Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011917\
Data File : BE092660.D
Acq On : 19 Jan 2017 16:52
Operator : UM/SJ
Sample : I1305-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 0050

Quant Time: Jan 20 01:29:06 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	7958	5.00	ng		0.00
7) Naphthalene-d8	10.91	136	38564	5.00	ng		0.00
12) Acenaphthene-d10	14.78	164	26185	5.00	ng		0.00
18) Phenanthrene-d10	17.53	188	62221	5.00	ng		0.00
24) Chrysene-d12	21.72	240	67630	5.00	ng		0.00
31) Perylene-d12	24.06	264	75514	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.64	112	13139	7.40	ng		-0.01
5) Phenol-d6	7.31	99	18032	8.28	ng		-0.02
8) Nitrobenzene-d5	9.32	82	8205	3.28	ng		-0.02
13) 2,4,6-Tribromophenol	16.27	330	6191	8.01	ng		-0.02
14) 2-Fluorobiphenyl	13.40	172	21422	3.33	ng		-0.02
26) Terphenyl-d14	20.14	244	37687	3.94	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	69	Below Cal		#	1
3) n-Nitrosodimethylamine	3.68	42	382	0.27	ng	#	1
9) Naphthalene	10.95	128	92676	11.51	ng	#	95
11) 2-Methylnaphthalene	12.60	142	302	0.06	ng	#	86
15) Acenaphthylene	14.49	152	224694	6.23	ng		100
16) Acenaphthene	14.85	154	52137	9.01	ng		91
17) Fluorene	15.83	166	54882	7.56	ng		100
19) Hexachlorobenzene	16.66	284	281	0.05	ng	#	39
20) Pentachlorophenol	17.21	266	72	0.11	ng	#	86
21) Phenanthrene	17.58	178	126059	9.18	ng		95
22) Anthracene	17.67	178	190362	15.02	ng		99
23) Fluoranthene	19.58	202	901099	14.79	ng		99
25) Pyrene	19.93	202	597743	8.97	ng		98
27) Benzo(a)anthracene	21.75	228	626908	9.41	ng	#	85
28) Chrysene	21.75	228	628801	8.39	ng	#	66
29) Bis(2-ethylhexyl)phthalate	21.61	149	12395	1.11	ng	#	70
30) Indeno(1,2,3-cd)pyrene	26.53	276	292052	3.61	ng		96
32) Benzo(b)fluoranthene	23.34	252	195206	10.69	ng	#	97
33) Benzo(k)fluoranthene	23.34	252	195206	10.64	ng		96
34) Benzo(a)pyrene	23.95	252	109953	6.41	ng		95
35) Dibenzo(a,h)anthracene	26.55	278	78070	4.65	ng		96
36) Benzo(g,h,i)perylene	27.28	276	654760	9.23	ng		97

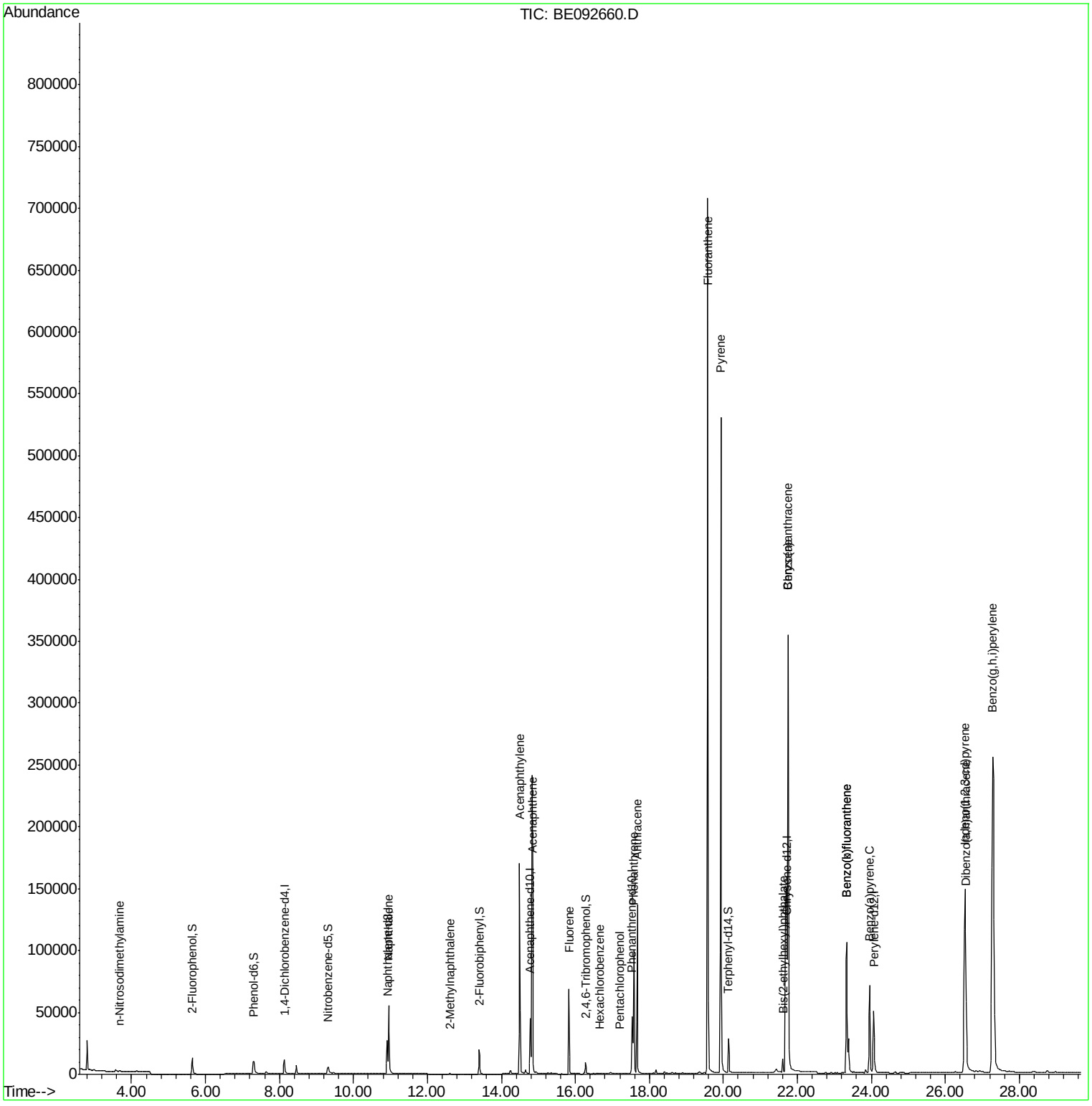
(#) = qualifier out of range (m) = manual integration (+) = signals summed

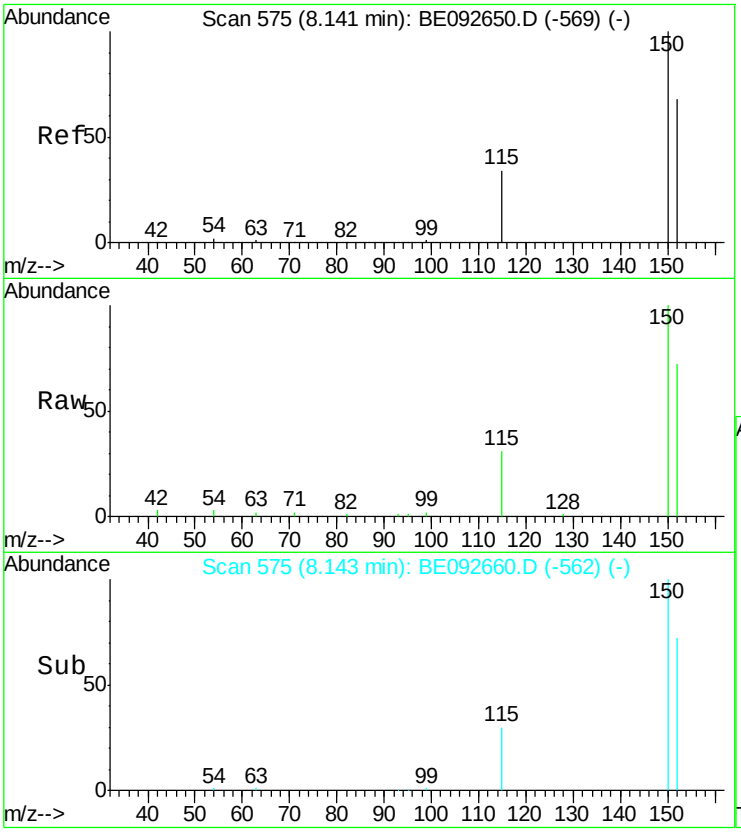
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011917\
Data File : BE092660.D
Acq On : 19 Jan 2017 16:52
Operator : UM/SJ
Sample : I1305-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
0050

Quant Time: Jan 20 01:29:06 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



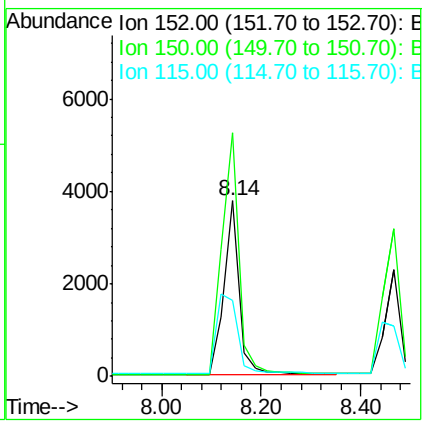


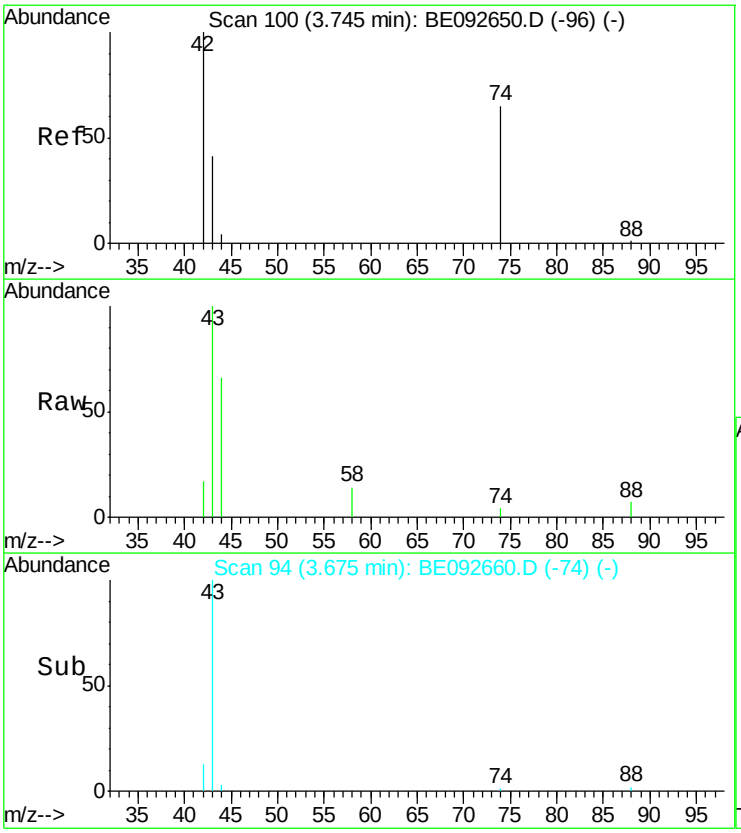
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. 0.00 min
Lab File: BE092660.D
Acq: 19 Jan 2017 16:52

