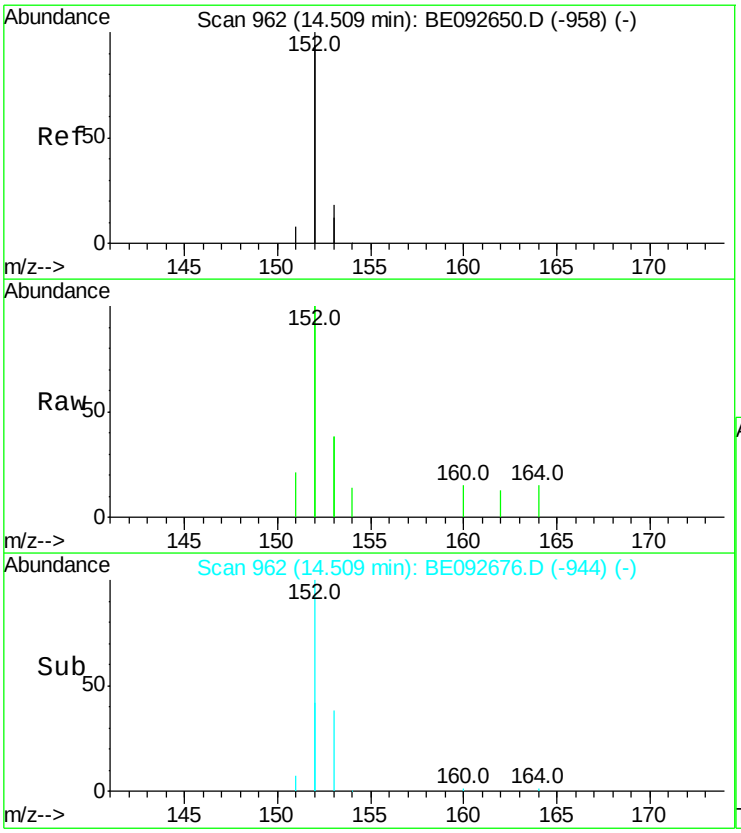
#14
2-Fluorobiphenyl
Concen: 0.43 ng
RT: 13.43 min Scan# 884
Delta R.T. 0.01 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3270

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.1	45.1
170	26.5	21.8	32.6

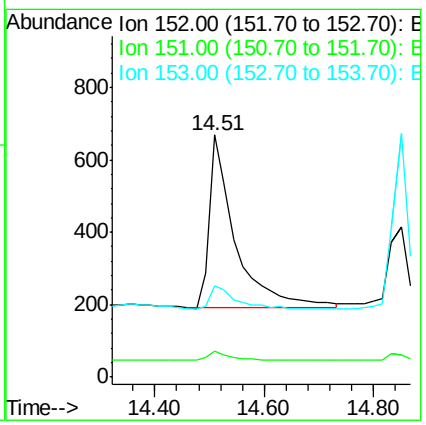


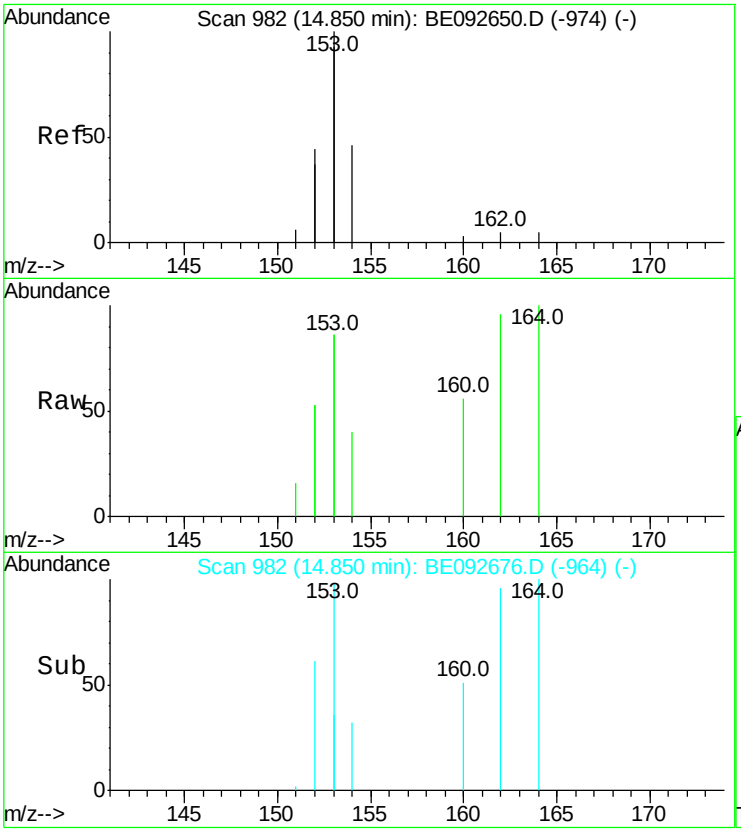


#15
Acenaphthylene
Concen: 0.04 ng
RT: 14.51 min Scan# 962
Delta R.T. 0.00 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Tgt Ion:152 Resp: 1570

Ion	Ratio	Lower	Upper
152	100		
151	5.4	3.9	5.9
153	13.2	10.4	15.6



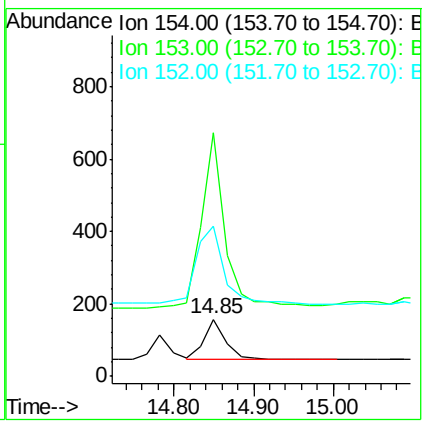


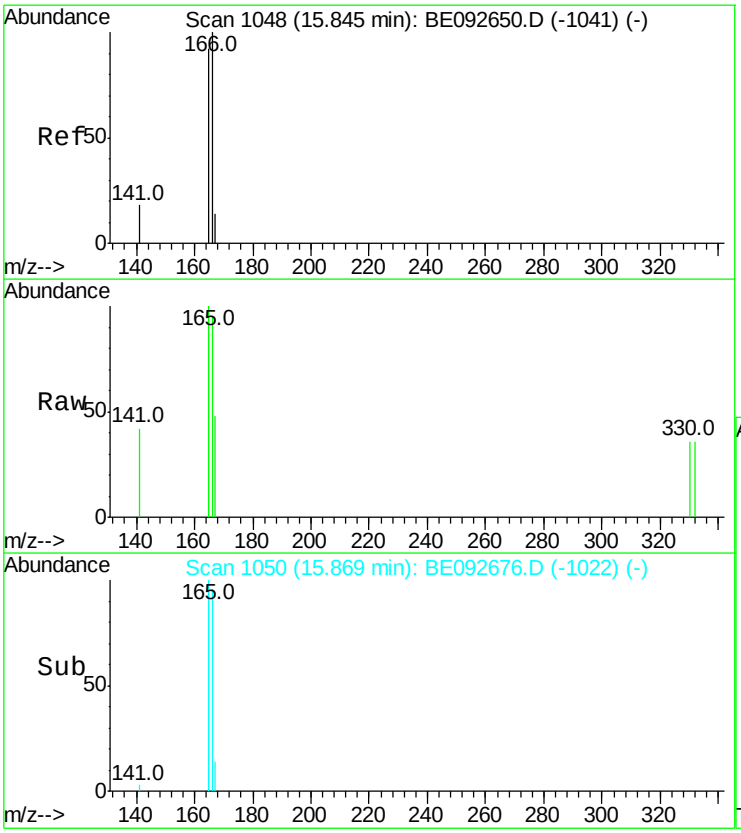
#16
Acenaphthene
Concen: 0.03 ng
RT: 14.85 min Scan# 982
Delta R.T. 0.00 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 217

