Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022017\
Data File : BE092746.D
Acq On : 20 Feb 2017 14:07
Operator : SJ/MA
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Feb 20 18:20:38 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	8630	5.00	ng		0.00
7) Naphthalene-d8	10.89	136	41089	5.00	ng		0.00
12) Acenaphthene-d10	14.76	164	25756	5.00	ng		0.00
18) Phenanthrene-d10	17.51	188	54000	5.00	ng		0.00
24) Chrysene-d12	21.70	240	58047	5.00	ng		0.00
31) Perylene-d12	24.03	264	61055	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.65	112	537	0.32	ng		0.01
5) Phenol-d6	7.31	99	716	0.35	ng		0.00
8) Nitrobenzene-d5	9.32	82	858	0.38	ng		0.00
13) 2,4,6-Tribromophenol	16.30	330	192	0.35	ng		0.01
14) 2-Fluorobiphenyl	13.40	172	2565	0.41	ng		0.00
26) Terphenyl-d14	20.14	244	2964	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	577	0.49	ng		90
3) n-Nitrosodimethylamine	3.76	42	331	0.41	ng		93
6) bis(2-Chloroethyl)ether	7.54	93	818	0.36	ng	#	80
9) Naphthalene	10.93	128	3702	0.42	ng		98
10) Hexachlorobutadiene	11.22	225	543	0.42	ng		99
11) 2-Methylnaphthalene	12.59	142	2182	0.39	ng		99
15) Acenaphthylene	14.47	152	15461	0.40	ng		100
16) Acenaphthene	14.82	154	2287	0.40	ng		87
17) Fluorene	15.82	166	2863	0.39	ng		99
19) Hexachlorobenzene	16.84	284	893	0.43	ng	#	39
20) Pentachlorophenol	17.42	266	70	0.37	ng	#	79
21) Phenanthrene	17.56	178	5199	0.41	ng		95
22) Anthracene	17.56	178	5199	0.44	ng		98
23) Fluoranthene	19.56	202	21367	0.39	ng		98
25) Pyrene	19.92	202	22341	0.40	ng		99
27) Benzo(a)anthracene	21.72	228	50814	0.90	ng		97
28) Chrysene	21.72	228	51016	0.76	ng	#	77
29) Bis(2-ethylhexyl)phthalate	21.59	149	2529	0.38	ng	#	75
30) Indeno(1,2,3-cd)pyrene	26.50	276	26474	0.41	ng		97
32) Benzo(b)fluoranthene	23.31	252	6203	0.42	ng		97
33) Benzo(k)fluoranthene	23.36	252	6209	0.37	ng		99
34) Benzo(a)pyrene	23.91	252	5466	0.35	ng		99
35) Dibenzo(a,h)anthracene	26.51	278	5463	0.36	ng	#	96
36) Benzo(g,h,i)perylene	27.25	276	23915	0.38	ng		98

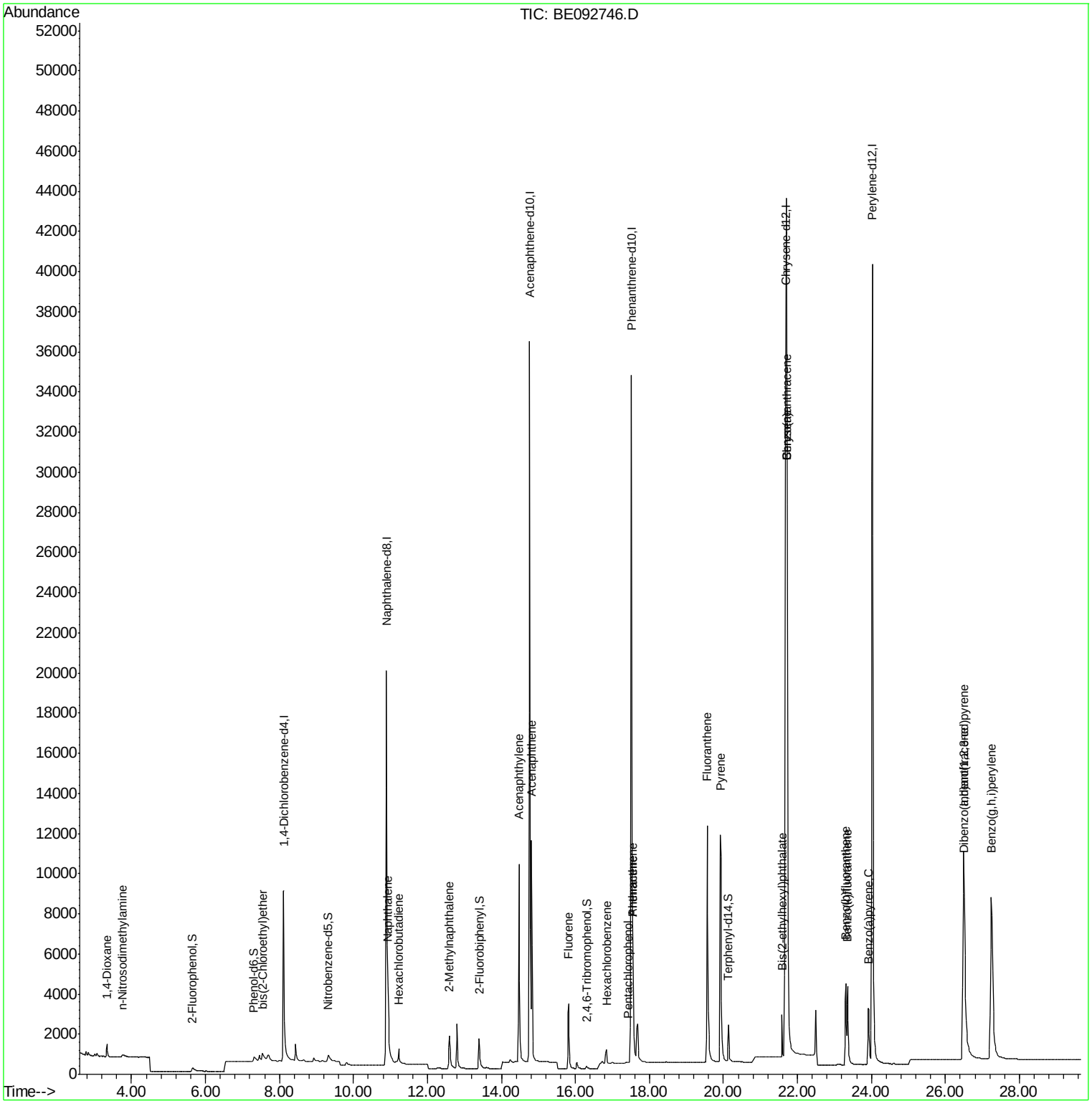
(#) = qualifier out of range (m) = manual integration (+) = signals summed

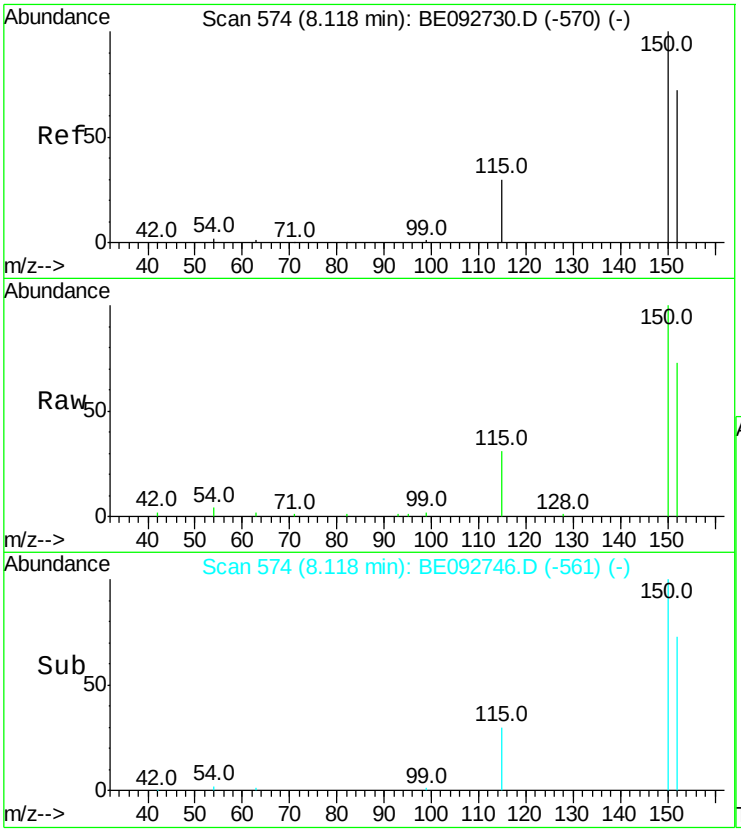
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022017\
Data File : BE092746.D
Acq On : 20 Feb 2017 14:07
Operator : SJ/MA
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Feb 20 18:20:38 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



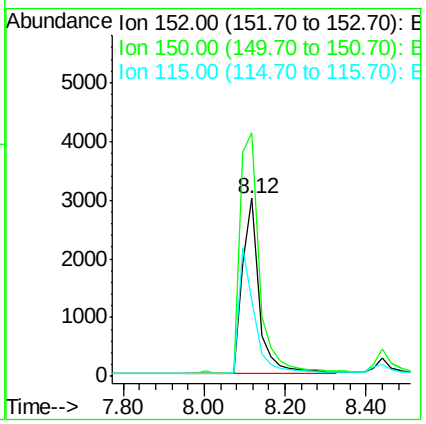


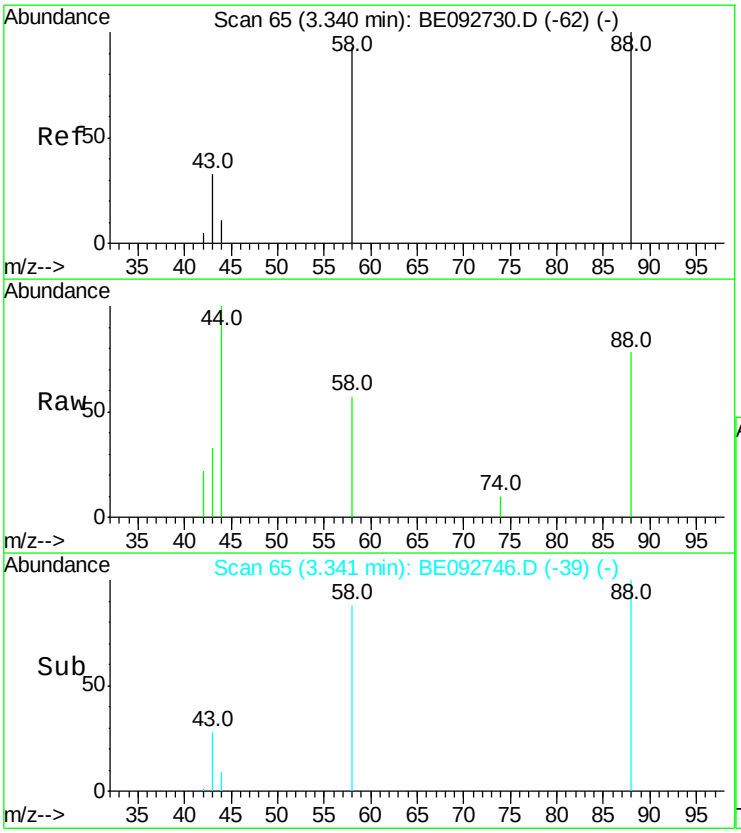
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.12 min Scan# 574
Delta R.T. 0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 8630

Ion	Ratio	Lower	Upper
152	100		
150	136.7	106.0	159.0
115	42.7	31.2	46.8

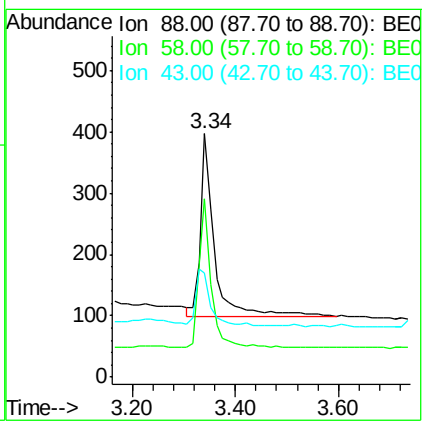


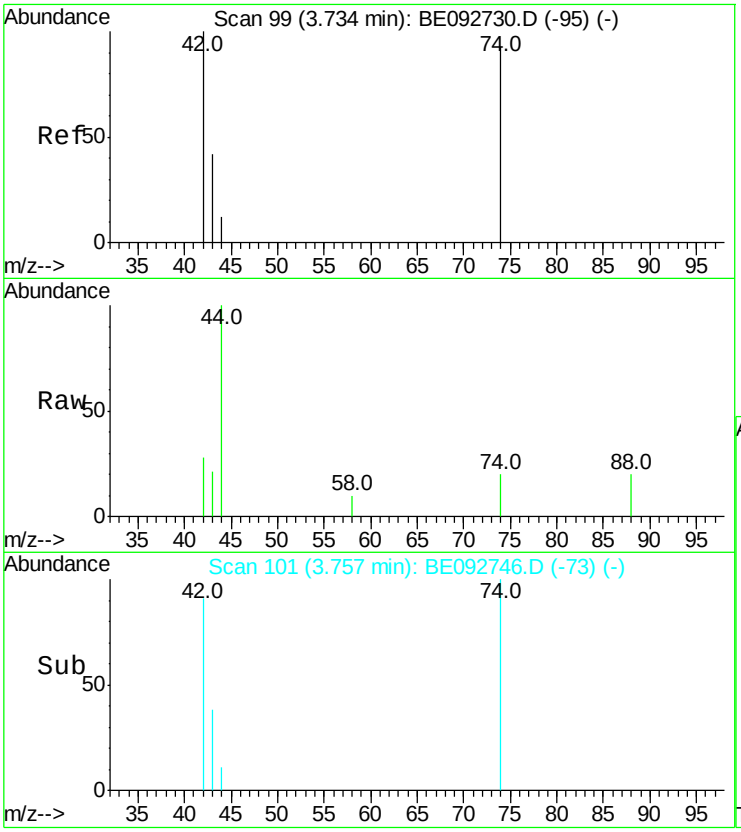


#2
1,4-Dioxane
Concen: 0.49 ng
RT: 3.34 min Scan# 65
Delta R.T. 0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Tgt Ion: 88 Resp: 577