Instrument :
BNA_E
ClientSampleId :
0050

Tgt Ion:152 Resp: 7958

Ion	Ratio	Lower	Upper
152	100		
150	138.7	106.0	159.0
115	43.2	31.2	46.8

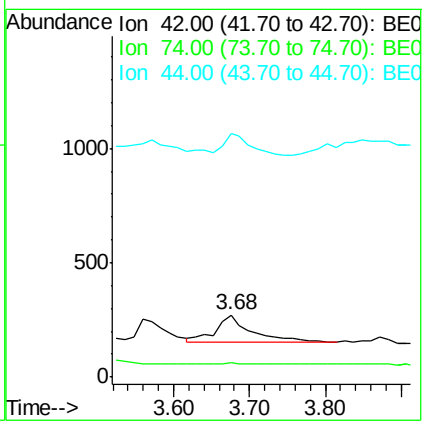


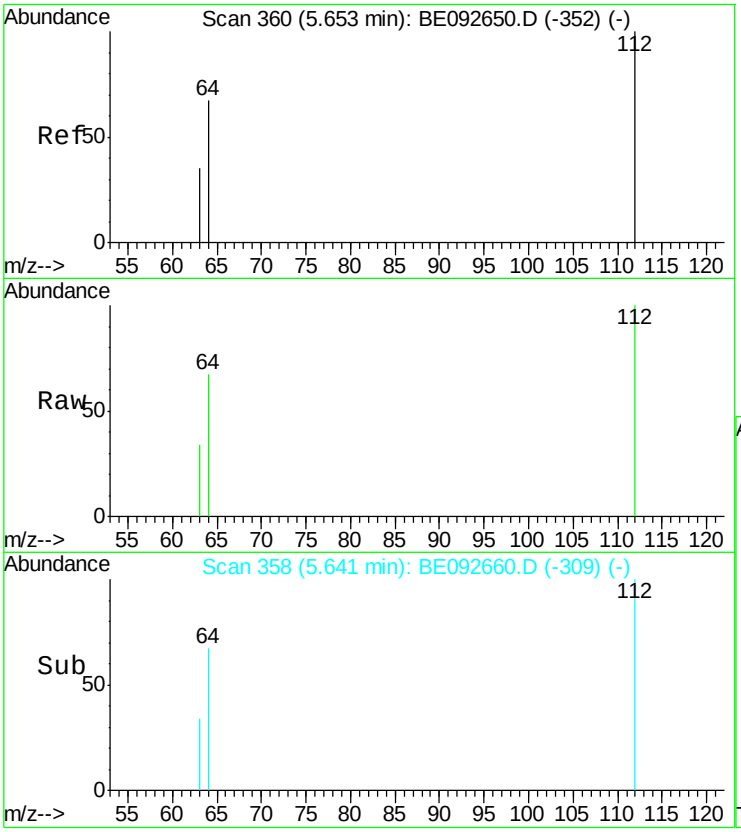


#3
n-Nitrosodimethylamine
Concen: 0.27 ng
RT: 3.68 min Scan# 94
Delta R.T. -0.07 min
Lab File: BE092660.D
Acq: 19 Jan 2017 16:52

Tgt Ion: 42 Resp: 382

Ion	Ratio	Lower	Upper
42	100		
74	4.5	86.0	129.0#
44	60.2	5.1	7.7#



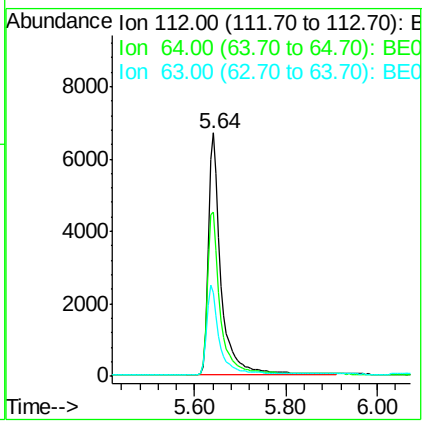


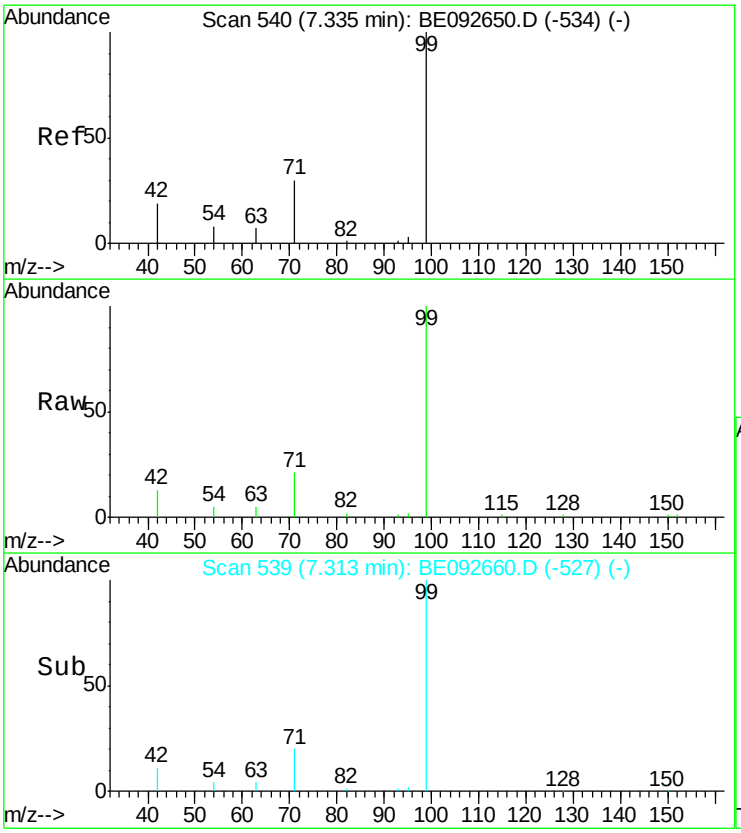
#4
2-Fluorophenol
Concen: 7.40 ng
RT: 5.64 min Scan# 358
Delta R.T. -0.01 min
Lab File: BE092660.D
Acq: 19 Jan 2017 16:52

Instrument :
BNA_E
ClientSampleId :
0050

Tgt Ion:112 Resp: 13139

Ion	Ratio	Lower	Upper
112	100		
64	69.3	53.5	80.3
63	37.0	27.9	41.9

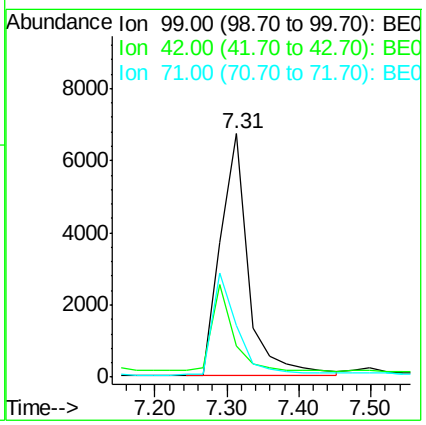


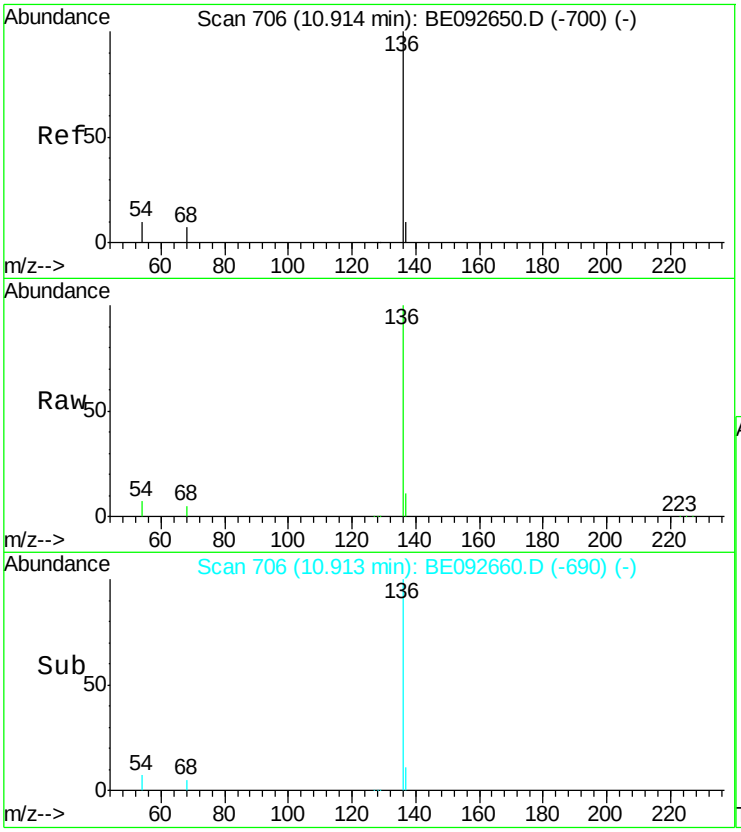


#5
Phenol-d6
Concen: 8.28 ng
RT: 7.31 min Scan# 539
Delta R.T. -0.02 min
Lab File: BE092660.D
Acq: 19 Jan 2017 16:52

Tgt Ion: 99 Resp: 18032

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



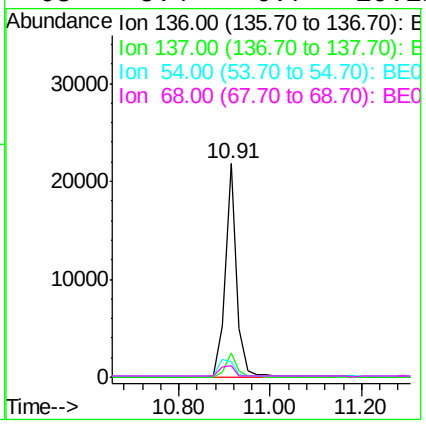


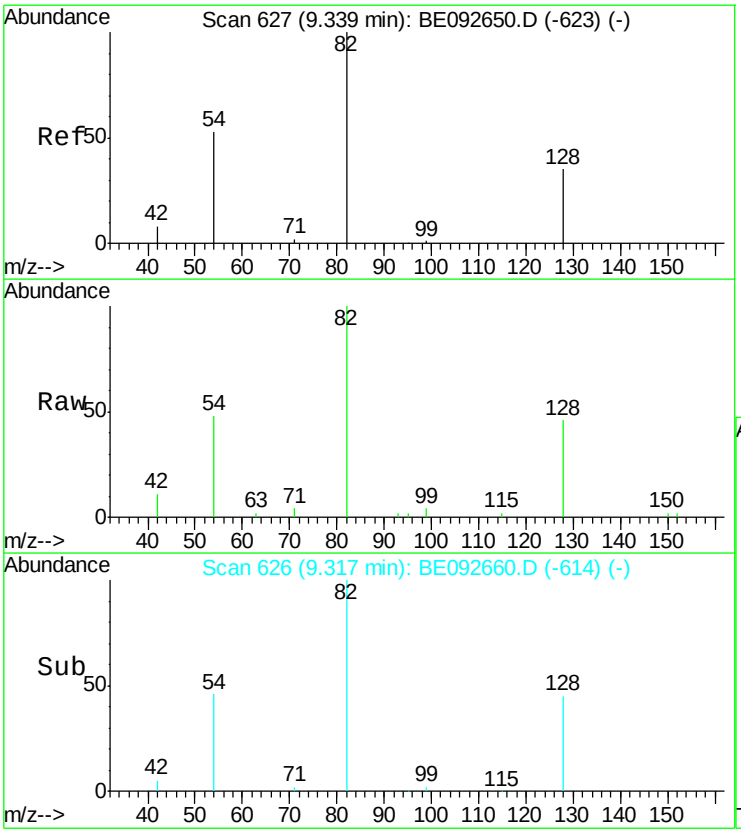
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.91 min Scan# 706
Delta R.T. -0.00 min
Lab File: BE092660.D
Acq: 19 Jan 2017 16:52

Instrument :
BNA_E
ClientSampleId :
0050

Tgt Ion:136 Resp: 38564

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.4
54	7.1	9.6	14.4#
68	5.4	6.7	10.1#

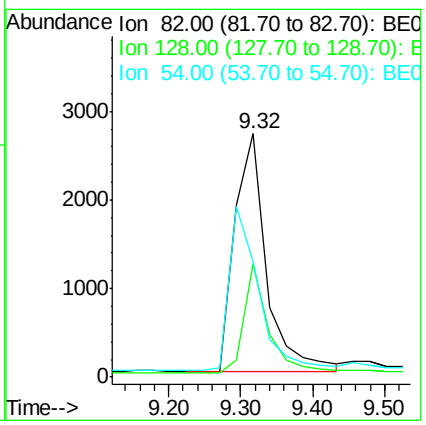


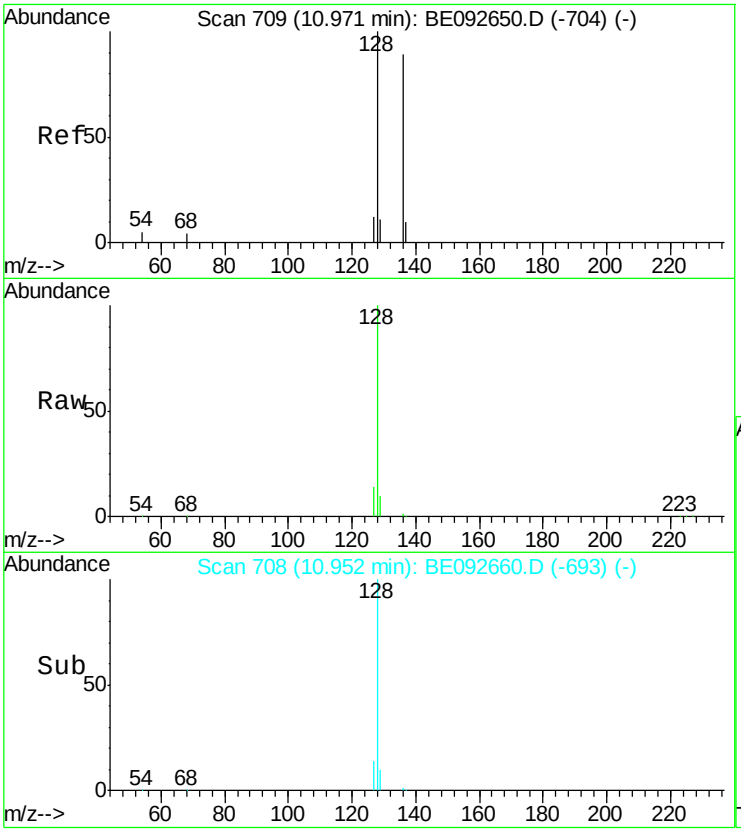


#8
Nitrobenzene-d5
Concen: 3.28 ng
RT: 9.32 min Scan# 626
Delta R.T. -0.02 min
Lab File: BE092660.D
Acq: 19 Jan 2017 16:52

