Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022017\
Data File : BE092749.D
Acq On : 20 Feb 2017 16:01
Operator : SJ/MA
Sample : I1899-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SS050SS219(0-6)-170216

Quant Time: Feb 20 17:09:57 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE021517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 15 17:05:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	11375	5.00	ng		0.00
7) Naphthalene-d8	10.89	136	54598	5.00	ng		0.00
12) Acenaphthene-d10	14.76	164	32683	5.00	ng		0.00
18) Phenanthrene-d10	17.51	188	72737	5.00	ng		0.00
24) Chrysene-d12	21.70	240	63382	5.00	ng		0.00
31) Perylene-d12	24.02	264	70541	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.62	112	3214	1.45	ng		-0.02
5) Phenol-d6	7.29	99	4610	1.70	ng		-0.02
8) Nitrobenzene-d5	9.32	82	2166	0.66	ng		0.00
13) 2,4,6-Tribromophenol	16.26	330	1004	1.45	ng		-0.02
14) 2-Fluorobiphenyl	13.39	172	6246	0.78	ng		-0.01
26) Terphenyl-d14	20.12	244	7863	0.97	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	37	Below Cal		#	19
3) n-Nitrosodimethylamine	3.81	42	12	0.22	ng	#	1
6) bis(2-Chloroethyl)ether	7.45	93	178	0.06	ng	#	15
9) Naphthalene	10.93	128	295	0.02	ng	#	34
15) Acenaphthylene	14.47	152	3365	0.07	ng		100
16) Acenaphthene	14.81	154	600	0.08	ng		83
17) Fluorene	15.82	166	519	0.06	ng		98
20) Pentachlorophenol	17.23	266	37	0.30	ng	#	76
21) Phenanthrene	17.56	178	14123	0.82	ng		95
22) Anthracene	17.65	178	3957	0.25	ng		98
23) Fluoranthene	19.54	202	205927	2.78	ng		100
25) Pyrene	19.92	202	176191	2.92	ng	#	92
27) Benzo(a)anthracene	21.72	228	190915	3.11	ng	#	89
28) Chrysene	21.72	228	190915	2.62	ng	#	70
29) Bis(2-ethylhexyl)phthalate	21.59	149	3340	0.45	ng	#	73
30) Indeno(1,2,3-cd)pyrene	26.46	276	62947	0.86	ng		95
32) Benzo(b)fluoranthene	23.30	252	46478	2.52	ng		99
33) Benzo(k)fluoranthene	23.30	252	46478	2.36	ng		96
34) Benzo(a)pyrene	23.91	252	20347	1.12	ng		98
35) Dibenzo(a,h)anthracene	26.48	278	3723	0.22	ng	#	87
36) Benzo(g,h,i)perylene	27.23	276	63509	0.86	ng		99

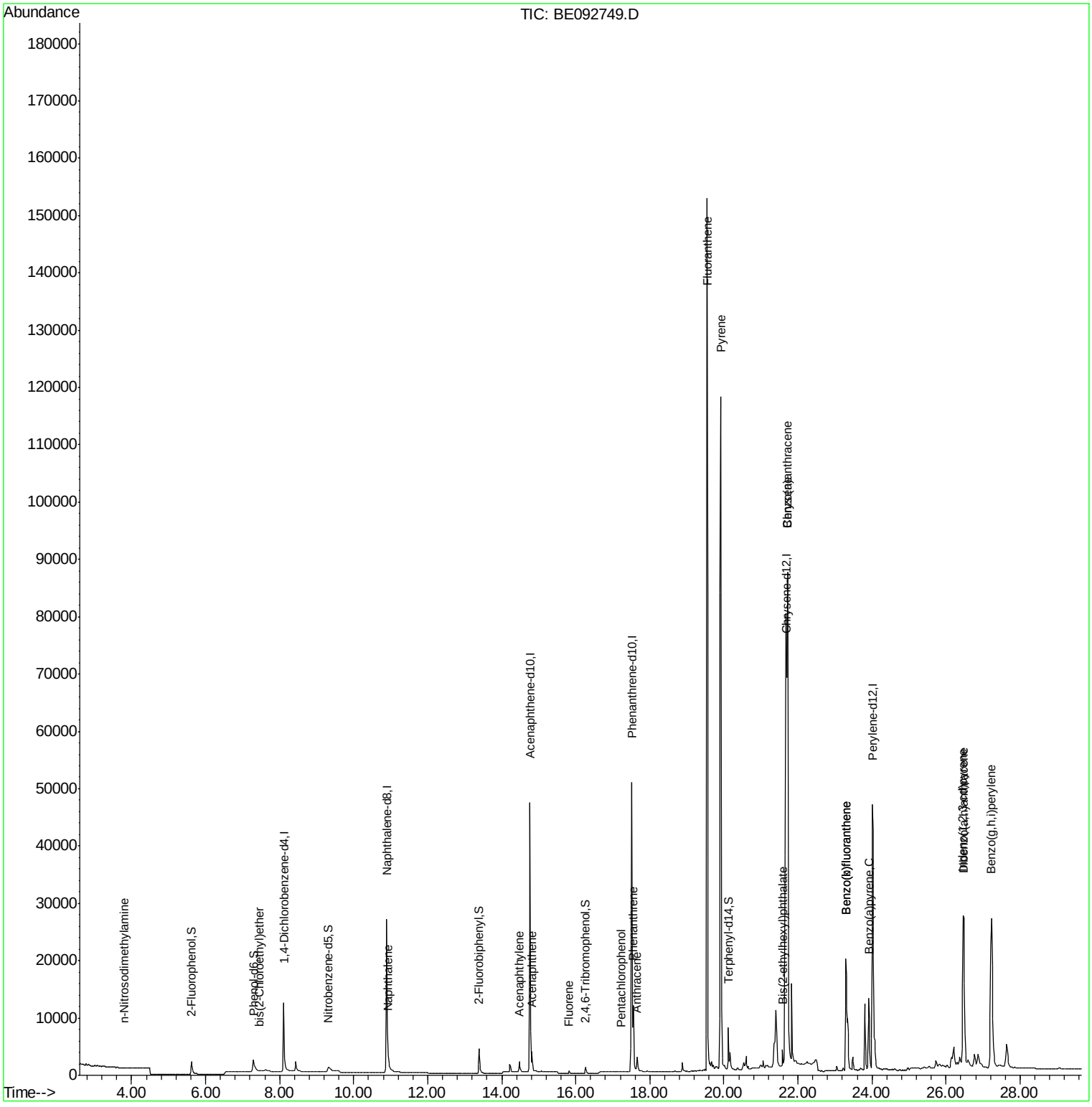
(#) = qualifier out of range (m) = manual integration (+) = signals summed

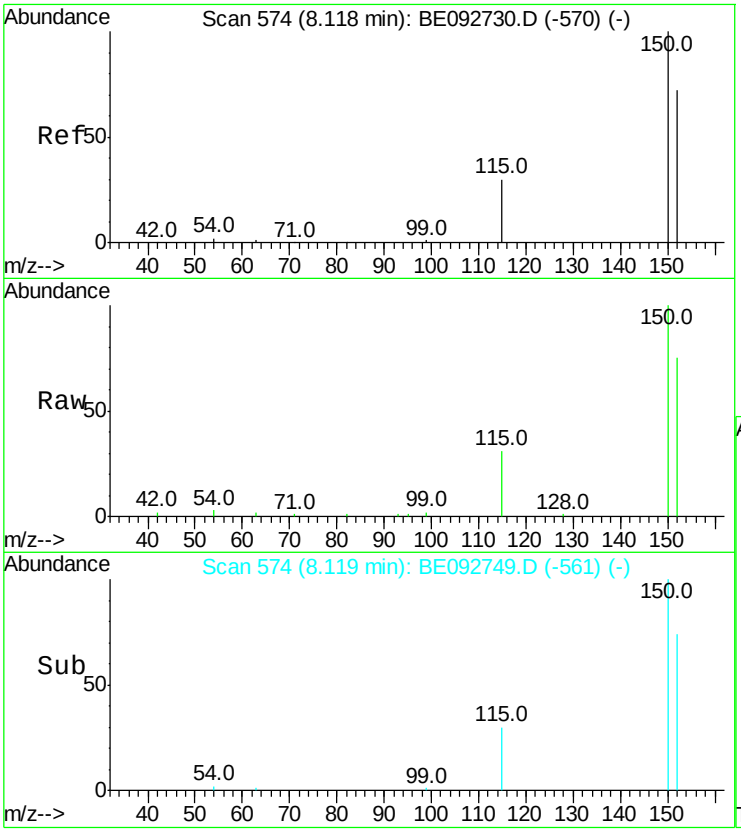
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022017\
Data File : BE092749.D
Acq On : 20 Feb 2017 16:01
Operator : SJ/MA
Sample : I1899-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SS050SS219(0-6)-170216

Quant Time: Feb 20 17:09:57 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE021517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 15 17:05:20 2017
Response via : Initial Calibration



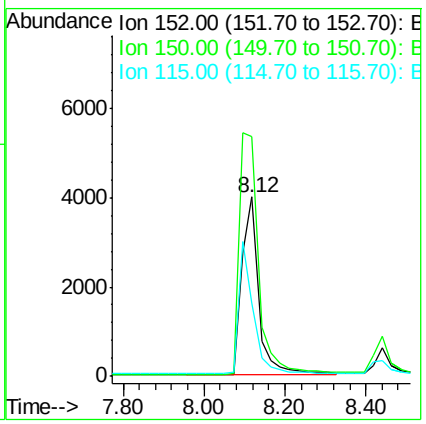


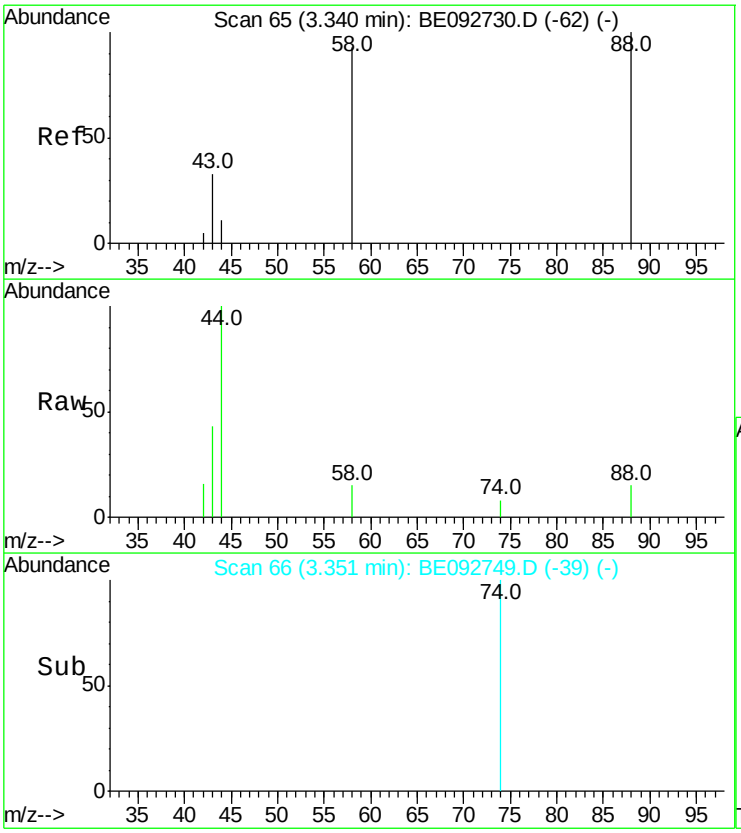
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.12 min Scan# 574
Delta R.T. 0.00 min
Lab File: BE092749.D
Acq: 20 Feb 2017 16:01

