Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE021517\
Data File : BE092741.D
Acq On : 15 Feb 2017 20:00
Operator : SJ/MA
Sample : I1788-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Feb 16 03:26:07 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	10369	5.00	ng	0.00
7) Naphthalene-d8	10.88	136	50394	5.00	ng	-0.02
12) Acenaphthene-d10	14.76	164	31516	5.00	ng	0.00
18) Phenanthrene-d10	17.51	188	66442	5.00	ng	0.00
24) Chrysene-d12	21.70	240	68392	5.00	ng	0.00
31) Perylene-d12	24.03	264	69365	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.61	112	10397	5.15	ng	-0.02
5) Phenol-d6	7.29	99	7856	3.17	ng	-0.02
8) Nitrobenzene-d5	9.27	82	18474	5.42	ng	-0.05
13) 2,4,6-Tribromophenol	16.25	330	9997	14.95	ng	-0.03
14) 2-Fluorobiphenyl	13.38	172	40550	5.28	ng	-0.02
26) Terphenyl-d14	20.12	244	54366	6.23	ng	-0.02
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.75	42	858	0.64	ng	# 3
6) bis(2-Chloroethyl)ether	7.57	93	69	0.03	ng	# 1
9) Naphthalene	10.93	128	23931	2.19	ng	# 84
11) 2-Methylnaphthalene	12.79	142	13470	1.97	ng	92
16) Acenaphthene	14.81	154	466	0.07	ng	# 75
17) Fluorene	15.81	166	437	0.05	ng	# 88
20) Pentachlorophenol	17.19	266	29	0.29	ng	# 78
21) Phenanthrene	17.56	178	737	0.05	ng	# 70
25) Pyrene	19.92	202	1769	0.03	ng	# 85
27) Benzo(a)anthracene	21.68	228	2584	0.04	ng	# 60
28) Chrysene	21.68	228	2608	0.03	ng	# 73
29) Bis(2-ethylhexyl)phthalate	21.59	149	1949	0.27	ng	# 74
30) Indeno(1,2,3-cd)pyrene	26.50	276	1642	0.05	ng	97
32) Benzo(b)fluoranthene	23.31	252	378	0.05	ng	# 3
33) Benzo(k)fluoranthene	23.31	252	378	0.02	ng	# 7
35) Dibenzo(a,h)anthracene	26.53	278	303	0.03	ng	# 3
36) Benzo(g,h,i)perylene	27.26	276	1472	0.02	ng	# 34

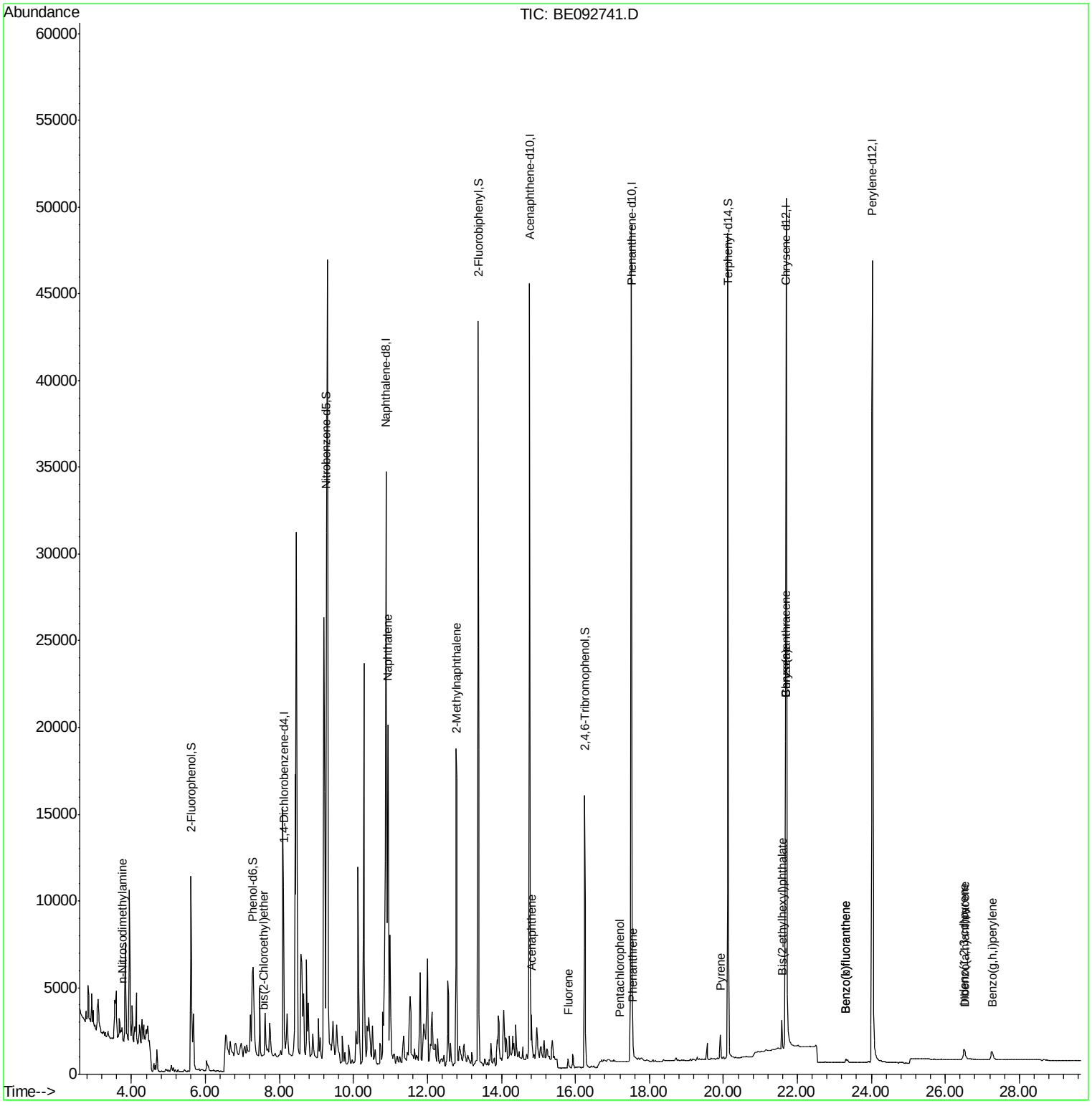
(#) = qualifier out of range (m) = manual integration (+) = signals summed

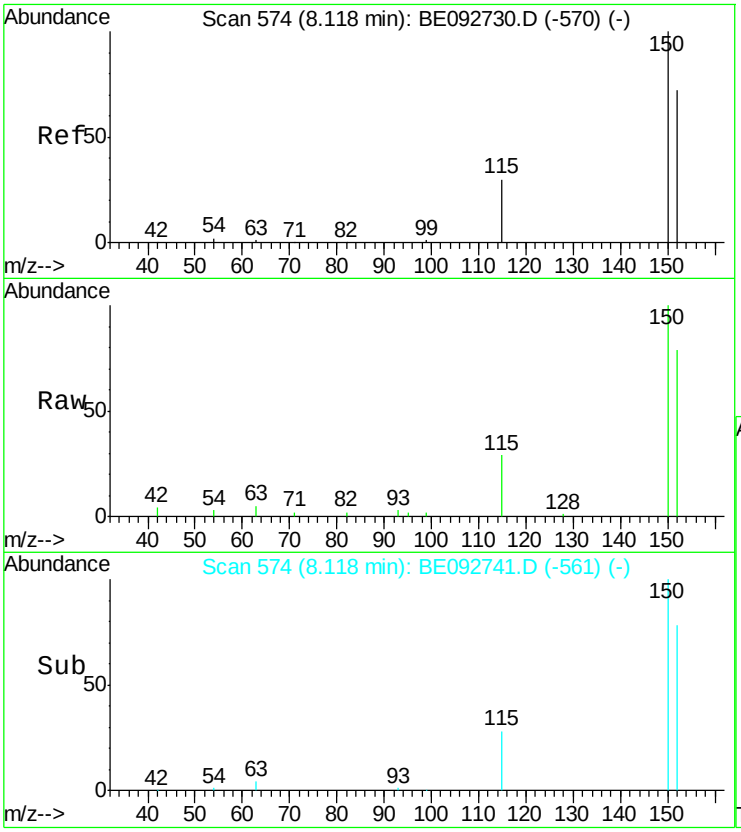
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE021517\
Data File : BE092741.D
Acq On : 15 Feb 2017 20:00
Operator : SJ/MA
Sample : I1788-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Feb 16 03:26:07 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



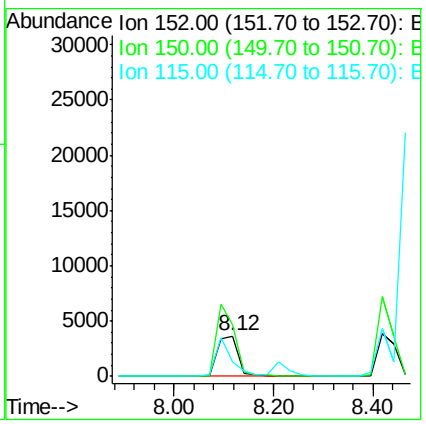


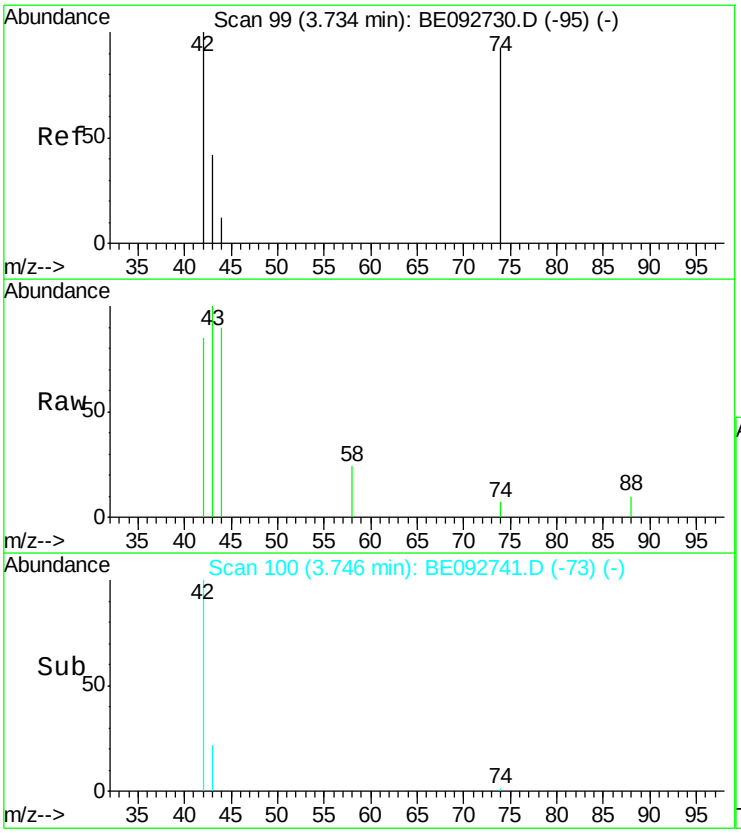
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.12 min Scan# 574
Delta R.T. -0.00 min
Lab File: BE092741.D
Acq: 15 Feb 2017 20:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 10369

