Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021517\
Data File : BE092732.D
Acq On : 15 Feb 2017 14:20
Operator : SJ/MA
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC1.6

Quant Time: Feb 15 14:58:12 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 13:34:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	9681	5.00	ng		0.00
7) Naphthalene-d8	10.89	136	46527	5.00	ng		0.00
12) Acenaphthene-d10	14.76	164	29962	5.00	ng		0.00
18) Phenanthrene-d10	17.51	188	61353	5.00	ng		0.00
24) Chrysene-d12	21.70	240	67440	5.00	ng		0.00
31) Perylene-d12	24.03	264	67984	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.62	112	3101	1.43	ng		-0.02
5) Phenol-d6	7.29	99	4020	1.52	ng		-0.02
8) Nitrobenzene-d5	9.27	82	4763	1.58	ng		-0.05
13) 2,4,6-Tribromophenol	16.26	330	1093	1.45	ng		-0.02
14) 2-Fluorobiphenyl	13.38	172	11646	1.58	ng		-0.02
26) Terphenyl-d14	20.12	244	14294	1.50	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	2020	1.35	ng		96
3) n-Nitrosodimethylamine	3.71	42	2423	1.39	ng		96
6) bis(2-Chloroethyl)ether	7.52	93	4627	1.65	ng	#	78
9) Naphthalene	10.93	128	15796	1.63	ng		95
10) Hexachlorobutadiene	11.22	225	2335	1.63	ng		99
11) 2-Methylnaphthalene	12.57	142	10320	1.71	ng		95
15) Acenaphthylene	14.47	152	70718	1.71	ng		99
16) Acenaphthene	14.82	154	10506	1.59	ng		90
17) Fluorene	15.81	166	13463	1.62	ng		99
19) Hexachlorobenzene	16.84	284	3623	1.56	ng	#	39
20) Pentachlorophenol	17.26	266	820	1.30	ng		97
21) Phenanthrene	17.56	178	23595	1.74	ng	#	94
22) Anthracene	17.65	178	22492	1.80	ng		99
23) Fluoranthene	19.56	202	99388	1.65	ng		99
25) Pyrene	19.92	202	107938	1.62	ng		100
27) Benzo(a)anthracene	21.68	228	105811	1.59	ng	#	80
28) Chrysene	21.68	228	105811	1.42	ng	#	61
29) Bis(2-ethylhexyl)phthalate	21.59	149	13696	1.11	ng	#	75
30) Indeno(1,2,3-cd)pyrene	26.48	276	128274	1.59	ng		98
32) Benzo(b)fluoranthene	23.31	252	26761	1.63	ng	#	96
33) Benzo(k)fluoranthene	23.36	252	30084	1.82	ng		96
34) Benzo(a)pyrene	23.91	252	26101	1.69	ng		95
35) Dibenzo(a,h)anthracene	26.50	278	26688	1.77	ng		95
36) Benzo(g,h,i)perylene	27.25	276	112260	1.76	ng		97

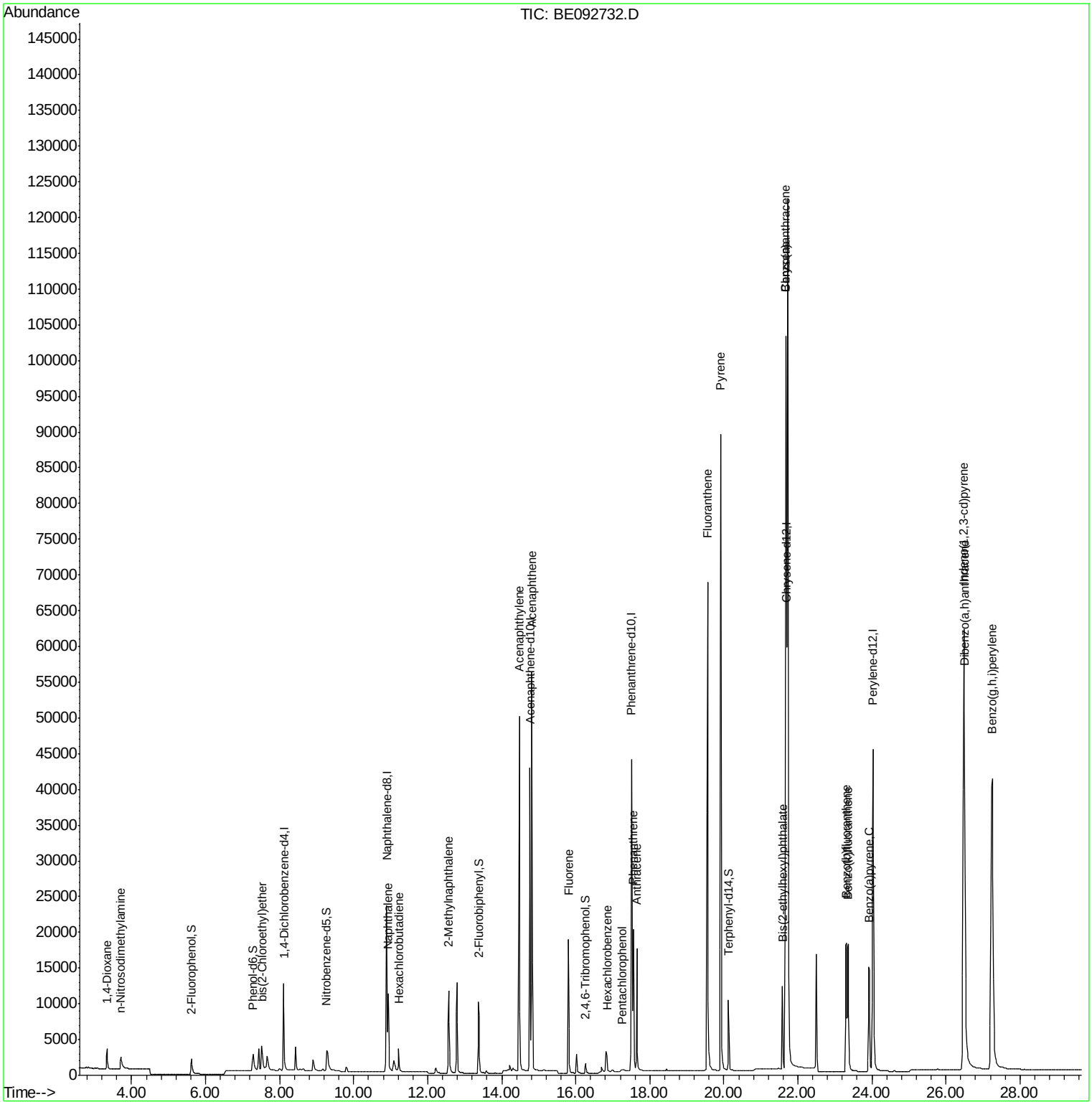
(#) = qualifier out of range (m) = manual integration (+) = signals summed

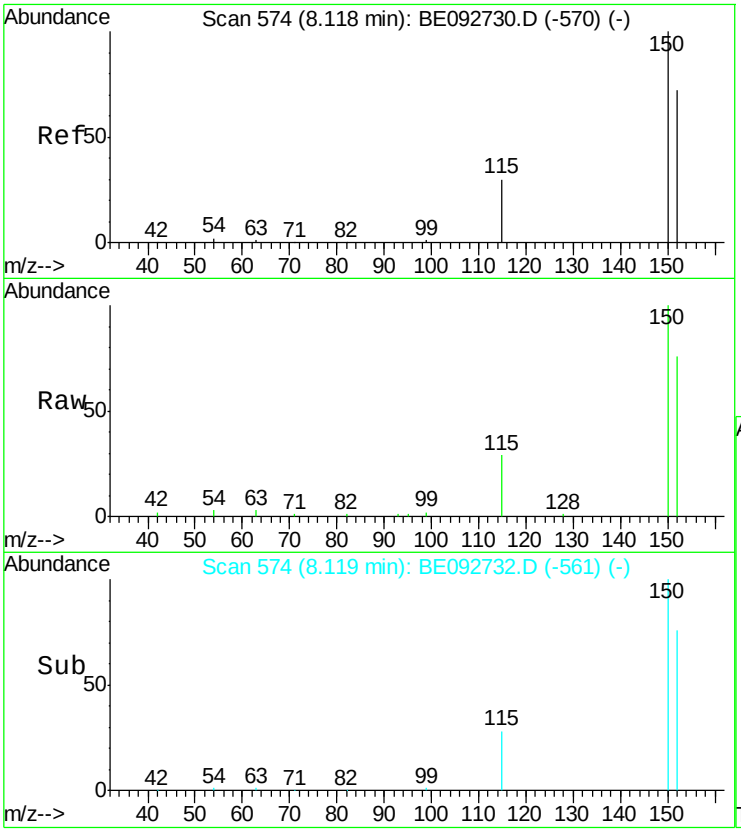
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021517\
Data File : BE092732.D
Acq On : 15 Feb 2017 14:20
Operator : SJ/MA
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Quant Time: Feb 15 14:58:12 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 13:34:48 2017
Response via : Initial Calibration



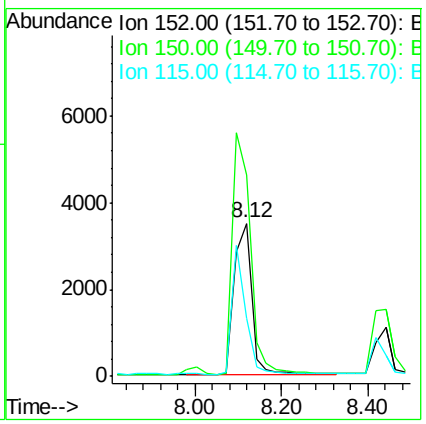


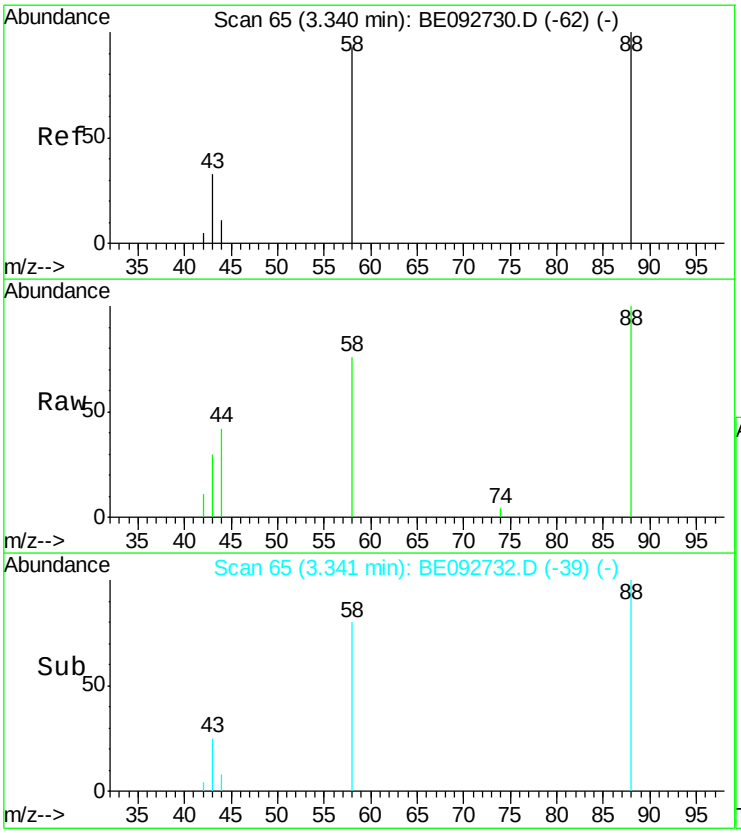
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.12 min Scan# 574
Delta R.T. 0.00 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 9681

Ion	Ratio	Lower	Upper
152	100		
150	131.2	106.0	159.0
115	37.5	31.2	46.8

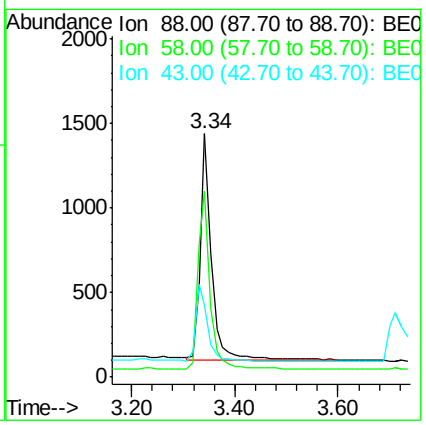


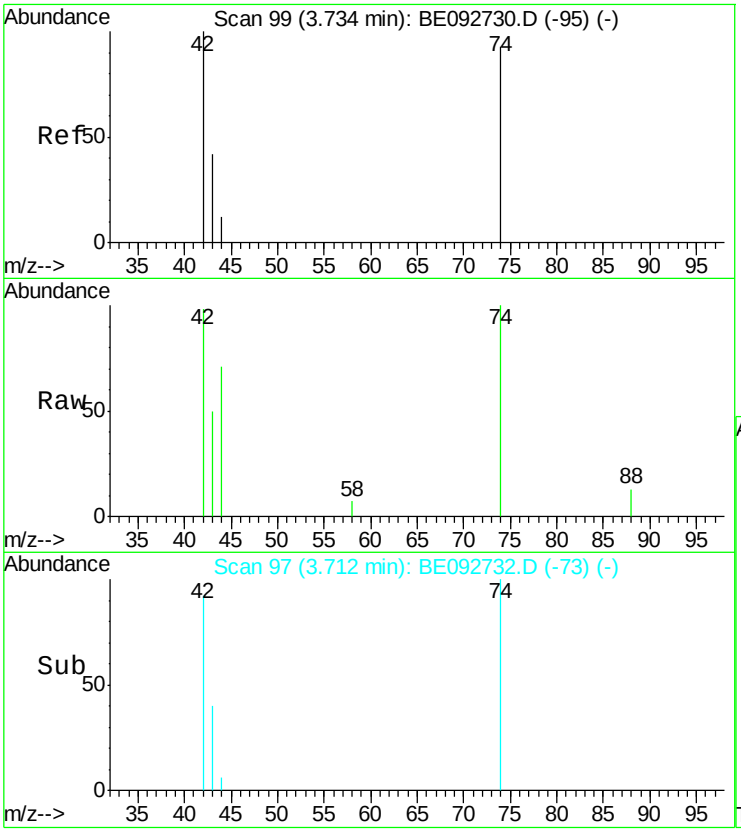


#2
1,4-Dioxane
Concen: 1.35 ng
RT: 3.34 min Scan# 65
Delta R.T. 0.00 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Tgt Ion: 88 Resp: 2020

