Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021517\
Data File : BE092731.D
Acq On : 15 Feb 2017 13:44
Operator : SJ/MA
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: Feb 15 14:48:08 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	9209	5.00	ng		0.00
7) Naphthalene-d8	10.89	136	43161	5.00	ng		0.00
12) Acenaphthene-d10	14.76	164	27068	5.00	ng		0.00
18) Phenanthrene-d10	17.51	188	57776	5.00	ng		0.00
24) Chrysene-d12	21.70	240	69962	5.00	ng		0.00
31) Perylene-d12	24.03	264	64784	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.62	112	1414	0.69	ng		-0.01
5) Phenol-d6	7.29	99	1811	0.72	ng		-0.02
8) Nitrobenzene-d5	9.29	82	2003	0.71	ng		-0.02
13) 2,4,6-Tribromophenol	16.27	330	438	0.64	ng		-0.01
14) 2-Fluorobiphenyl	13.39	172	5368	0.81	ng		-0.01
26) Terphenyl-d14	20.14	244	6529	0.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	968	0.68	ng		93
3) n-Nitrosodimethylamine	3.71	42	1037	0.62	ng		99
6) bis(2-Chloroethyl)ether	7.54	93	1971	0.74	ng	#	28
9) Naphthalene	10.93	128	7505	0.83	ng		97
10) Hexachlorobutadiene	11.22	225	1113	0.84	ng		100
11) 2-Methylnaphthalene	12.58	142	4693	0.84	ng		94
15) Acenaphthylene	14.47	152	32741	0.88	ng		100
16) Acenaphthene	14.81	154	4909	0.82	ng		91
17) Fluorene	15.81	166	6206	0.83	ng		99
19) Hexachlorobenzene	16.84	284	1797	0.82	ng	#	39
20) Pentachlorophenol	17.28	266	333	0.56	ng		93
21) Phenanthrene	17.56	178	10930	0.86	ng	#	94
22) Anthracene	17.65	178	10510	0.89	ng		100
23) Fluoranthene	19.56	202	46208	0.82	ng		99
25) Pyrene	19.92	202	50201	0.73	ng		100
27) Benzo(a)anthracene	21.68	228	51317	0.74	ng	#	83
28) Chrysene	21.68	228	51317	0.66	ng	#	65
29) Bis(2-ethylhexyl)phthalate	21.59	149	5508	0.43	ng	#	75
30) Indeno(1,2,3-cd)pyrene	26.50	276	61759	0.74	ng		97
32) Benzo(b)fluoranthene	23.31	252	13598	0.87	ng		97
33) Benzo(k)fluoranthene	23.36	252	14127	0.90	ng		95
34) Benzo(a)pyrene	23.93	252	12356	0.84	ng		97
35) Dibenzo(a,h)anthracene	26.51	278	12936	0.90	ng		98
36) Benzo(g,h,i)perylene	27.25	276	55014	0.90	ng		99

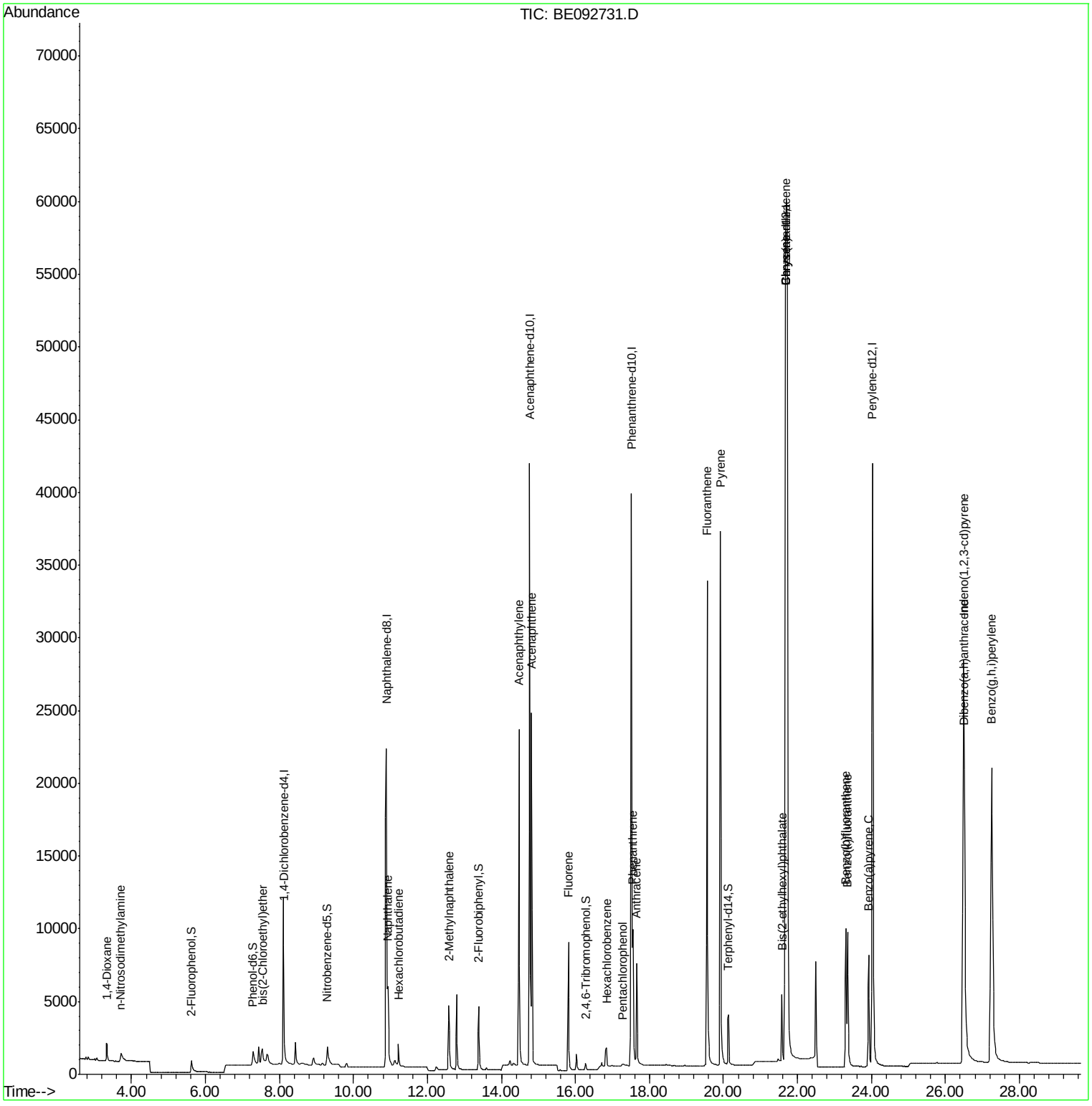
(#) = qualifier out of range (m) = manual integration (+) = signals summed

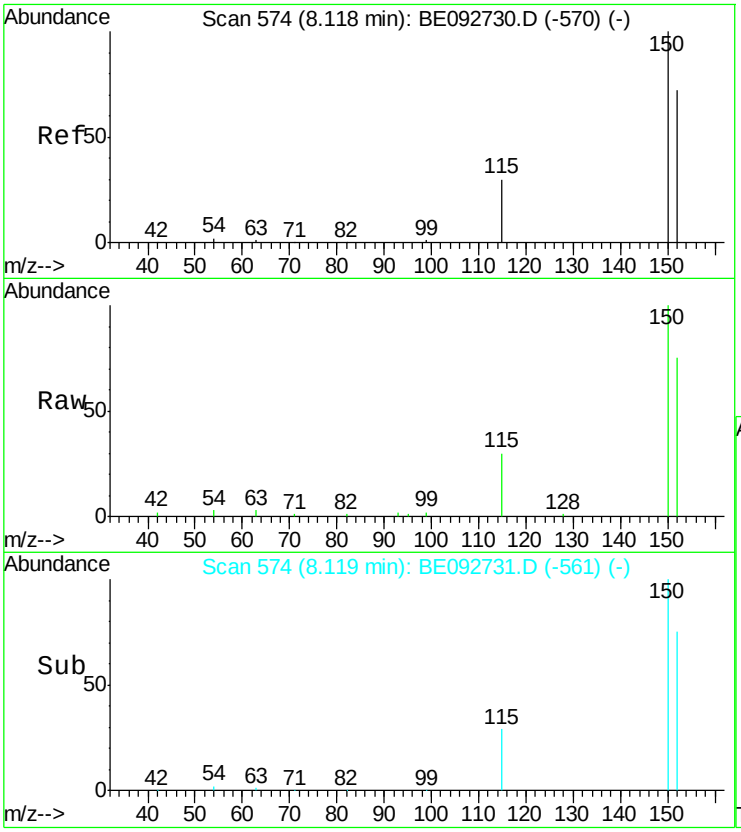
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021517\
Data File : BE092731.D
Acq On : 15 Feb 2017 13:44
Operator : SJ/MA
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: Feb 15 14:48:08 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



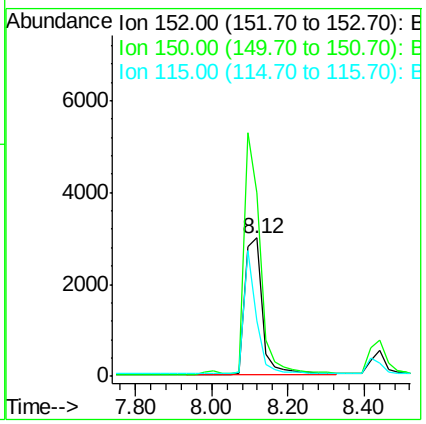


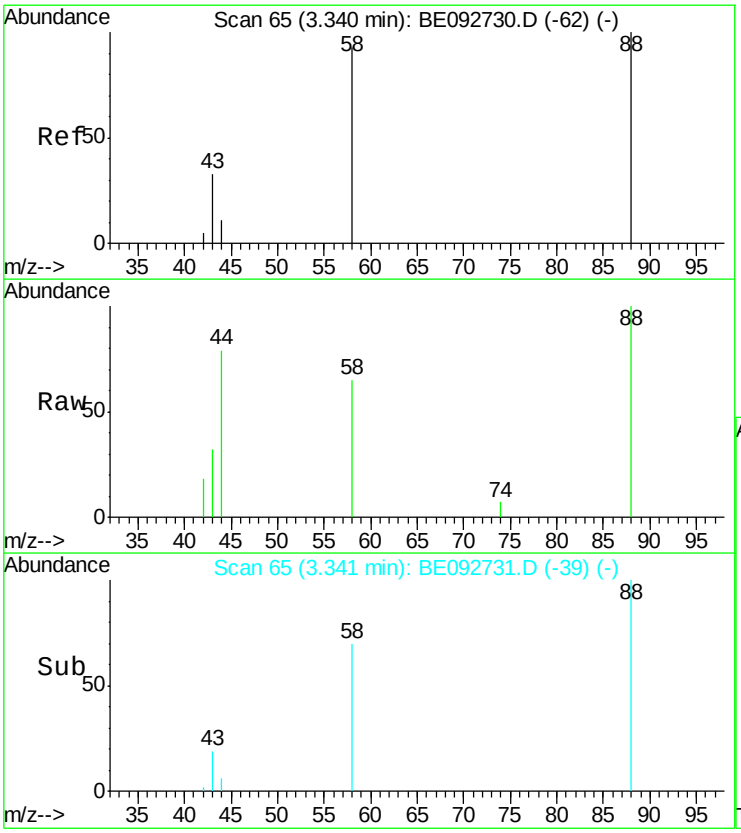
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.12 min Scan# 574
Delta R.T. 0.00 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 9209

Ion	Ratio	Lower	Upper
152	100		
150	133.1	106.0	159.0
115	39.7	31.2	46.8

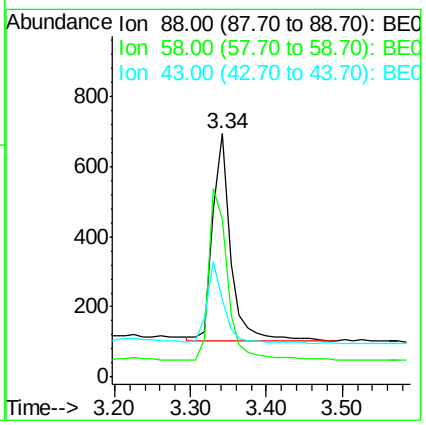


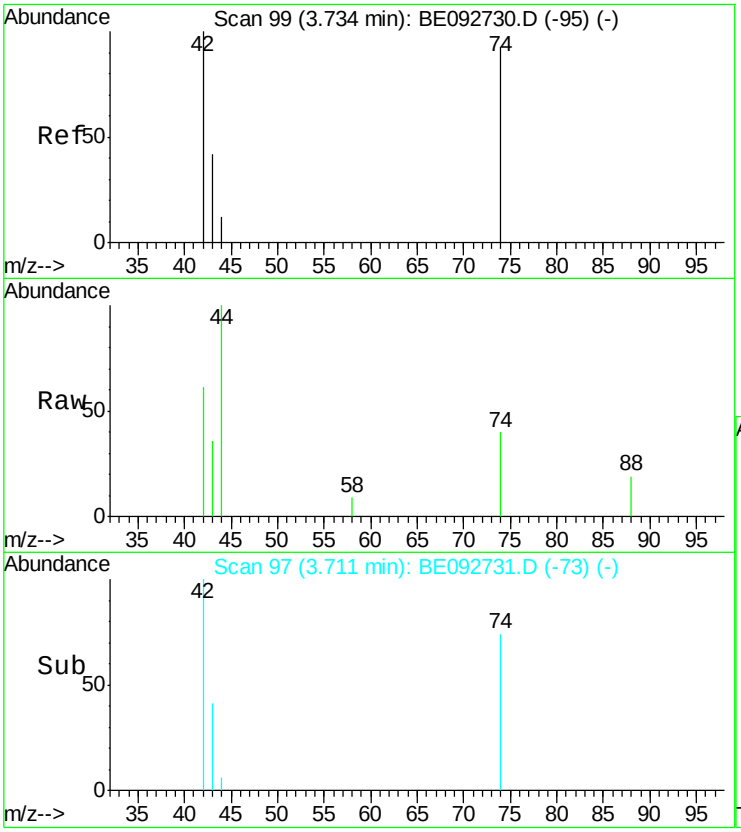


#2
1,4-Dioxane
Concen: 0.68 ng
RT: 3.34 min Scan# 65
Delta R.T. 0.00 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Tgt Ion: 88 Resp: 968