Tgt Ion: 82 Resp: 8205

Ion	Ratio	Lower	Upper
82	100		
128	46.3	39.0	58.4
54	47.7	44.8	67.2



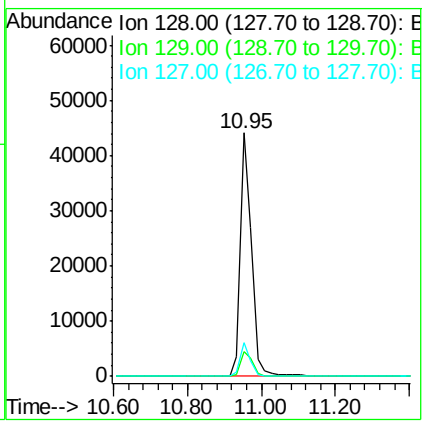


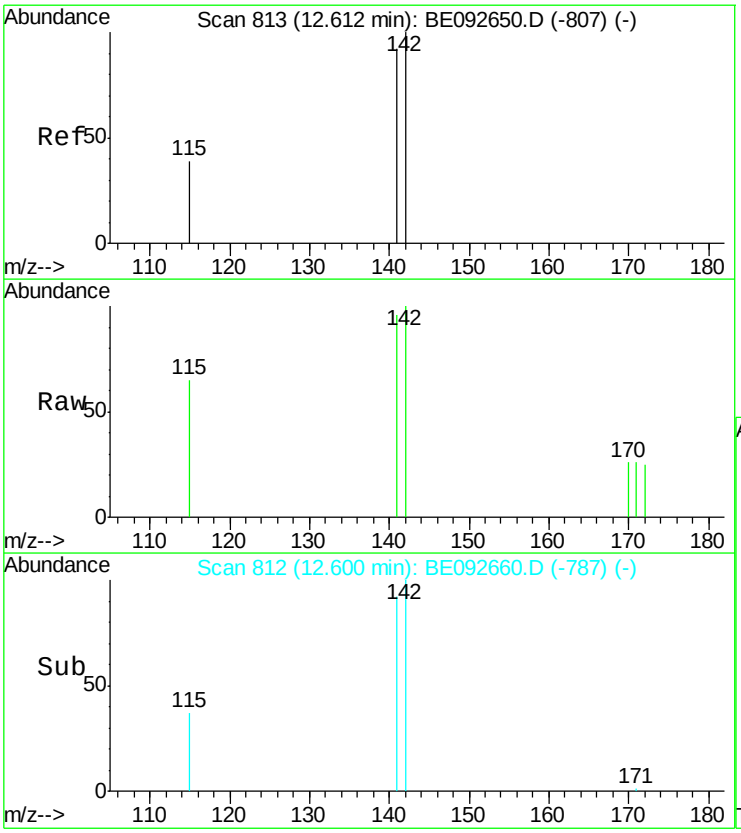
#9
Naphthalene
Concen: 11.51 ng
RT: 10.95 min Scan# 708
Delta R.T. -0.02 min
Lab File: BE092660.D
Acq: 19 Jan 2017 16:52

Instrument :
BNA_E
ClientSampleId :
0050

Tgt Ion:128 Resp: 92676

Ion	Ratio	Lower	Upper
128	100		
129	10.3	11.2	16.8#
127	14.1	11.6	17.4

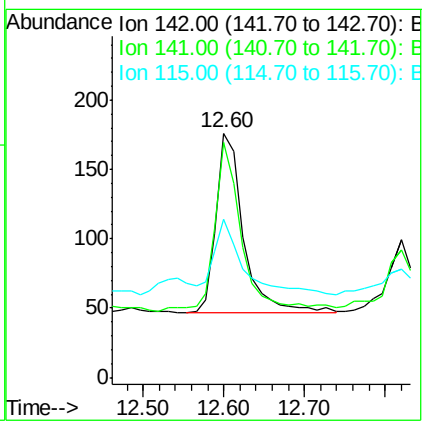


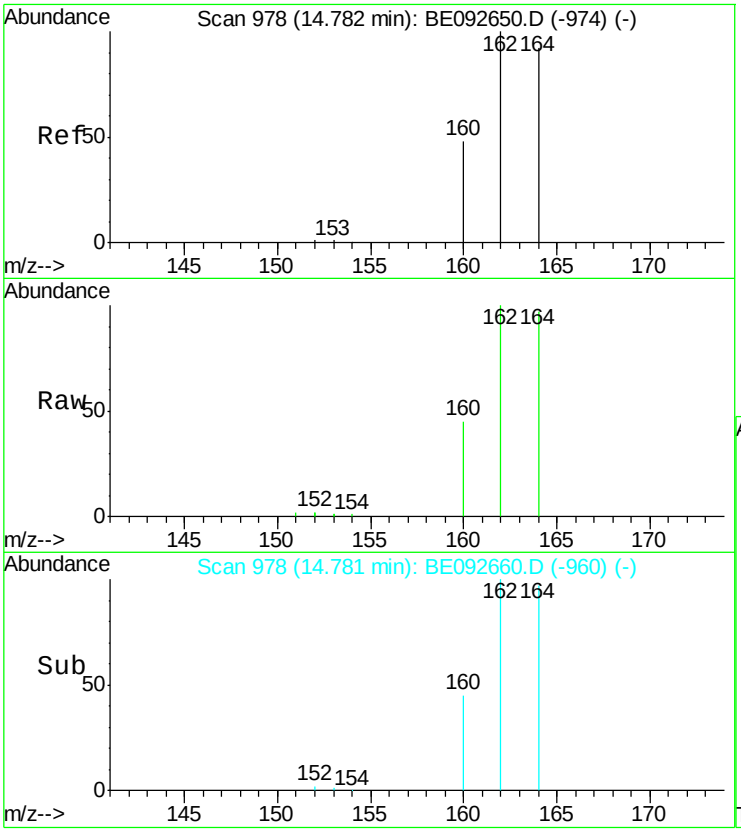


#11
2-Methylnaphthalene
Concen: 0.06 ng
RT: 12.60 min Scan# 812
Delta R.T. -0.01 min
Lab File: BE092660.D
Acq: 19 Jan 2017 16:52

Tgt Ion:142 Resp: 302

Ion	Ratio	Lower	Upper
142	100		
141	96.0	73.7	110.5
115	64.8	34.0	51.0#



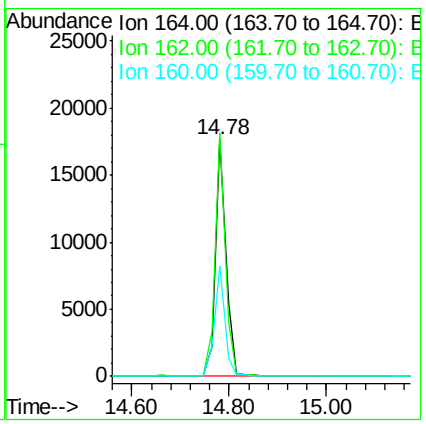


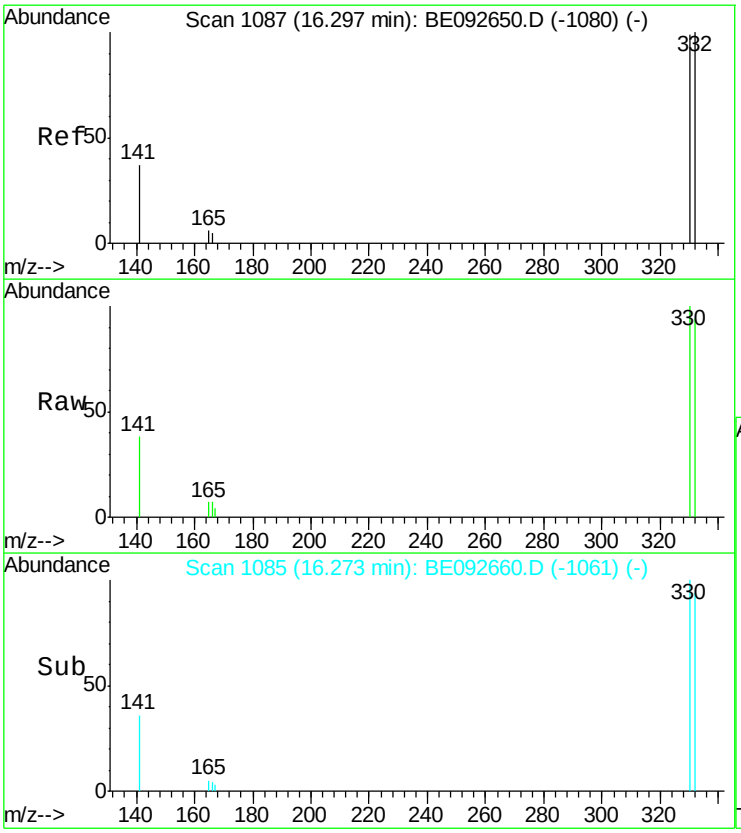
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.78 min Scan# 978
Delta R.T. -0.00 min
Lab File: BE092660.D
Acq: 19 Jan 2017 16:52

Instrument :
BNA_E
ClientSampleId :
0050

Tgt Ion:164 Resp: 26185

Ion	Ratio	Lower	Upper
164	100		
162	102.8	71.4	107.0
160	46.5	27.4	41.2#

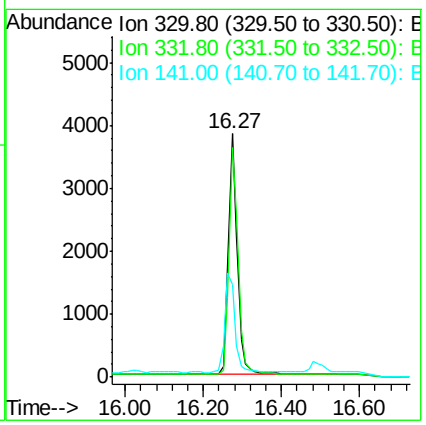


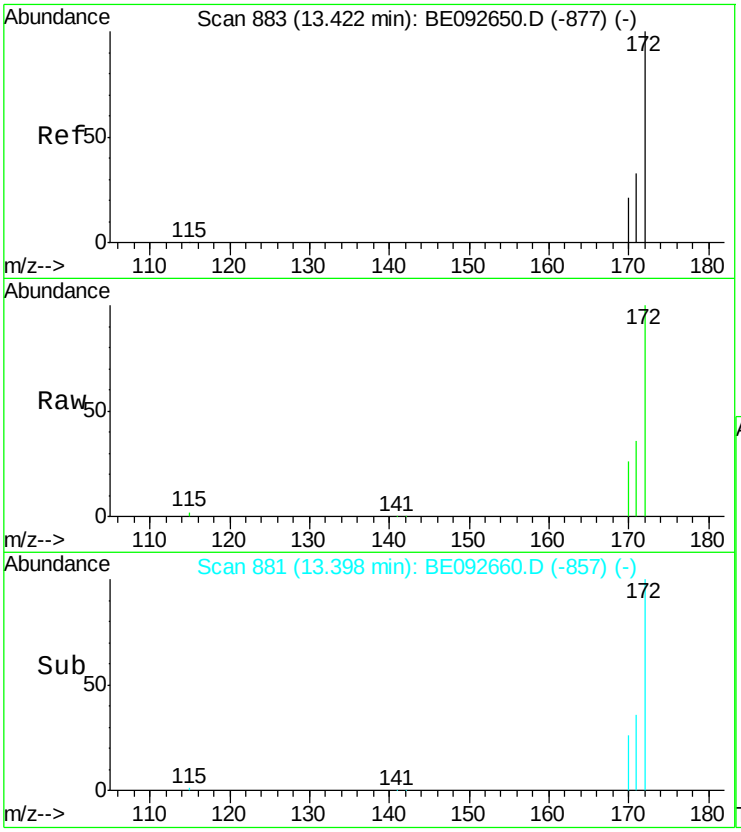


#13
2,4,6-Tribromophenol
Concen: 8.01 ng
RT: 16.27 min Scan# 1085
Delta R.T. -0.02 min
Lab File: BE092660.D
Acq: 19 Jan 2017 16:52