Ion	Ratio	Lower	Upper
88	100		
58	83.6	63.6	95.4
43	36.2	28.0	42.0



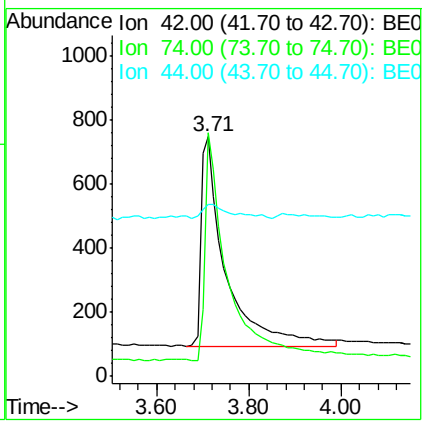


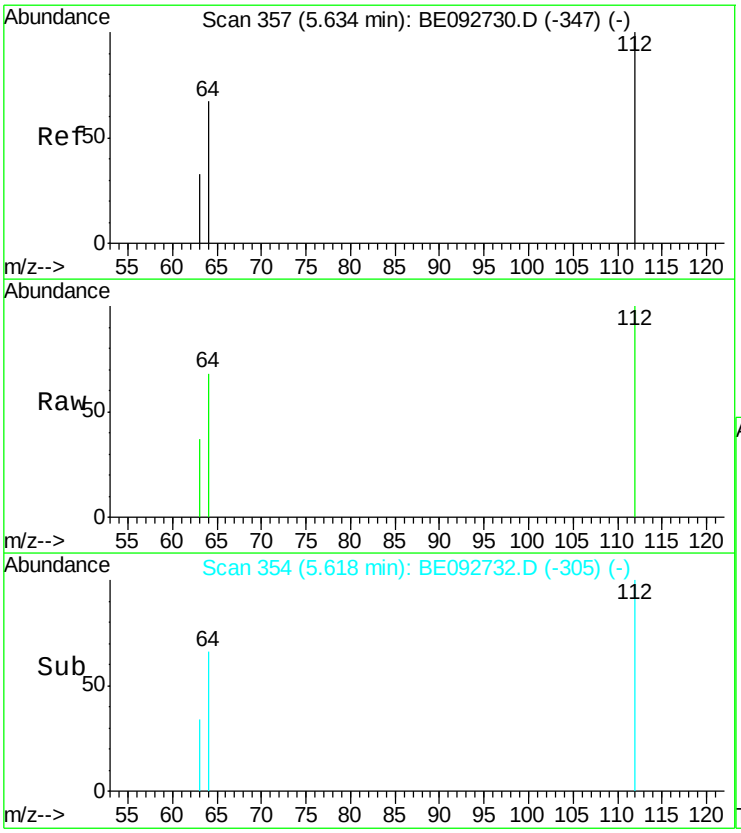
#3
n-Nitrosodimethylamine
Concen: 1.39 ng
RT: 3.71 min Scan# 97
Delta R.T. -0.02 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 2423

Ion	Ratio	Lower	Upper
42	100		
74	103.0	86.0	129.0
44	7.3	5.1	7.7

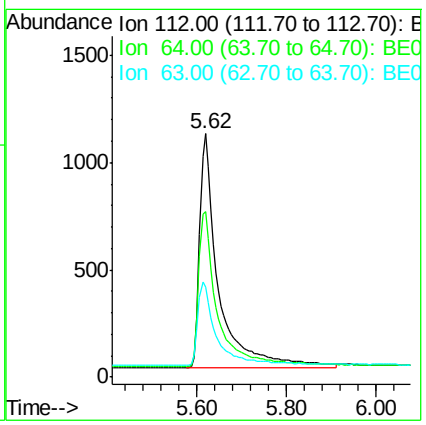


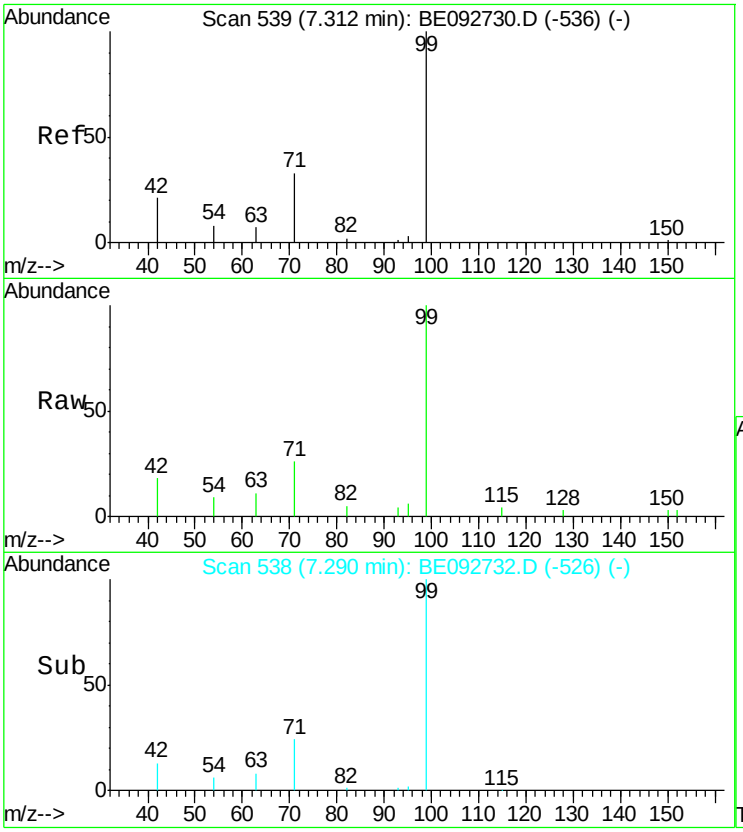


#4
2-Fluorophenol
Concen: 1.43 ng
RT: 5.62 min Scan# 354
Delta R.T. -0.02 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Tgt Ion:112 Resp: 3101

Ion	Ratio	Lower	Upper
112	100		
64	66.7	53.5	80.3
63	35.2	27.9	41.9



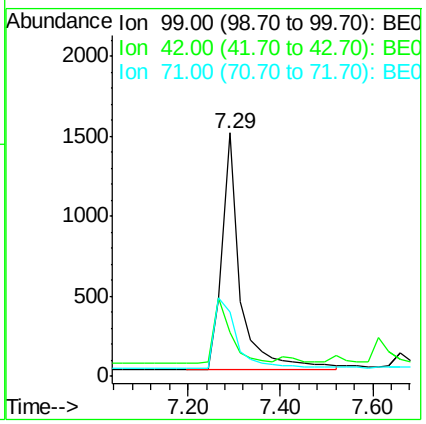


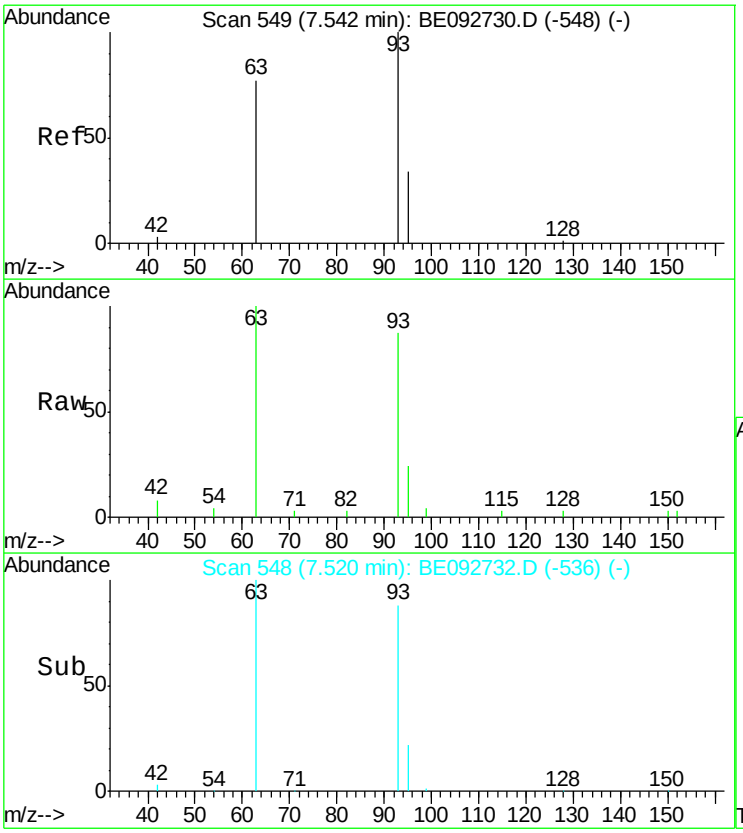
#5
Phenol-d6
Concen: 1.52 ng
RT: 7.29 min Scan# 538
Delta R.T. -0.02 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 4020

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

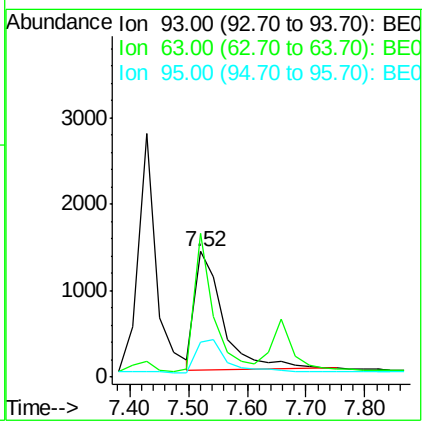


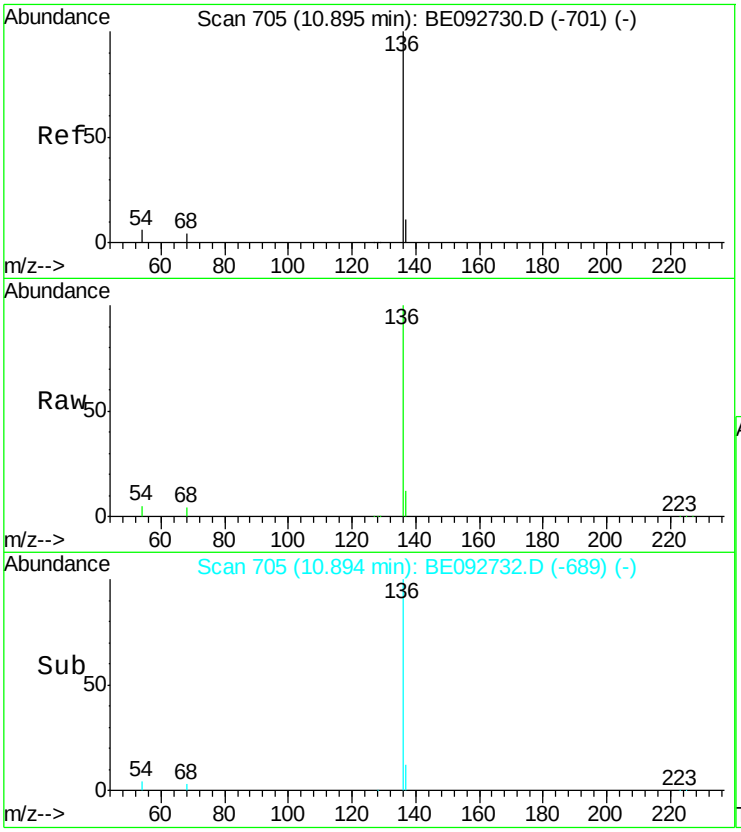


#6
bis(2-Chloroethyl)ether
Concen: 1.65 ng
RT: 7.52 min Scan# 548
Delta R.T. -0.02 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Tgt Ion: 93 Resp: 4627