Ion	Ratio	Lower	Upper
88	100		
58	69.7	63.6	95.4
43	31.0	28.0	42.0



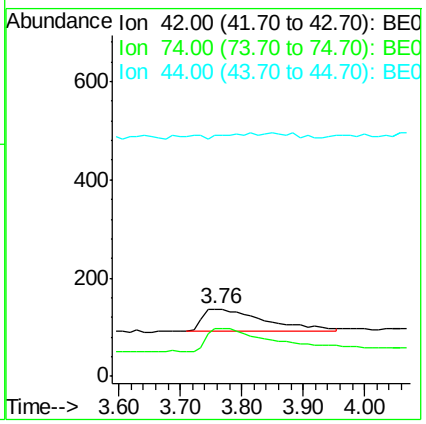


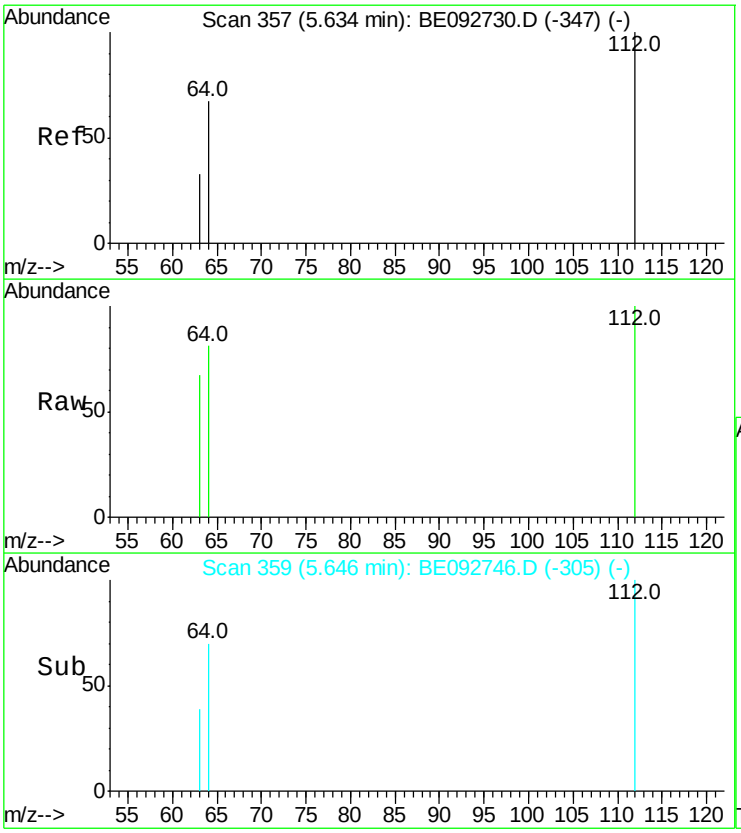
#3
n-Nitrosodimethylamine
Concen: 0.41 ng
RT: 3.76 min Scan# 101
Delta R.T. 0.02 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 331

Ion	Ratio	Lower	Upper
42	100		
74	114.8	86.0	129.0
44	5.7	5.1	7.7

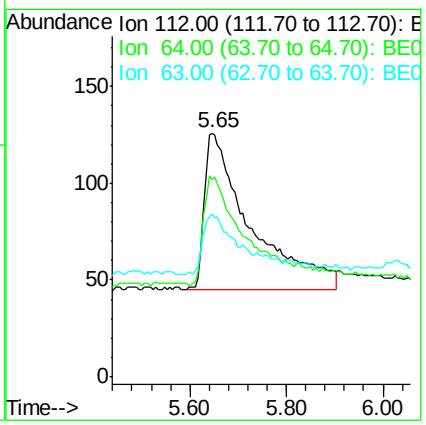


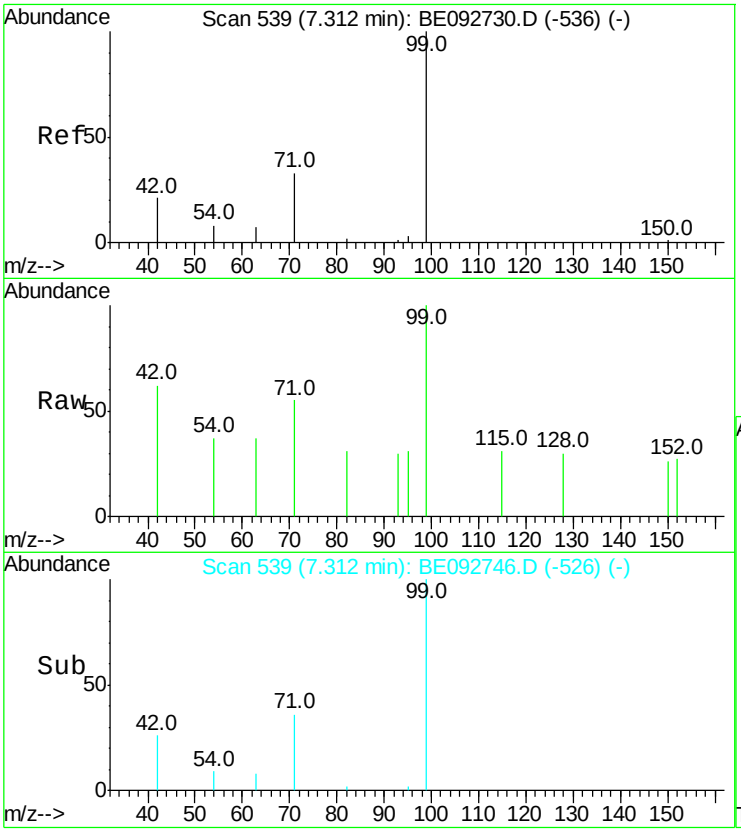


#4
2-Fluorophenol
Concen: 0.32 ng
RT: 5.65 min Scan# 359
Delta R.T. 0.01 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Tgt Ion:112 Resp: 537

Ion	Ratio	Lower	Upper
112	100		
64	62.2	53.5	80.3
63	26.3	27.9	41.9#



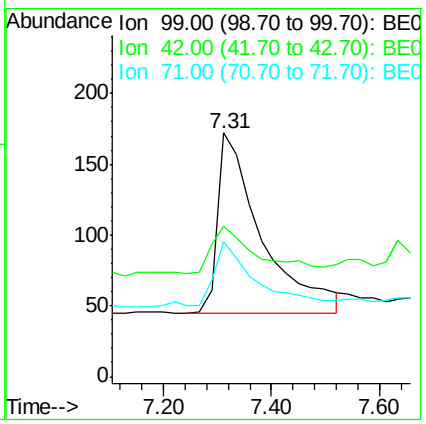


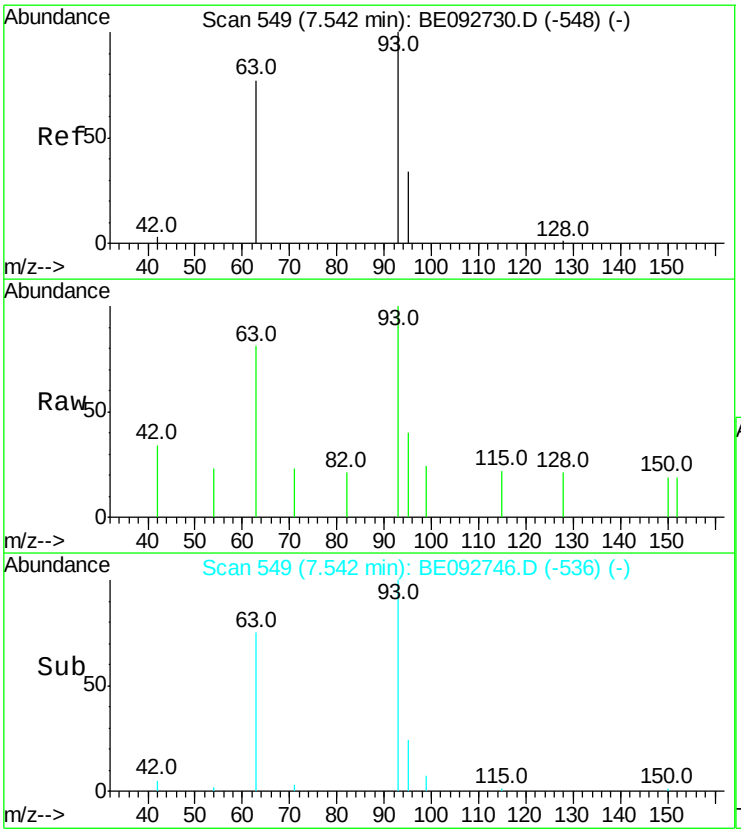
#5
Phenol-d6
Concen: 0.35 ng
RT: 7.31 min Scan# 539
Delta R.T. 0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 716

Ion	Ratio	Lower	Upper
99	100		
42	27.2	16.0	24.0#
71	35.9	30.6	45.8

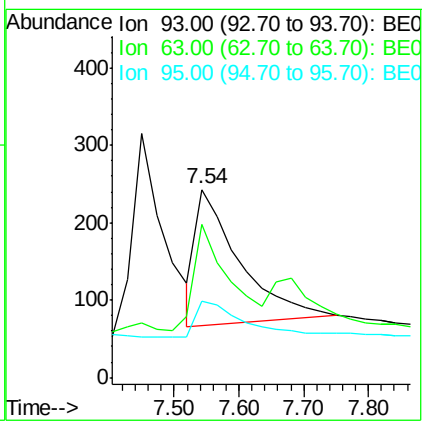


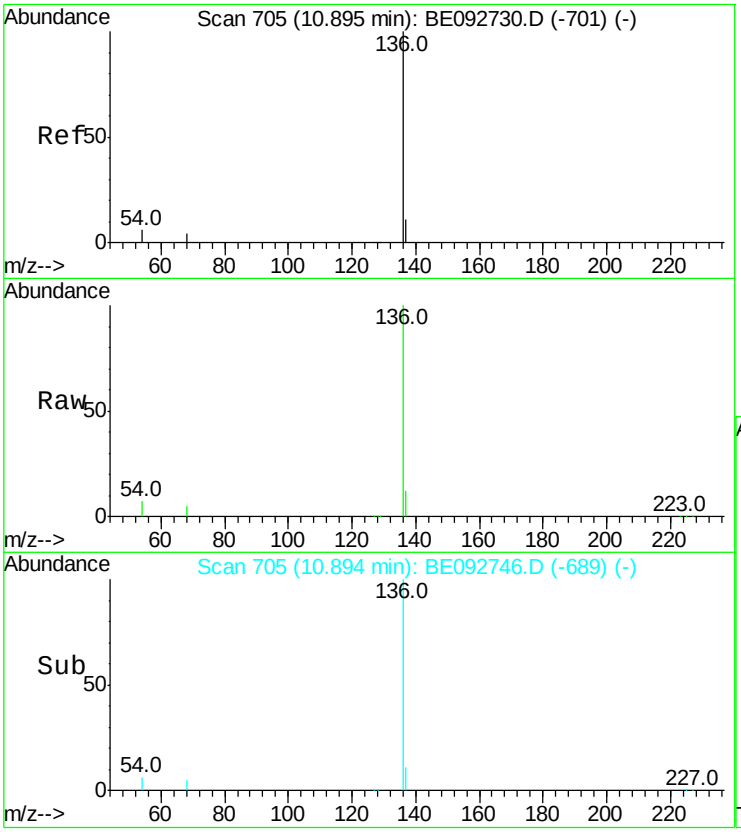


#6
bis(2-Chloroethyl)ether
Concen: 0.36 ng
RT: 7.54 min Scan# 549
Delta R.T. 0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Tgt Ion: 93 Resp: 818

