Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011917\
Data File : BE092659.D
Acq On : 19 Jan 2017 16:14
Operator : UM/SJ
Sample : I1305-30
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 0048

Quant Time: Jan 20 01:28:49 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	9076	5.00	ng		0.00
7) Naphthalene-d8	10.91	136	39478	5.00	ng		0.00
12) Acenaphthene-d10	14.78	164	22746	5.00	ng		0.00
18) Phenanthrene-d10	17.53	188	49603	5.00	ng		0.00
24) Chrysene-d12	21.72	240	60204	5.00	ng		0.00
31) Perylene-d12	24.06	264	63602	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.63	112	21574	10.65	ng		-0.02
5) Phenol-d6	7.29	99	27455	11.05	ng		-0.04
8) Nitrobenzene-d5	9.32	82	12307	4.80	ng		-0.02
13) 2,4,6-Tribromophenol	16.29	330	6415	9.53	ng		-0.01
14) 2-Fluorobiphenyl	13.41	172	26991	4.83	ng		-0.01
26) Terphenyl-d14	20.16	244	38193	4.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	2	Below Cal		#	19
6) bis(2-Chloroethyl)ether	7.64	93	70	0.03	ng	#	1
9) Naphthalene	10.95	128	53342	6.47	ng	#	95
11) 2-Methylnaphthalene	12.62	142	192	0.04	ng	#	80
15) Acenaphthylene	14.49	152	576833	18.40	ng		99
16) Acenaphthene	14.85	154	34922	6.95	ng		94
17) Fluorene	15.83	166	11610	1.84	ng		99
19) Hexachlorobenzene	16.86	284	827	0.43	ng	#	39
20) Pentachlorophenol	17.26	266	11	0.02	ng	#	73
21) Phenanthrene	17.58	178	28334	2.59	ng		95
22) Anthracene	17.67	178	44738	4.43	ng		99
23) Fluoranthene	19.58	202	33637	0.69	ng		100
25) Pyrene	19.93	202	68450	1.15	ng		100
27) Benzo(a)anthracene	21.75	228	429448	7.24	ng		98
28) Chrysene	21.75	228	430927	6.46	ng	#	78
29) Bis(2-ethylhexyl)phthalate	21.61	149	227	0.22	ng	#	66
30) Indeno(1,2,3-cd)pyrene	26.53	276	263666	3.66	ng		97
32) Benzo(b)fluoranthene	23.34	252	59980	3.90	ng		96
33) Benzo(k)fluoranthene	23.38	252	23425	1.52	ng		94
34) Benzo(a)pyrene	23.96	252	11961	0.83	ng		97
35) Dibenzo(a,h)anthracene	26.57	278	13916	0.98	ng		97
36) Benzo(g,h,i)perylene	27.30	276	104736	1.75	ng		98

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

Quantitation Report (Not Reviewed)

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ALS Vial : 3 Sample Multiplier: 1

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0048

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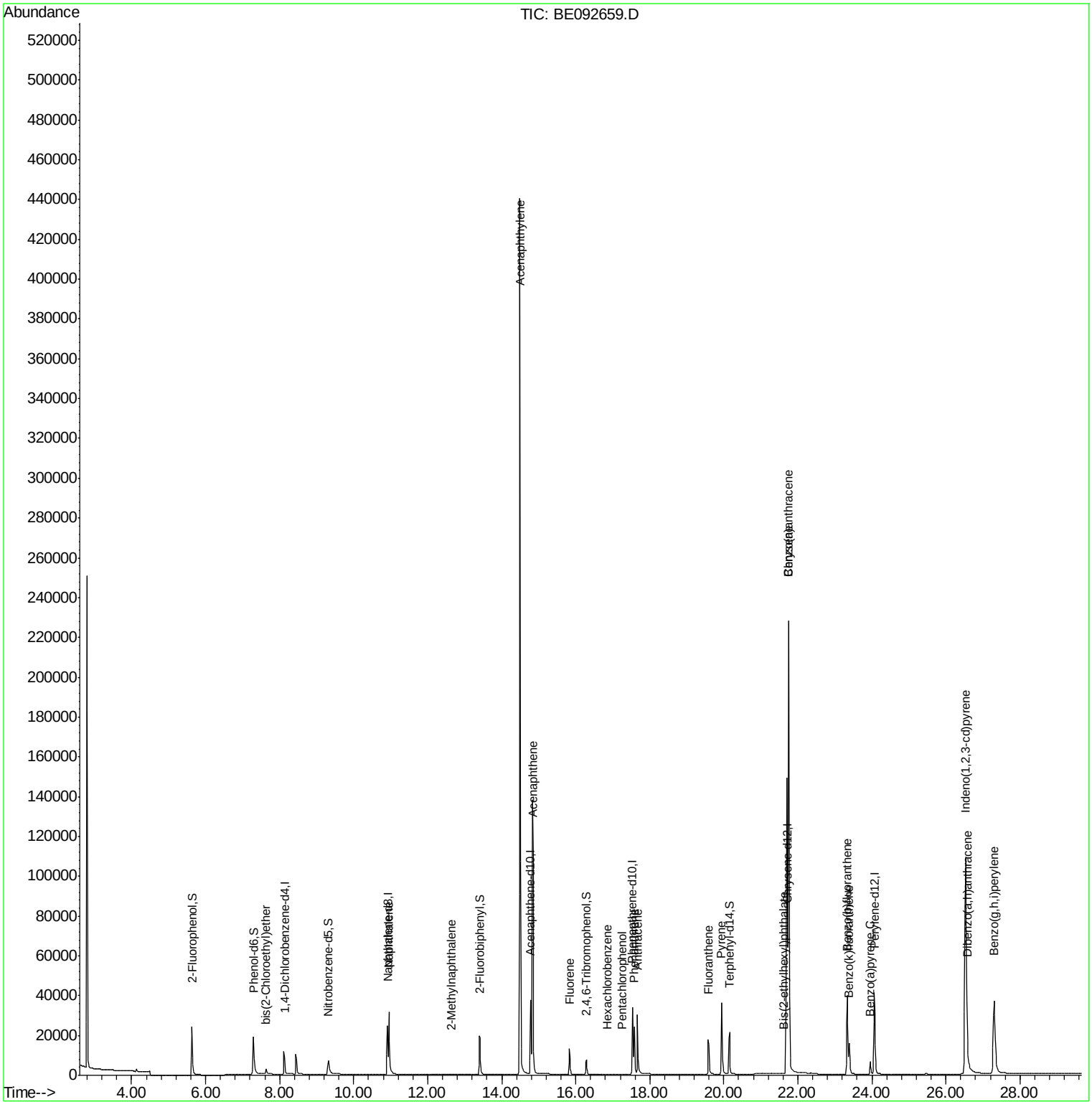
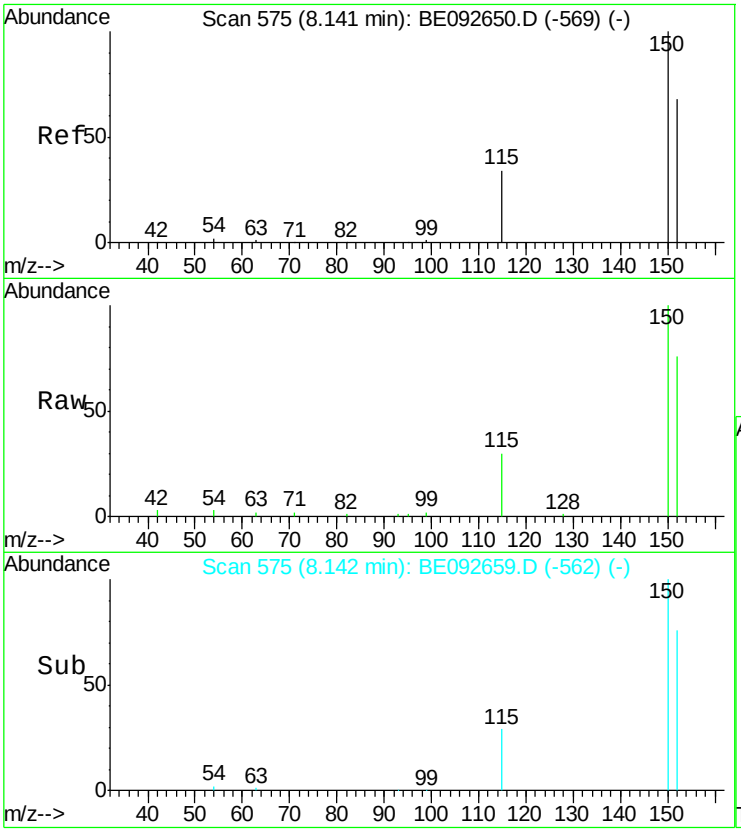


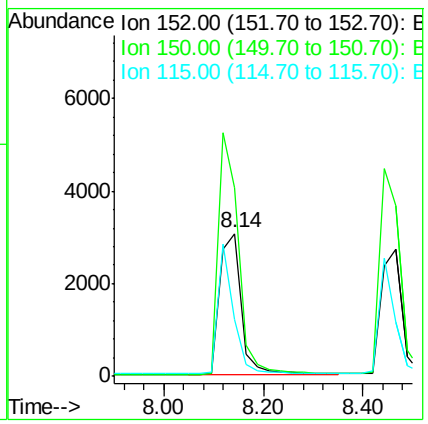


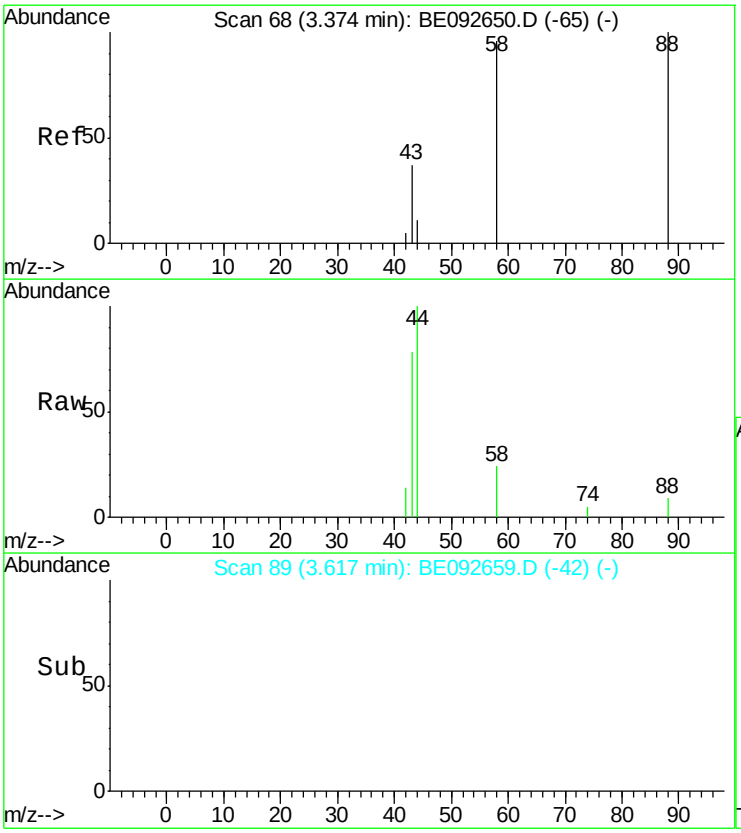
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. 0.00 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Instrument :
BNA_E
ClientSampleId :
0048

Tgt Ion:152 Resp: 9076

Ion	Ratio	Lower	Upper
152	100		
150	131.4	106.0	159.0
115	39.5	31.2	46.8

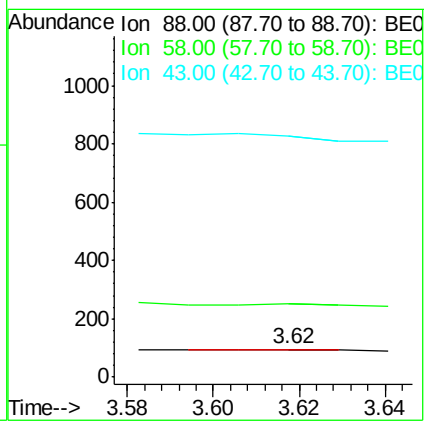


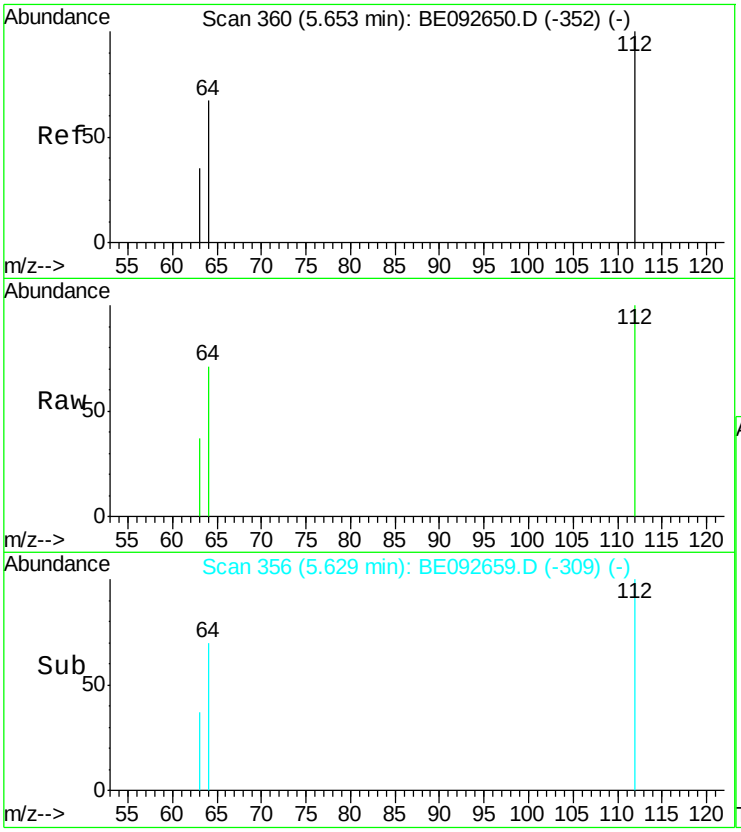


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.62 min Scan# 89
Delta R.T. 0.24 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Tgt Ion: 88 Resp: 2