Instrument :
BNA_E
ClientSampleId :
SS050SS219(0-6)-170216

Tgt Ion:152 Resp: 11375

Ion	Ratio	Lower	Upper
152	100		
150	134.0	106.0	159.0
115	41.1	31.2	46.8

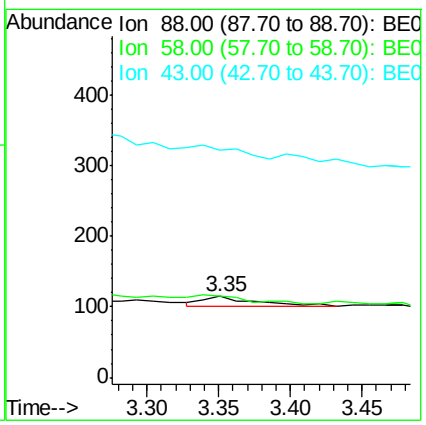


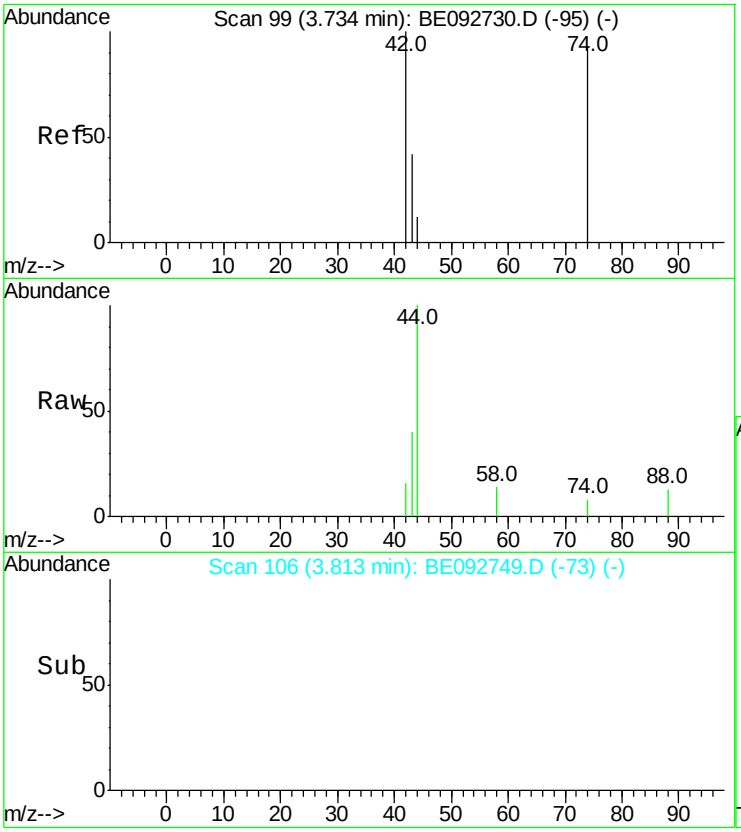


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.35 min Scan# 66
Delta R.T. 0.01 min
Lab File: BE092749.D
Acq: 20 Feb 2017 16:01

Tgt Ion: 88 Resp: 37

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



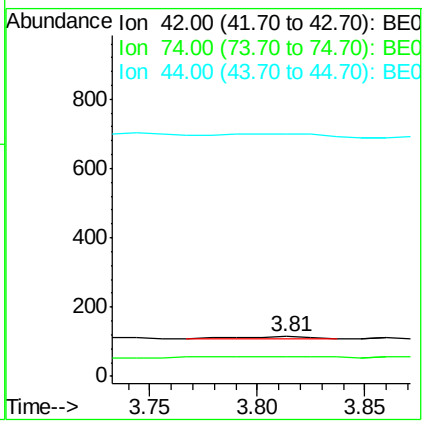


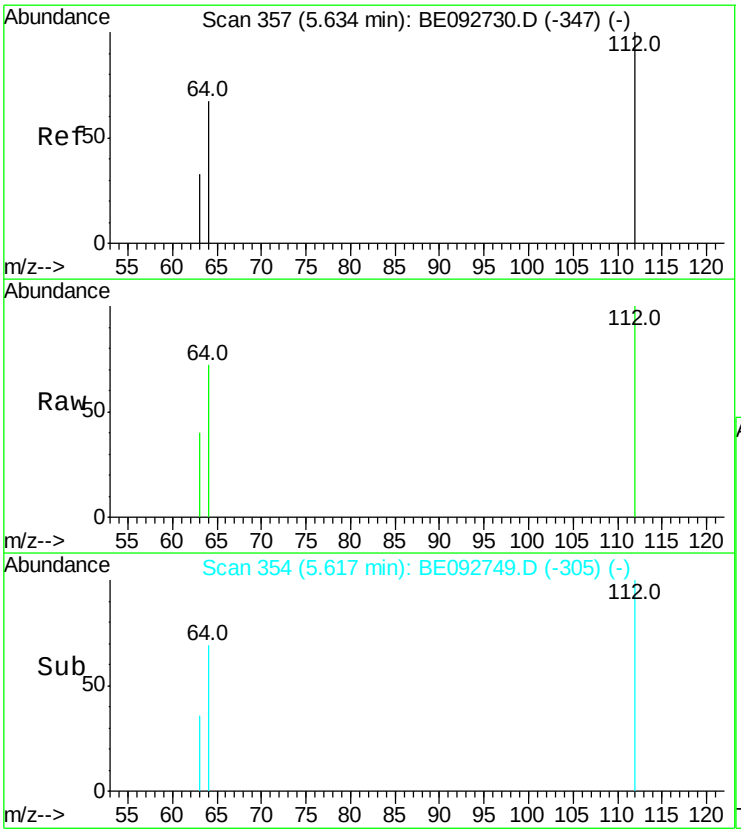
#3
n-Nitrosodimethylamine
Concen: 0.22 ng
RT: 3.81 min Scan# 106
Delta R.T. 0.08 min
Lab File: BE092749.D
Acq: 20 Feb 2017 16:01

Instrument :
BNA_E
ClientSampleId :
SS050SS219(0-6)-170216

Tgt Ion: 42 Resp: 12

Ion	Ratio	Lower	Upper
42	100		
74	0.0	86.0	129.0#
44	283.3	5.1	7.7#

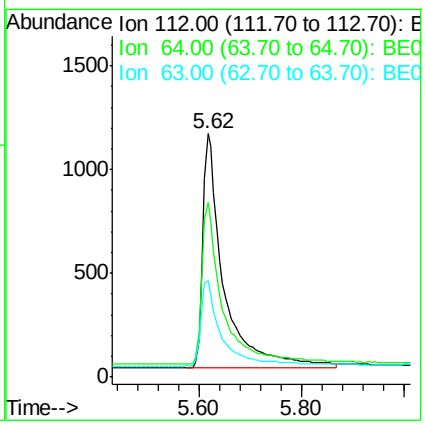


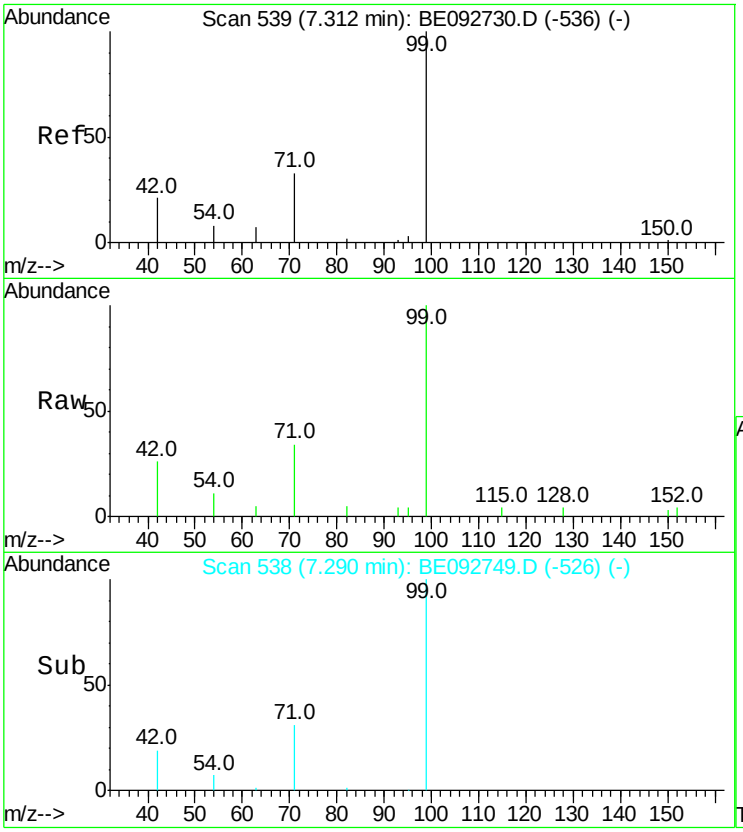


#4
2-Fluorophenol
Concen: 1.45 ng
RT: 5.62 min Scan# 354
Delta R.T. -0.02 min
Lab File: BE092749.D
Acq: 20 Feb 2017 16:01

Tgt Ion:112 Resp: 3214

Ion	Ratio	Lower	Upper
112	100		
64	68.1	53.5	80.3
63	36.5	27.9	41.9



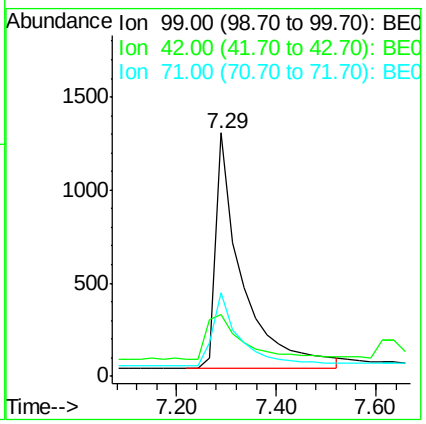


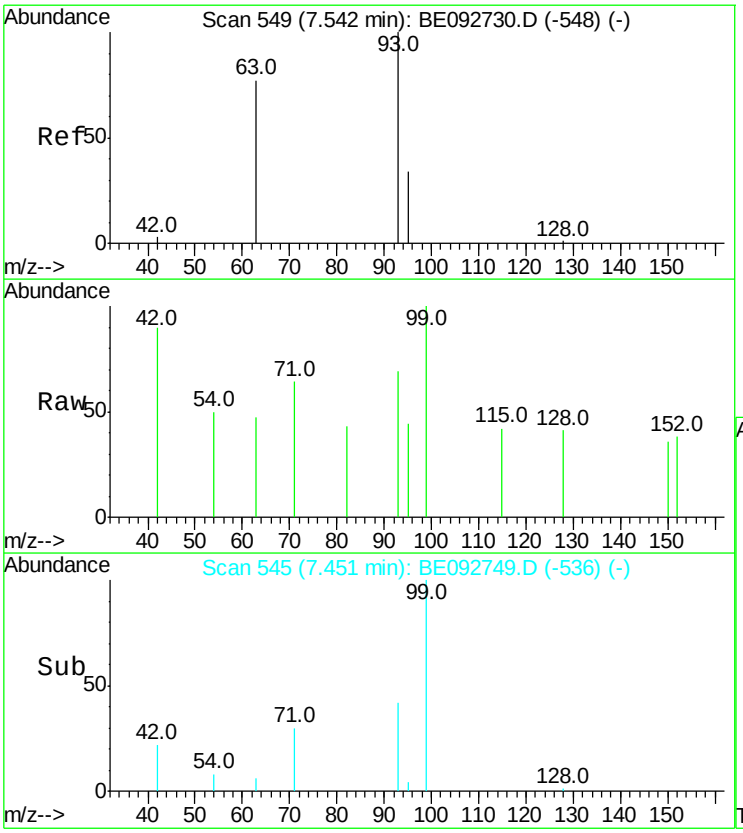
#5
Phenol-d6
Concen: 1.70 ng
RT: 7.29 min Scan# 538
Delta R.T. -0.02 min
Lab File: BE092749.D
Acq: 20 Feb 2017 16:01

Instrument :
BNA_E
ClientSampleId :
SS050SS219(0-6)-170216

Tgt Ion: 99 Resp: 4610

Ion	Ratio	Lower	Upper
99	100		
42	25.6	16.0	24.0#
71	34.2	30.6	45.8

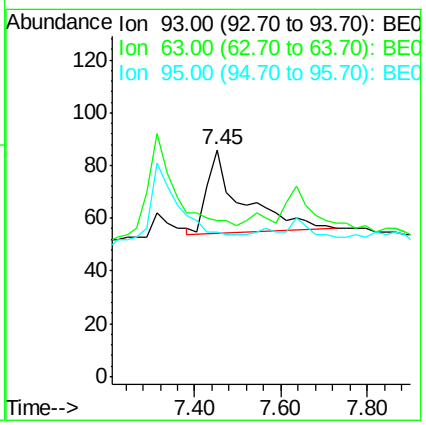


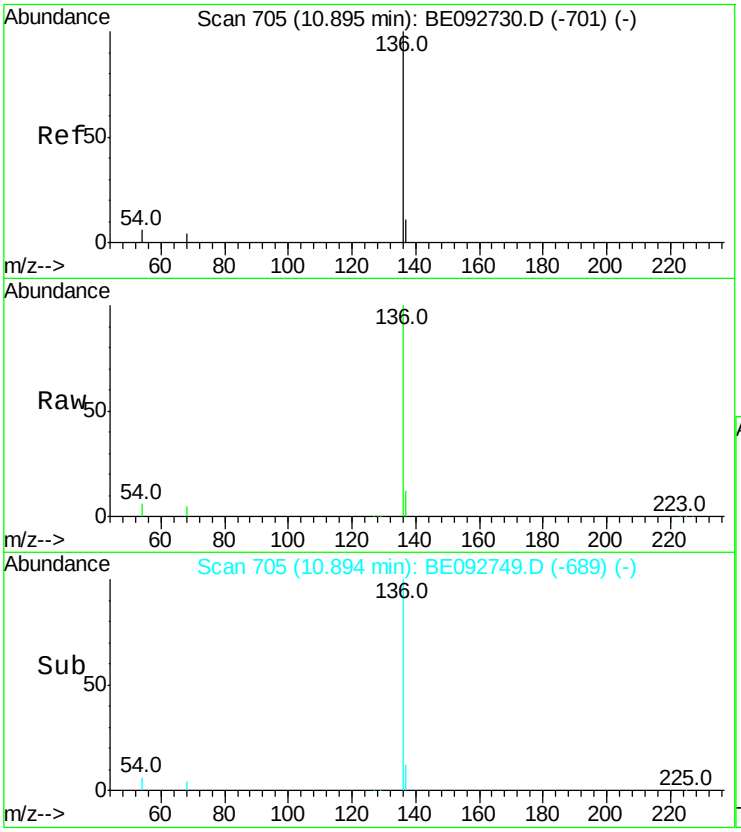


#6
bis(2-Chloroethyl)ether
Concen: 0.06 ng
RT: 7.45 min Scan# 545
Delta R.T. -0.09 min
Lab File: BE092749.D
Acq: 20 Feb 2017 16:01