Ion	Ratio	Lower	Upper
93	100		
63	79.7	71.6	107.4
95	0.0	24.0	36.0#



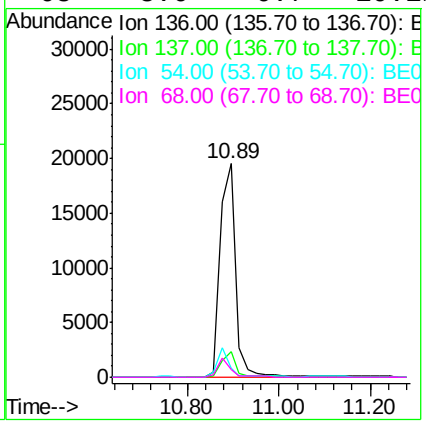


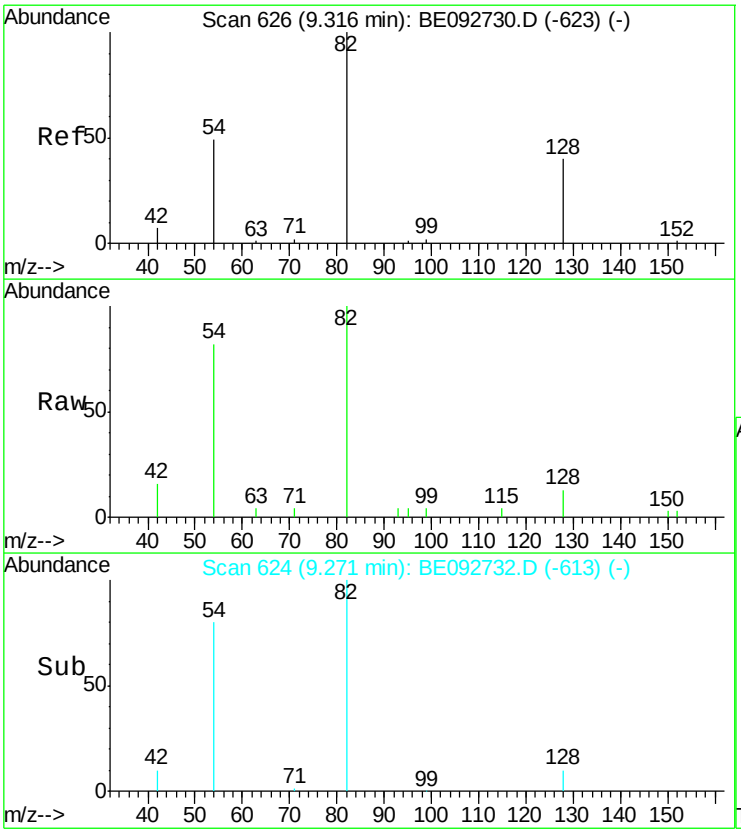
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.89 min Scan# 705
Delta R.T. -0.00 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 46527

Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.2	12.4
54	4.5	9.6	14.4#
68	3.6	6.7	10.1#

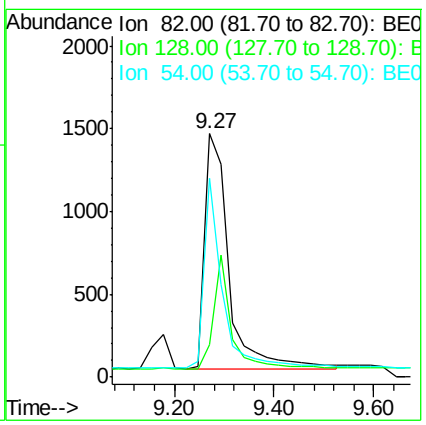


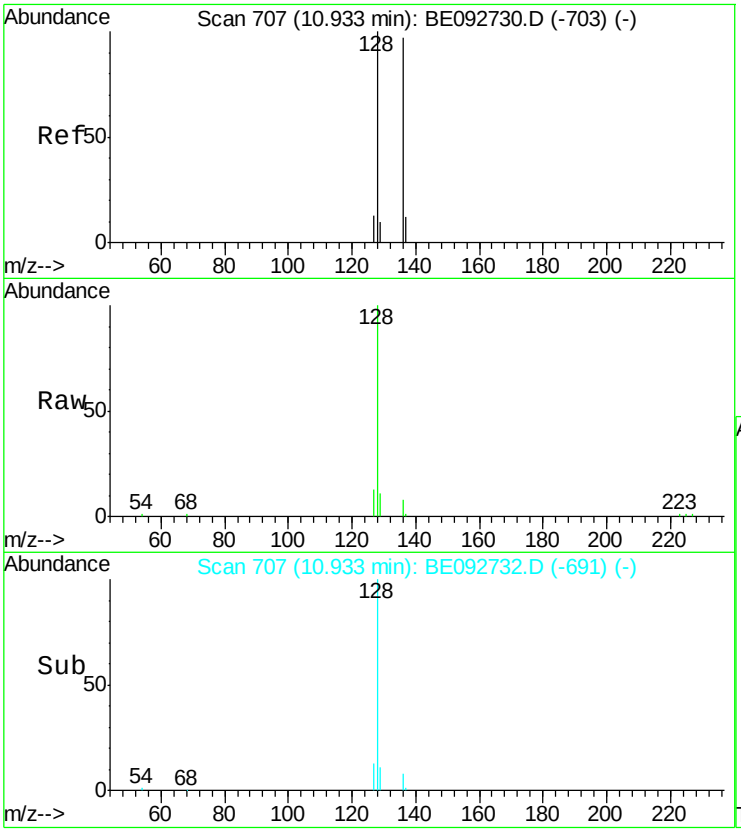


#8
Nitrobenzene-d5
Concen: 1.58 ng
RT: 9.27 min Scan# 624
Delta R.T. -0.05 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Tgt Ion: 82 Resp: 4763

Ion	Ratio	Lower	Upper
82	100		
128	13.1	39.0	58.4#
54	81.7	44.8	67.2#



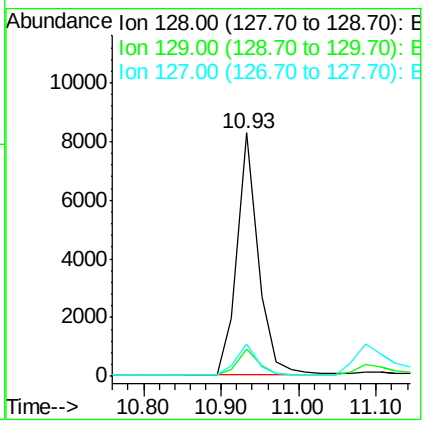


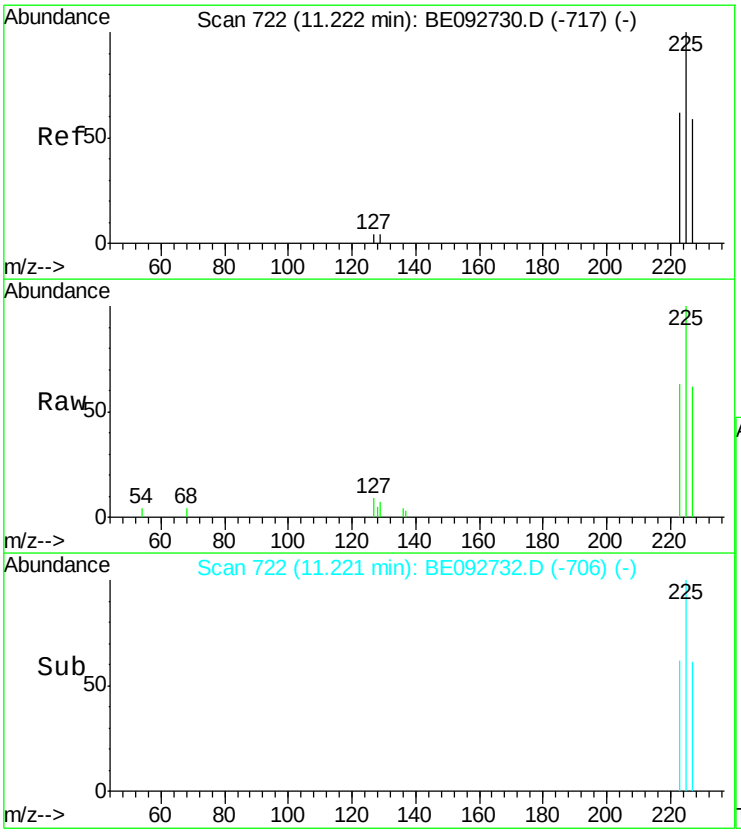
#9
Naphthalene
Concen: 1.63 ng
RT: 10.93 min Scan# 707
Delta R.T. -0.00 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 15796

Ion	Ratio	Lower	Upper
128	100		
129	11.2	11.2	16.8
127	13.4	11.6	17.4

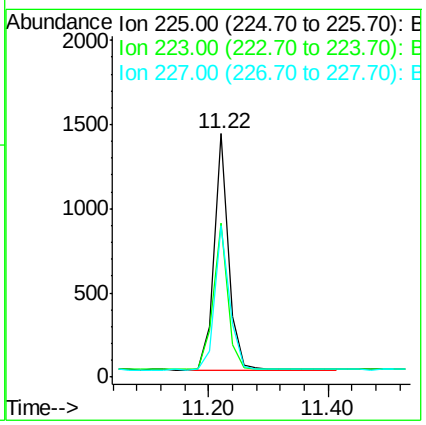


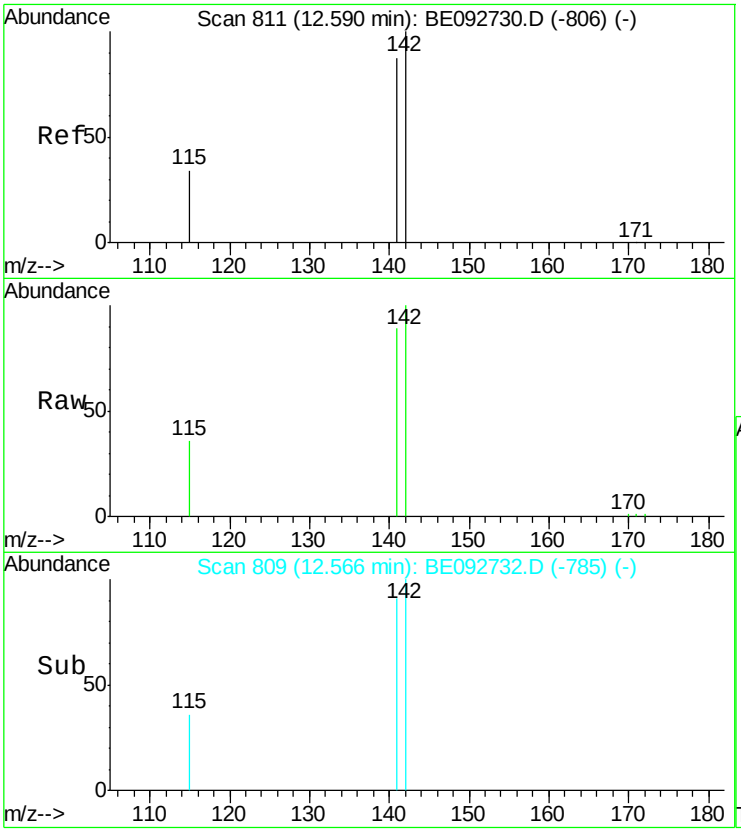


#10
Hexachlorobutadiene
Concen: 1.63 ng
RT: 11.22 min Scan# 722
Delta R.T. -0.00 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Tgt Ion:225 Resp: 2335

Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	62.9	51.4	77.0



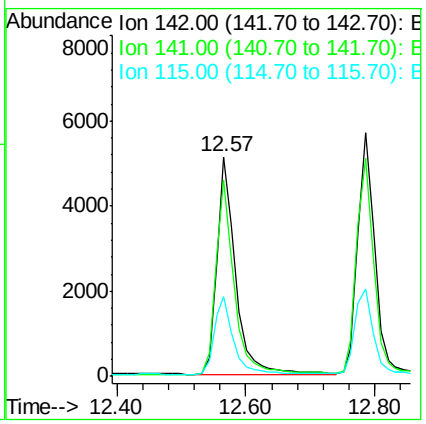


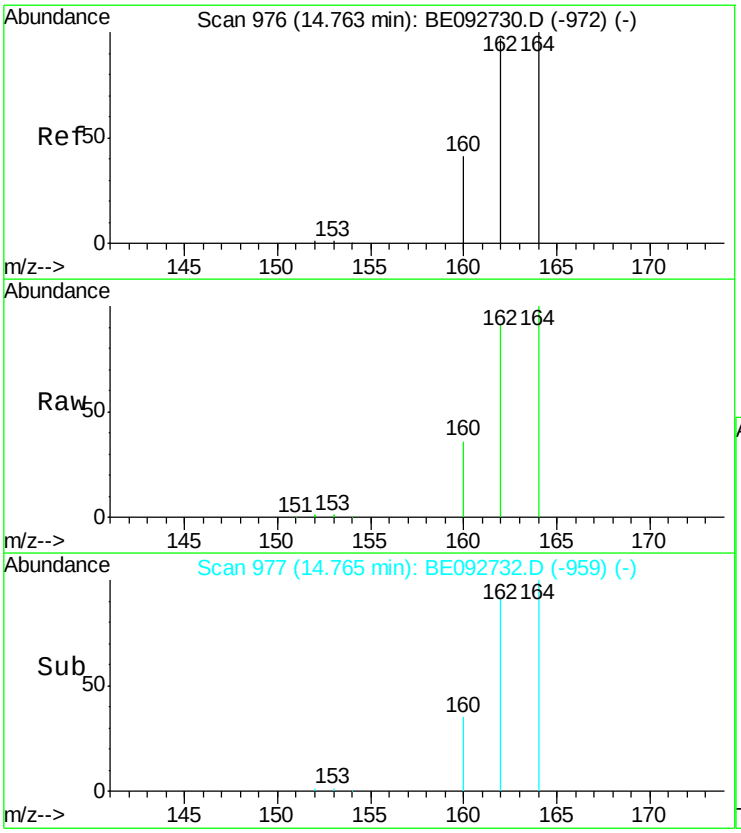
#11
2-Methylnaphthalene
Concen: 1.71 ng
RT: 12.57 min Scan# 809
Delta R.T. -0.02 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:142 Resp: 10320