Ion	Ratio	Lower	Upper
88	100		
58	85.3	63.6	95.4
43	38.7	28.0	42.0



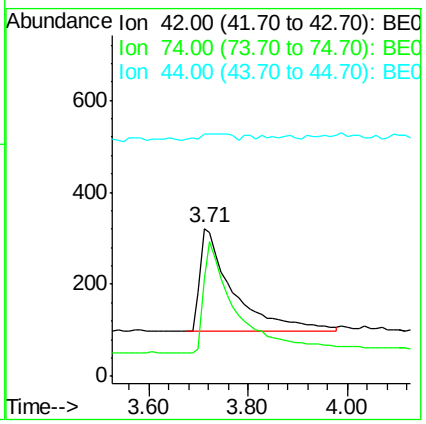


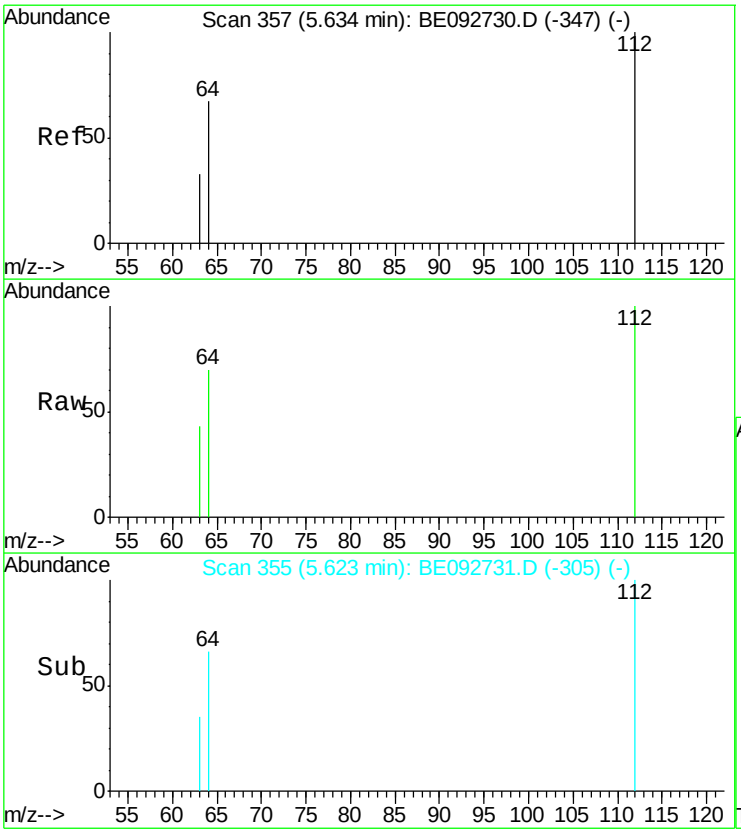
#3
n-Nitrosodimethylamine
Concen: 0.62 ng
RT: 3.71 min Scan# 97
Delta R.T. -0.02 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 1037

Ion	Ratio	Lower	Upper
42	100		
74	106.0	86.0	129.0
44	6.4	5.1	7.7

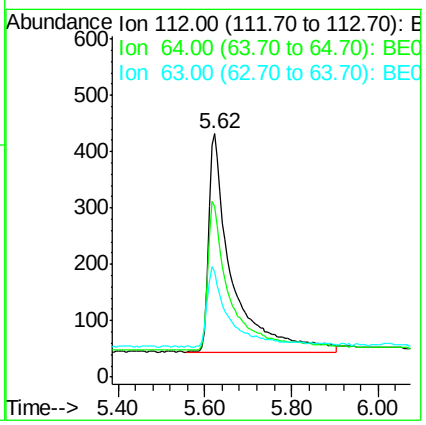


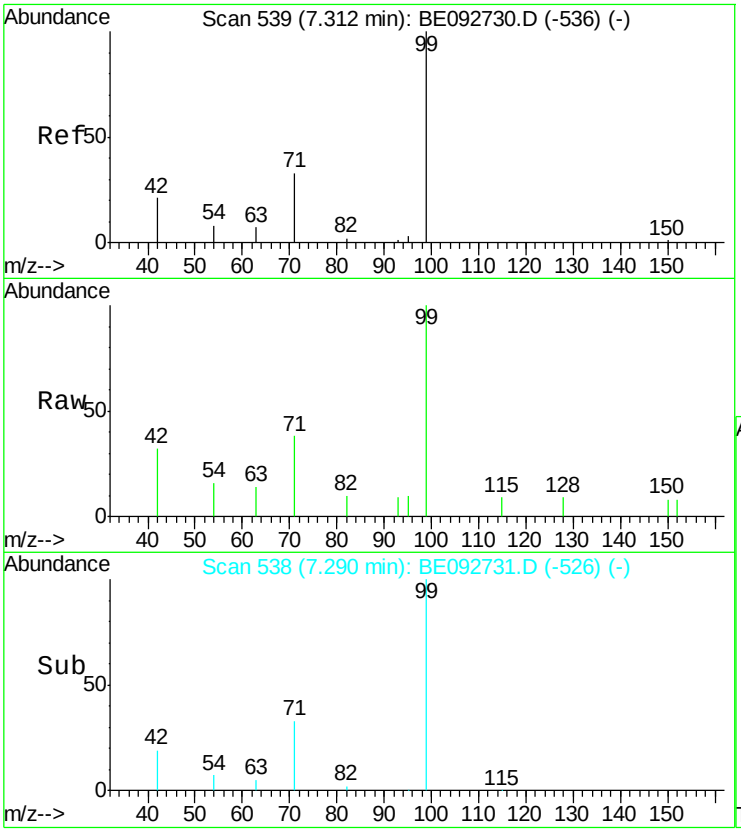


#4
2-Fluorophenol
Concen: 0.69 ng
RT: 5.62 min Scan# 355
Delta R.T. -0.01 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Tgt Ion:112 Resp: 1414

Ion	Ratio	Lower	Upper
112	100		
64	63.5	53.5	80.3
63	34.0	27.9	41.9



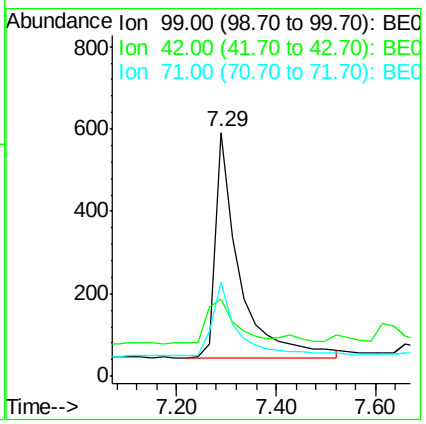


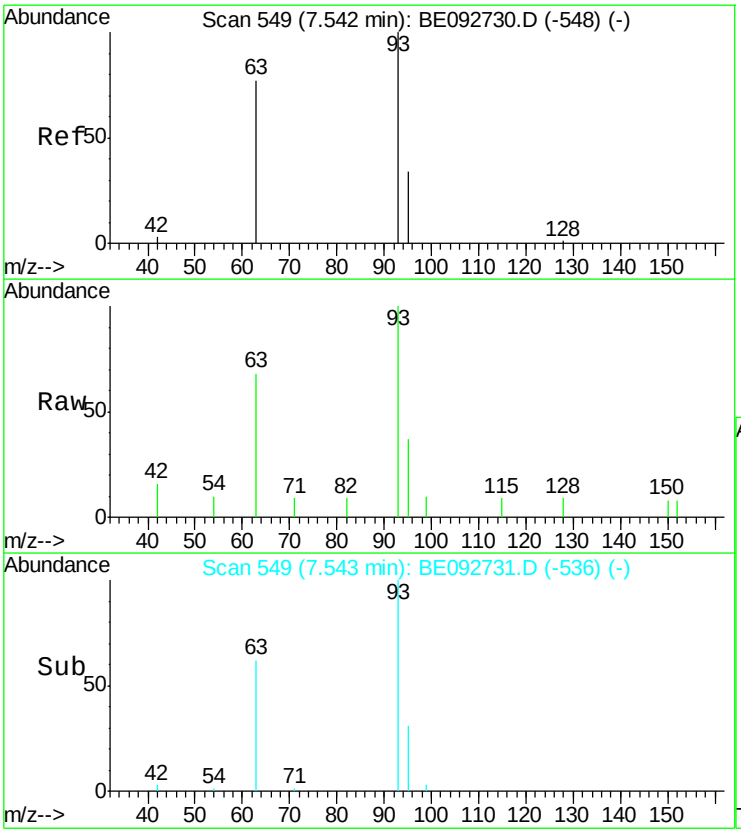
#5
Phenol-d6
Concen: 0.72 ng
RT: 7.29 min Scan# 538
Delta R.T. -0.02 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 1811

Ion	Ratio	Lower	Upper
99	100		
42	24.2	16.0	24.0#
71	35.3	30.6	45.8

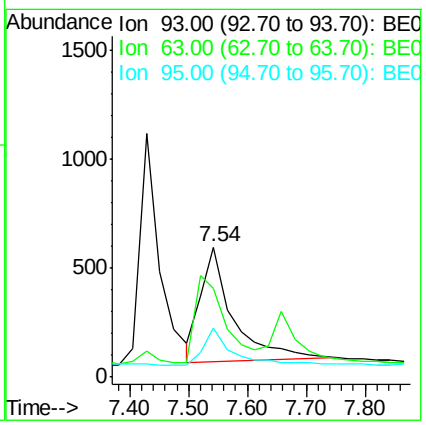


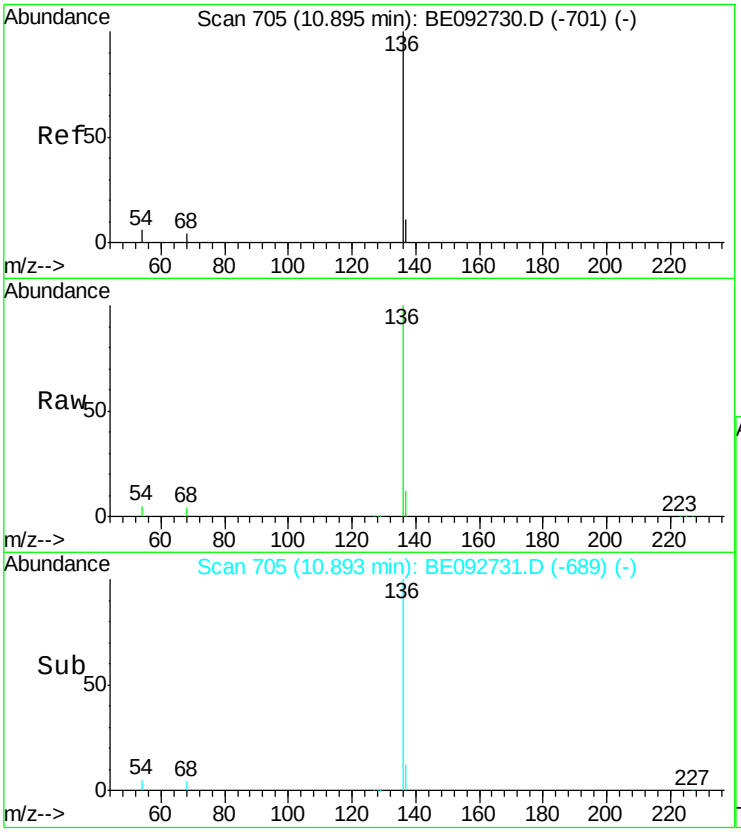


#6
bis(2-Chloroethyl)ether
Concen: 0.74 ng
RT: 7.54 min Scan# 549
Delta R.T. 0.00 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Tgt Ion: 93 Resp: 1971