Tgt Ion: 93 Resp: 178

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



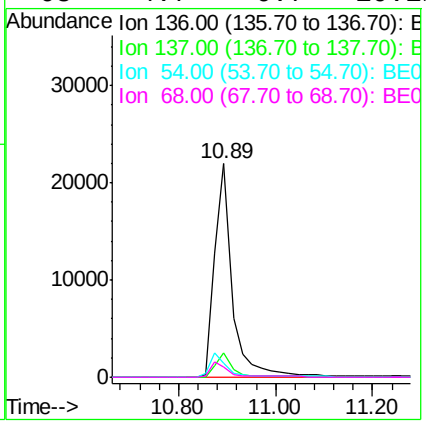


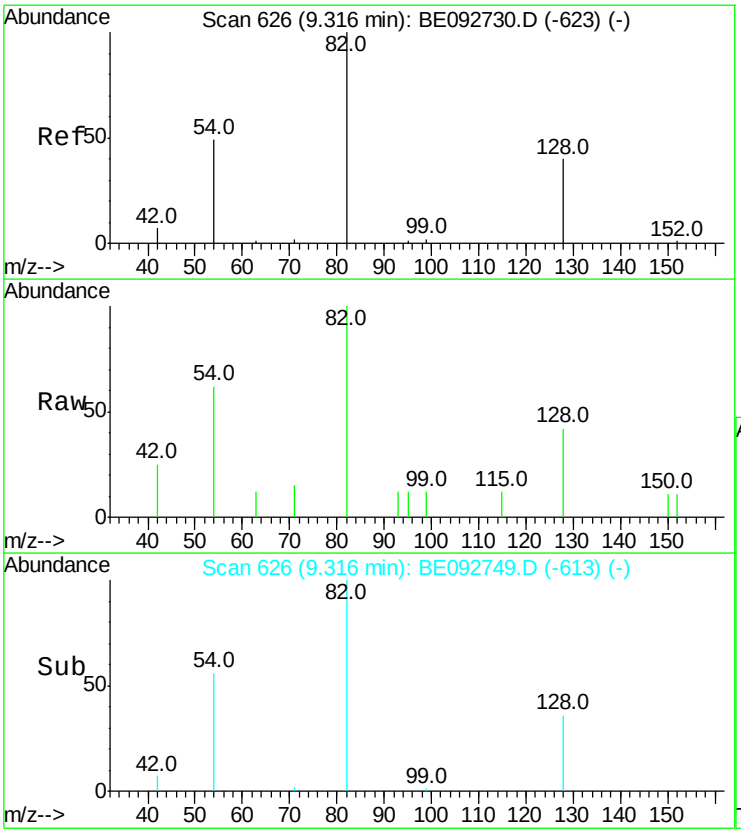
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.89 min Scan# 705
Delta R.T. -0.00 min
Lab File: BE092749.D
Acq: 20 Feb 2017 16:01

Instrument :
BNA_E
ClientSampleId :
SS050SS219(0-6)-170216

Tgt Ion:136 Resp: 54598

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.2	12.4
54	6.4	9.6	14.4#
68	4.7	6.7	10.1#

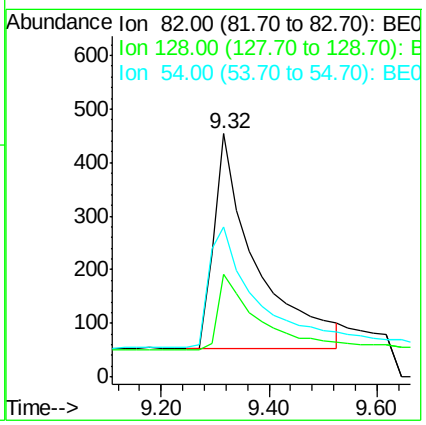


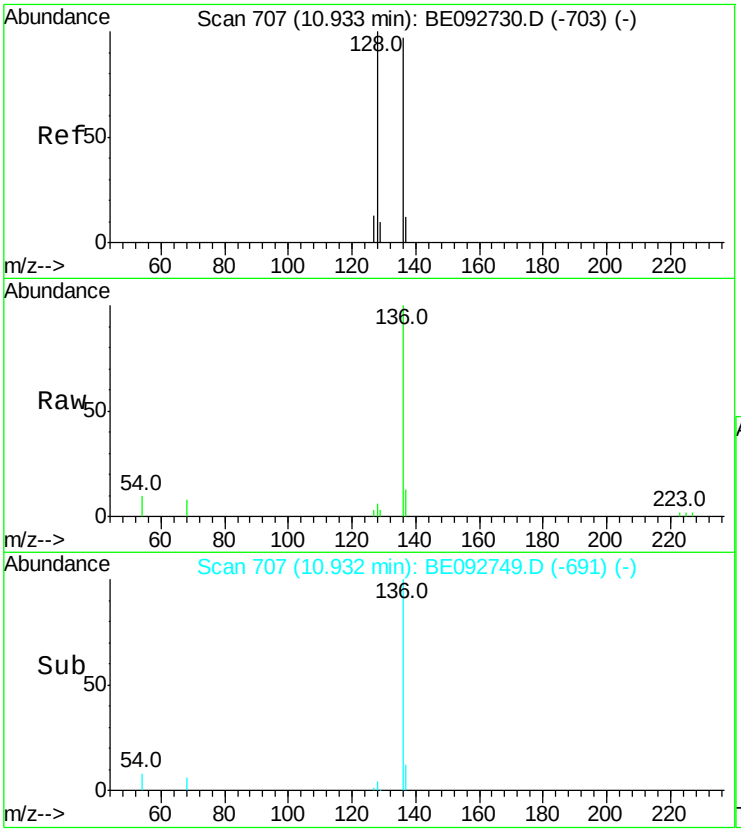


#8
Nitrobenzene-d5
Concen: 0.66 ng
RT: 9.32 min Scan# 626
Delta R.T. 0.00 min
Lab File: BE092749.D
Acq: 20 Feb 2017 16:01

Tgt Ion: 82 Resp: 2166

Ion	Ratio	Lower	Upper
82	100		
128	42.3	39.0	58.4
54	61.7	44.8	67.2



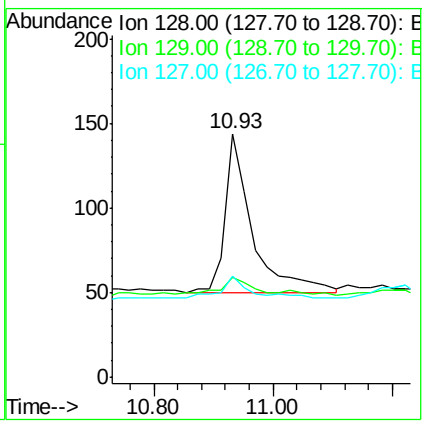


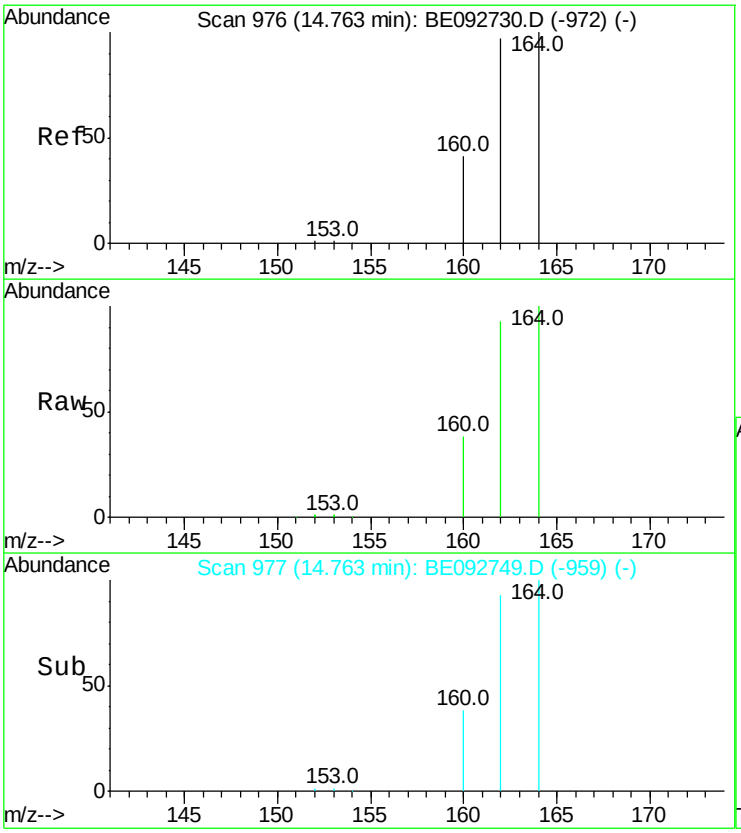
#9
Naphthalene
Concen: 0.02 ng
RT: 10.93 min Scan# 707
Delta R.T. -0.00 min
Lab File: BE092749.D
Acq: 20 Feb 2017 16:01

Instrument :
BNA_E
ClientSampleId :
SS050SS219(0-6)-170216

Tgt Ion:128 Resp: 295

Ion	Ratio	Lower	Upper
128	100		
129	41.0	11.2	16.8#
127	41.7	11.6	17.4#

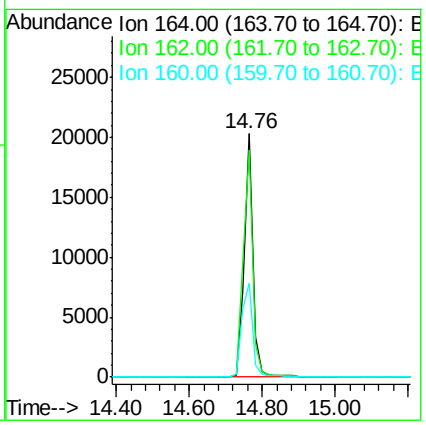


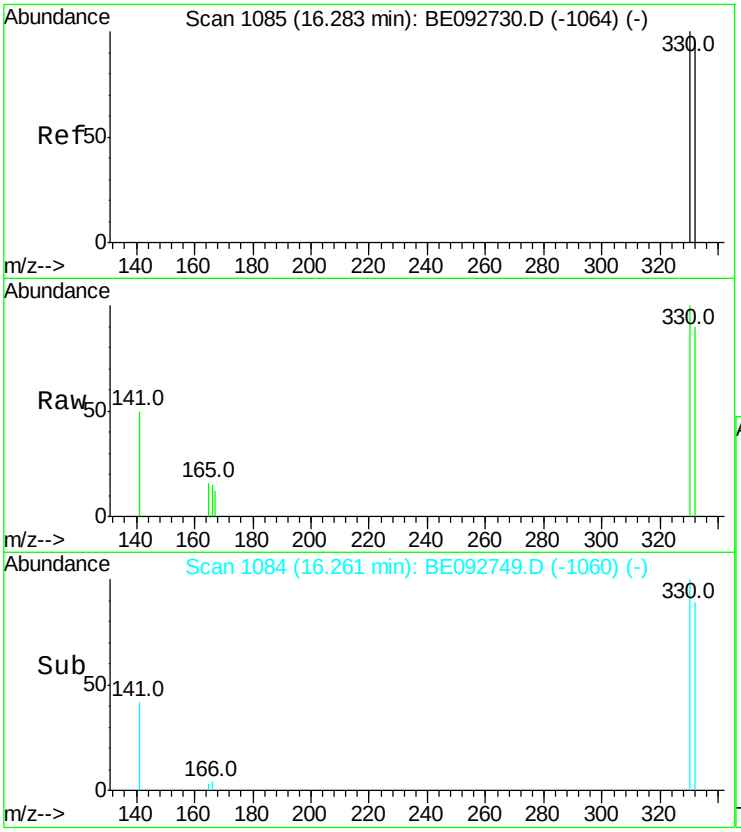


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.76 min Scan# 977
Delta R.T. 0.00 min
Lab File: BE092749.D
Acq: 20 Feb 2017 16:01