Ion	Ratio	Lower	Upper
142	100		
141	89.3	73.7	110.5
115	36.3	34.0	51.0

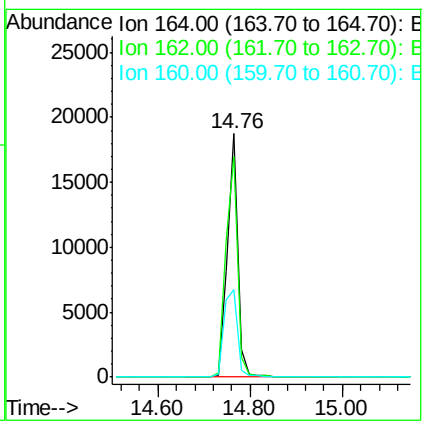


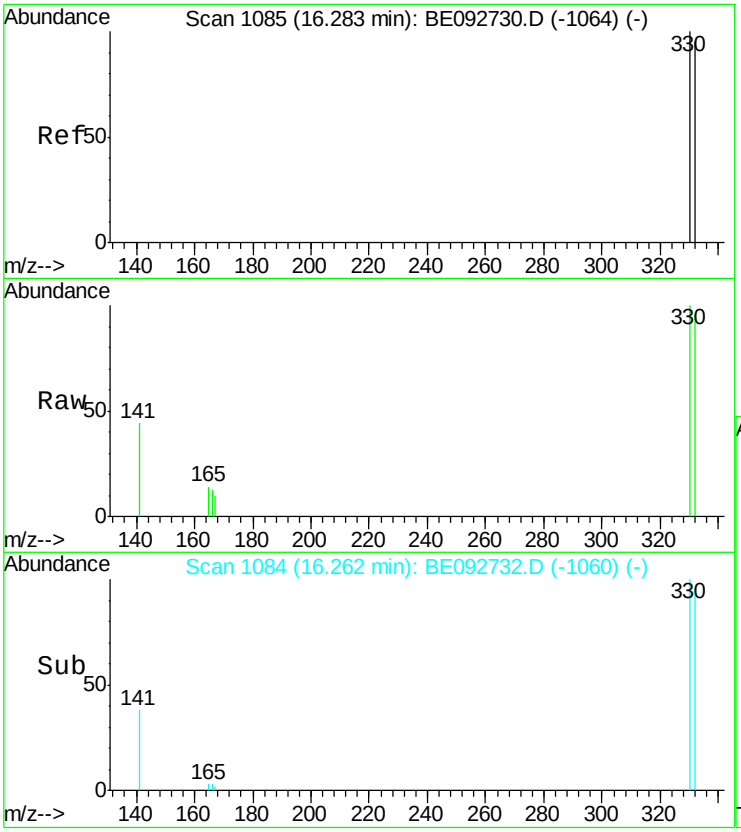


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.76 min Scan# 977
Delta R.T. 0.00 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Tgt Ion:164 Resp: 29962

Ion	Ratio	Lower	Upper
164	100		
162	90.8	71.4	107.0
160	35.7	27.4	41.2



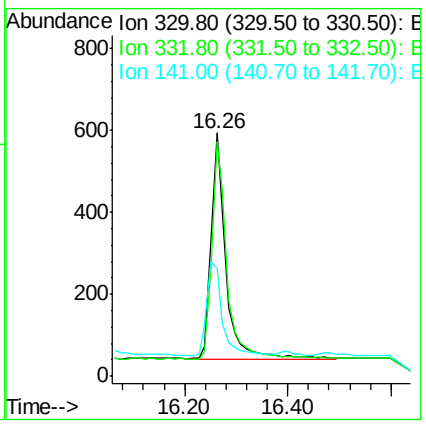


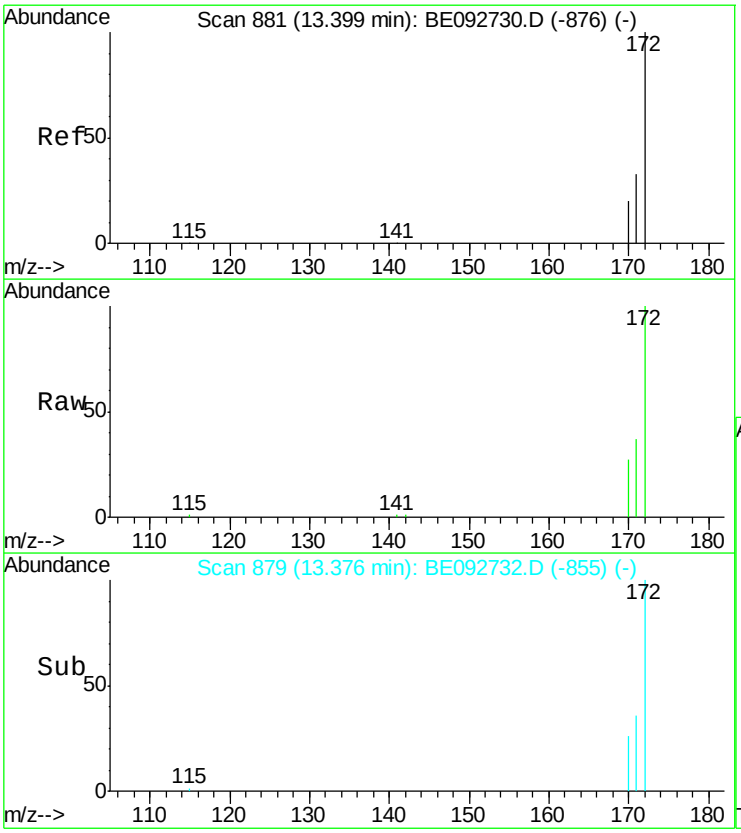
#13
2,4,6-Tribromophenol
Concen: 1.45 ng
RT: 16.26 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:330 Resp: 1093

Ion	Ratio	Lower	Upper
330	100		
332	98.3	75.4	113.0
141	43.4	31.0	46.6

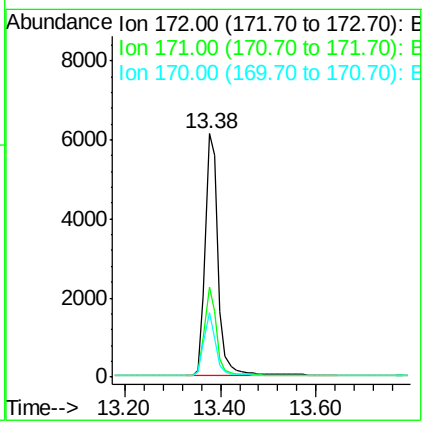


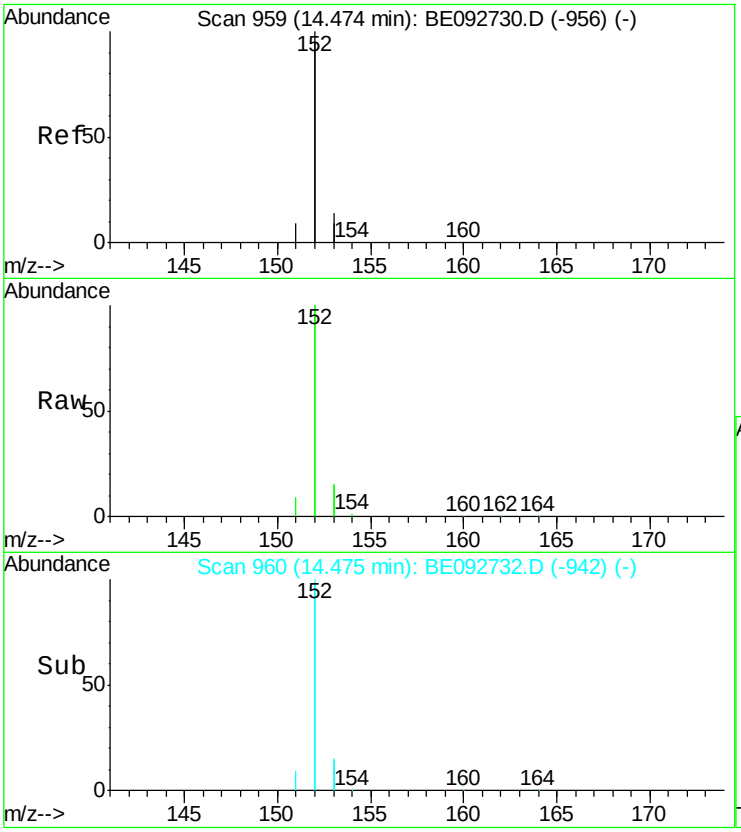


#14
2-Fluorobiphenyl
Concen: 1.58 ng
RT: 13.38 min Scan# 879
Delta R.T. -0.02 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Tgt Ion:172 Resp: 11646

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.1	45.1
170	26.6	21.8	32.6



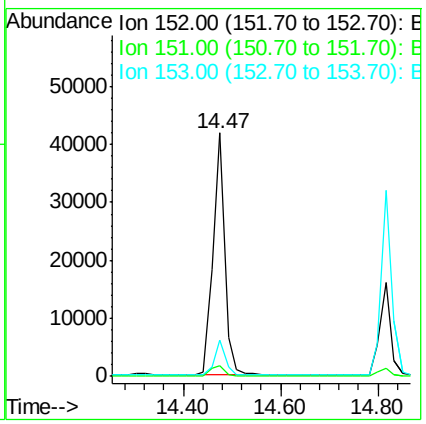


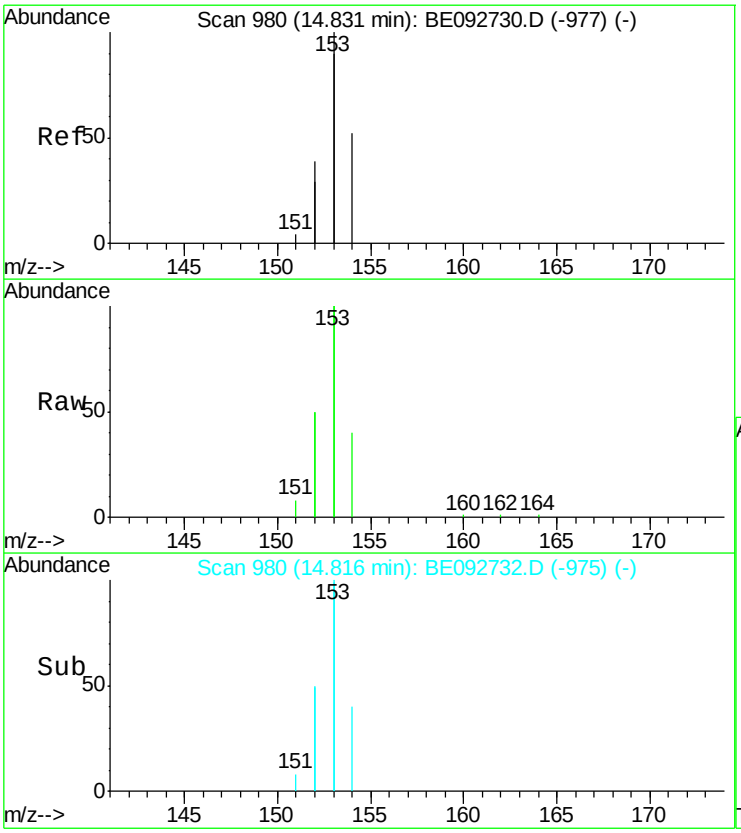
#15
Acenaphthylene
Concen: 1.71 ng
RT: 14.47 min Scan# 960
Delta R.T. 0.00 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 70718

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.9	5.9
153	13.3	10.4	15.6

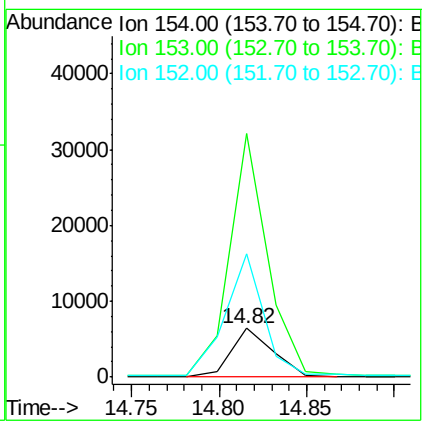


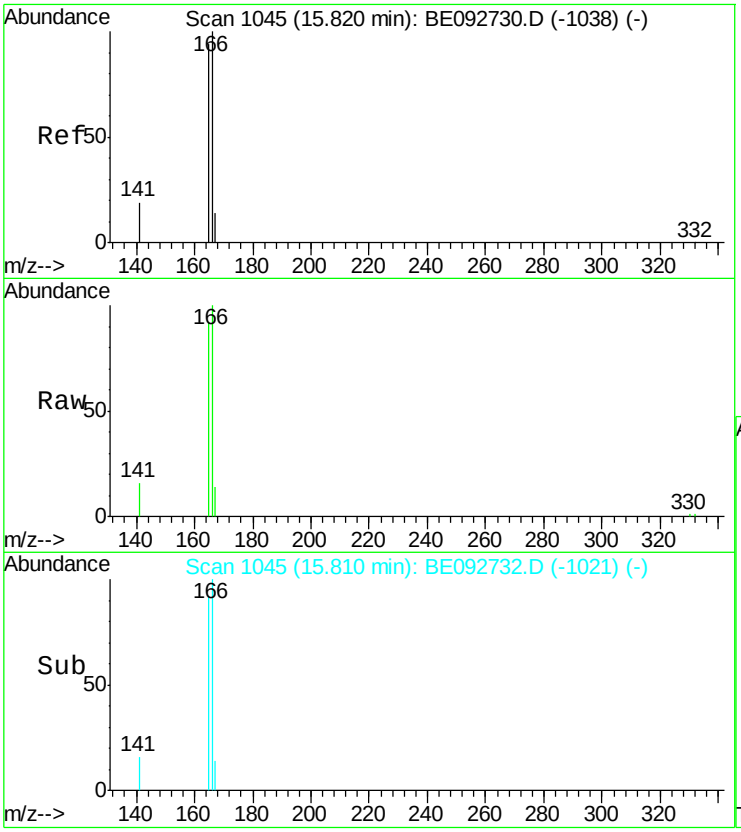


#16
Acenaphthene
Concen: 1.59 ng
RT: 14.82 min Scan# 980
Delta R.T. -0.02 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Tgt Ion:154 Resp: 10506