Ion	Ratio	Lower	Upper
152	100		
150	127.3	106.0	159.0
115	36.8	31.2	46.8

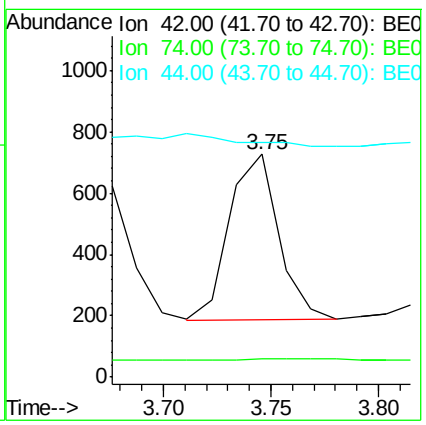


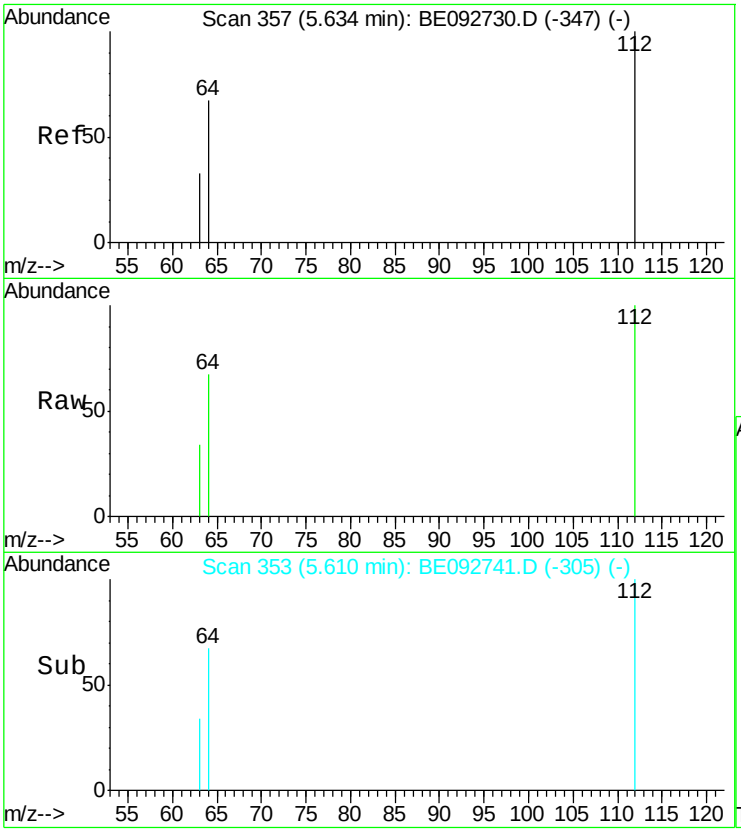


#3
n-Nitrosodimethylamine
Concen: 0.64 ng
RT: 3.75 min Scan# 100
Delta R.T. 0.01 min
Lab File: BE092741.D
Acq: 15 Feb 2017 20:00

Tgt Ion: 42 Resp: 858

Ion	Ratio	Lower	Upper
42	100		
74	1.9	86.0	129.0#
44	0.0	5.1	7.7#



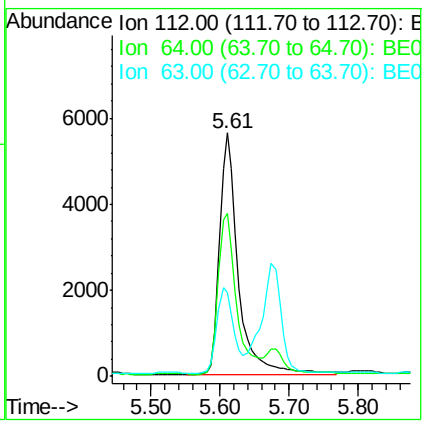


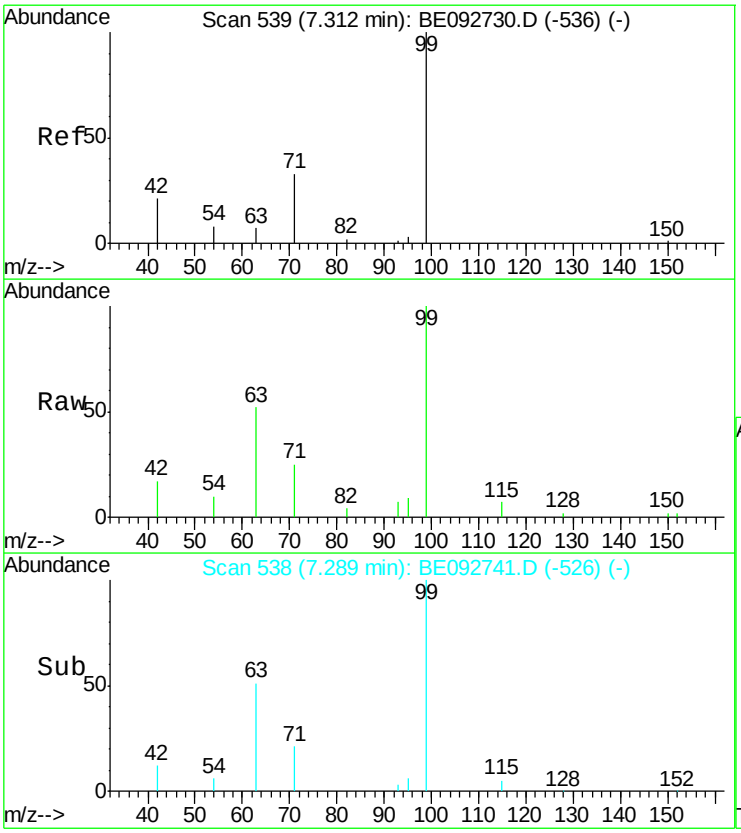
#4
2-Fluorophenol
Concen: 5.15 ng
RT: 5.61 min Scan# 353
Delta R.T. -0.02 min
Lab File: BE092741.D
Acq: 15 Feb 2017 20:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 10397

Ion	Ratio	Lower	Upper
112	100		
64	65.0	53.5	80.3
63	32.3	27.9	41.9

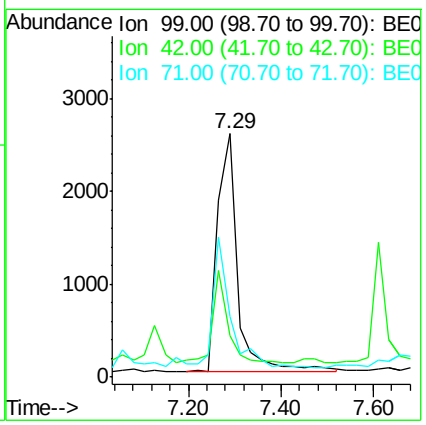


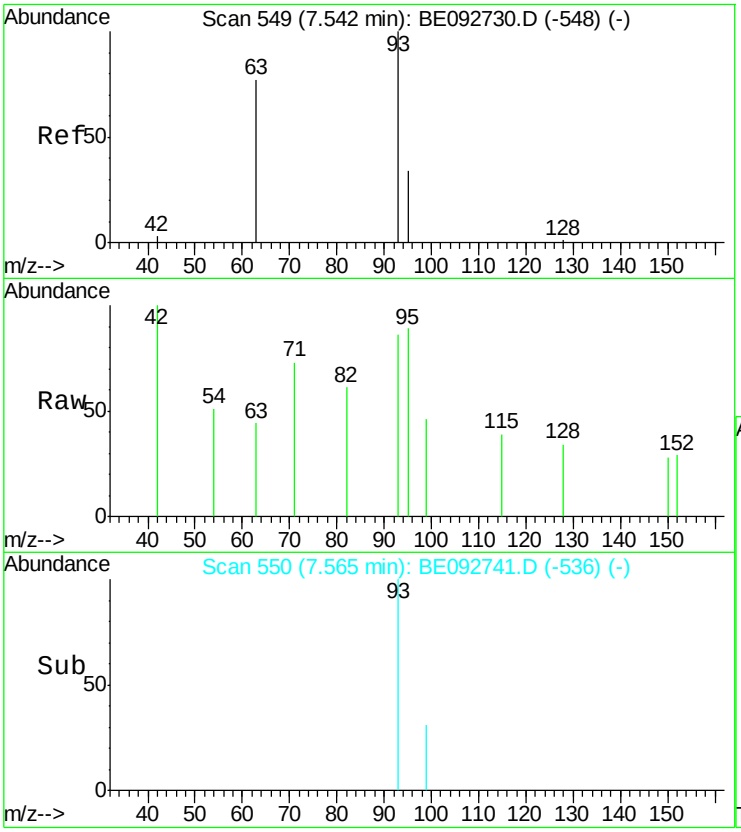


#5
Phenol-d6
Concen: 3.17 ng
RT: 7.29 min Scan# 538
Delta R.T. -0.02 min
Lab File: BE092741.D
Acq: 15 Feb 2017 20:00

Tgt Ion: 99 Resp: 7856

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



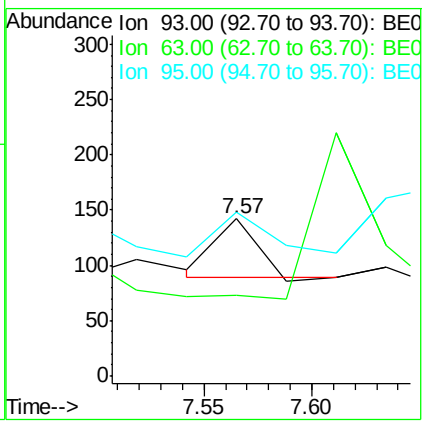


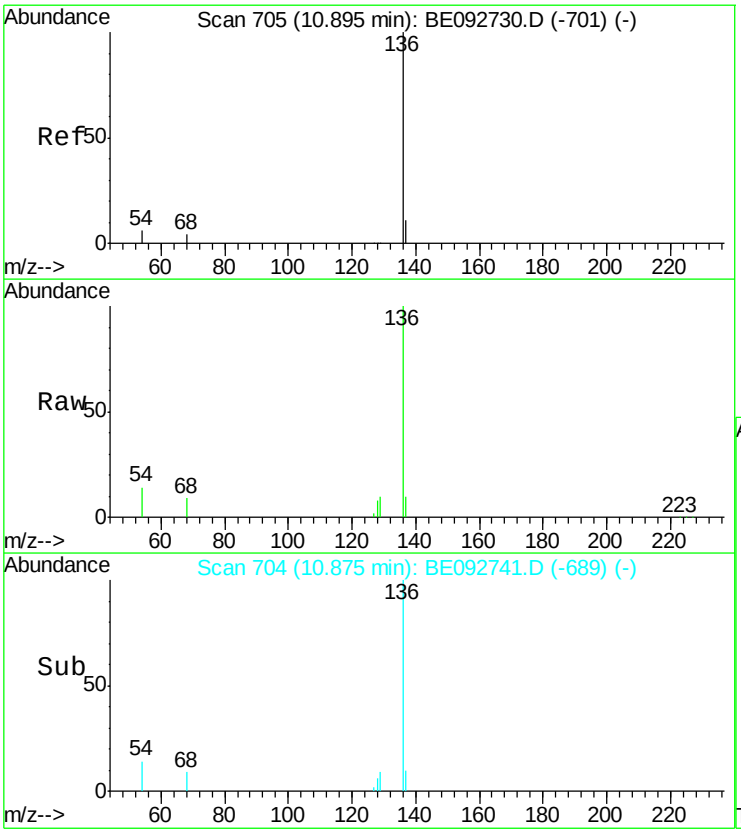
#6
bis(2-Chloroethyl)ether
Concen: 0.03 ng
RT: 7.57 min Scan# 550
Delta R.T. 0.02 min
Lab File: BE092741.D
Acq: 15 Feb 2017 20:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 93 Resp: 69