Ion	Ratio	Lower	Upper
93	100		
63	65.3	71.6	107.4#
95	29.3	24.0	36.0



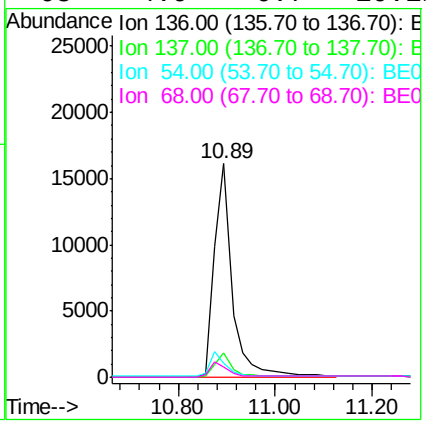


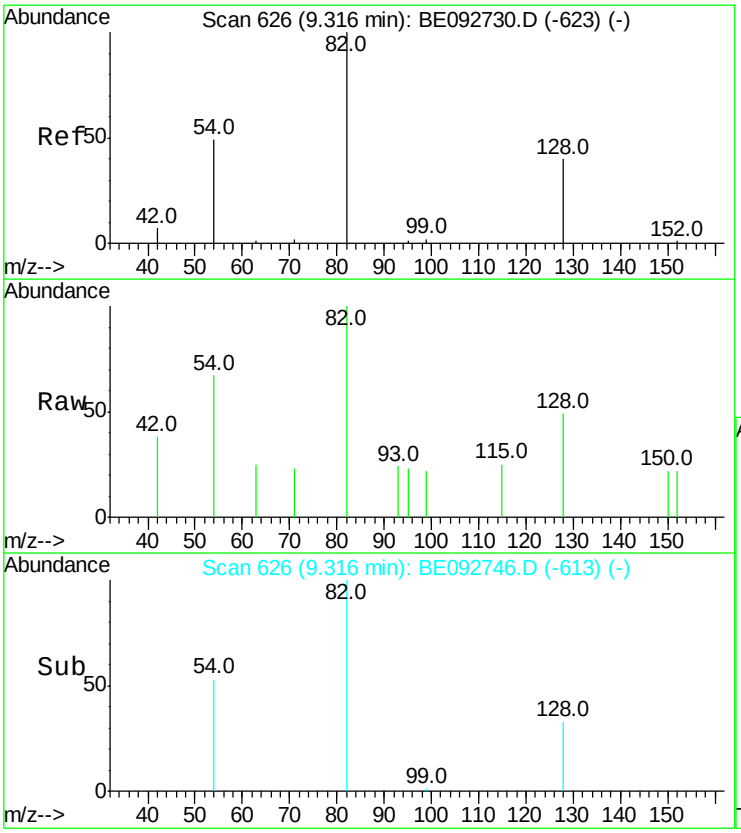
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.89 min Scan# 705
Delta R.T. -0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 41089

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.2	12.4
54	6.5	9.6	14.4#
68	4.9	6.7	10.1#

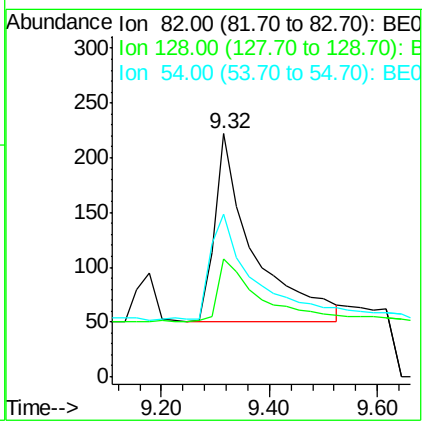


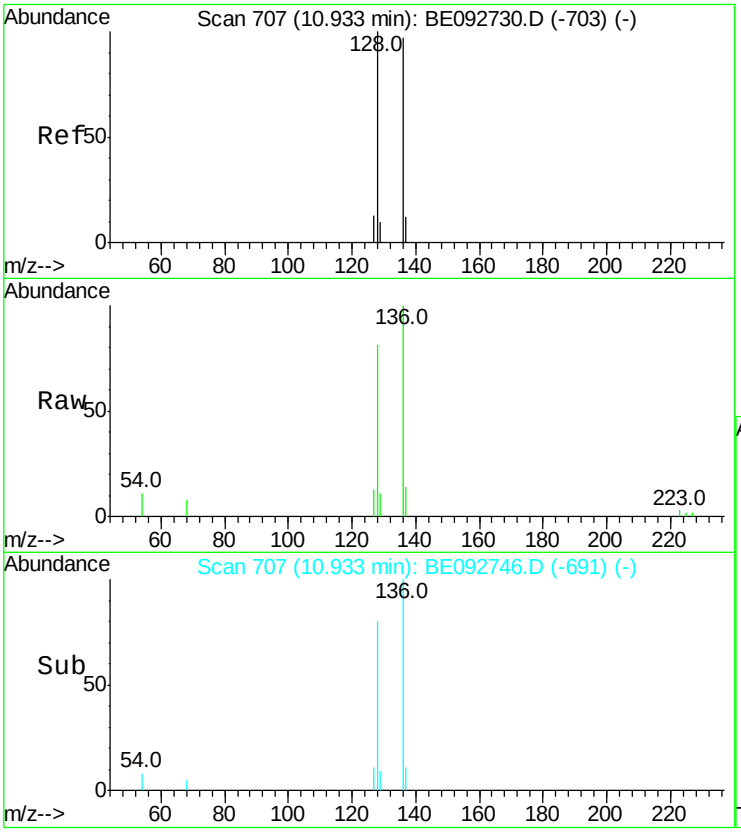


#8
Nitrobenzene-d5
Concen: 0.38 ng
RT: 9.32 min Scan# 626
Delta R.T. 0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Tgt Ion: 82 Resp: 858

Ion	Ratio	Lower	Upper
82	100		
128	48.6	39.0	58.4
54	66.7	44.8	67.2



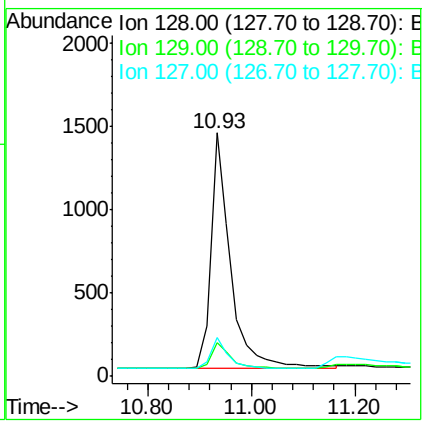


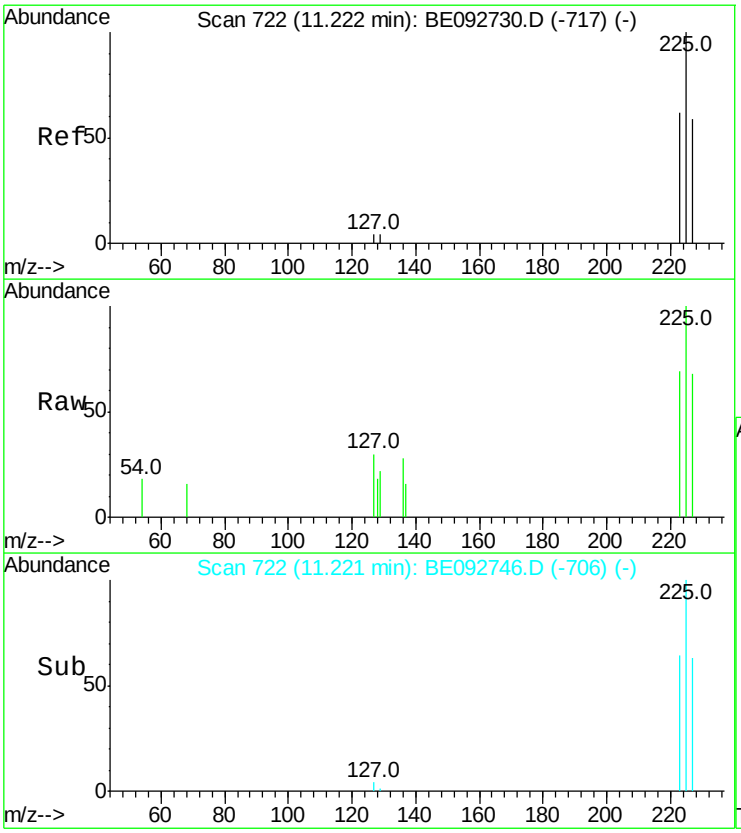
#9
Naphthalene
Concen: 0.42 ng
RT: 10.93 min Scan# 707
Delta R.T. -0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 3702

Ion	Ratio	Lower	Upper
128	100		
129	13.6	11.2	16.8
127	16.0	11.6	17.4

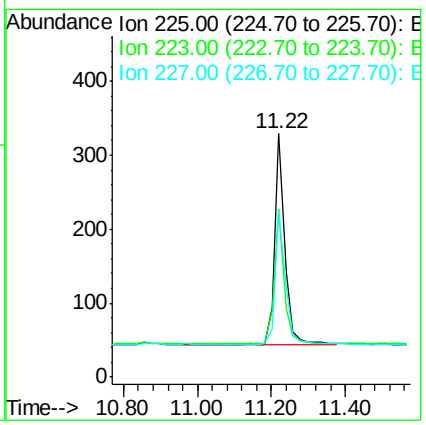


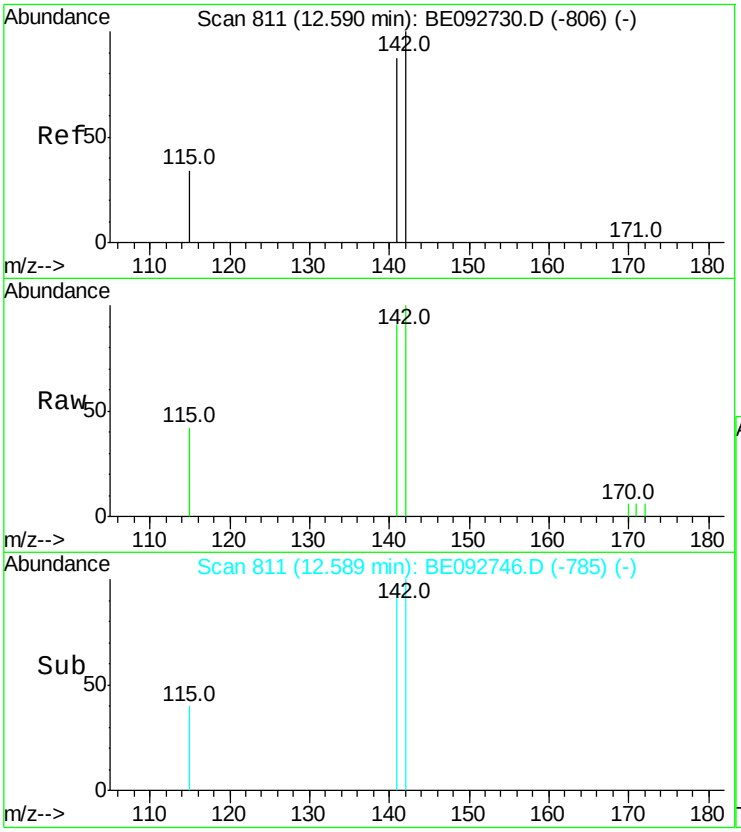


#10
Hexachlorobutadiene
Concen: 0.42 ng
RT: 11.22 min Scan# 722
Delta R.T. -0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Tgt Ion:225 Resp: 543

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	65.0	51.4	77.0



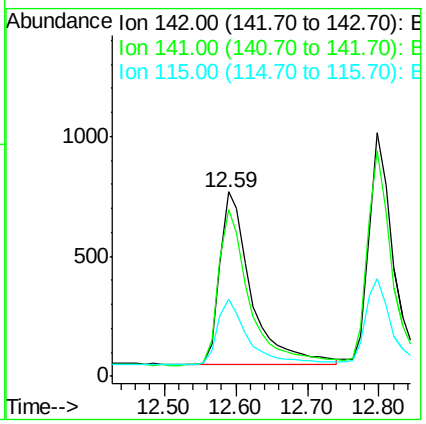


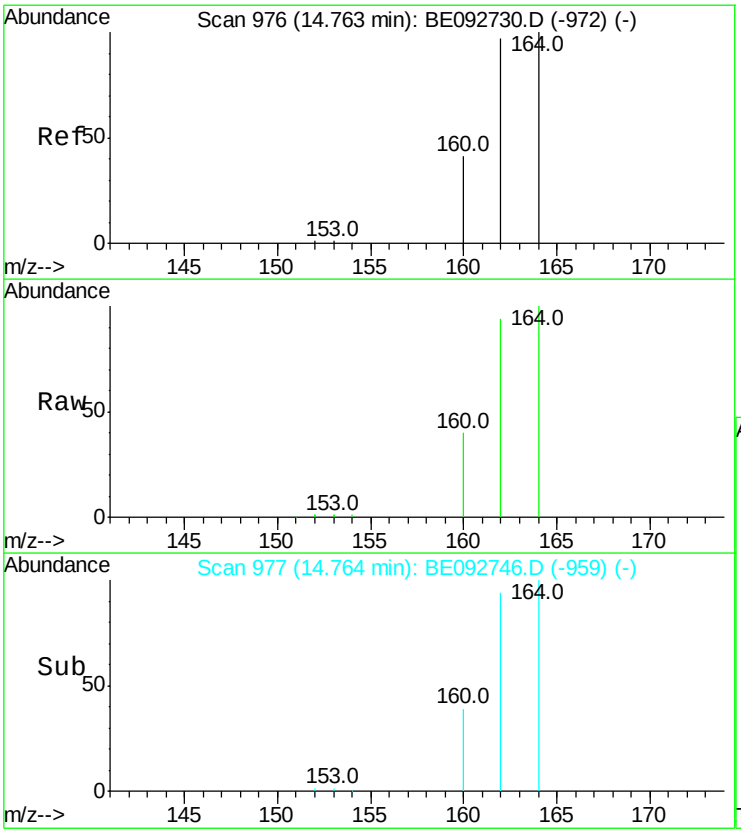
#11
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.59 min Scan# 811
Delta R.T. -0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:142 Resp: 2182

Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.7	110.5
115	42.1	34.0	51.0

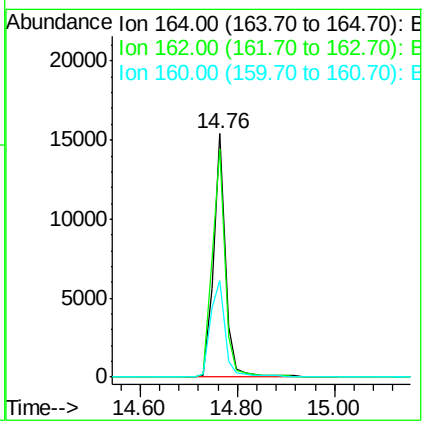


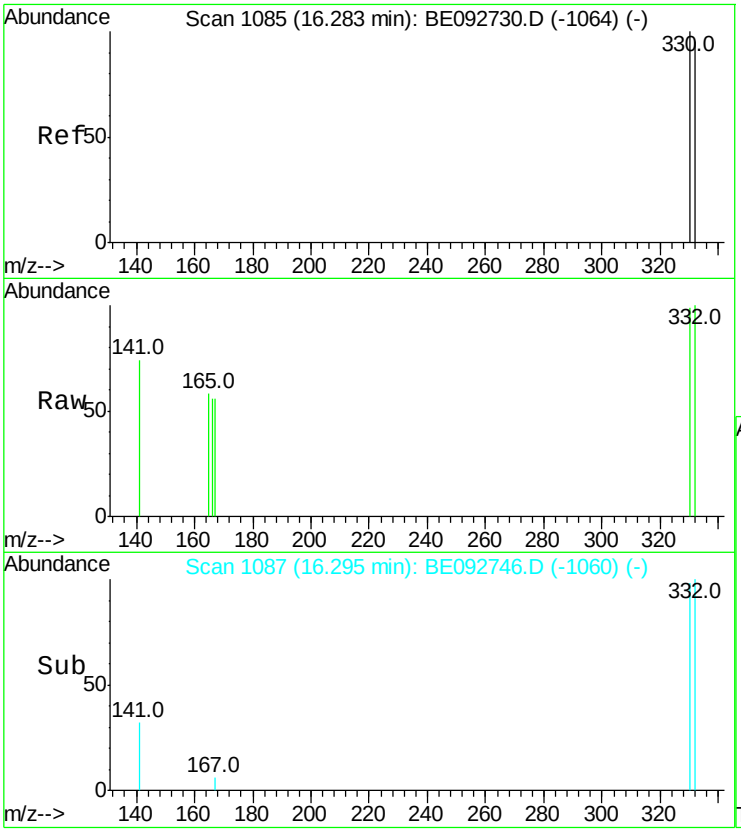


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.76 min Scan# 977
Delta R.T. 0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Tgt Ion:164 Resp: 25756

Ion	Ratio	Lower	Upper
164	100		
162	93.9	71.4	107.0
160	39.5	27.4	41.2



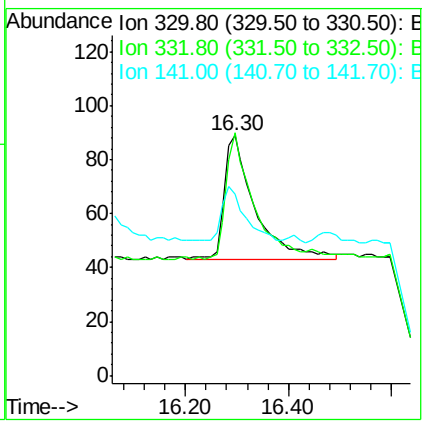


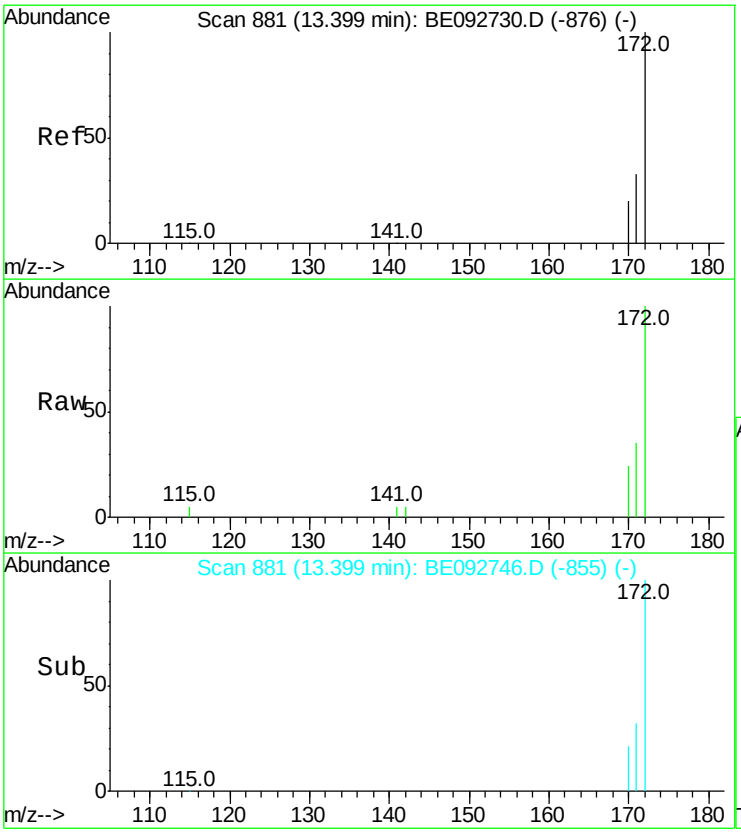
#13
2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 16.30 min Scan# 1087
Delta R.T. 0.01 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:330 Resp: 192

Ion	Ratio	Lower	Upper
330	100		
332	91.1	75.4	113.0
141	31.3	31.0	46.6

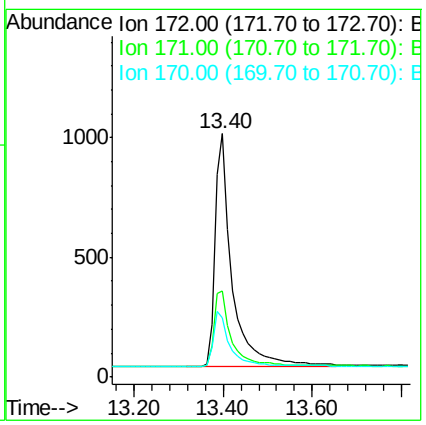


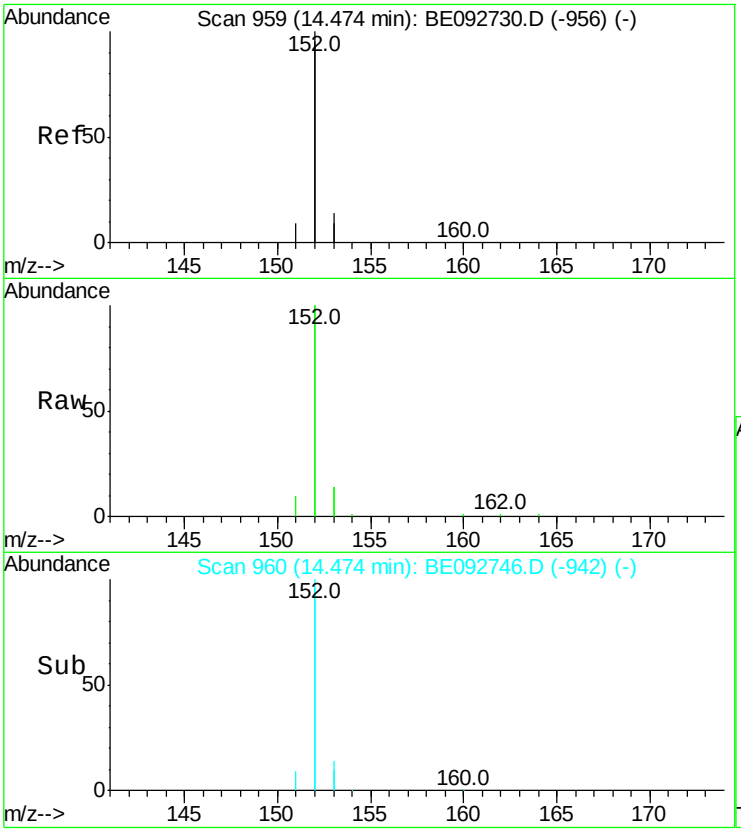


#14
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 13.40 min Scan# 881
Delta R.T. -0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Tgt Ion:172 Resp: 2565

Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.1	45.1
170	24.2	21.8	32.6



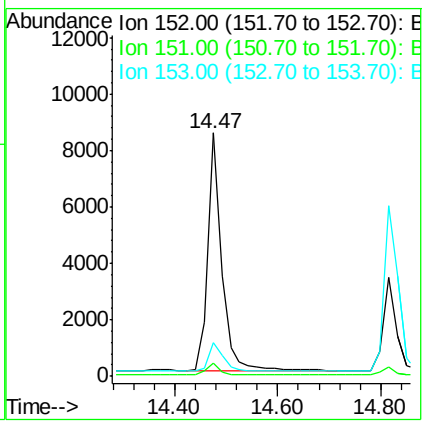


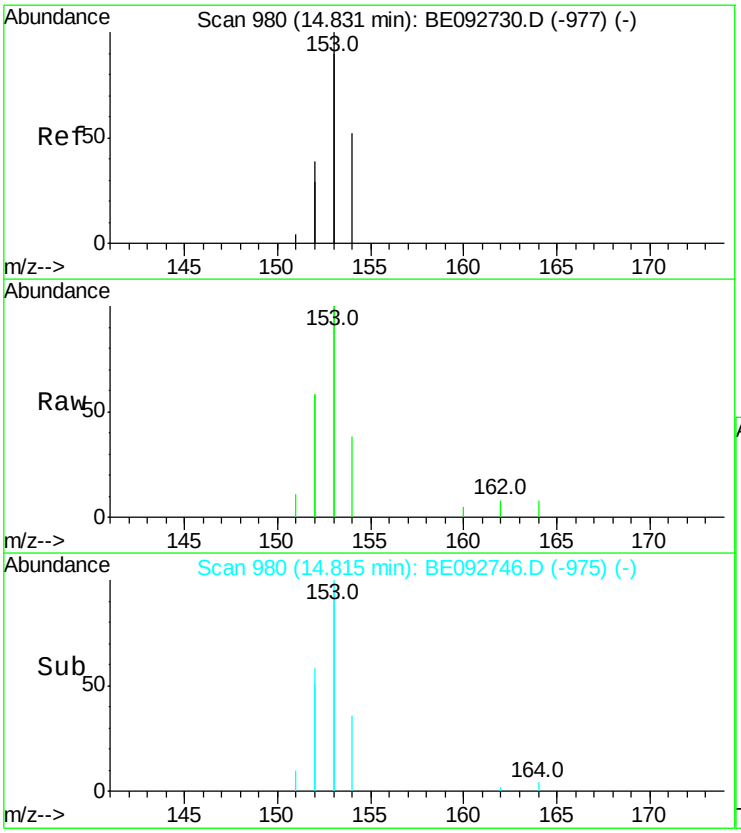
#15
Acenaphthylene
Concen: 0.40 ng
RT: 14.47 min Scan# 960
Delta R.T. 0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 15461

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.9	5.9
153	12.9	10.4	15.6

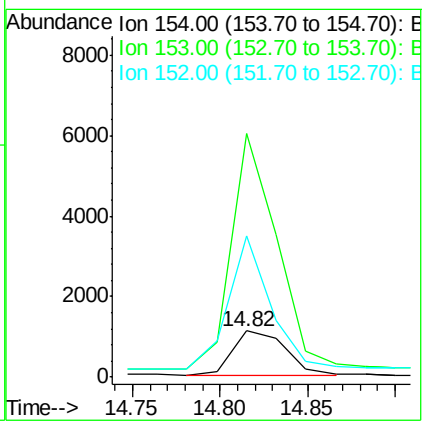


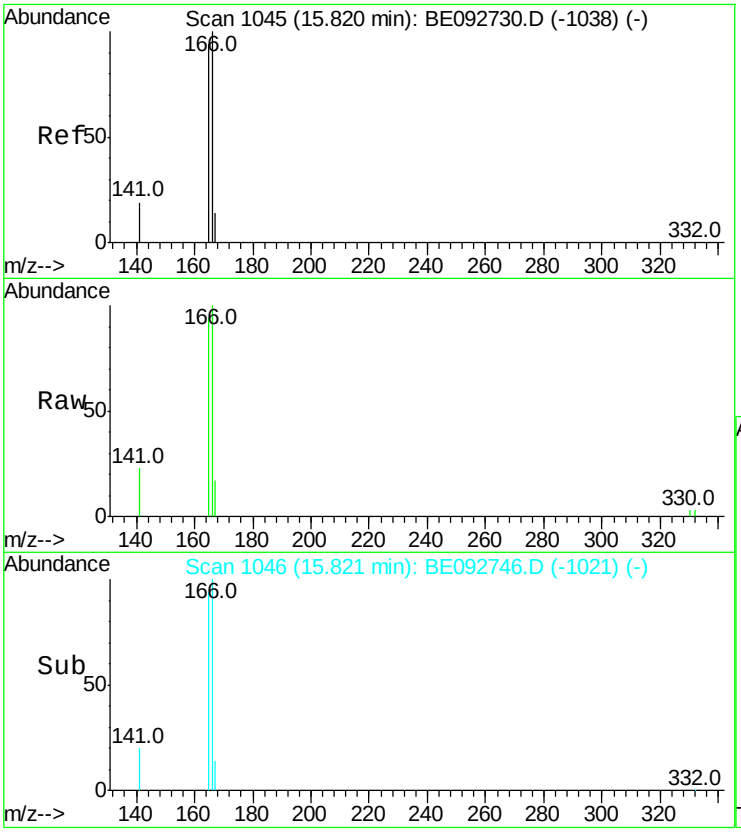


#16
Acenaphthene
Concen: 0.40 ng
RT: 14.82 min Scan# 980
Delta R.T. -0.02 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Tgt Ion:154 Resp: 2287