Tgt Ion:330 Resp: 6191

Ion	Ratio	Lower	Upper
330	100		
332	97.4	75.4	113.0
141	46.8	31.0	46.6#



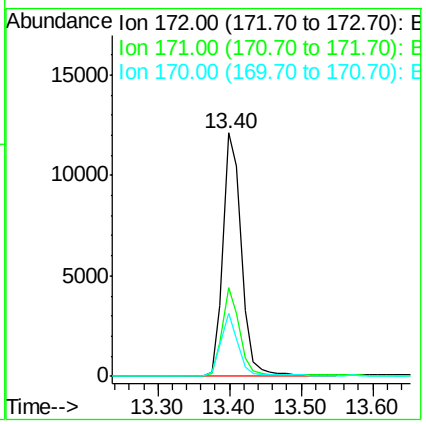


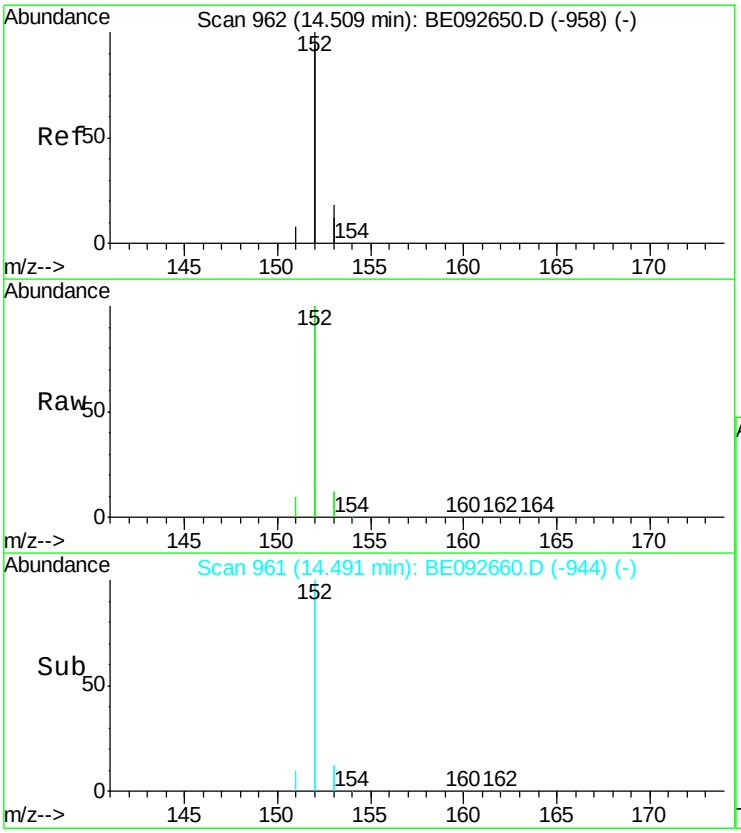
#14
2-Fluorobiphenyl
Concen: 3.33 ng
RT: 13.40 min Scan# 881
Delta R.T. -0.02 min
Lab File: BE092660.D
Acq: 19 Jan 2017 16:52

Instrument :
BNA_E
ClientSampleId :
0050

Tgt Ion:172 Resp: 21422

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.1	45.1
170	25.8	21.8	32.6

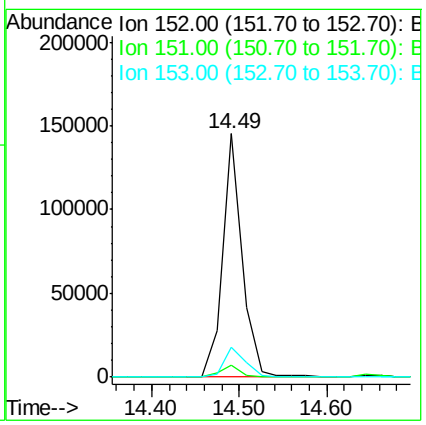


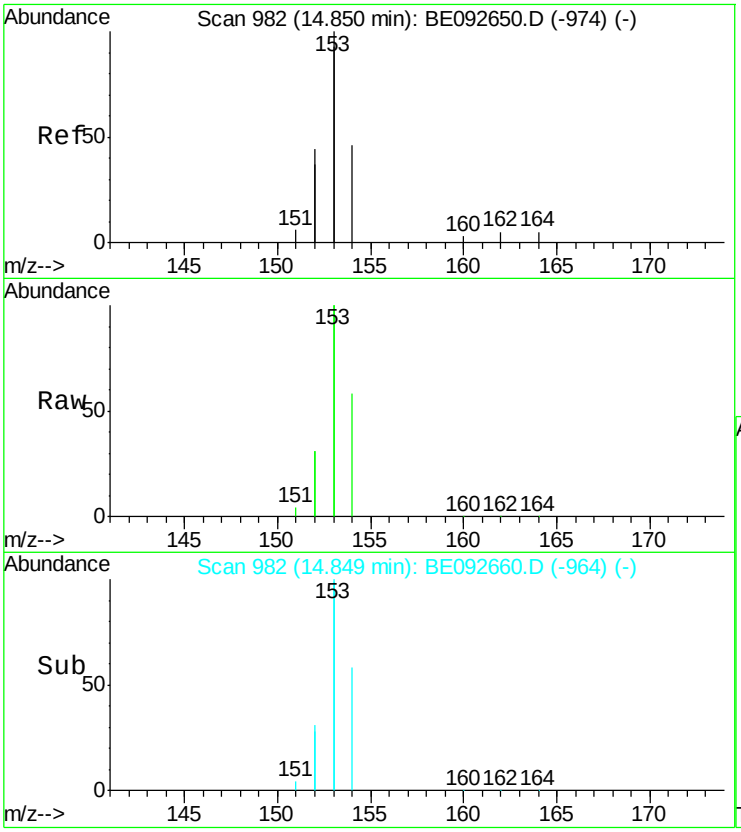


#15
Acenaphthylene
Concen: 6.23 ng
RT: 14.49 min Scan# 961
Delta R.T. -0.02 min
Lab File: BE092660.D
Acq: 19 Jan 2017 16:52

Tgt Ion:152 Resp: 224694

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.9	5.9
153	13.1	10.4	15.6



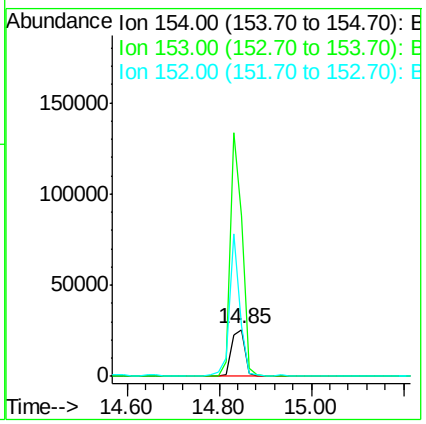


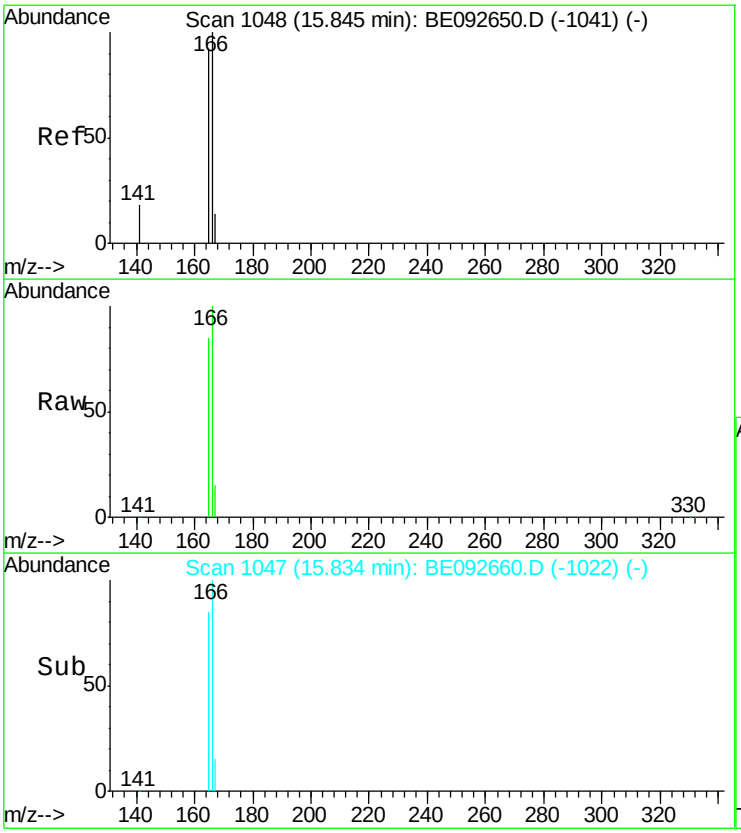
#16
Acenaphthene
Concen: 9.01 ng
RT: 14.85 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE092660.D
Acq: 19 Jan 2017 16:52

Instrument :
BNA_E
ClientSampleId :
0050

Tgt Ion:154 Resp: 52137

Ion	Ratio	Lower	Upper
154	100		
153	460.0	350.8	526.2
152	231.4	171.1	256.7

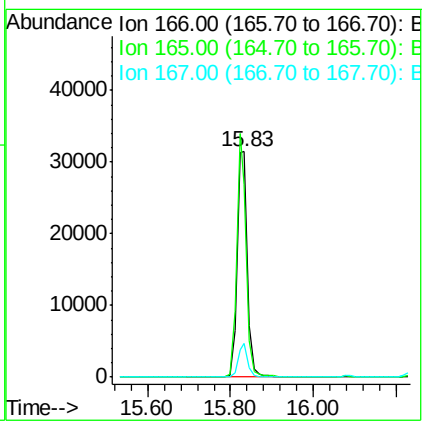


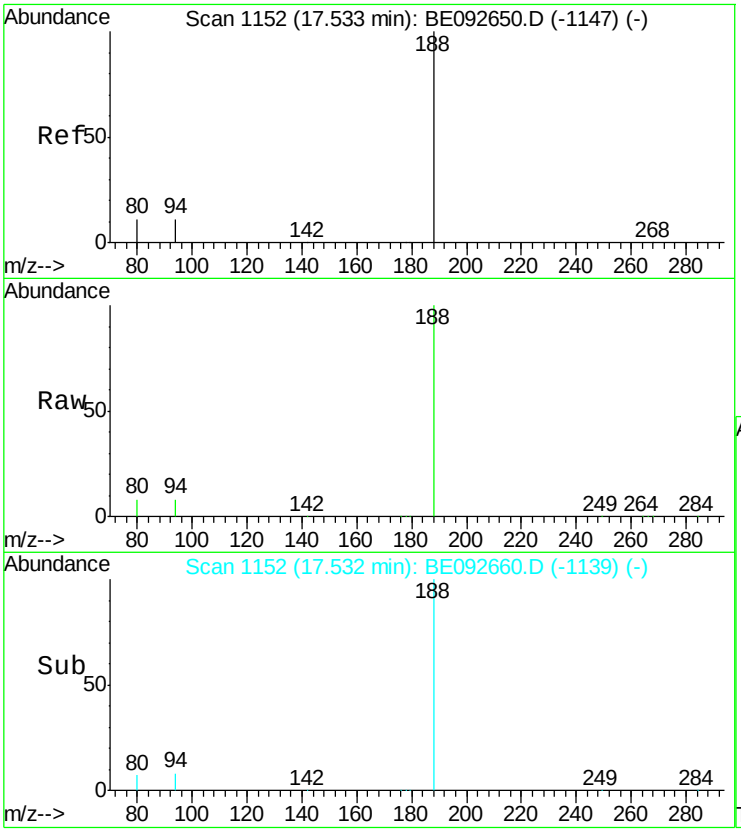


#17
Fluorene
Concen: 7.56 ng
RT: 15.83 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE092660.D
Acq: 19 Jan 2017 16:52