Ion	Ratio	Lower	Upper
88	100		
58	0.0	63.6	95.4#
43	0.0	28.0	42.0#



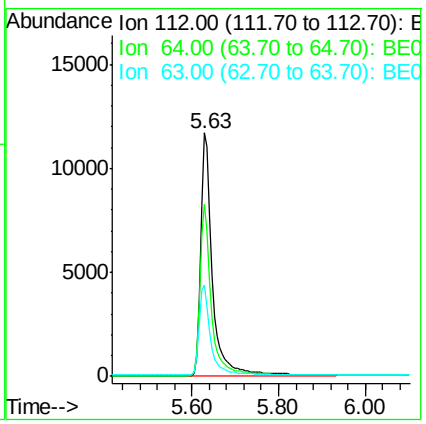


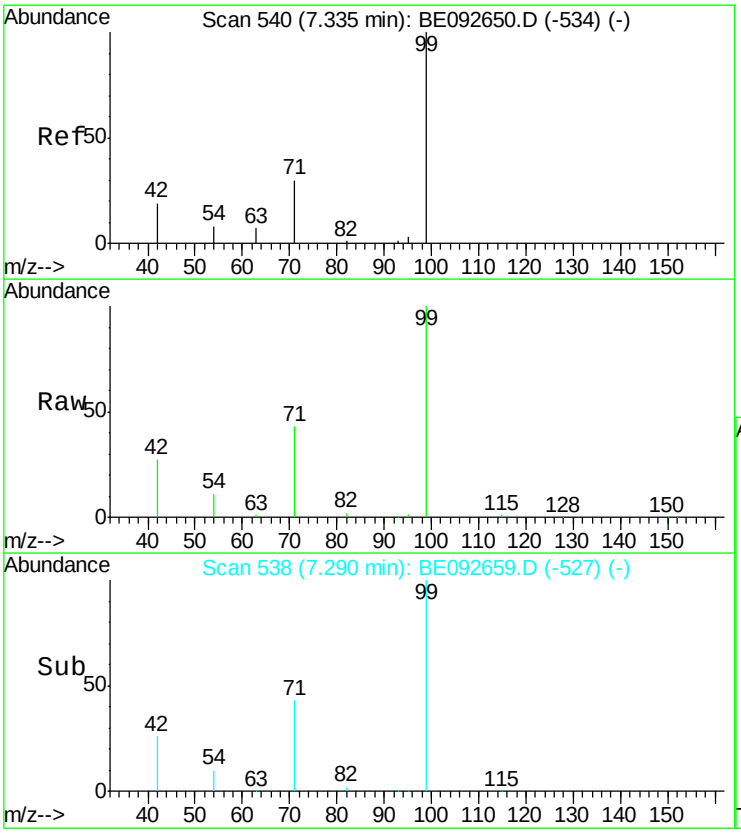
#4
2-Fluorophenol
Concen: 10.65 ng
RT: 5.63 min Scan# 356
Delta R.T. -0.02 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Instrument :
BNA_E
ClientSampleId :
0048

Tgt Ion:112 Resp: 21574

Ion	Ratio	Lower	Upper
112	100		
64	69.3	53.5	80.3
63	37.1	27.9	41.9

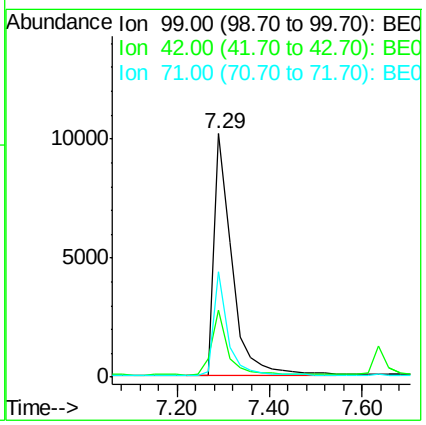


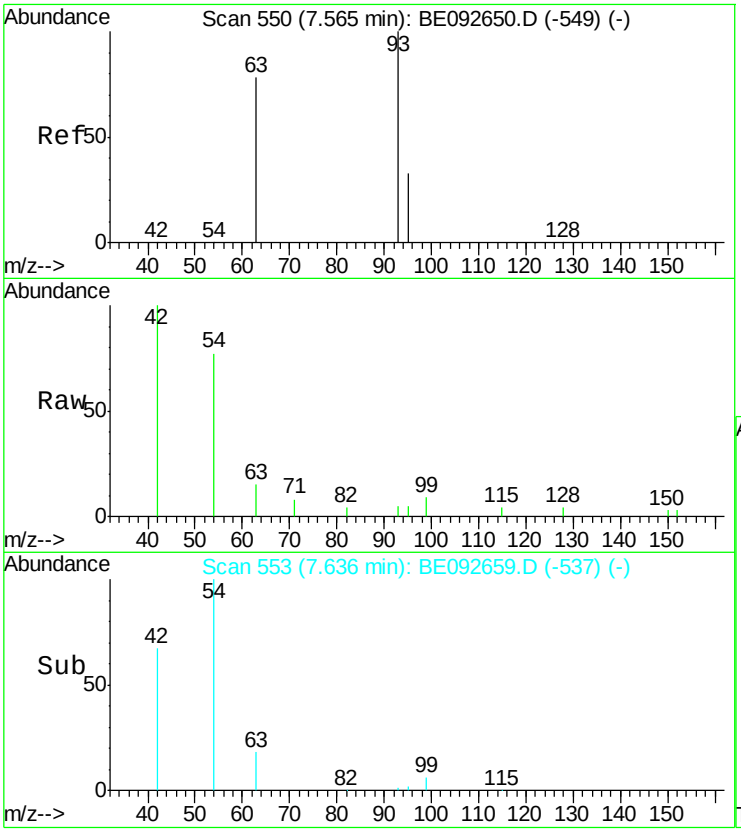


#5
Phenol-d6
Concen: 11.05 ng
RT: 7.29 min Scan# 538
Delta R.T. -0.04 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Tgt Ion: 99 Resp: 27455

Ion	Ratio	Lower	Upper
99	100		
42	24.4	16.0	24.0#
71	35.3	30.6	45.8



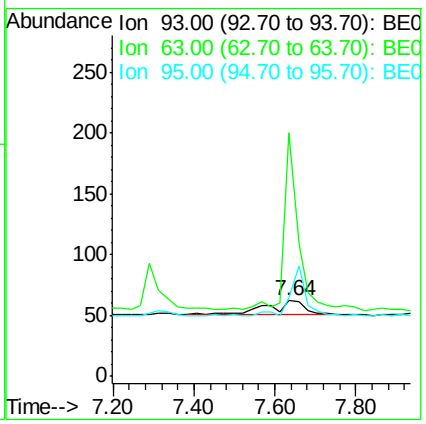


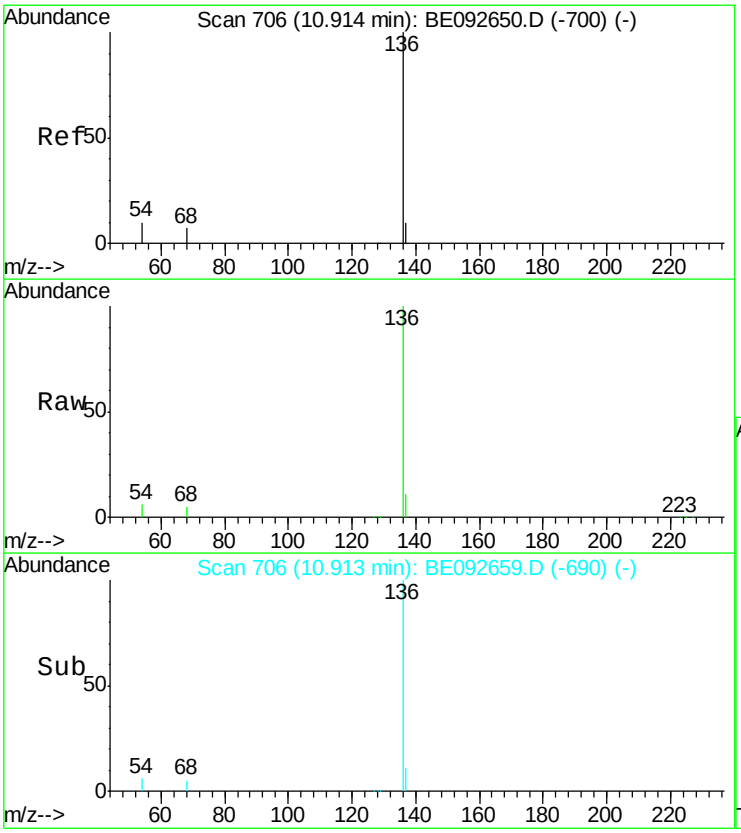
#6
bis(2-Chloroethyl)ether
Concen: 0.03 ng
RT: 7.64 min Scan# 553
Delta R.T. 0.07 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Instrument :
BNA_E
ClientSampleId :
0048

Tgt Ion: 93 Resp: 70

Ion	Ratio	Lower	Upper
93	100		
63	474.3	71.6	107.4#
95	0.0	24.0	36.0#

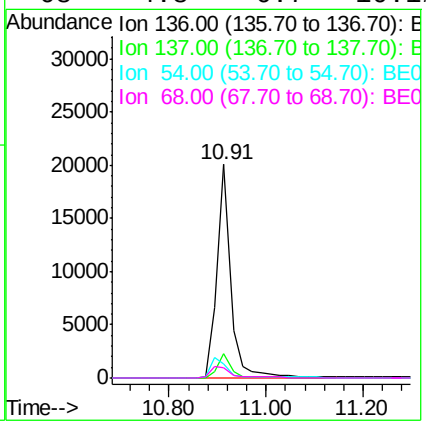


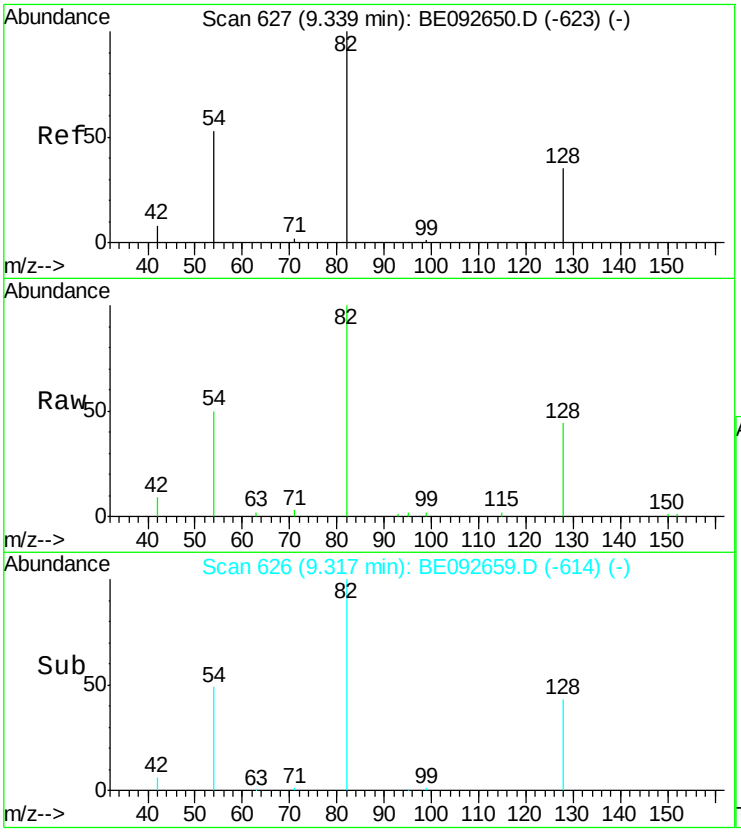


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.91 min Scan# 706
Delta R.T. -0.00 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Tgt Ion:136 Resp: 39478