Ion	Ratio	Lower	Upper
93	100		
63	0.0	71.6	107.4#
95	105.8	24.0	36.0#

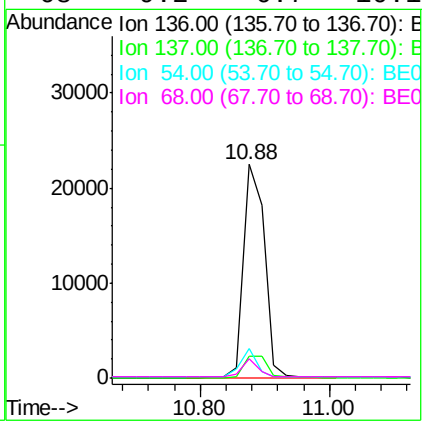


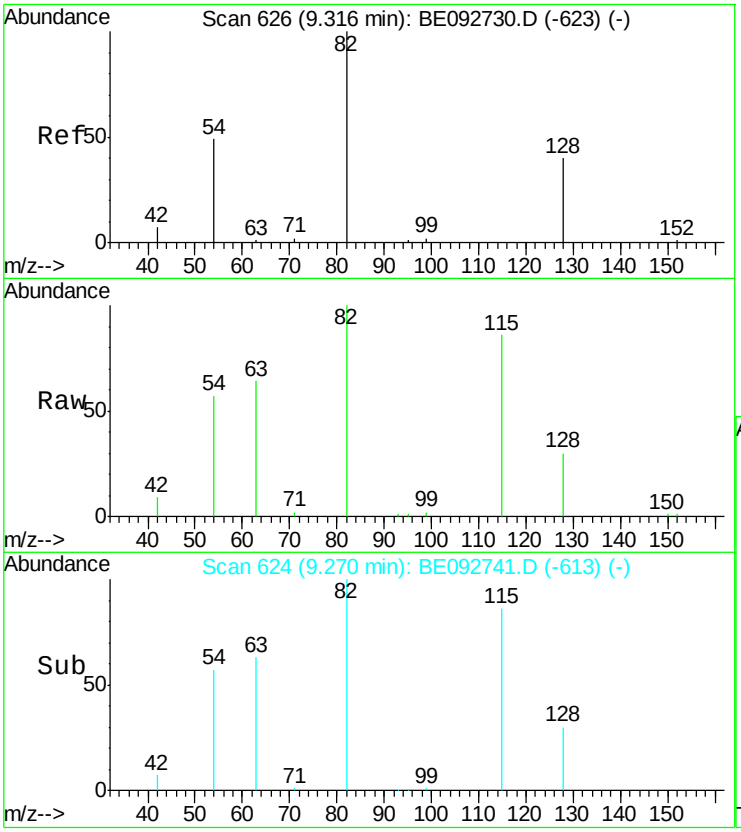


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.88 min Scan# 704
Delta R.T. -0.02 min
Lab File: BE092741.D
Acq: 15 Feb 2017 20:00

Tgt Ion:136 Resp: 50394

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.2	12.4
54	14.0	9.6	14.4
68	9.2	6.7	10.1



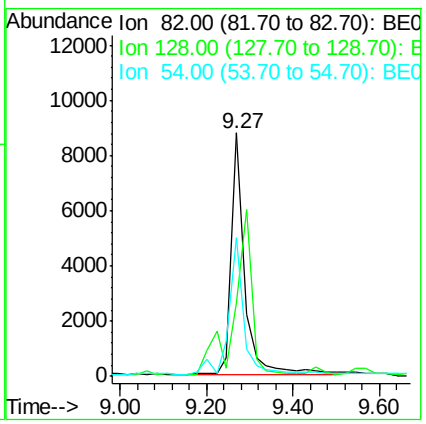


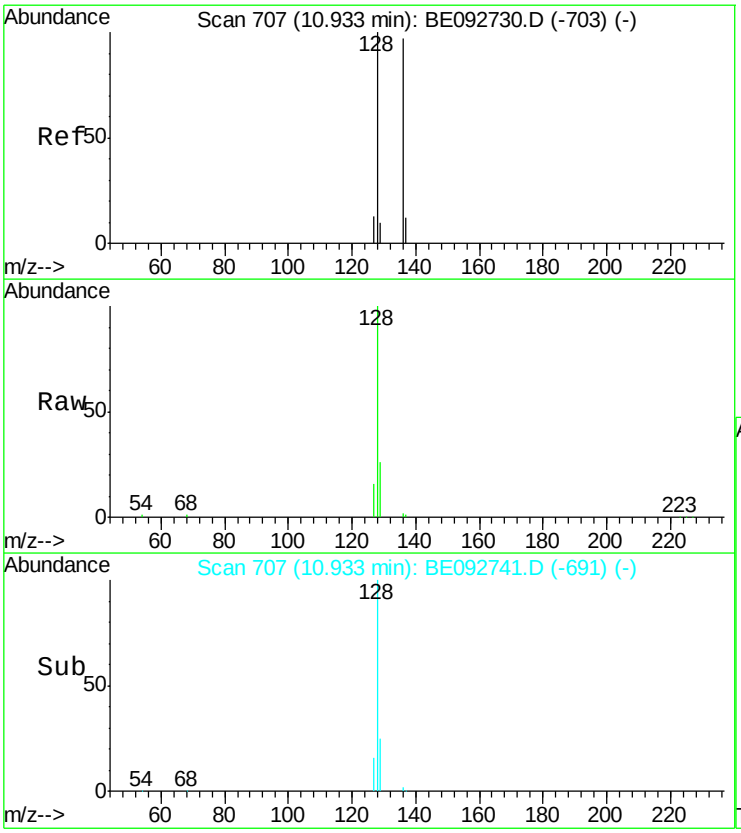
#8
Nitrobenzene-d5
Concen: 5.42 ng
RT: 9.27 min Scan# 624
Delta R.T. -0.05 min
Lab File: BE092741.D
Acq: 15 Feb 2017 20:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 18474

Ion	Ratio	Lower	Upper
82	100		
128	30.3	39.0	58.4#
54	56.9	44.8	67.2

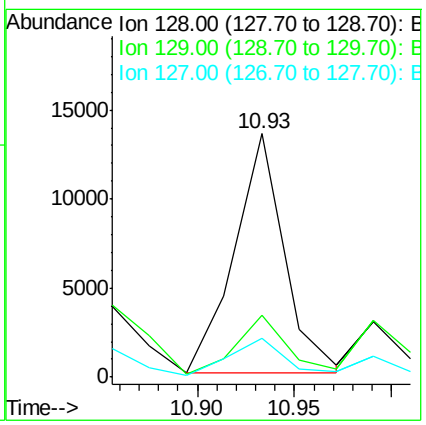


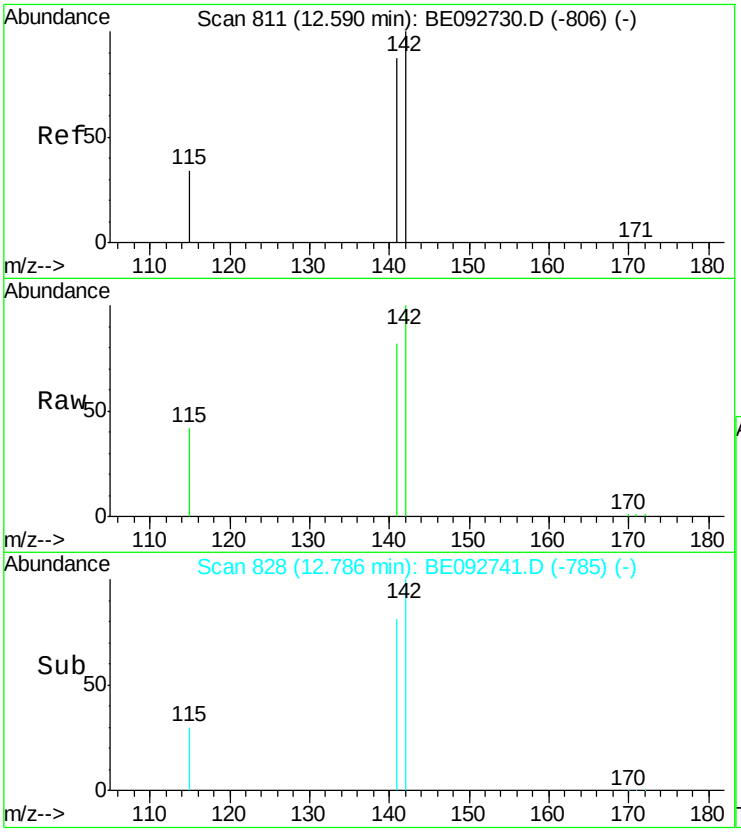


#9
Naphthalene
Concen: 2.19 ng
RT: 10.93 min Scan# 707
Delta R.T. -0.00 min
Lab File: BE092741.D
Acq: 15 Feb 2017 20:00

Tgt Ion:128 Resp: 23931

Ion	Ratio	Lower	Upper
128	100		
129	25.6	11.2	16.8#
127	16.1	11.6	17.4



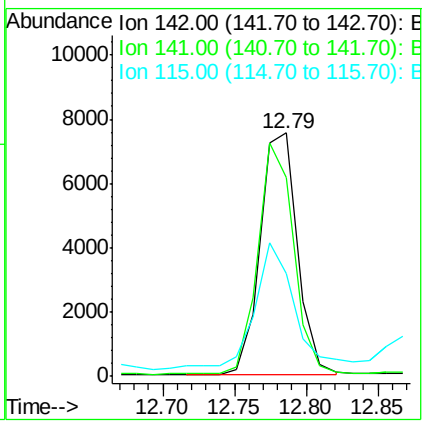


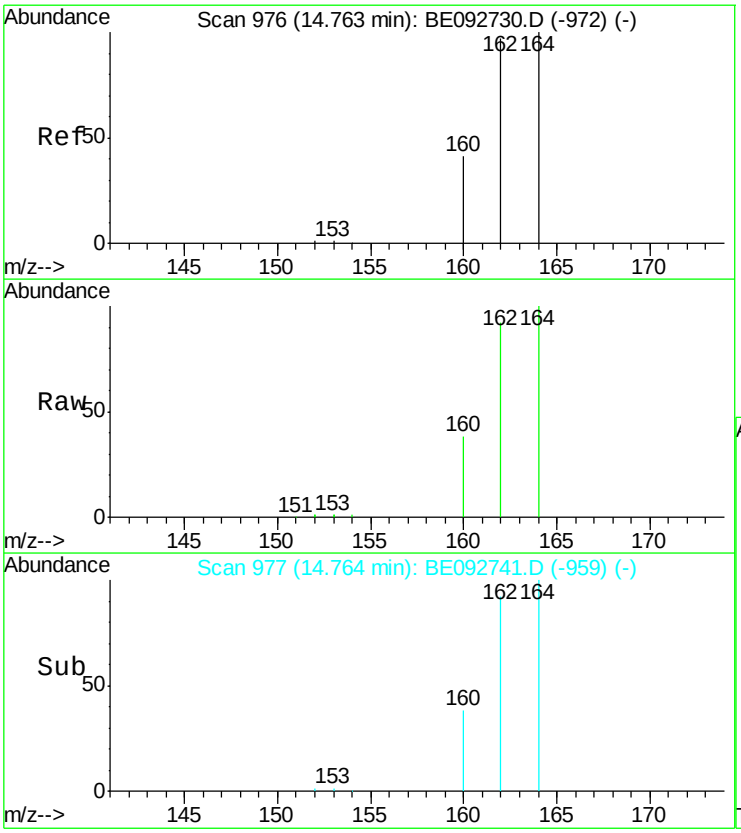
#11
2-Methylnaphthalene
Concen: 1.97 ng
RT: 12.79 min Scan# 828
Delta R.T. 0.20 min
Lab File: BE092741.D
Acq: 15 Feb 2017 20:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 13470