Ion	Ratio	Lower	Upper
154	100		
153	467.2	350.8	526.2
152	242.0	171.1	256.7



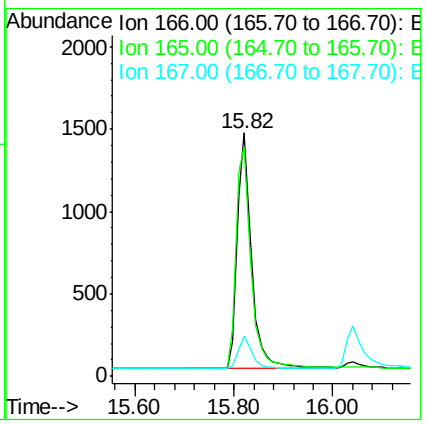


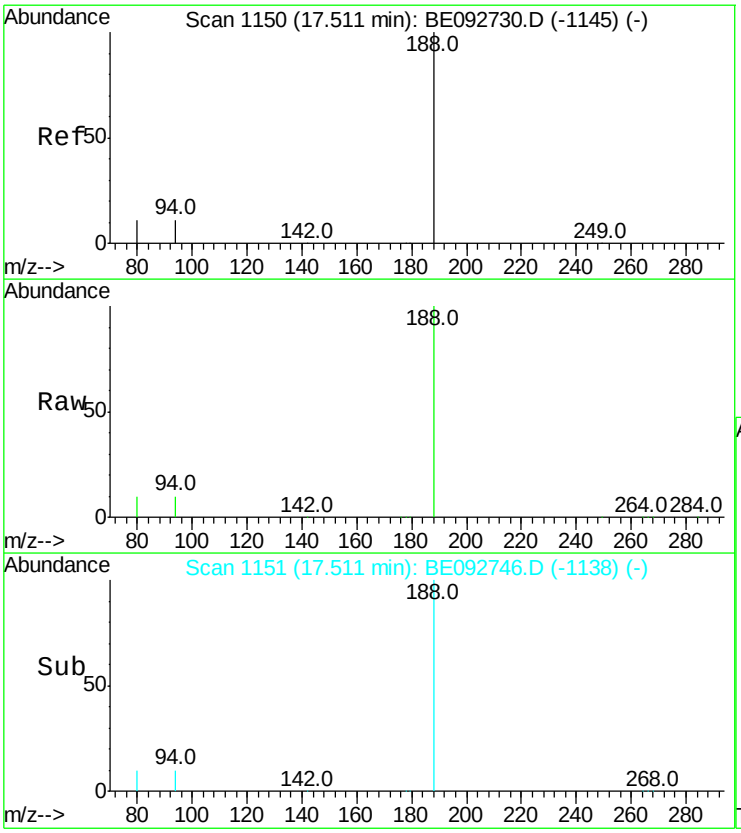
#17
Fluorene
Concen: 0.39 ng
RT: 15.82 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:166 Resp: 2863

Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.2	117.4
167	13.4	11.0	16.4

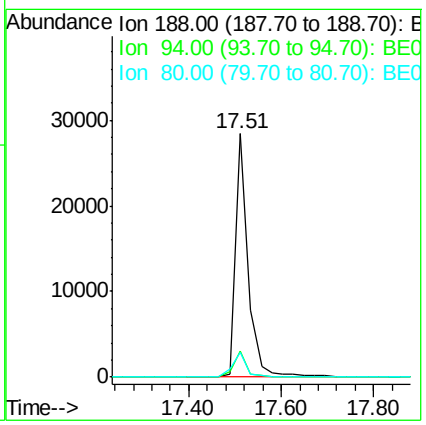


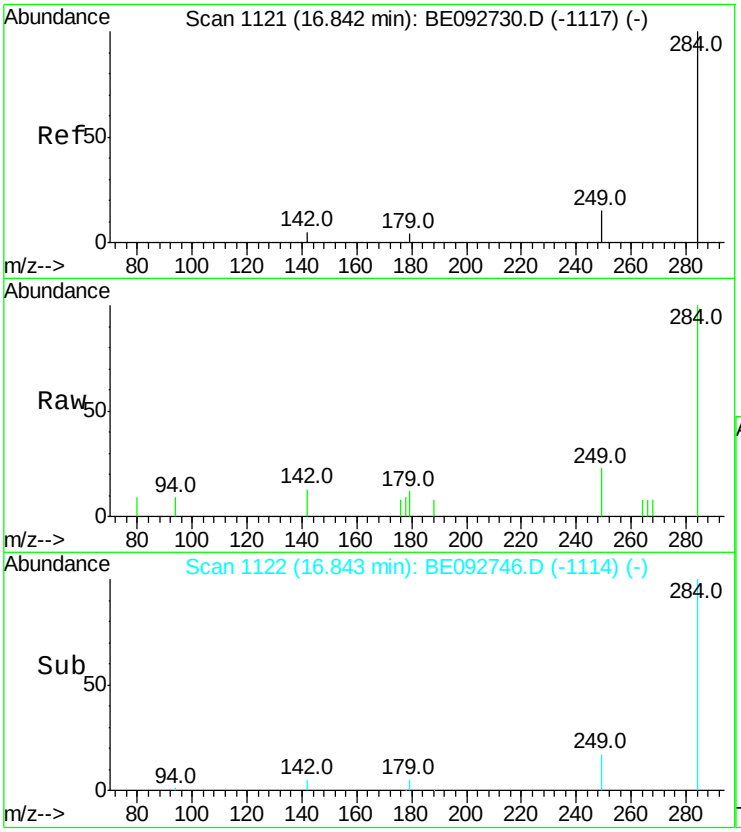


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.51 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Tgt Ion:188 Resp: 54000

Ion	Ratio	Lower	Upper
188	100		
94	10.5	3.2	4.8#
80	10.2	2.6	3.8#



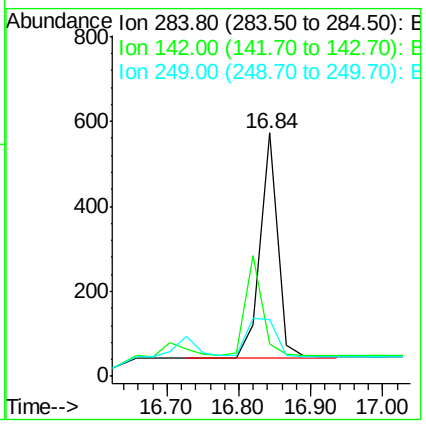


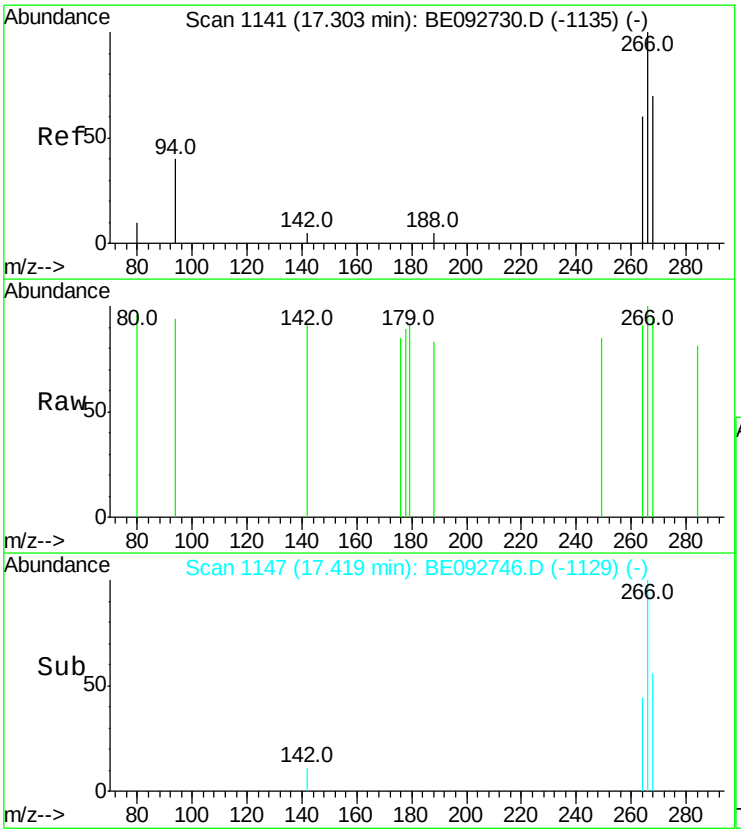
#19
Hexachlorobenzene
Concen: 0.43 ng
RT: 16.84 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 893

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

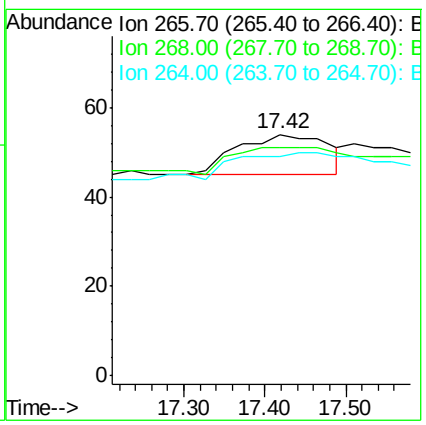


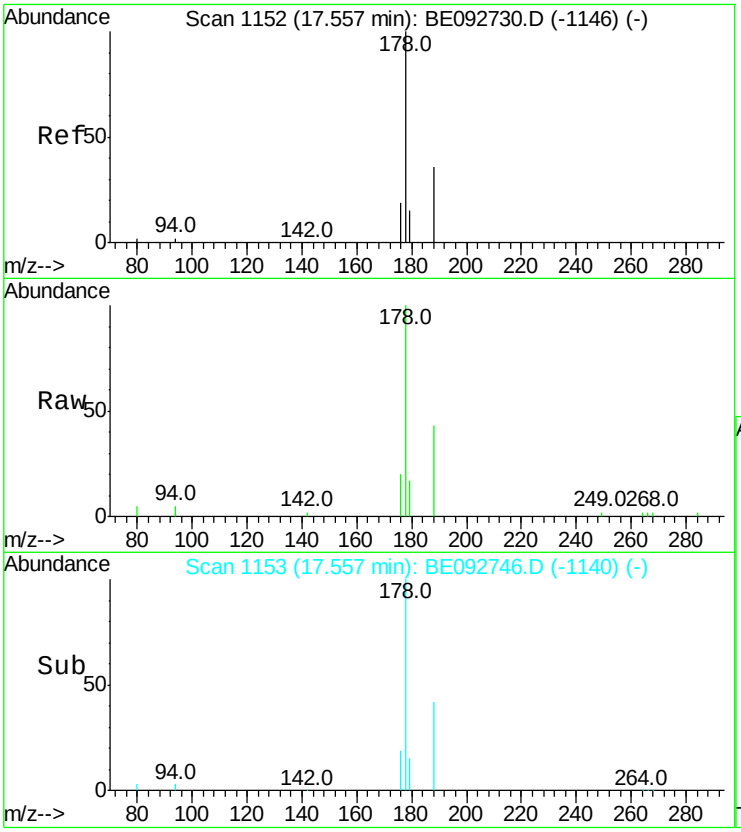


#20
Pentachlorophenol
Concen: 0.37 ng
RT: 17.42 min Scan# 1147
Delta R.T. 0.12 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Tgt Ion:266 Resp: 70

Ion	Ratio	Lower	Upper
266	100		
268	94.4	62.5	93.7#
264	90.7	57.2	85.8#



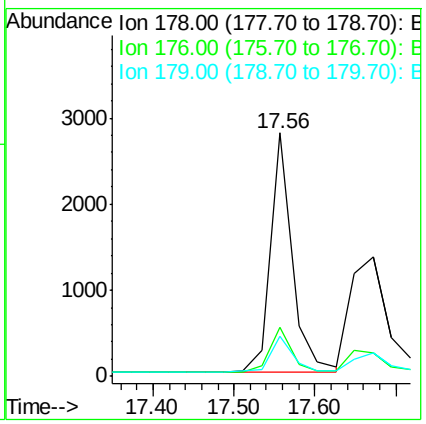


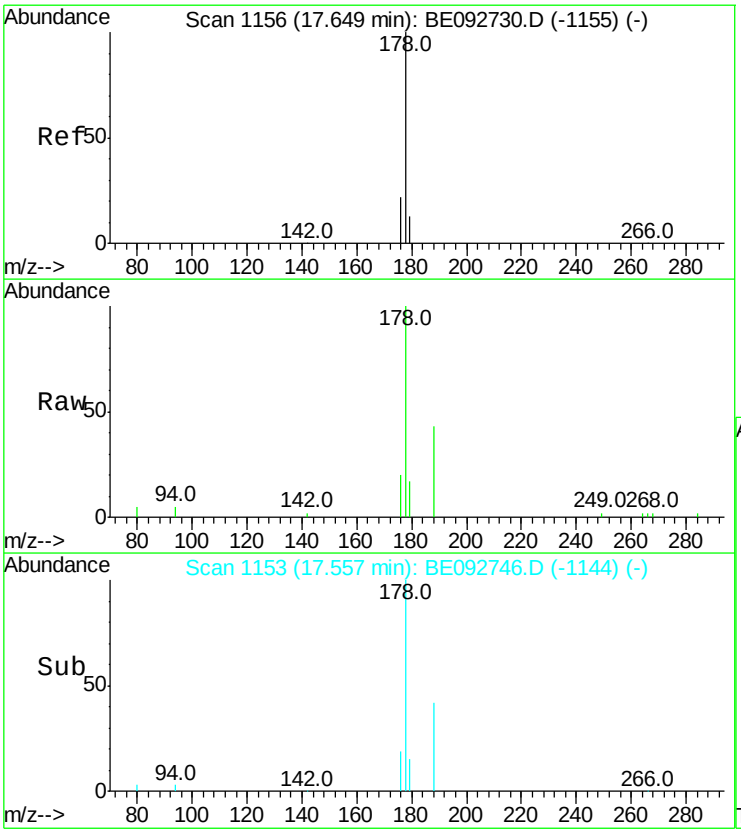
#21
Phenanthrene
Concen: 0.41 ng
RT: 17.56 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 5199