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.2	12.4
54	6.4	9.6	14.4#
68	4.8	6.7	10.1#



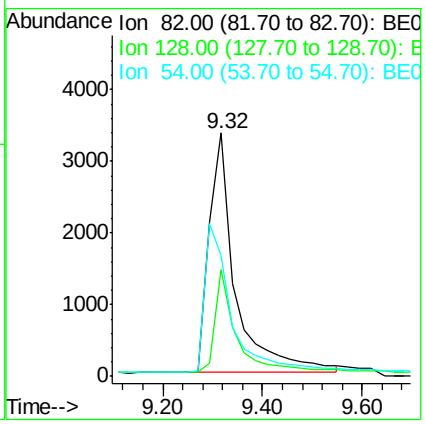


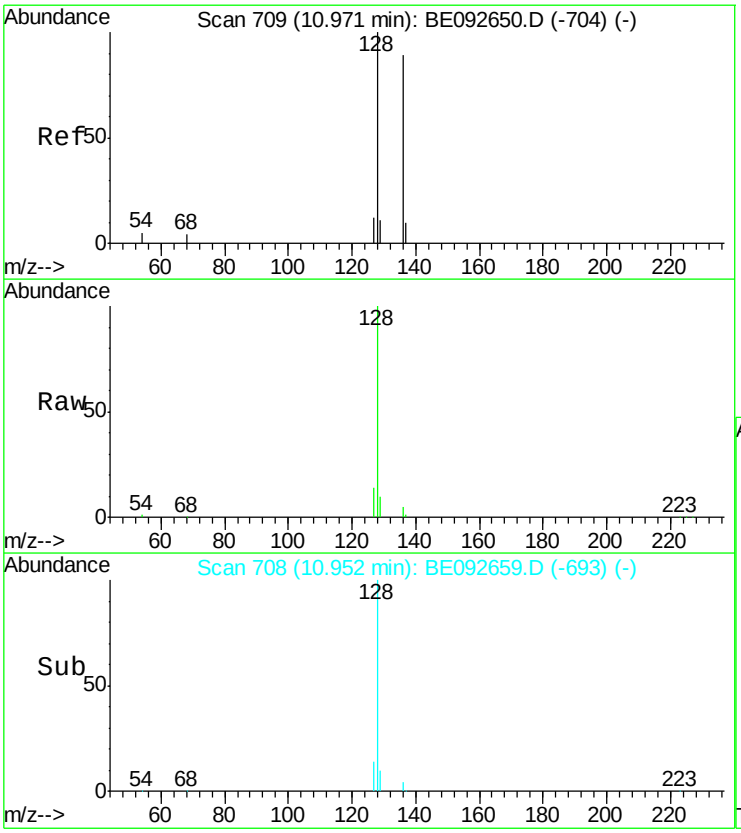
#8
Nitrobenzene-d5
Concen: 4.80 ng
RT: 9.32 min Scan# 626
Delta R.T. -0.02 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Instrument :
BNA_E
ClientSampleId :
0048

Tgt Ion: 82 Resp: 12307

Ion	Ratio	Lower	Upper
82	100		
128	44.0	39.0	58.4
54	49.7	44.8	67.2

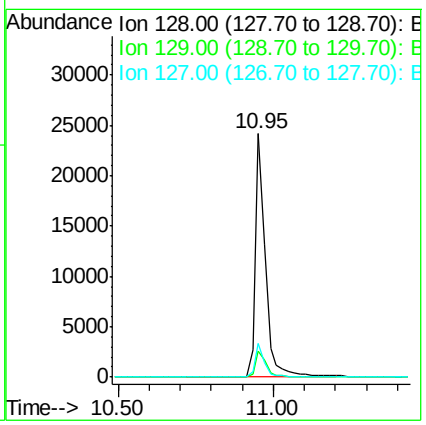


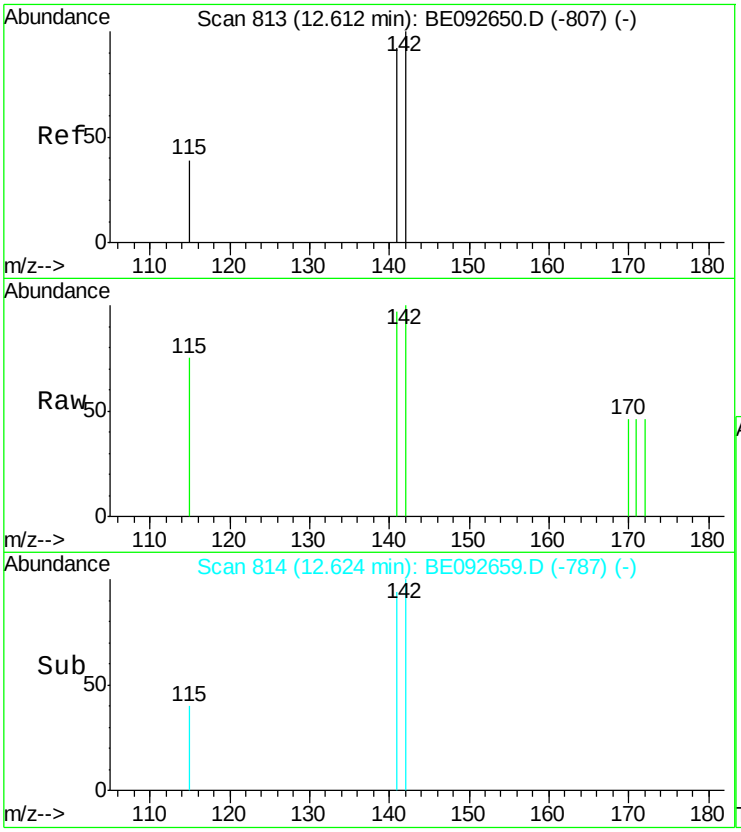


#9
Naphthalene
Concen: 6.47 ng
RT: 10.95 min Scan# 708
Delta R.T. -0.02 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Tgt Ion:128 Resp: 53342

Ion	Ratio	Lower	Upper
128	100		
129	10.4	11.2	16.8#
127	13.7	11.6	17.4



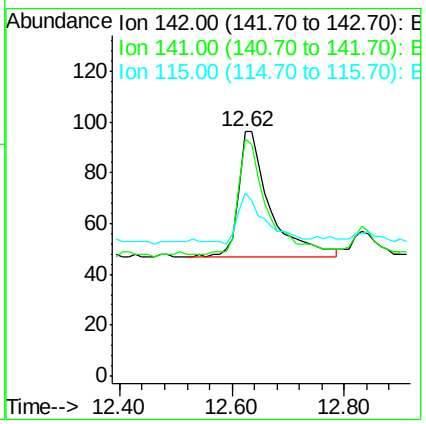


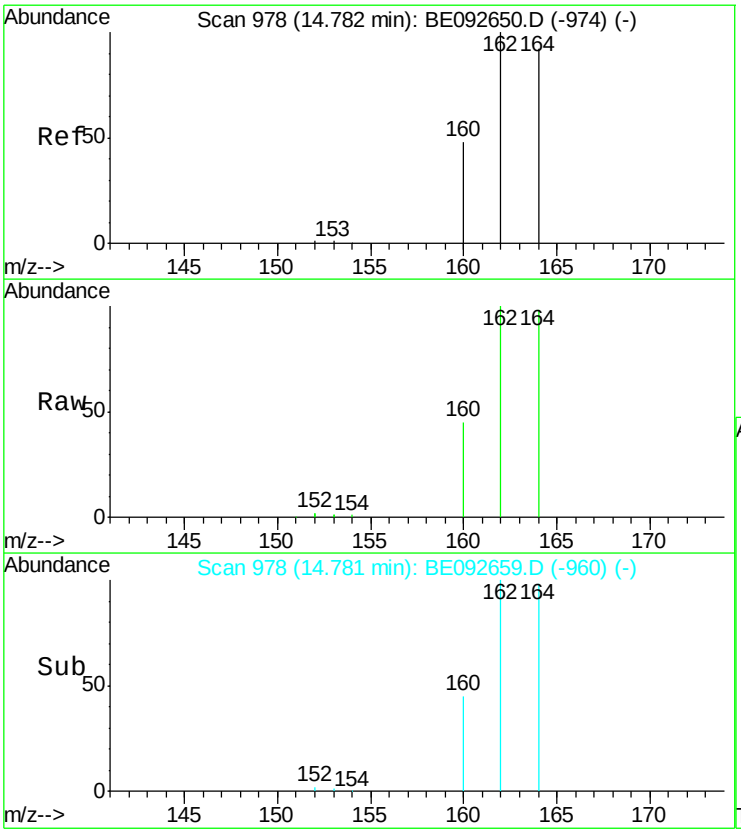
#11
2-Methylnaphthalene
Concen: 0.04 ng
RT: 12.62 min Scan# 814
Delta R.T. 0.01 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Instrument :
BNA_E
ClientSampleId :
0048

Tgt Ion:142 Resp: 192

Ion	Ratio	Lower	Upper
142	100		
141	96.9	73.7	110.5
115	75.0	34.0	51.0#

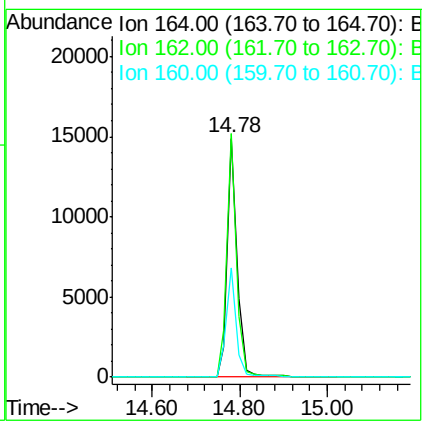


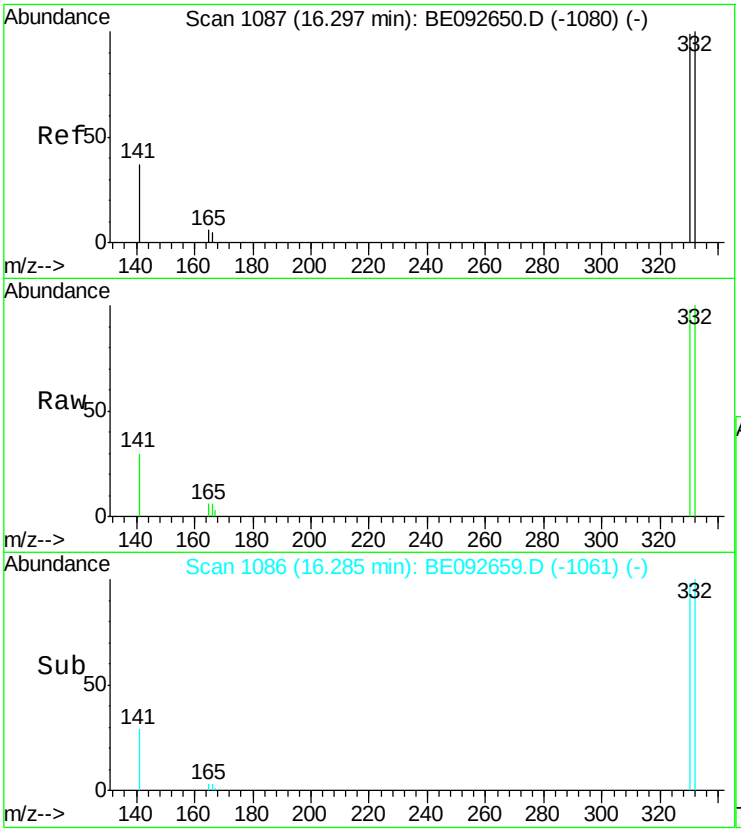


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.78 min Scan# 978
Delta R.T. -0.00 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Tgt Ion:164 Resp: 22746