Ion	Ratio	Lower	Upper
154	100		
153	462.7	350.8	526.2
152	242.9	171.1	256.7

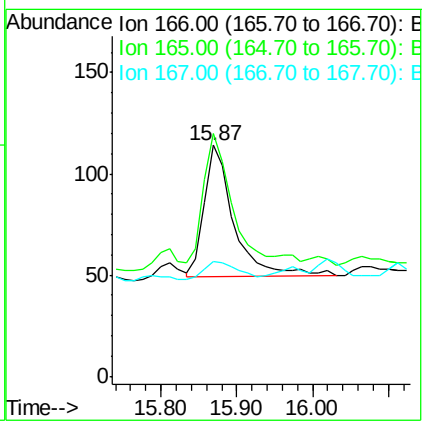


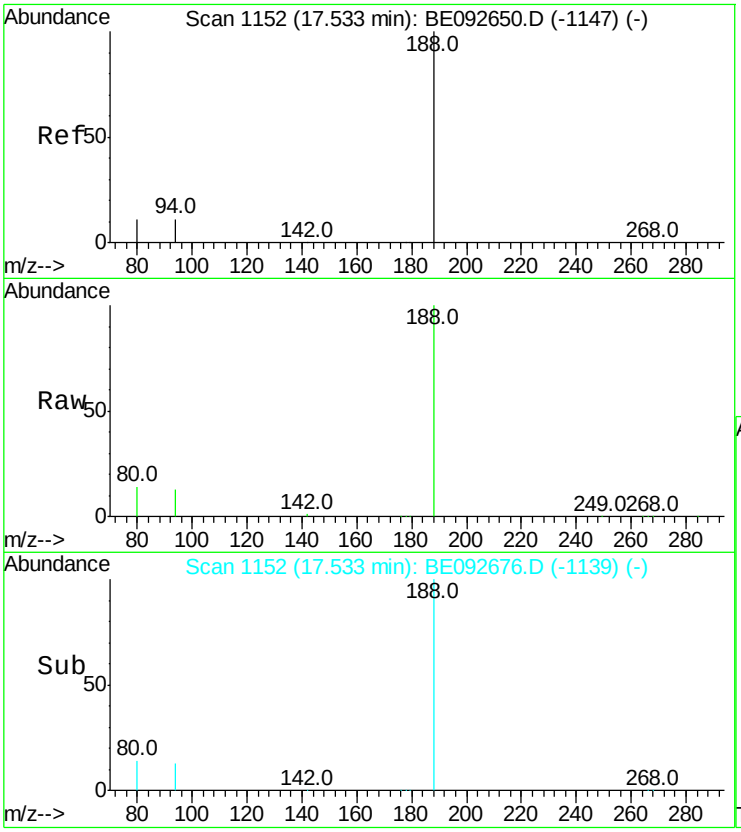


#17
Fluorene
Concen: 0.02 ng
RT: 15.87 min Scan# 1050
Delta R.T. 0.02 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Tgt Ion:166 Resp: 175

Ion	Ratio	Lower	Upper
166	100		
165	93.1	78.2	117.4
167	14.9	11.0	16.4



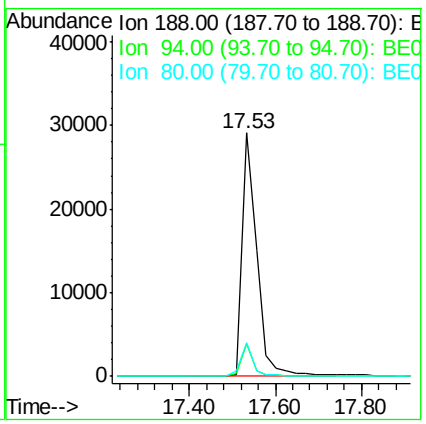


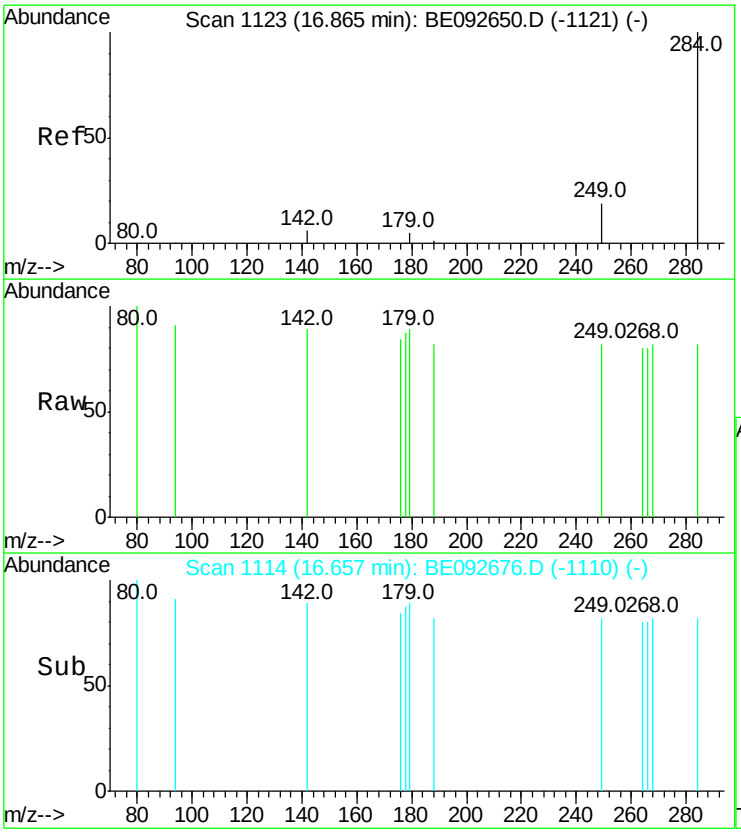
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 68232