Ion	Ratio	Lower	Upper
93	100		
63	0.0	71.6	107.4#
95	29.7	24.0	36.0



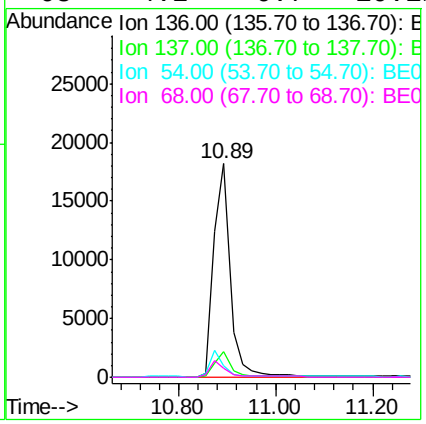


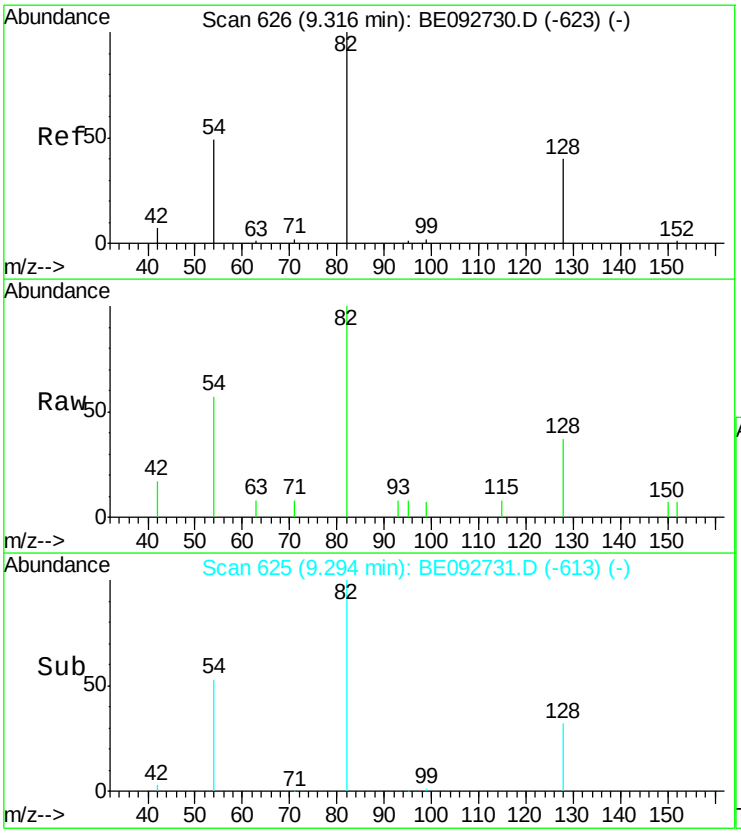
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.89 min Scan# 705
Delta R.T. -0.00 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 43161

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.2	12.4
54	5.5	9.6	14.4#
68	4.2	6.7	10.1#

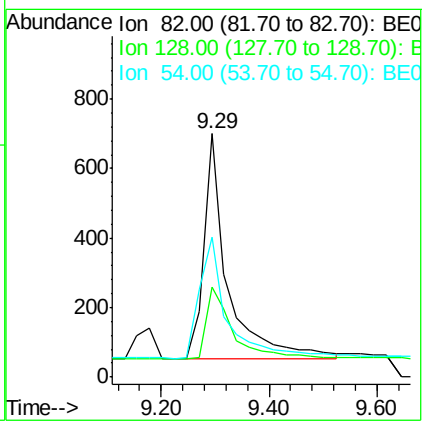


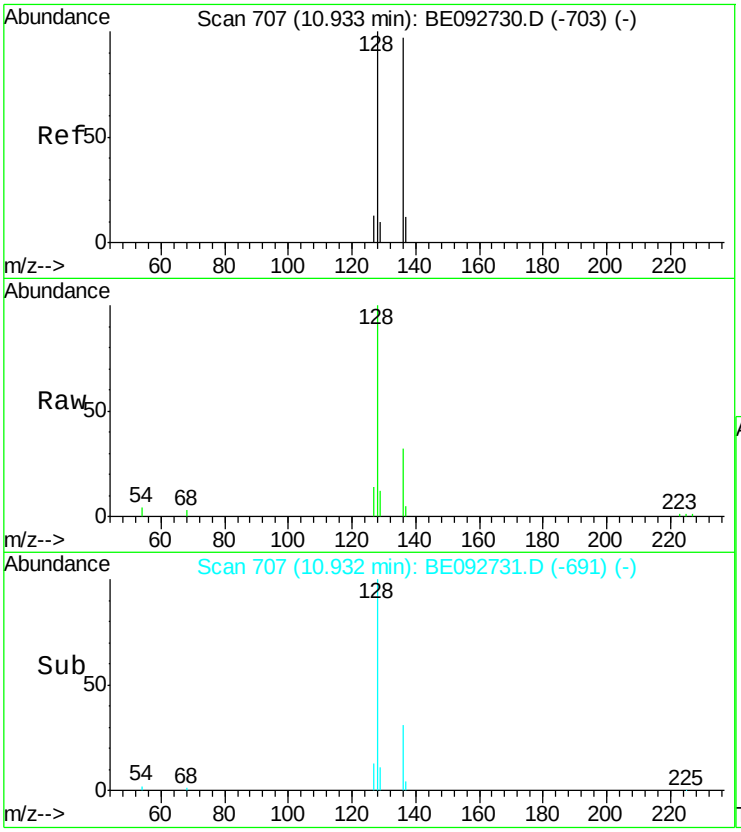


#8
Nitrobenzene-d5
Concen: 0.71 ng
RT: 9.29 min Scan# 625
Delta R.T. -0.02 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Tgt Ion: 82 Resp: 2003

Ion	Ratio	Lower	Upper
82	100		
128	37.1	39.0	58.4#
54	57.5	44.8	67.2



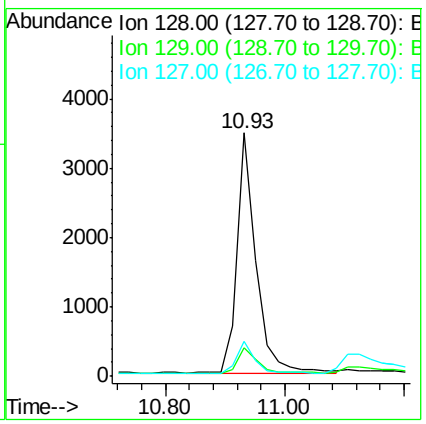


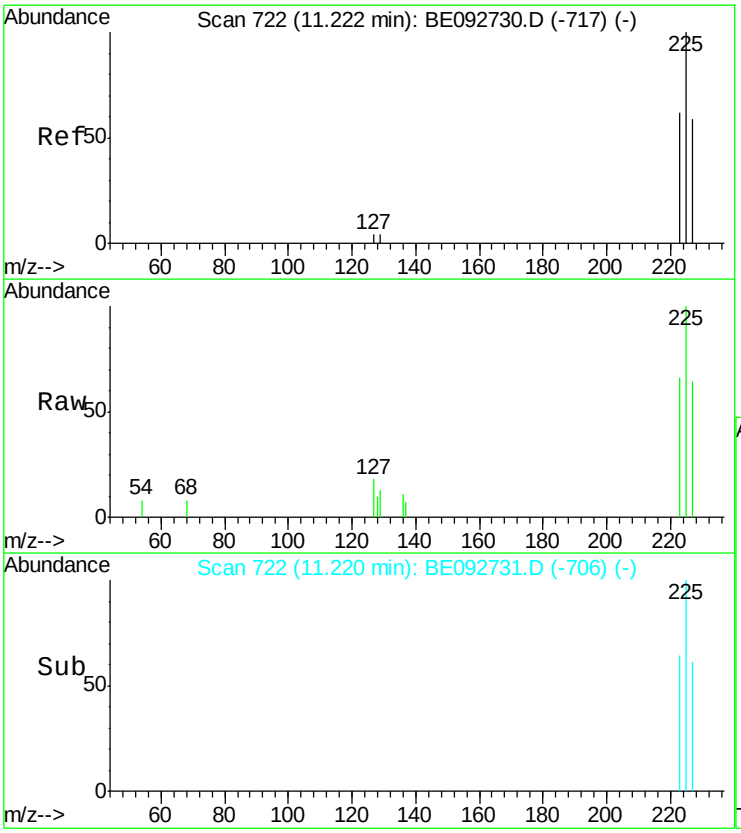
#9
Naphthalene
Concen: 0.83 ng
RT: 10.93 min Scan# 707
Delta R.T. -0.00 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 7505

Ion	Ratio	Lower	Upper
128	100		
129	11.9	11.2	16.8
127	14.3	11.6	17.4

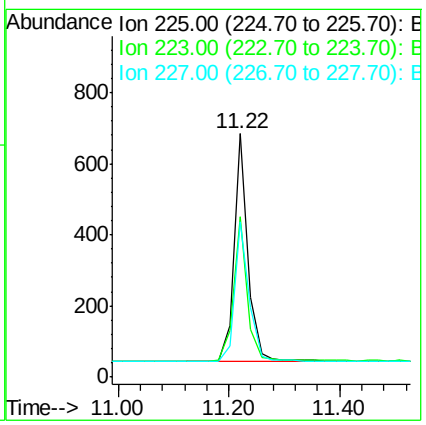


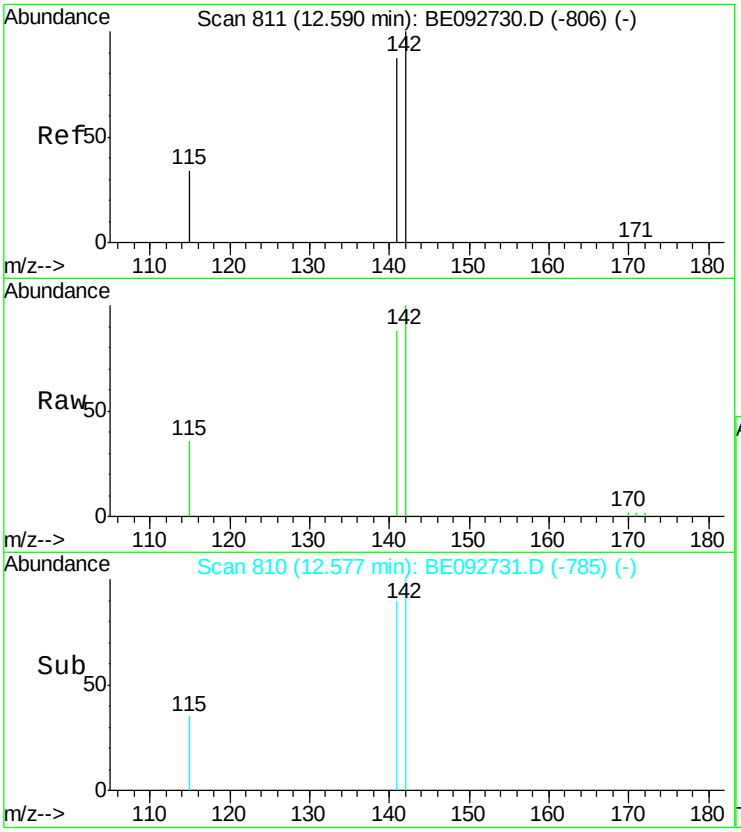


#10
Hexachlorobutadiene
Concen: 0.84 ng
RT: 11.22 min Scan# 722
Delta R.T. -0.00 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Tgt Ion:225 Resp: 1113

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	63.9	51.4	77.0



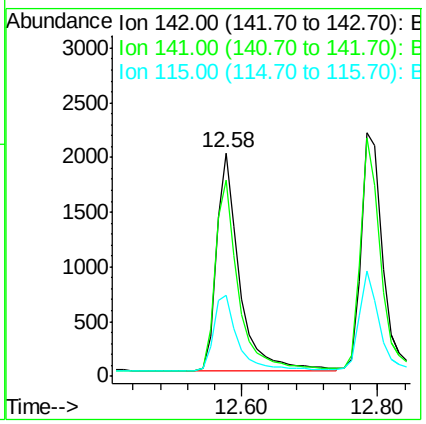


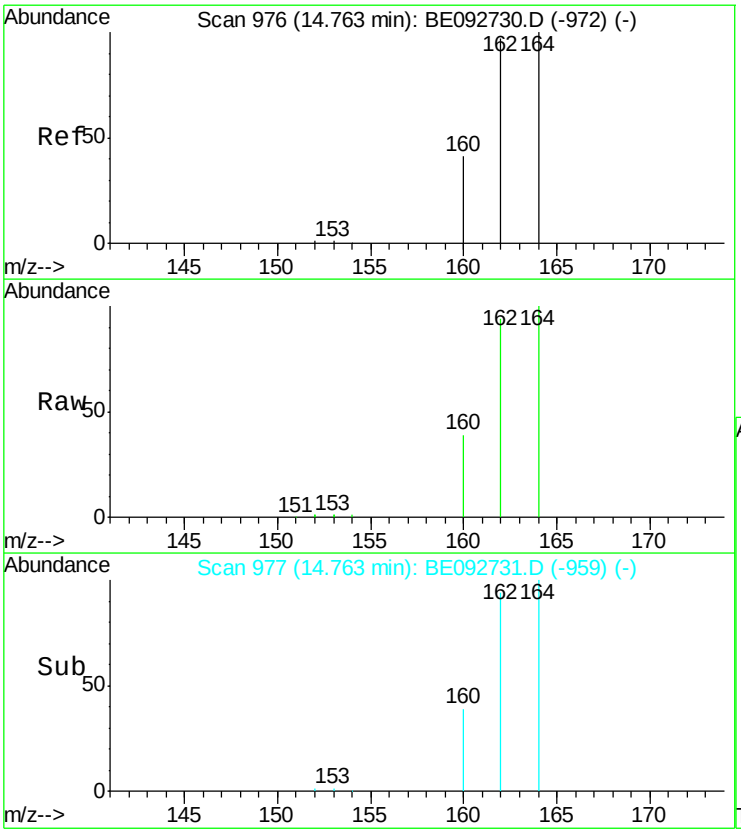
#11
2-Methylnaphthalene
Concen: 0.84 ng
RT: 12.58 min Scan# 810
Delta R.T. -0.01 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:142 Resp: 4693