Ion	Ratio	Lower	Upper
142	100		
141	81.7	73.7	110.5
115	42.3	34.0	51.0

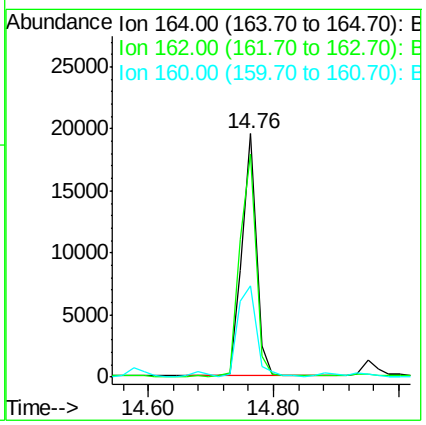


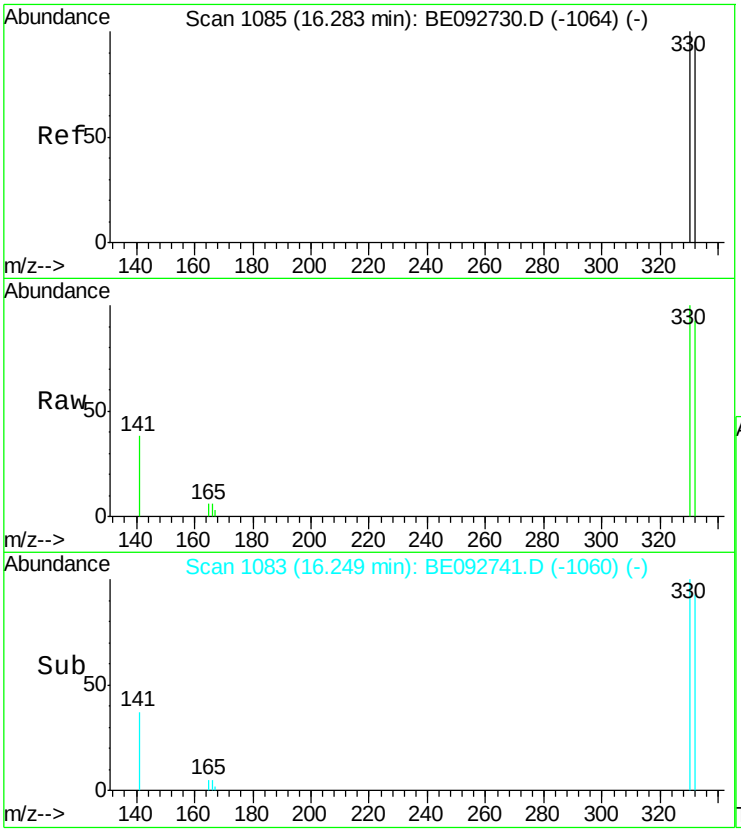


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.76 min Scan# 977
Delta R.T. 0.00 min
Lab File: BE092741.D
Acq: 15 Feb 2017 20:00

Tgt Ion:164 Resp: 31516

Ion	Ratio	Lower	Upper
164	100		
162	91.6	71.4	107.0
160	37.6	27.4	41.2



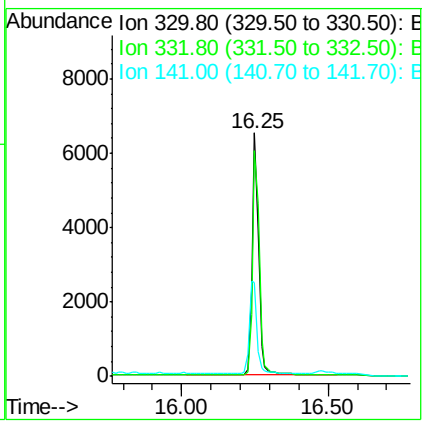


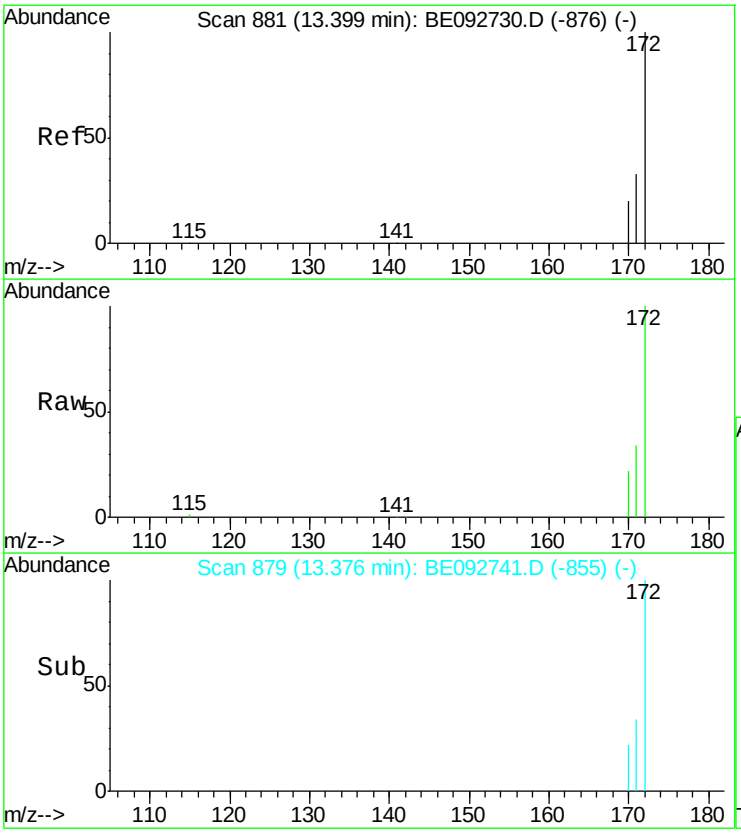
#13
2,4,6-Tribromophenol
Concen: 14.95 ng
RT: 16.25 min Scan# 1083
Delta R.T. -0.03 min
Lab File: BE092741.D
Acq: 15 Feb 2017 20:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 9997

Ion	Ratio	Lower	Upper
330	100		
332	98.3	75.4	113.0
141	44.3	31.0	46.6

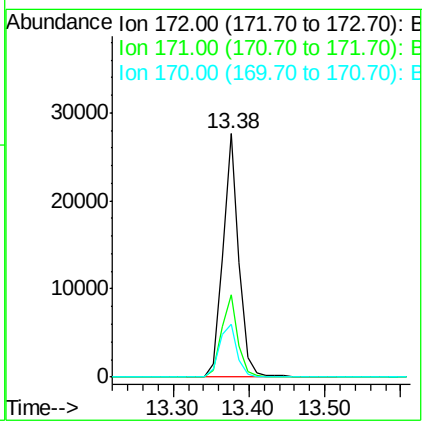


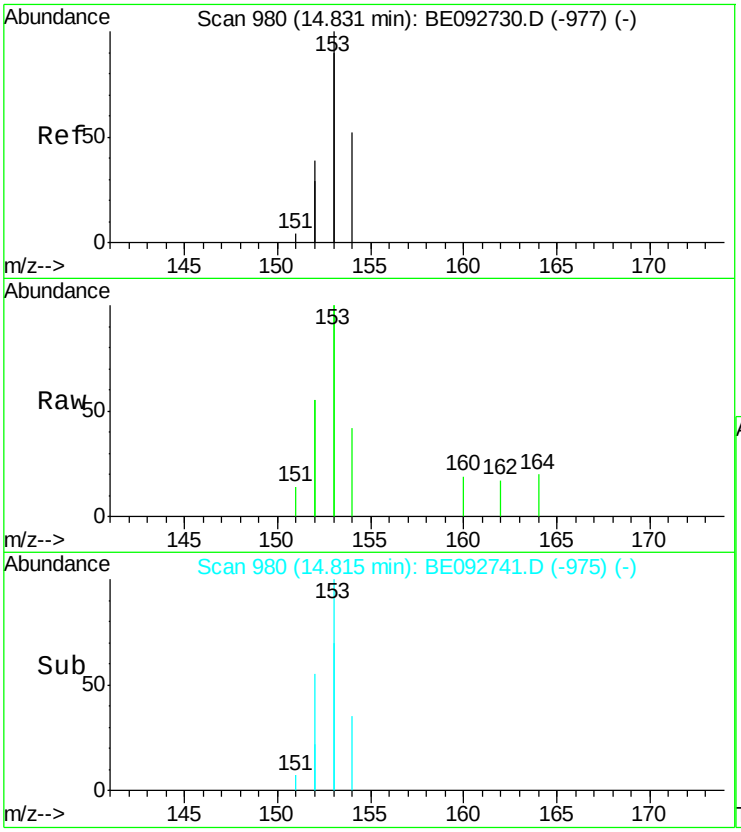


#14
2-Fluorobiphenyl
Concen: 5.28 ng
RT: 13.38 min Scan# 879
Delta R.T. -0.02 min
Lab File: BE092741.D
Acq: 15 Feb 2017 20:00

Tgt Ion:172 Resp: 40550

Ion	Ratio	Lower	Upper
172	100		
171	33.6	30.1	45.1
170	21.7	21.8	32.6#



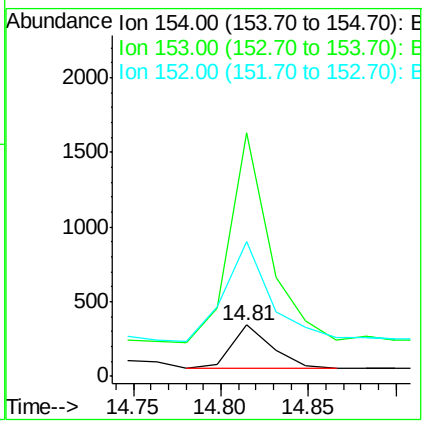


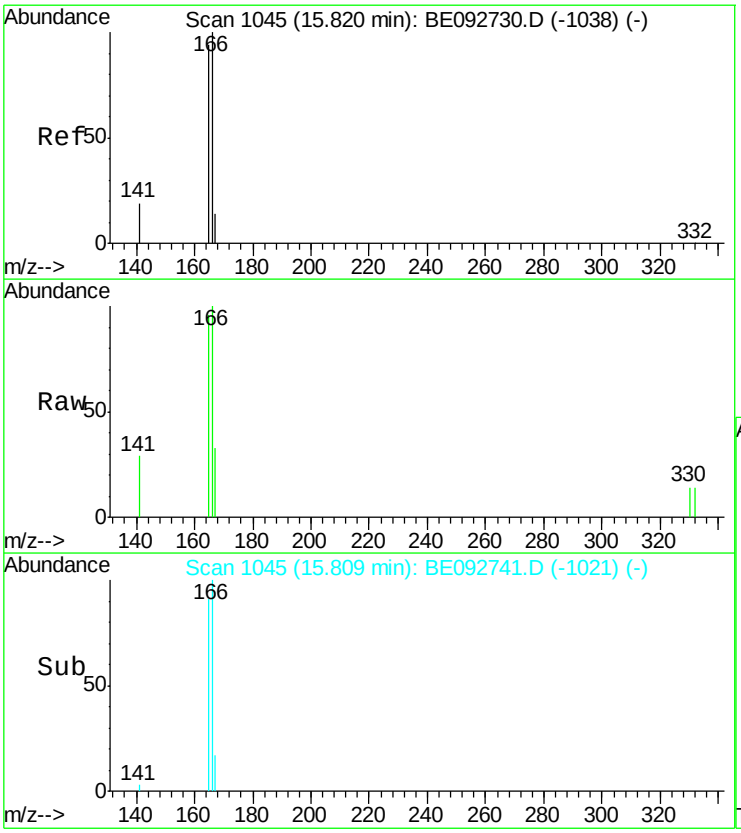
#16
Acenaphthene
Concen: 0.07 ng
RT: 14.81 min Scan# 980
Delta R.T. -0.02 min
Lab File: BE092741.D
Acq: 15 Feb 2017 20:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 466