Tgt Ion:164 Resp: 32683

Ion	Ratio	Lower	Upper
164	100		
162	93.1	71.4	107.0
160	38.4	27.4	41.2



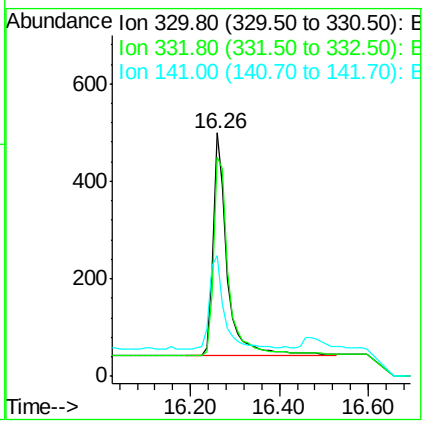


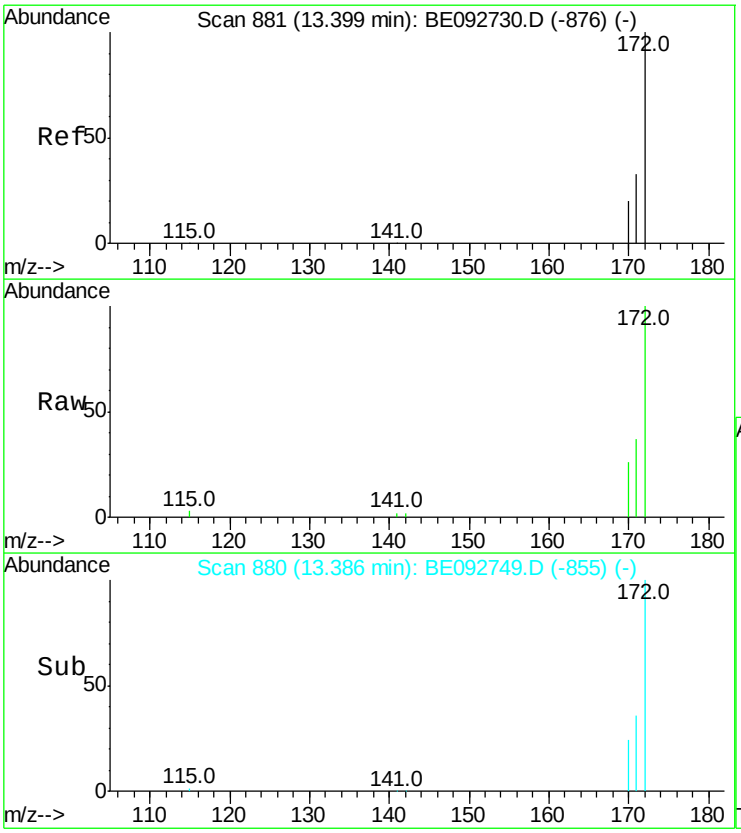
#13
2,4,6-Tribromophenol
Concen: 1.45 ng
RT: 16.26 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BE092749.D
Acq: 20 Feb 2017 16:01

Instrument :
BNA_E
ClientSampleId :
SS050SS219(0-6)-170216

Tgt Ion:330 Resp: 1004

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.4	113.0
141	43.7	31.0	46.6

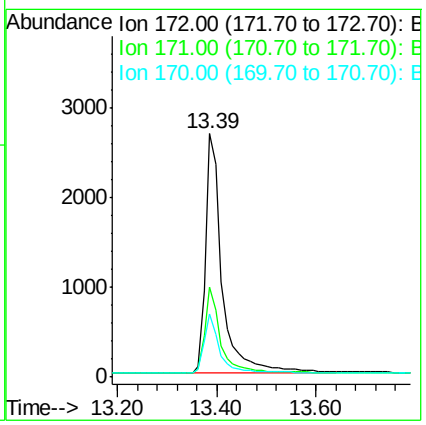


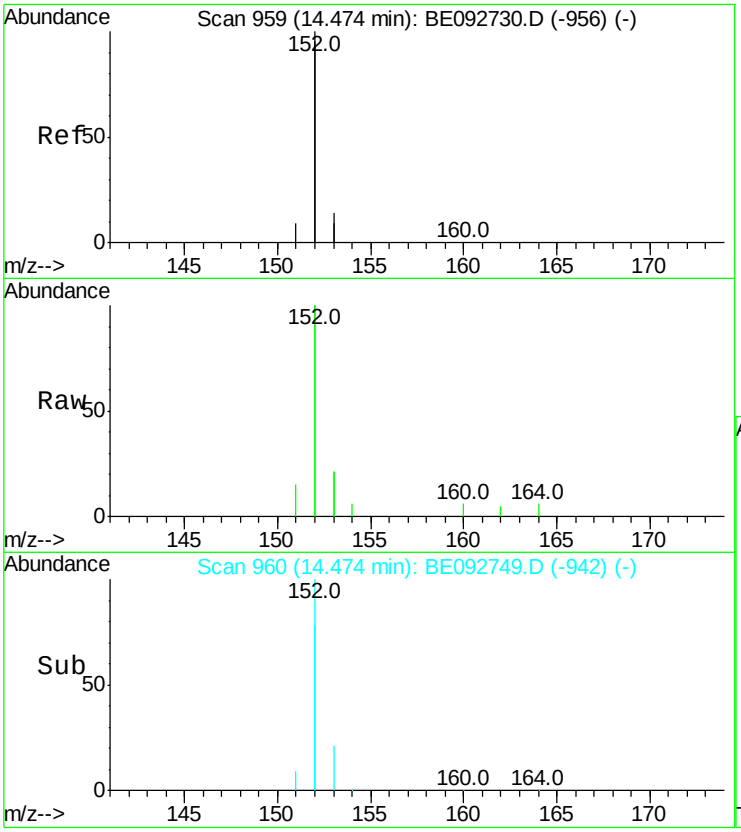


#14
2-Fluorobiphenyl
Concen: 0.78 ng
RT: 13.39 min Scan# 880
Delta R.T. -0.01 min
Lab File: BE092749.D
Acq: 20 Feb 2017 16:01

Tgt Ion:172 Resp: 6246

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.1	45.1
170	25.7	21.8	32.6



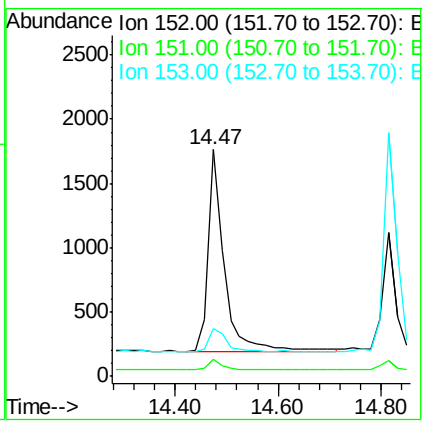


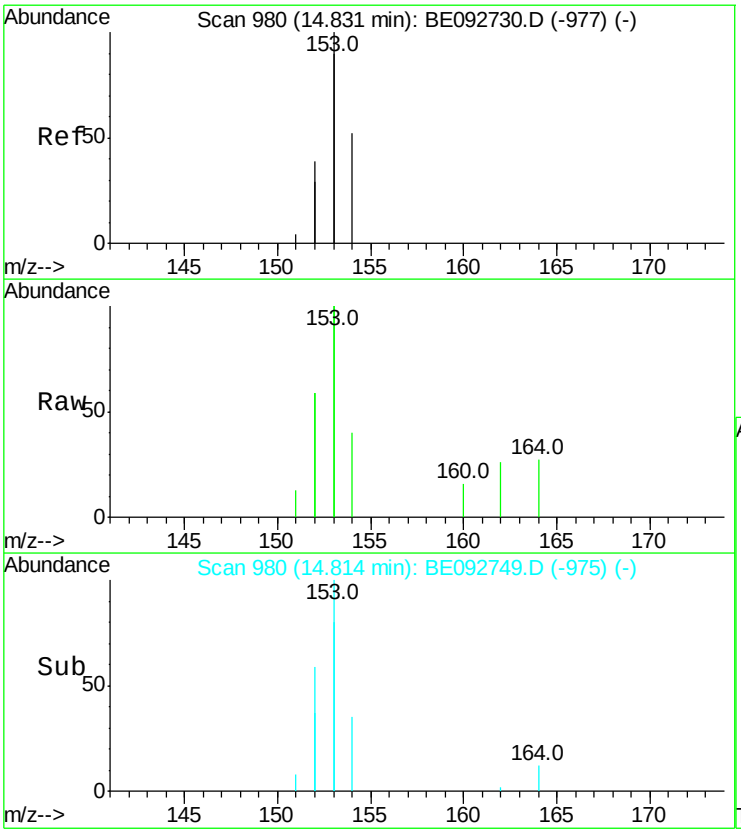
#15
Acenaphthylene
Concen: 0.07 ng
RT: 14.47 min Scan# 960
Delta R.T. 0.00 min
Lab File: BE092749.D
Acq: 20 Feb 2017 16:01

Instrument :
BNA_E
ClientSampleId :
SS050SS219(0-6)-170216

Tgt Ion:152 Resp: 3365

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	12.9	10.4	15.6

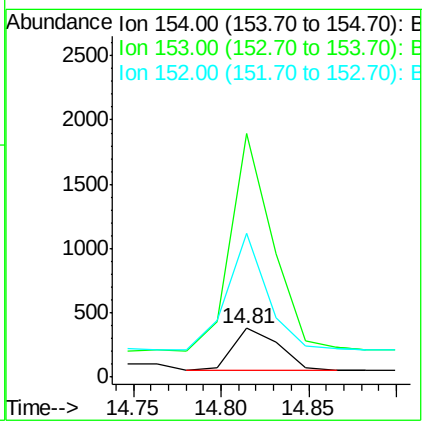


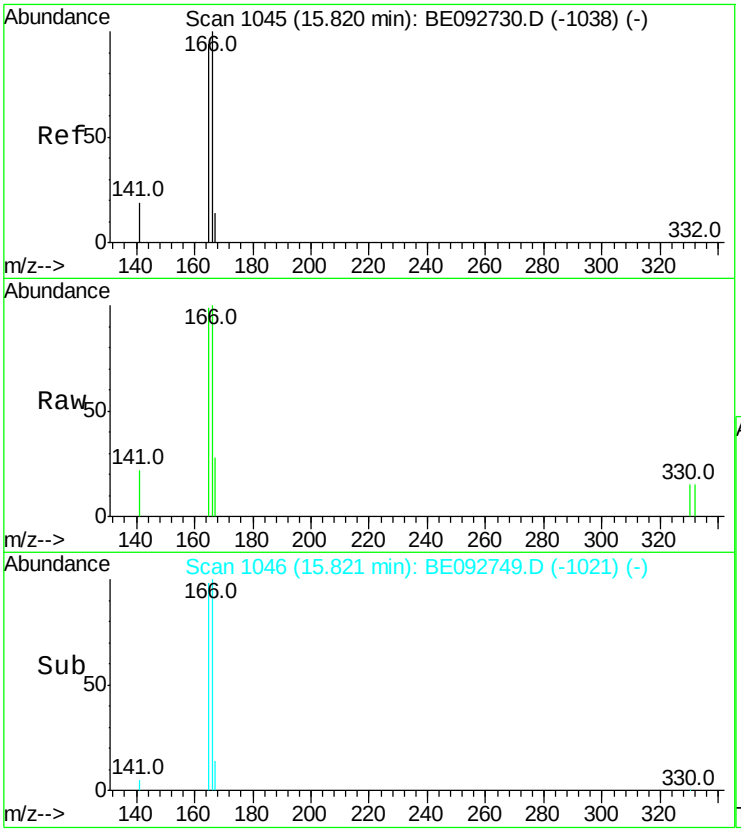


#16
Acenaphthene
Concen: 0.08 ng
RT: 14.81 min Scan# 980
Delta R.T. -0.02 min
Lab File: BE092749.D
Acq: 20 Feb 2017 16:01

Tgt Ion:154 Resp: 600

Ion	Ratio	Lower	Upper
154	100		
153	478.3	350.8	526.2
152	245.3	171.1	256.7



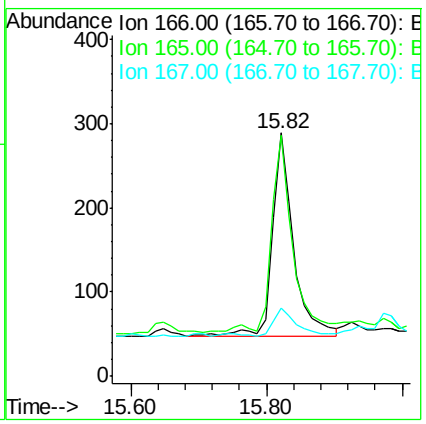


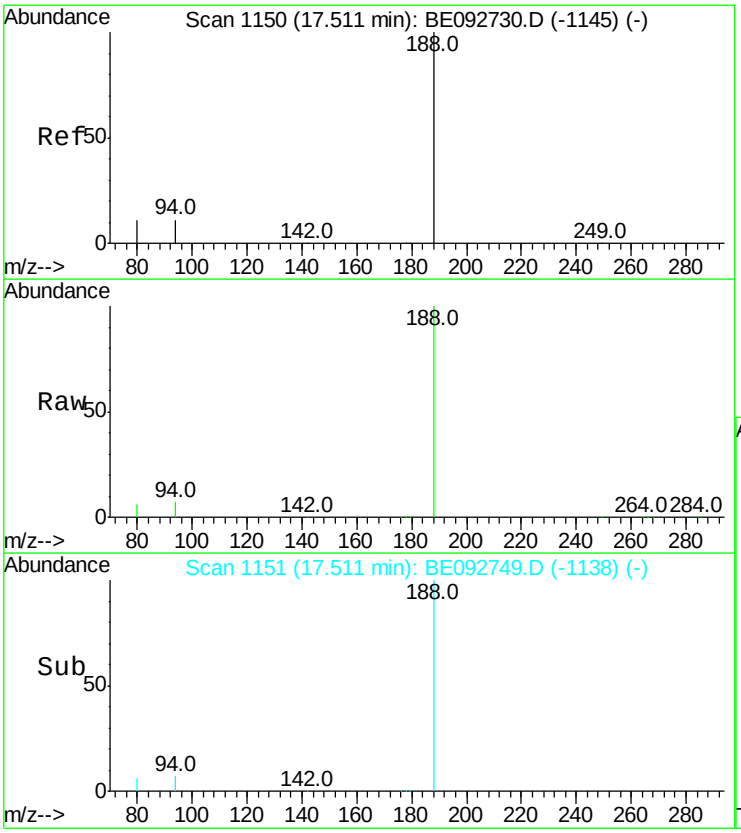
#17
Fluorene
Concen: 0.06 ng
RT: 15.82 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BE092749.D
Acq: 20 Feb 2017 16:01