Ion	Ratio	Lower	Upper
142	100		
141	87.9	73.7	110.5
115	36.2	34.0	51.0

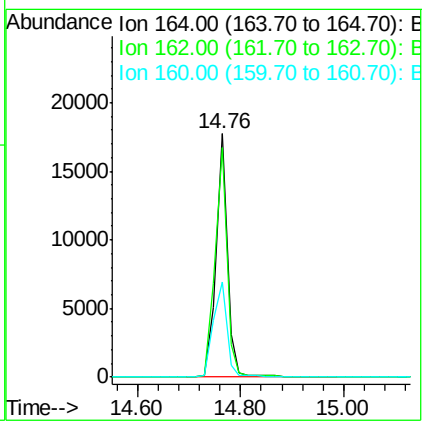


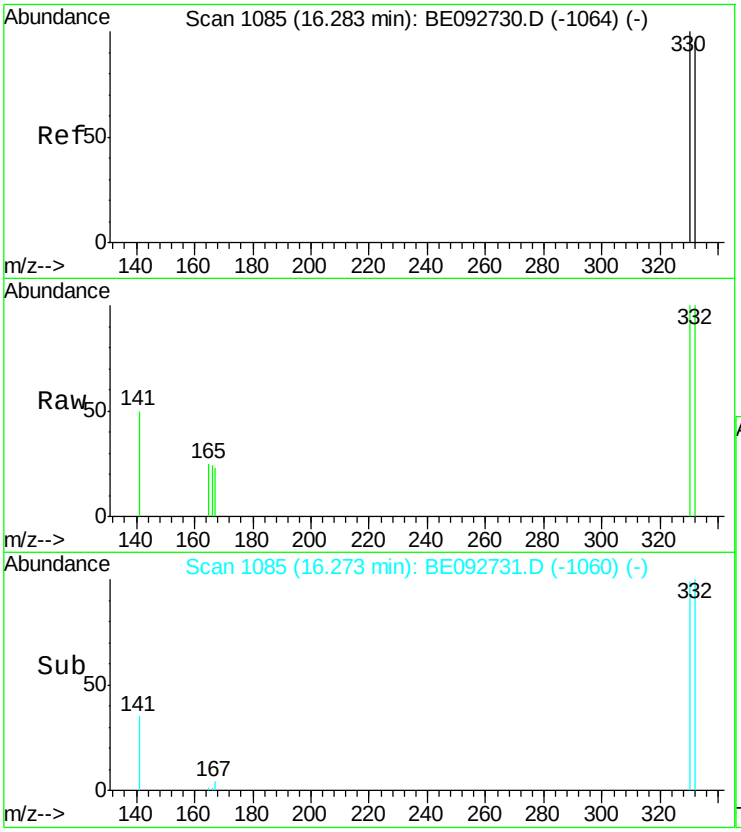


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.76 min Scan# 977
Delta R.T. 0.00 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Tgt Ion:164 Resp: 27068

Ion	Ratio	Lower	Upper
164	100		
162	94.1	71.4	107.0
160	39.3	27.4	41.2



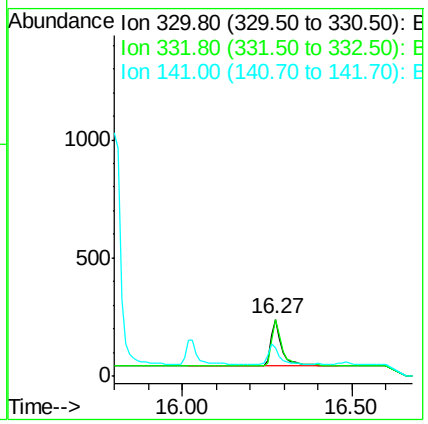


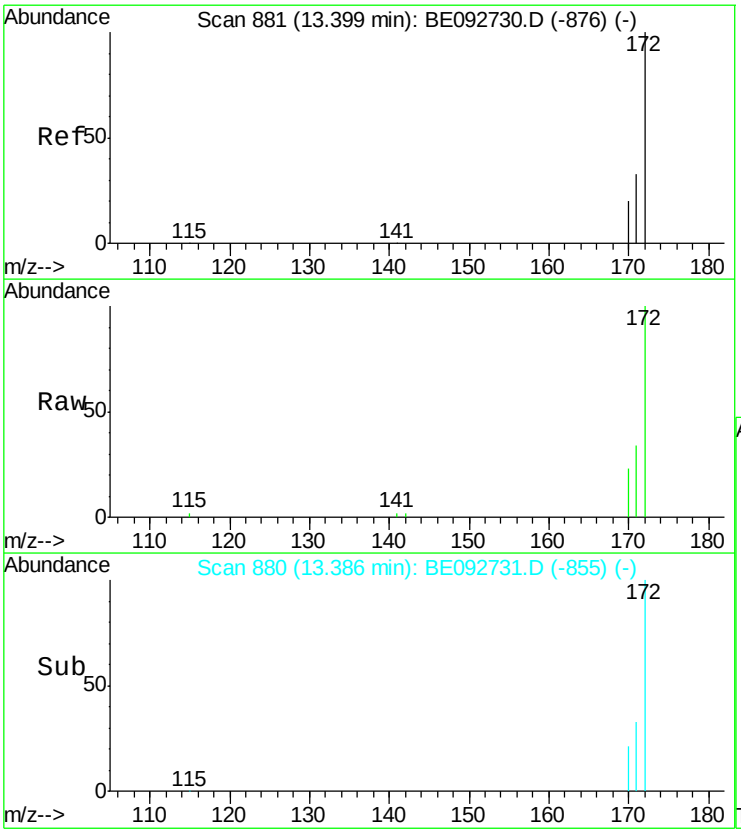
#13
2,4,6-Tribromophenol
Concen: 0.64 ng
RT: 16.27 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:330 Resp: 438

Ion	Ratio	Lower	Upper
330	100		
332	100.5	75.4	113.0
141	46.1	31.0	46.6

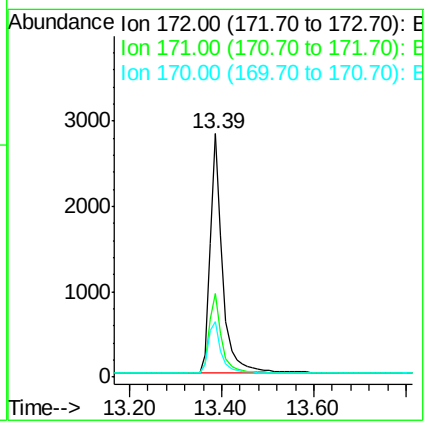


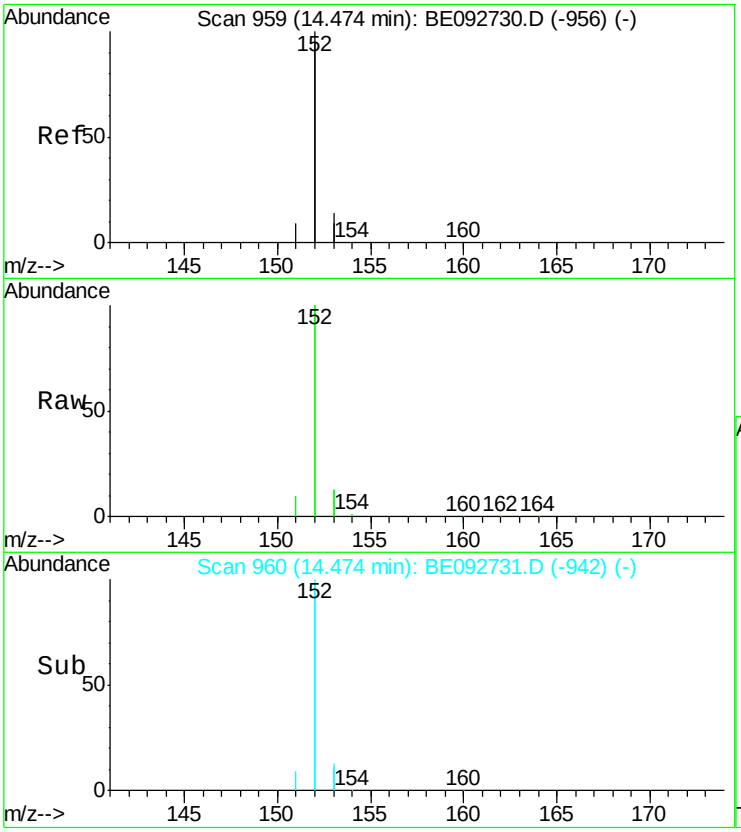


#14
2-Fluorobiphenyl
Concen: 0.81 ng
RT: 13.39 min Scan# 880
Delta R.T. -0.01 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Tgt Ion:172 Resp: 5368

Ion	Ratio	Lower	Upper
172	100		
171	34.1	30.1	45.1
170	22.6	21.8	32.6



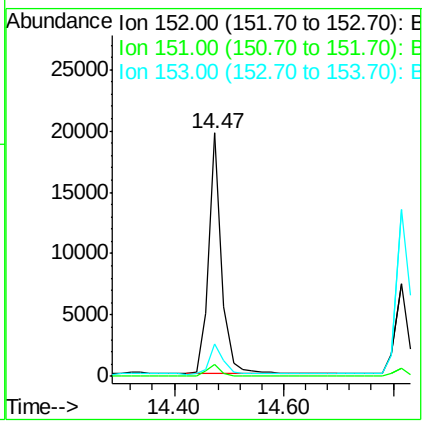


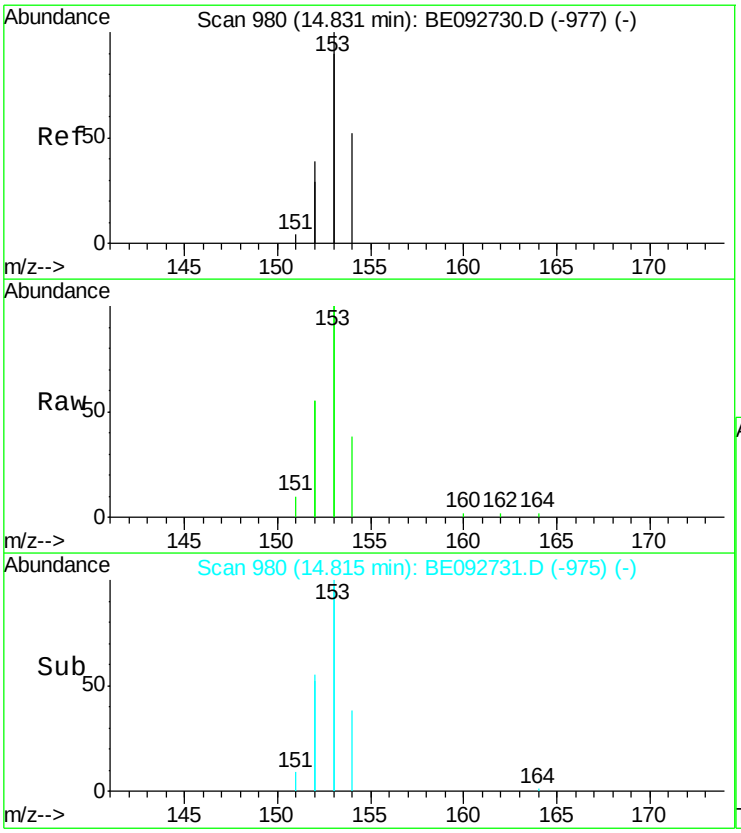
#15
Acenaphthylene
Concen: 0.88 ng
RT: 14.47 min Scan# 960
Delta R.T. 0.00 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 32741

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.1	10.4	15.6

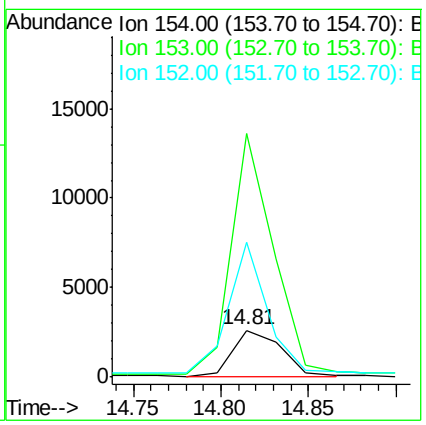


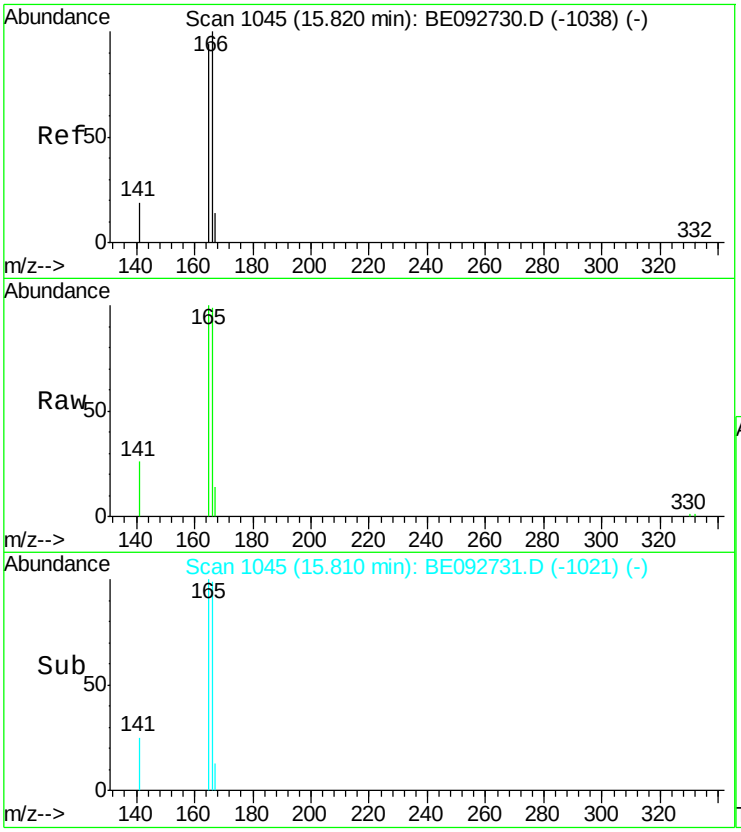


#16
Acenaphthene
Concen: 0.82 ng
RT: 14.81 min Scan# 980
Delta R.T. -0.02 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Tgt Ion:154 Resp: 4909