Ion	Ratio	Lower	Upper
188	100		
94	13.3	3.2	4.8#
80	13.8	2.6	3.8#

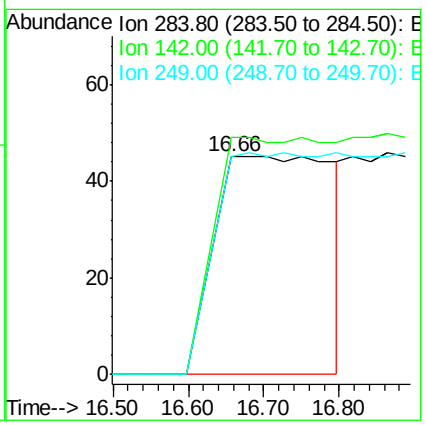


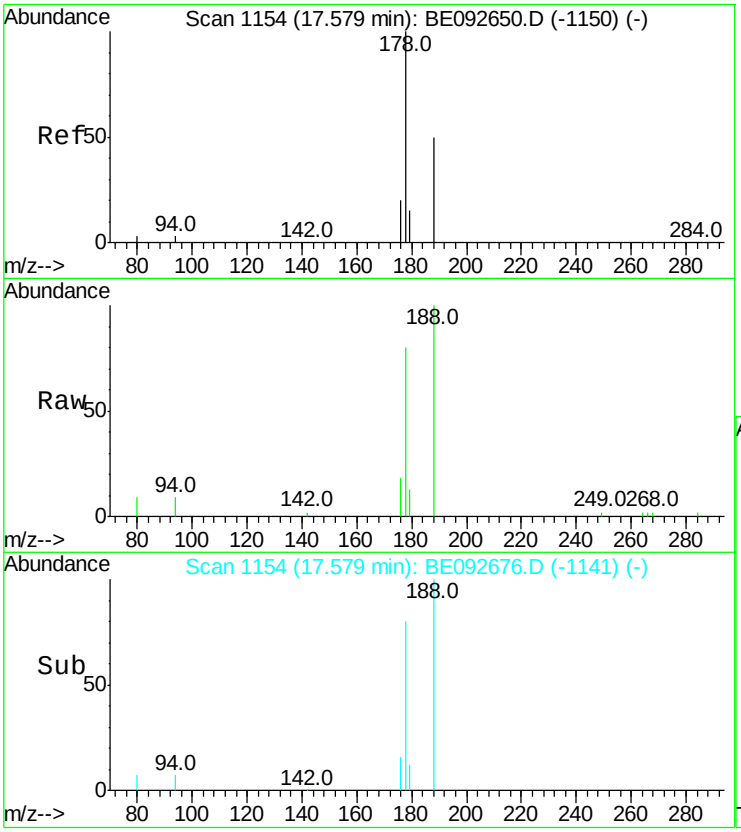


#19
Hexachlorobenzene
Concen: 0.15 ng
RT: 16.66 min Scan# 1114
Delta R.T. -0.21 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Tgt Ion:284 Resp: 529

Ion	Ratio	Lower	Upper
284	100		
142	70.7	29.1	43.7#
249	0.0	27.9	41.9#



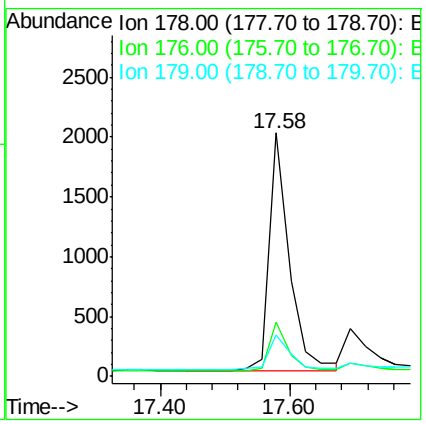


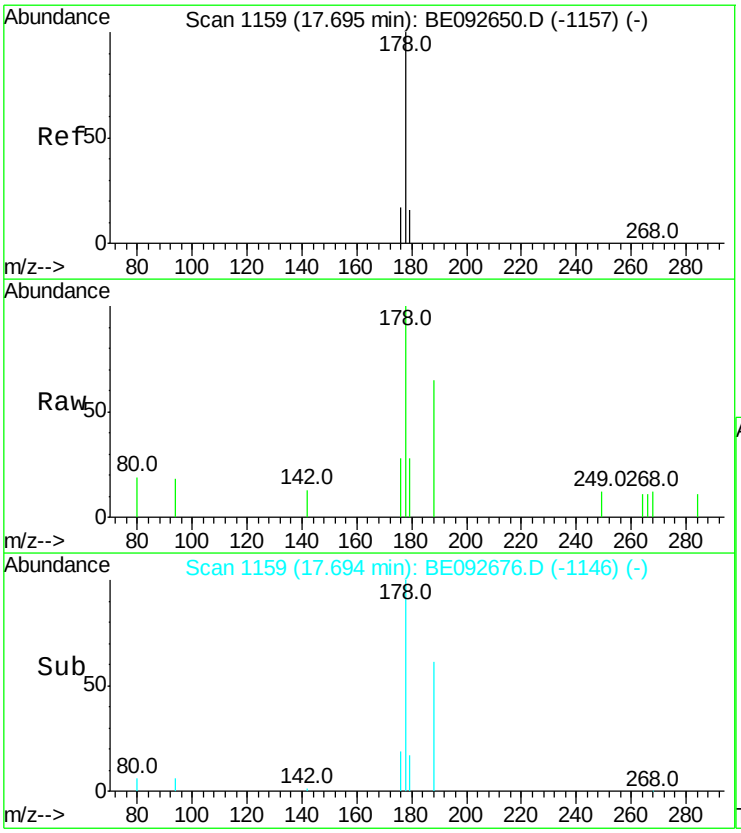
#21
Phenanthrene
Concen: 0.29 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 4307

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	16.3	16.0	24.0

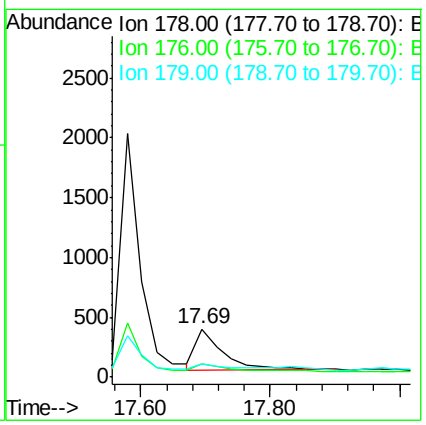


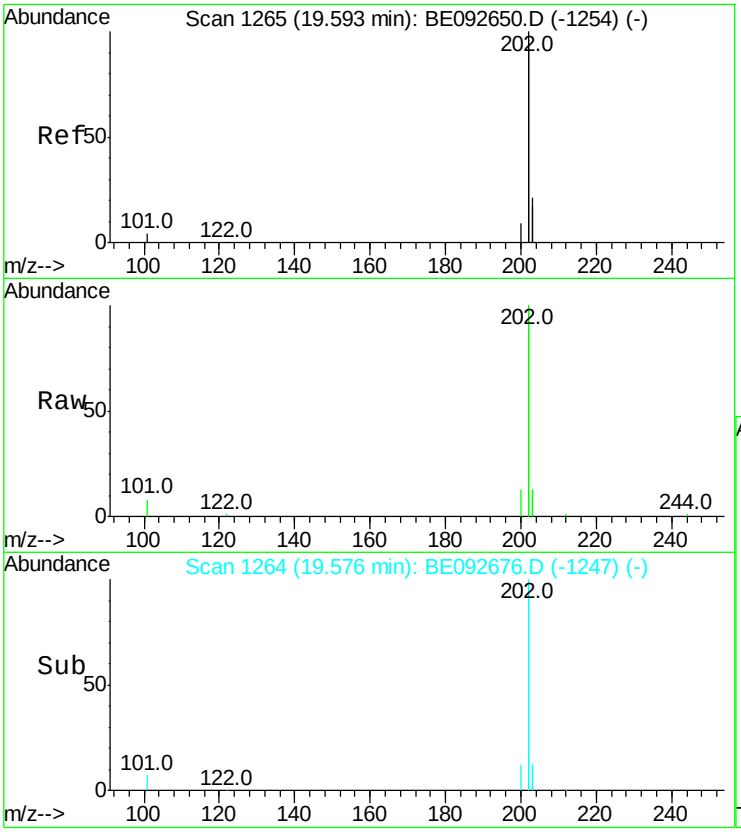


#22
Anthracene
Concen: 0.07 ng
RT: 17.69 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Tgt Ion:178 Resp: 1042