Instrument :
BNA_E
ClientSampleId :
SS050SS219(0-6)-170216

Tgt Ion:166 Resp: 519

Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.2	117.4
167	15.6	11.0	16.4

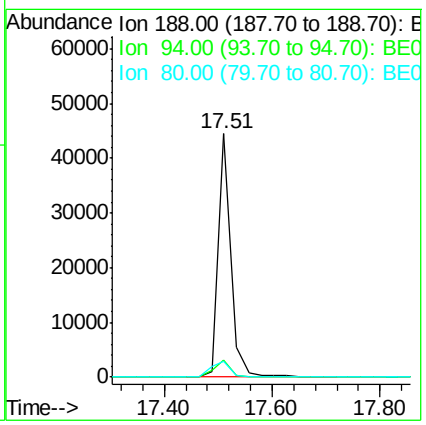


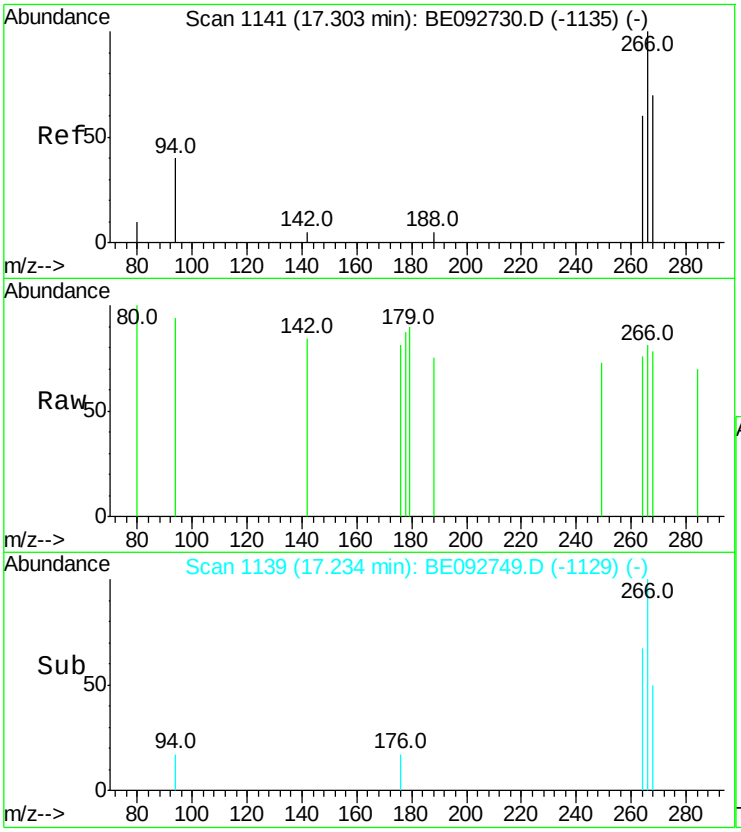


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.51 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BE092749.D
Acq: 20 Feb 2017 16:01

Tgt Ion:188 Resp: 72737

Ion	Ratio	Lower	Upper
188	100		
94	7.1	3.2	4.8#
80	6.5	2.6	3.8#



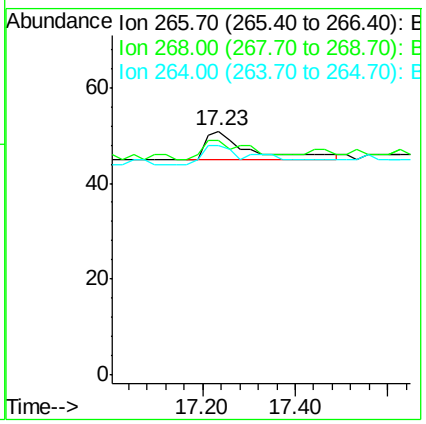


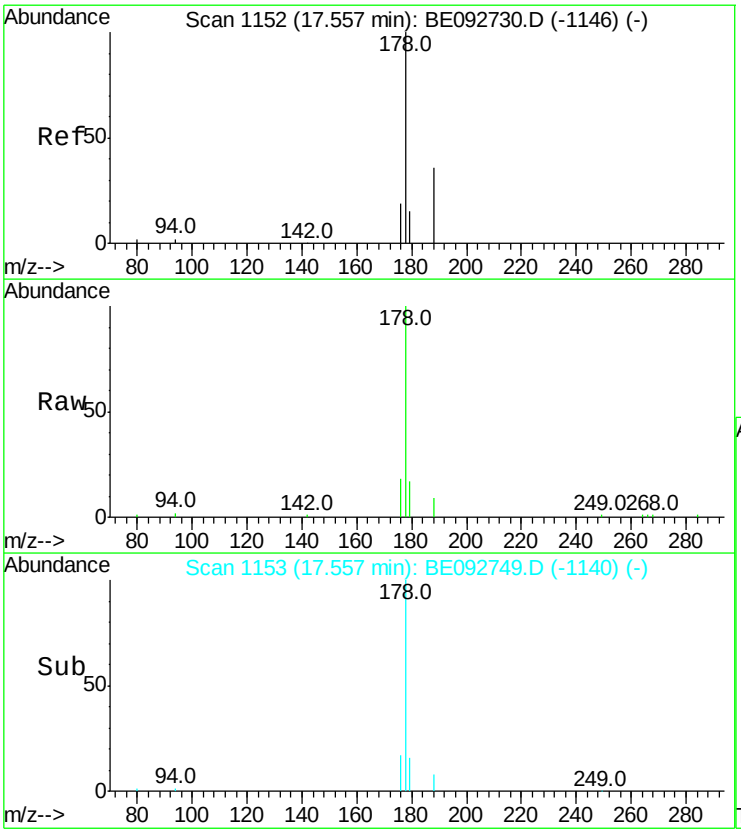
#20
Pentachlorophenol
Concen: 0.30 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.07 min
Lab File: BE092749.D
Acq: 20 Feb 2017 16:01

Instrument :
BNA_E
ClientSampleId :
SS050SS219(0-6)-170216

Tgt Ion:266 Resp: 37

Ion	Ratio	Lower	Upper
266	100		
268	96.1	62.5	93.7#
264	94.1	57.2	85.8#

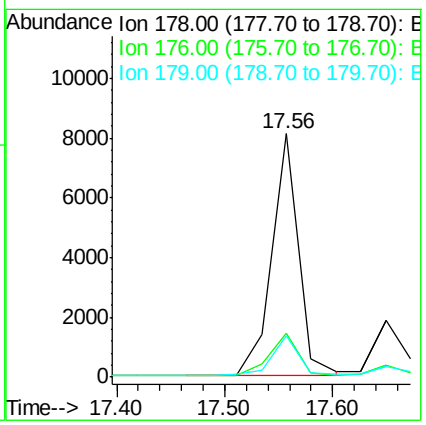


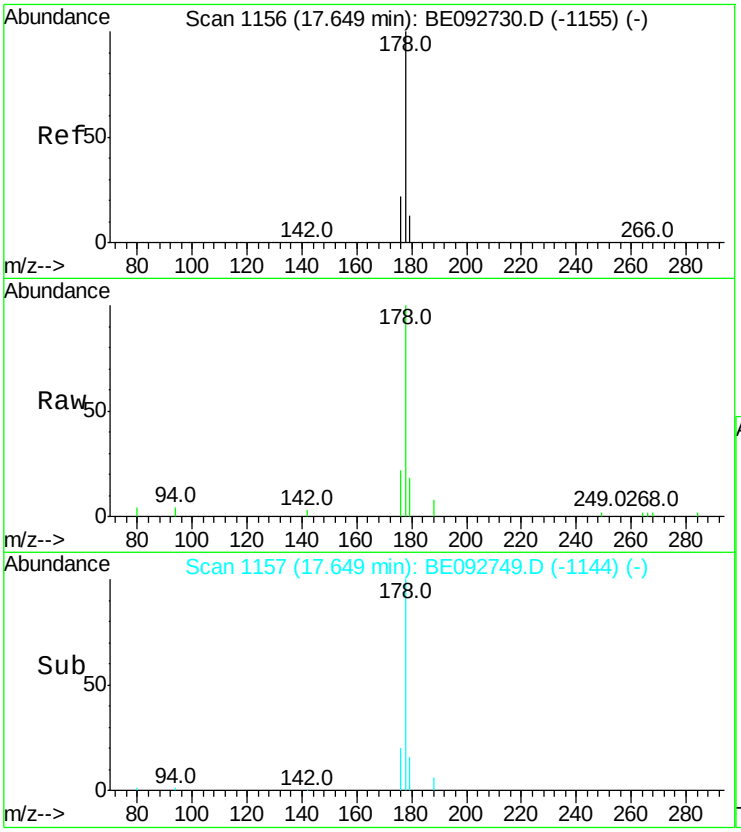


#21
Phenanthrene
Concen: 0.82 ng
RT: 17.56 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE092749.D
Acq: 20 Feb 2017 16:01

Tgt Ion:178 Resp: 14123

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	16.2	16.0	24.0



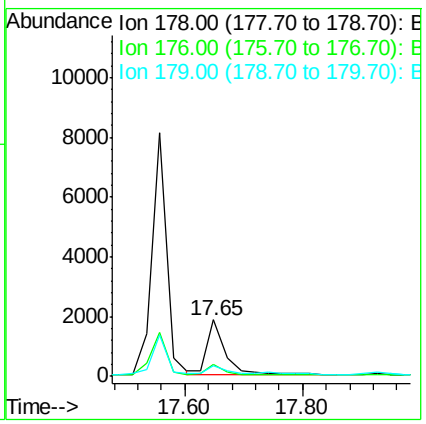


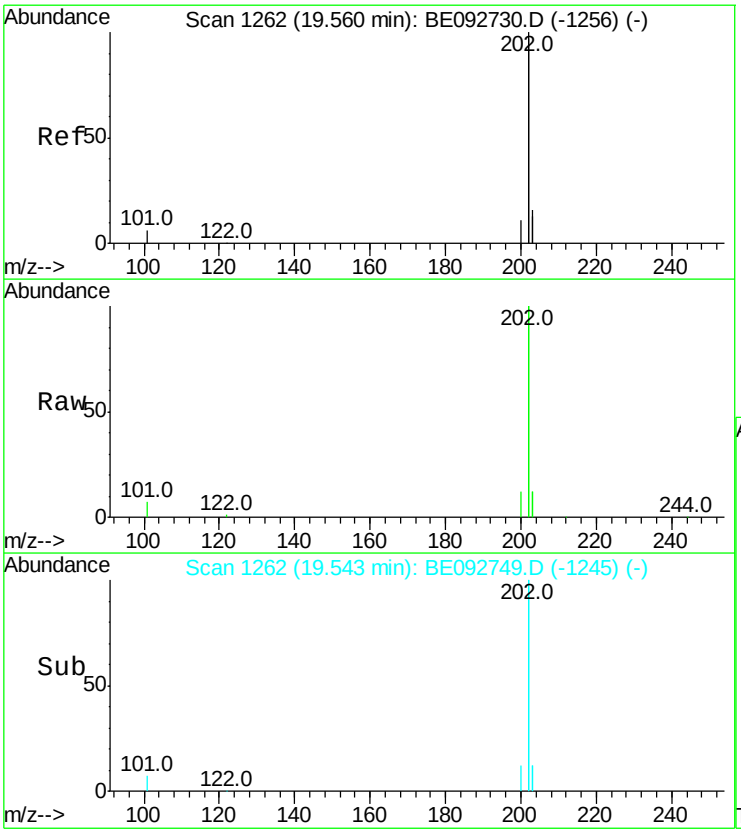
#22
Anthracene
Concen: 0.25 ng
RT: 17.65 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BE092749.D
Acq: 20 Feb 2017 16:01