Ion	Ratio	Lower	Upper
164	100		
162	102.0	71.4	107.0
160	45.9	27.4	41.2#



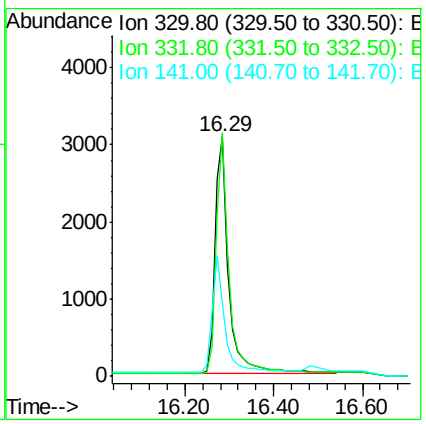


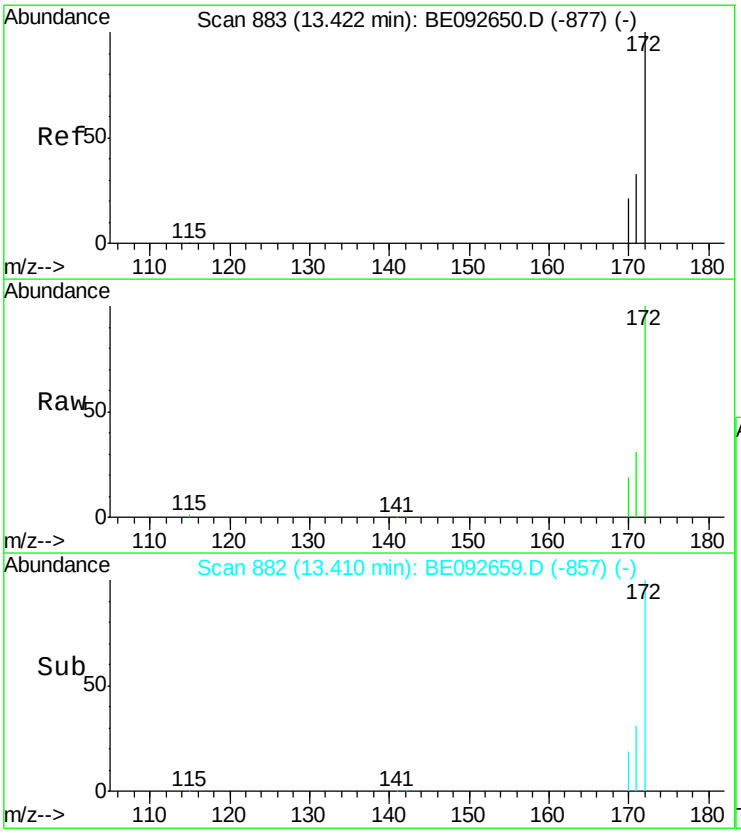
#13
2,4,6-Tribromophenol
Concen: 9.53 ng
RT: 16.29 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Instrument :
BNA_E
ClientSampleId :
0048

Tgt Ion:330 Resp: 6415

Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.4	113.0
141	46.0	31.0	46.6

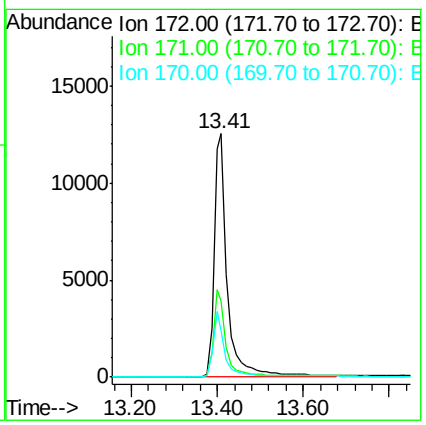


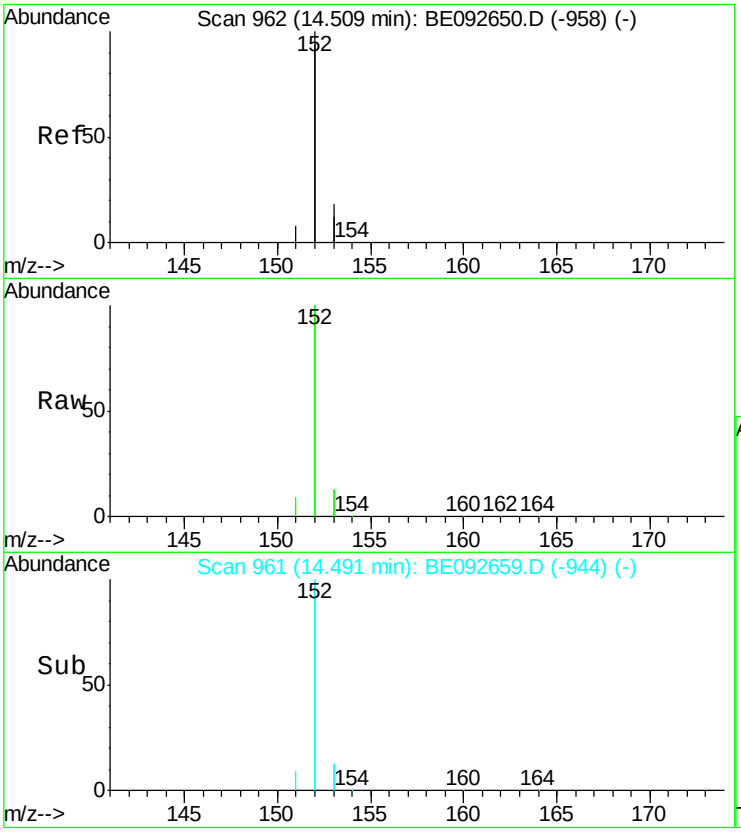


#14
2-Fluorobiphenyl
Concen: 4.83 ng
RT: 13.41 min Scan# 882
Delta R.T. -0.01 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Tgt Ion:172 Resp: 26991

Ion	Ratio	Lower	Upper
172	100		
171	31.0	30.1	45.1
170	19.3	21.8	32.6#



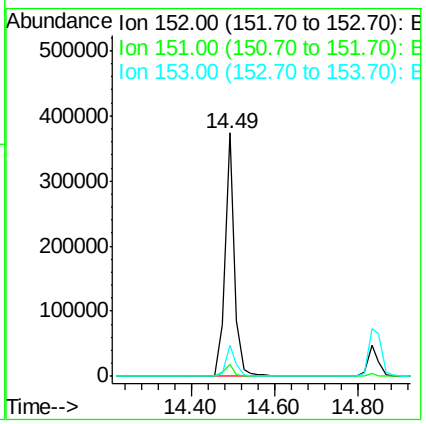


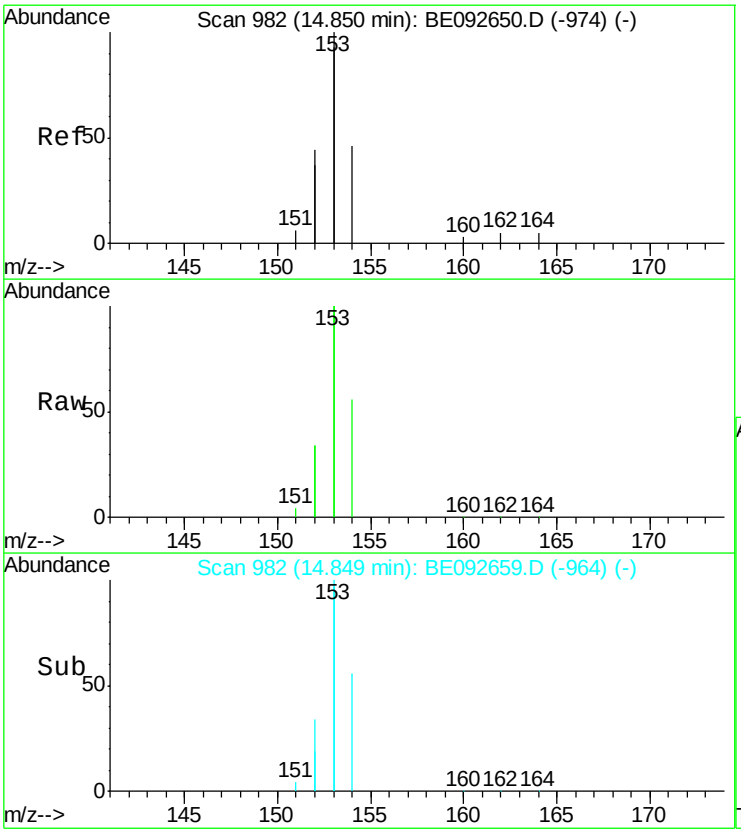
#15
Acenaphthylene
Concen: 18.40 ng
RT: 14.49 min Scan# 961
Delta R.T. -0.02 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Instrument :
BNA_E
ClientSampleId :
0048

Tgt Ion:152 Resp: 576833

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.4	10.4	15.6

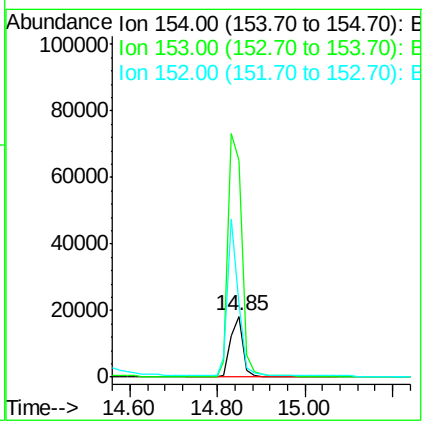


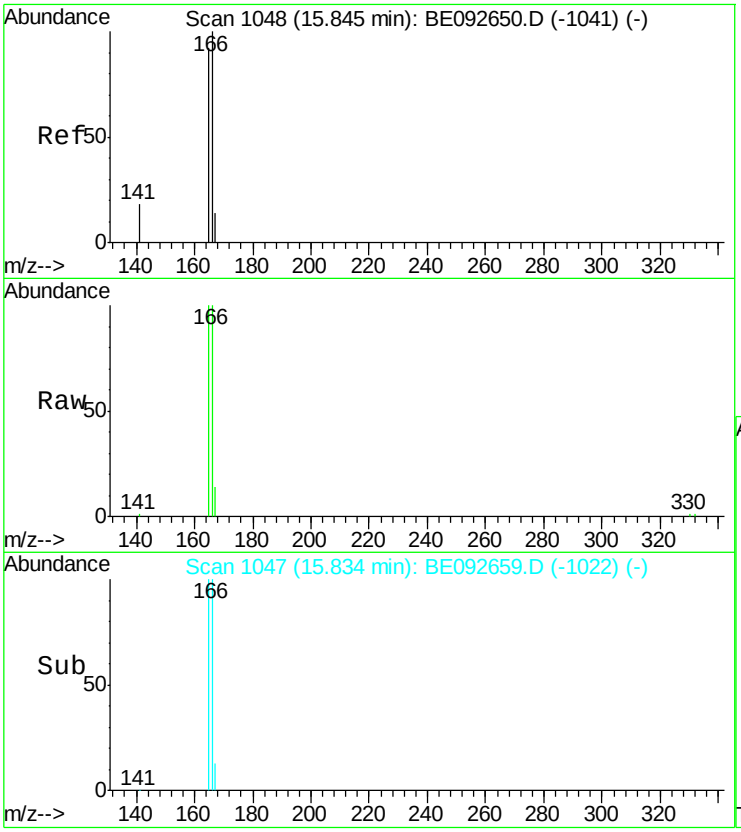


#16
Acenaphthene
Concen: 6.95 ng
RT: 14.85 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Tgt Ion:154 Resp: 34922

Ion	Ratio	Lower	Upper
154	100		
153	445.7	350.8	526.2
152	231.9	171.1	256.7



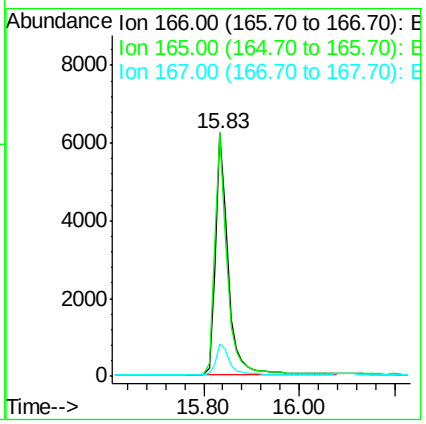


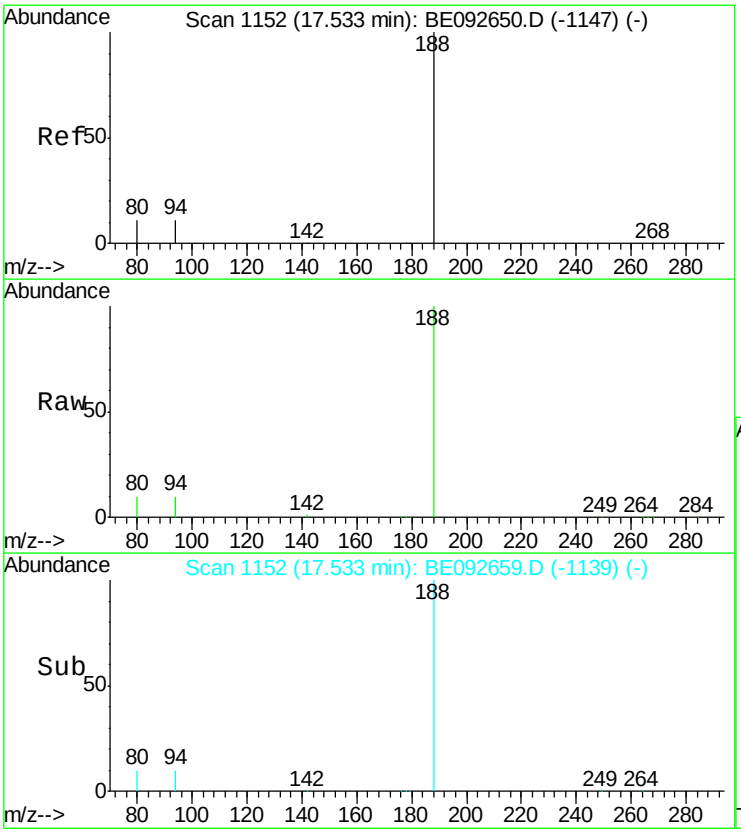
#17
Fluorene
Concen: 1.84 ng
RT: 15.83 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Instrument :
BNA_E
ClientSampleId :
0048