Tgt Ion:166 Resp: 54882

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.2	117.4
167	13.5	11.0	16.4



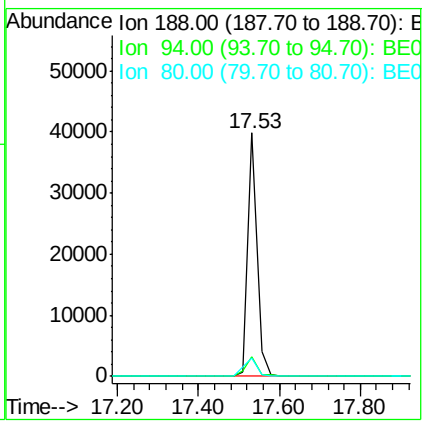


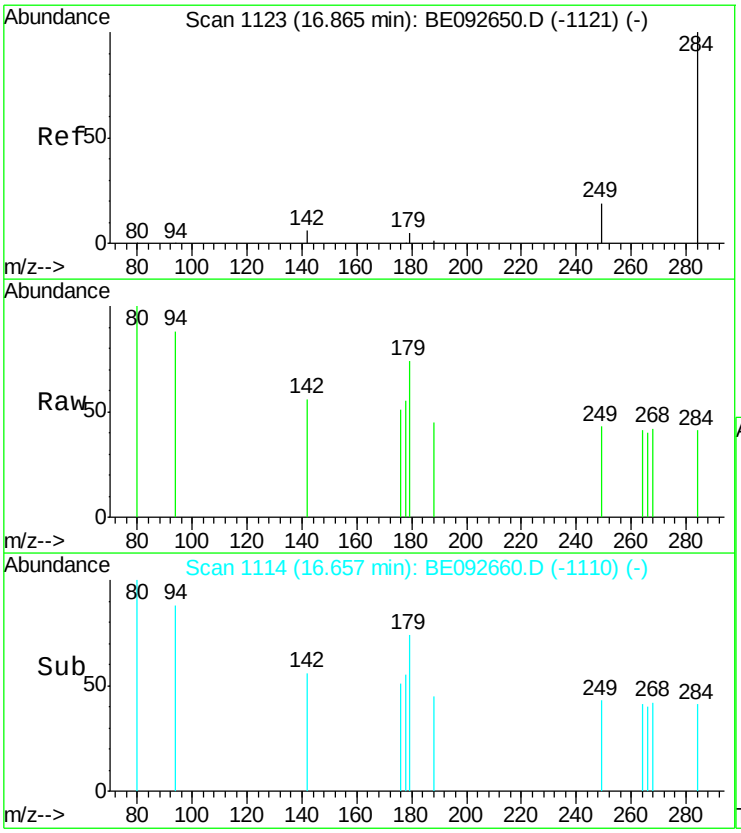
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE092660.D
Acq: 19 Jan 2017 16:52

Instrument :
BNA_E
ClientSampleId :
0050

Tgt Ion:188 Resp: 62221

Ion	Ratio	Lower	Upper
188	100		
94	8.3	3.2	4.8#
80	7.6	2.6	3.8#

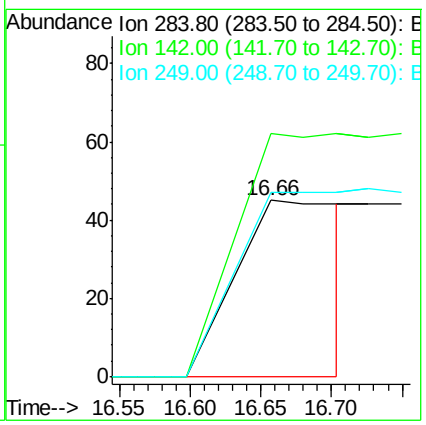


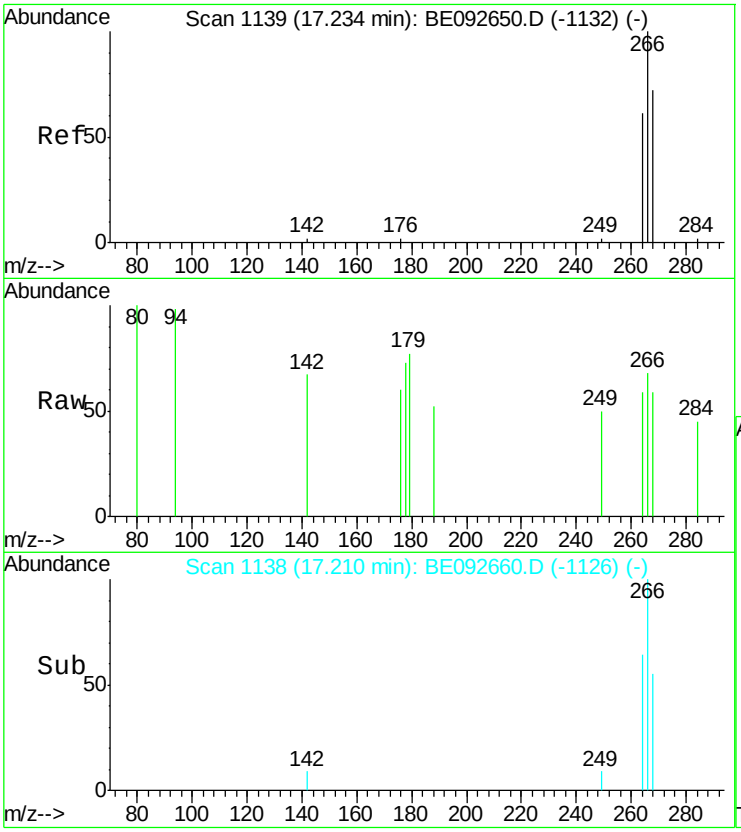


#19
Hexachlorobenzene
Concen: 0.05 ng
RT: 16.66 min Scan# 1114
Delta R.T. -0.21 min
Lab File: BE092660.D
Acq: 19 Jan 2017 16:52

Tgt Ion:284 Resp: 281

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



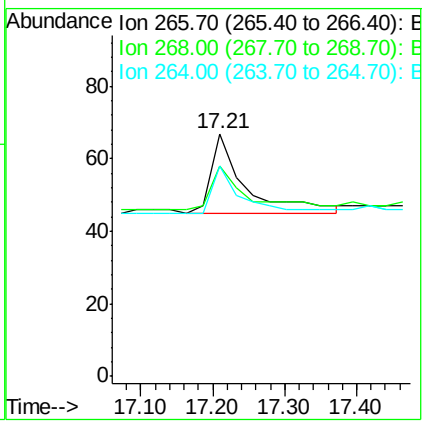


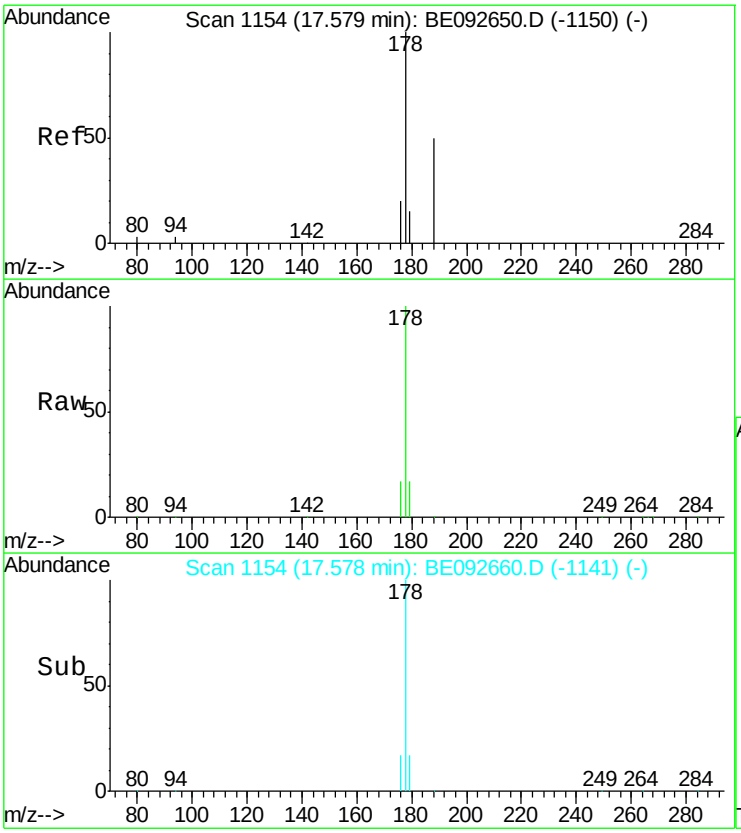
#20
Pentachlorophenol
Concen: 0.11 ng
RT: 17.21 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BE092660.D
Acq: 19 Jan 2017 16:52

Instrument :
BNA_E
ClientSampleId :
0050

Tgt Ion:266 Resp: 72

Ion	Ratio	Lower	Upper
266	100		
268	86.6	62.5	93.7
264	86.6	57.2	85.8#

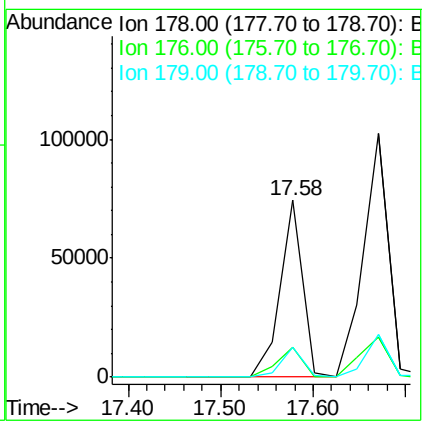


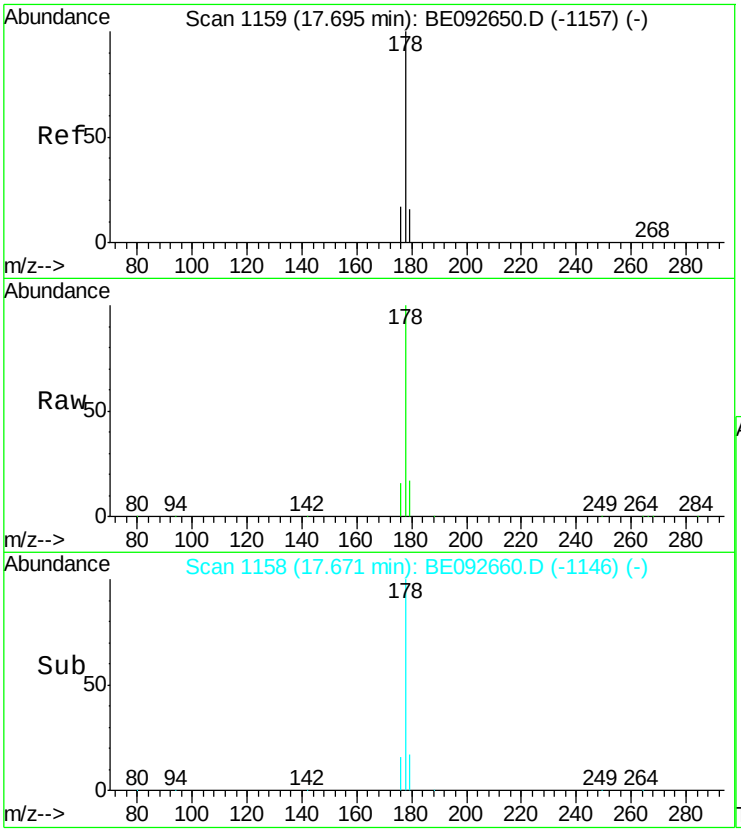


#21
Phenanthrene
Concen: 9.18 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE092660.D
Acq: 19 Jan 2017 16:52

Tgt Ion:178 Resp: 126059

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	16.3	16.0	24.0



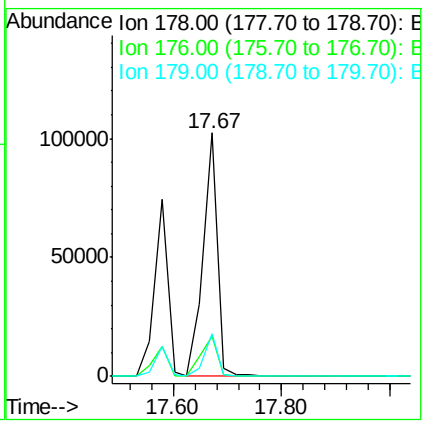


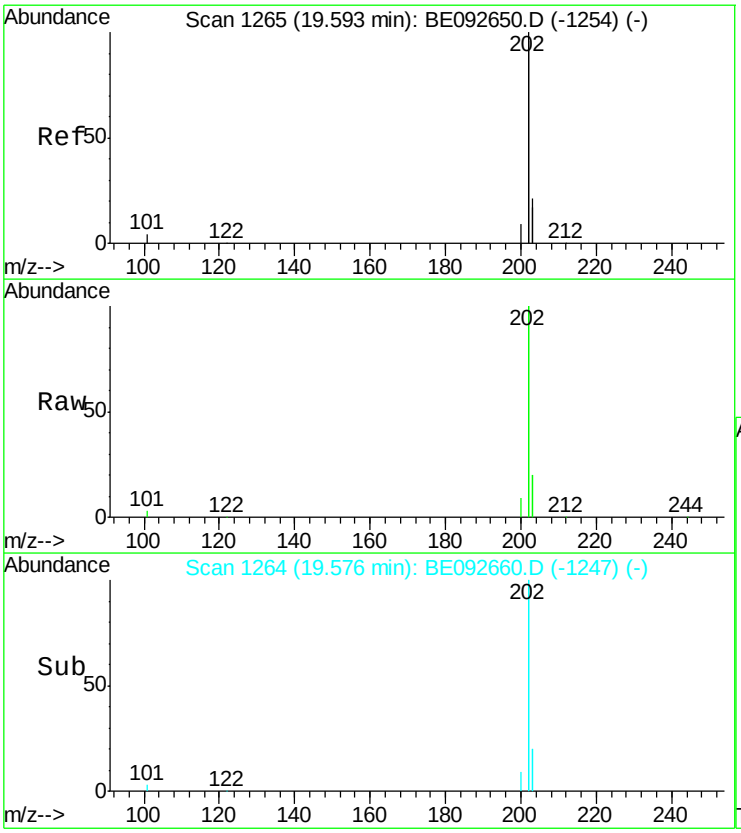
#22
Anthracene
Concen: 15.02 ng
RT: 17.67 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BE092660.D
Acq: 19 Jan 2017 16:52