Ion	Ratio	Lower	Upper
154	100		
153	492.9	350.8	526.2
152	263.1	171.1	256.7#

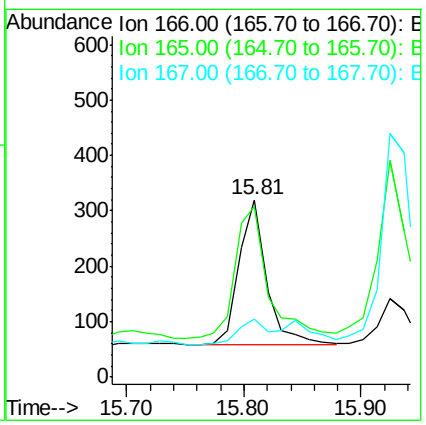


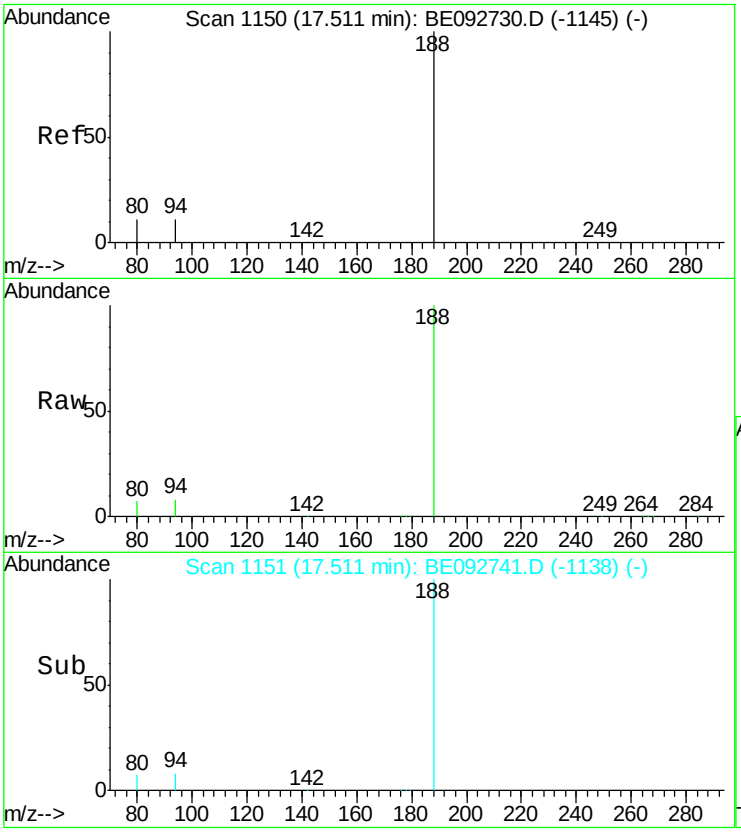


#17
Fluorene
Concen: 0.05 ng
RT: 15.81 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BE092741.D
Acq: 15 Feb 2017 20:00

Tgt Ion:166 Resp: 437

Ion	Ratio	Lower	Upper
166	100		
165	108.0	78.2	117.4
167	22.7	11.0	16.4#



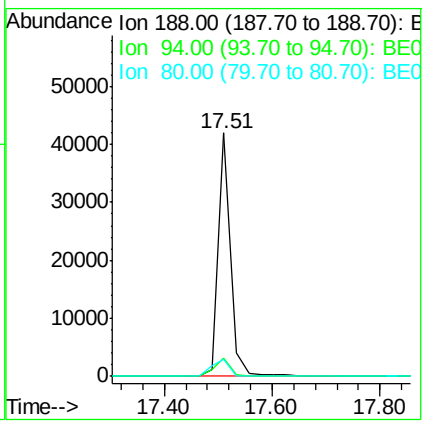


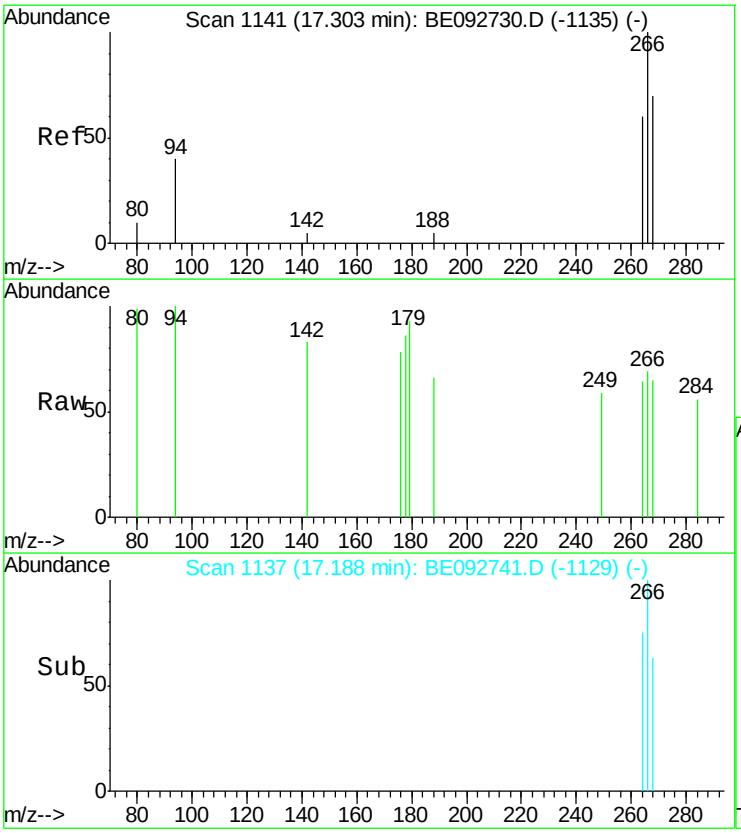
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.51 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BE092741.D
Acq: 15 Feb 2017 20:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 66442

Ion	Ratio	Lower	Upper
188	100		
94	7.7	3.2	4.8#
80	7.0	2.6	3.8#

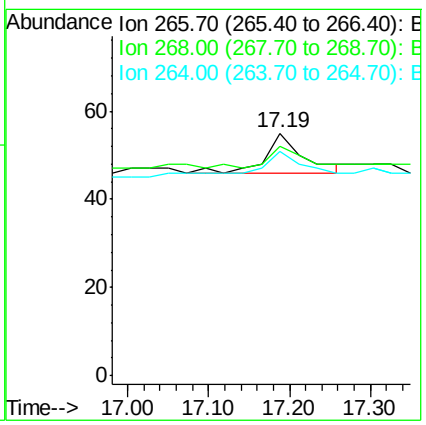


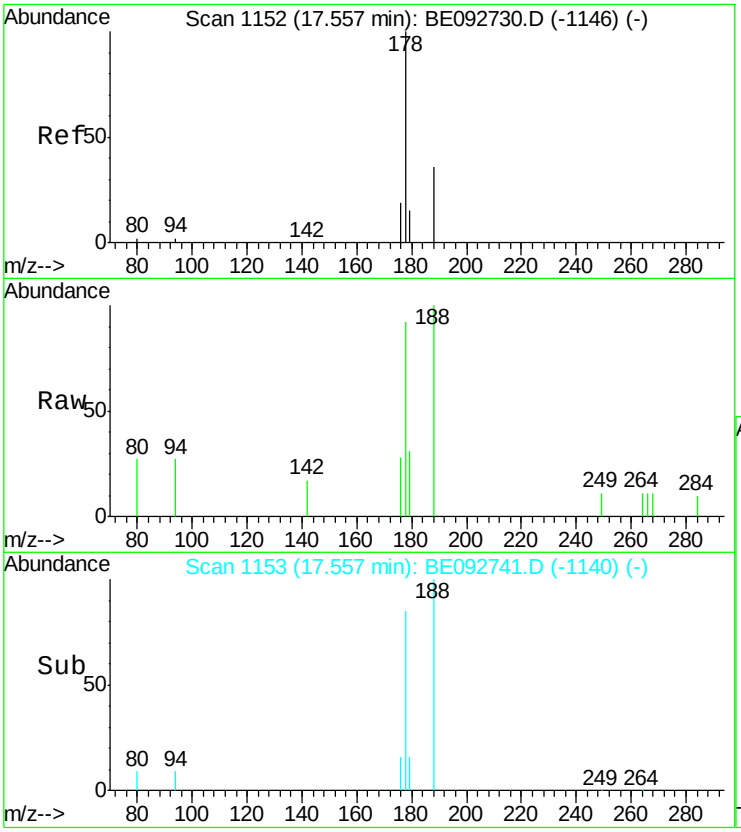


#20
Pentachlorophenol
Concen: 0.29 ng
RT: 17.19 min Scan# 1137
Delta R.T. -0.11 min
Lab File: BE092741.D
Acq: 15 Feb 2017 20:00