Tgt Ion:166 Resp: 11610

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.2	117.4
167	13.3	11.0	16.4

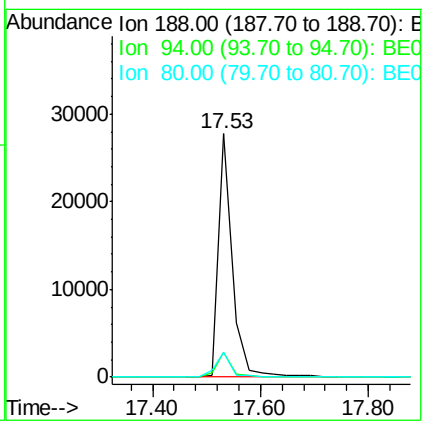


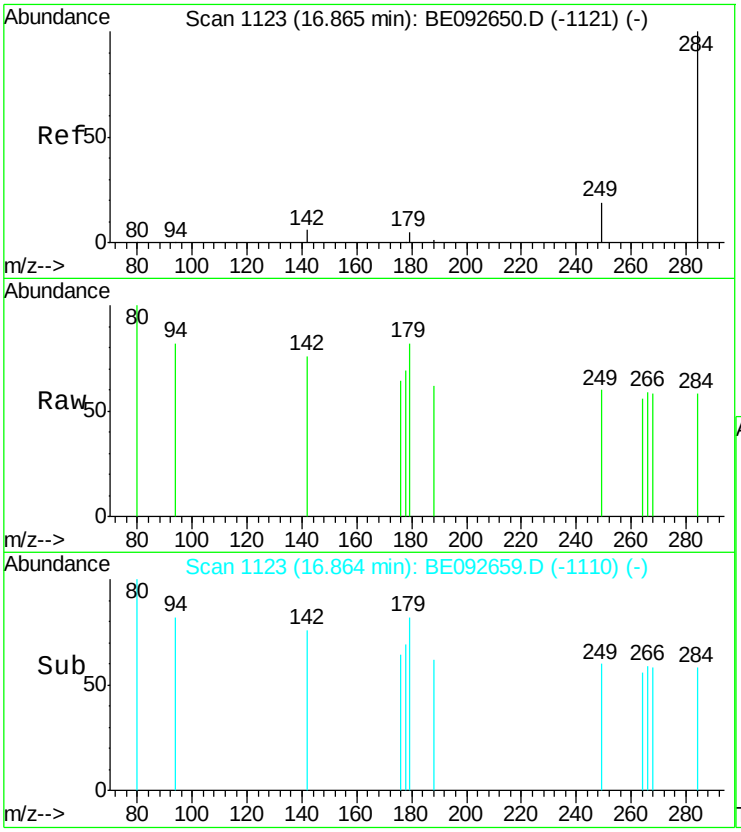


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Tgt Ion:188 Resp: 49603

Ion	Ratio	Lower	Upper
188	100		
94	10.2	3.2	4.8#
80	10.2	2.6	3.8#



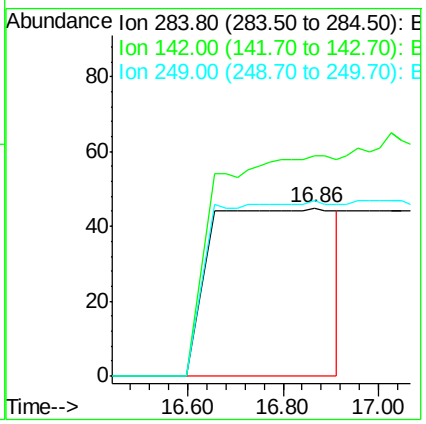


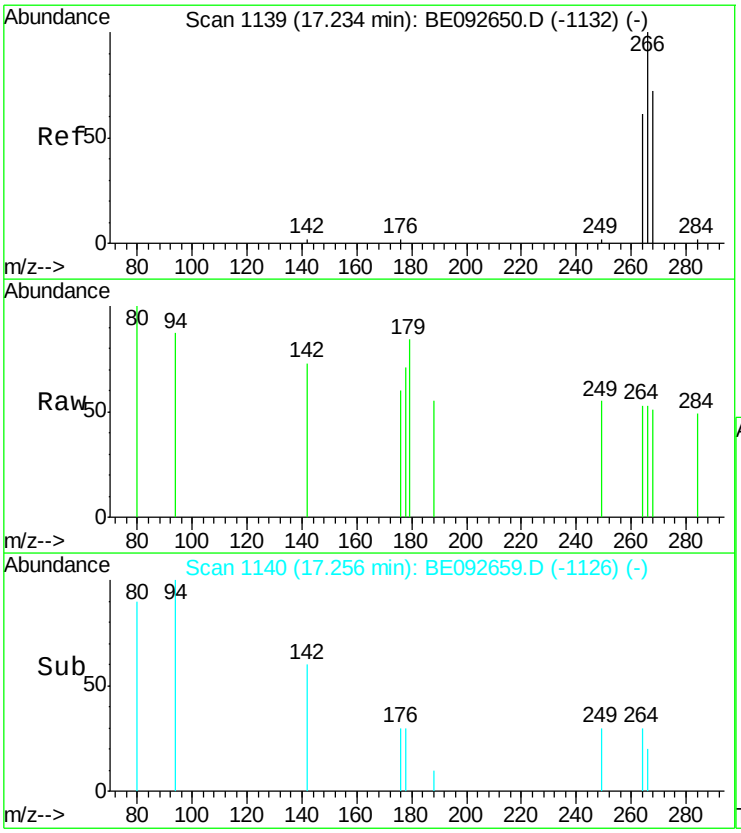
#19
Hexachlorobenzene
Concen: 0.43 ng
RT: 16.86 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Instrument :
BNA_E
ClientSampleId :
0048

Tgt Ion:284 Resp: 827

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

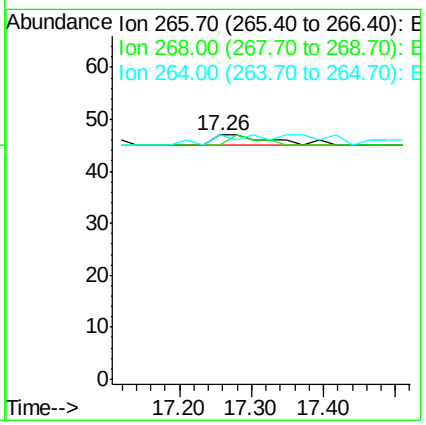


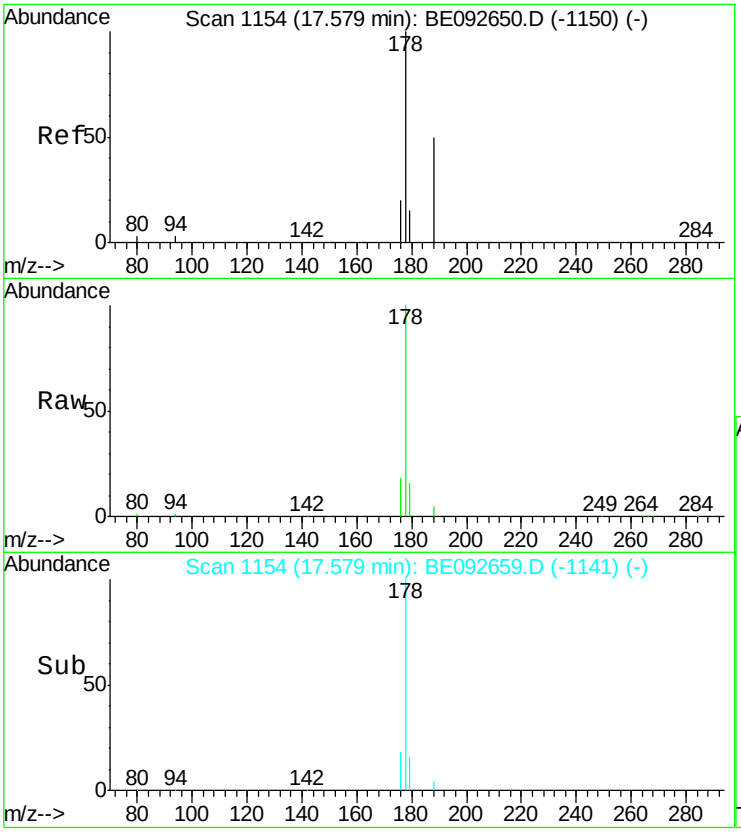


#20
Pentachlorophenol
Concen: 0.02 ng
RT: 17.26 min Scan# 1140
Delta R.T. 0.02 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Tgt Ion:266 Resp: 11

Ion	Ratio	Lower	Upper
266	100		
268	95.7	62.5	93.7#
264	100.0	57.2	85.8#



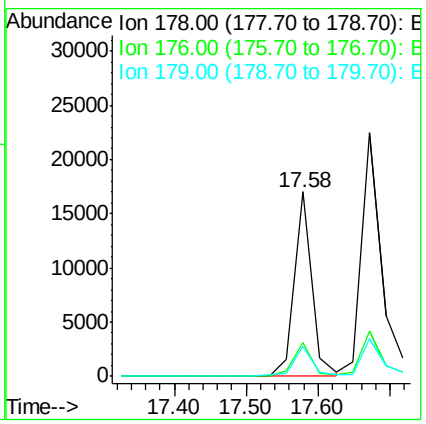


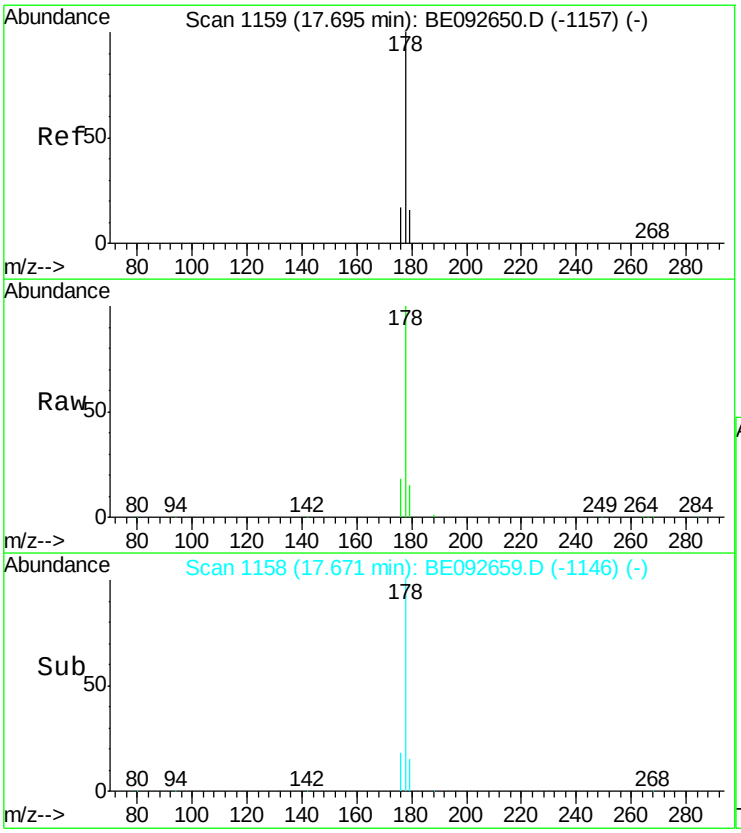
#21
Phenanthrene
Concen: 2.59 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Instrument :
BNA_E
ClientSampleId :
0048