Instrument :
BNA_E
ClientSampleId :
0050

Tgt Ion:178 Resp: 190362

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	16.0	12.2	18.2

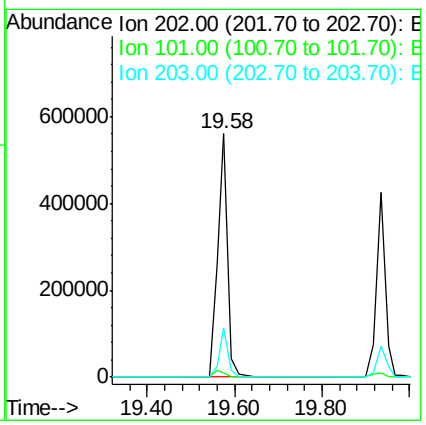


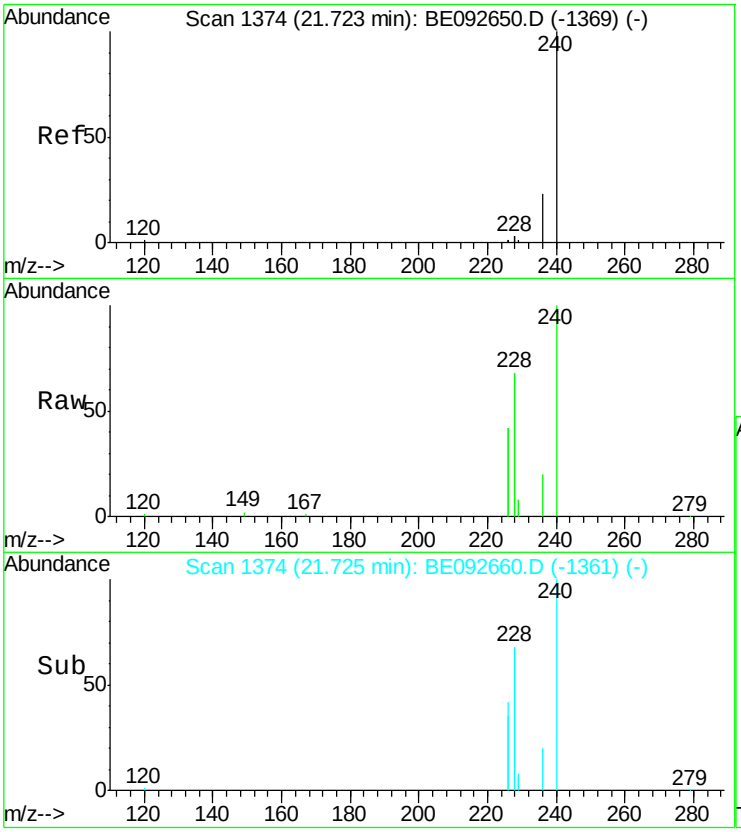


#23
Fluoranthene
Concen: 14.79 ng
RT: 19.58 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BE092660.D
Acq: 19 Jan 2017 16:52

Tgt Ion:202 Resp: 901099

Ion	Ratio	Lower	Upper
202	100		
101	2.9	2.2	3.4
203	17.6	13.7	20.5



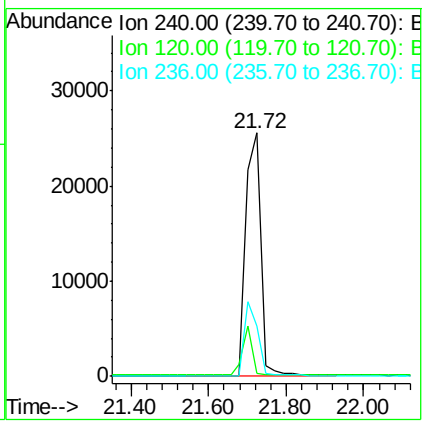


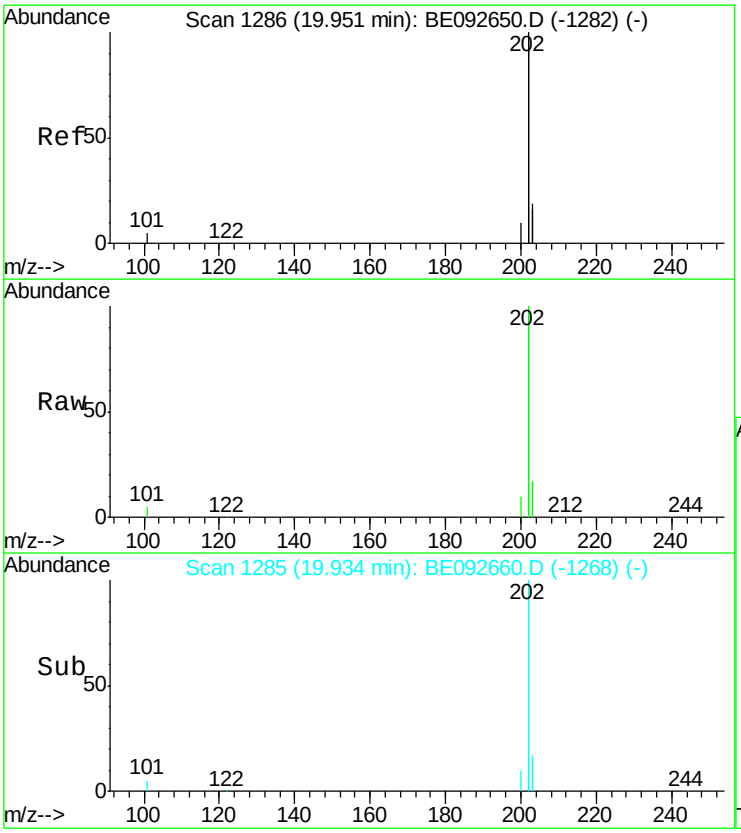
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092660.D
Acq: 19 Jan 2017 16:52

Instrument :
BNA_E
ClientSampleId :
0050

Tgt Ion:240 Resp: 67630

Ion	Ratio	Lower	Upper
240	100		
120	1.3	2.6	4.0#
236	20.4	24.6	37.0#

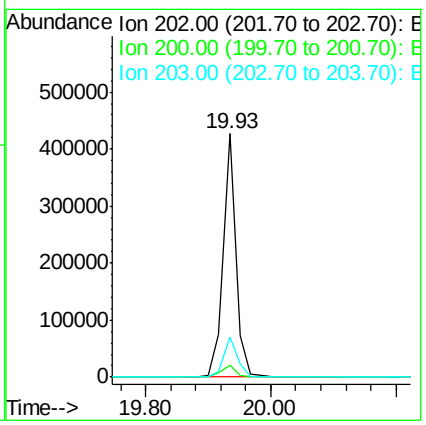


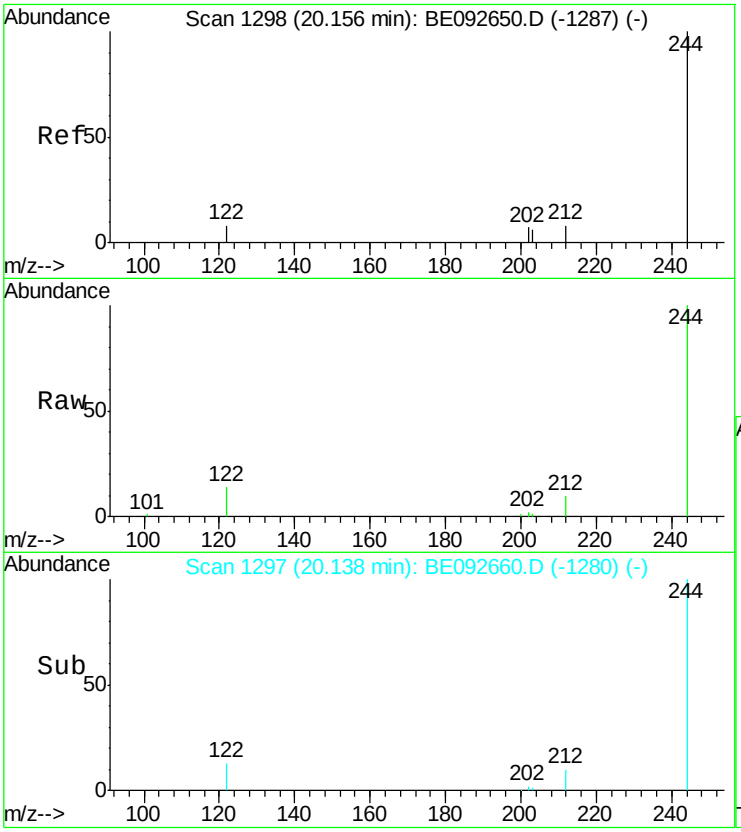


#25
Pyrene
Concen: 8.97 ng
RT: 19.93 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BE092660.D
Acq: 19 Jan 2017 16:52

Tgt Ion:202 Resp: 597743

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	18.3	13.9	20.9



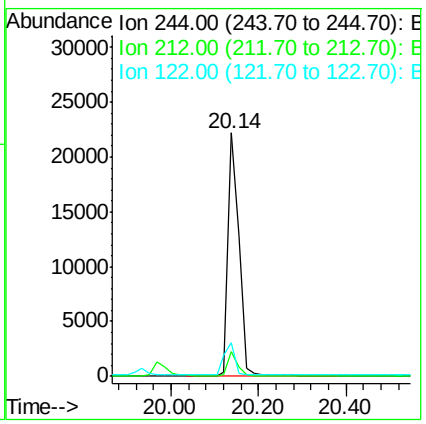


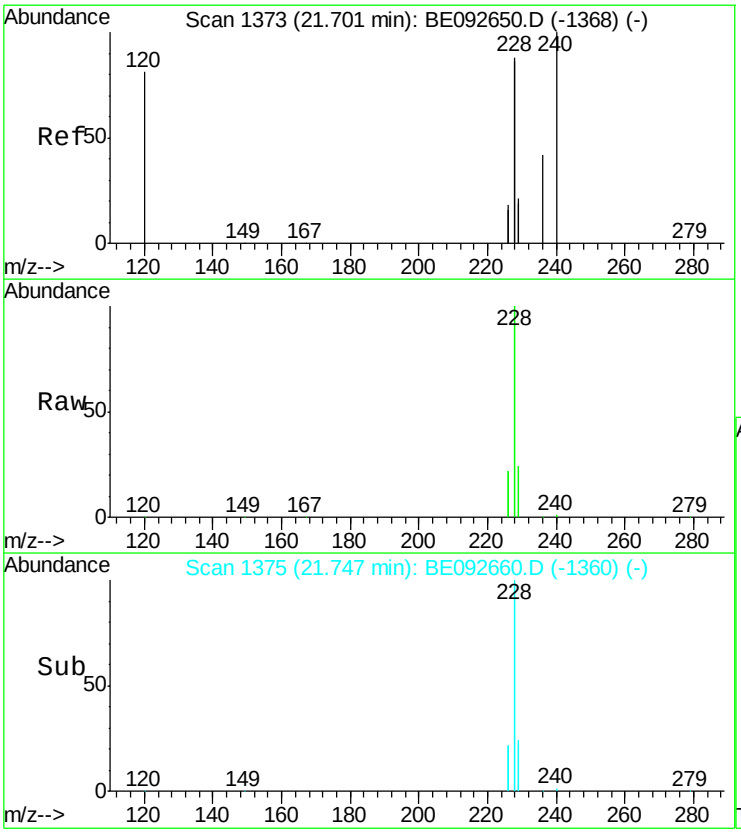
#26
Terphenyl-d14
Concen: 3.94 ng
RT: 20.14 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BE092660.D
Acq: 19 Jan 2017 16:52