Tgt Ion:266 Resp: 29

Ion	Ratio	Lower	Upper
266	100		
268	94.5	62.5	93.7#
264	92.7	57.2	85.8#



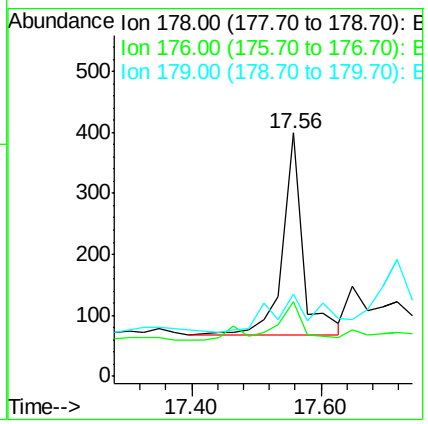


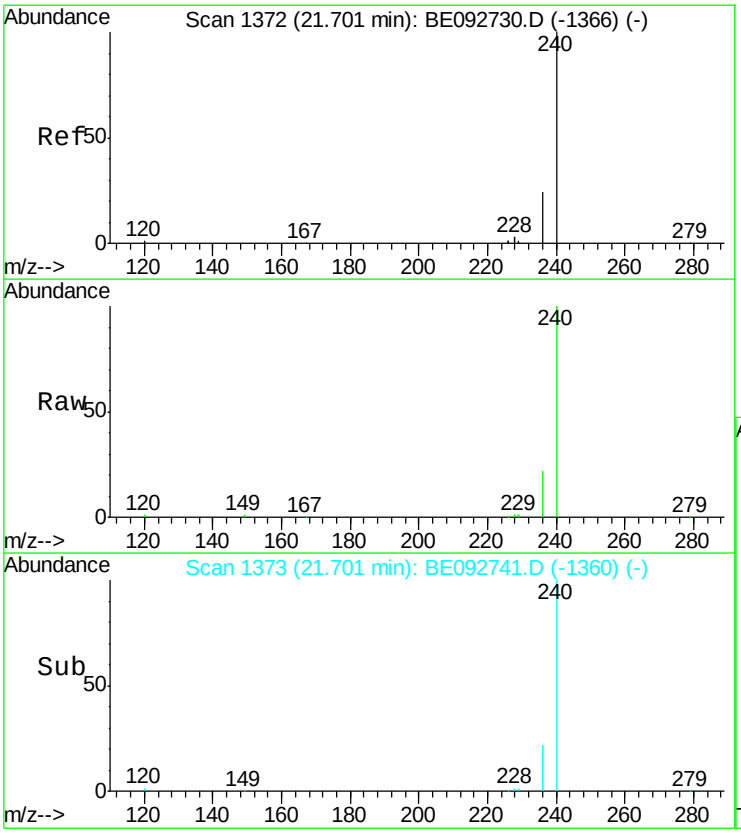
#21
Phenanthrene
Concen: 0.05 ng
RT: 17.56 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE092741.D
Acq: 15 Feb 2017 20:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 737

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	46.1	16.0	24.0#

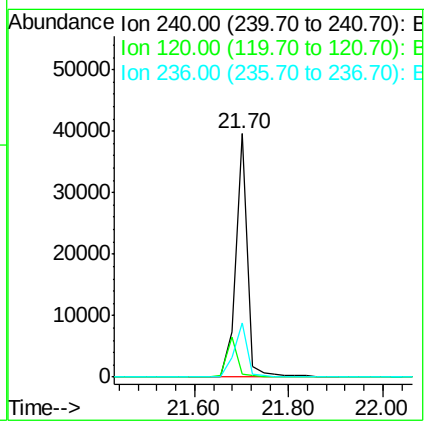


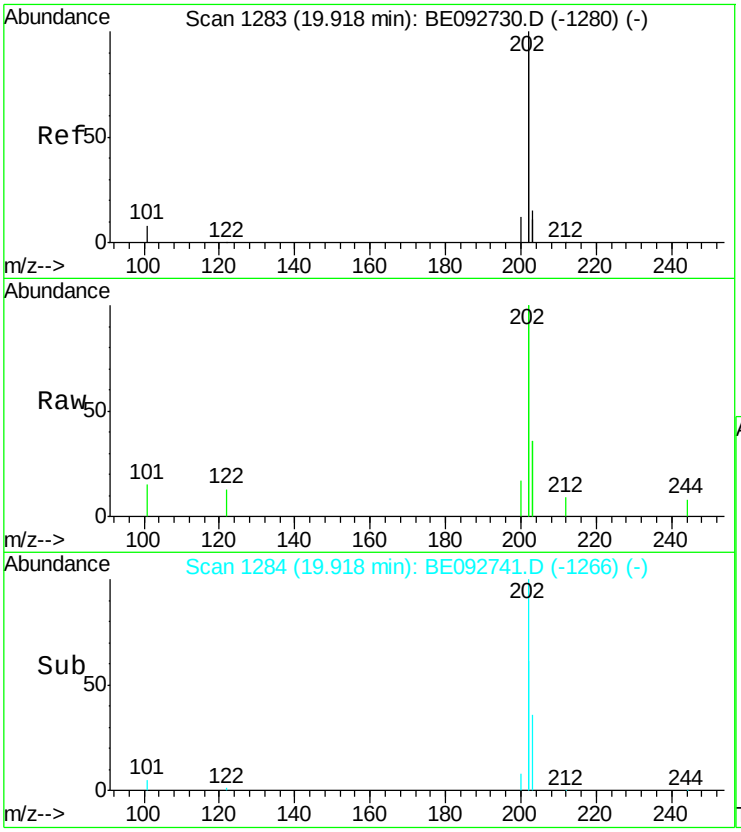


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE092741.D
Acq: 15 Feb 2017 20:00

Tgt Ion:240 Resp: 68392

Ion	Ratio	Lower	Upper
240	100		
120	1.1	2.6	4.0#
236	22.3	24.6	37.0#



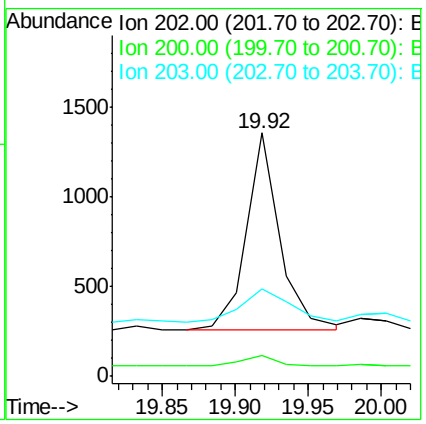


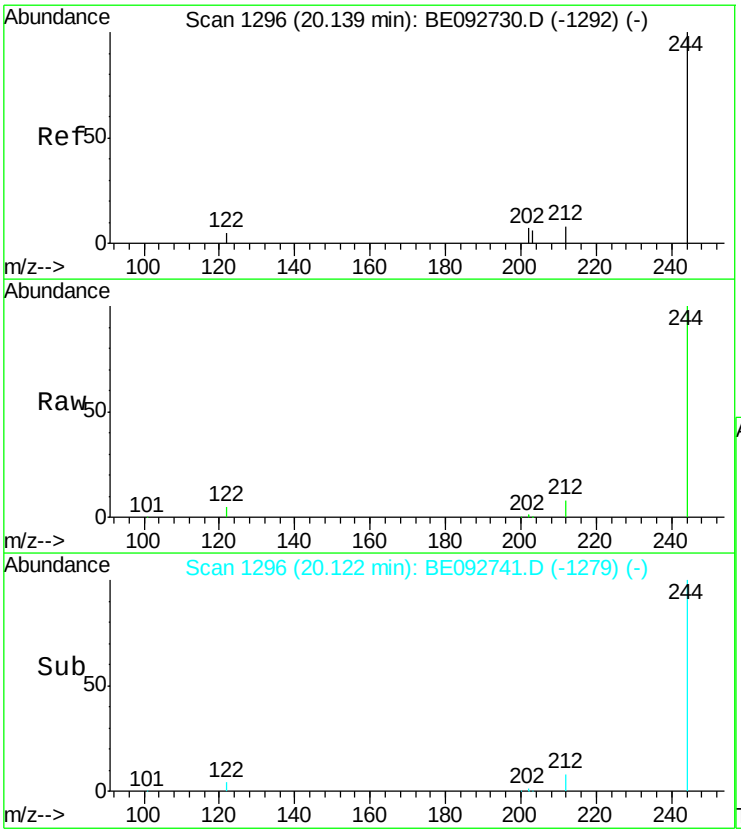
#25
Pyrene
Concen: 0.03 ng
RT: 19.92 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BE092741.D
Acq: 15 Feb 2017 20:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 1769

Ion	Ratio	Lower	Upper
202	100		
200	5.5	4.2	6.4
203	26.1	13.9	20.9#

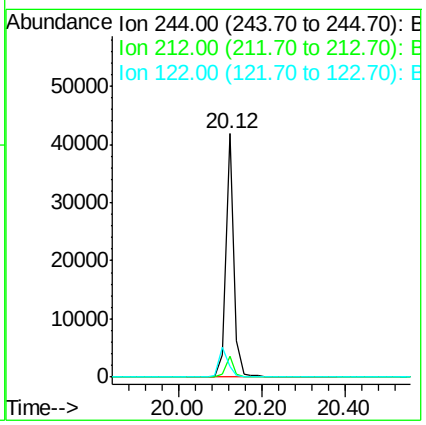


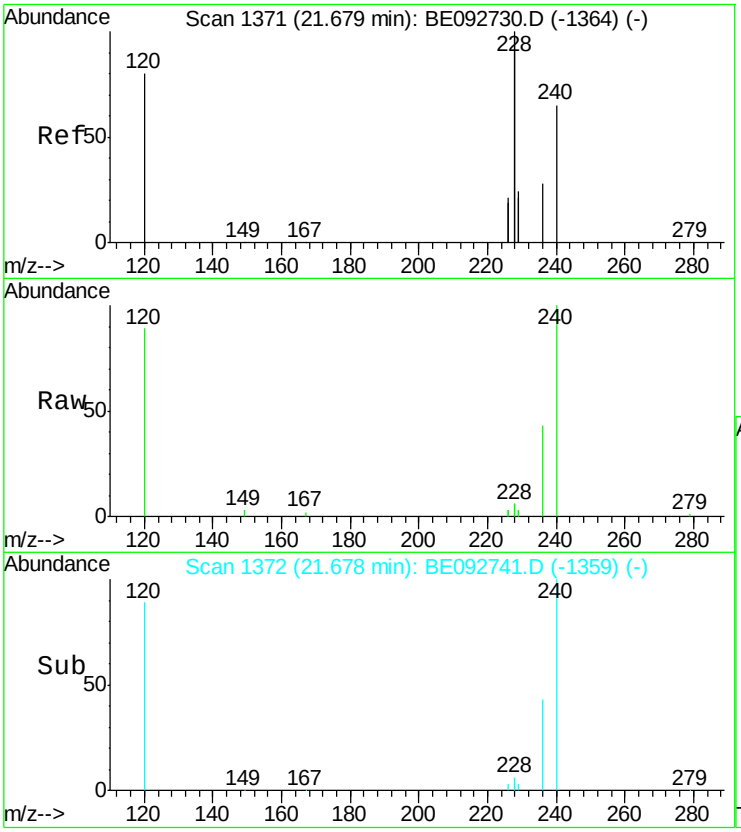


#26
Terphenyl-d14
Concen: 6.23 ng
RT: 20.12 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BE092741.D
Acq: 15 Feb 2017 20:00