Tgt Ion:178 Resp: 28334

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	16.0	16.0	24.0

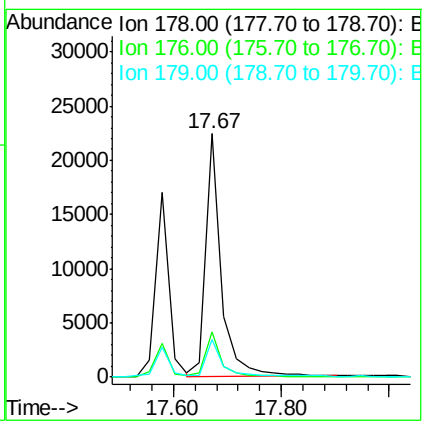


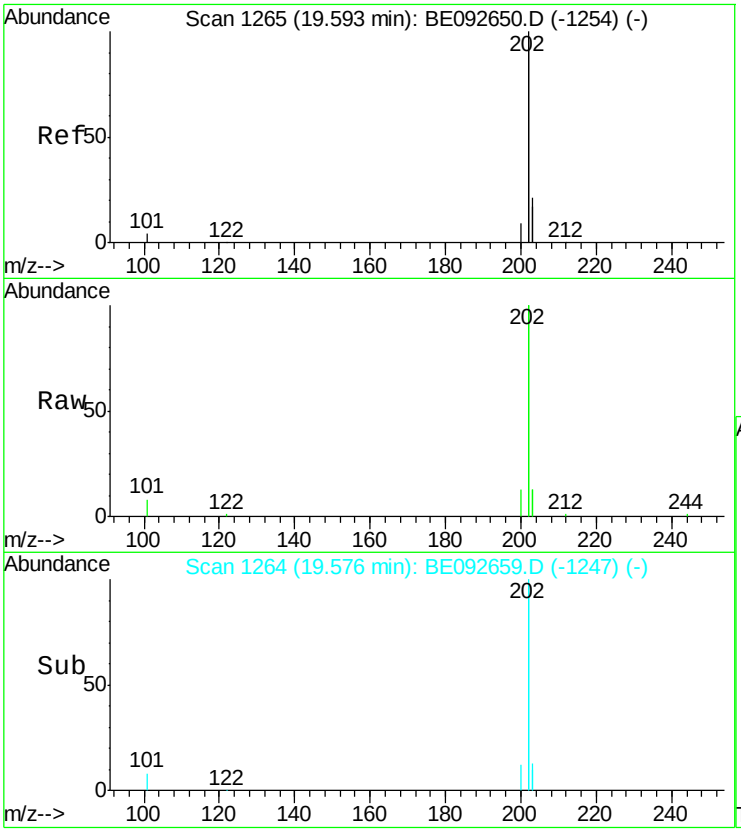


#22
Anthracene
Concen: 4.43 ng
RT: 17.67 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Tgt Ion:178 Resp: 44738

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	15.9	12.2	18.2



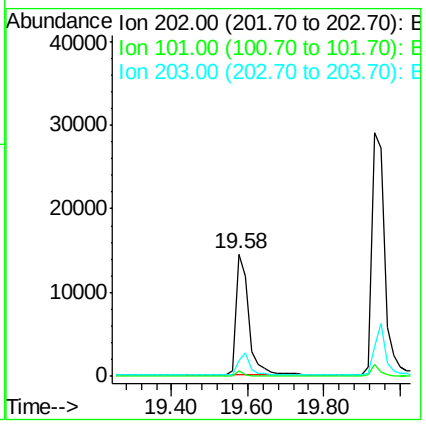


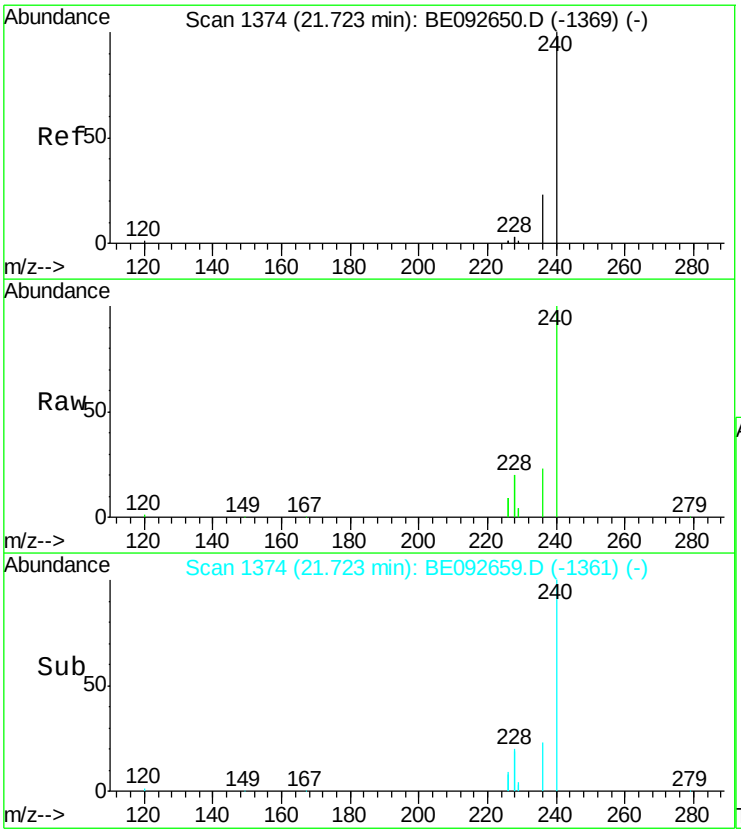
#23
Fluoranthene
Concen: 0.69 ng
RT: 19.58 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Instrument :
BNA_E
ClientSampleId :
0048

Tgt Ion:202 Resp: 33637

Ion	Ratio	Lower	Upper
202	100		
101	3.0	2.2	3.4
203	17.1	13.7	20.5

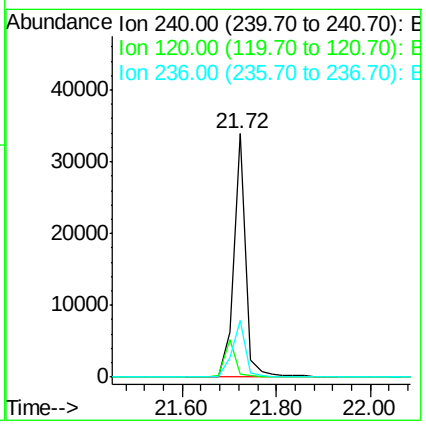


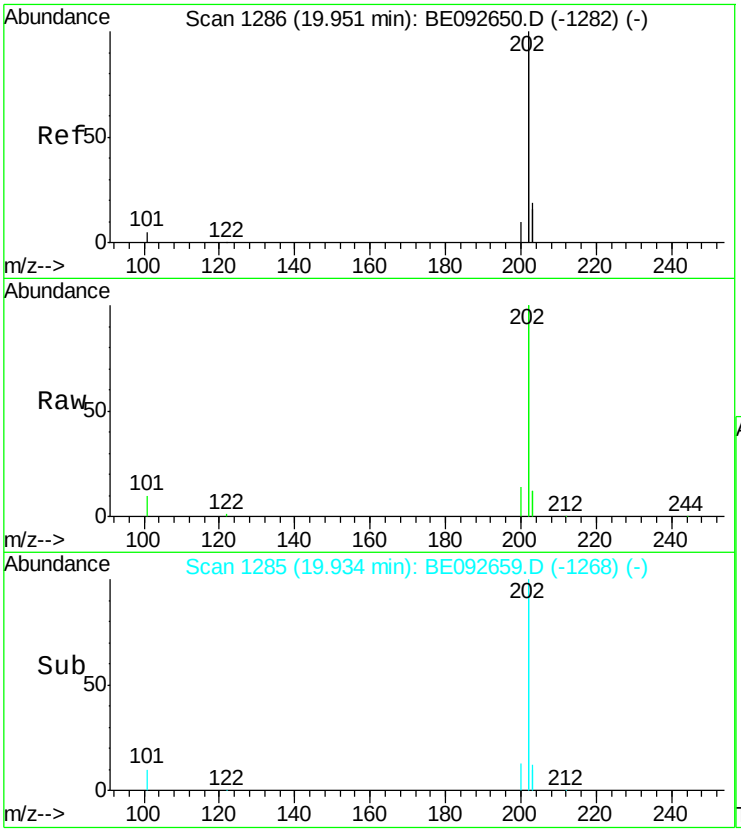


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Tgt Ion:240 Resp: 60204

Ion	Ratio	Lower	Upper
240	100		
120	1.4	2.6	4.0#
236	23.1	24.6	37.0#



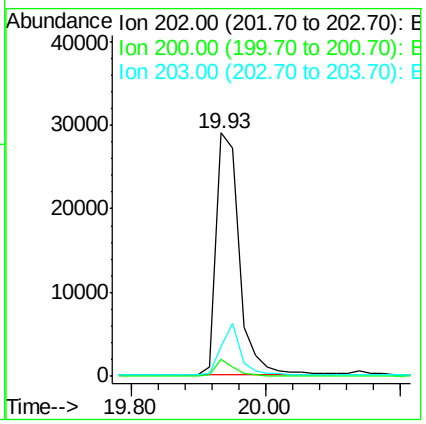


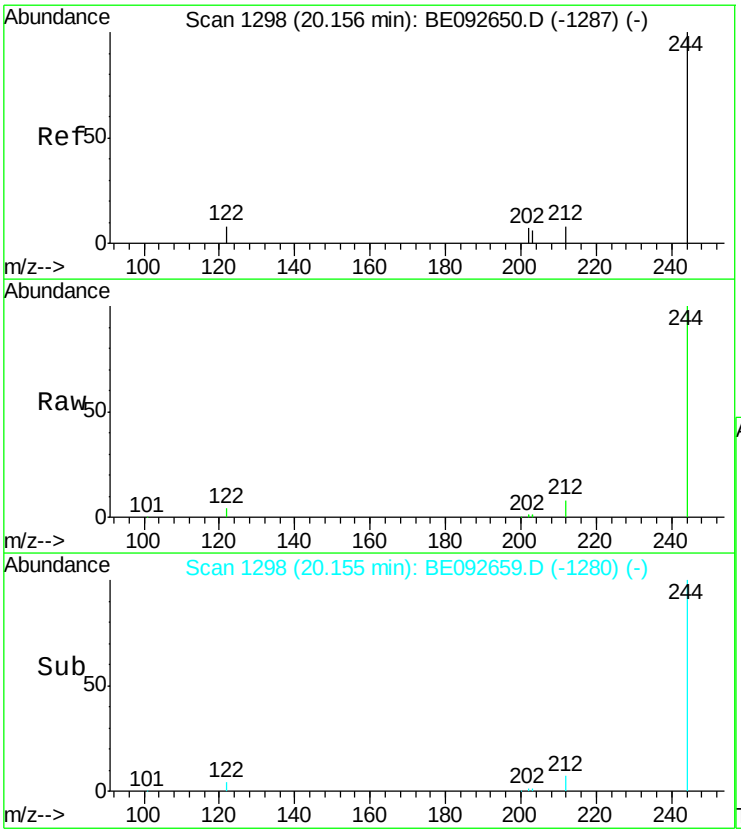
#25
Pyrene
Concen: 1.15 ng
RT: 19.93 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Instrument :
BNA_E
ClientSampleId :
0048

Tgt Ion:202 Resp: 68450

Ion	Ratio	Lower	Upper
202	100		
200	5.5	4.2	6.4
203	17.6	13.9	20.9

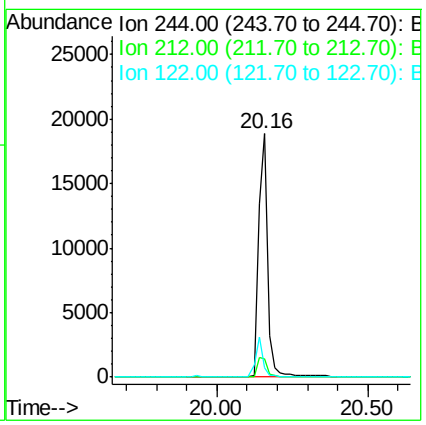


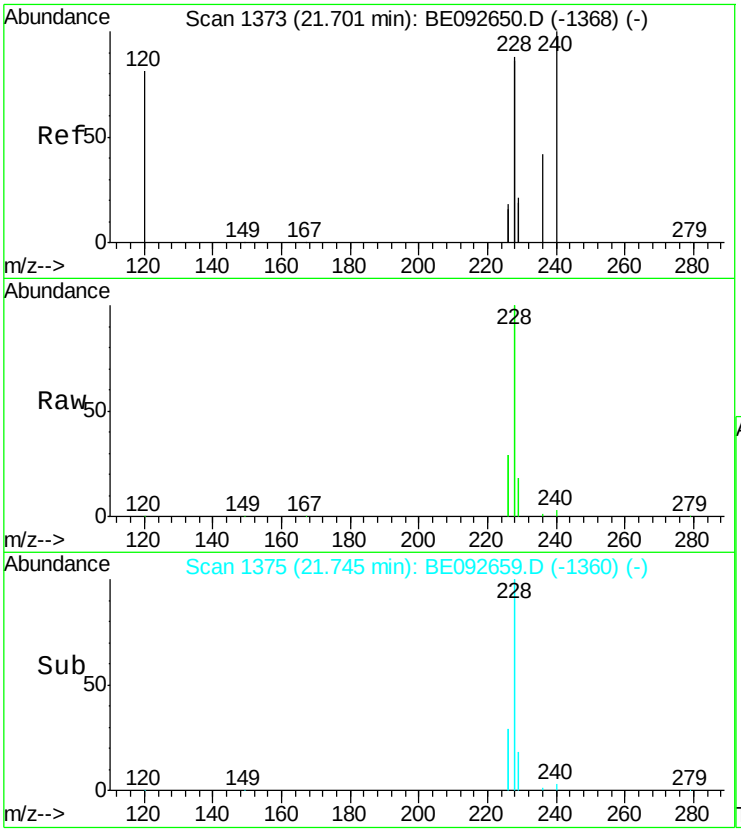


#26
Terphenyl-d14
Concen: 4.49 ng
RT: 20.16 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Tgt Ion:244 Resp: 38193