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	16.0	16.0	24.0

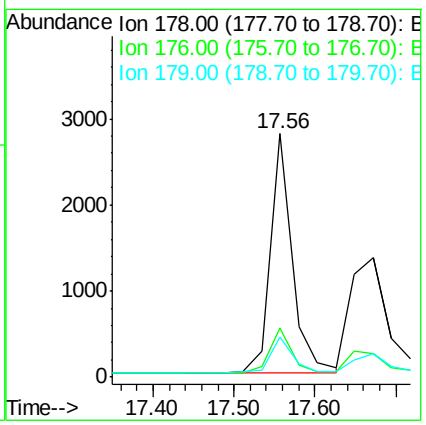


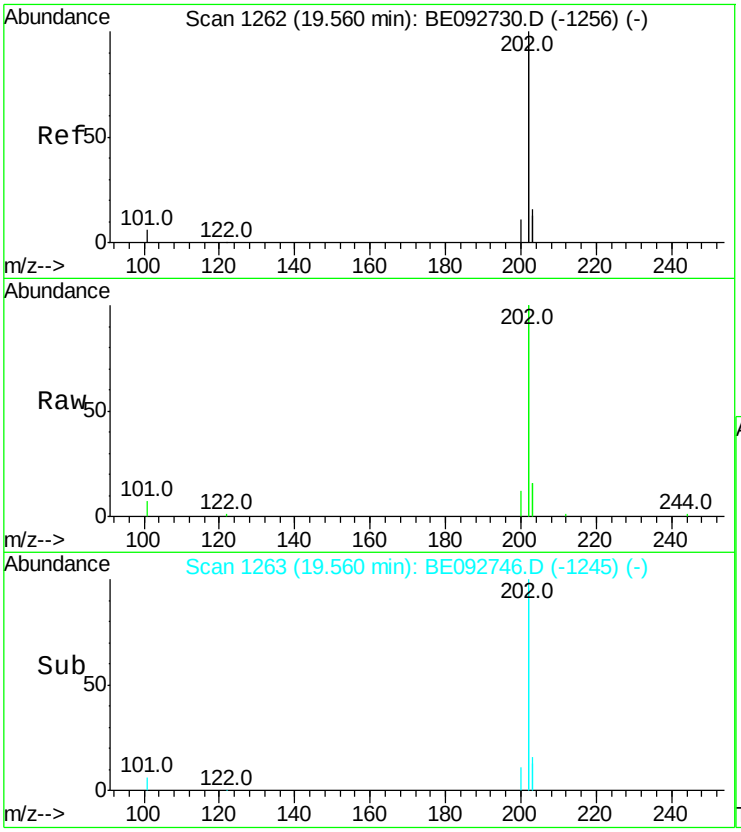


#22
Anthracene
Concen: 0.44 ng
RT: 17.56 min Scan# 1153
Delta R.T. -0.09 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Tgt Ion:178 Resp: 5199

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.4
179	16.0	12.2	18.2



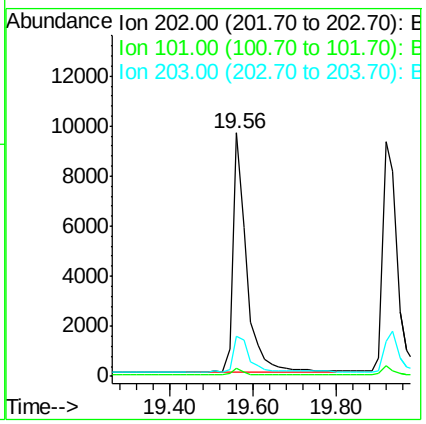


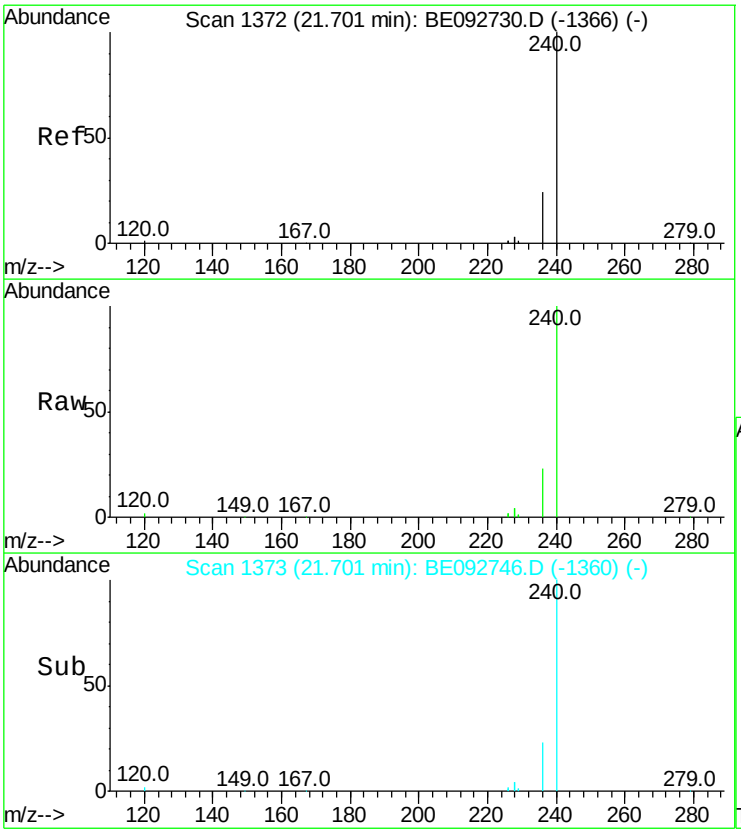
#23
Fluoranthene
Concen: 0.39 ng
RT: 19.56 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 21367

Ion	Ratio	Lower	Upper
202	100		
101	2.8	2.2	3.4
203	17.9	13.7	20.5

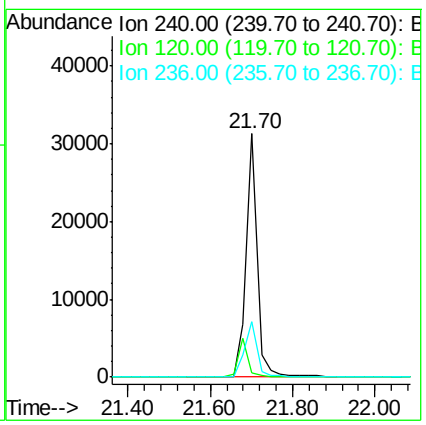


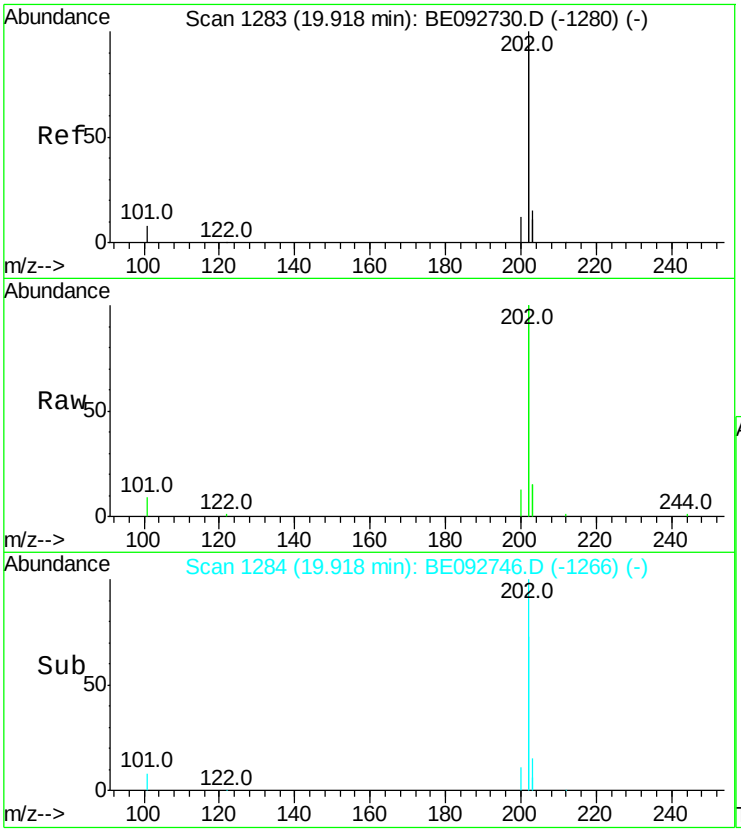


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Tgt Ion:240 Resp: 58047

Ion	Ratio	Lower	Upper
240	100		
120	1.7	2.6	4.0#
236	22.9	24.6	37.0#



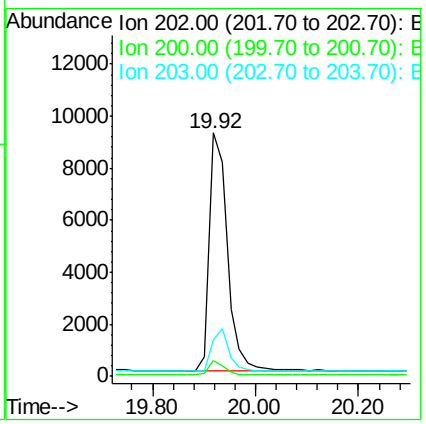


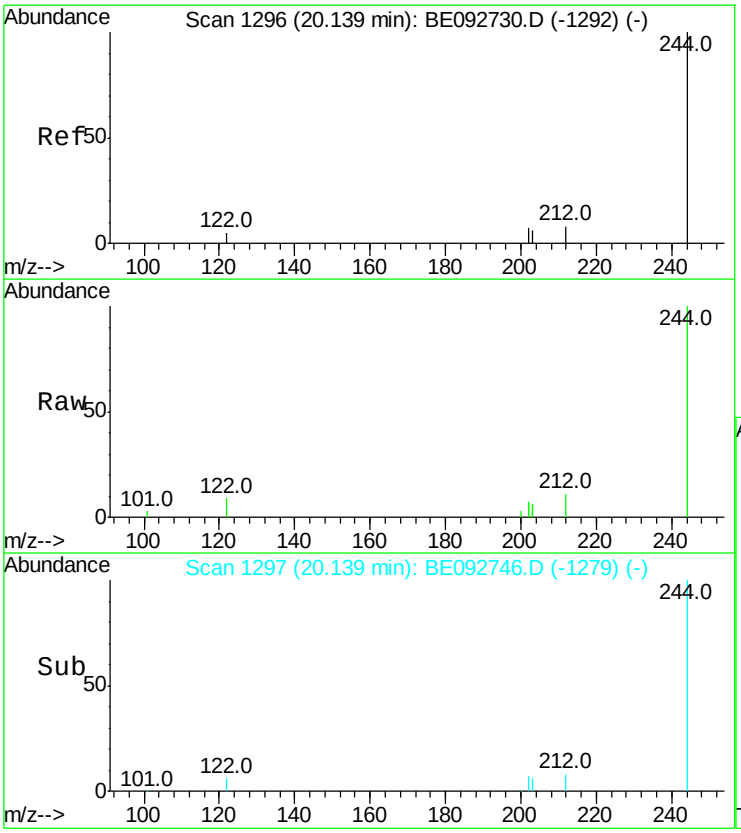
#25
Pyrene
Concen: 0.40 ng
RT: 19.92 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 22341