Instrument :
BNA_E
ClientSampleId :
SS050SS219(0-6)-170216

Tgt Ion:178 Resp: 3957

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	14.0	12.2	18.2

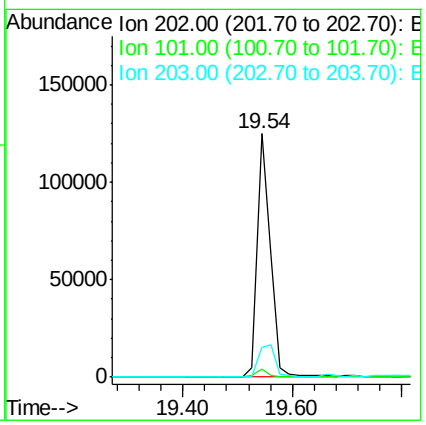


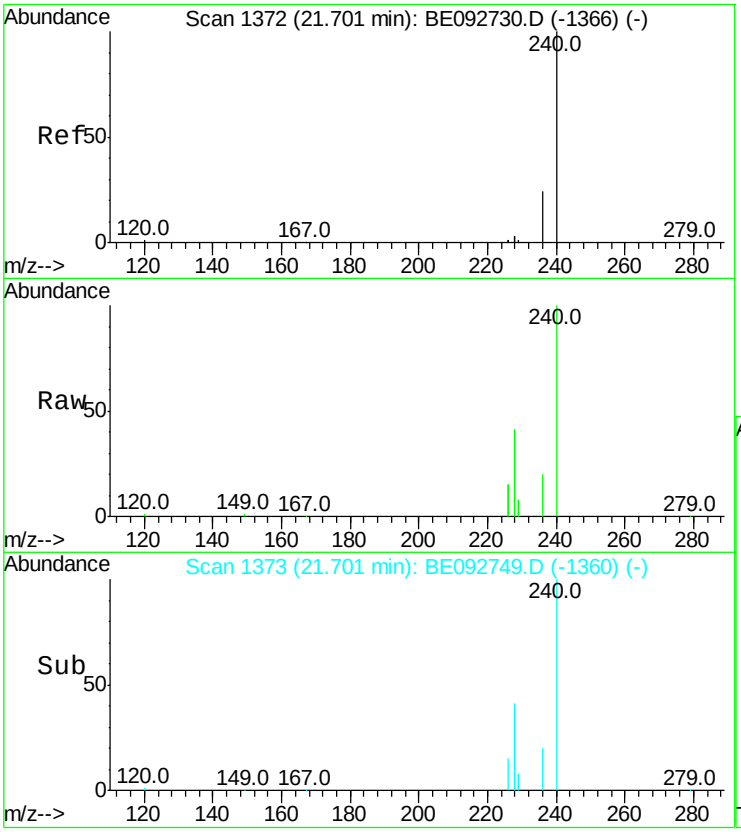


#23
Fluoranthene
Concen: 2.78 ng
RT: 19.54 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BE092749.D
Acq: 20 Feb 2017 16:01

Tgt Ion:202 Resp: 205927

Ion	Ratio	Lower	Upper
202	100		
101	2.9	2.2	3.4
203	17.2	13.7	20.5



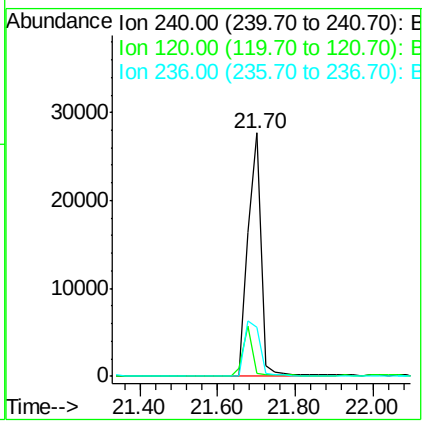


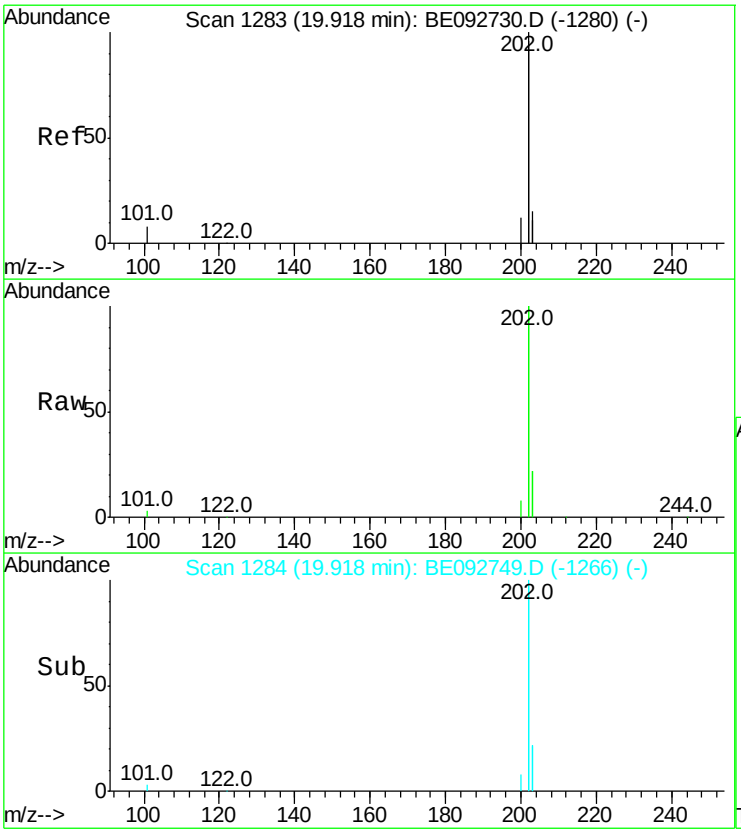
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.70 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE092749.D
Acq: 20 Feb 2017 16:01

Instrument :
BNA_E
ClientSampleId :
SS050SS219(0-6)-170216

Tgt Ion:240 Resp: 63382

Ion	Ratio	Lower	Upper
240	100		
120	1.0	2.6	4.0#
236	20.2	24.6	37.0#

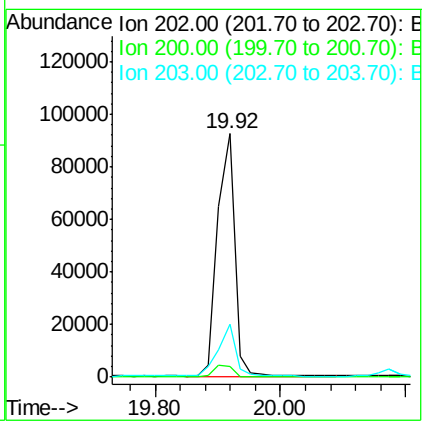


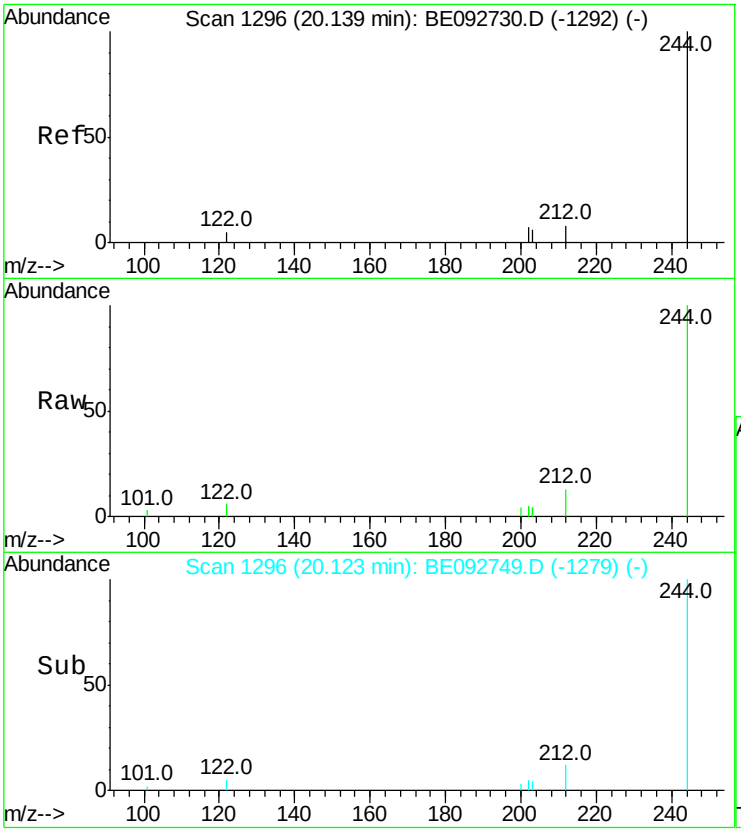


#25
Pyrene
Concen: 2.92 ng
RT: 19.92 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BE092749.D
Acq: 20 Feb 2017 16:01

Tgt Ion:202 Resp: 176191

Ion	Ratio	Lower	Upper
202	100		
200	5.4	4.2	6.4
203	21.7	13.9	20.9#



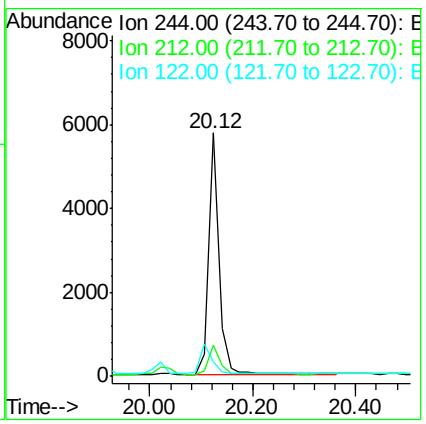


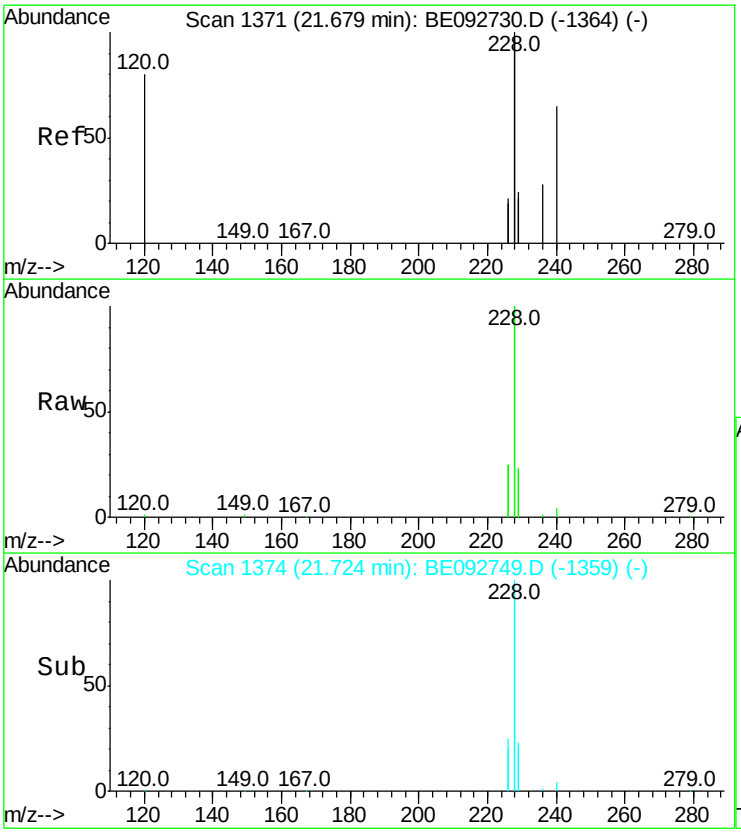
#26
Terphenyl-d14
Concen: 0.97 ng
RT: 20.12 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BE092749.D
Acq: 20 Feb 2017 16:01