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.7	10.1
122	3.8	3.6	5.4



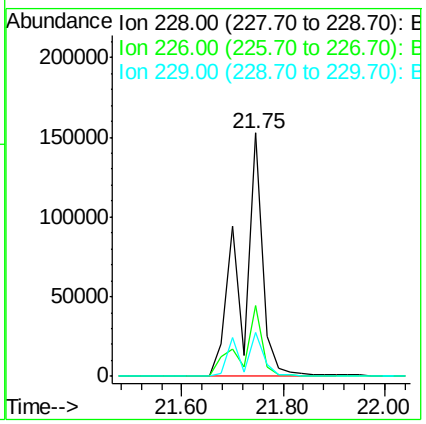


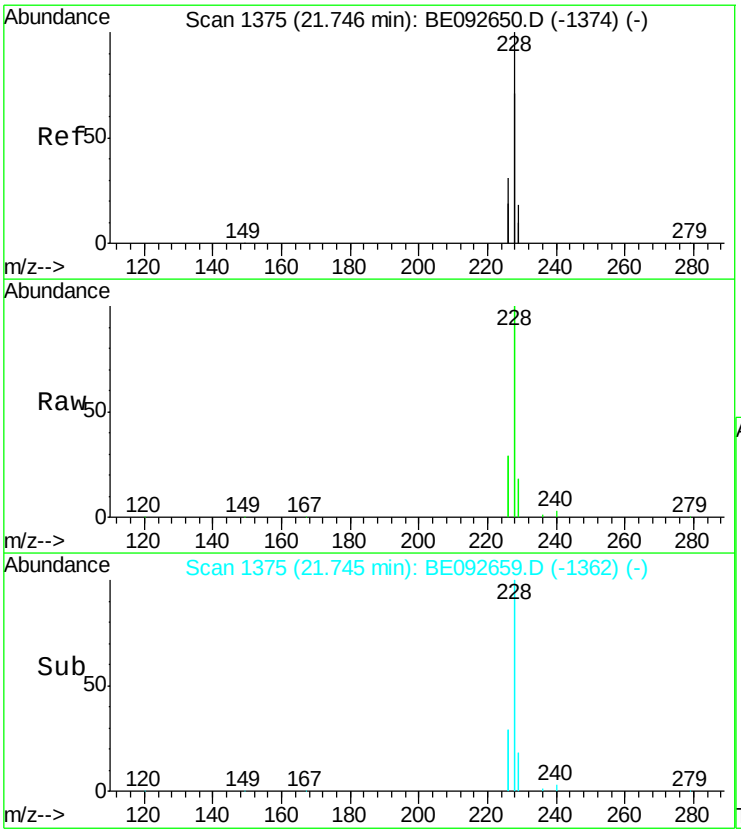
#27
Benzo(a)anthracene
Concen: 7.24 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.04 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Instrument :
BNA_E
ClientSampleId :
0048

Tgt Ion:228 Resp: 429448

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.6	35.4
229	18.2	13.3	19.9

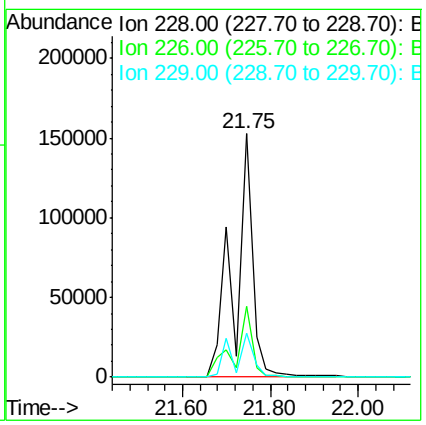


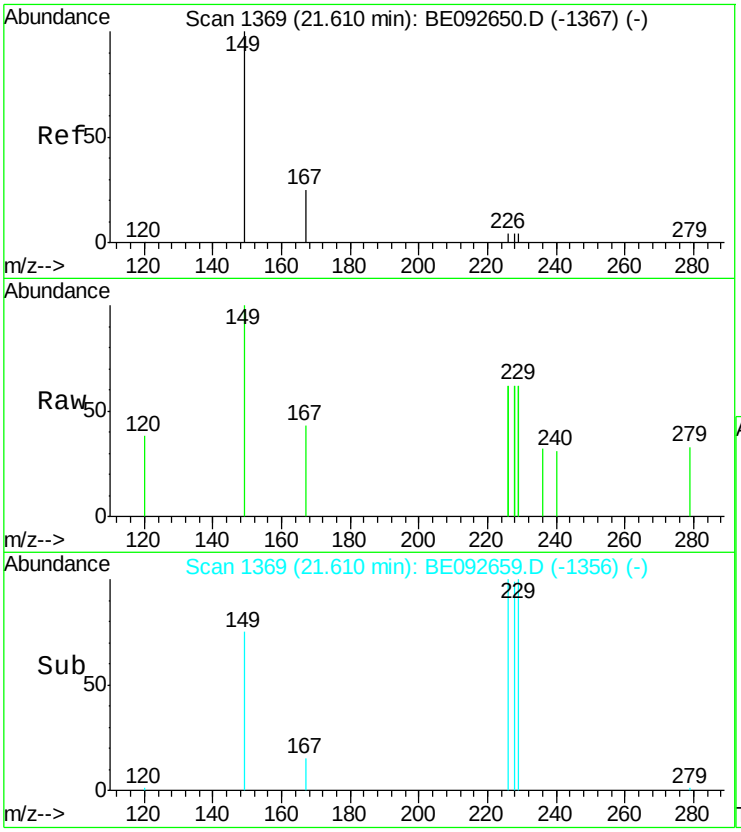


#28
Chrysene
Concen: 6.46 ng
RT: 21.75 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Tgt Ion:228 Resp: 430927

Ion	Ratio	Lower	Upper
228	100		
226	28.9	36.3	54.5#
229	18.2	10.6	16.0#



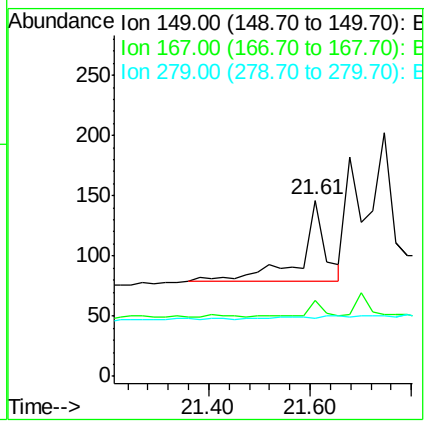


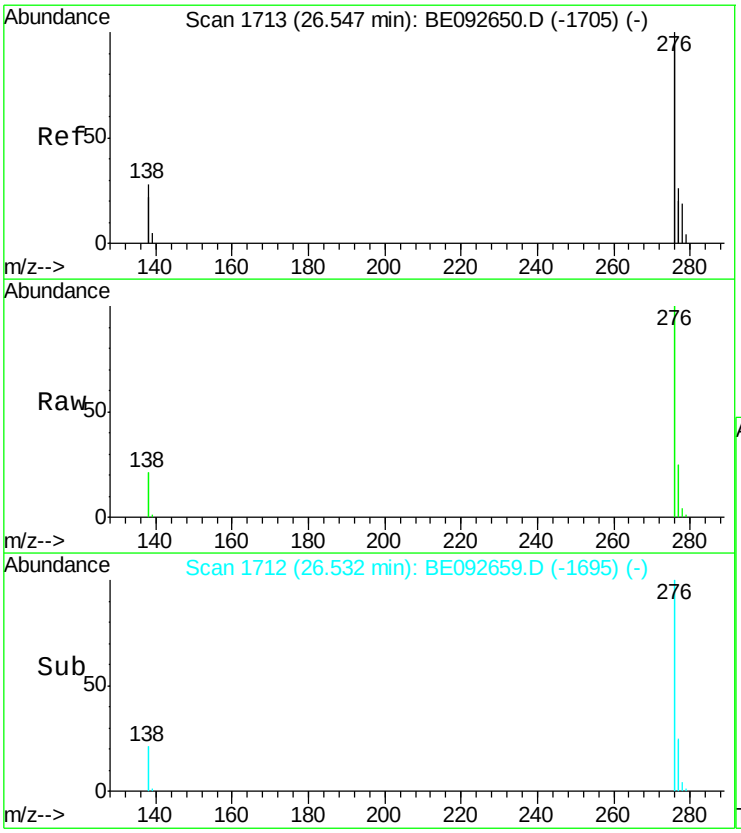
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.22 ng
RT: 21.61 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Instrument :
BNA_E
ClientSampleId :
0048

Tgt Ion:149 Resp: 227

Ion	Ratio	Lower	Upper
149	100		
167	8.8	16.0	24.0#
279	0.0	16.0	24.0#

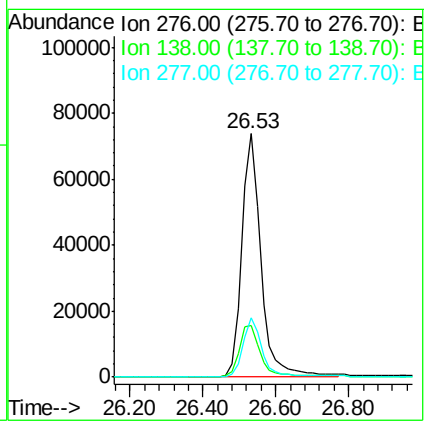


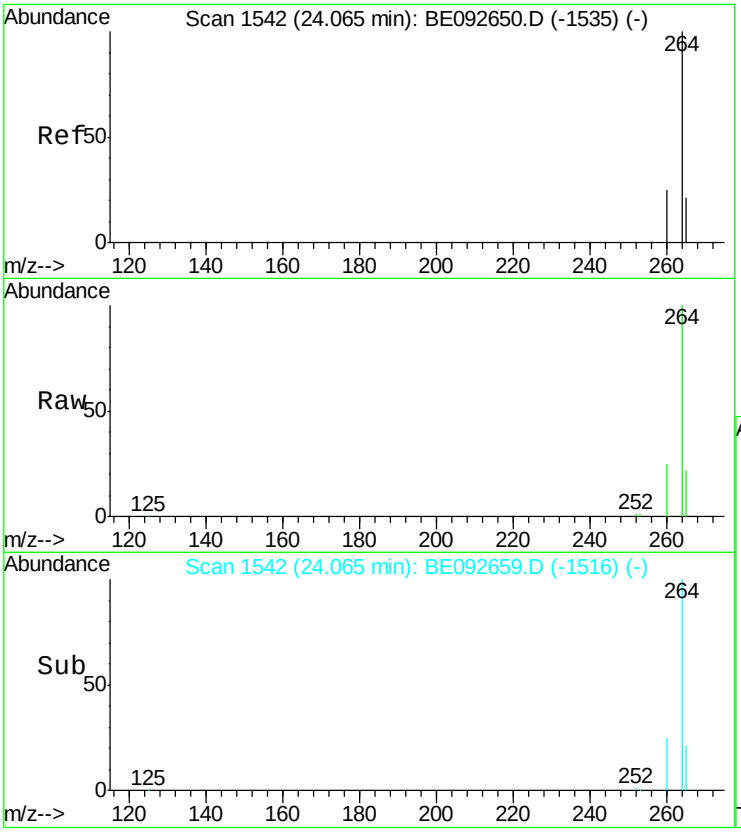


#30
Indeno(1,2,3-cd)pyrene
Concen: 3.66 ng
RT: 26.53 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Tgt Ion:276 Resp: 263666

Ion	Ratio	Lower	Upper
276	100		
138	23.1	20.3	30.5
277	24.0	19.7	29.5



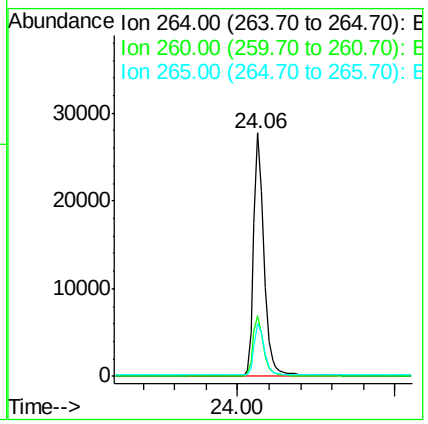


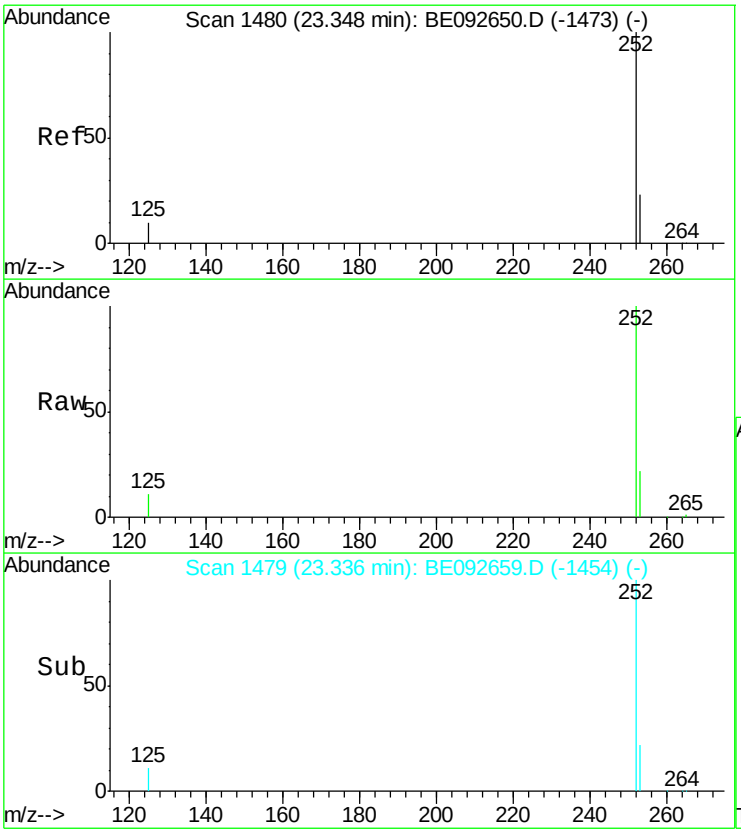
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.06 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Instrument :
BNA_E
ClientSampleId :
0048