Ion	Ratio	Lower	Upper
154	100		
153	456.9	350.8	526.2
152	231.5	171.1	256.7



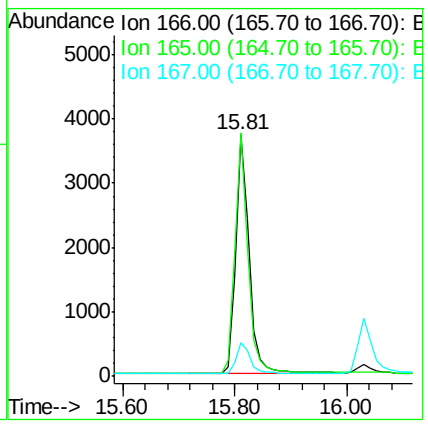


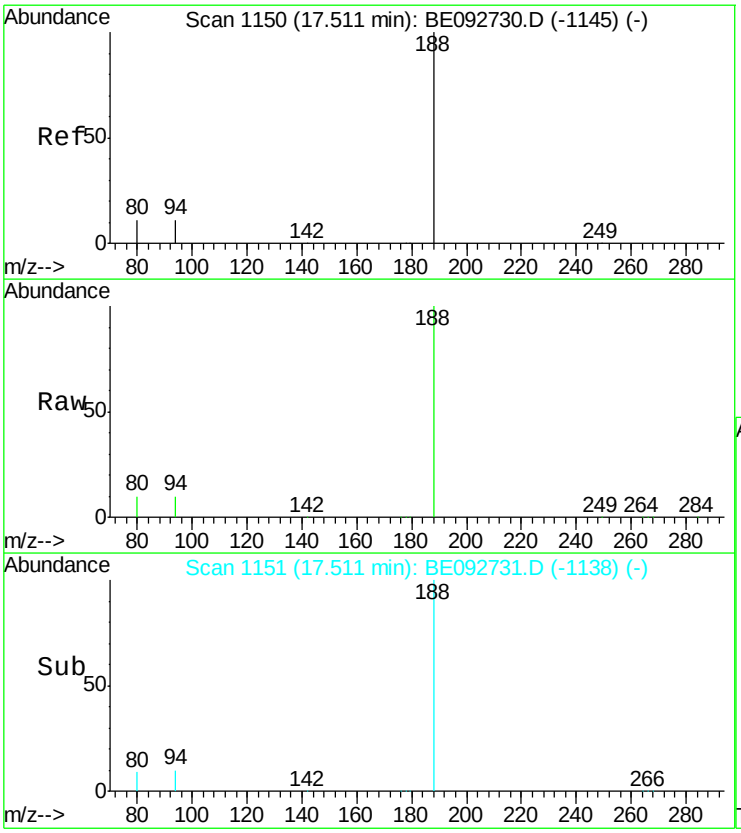
#17
Fluorene
Concen: 0.83 ng
RT: 15.81 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:166 Resp: 6206

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.2	117.4
167	13.4	11.0	16.4

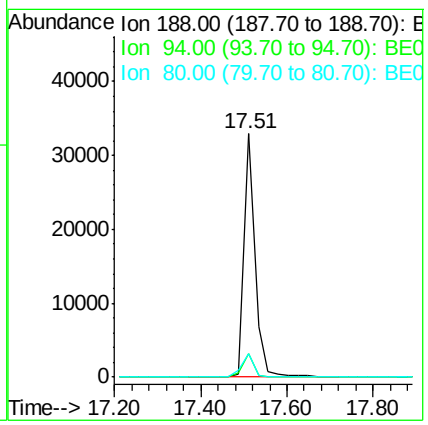


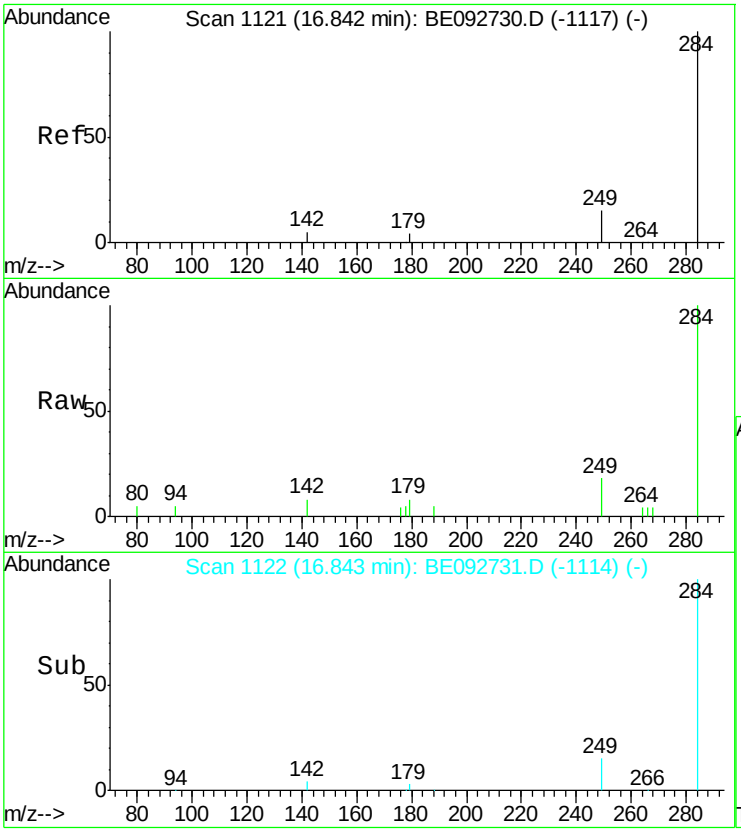


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.51 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Tgt Ion:188 Resp: 57776

Ion	Ratio	Lower	Upper
188	100		
94	9.9	3.2	4.8#
80	9.6	2.6	3.8#



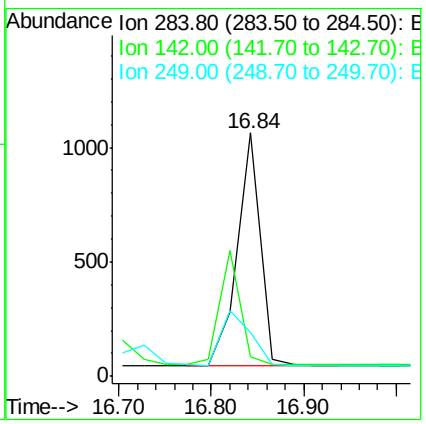


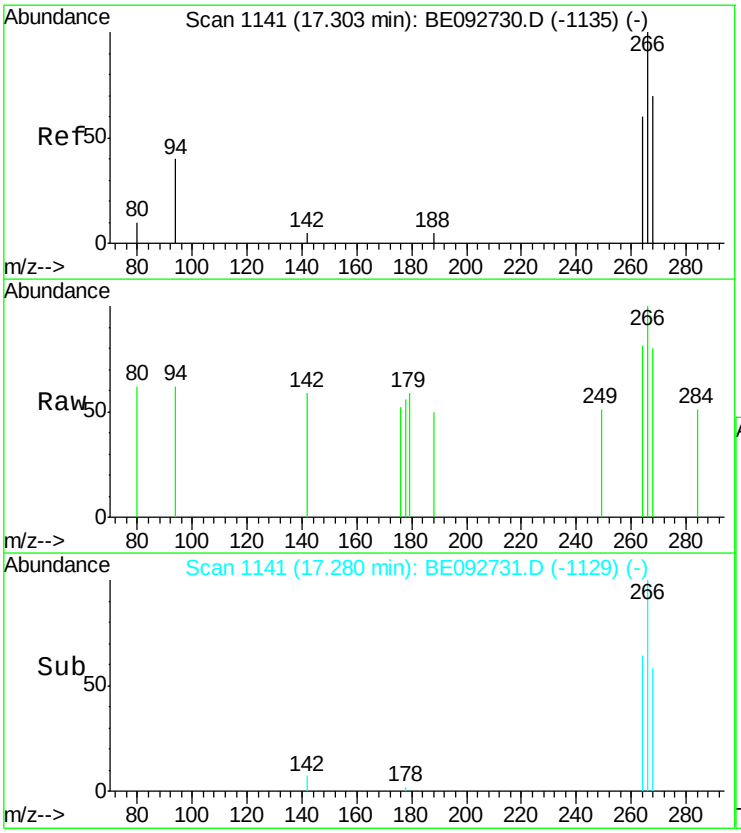
#19
Hexachlorobenzene
Concen: 0.82 ng
RT: 16.84 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 1797

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

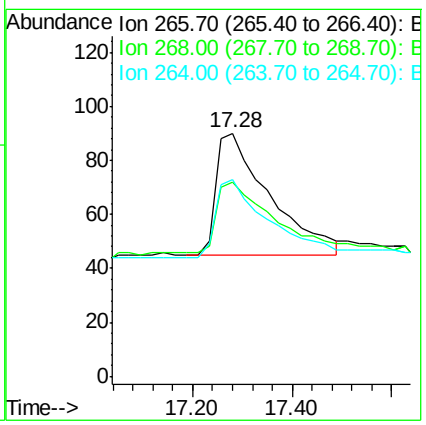


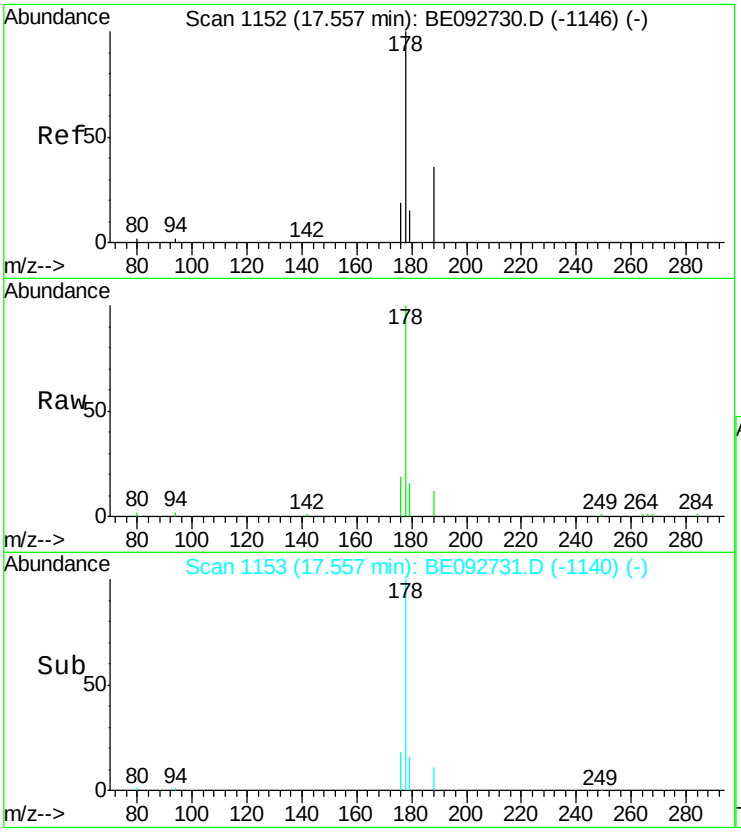


#20
Pentachlorophenol
Concen: 0.56 ng
RT: 17.28 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Tgt Ion:266 Resp: 333

Ion	Ratio	Lower	Upper
266	100		
268	80.0	62.5	93.7
264	81.1	57.2	85.8



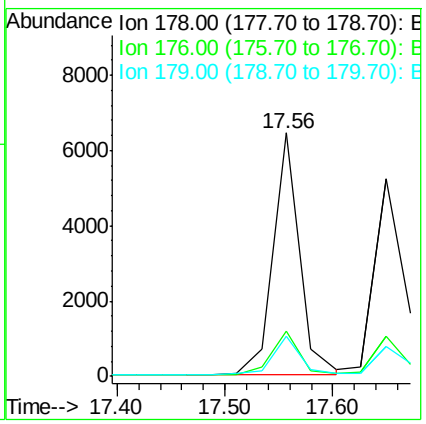


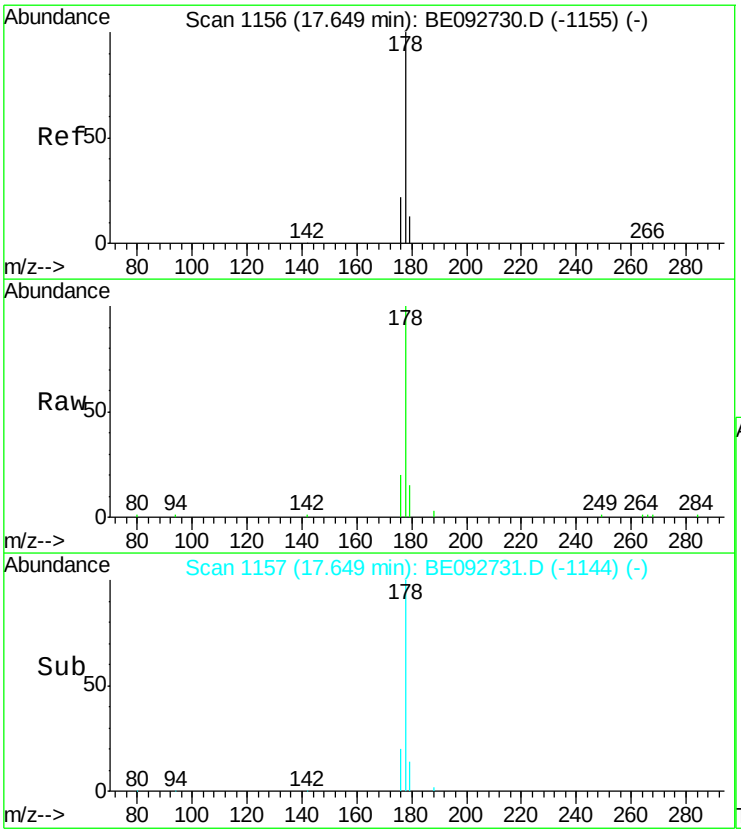
#21
Phenanthrene
Concen: 0.86 ng
RT: 17.56 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 10930