Ion	Ratio	Lower	Upper
154	100		
153	459.9	350.8	526.2
152	234.4	171.1	256.7



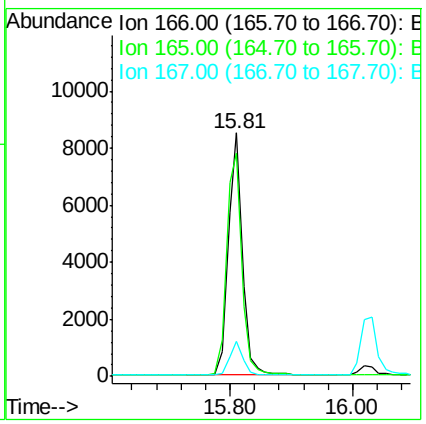


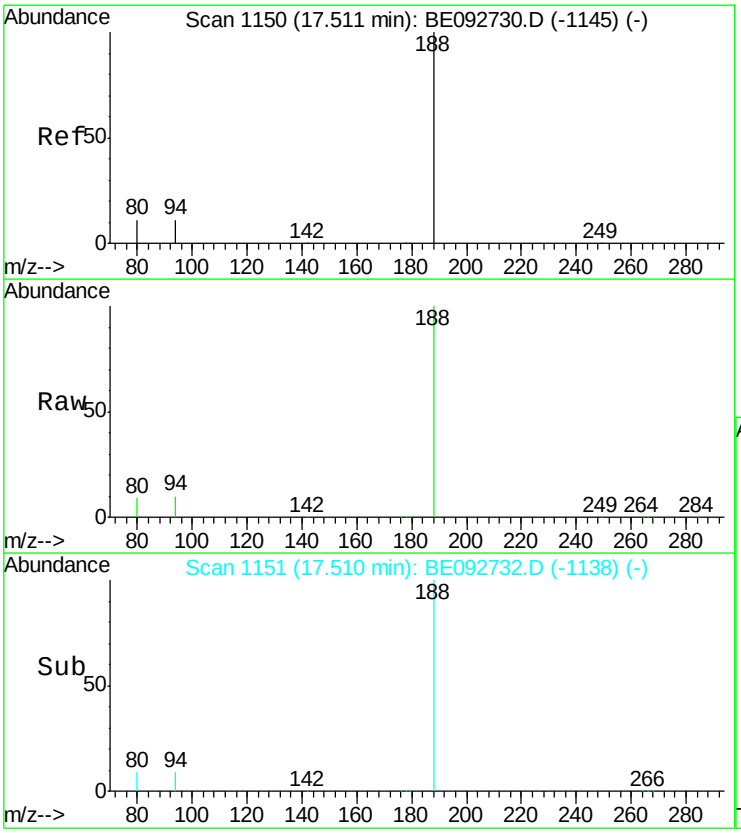
#17
Fluorene
Concen: 1.62 ng
RT: 15.81 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:166 Resp: 13463

Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.2	117.4
167	13.4	11.0	16.4

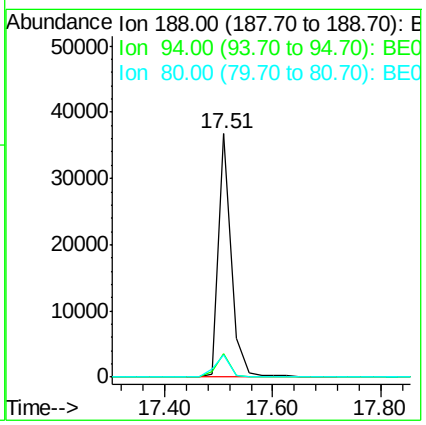


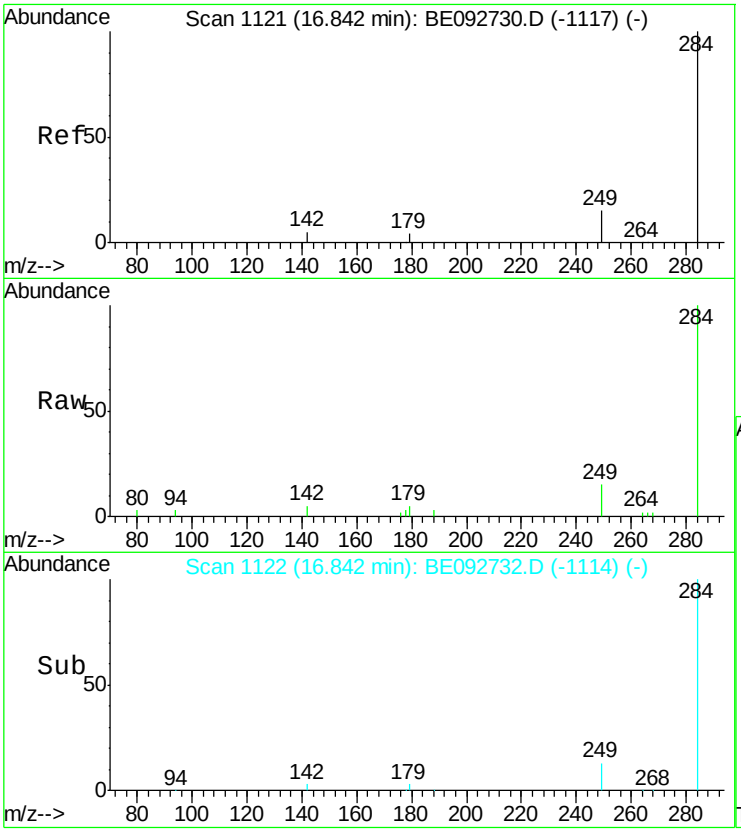


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.51 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Tgt Ion:188 Resp: 61353

Ion	Ratio	Lower	Upper
188	100		
94	9.6	3.2	4.8#
80	9.1	2.6	3.8#



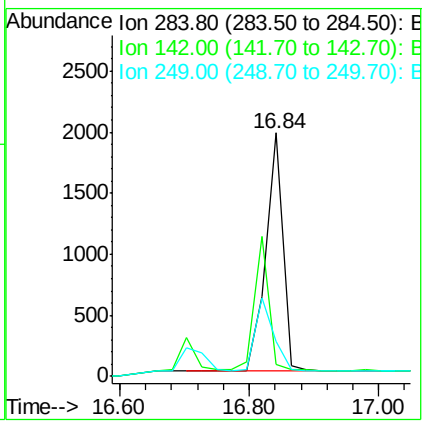


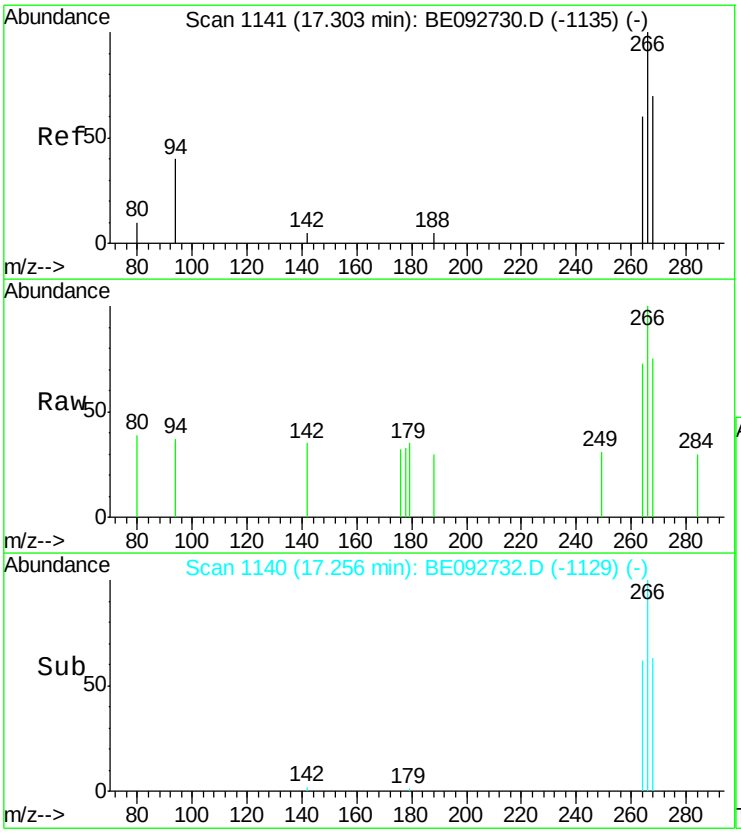
#19
Hexachlorobenzene
Concen: 1.56 ng
RT: 16.84 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:284 Resp: 3623

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

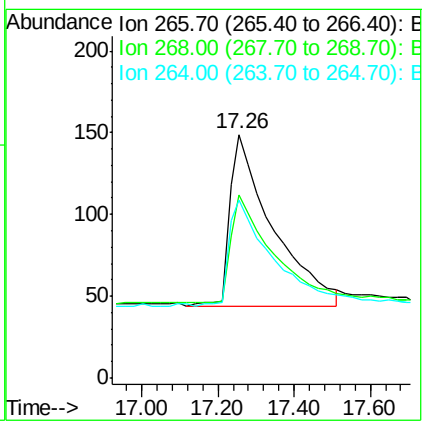


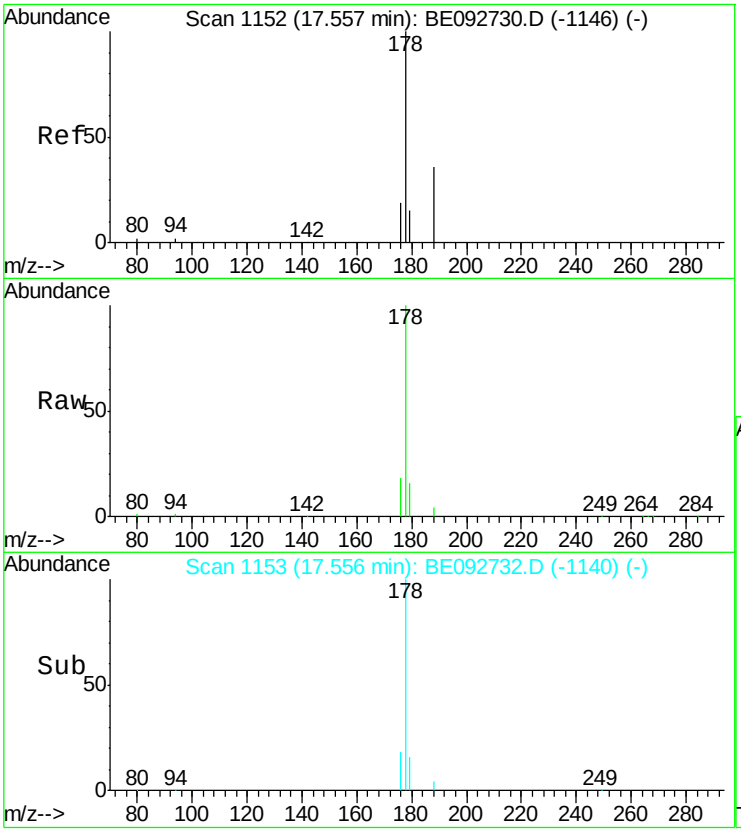


#20
Pentachlorophenol
Concen: 1.30 ng
RT: 17.26 min Scan# 1140
Delta R.T. -0.05 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Tgt Ion:266 Resp: 820

Ion	Ratio	Lower	Upper
266	100		
268	75.2	62.5	93.7
264	73.2	57.2	85.8



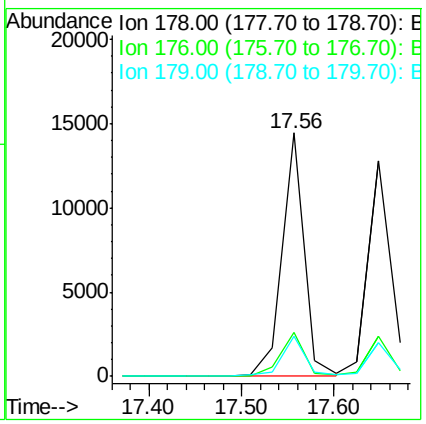


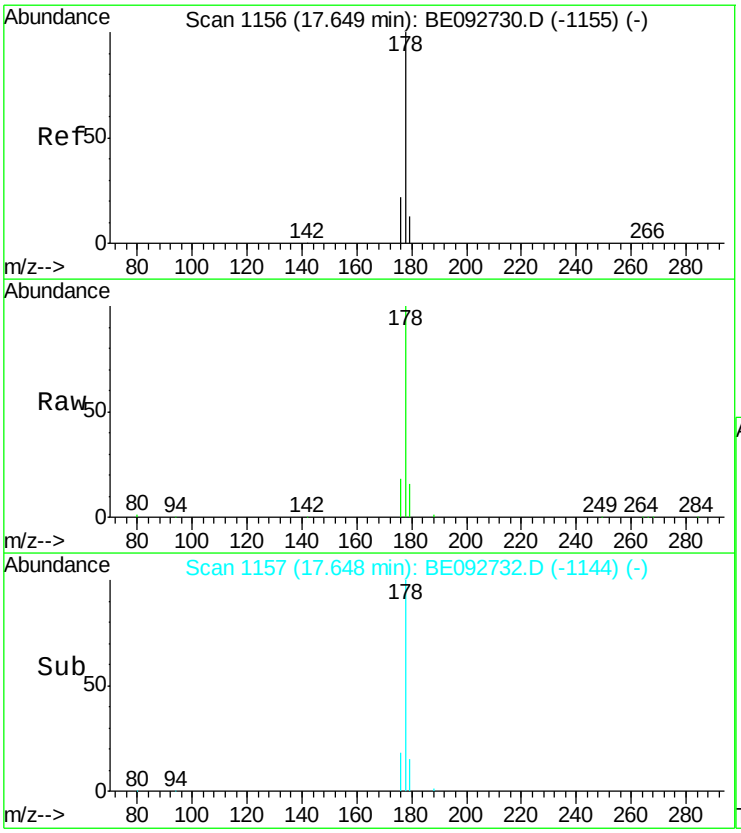
#21
Phenanthrene
Concen: 1.74 ng
RT: 17.56 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 23595