Instrument :
BNA_E
ClientSampleId :
0050

Tgt Ion:244 Resp: 37687

Ion	Ratio	Lower	Upper
244	100		
212	10.0	6.7	10.1
122	13.6	3.6	5.4#

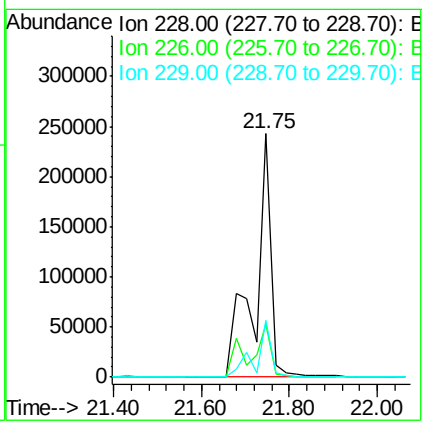


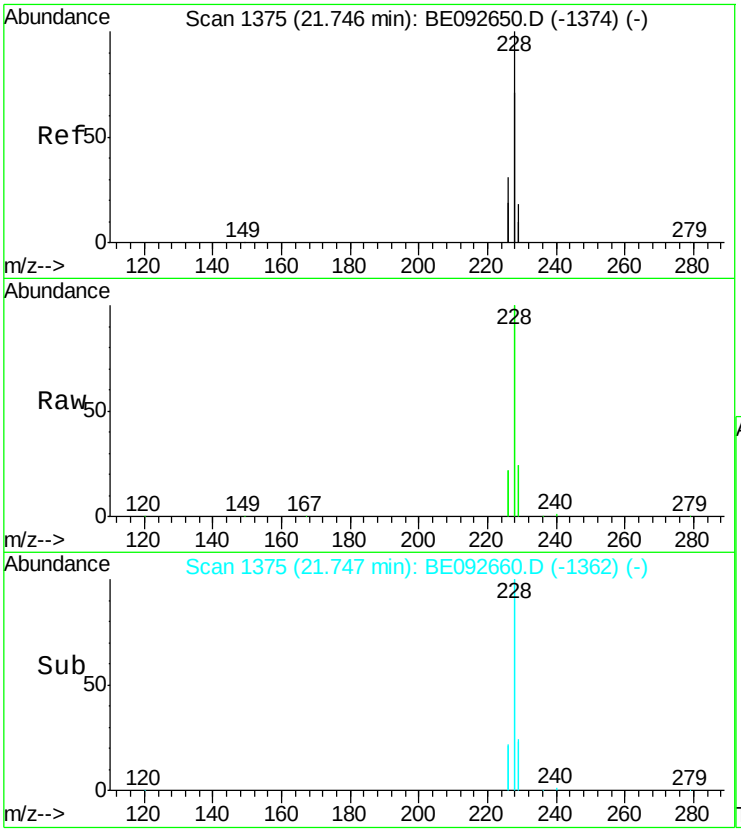


#27
Benzo(a)anthracene
Concen: 9.41 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.05 min
Lab File: BE092660.D
Acq: 19 Jan 2017 16:52

Tgt Ion:228 Resp: 626908

Ion	Ratio	Lower	Upper
228	100		
226	21.9	23.6	35.4#
229	23.5	13.3	19.9#



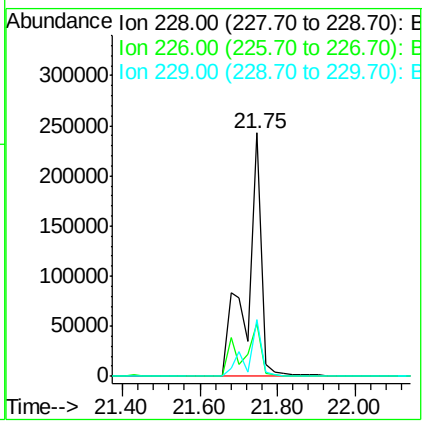


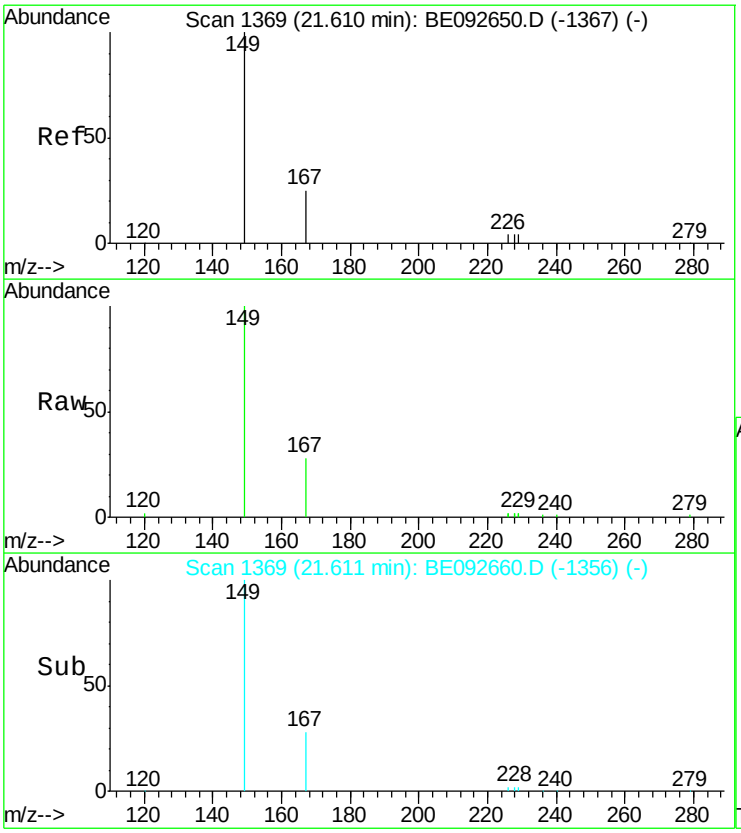
#28
Chrysene
Concen: 8.39 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092660.D
Acq: 19 Jan 2017 16:52

Instrument :
BNA_E
ClientSampleId :
0050

Tgt Ion:228 Resp: 628801

Ion	Ratio	Lower	Upper
228	100		
226	21.9	36.3	54.5#
229	23.5	10.6	16.0#

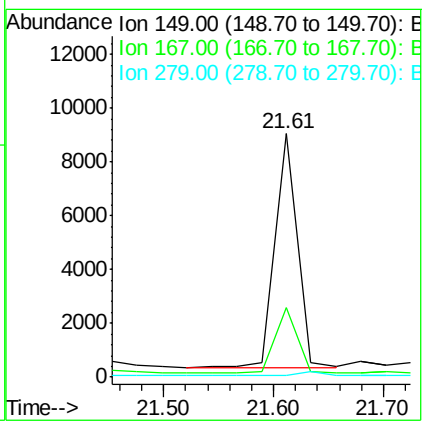


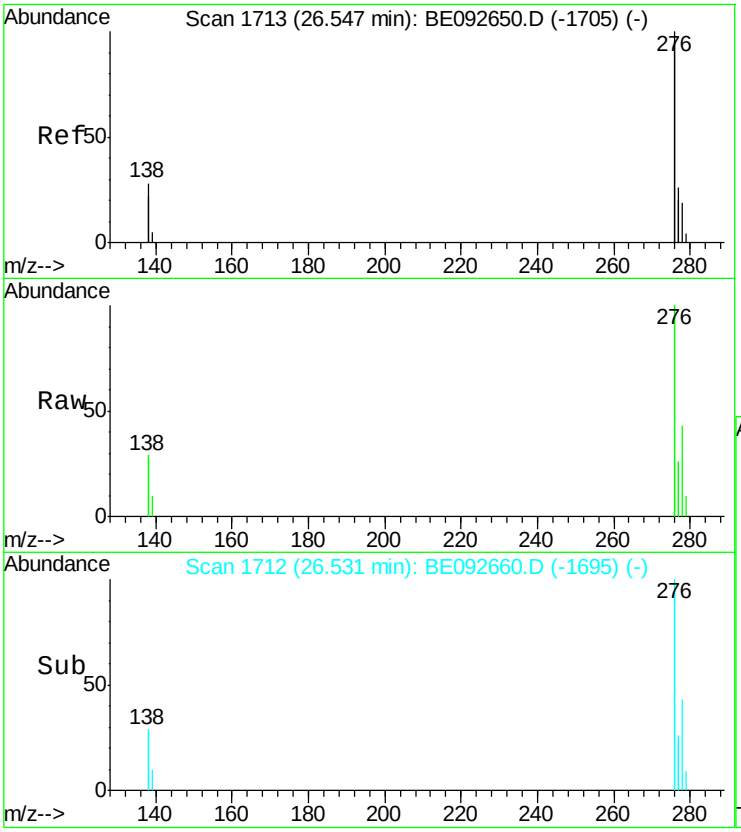


#29
Bis(2-ethylhexyl)phthalate
Concen: 1.11 ng
RT: 21.61 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BE092660.D
Acq: 19 Jan 2017 16:52

Tgt Ion:149 Resp: 12395

Ion	Ratio	Lower	Upper
149	100		
167	27.3	16.0	24.0#
279	0.0	16.0	24.0#



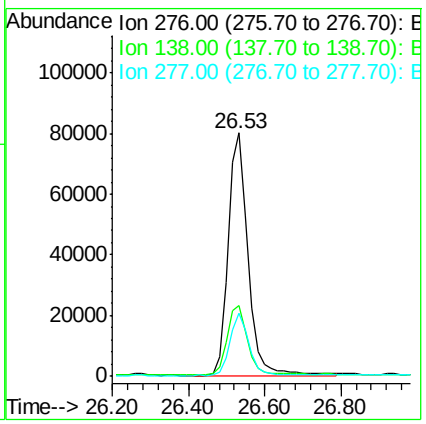


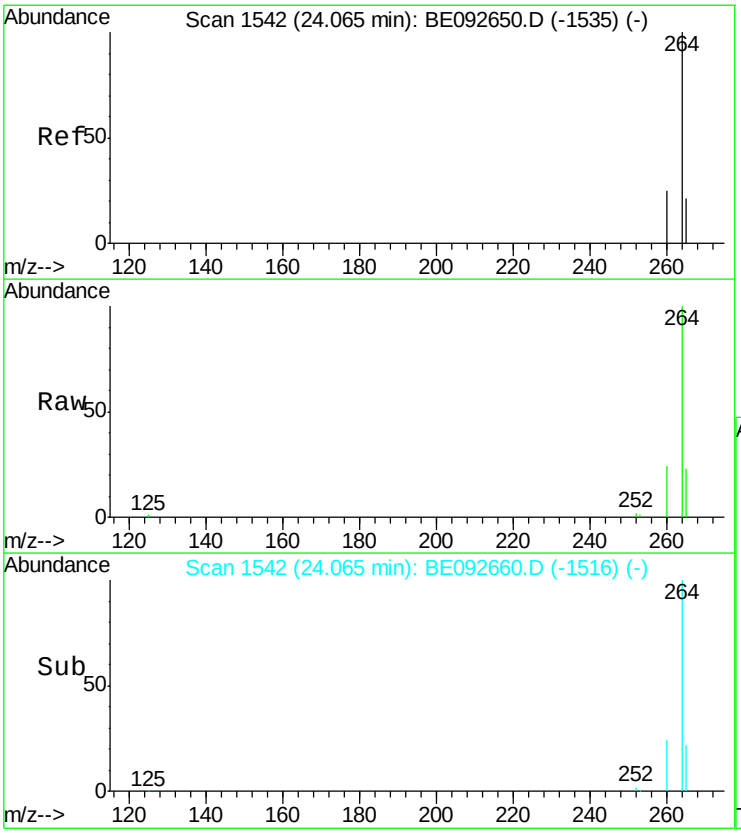
#30
Indeno(1,2,3-cd)pyrene
Concen: 3.61 ng
RT: 26.53 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BE092660.D
Acq: 19 Jan 2017 16:52

Instrument :
BNA_E
ClientSampleId :
0050

Tgt Ion:276 Resp: 292052

Ion	Ratio	Lower	Upper
276	100		
138	29.5	20.3	30.5
277	25.0	19.7	29.5

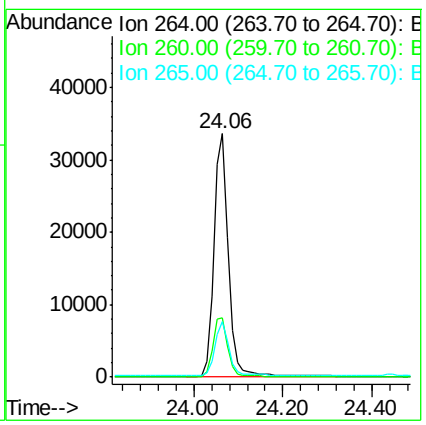


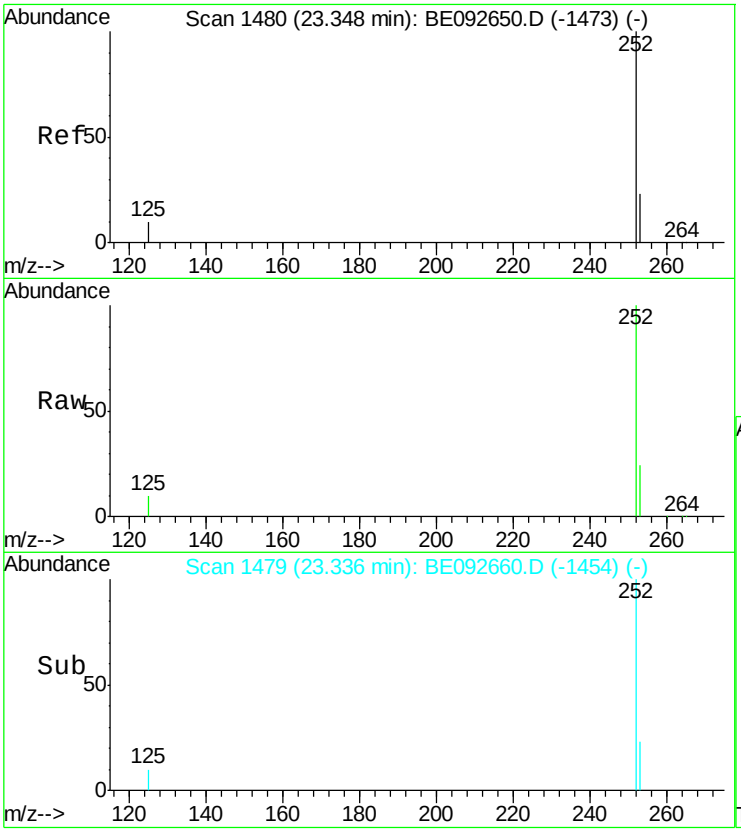


#31
Perylene-d12
Concen: 5.00 ng
RT: 24.06 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BE092660.D
Acq: 19 Jan 2017 16:52