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.9	16.0	24.0#

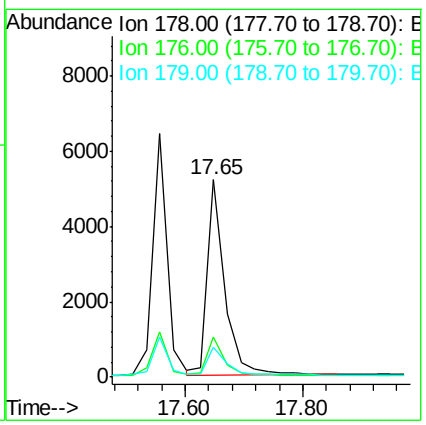


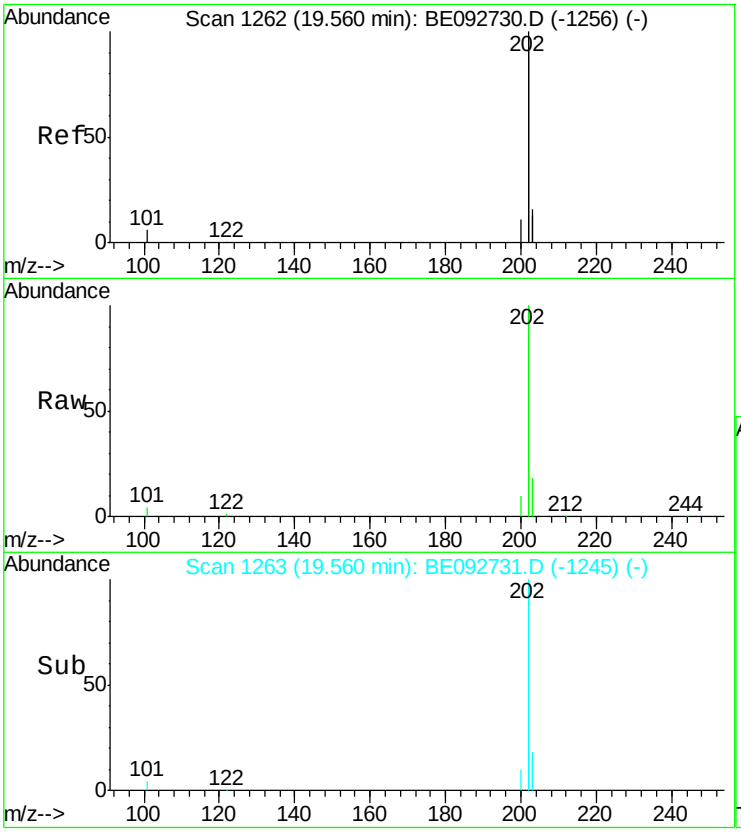


#22
Anthracene
Concen: 0.89 ng
RT: 17.65 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Tgt Ion:178 Resp: 10510

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.2	12.2	18.2



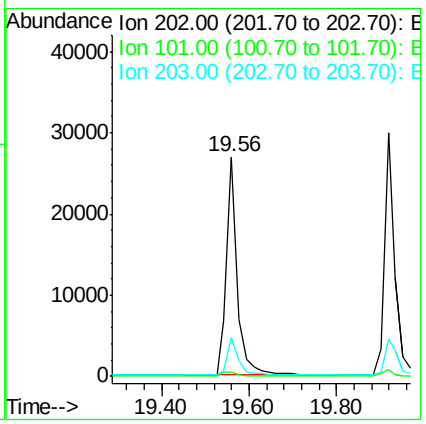


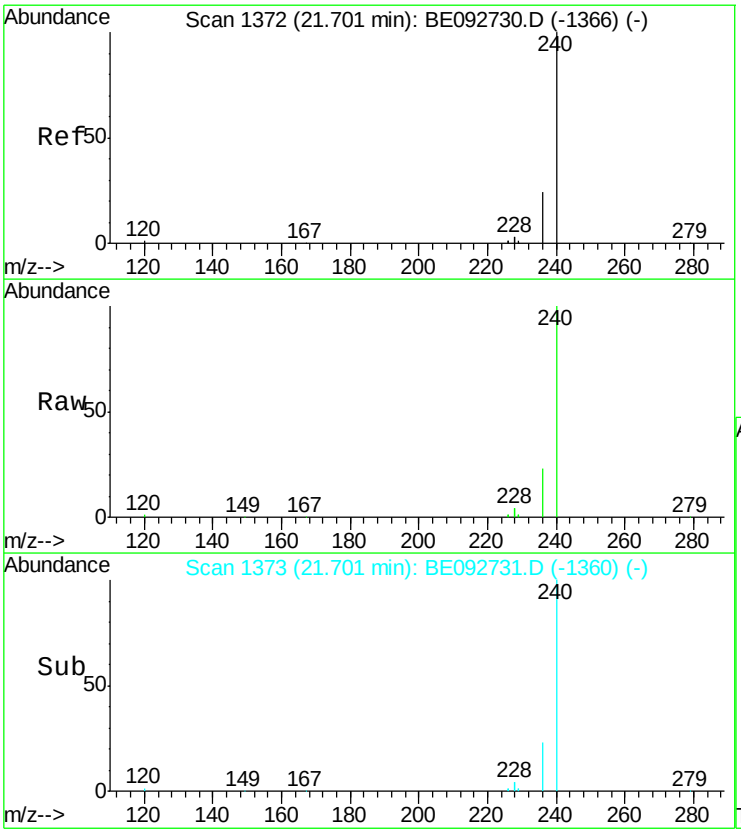
#23
Fluoranthene
Concen: 0.82 ng
RT: 19.56 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:202 Resp: 46208

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

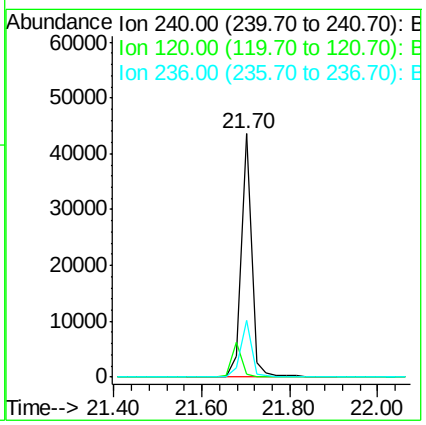


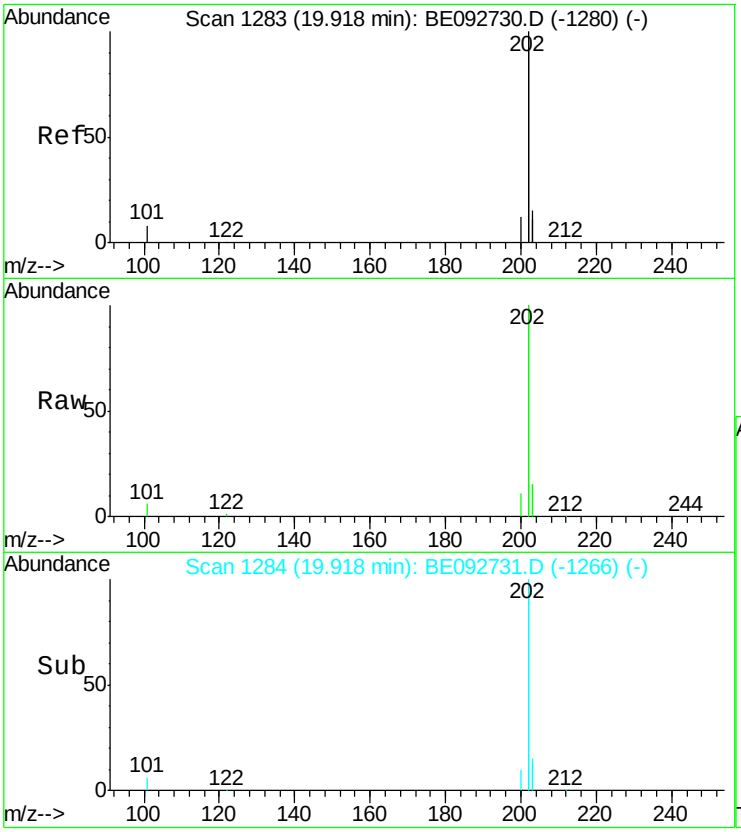


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.70 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Tgt Ion:240 Resp: 69962

Ion	Ratio	Lower	Upper
240	100		
120	1.2	2.6	4.0#
236	23.5	24.6	37.0#



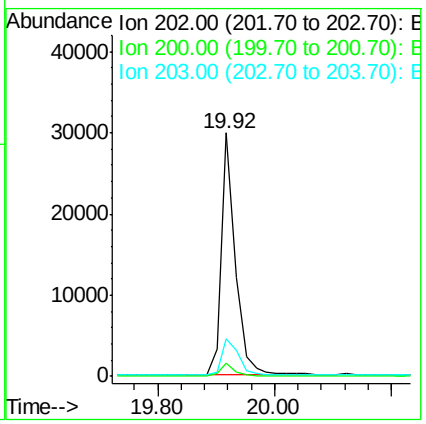


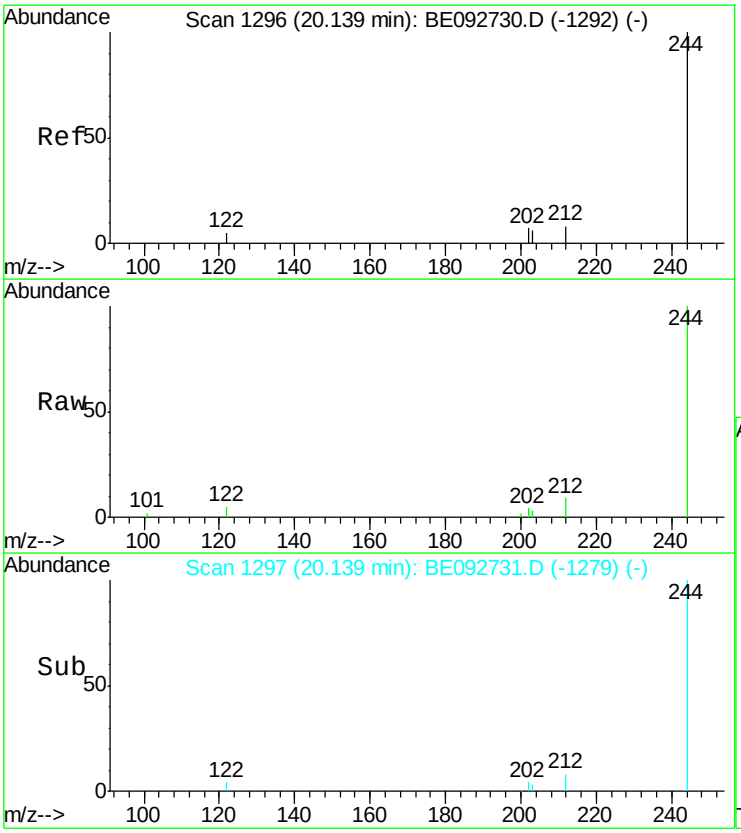
#25
Pyrene
Concen: 0.73 ng
RT: 19.92 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:202 Resp: 50201