Instrument :
BNA_E
ClientSampleId :
SS050SS219(0-6)-170216

Tgt Ion:244 Resp: 7863

Ion	Ratio	Lower	Upper
244	100		
212	12.5	6.7	10.1#
122	6.1	3.6	5.4#

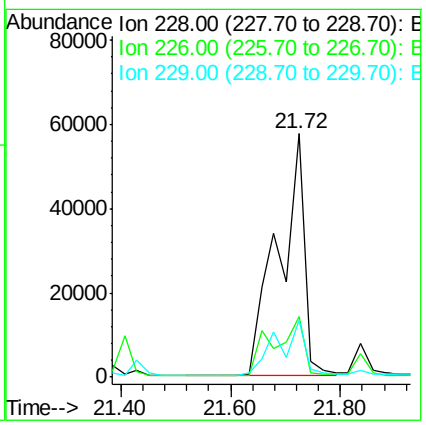


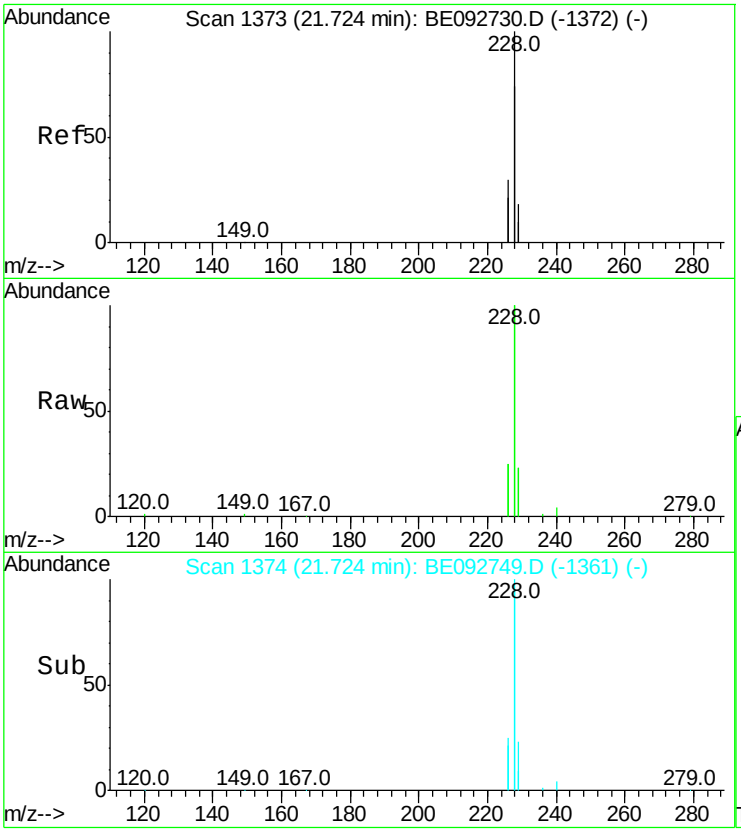


#27
Benzo(a)anthracene
Concen: 3.11 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.05 min
Lab File: BE092749.D
Acq: 20 Feb 2017 16:01

Tgt Ion:228 Resp: 190915

Ion	Ratio	Lower	Upper
228	100		
226	24.9	23.6	35.4
229	23.3	13.3	19.9#



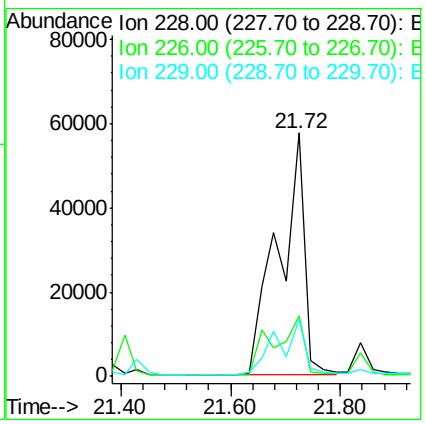


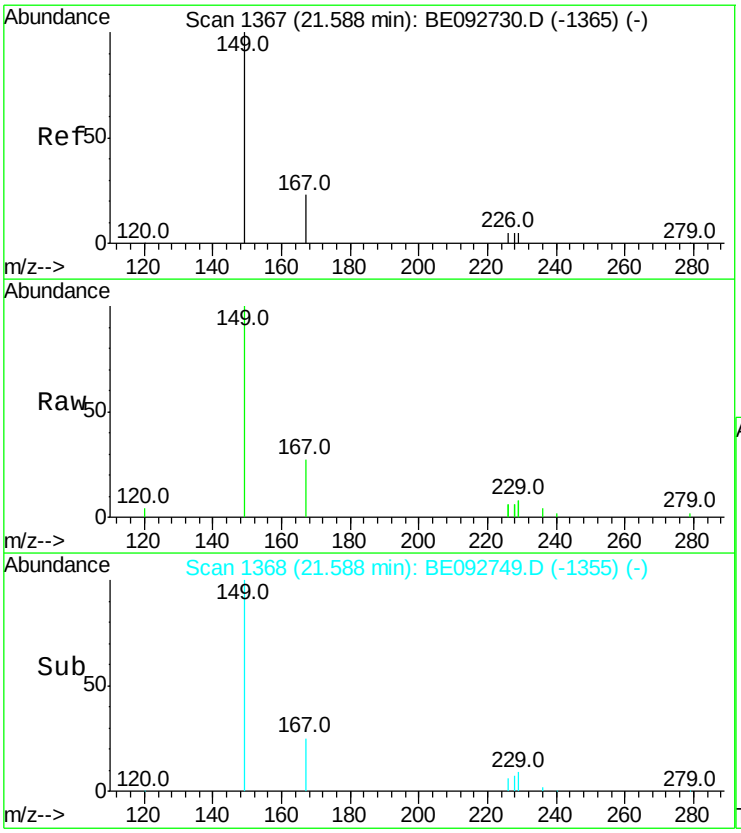
#28
Chrysene
Concen: 2.62 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092749.D
Acq: 20 Feb 2017 16:01

Instrument :
BNA_E
ClientSampleId :
SS050SS219(0-6)-170216

Tgt Ion:228 Resp: 190915

Ion	Ratio	Lower	Upper
228	100		
226	24.9	36.3	54.5#
229	23.3	10.6	16.0#

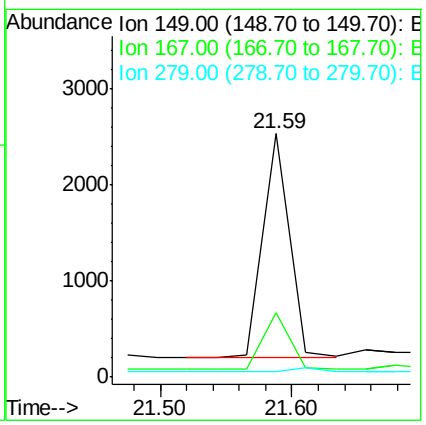


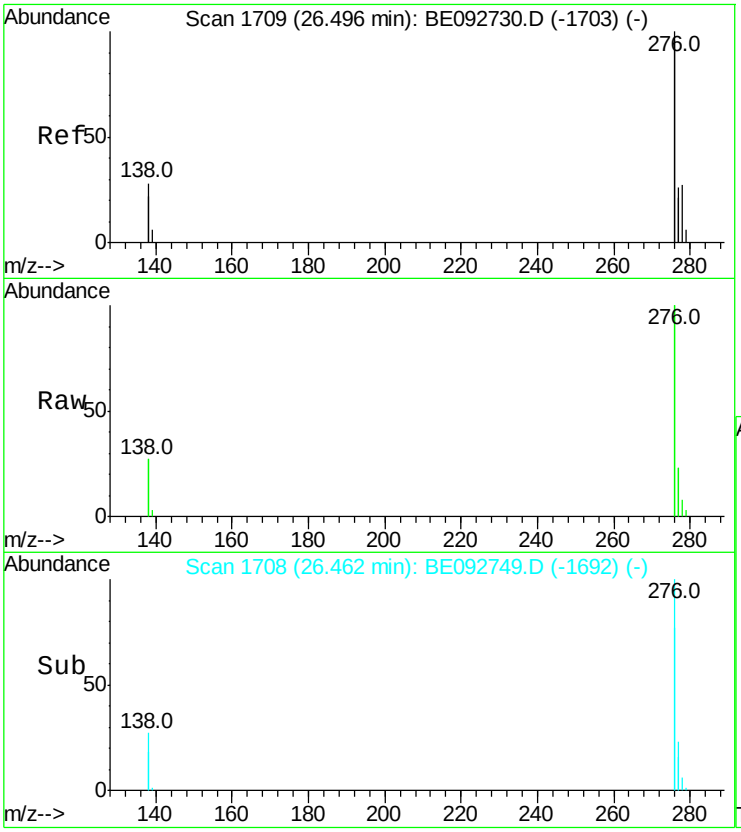


#29
Bis(2-ethylhexyl)phthalate
Concen: 0.45 ng
RT: 21.59 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE092749.D
Acq: 20 Feb 2017 16:01

Tgt Ion:149 Resp: 3340

Ion	Ratio	Lower	Upper
149	100		
167	25.0	16.0	24.0#
279	0.0	16.0	24.0#



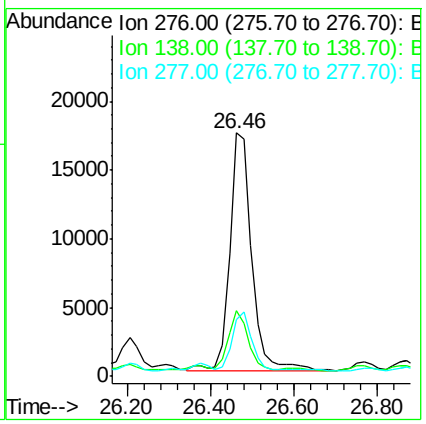


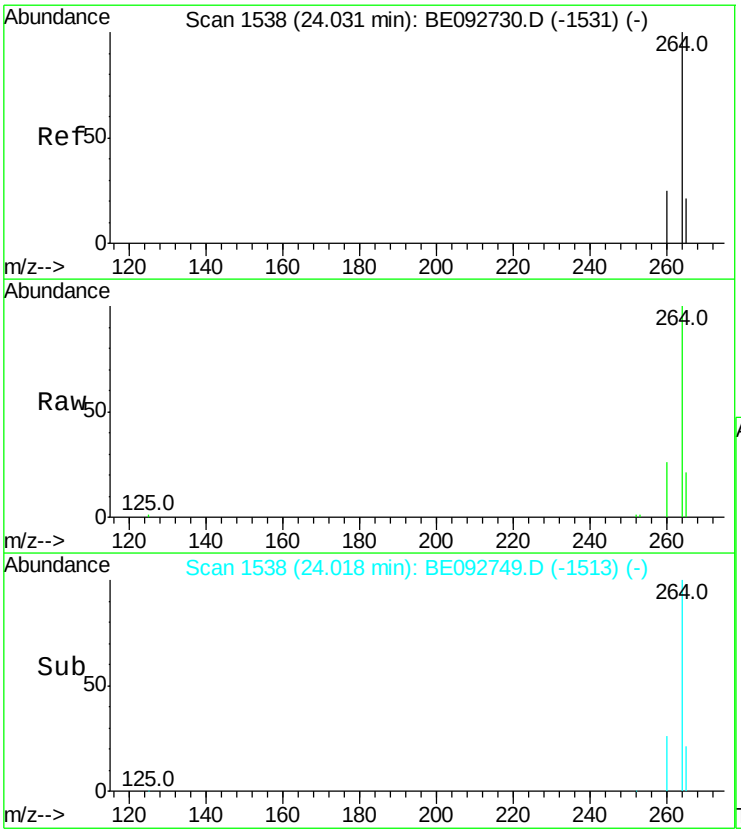
#30
Indeno(1,2,3-cd)pyrene
Concen: 0.86 ng
RT: 26.46 min Scan# 1708
Delta R.T. -0.03 min
Lab File: BE092749.D
Acq: 20 Feb 2017 16:01

Instrument :
BNA_E
ClientSampleId :
SS050SS219(0-6)-170216

Tgt Ion:276 Resp: 62947

Ion	Ratio	Lower	Upper
276	100		
138	22.4	20.3	30.5
277	22.5	19.7	29.5

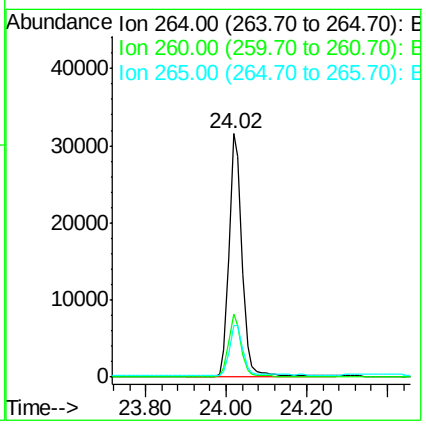


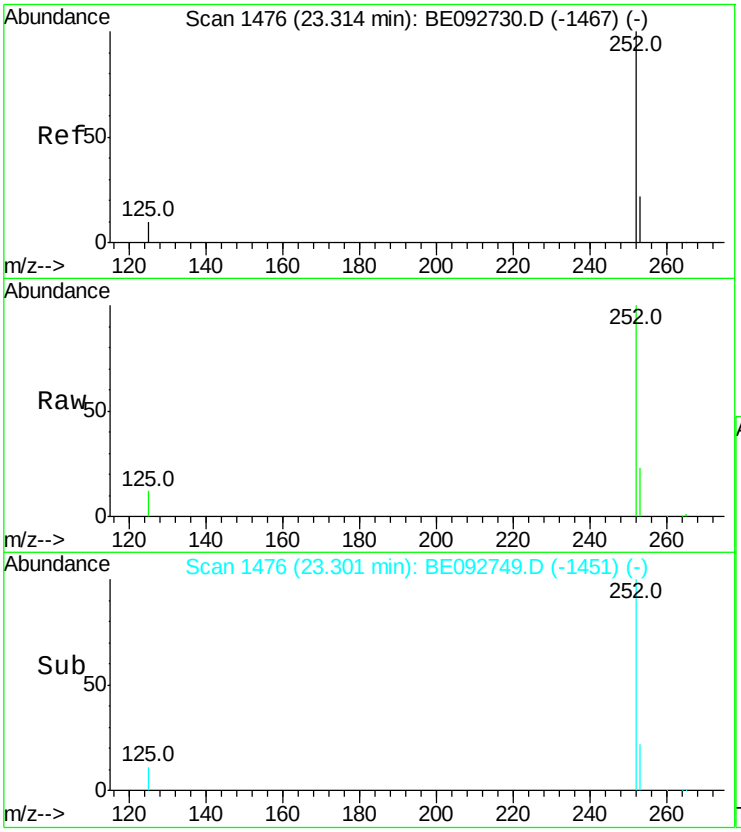


#31
Perylene-d12
Concen: 5.00 ng
RT: 24.02 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BE092749.D
Acq: 20 Feb 2017 16:01