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

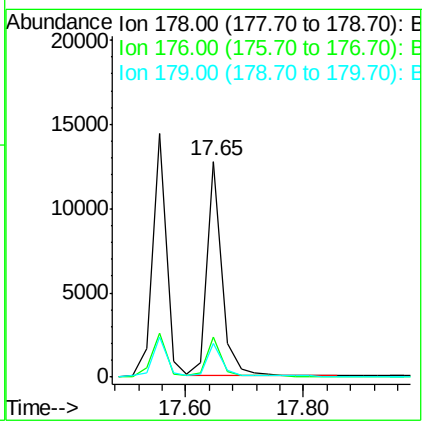


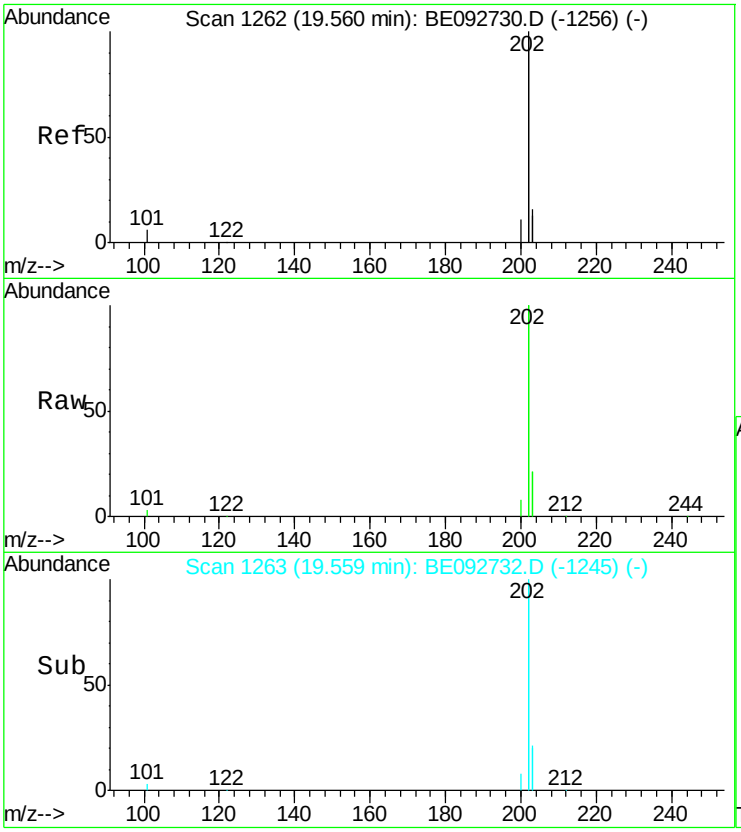


#22
Anthracene
Concen: 1.80 ng
RT: 17.65 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Tgt Ion:178 Resp: 22492

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	15.7	12.2	18.2



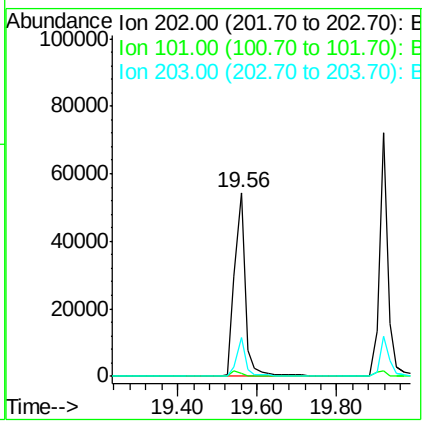


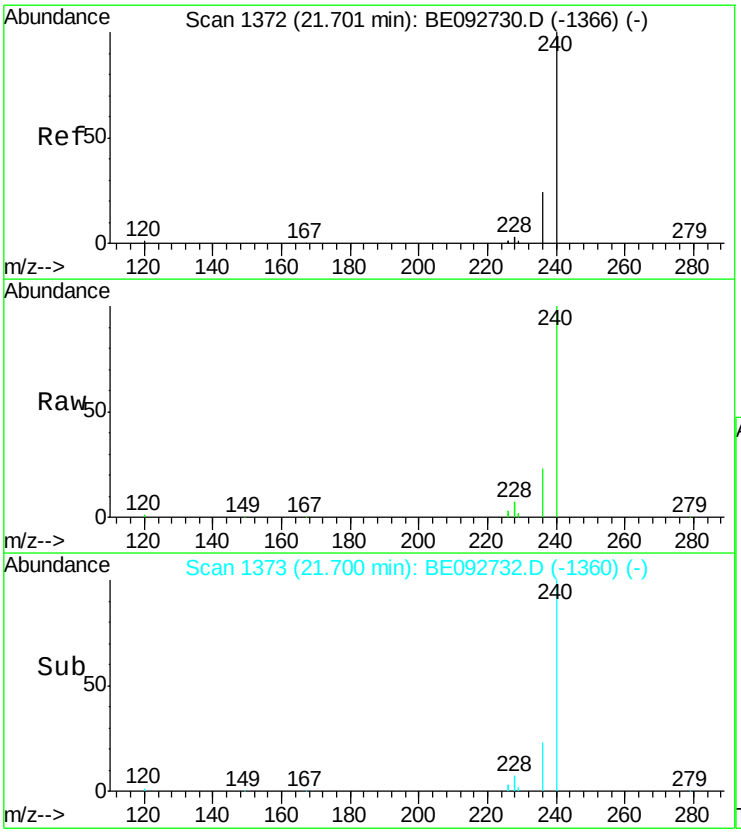
#23
Fluoranthene
Concen: 1.65 ng
RT: 19.56 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:202 Resp: 99388

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

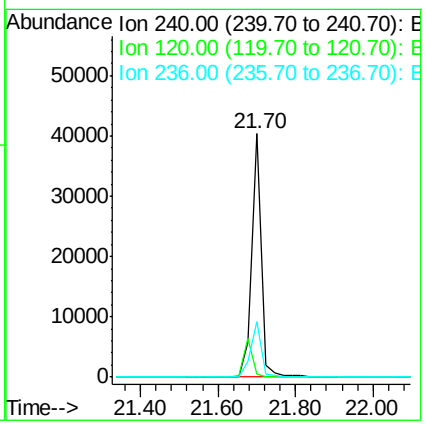


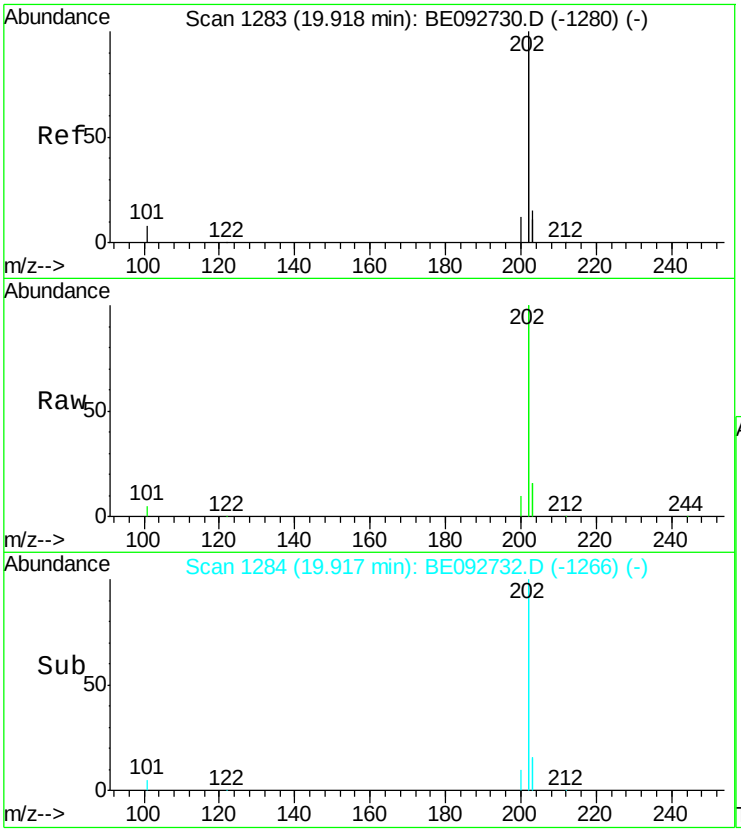


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Tgt Ion:240 Resp: 67440

Ion	Ratio	Lower	Upper
240	100		
120	1.0	2.6	4.0#
236	23.0	24.6	37.0#



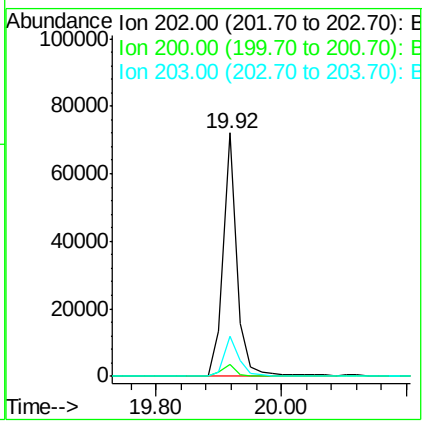


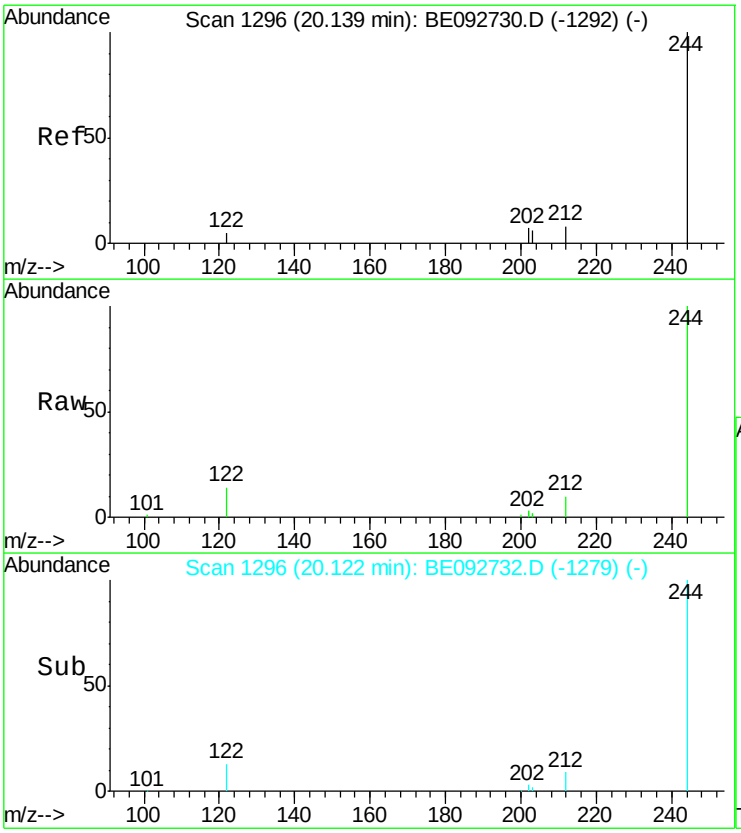
#25
Pyrene
Concen: 1.62 ng
RT: 19.92 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:202 Resp: 107938

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	17.3	13.9	20.9

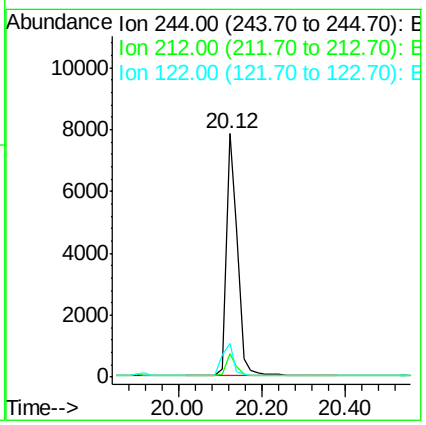


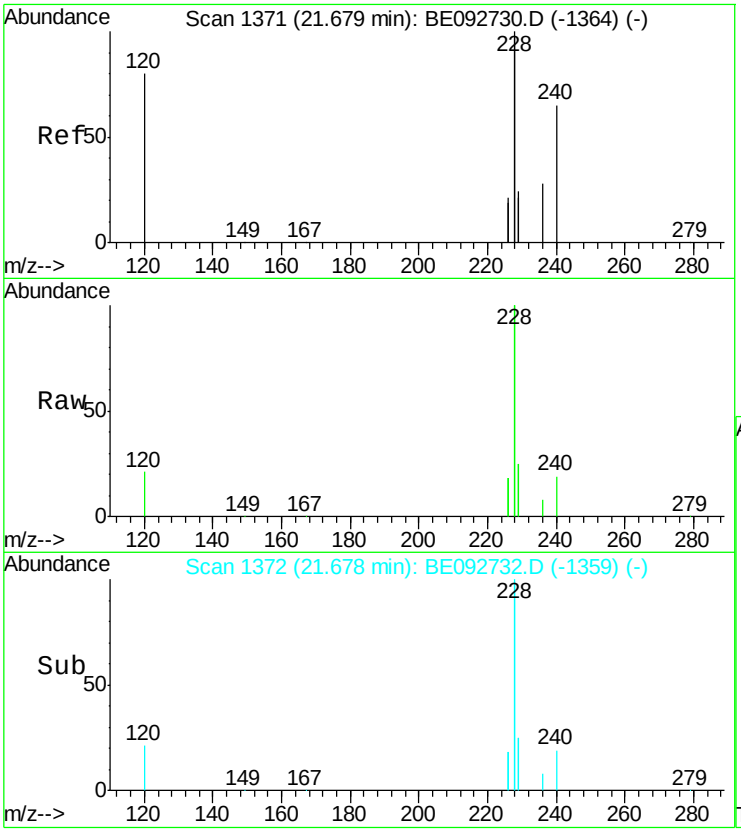


#26
Terphenyl-d14
Concen: 1.50 ng
RT: 20.12 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Tgt Ion:244 Resp: 14294