Ion	Ratio	Lower	Upper
202	100		
200	5.1	4.2	6.4
203	17.3	13.9	20.9

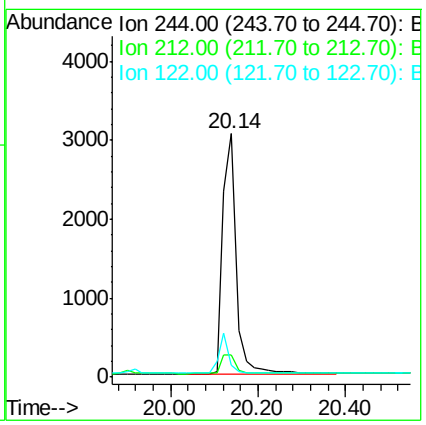


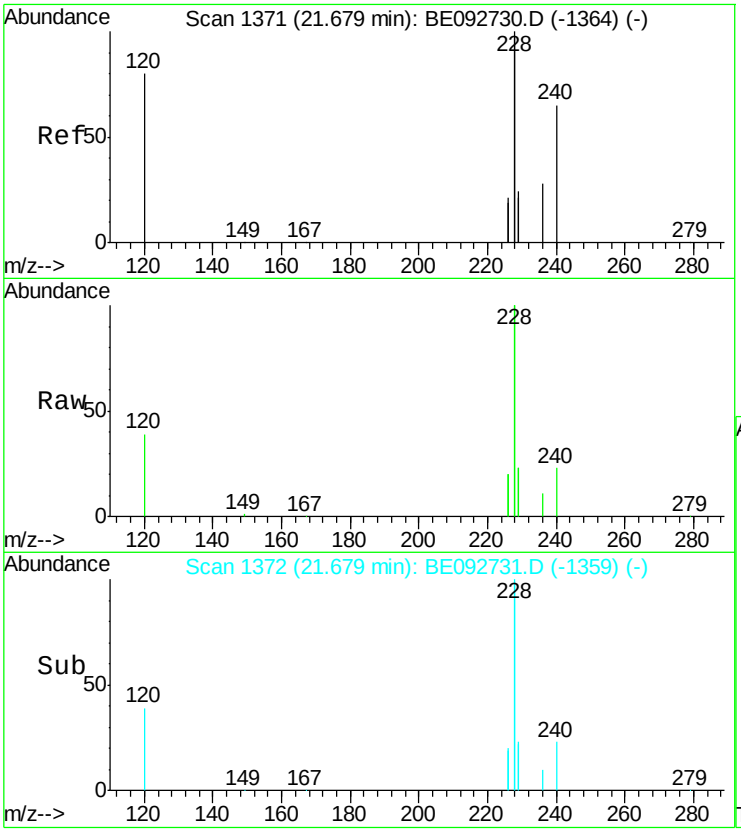


#26
Terphenyl-d14
Concen: 0.66 ng
RT: 20.14 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Tgt Ion:244 Resp: 6529

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.7	10.1
122	5.1	3.6	5.4



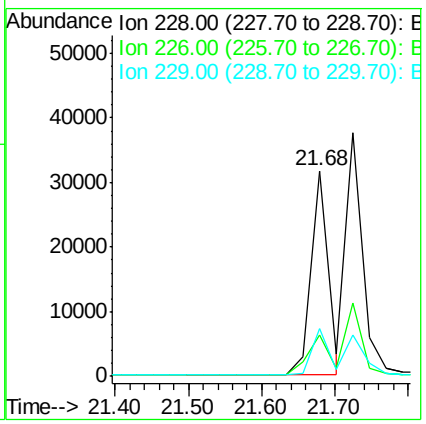


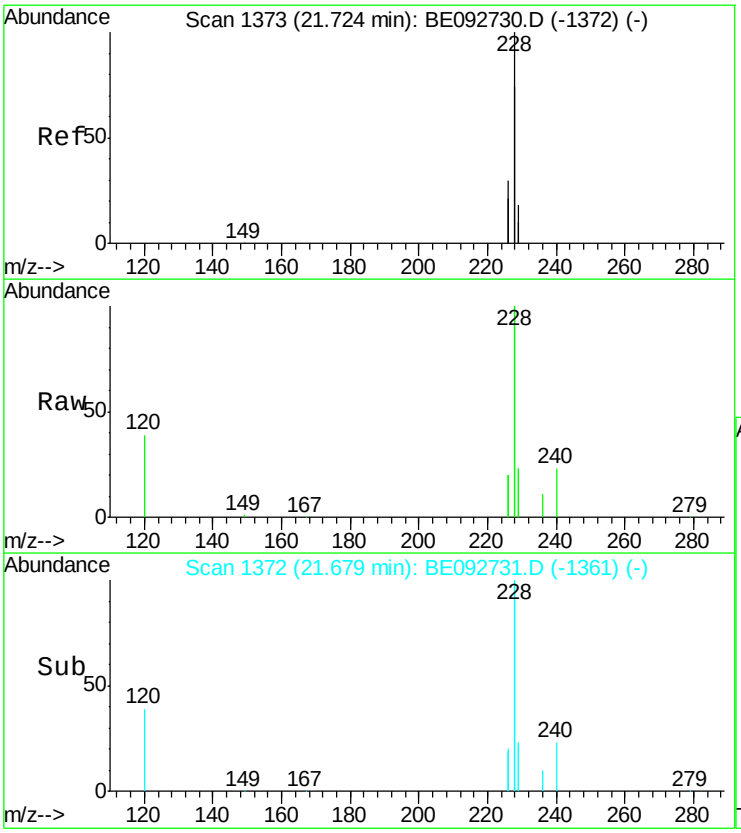
#27
Benzo(a)anthracene
Concen: 0.74 ng
RT: 21.68 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 51317

Ion	Ratio	Lower	Upper
228	100		
226	20.2	23.6	35.4#
229	23.3	13.3	19.9#

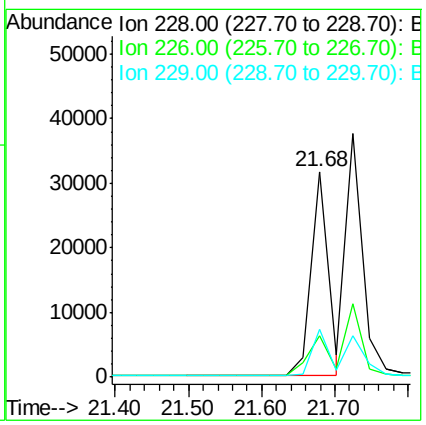


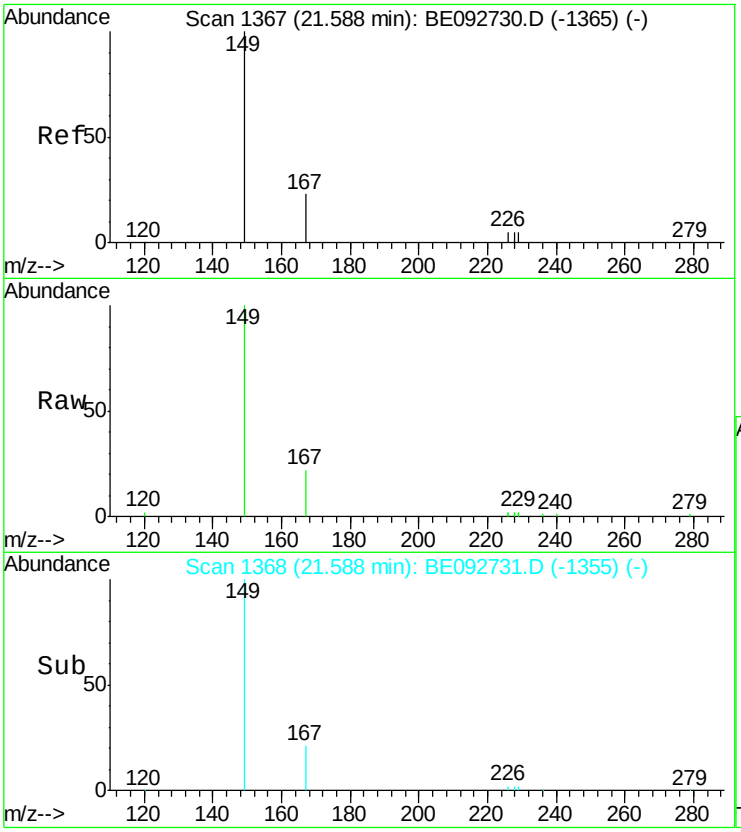


#28
Chrysene
Concen: 0.66 ng
RT: 21.68 min Scan# 1372
Delta R.T. -0.05 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Tgt Ion:228 Resp: 51317

Ion	Ratio	Lower	Upper
228	100		
226	20.2	36.3	54.5#
229	23.3	10.6	16.0#



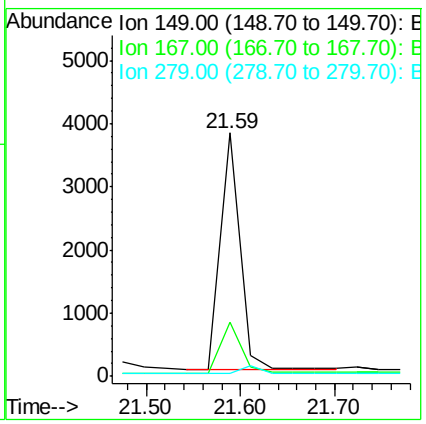


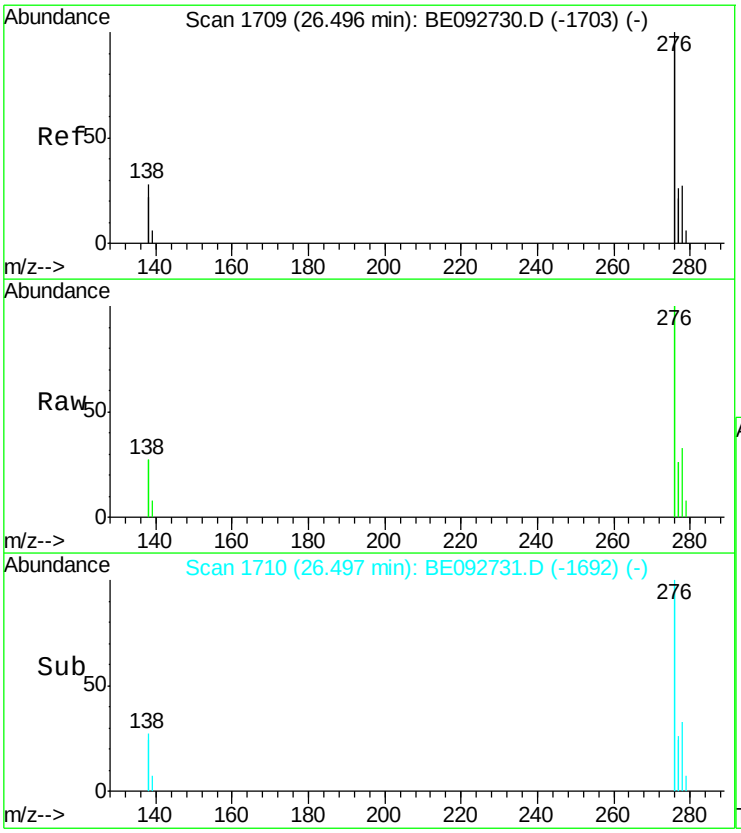
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.43 ng
RT: 21.59 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:149 Resp: 5508

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

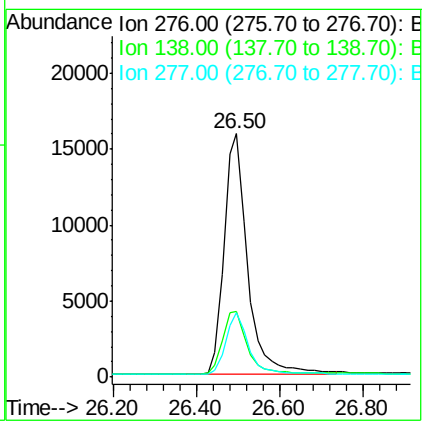


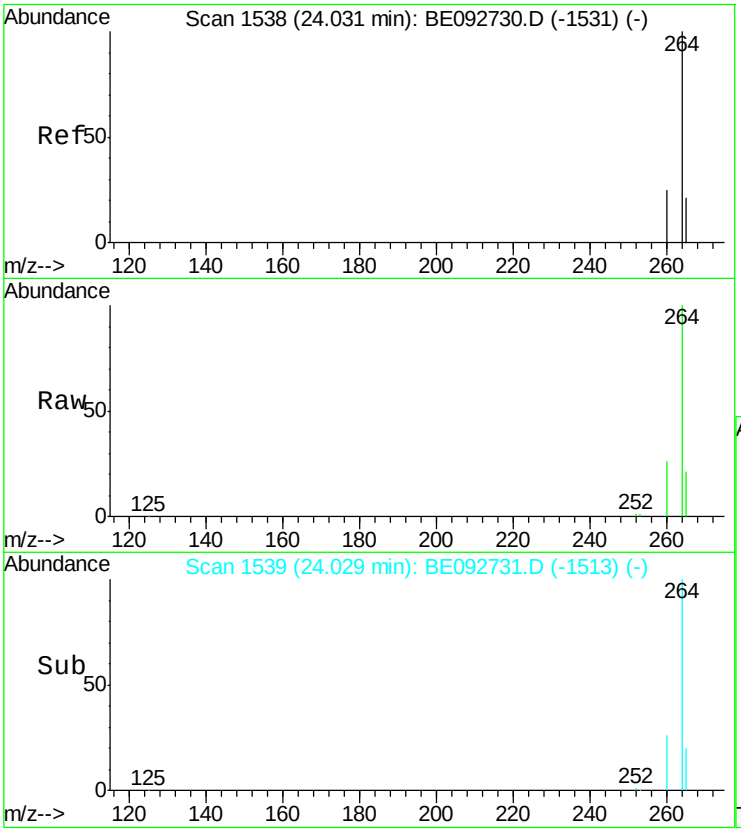


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.74 ng
RT: 26.50 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Tgt Ion:276 Resp: 61759