Tgt Ion:264 Resp: 70541

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.1	30.1
265	21.1	17.9	26.9



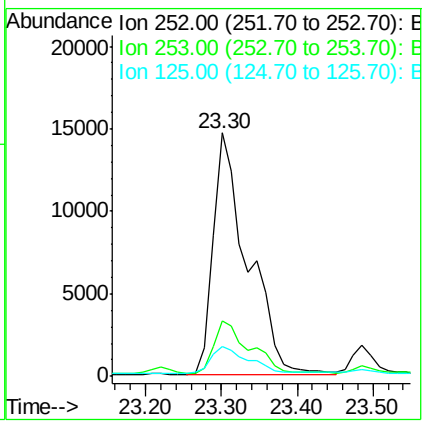


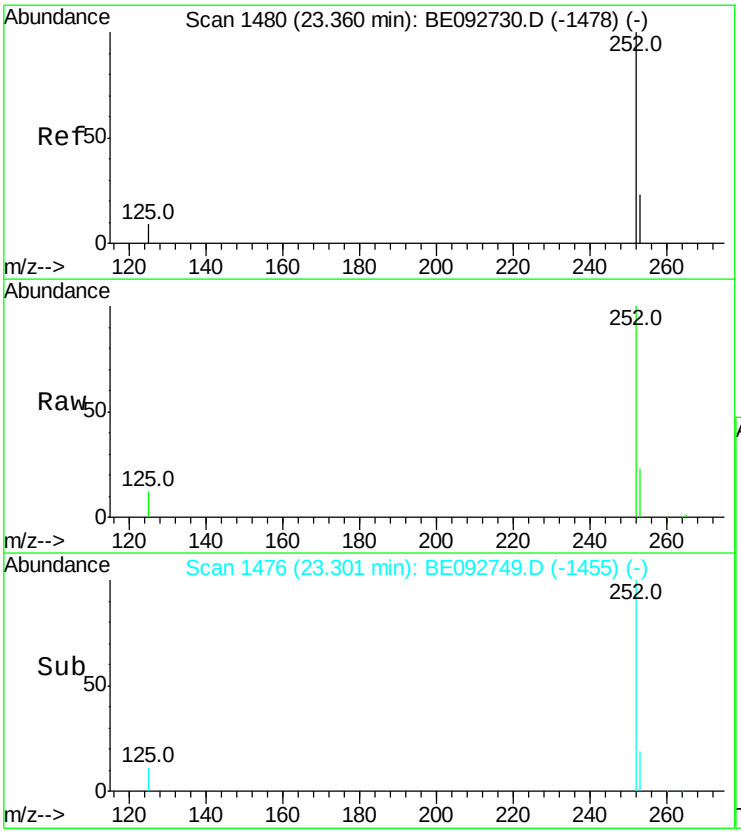
#32
Benzo(b)fluoranthene
Concen: 2.52 ng
RT: 23.30 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BE092749.D
Acq: 20 Feb 2017 16:01

Instrument :
BNA_E
ClientSampleId :
SS050SS219(0-6)-170216

Tgt Ion:252 Resp: 46478

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.7	28.1
125	12.4	10.5	15.7

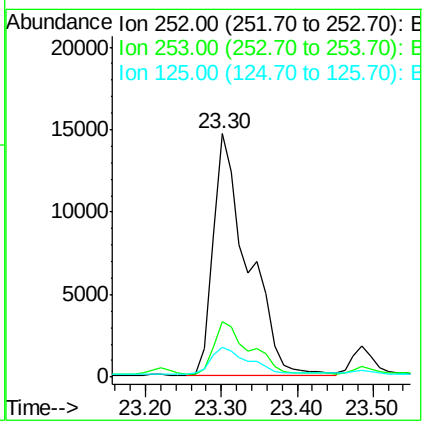


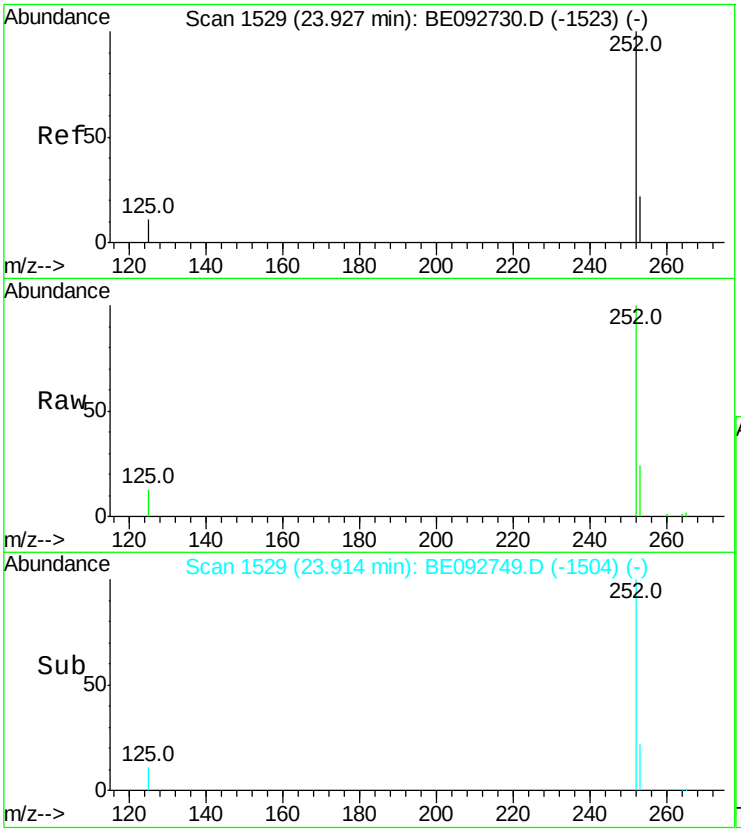


#33
Benzo(k)fluoranthene
Concen: 2.36 ng
RT: 23.30 min Scan# 1476
Delta R.T. -0.06 min
Lab File: BE092749.D
Acq: 20 Feb 2017 16:01

Tgt Ion:252 Resp: 46478

Ion	Ratio	Lower	Upper
252	100		
253	22.9	20.3	30.5
125	12.4	9.6	14.4



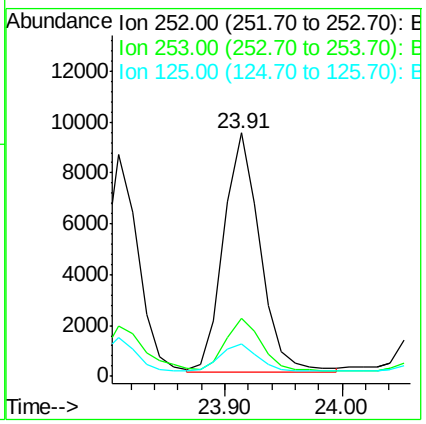


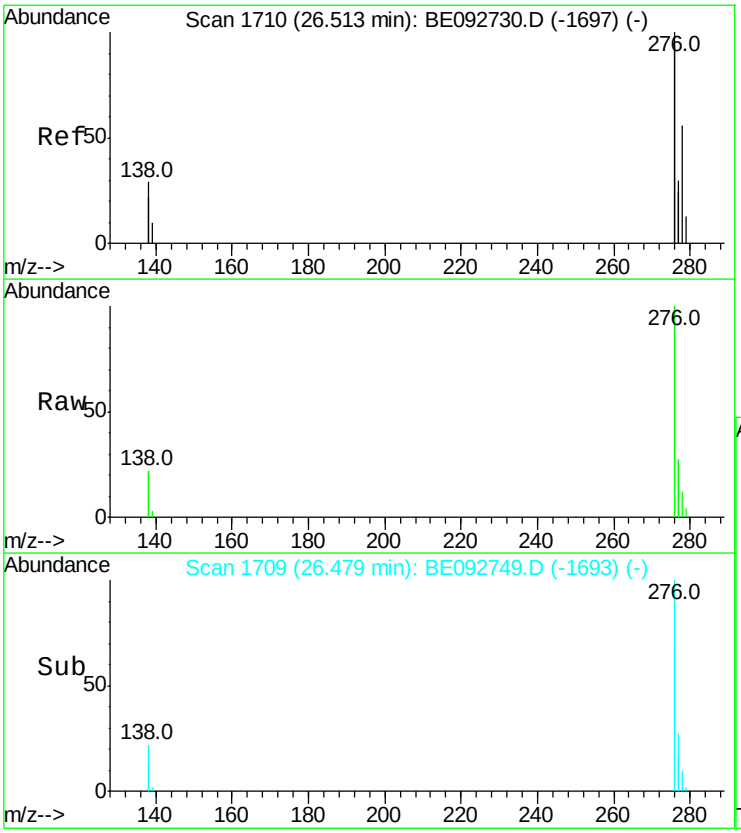
#34
Benzo(a)pyrene
Concen: 1.12 ng
RT: 23.91 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BE092749.D
Acq: 20 Feb 2017 16:01

Instrument :
BNA_E
ClientSampleId :
SS050SS219(0-6)-170216

Tgt Ion:252 Resp: 20347

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.0	28.6
125	13.4	11.8	17.8

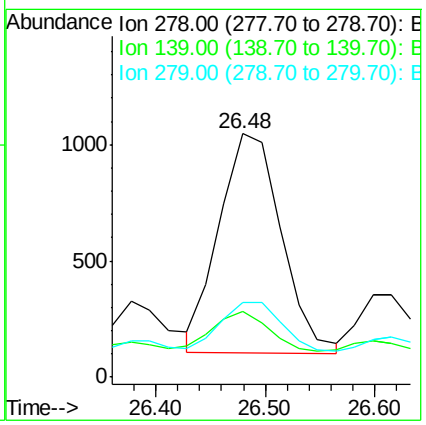


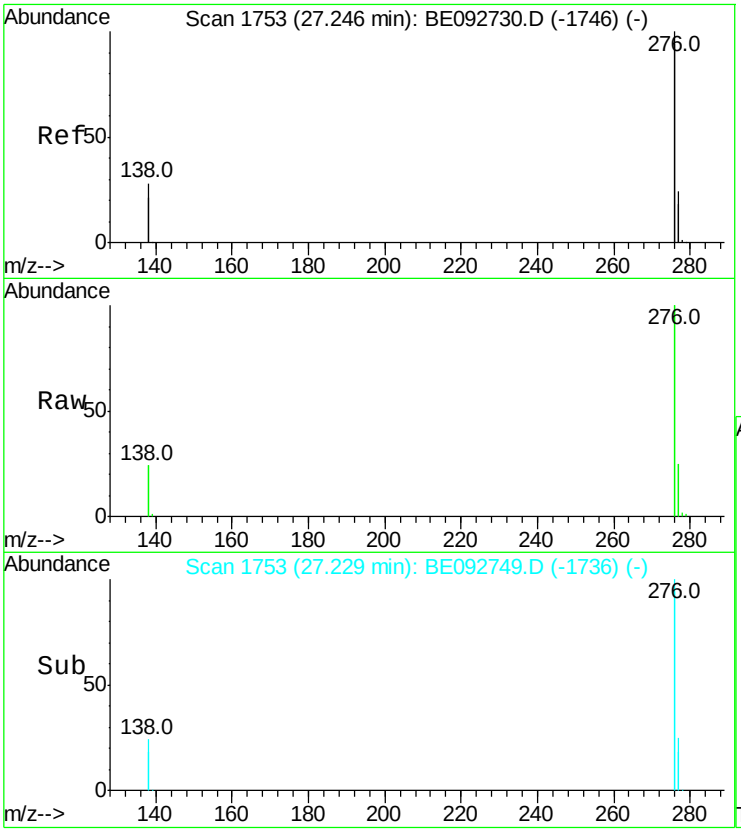


#35
Dibenzo(a,h)anthracene
Concen: 0.22 ng
RT: 26.48 min Scan# 1709
Delta R.T. -0.03 min
Lab File: BE092749.D
Acq: 20 Feb 2017 16:01

Tgt Ion:278 Resp: 3723

Ion	Ratio	Lower	Upper
278	100		
139	26.9	13.8	20.8#
279	30.8	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.86 ng
RT: 27.23 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BE092749.D
Acq: 20 Feb 2017 16:01

Instrument :
BNA_E
ClientSampleId :
SS050SS219(0-6)-170216

Tgt Ion:276 Resp: 63509

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.8	29.8
138	23.6	19.8	29.6