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	17.1	13.9	20.9

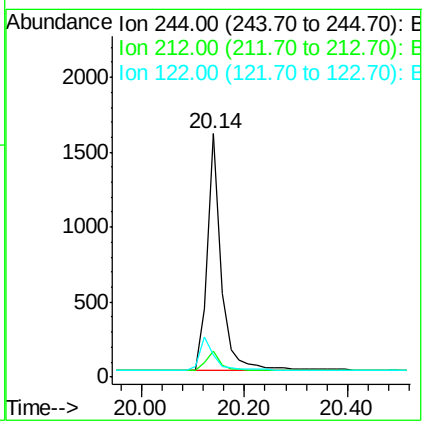


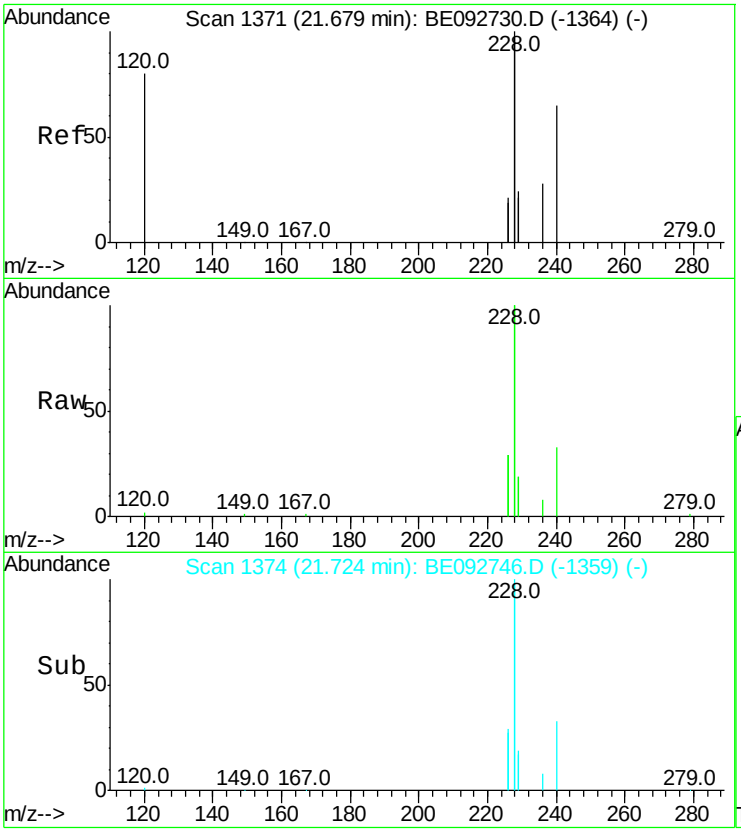


#26
Terphenyl-d14
Concen: 0.40 ng
RT: 20.14 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Tgt Ion:244 Resp: 2964

Ion	Ratio	Lower	Upper
244	100		
212	10.7	6.7	10.1#
122	8.9	3.6	5.4#



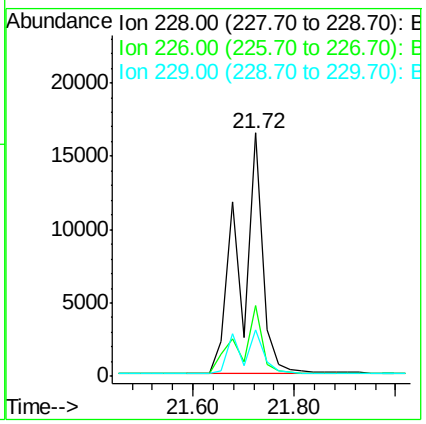


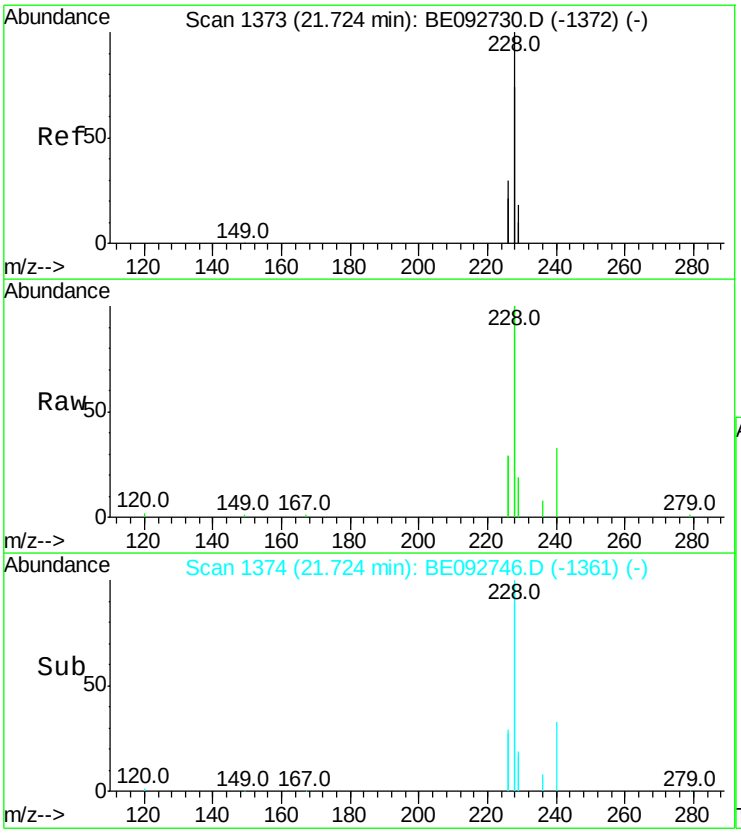
#27
Benzo(a)anthracene
Concen: 0.90 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.05 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 50814

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.6	35.4
229	19.0	13.3	19.9

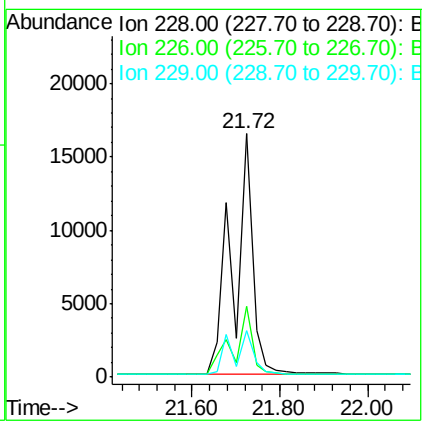


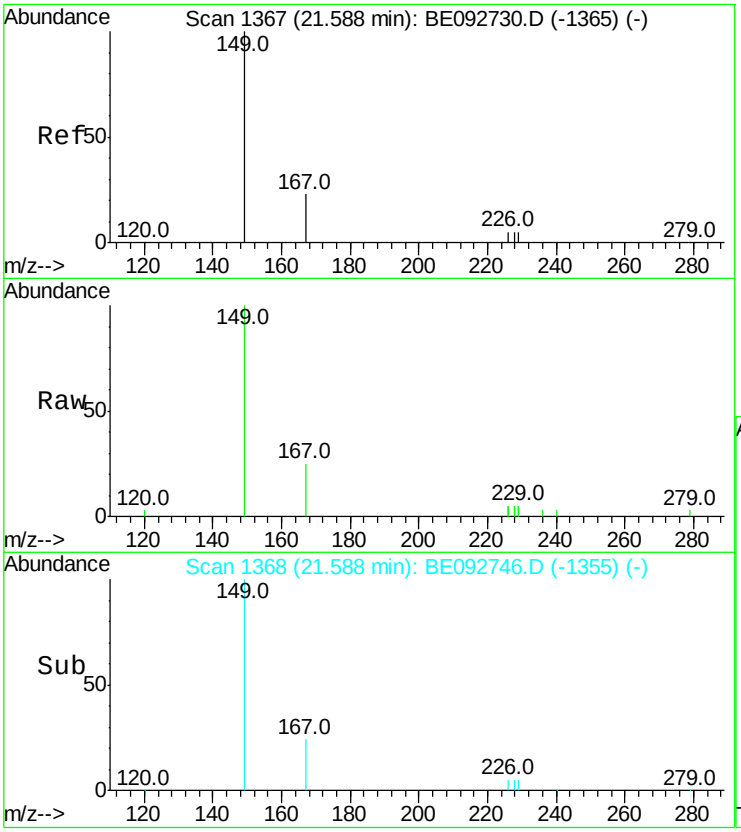


#28
Chrysene
Concen: 0.76 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Tgt Ion:228 Resp: 51016

Ion	Ratio	Lower	Upper
228	100		
226	28.9	36.3	54.5#
229	19.0	10.6	16.0#



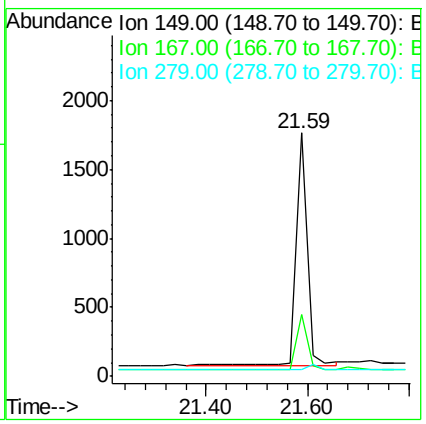


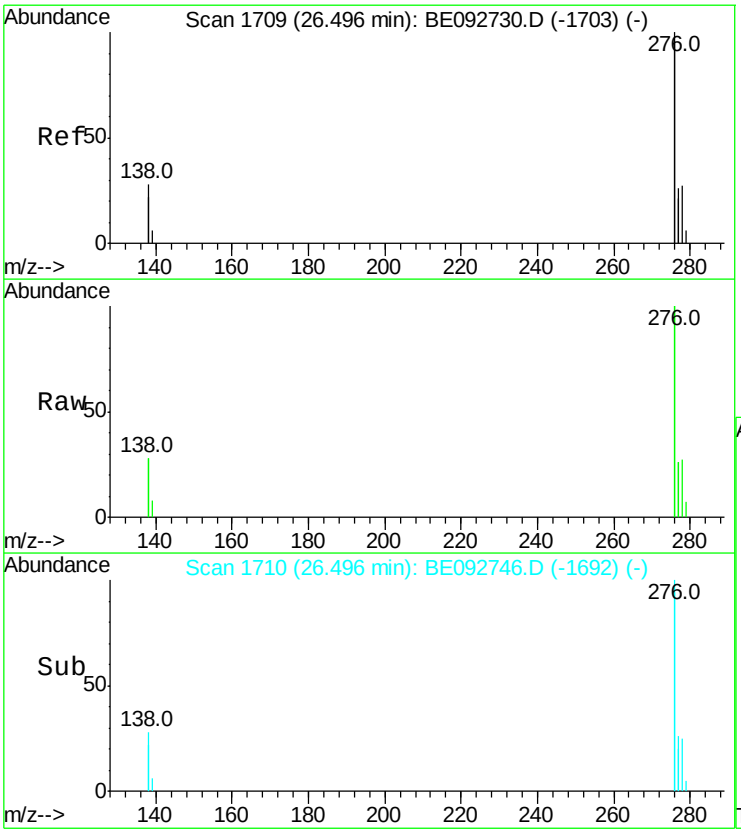
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.38 ng
RT: 21.59 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:149 Resp: 2529

Ion	Ratio	Lower	Upper
149	100		
167	22.8	16.0	24.0
279	0.0	16.0	24.0#

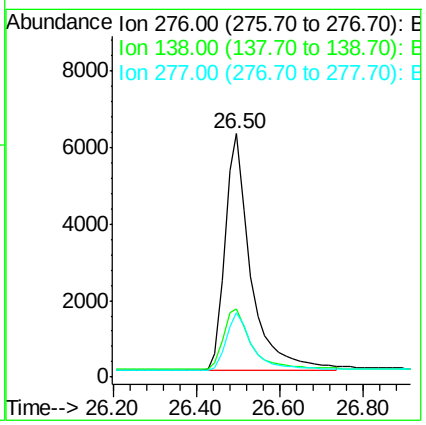


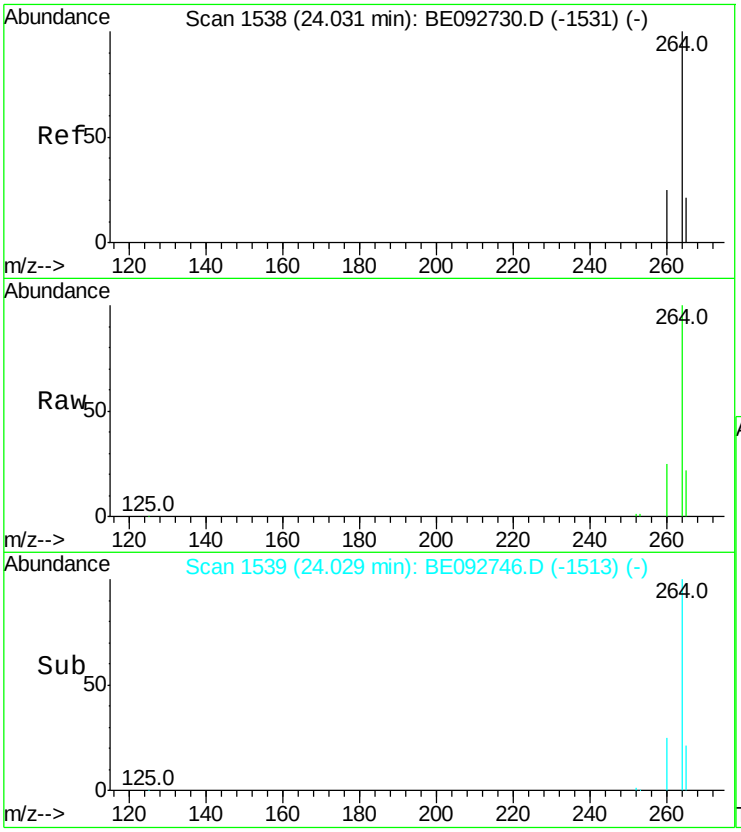


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.41 ng
RT: 26.50 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Tgt Ion:276 Resp: 26474