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.0	12.2	18.2



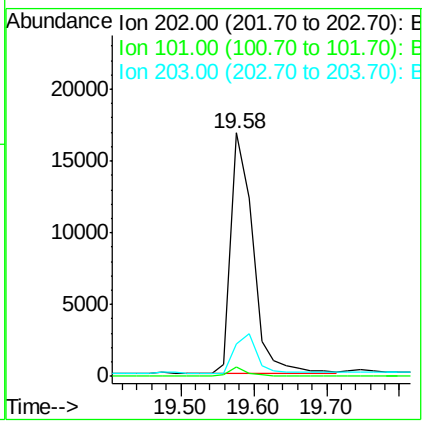


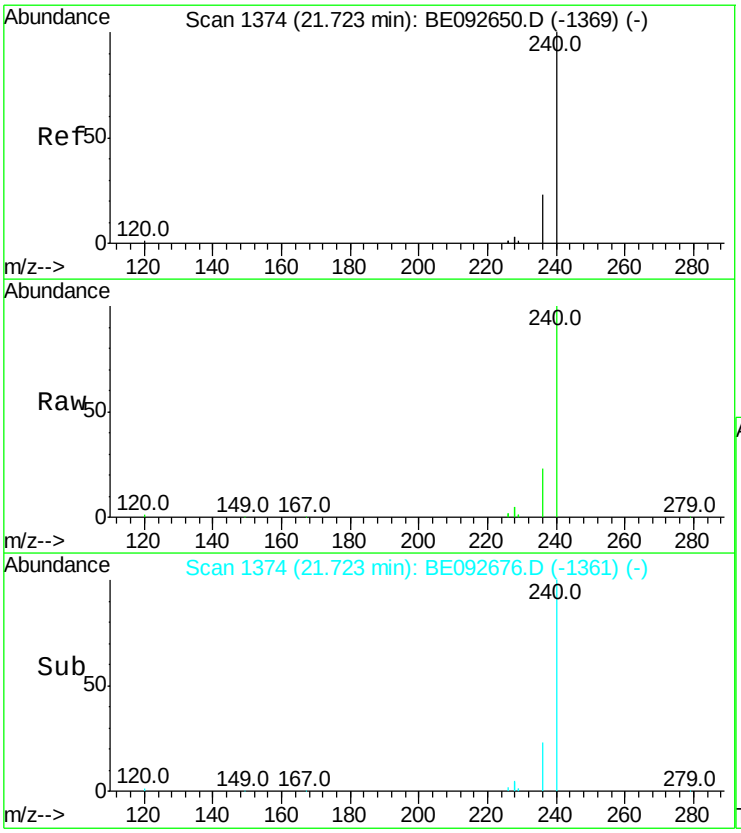
#23
Fluoranthene
Concen: 0.52 ng
RT: 19.58 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 34795

Ion	Ratio	Lower	Upper
202	100		
101	2.9	2.2	3.4
203	17.1	13.7	20.5

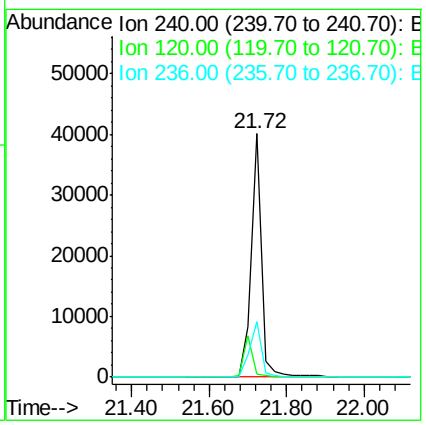


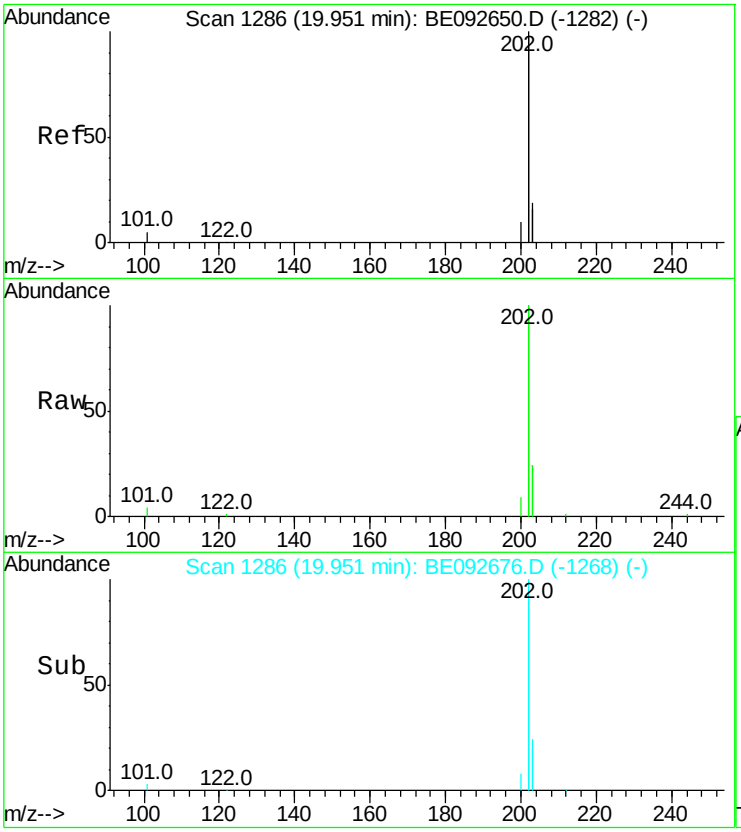


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Tgt Ion:240 Resp: 72363

Ion	Ratio	Lower	Upper
240	100		
120	1.3	2.6	4.0#
236	22.7	24.6	37.0#



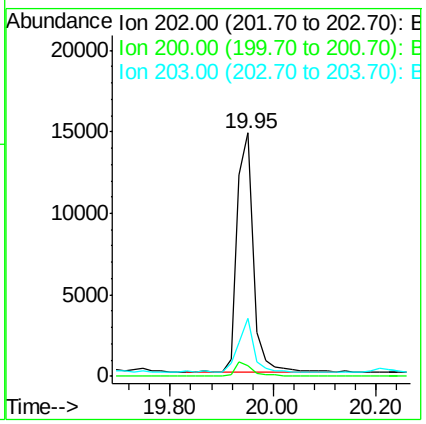


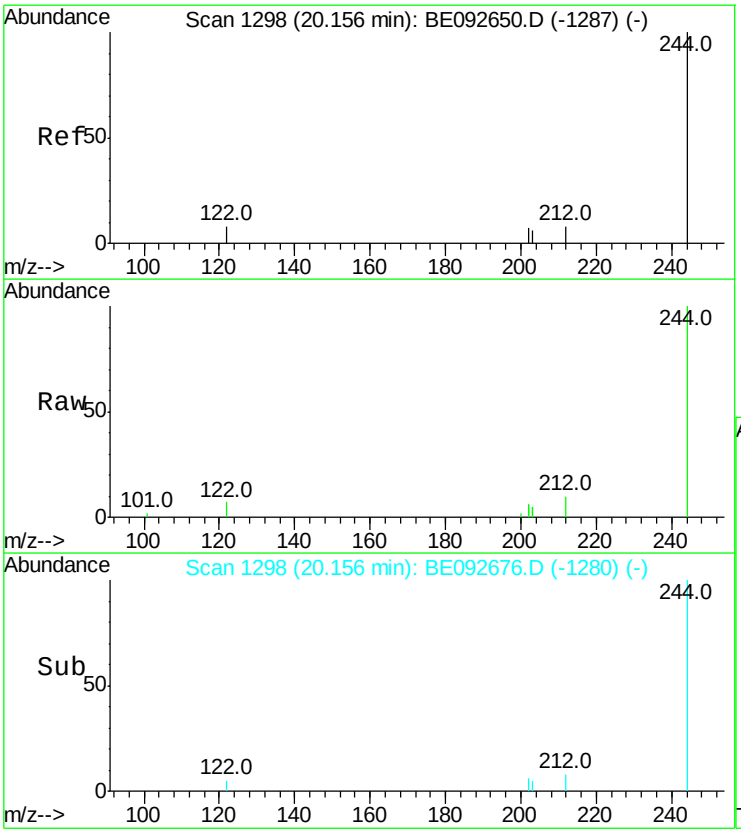
#25
Pyrene
Concen: 0.45 ng
RT: 19.95 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 32398