Tgt Ion:264 Resp: 63602

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	21.7	17.9	26.9

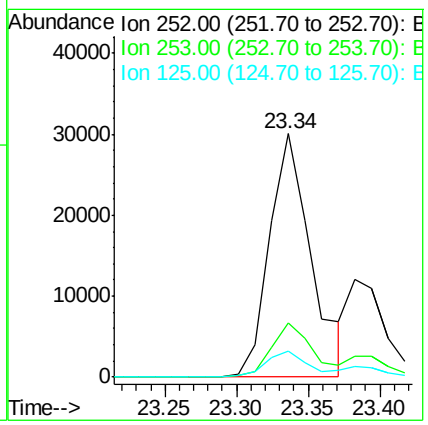


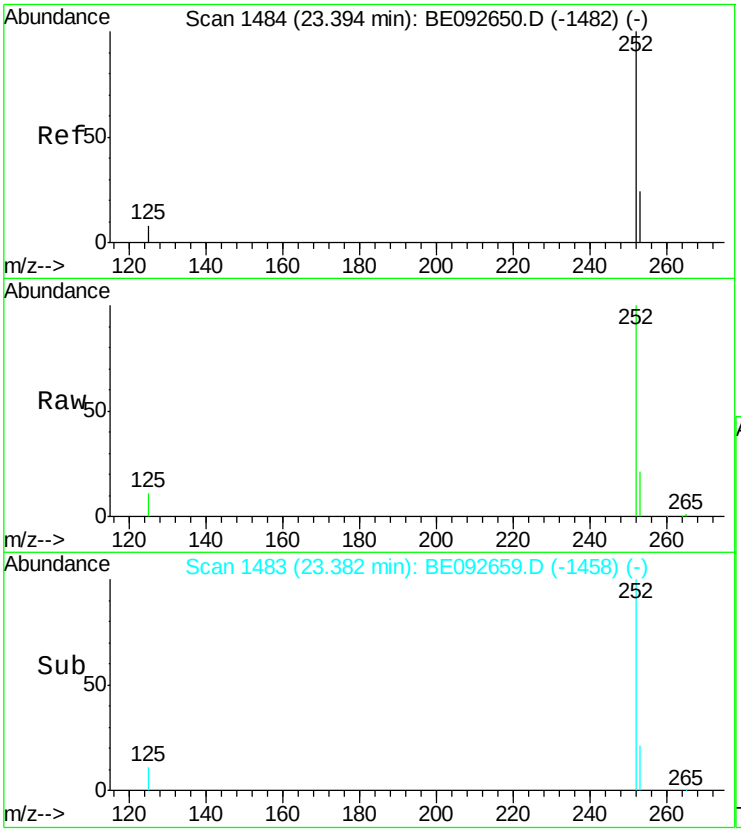


#32
Benzo(b)fluoranthene
Concen: 3.90 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Tgt Ion:252 Resp: 59980

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.7	28.1
125	10.7	10.5	15.7



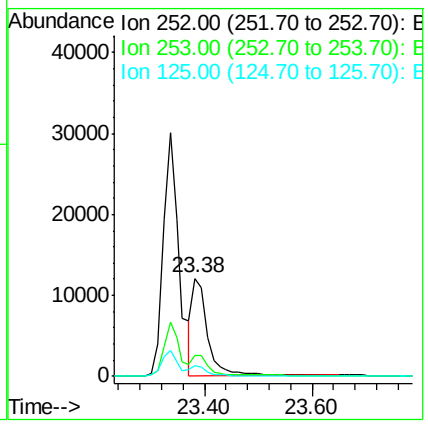


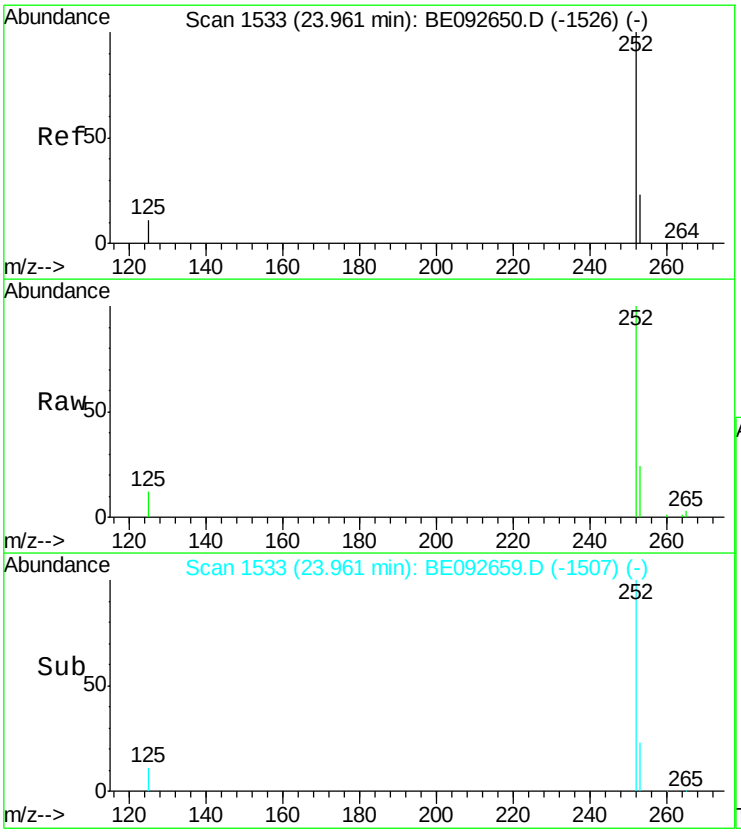
#33
Benzo(k)fluoranthene
Concen: 1.52 ng
RT: 23.38 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Instrument :
BNA_E
ClientSampleId :
0048

Tgt Ion:252 Resp: 23425

Ion	Ratio	Lower	Upper
252	100		
253	21.3	20.3	30.5
125	11.4	9.6	14.4

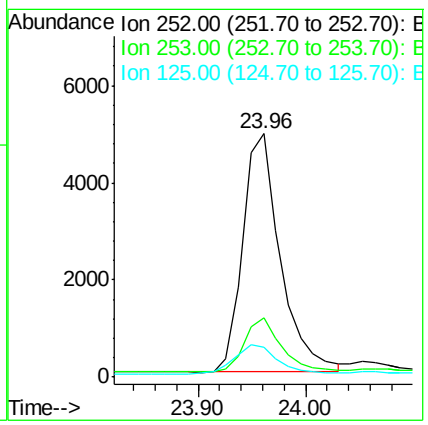


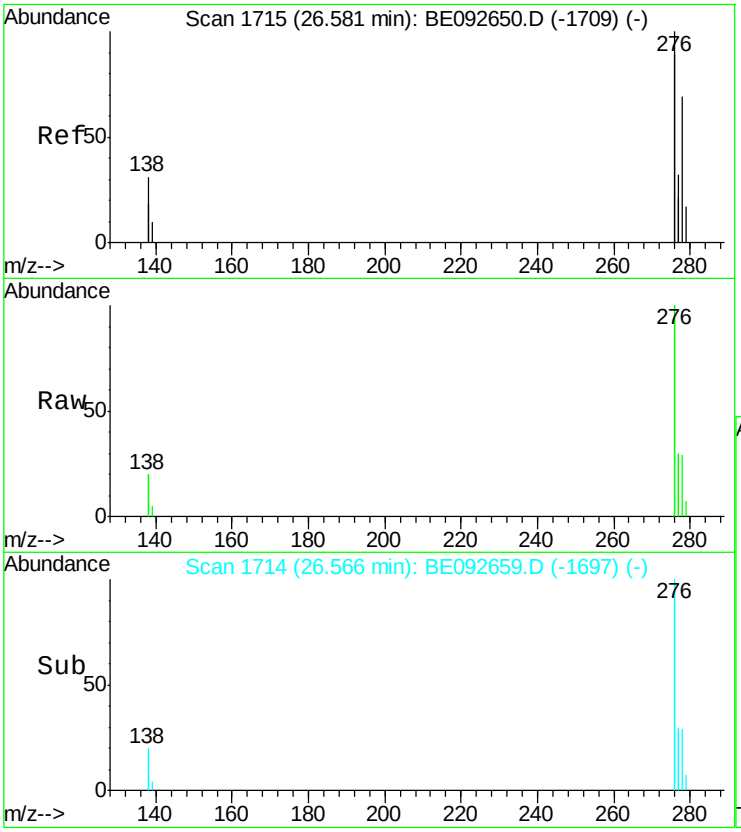


#34
Benzo(a)pyrene
Concen: 0.83 ng
RT: 23.96 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Tgt Ion:252 Resp: 11961

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.0	28.6
125	12.3	11.8	17.8



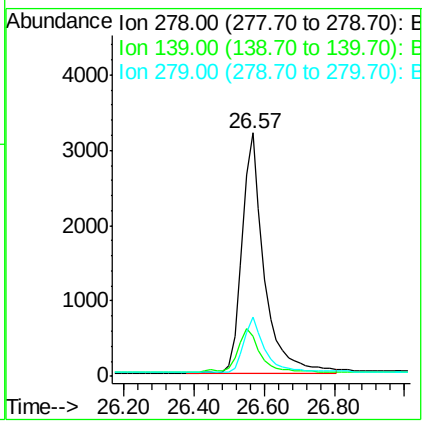


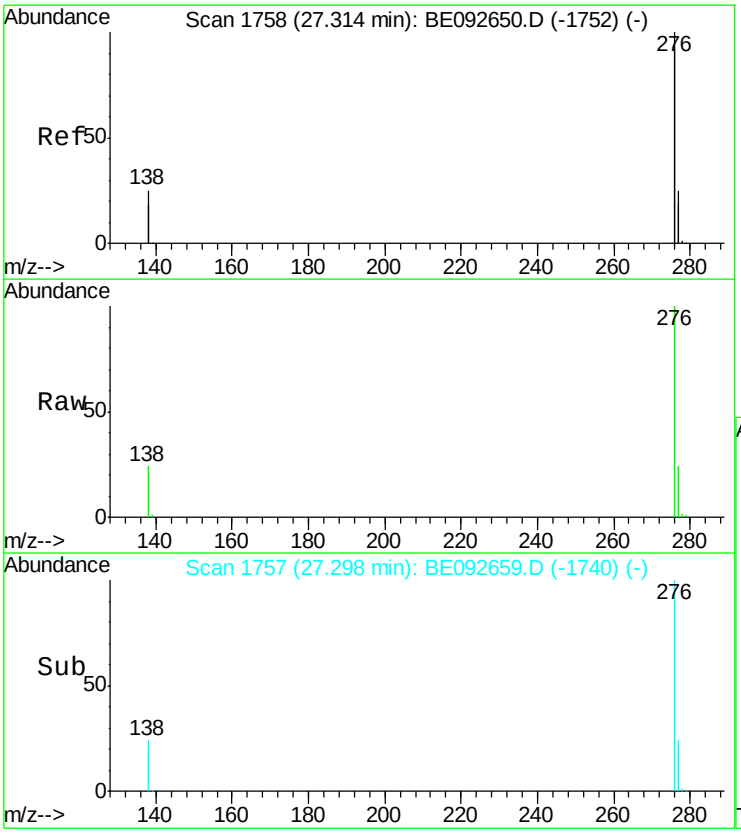
#35
Dibenzo(a,h)anthracene
Concen: 0.98 ng
RT: 26.57 min Scan# 1714
Delta R.T. -0.02 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Instrument :
BNA_E
ClientSampleId :
0048

Tgt Ion:278 Resp: 13916

Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.8	20.8
279	24.4	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 1.75 ng
RT: 27.30 min Scan# 1757
Delta R.T. -0.02 min
Lab File: BE092659.D
Acq: 19 Jan 2017 16:14

Tgt Ion:276 Resp: 104736

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.8	29.8
138	23.7	19.8	29.6