Ion	Ratio	Lower	Upper
276	100		
138	28.1	20.3	30.5
277	24.6	19.7	29.5



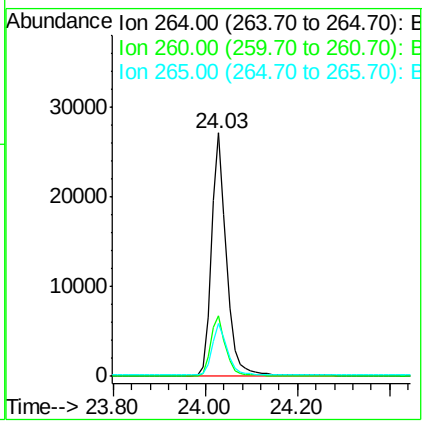


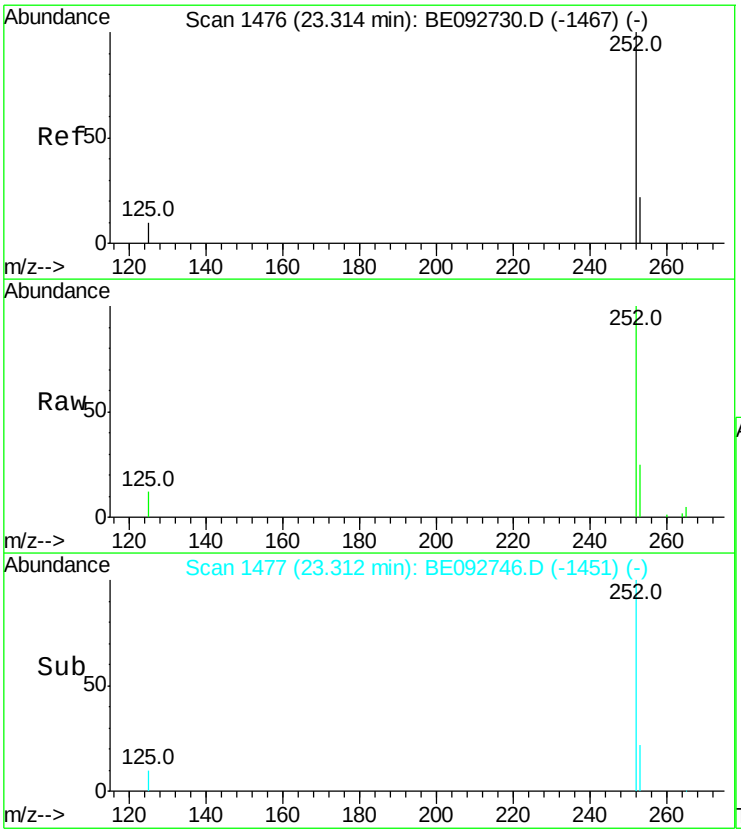
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.03 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 61055

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.1	30.1
265	21.9	17.9	26.9

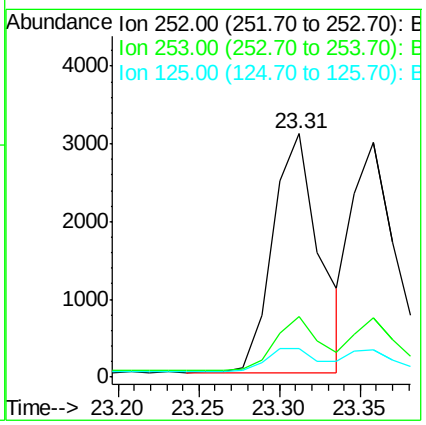


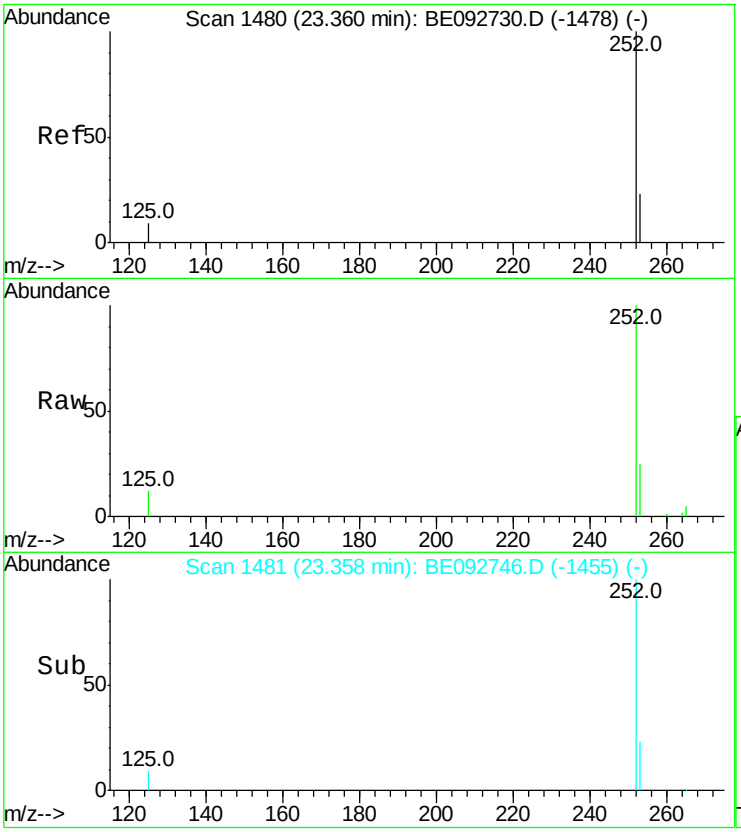


#32
Benzo(b)fluoranthene
Concen: 0.42 ng
RT: 23.31 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Tgt Ion:252 Resp: 6203

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.7	28.1
125	11.6	10.5	15.7



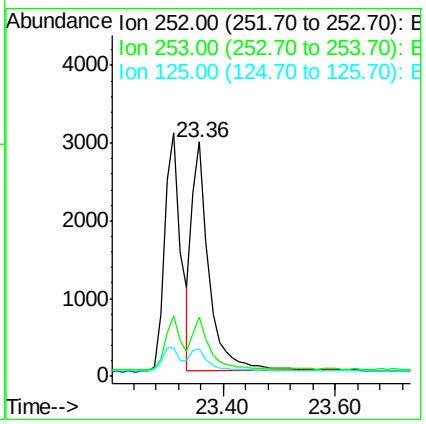


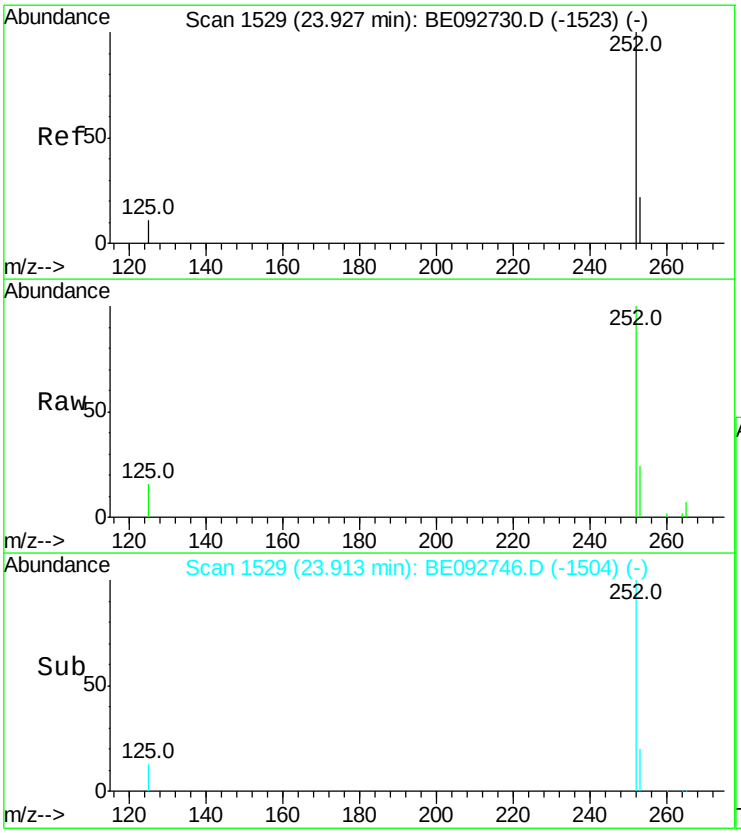
#33
Benzo(k)fluoranthene
Concen: 0.37 ng
RT: 23.36 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 6209

Ion	Ratio	Lower	Upper
252	100		
253	25.1	20.3	30.5
125	11.9	9.6	14.4

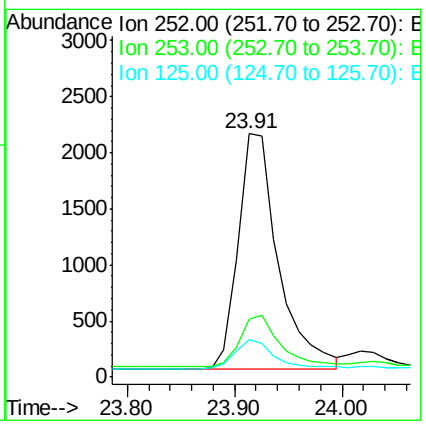


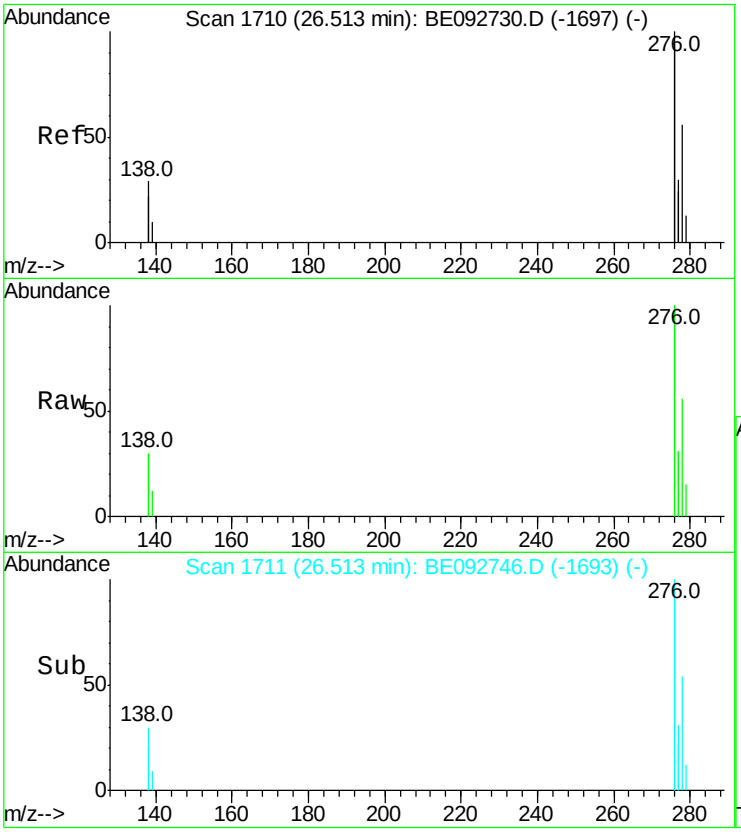


#34
Benzo(a)pyrene
Concen: 0.35 ng
RT: 23.91 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Tgt Ion:252 Resp: 5466

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.0	28.6
125	15.6	11.8	17.8



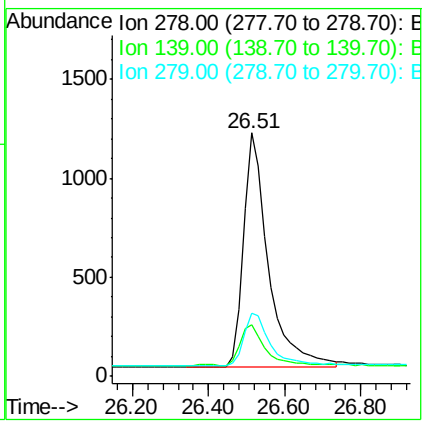


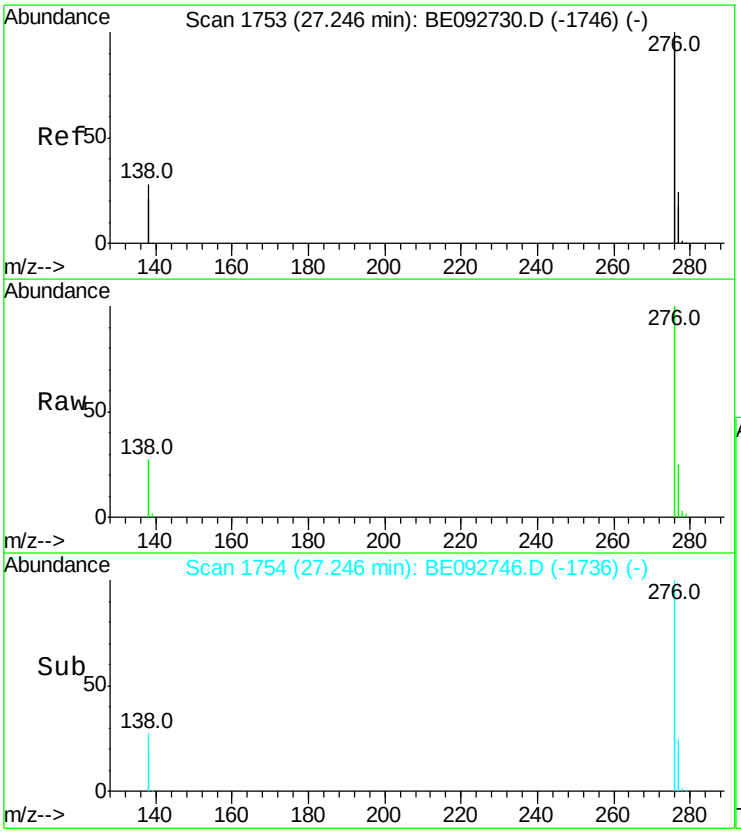
#35
Dibenzo(a,h)anthracene
Concen: 0.36 ng
RT: 26.51 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:278 Resp: 5463

Ion	Ratio	Lower	Upper
278	100		
139	21.1	13.8	20.8#
279	26.0	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.38 ng
RT: 27.25 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Tgt Ion:276 Resp: 23915

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.8	29.8
138	26.8	19.8	29.6