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	22.0	13.9	20.9#

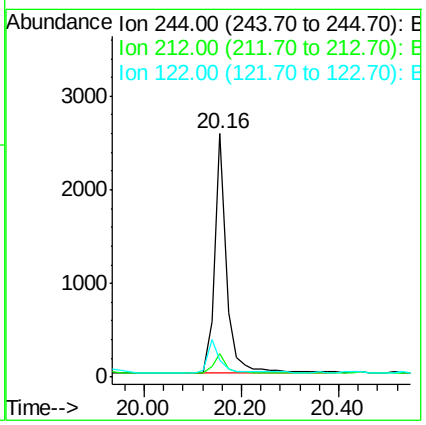


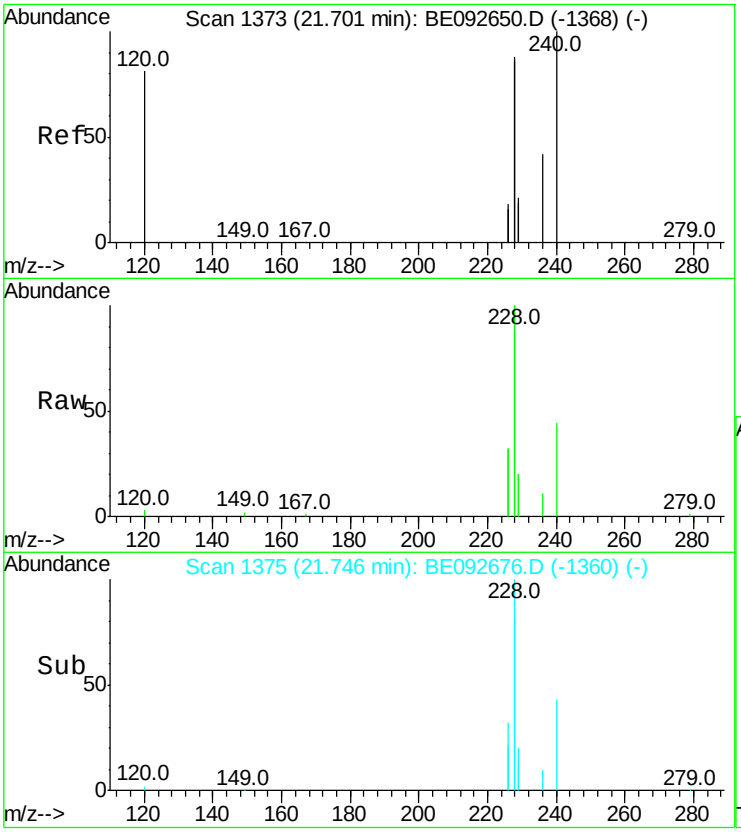


#26
Terphenyl-d14
Concen: 0.42 ng
RT: 20.16 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Tgt Ion:244 Resp: 4293

Ion	Ratio	Lower	Upper
244	100		
212	9.5	6.7	10.1
122	6.8	3.6	5.4#



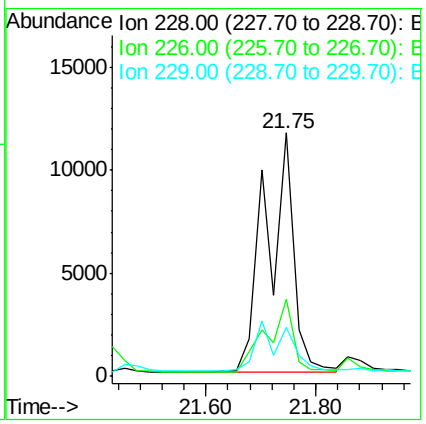


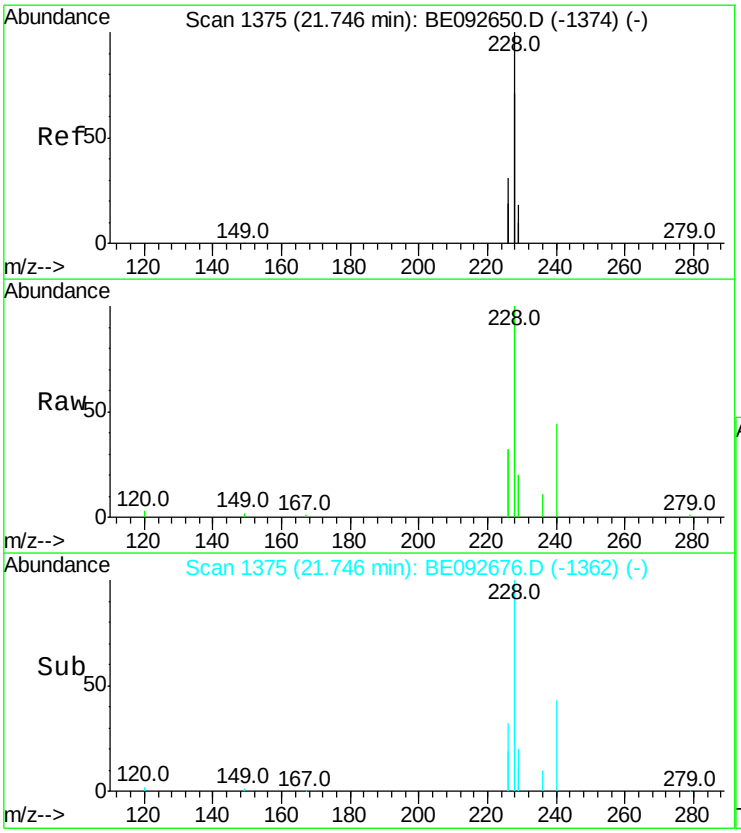
#27
Benzo(a)anthracene
Concen: 0.57 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.05 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 40372