Ion	Ratio	Lower	Upper
244	100		
212	9.8	6.7	10.1
122	13.7	3.6	5.4#



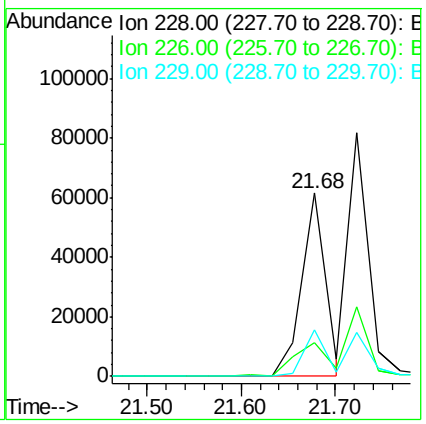


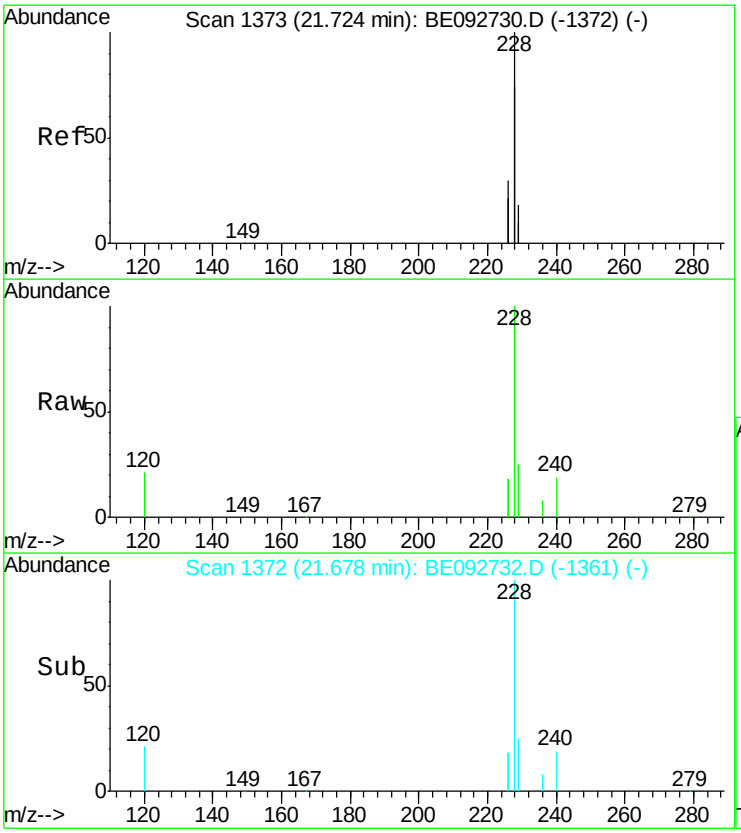
#27
Benzo(a)anthracene
Concen: 1.59 ng
RT: 21.68 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 105811

Ion	Ratio	Lower	Upper
228	100		
226	18.4	23.6	35.4#
229	25.2	13.3	19.9#

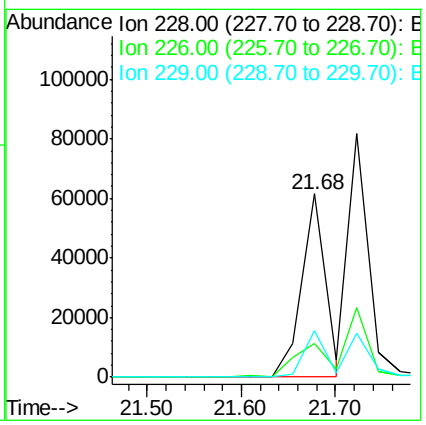


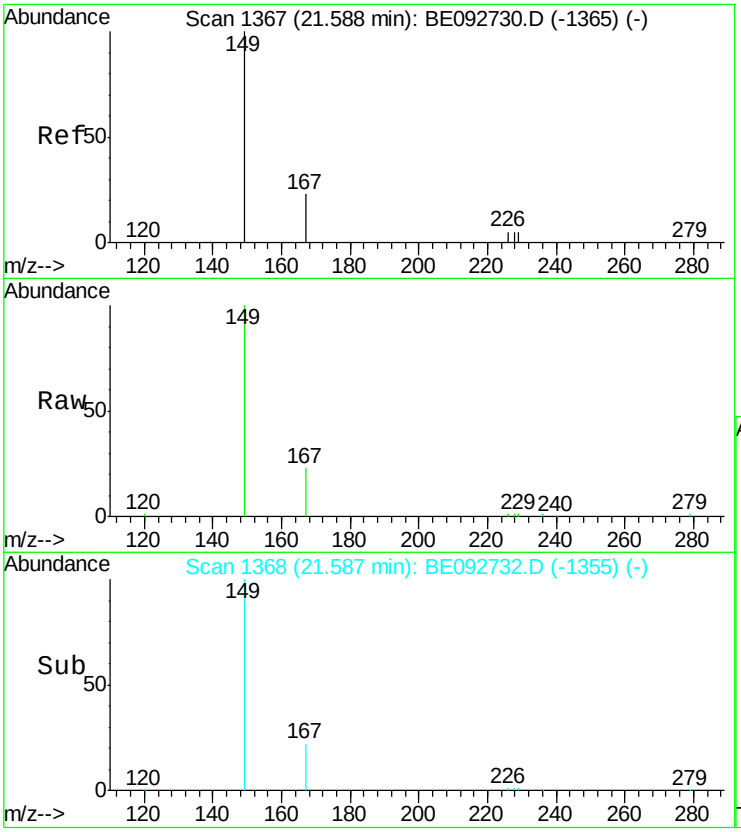


#28
Chrysene
Concen: 1.42 ng
RT: 21.68 min Scan# 1372
Delta R.T. -0.05 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Tgt Ion:228 Resp: 105811

Ion	Ratio	Lower	Upper
228	100		
226	18.4	36.3	54.5#
229	25.2	10.6	16.0#



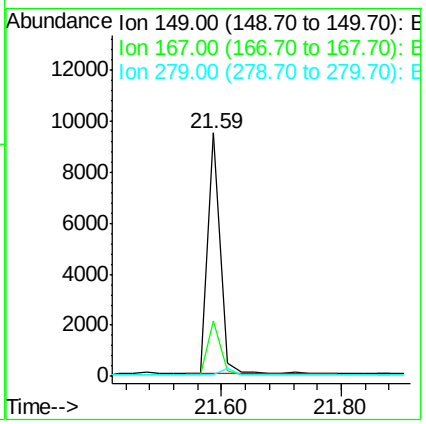


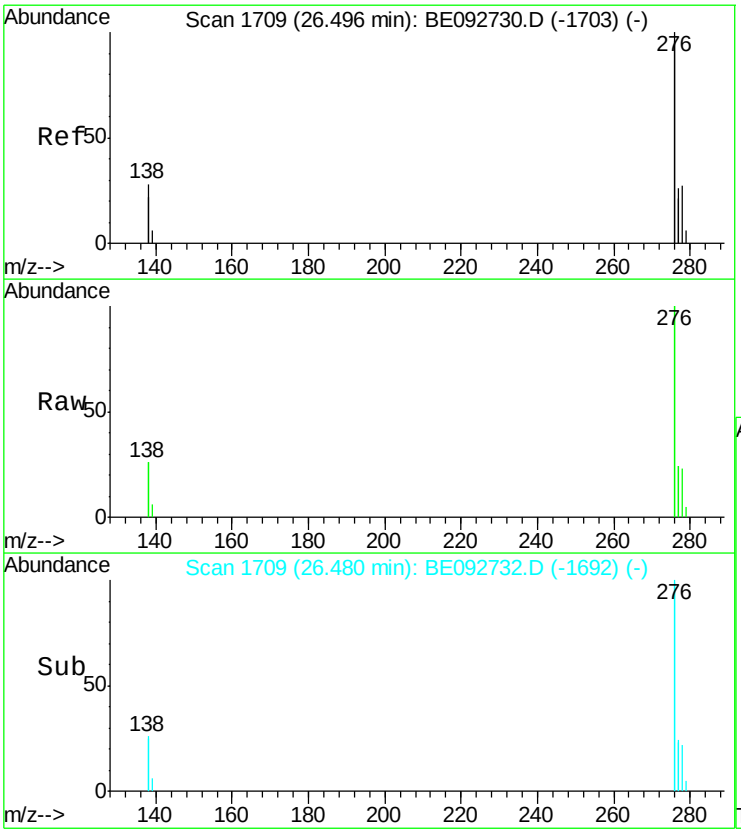
#29
Bis(2-ethylhexyl)phthalate
Concen: 1.11 ng
RT: 21.59 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:149 Resp: 13696

Ion	Ratio	Lower	Upper
149	100		
167	22.9	16.0	24.0
279	0.0	16.0	24.0#

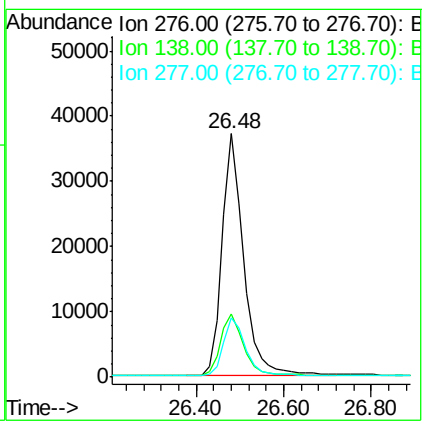


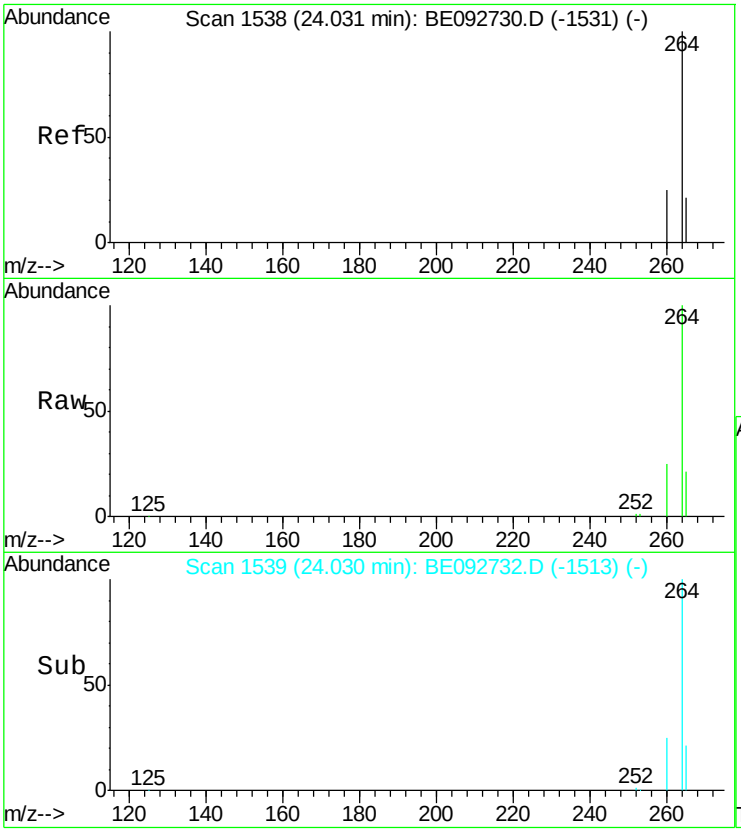


#30
Indeno(1,2,3-cd)pyrene
Concen: 1.59 ng
RT: 26.48 min Scan# 1709
Delta R.T. -0.02 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Tgt Ion:276 Resp: 128274