Tgt Ion:264 Resp: 75514

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.1	30.1
265	22.5	17.9	26.9



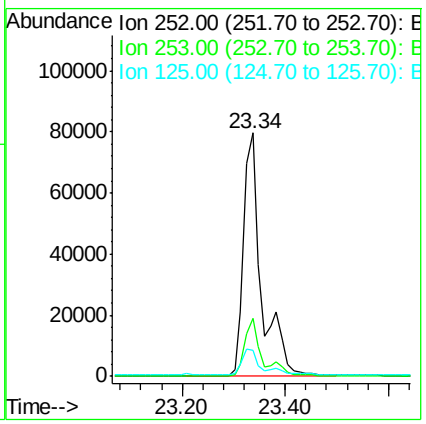


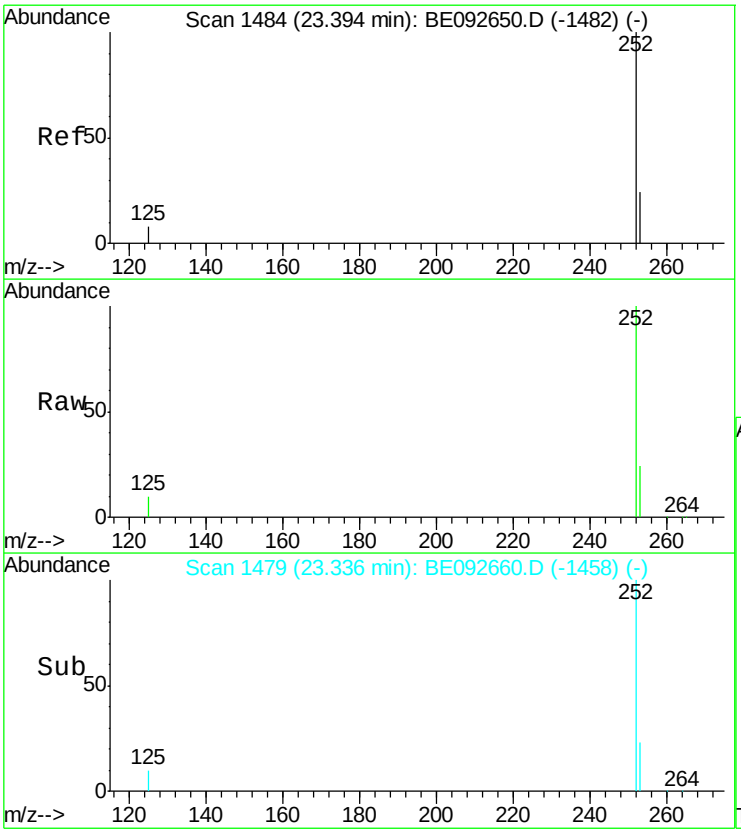
#32
Benzo(b)fluoranthene
Concen: 10.69 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BE092660.D
Acq: 19 Jan 2017 16:52

Instrument :
BNA_E
ClientSampleId :
0050

Tgt Ion:252 Resp: 195206

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.7	28.1
125	10.4	10.5	15.7#

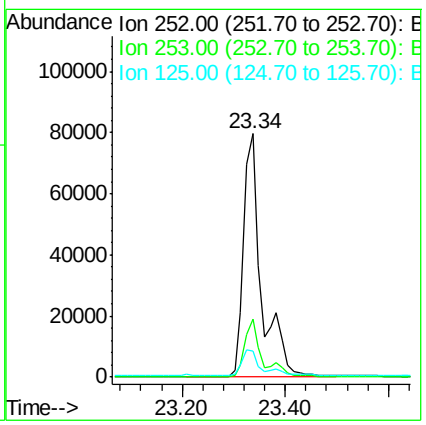


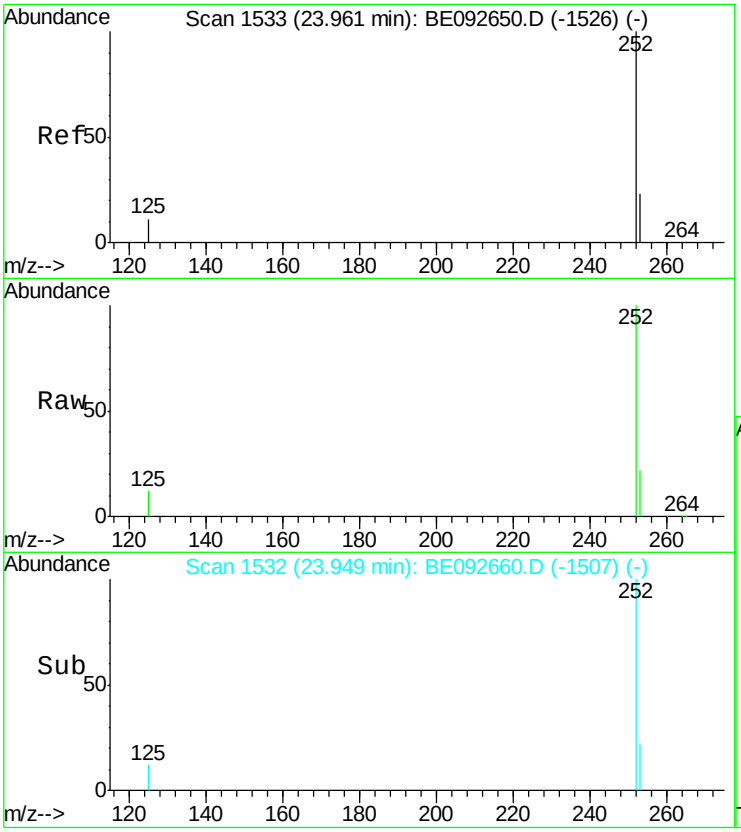


#33
Benzo(k)fluoranthene
Concen: 10.64 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.06 min
Lab File: BE092660.D
Acq: 19 Jan 2017 16:52

Tgt Ion:252 Resp: 195206

Ion	Ratio	Lower	Upper
252	100		
253	23.6	20.3	30.5
125	10.4	9.6	14.4



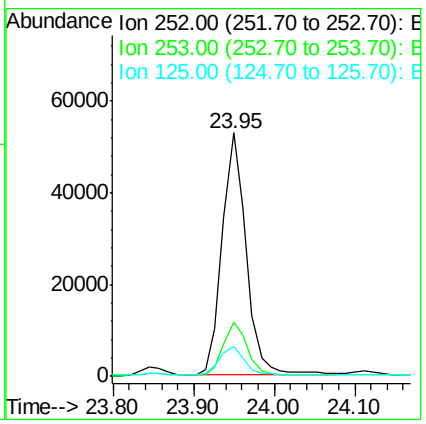


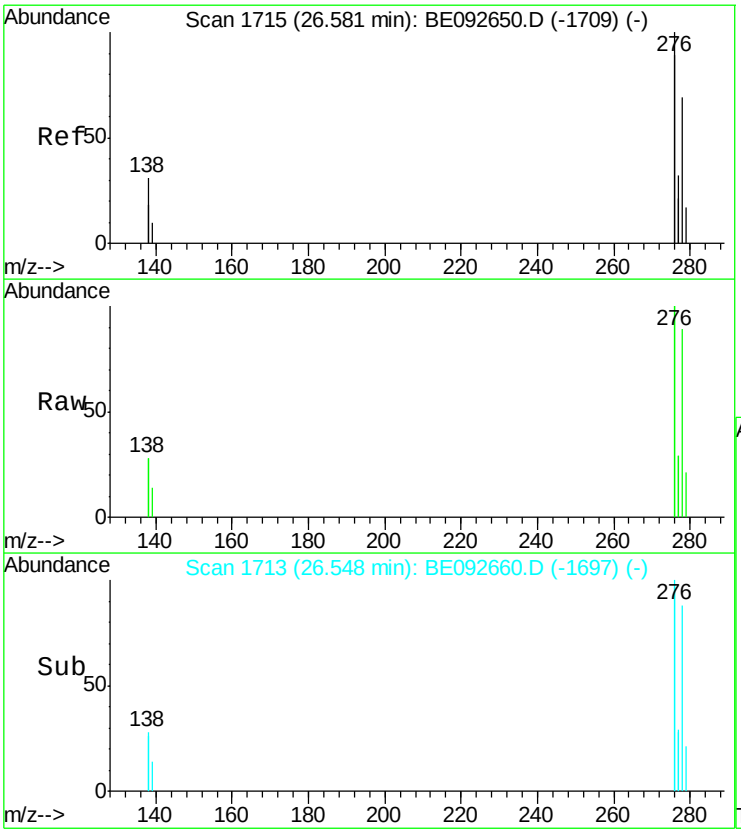
#34
Benzo(a)pyrene
Concen: 6.41 ng
RT: 23.95 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BE092660.D
Acq: 19 Jan 2017 16:52

Instrument :
BNA_E
ClientSampleId :
0050

Tgt Ion:252 Resp: 109953

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.0	28.6
125	12.3	11.8	17.8

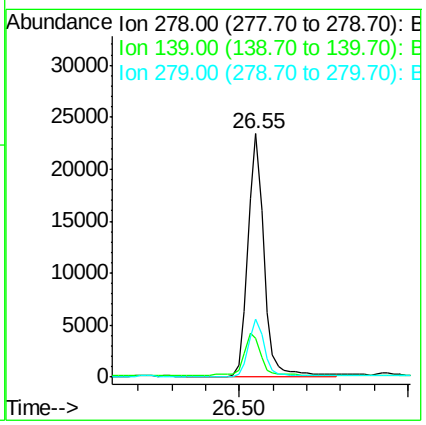


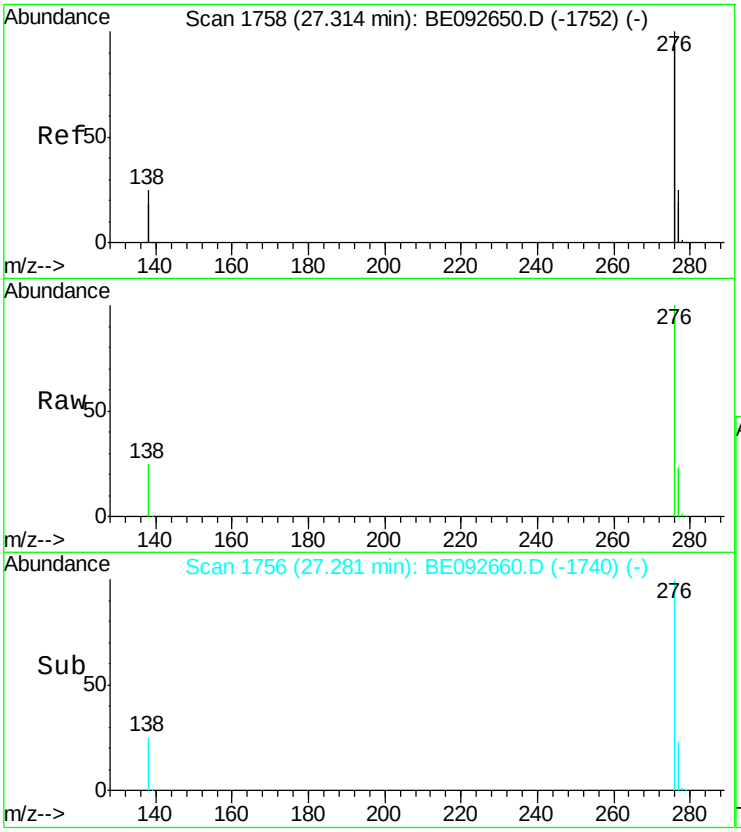


#35
Dibenzo(a,h)anthracene
Concen: 4.65 ng
RT: 26.55 min Scan# 1713
Delta R.T. -0.03 min
Lab File: BE092660.D
Acq: 19 Jan 2017 16:52

Tgt Ion:278 Resp: 78070

Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.8	20.8
279	23.9	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 9.23 ng
RT: 27.28 min Scan# 1756
Delta R.T. -0.03 min
Lab File: BE092660.D
Acq: 19 Jan 2017 16:52

Instrument :
BNA_E
ClientSampleId :
0050

Tgt Ion:276 Resp: 654760

Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.8	29.8
138	25.1	19.8	29.6