Ion	Ratio	Lower	Upper
276	100		
138	27.7	20.3	30.5
277	24.8	19.7	29.5



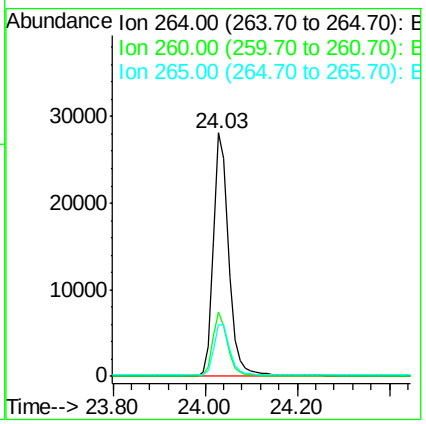


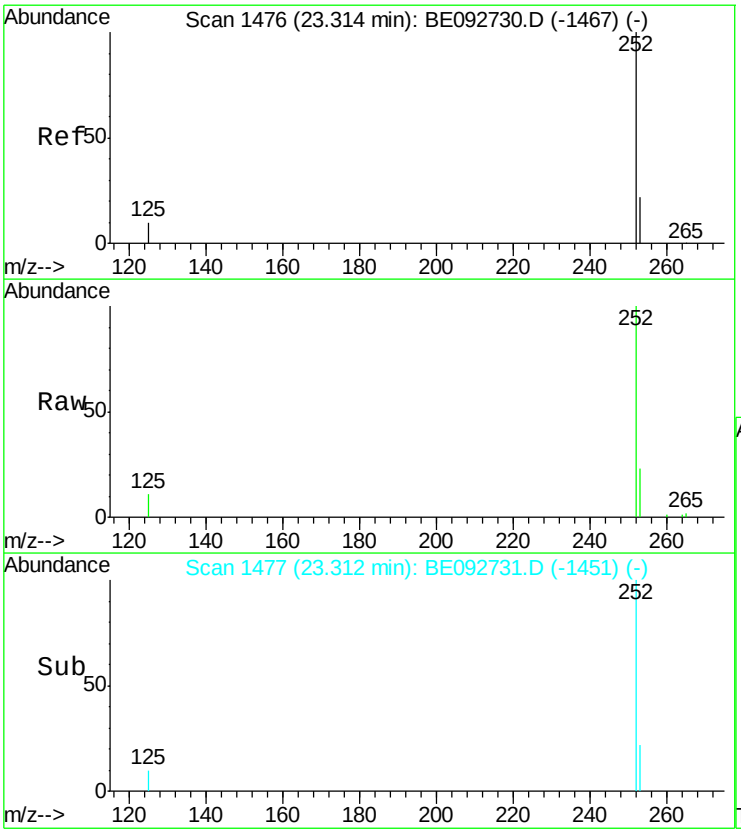
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.03 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:264 Resp: 64784

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.1	30.1
265	21.0	17.9	26.9

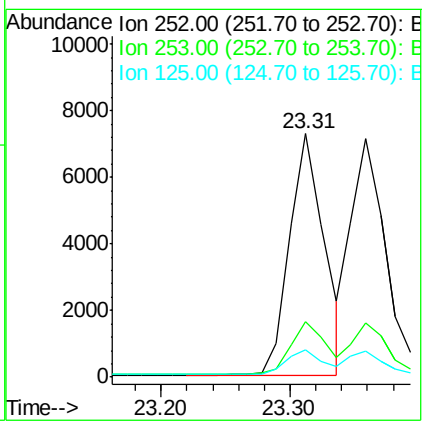


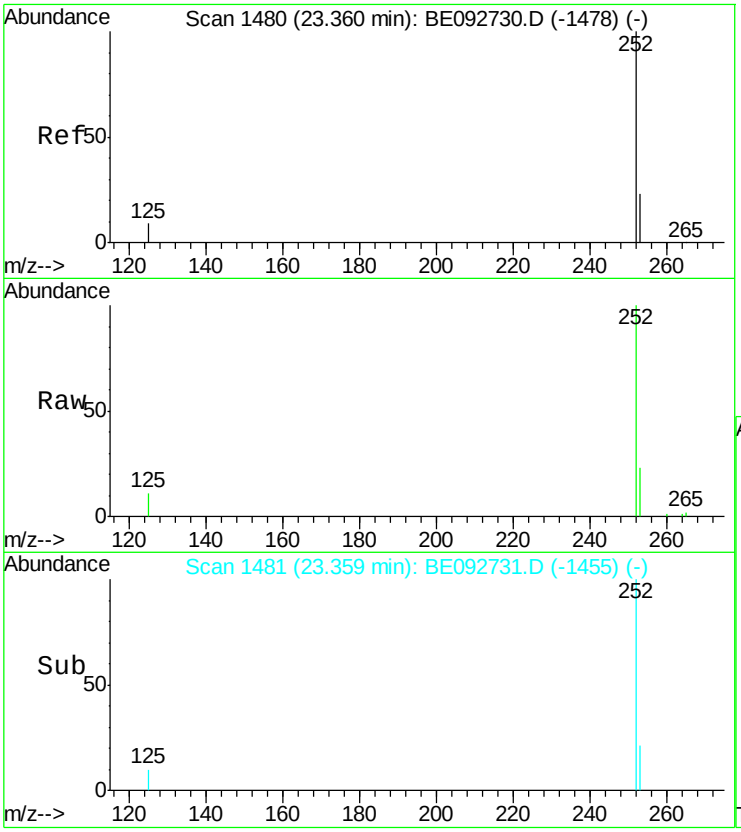


#32
Benzo(b)fluoranthene
Concen: 0.87 ng
RT: 23.31 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Tgt Ion:252 Resp: 13598

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.7	28.1
125	11.0	10.5	15.7



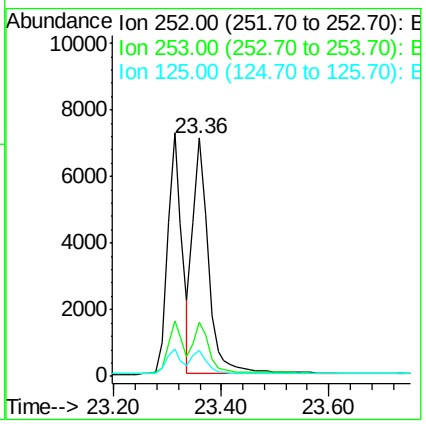


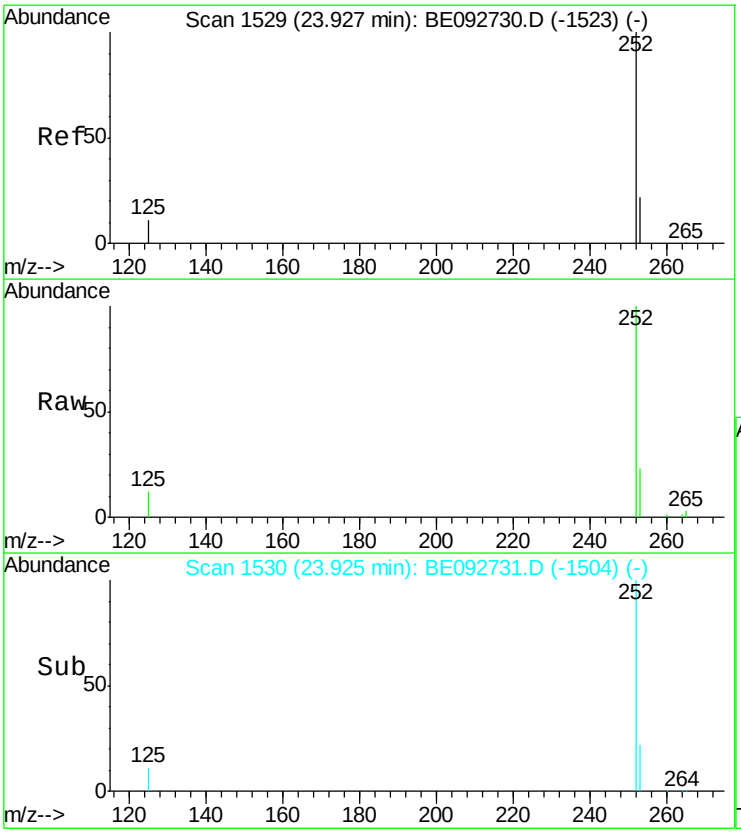
#33
Benzo(k)fluoranthene
Concen: 0.90 ng
RT: 23.36 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 14127

Ion	Ratio	Lower	Upper
252	100		
253	22.5	20.3	30.5
125	11.0	9.6	14.4

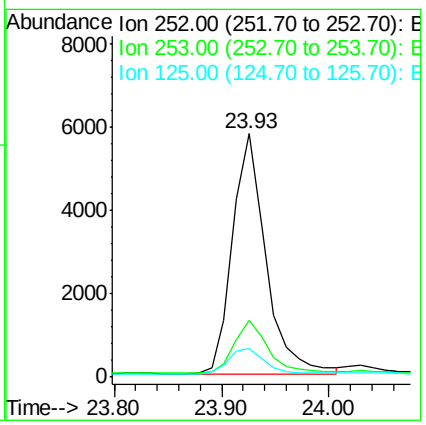


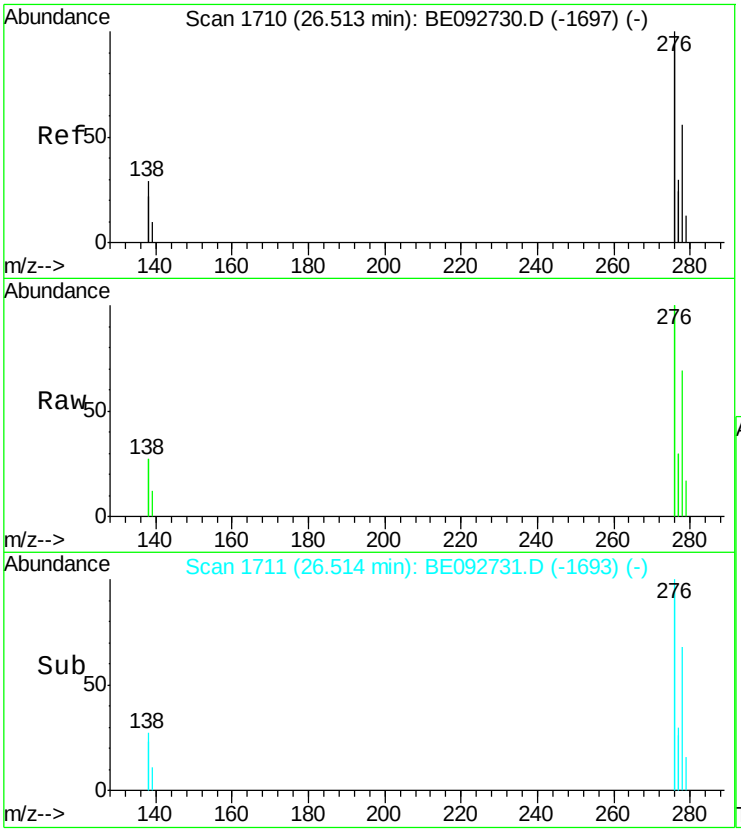


#34
Benzo(a)pyrene
Concen: 0.84 ng
RT: 23.93 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Tgt Ion:252 Resp: 12356

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.0	28.6
125	12.0	11.8	17.8



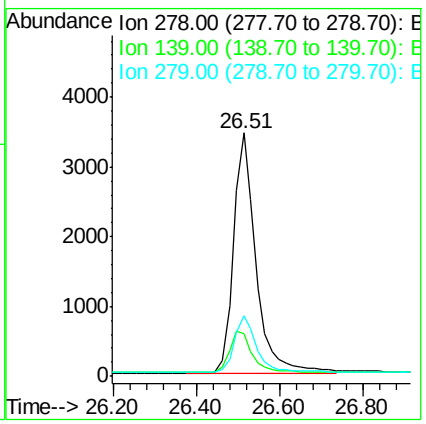


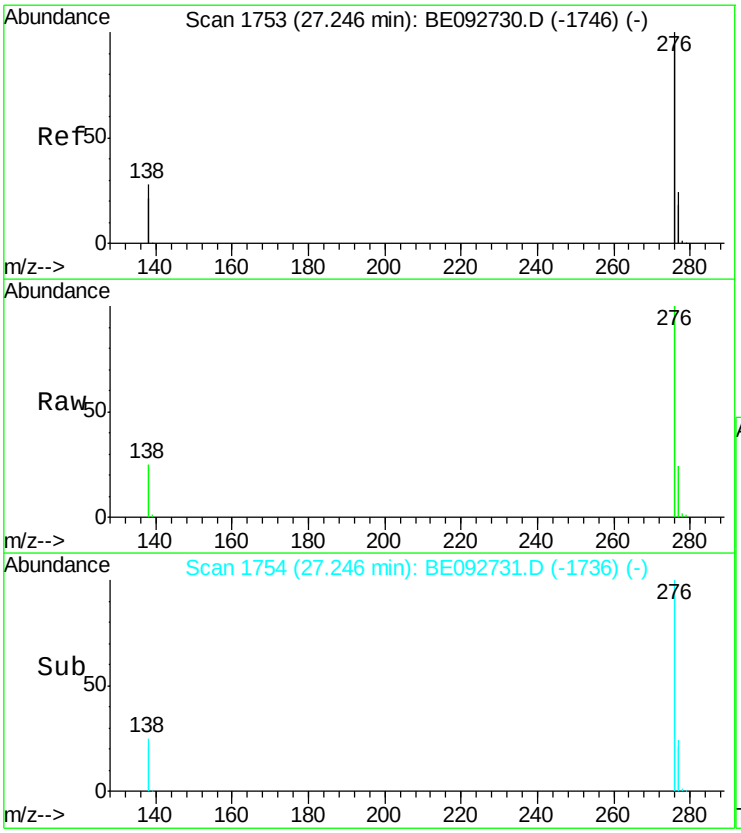
#35
Dibenzo(a,h)anthracene
Concen: 0.90 ng
RT: 26.51 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:278 Resp: 12936

Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.8	20.8
279	24.8	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.90 ng
RT: 27.25 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BE092731.D
Acq: 15 Feb 2017 13:44

Tgt Ion:276 Resp: 55014

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.8	29.8
138	24.8	19.8	29.6