Ion	Ratio	Lower	Upper
276	100		
138	27.7	20.3	30.5
277	24.6	19.7	29.5



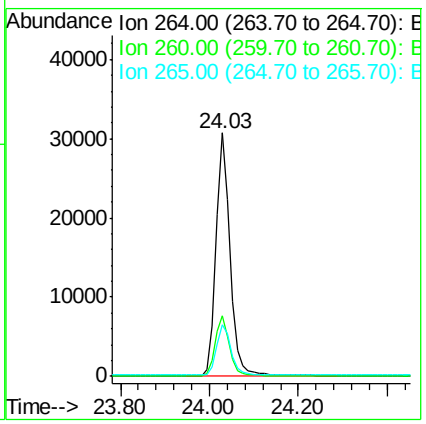


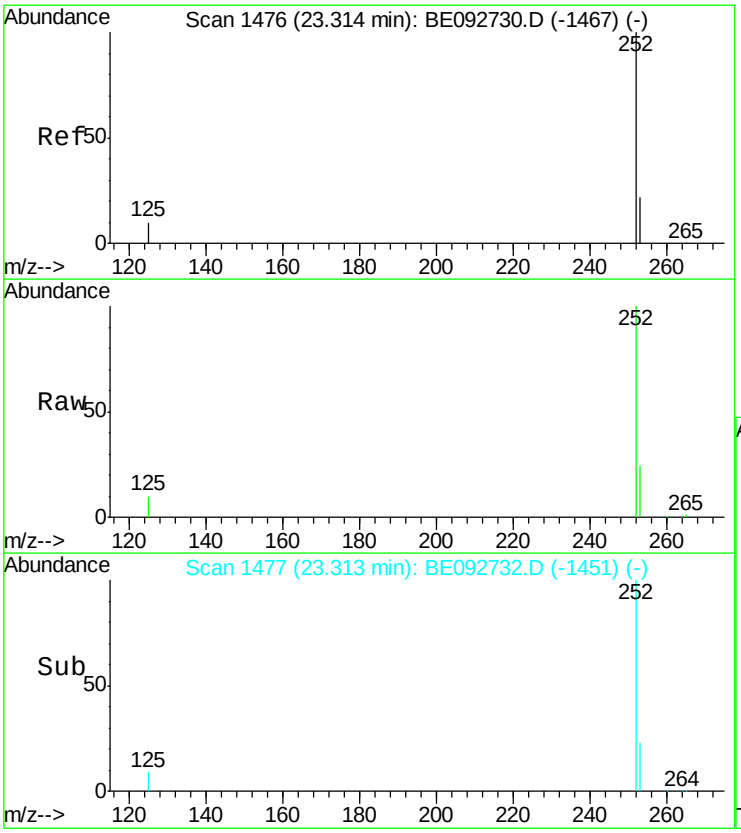
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.03 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:264 Resp: 67984

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.1	30.1
265	21.4	17.9	26.9

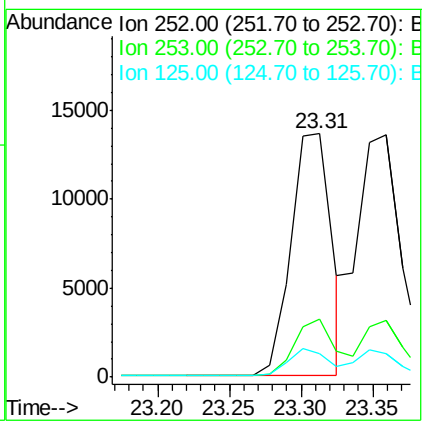


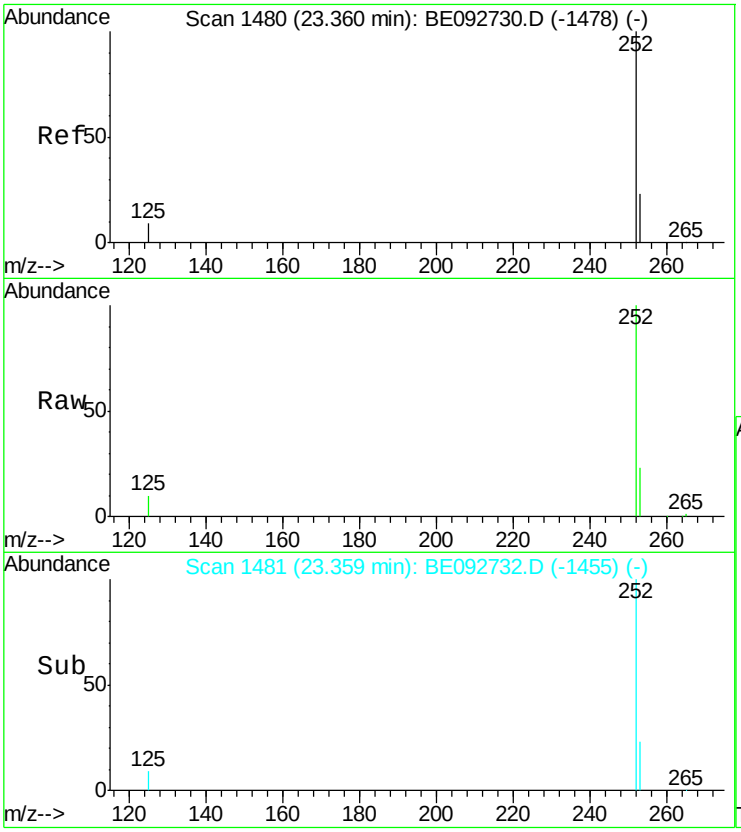


#32
Benzo(b)fluoranthene
Concen: 1.63 ng
RT: 23.31 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Tgt Ion:252 Resp: 26761

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.7	28.1
125	9.8	10.5	15.7#



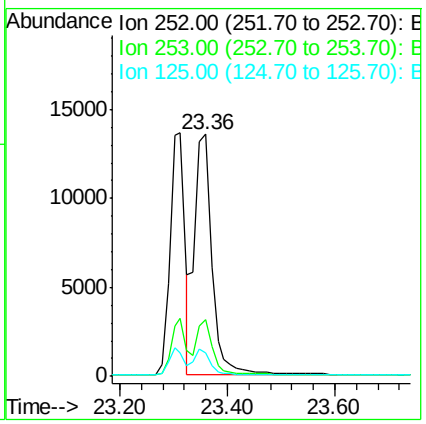


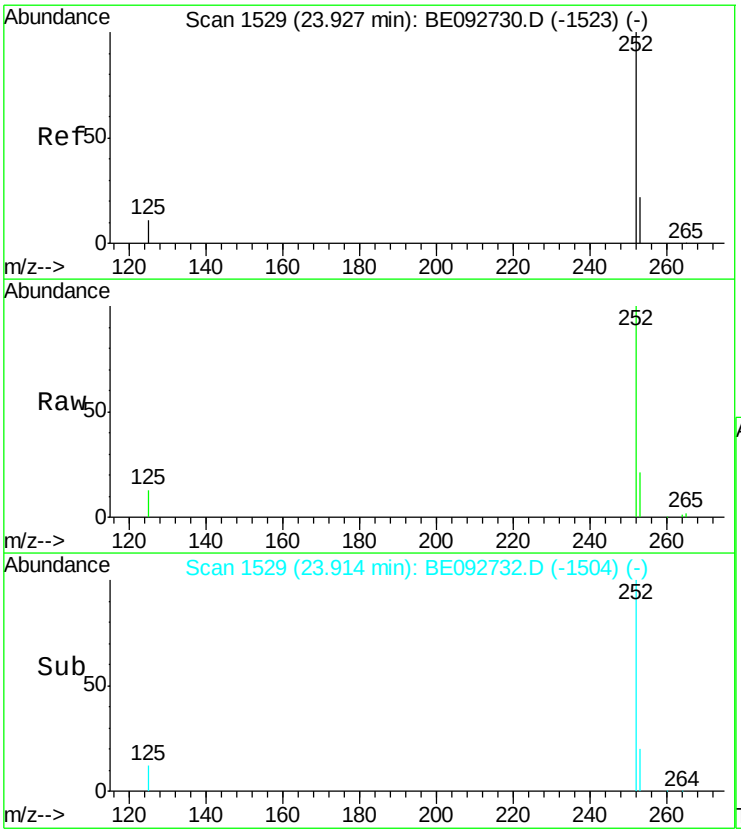
#33
Benzo(k)fluoranthene
Concen: 1.82 ng
RT: 23.36 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 30084

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.3	30.5
125	9.9	9.6	14.4

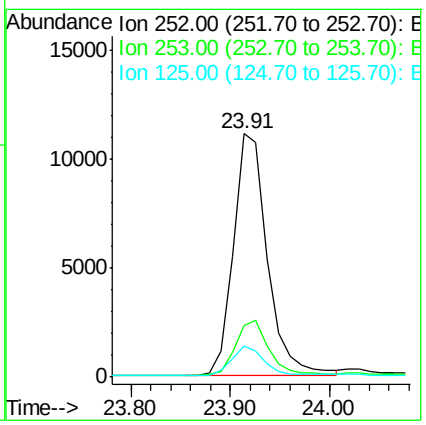


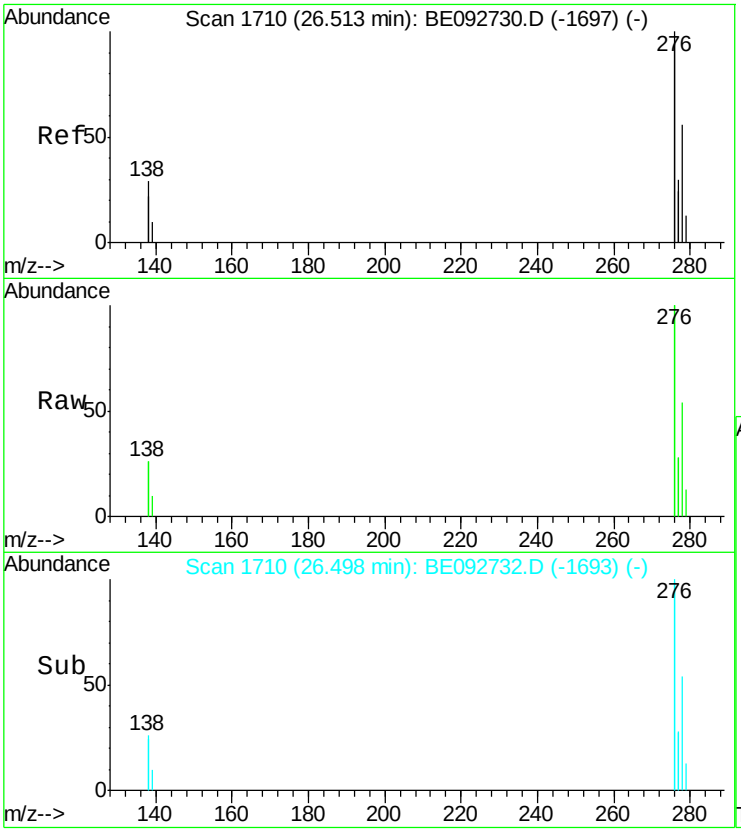


#34
Benzo(a)pyrene
Concen: 1.69 ng
RT: 23.91 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Tgt Ion:252 Resp: 26101

Ion	Ratio	Lower	Upper
252	100		
253	21.0	19.0	28.6
125	12.7	11.8	17.8



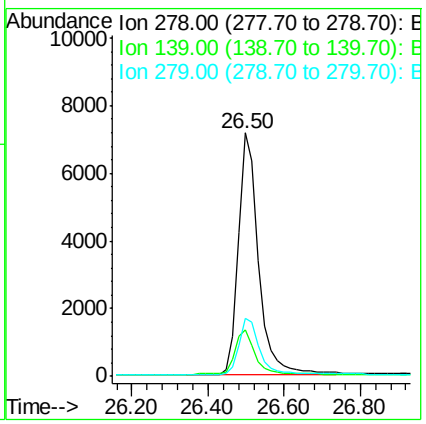


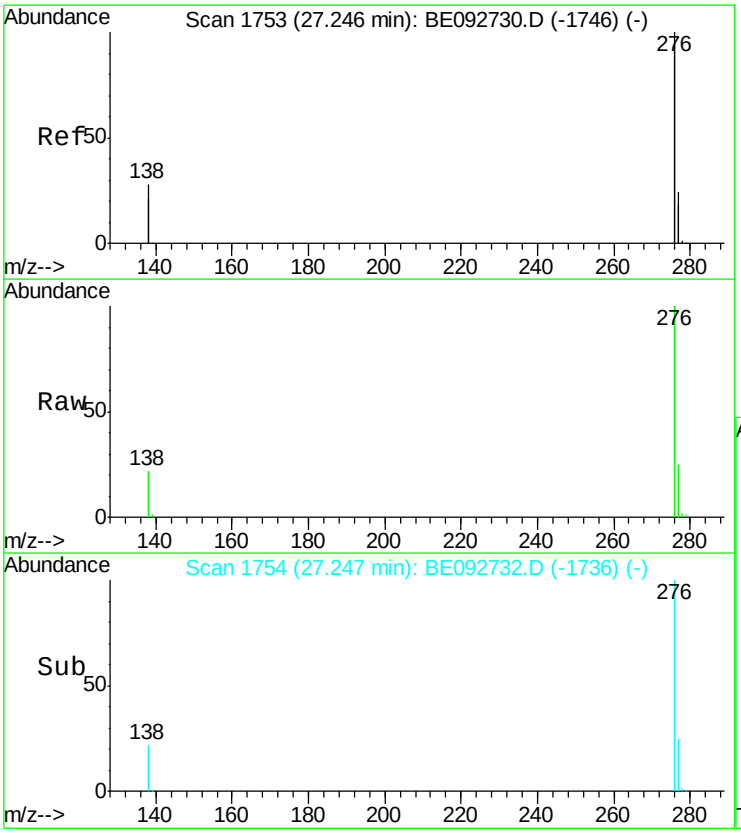
#35
Dibenzo(a,h)anthracene
Concen: 1.77 ng
RT: 26.50 min Scan# 1710
Delta R.T. -0.02 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:278 Resp: 26688

Ion	Ratio	Lower	Upper
278	100		
139	18.8	13.8	20.8
279	24.1	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 1.76 ng
RT: 27.25 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BE092732.D
Acq: 15 Feb 2017 14:20

Tgt Ion:276 Resp: 112260

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.8	29.8
138	22.1	19.8	29.6