Tgt Ion:244 Resp: 54366

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.7	10.1
122	4.6	3.6	5.4



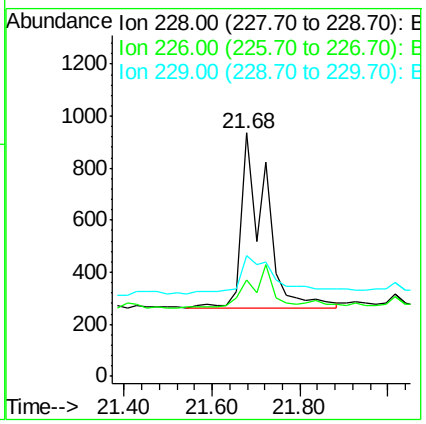


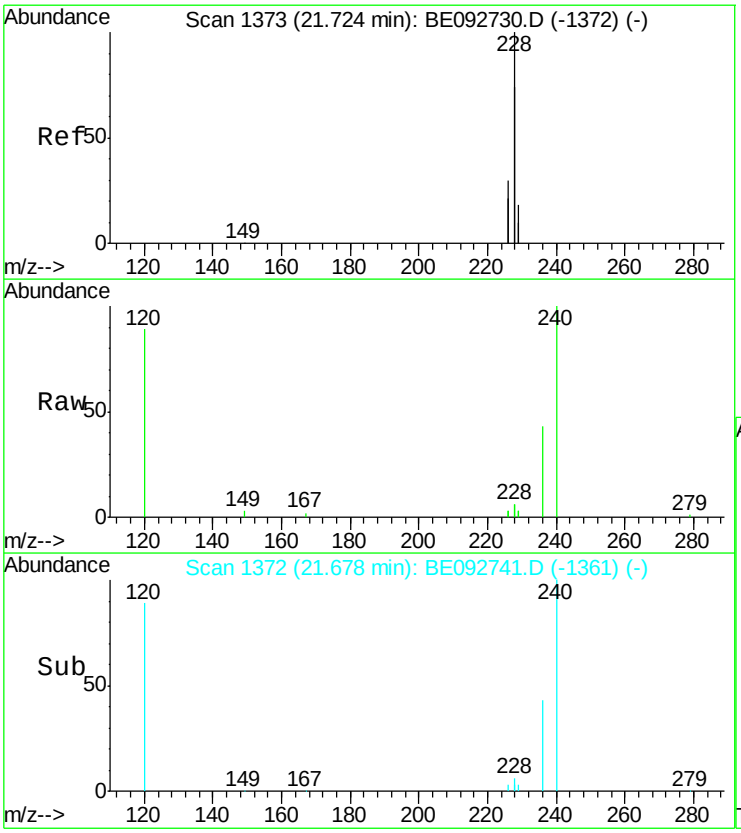
#27
Benzo(a)anthracene
Concen: 0.04 ng
RT: 21.68 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BE092741.D
Acq: 15 Feb 2017 20:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 2584

Ion	Ratio	Lower	Upper
228	100		
226	39.5	23.6	35.4#
229	49.6	13.3	19.9#

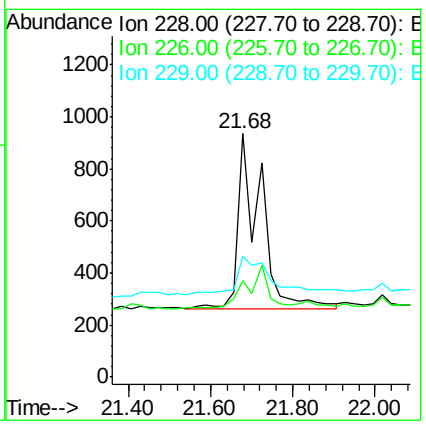


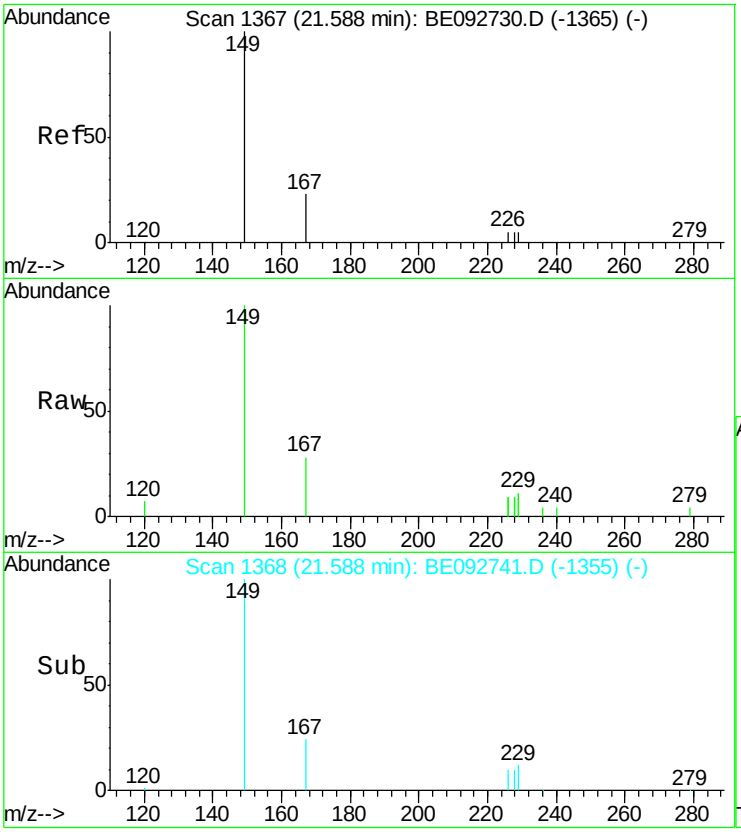


#28
Chrysene
Concen: 0.03 ng
RT: 21.68 min Scan# 1372
Delta R.T. -0.05 min
Lab File: BE092741.D
Acq: 15 Feb 2017 20:00

Tgt Ion:228 Resp: 2608

Ion	Ratio	Lower	Upper
228	100		
226	39.5	36.3	54.5
229	49.6	10.6	16.0#



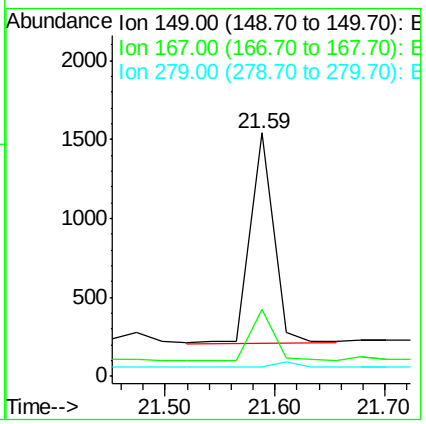


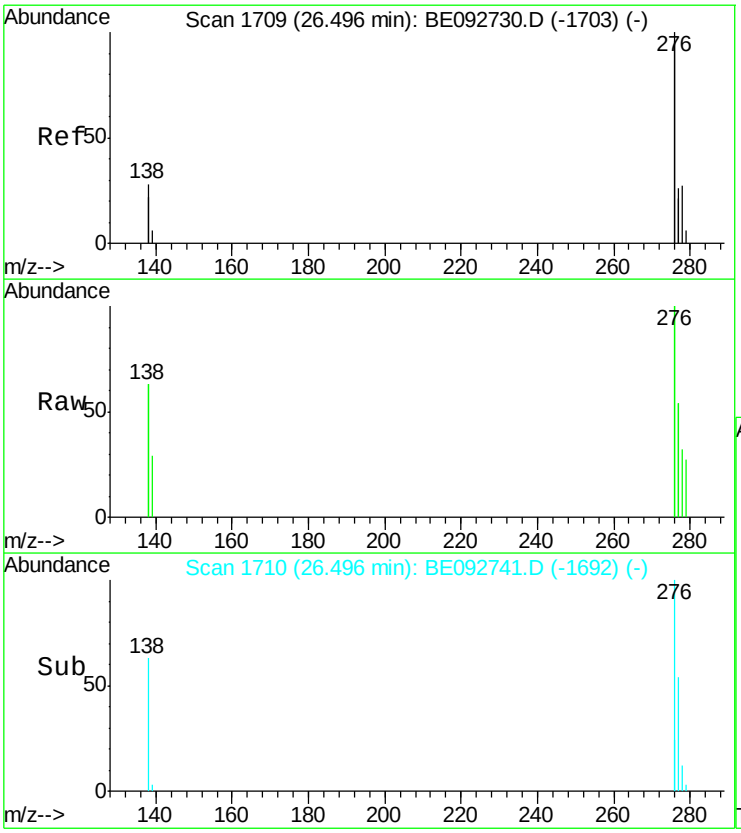
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.27 ng
RT: 21.59 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE092741.D
Acq: 15 Feb 2017 20:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 1949

Ion	Ratio	Lower	Upper
149	100		
167	23.7	16.0	24.0
279	0.0	16.0	24.0#

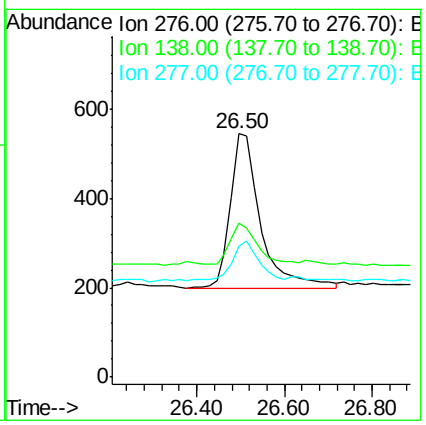


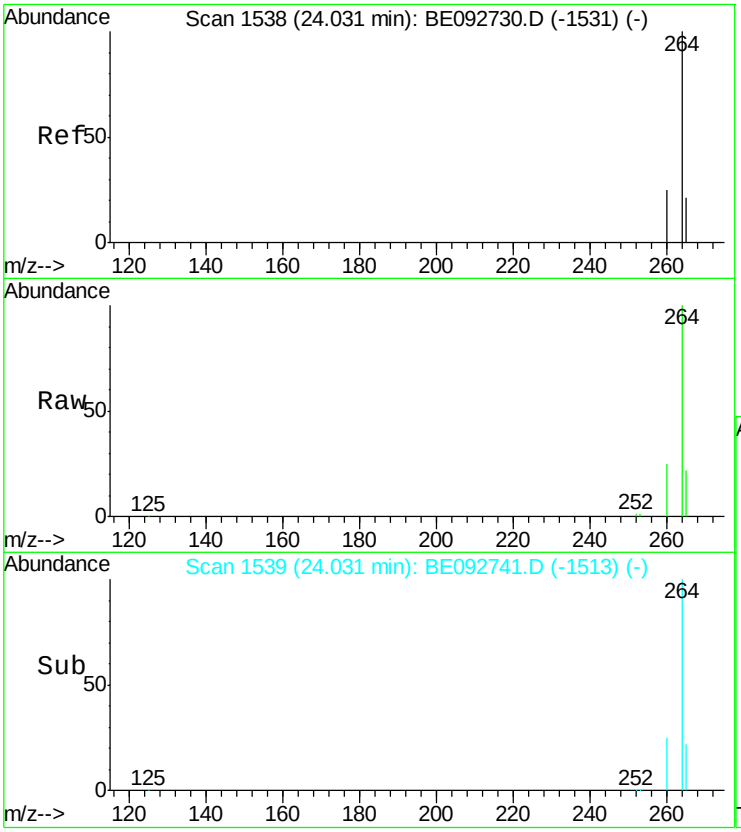


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng
RT: 26.50 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BE092741.D
Acq: 15 Feb 2017 20:00