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.6	35.4
229	20.0	13.3	19.9#

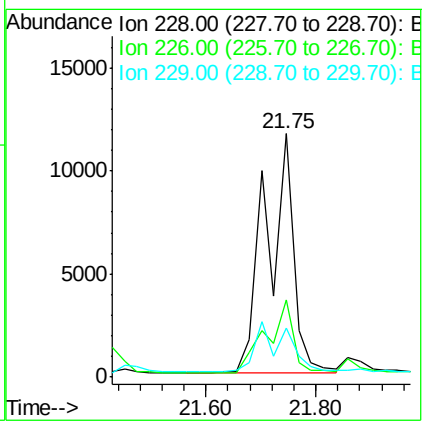


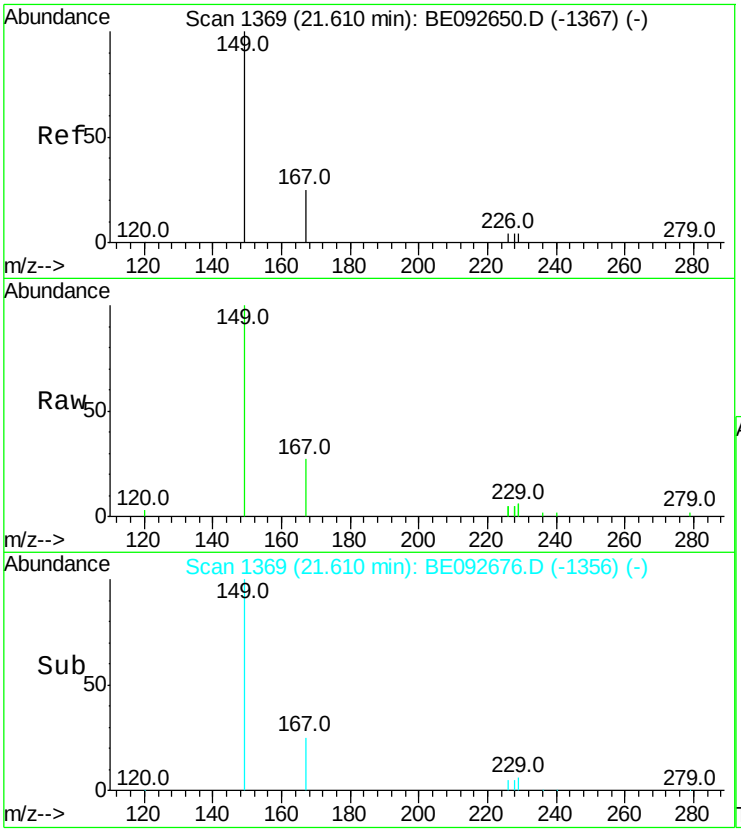


#28
Chrysene
Concen: 0.50 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Tgt Ion:228 Resp: 40372

Ion	Ratio	Lower	Upper
228	100		
226	31.6	36.3	54.5#
229	20.0	10.6	16.0#



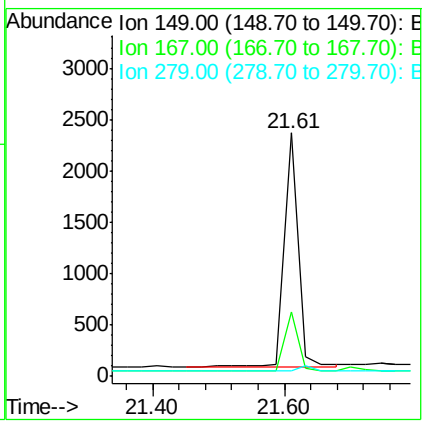


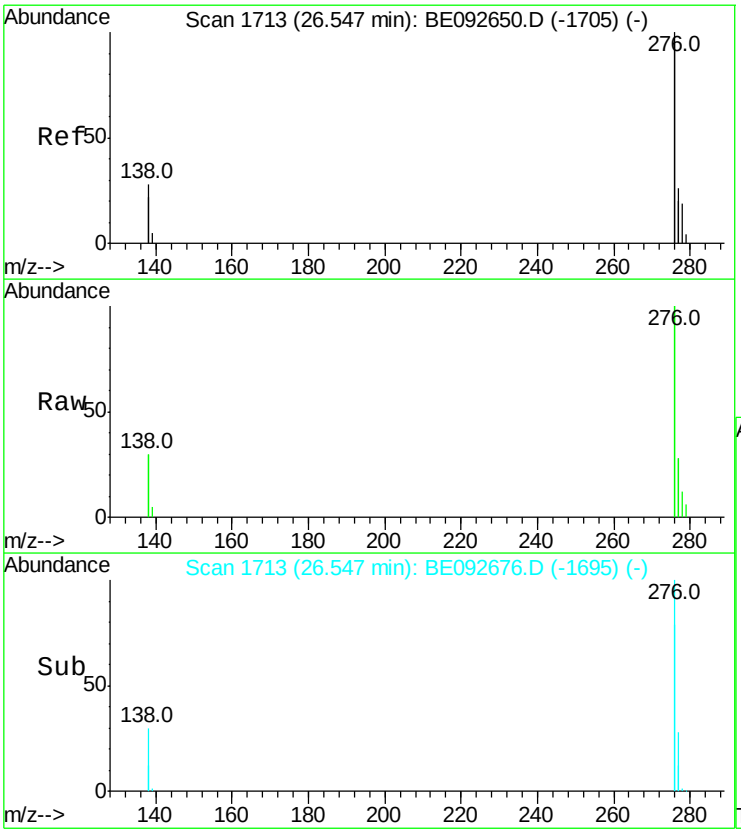
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.44 ng
RT: 21.61 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 3357

Ion	Ratio	Lower	Upper
149	100		
167	24.7	16.0	24.0#
279	0.0	16.0	24.0#

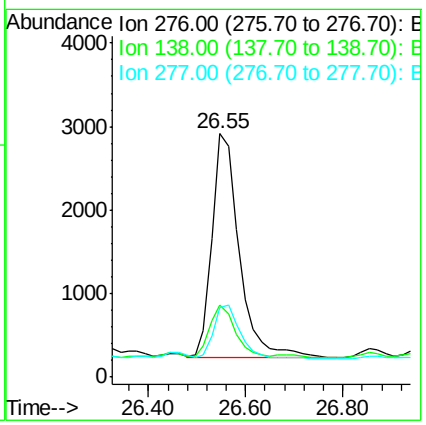


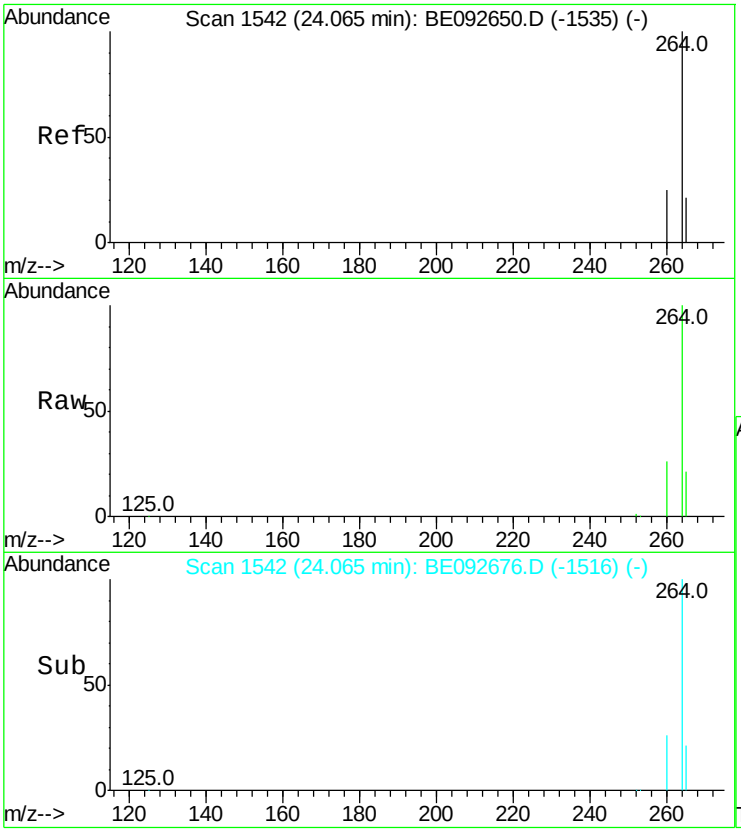


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.12 ng
RT: 26.55 min Scan# 1713
Delta R.T. 0.00 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Tgt Ion:276 Resp: 10336