Tgt Ion:276 Resp: 1642

Ion	Ratio	Lower	Upper
276	100		
138	24.4	20.3	30.5
277	22.7	19.7	29.5



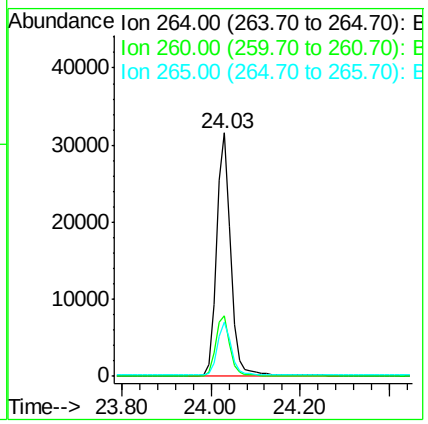


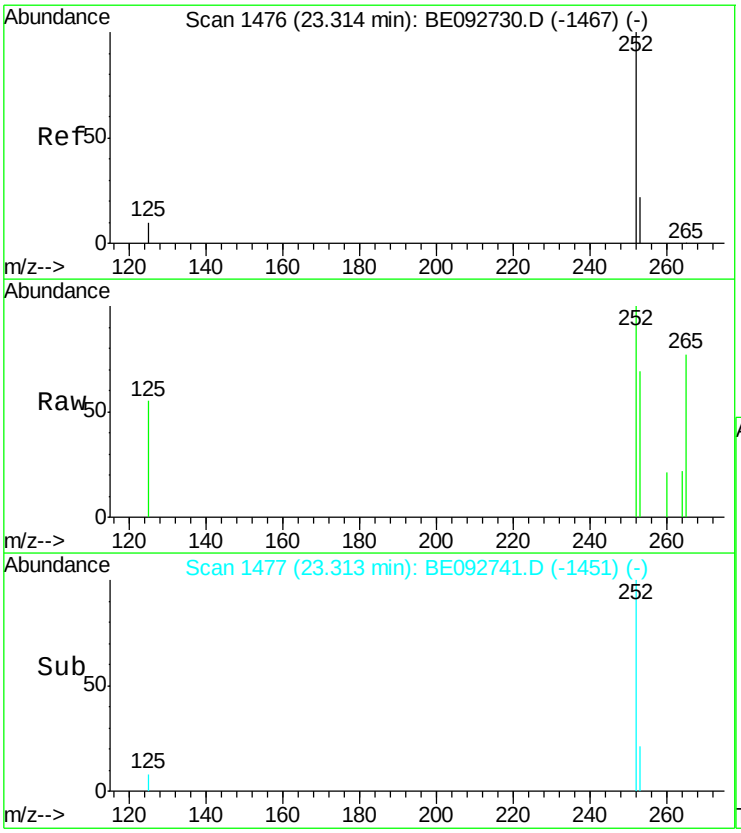
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.03 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BE092741.D
Acq: 15 Feb 2017 20:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 69365

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	22.2	17.9	26.9

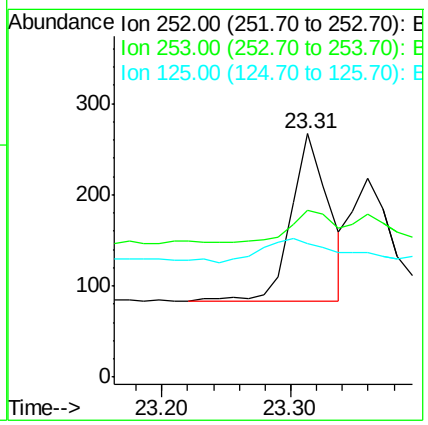


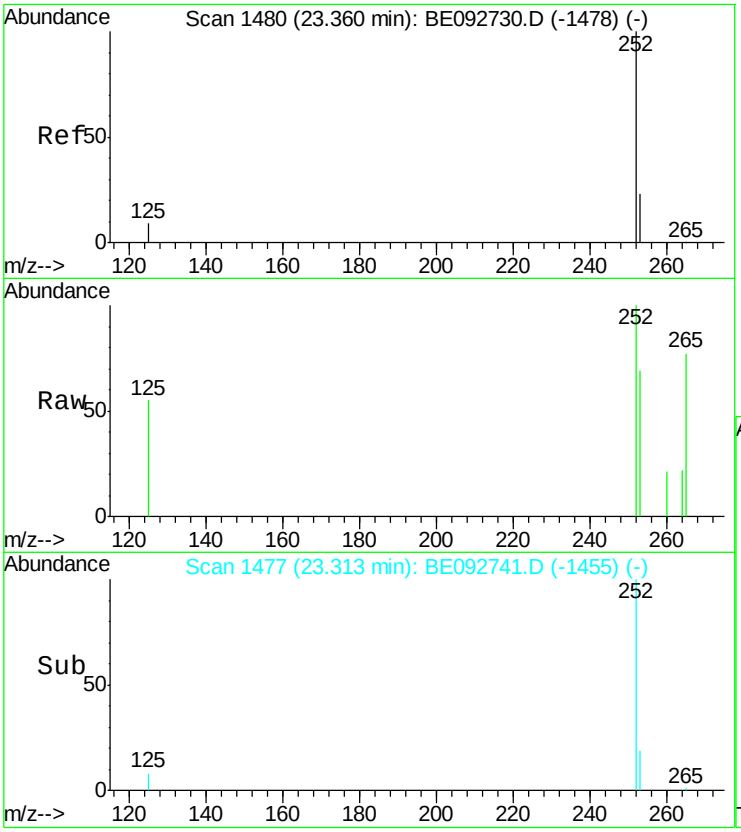


#32
Benzo(b)fluoranthene
Concen: 0.05 ng
RT: 23.31 min Scan# 1477
Delta R.T. 0.00 min
Lab File: BE092741.D
Acq: 15 Feb 2017 20:00

Tgt Ion:252 Resp: 378

Ion	Ratio	Lower	Upper
252	100		
253	68.5	18.7	28.1#
125	54.7	10.5	15.7#



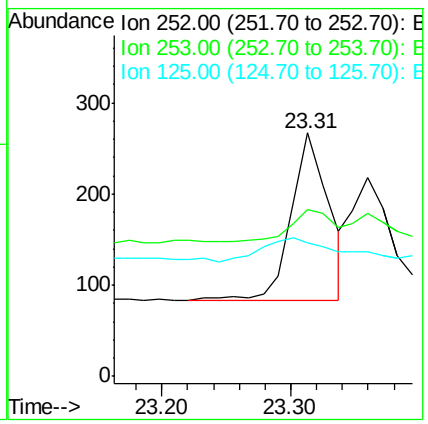


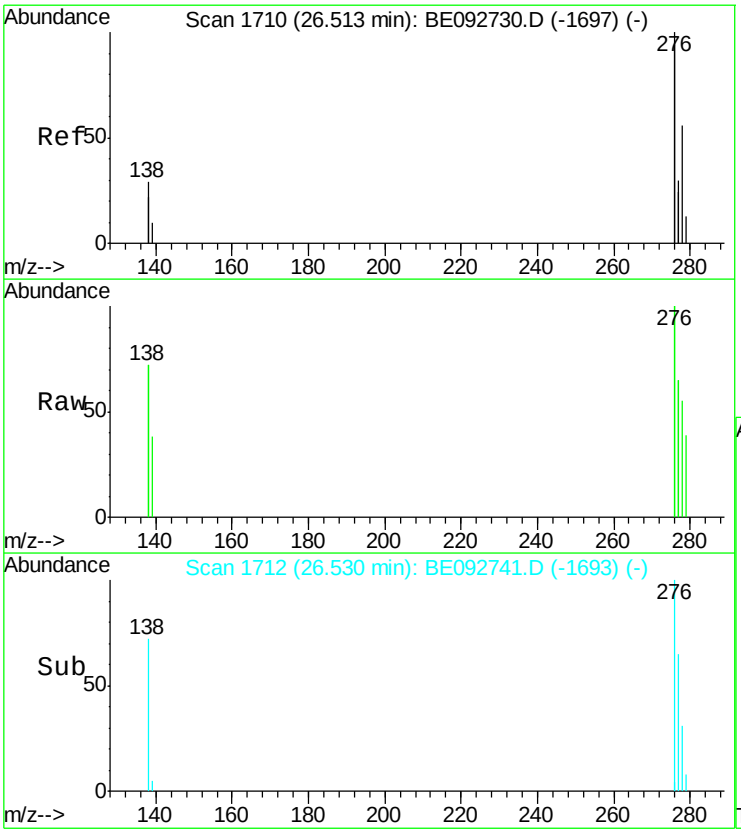
#33
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 23.31 min Scan# 1477
Delta R.T. -0.05 min
Lab File: BE092741.D
Acq: 15 Feb 2017 20:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 378

Ion	Ratio	Lower	Upper
252	100		
253	68.5	20.3	30.5#
125	54.7	9.6	14.4#

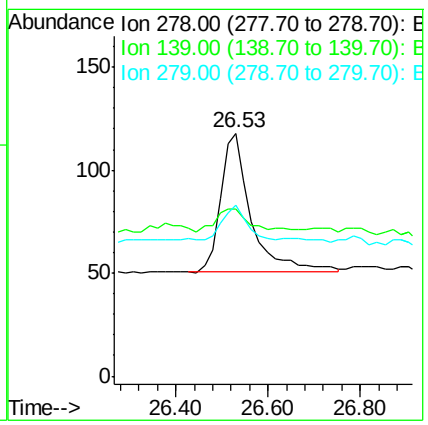


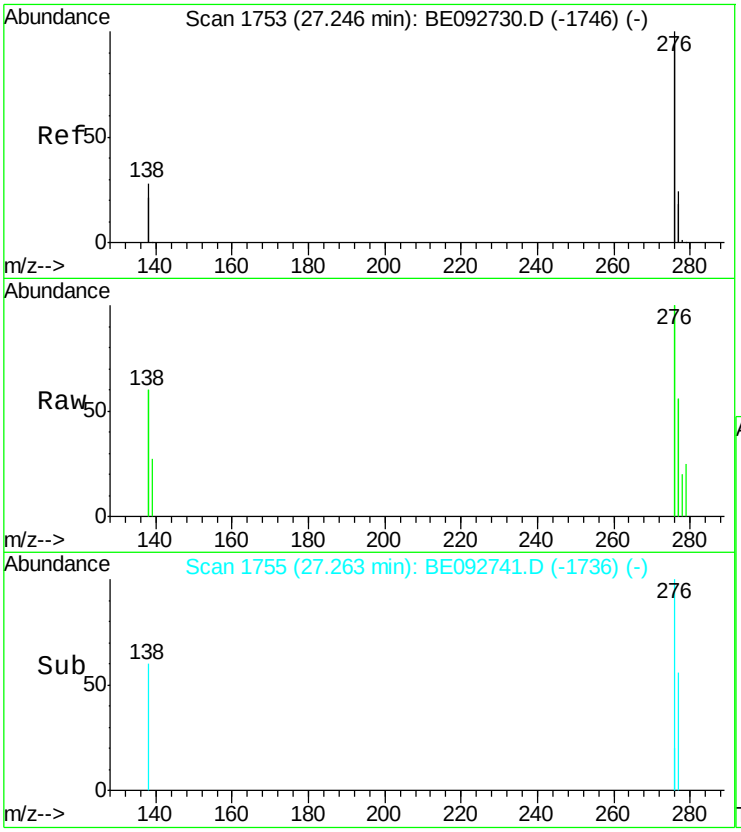


#35
Dibenzo(a,h)anthracene
Concen: 0.03 ng
RT: 26.53 min Scan# 1712
Delta R.T. 0.02 min
Lab File: BE092741.D
Acq: 15 Feb 2017 20:00

Tgt Ion:278 Resp: 303

Ion	Ratio	Lower	Upper
278	100		
139	68.6	13.8	20.8#
279	70.3	21.4	32.2#





#36
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 27.26 min Scan# 1755
Delta R.T. 0.02 min
Lab File: BE092741.D
Acq: 15 Feb 2017 20:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 1472

Ion	Ratio	Lower	Upper
276	100		
277	55.6	19.8	29.8#
138	59.8	19.8	29.6#