Ion	Ratio	Lower	Upper
276	100		
138	21.4	20.3	30.5
277	23.2	19.7	29.5



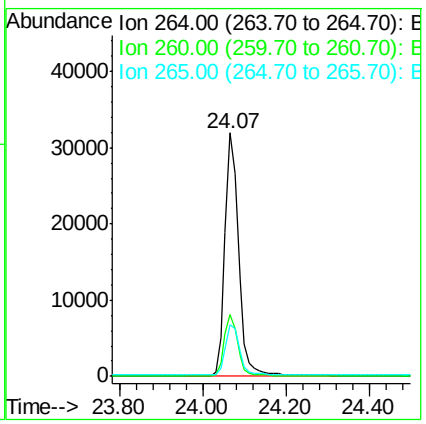


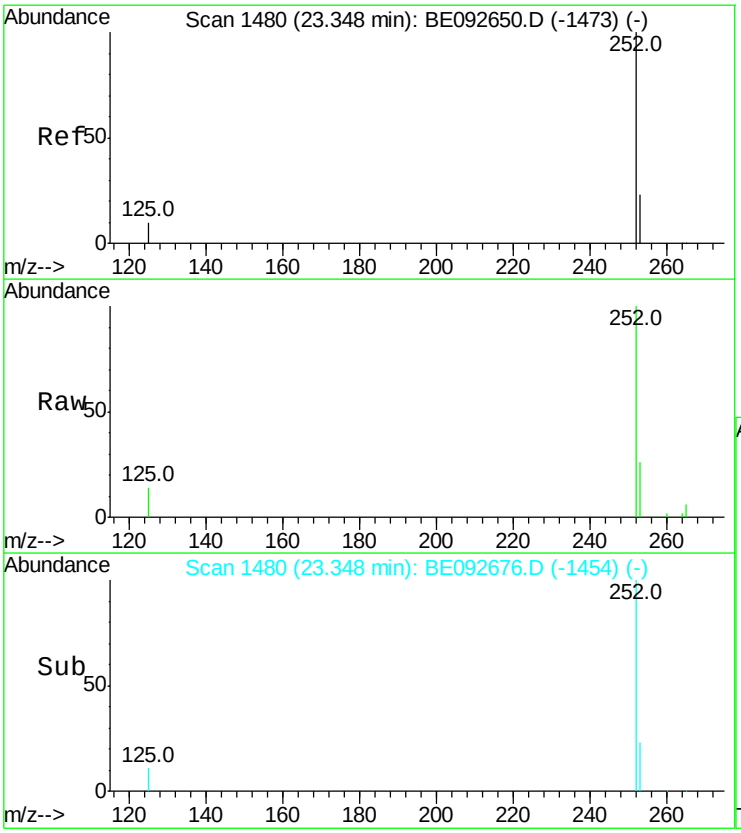
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.07 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 73654

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.1	30.1
265	21.5	17.9	26.9

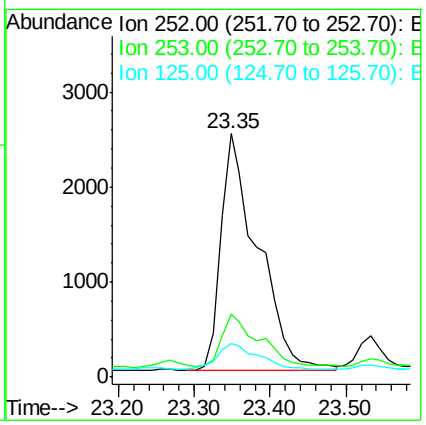


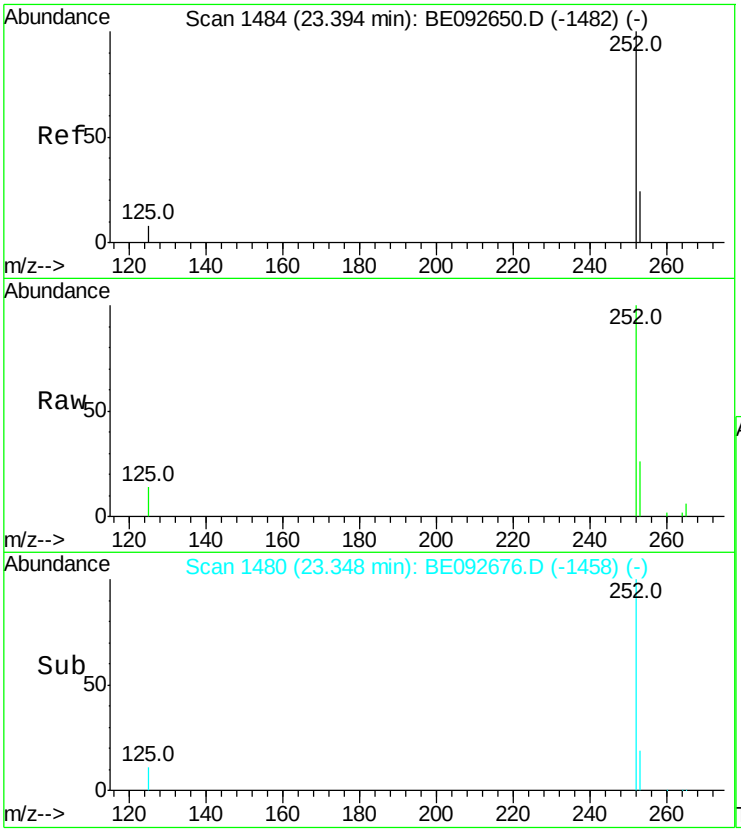


#32
Benzo(b)fluoranthene
Concen: 0.47 ng
RT: 23.35 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Tgt Ion:252 Resp: 8398

Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.7	28.1
125	14.0	10.5	15.7



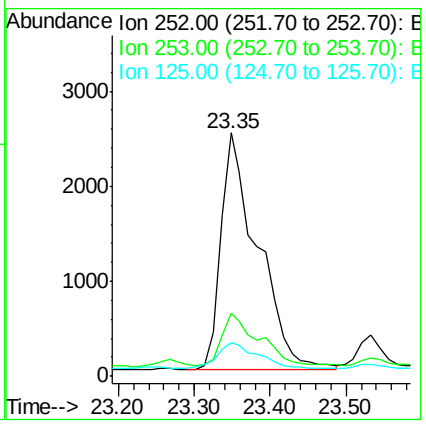


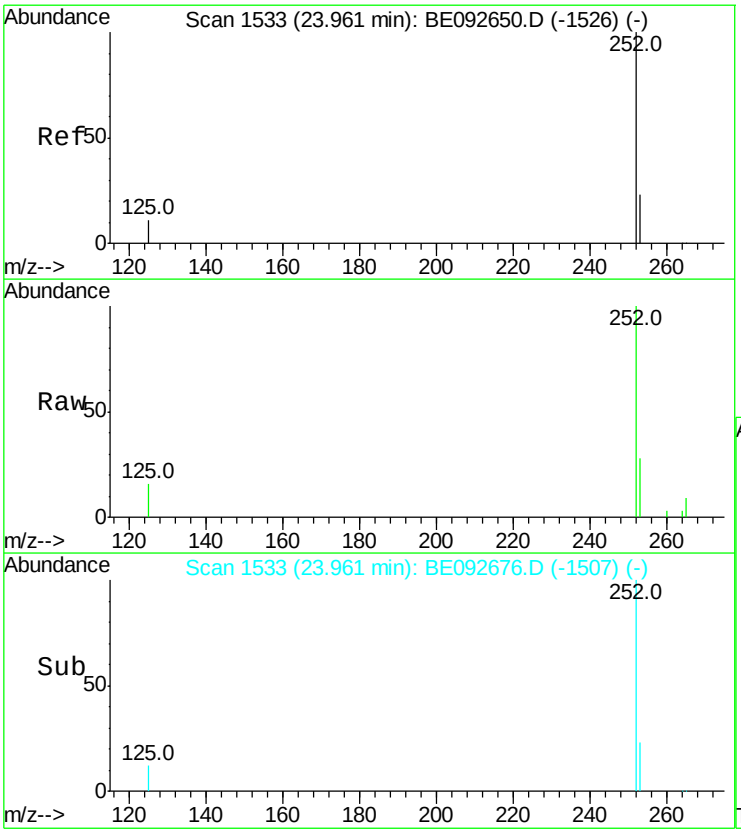
#33
Benzo(k)fluoranthene
Concen: 0.47 ng
RT: 23.35 min Scan# 1480
Delta R.T. -0.05 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8398

Ion	Ratio	Lower	Upper
252	100		
253	26.1	20.3	30.5
125	14.0	9.6	14.4

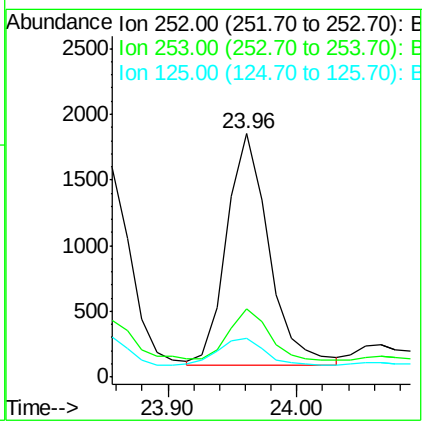


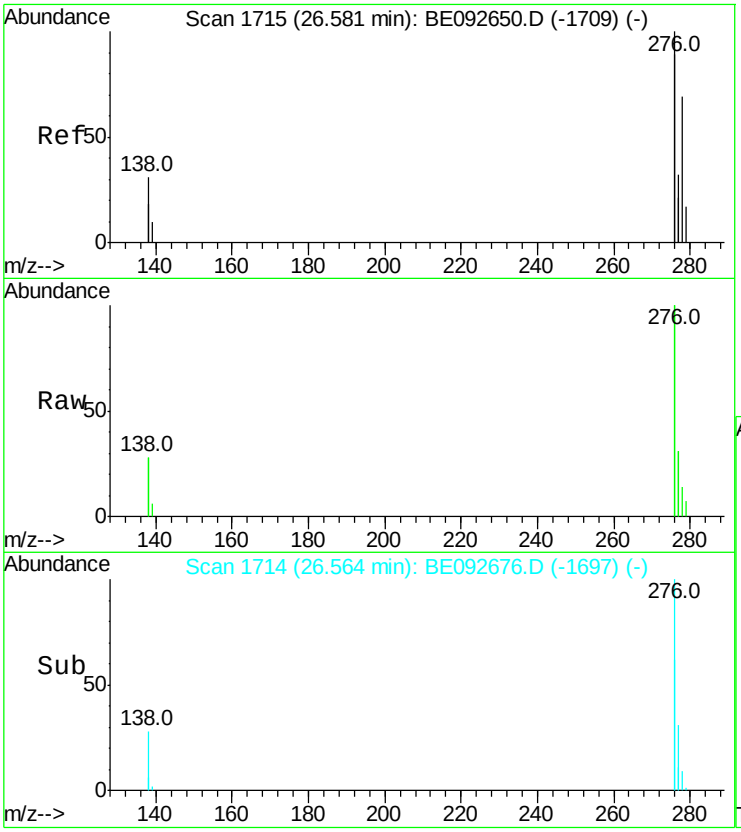


#34
Benzo(a)pyrene
Concen: 0.24 ng
RT: 23.96 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Tgt Ion:252 Resp: 4042

Ion	Ratio	Lower	Upper
252	100		
253	28.2	19.0	28.6
125	15.7	11.8	17.8



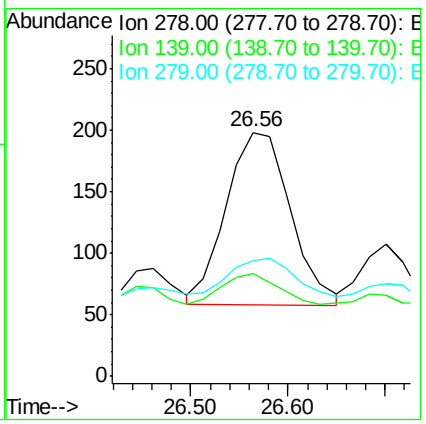


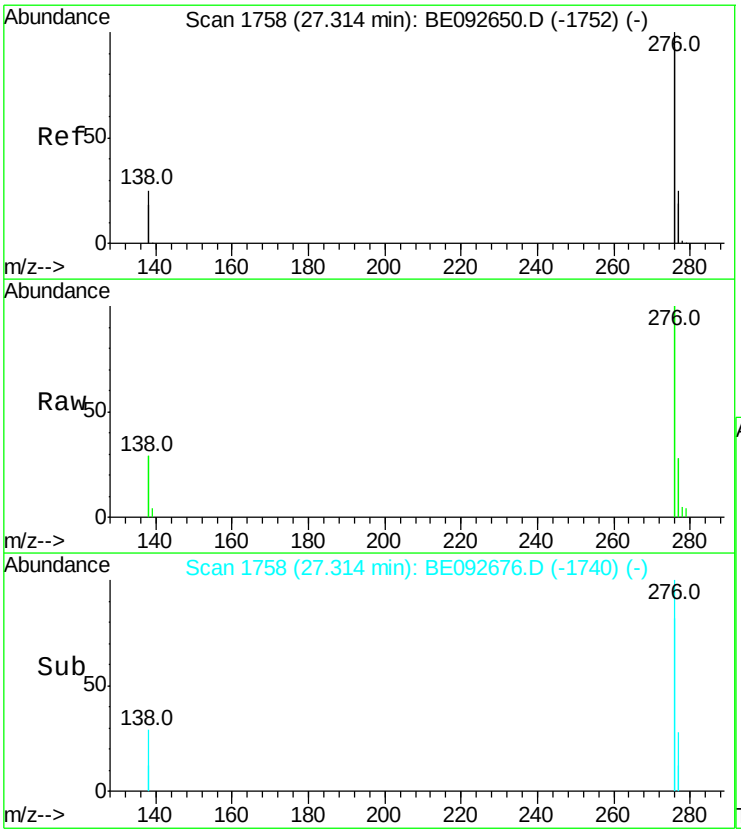
#35
Dibenzo(a,h)anthracene
Concen: 0.04 ng
RT: 26.56 min Scan# 1714
Delta R.T. -0.02 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 638

Ion	Ratio	Lower	Upper
278	100		
139	42.4	13.8	20.8#
279	47.5	21.4	32.2#





#36
Benzo(g,h,i)perylene
Concen: 0.16 ng
RT: 27.31 min Scan# 1758
Delta R.T. 0.00 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Tgt Ion:276 Resp: 10802

Ion	Ratio	Lower	Upper
276	100		
277	28.5	19.8	29.8
138	29.1	19.8	29.6