Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021517\
Data File : BE092728.D
Acq On : 15 Feb 2017 11:48
Operator : SJ/MA
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.1

Quant Time: Feb 15 13:40:51 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	9028	5.00	ng		0.00
7) Naphthalene-d8	10.89	136	41755	5.00	ng		0.00
12) Acenaphthene-d10	14.76	164	27121	5.00	ng		0.00
18) Phenanthrene-d10	17.51	188	55566	5.00	ng		0.00
24) Chrysene-d12	21.70	240	69351	5.00	ng		0.00
31) Perylene-d12	24.03	264	70590	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.64	112	155	0.08	ng		0.00
5) Phenol-d6	7.36	99	185	0.07	ng		0.05
8) Nitrobenzene-d5	9.34	82	184	0.07	ng		0.02
13) 2,4,6-Tribromophenol	16.31	330	51	0.07	ng		0.02
14) 2-Fluorobiphenyl	13.41	172	654	0.10	ng		0.01
26) Terphenyl-d14	20.14	244	826	0.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	166	0.12	ng	#	85
3) n-Nitrosodimethylamine	3.76	42	97	0.06	ng	#	78
6) bis(2-Chloroethyl)ether	7.57	93	216	0.08	ng	#	28
9) Naphthalene	10.93	128	972	0.11	ng	#	80
10) Hexachlorobutadiene	11.22	225	146	0.11	ng		96
11) 2-Methylnaphthalene	12.61	142	529	0.10	ng	#	94
15) Acenaphthylene	14.47	152	3994	0.11	ng		100
16) Acenaphthene	14.83	154	548	0.09	ng		81
17) Fluorene	15.83	166	726	0.10	ng		99
19) Hexachlorobenzene	16.84	284	249	0.12	ng	#	61
20) Pentachlorophenol	17.28	266	59	0.10	ng	#	78
21) Phenanthrene	17.56	178	1373	0.11	ng		98
22) Anthracene	17.67	178	1133	0.10	ng		97
23) Fluoranthene	19.58	202	5852	0.11	ng		98
25) Pyrene	19.93	202	6173	0.09	ng		98
27) Benzo(a)anthracene	21.68	228	7327	0.11	ng	#	83
28) Chrysene	21.68	228	7327	0.10	ng	#	65
29) Bis(2-ethylhexyl)phthalate	21.59	149	1524	0.12	ng	#	75
30) Indeno(1,2,3-cd)pyrene	26.50	276	13380	0.16	ng		100
32) Benzo(b)fluoranthene	23.31	252	3045	0.18	ng		93
33) Benzo(k)fluoranthene	23.36	252	2997	0.17	ng	#	93
34) Benzo(a)pyrene	23.93	252	2265	0.14	ng	#	85
35) Dibenzo(a,h)anthracene	26.51	278	2624	0.17	ng	#	89
36) Benzo(g,h,i)perylene	27.26	276	11497	0.17	ng		92

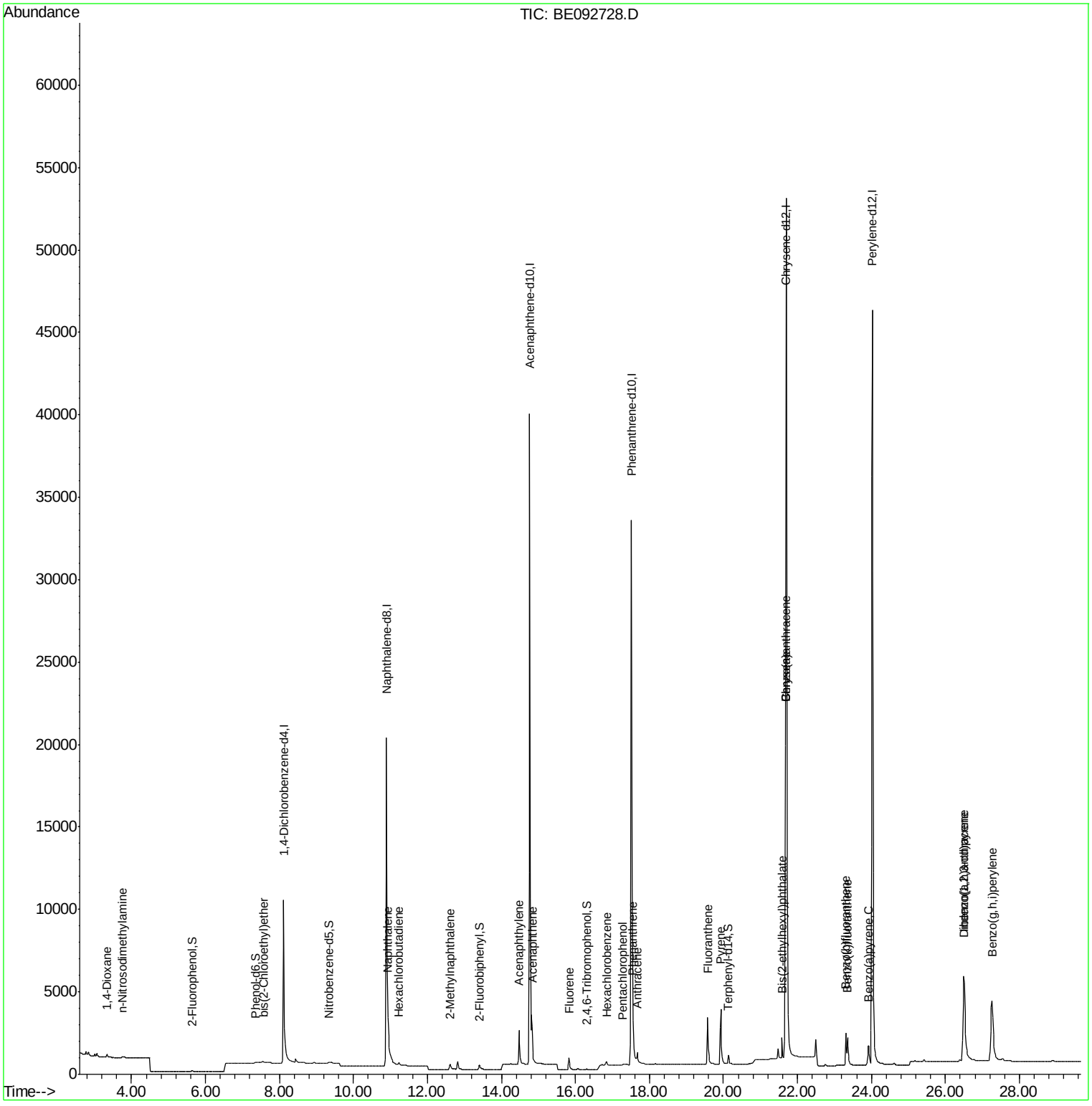
(#) = qualifier out of range (m) = manual integration (+) = signals summed

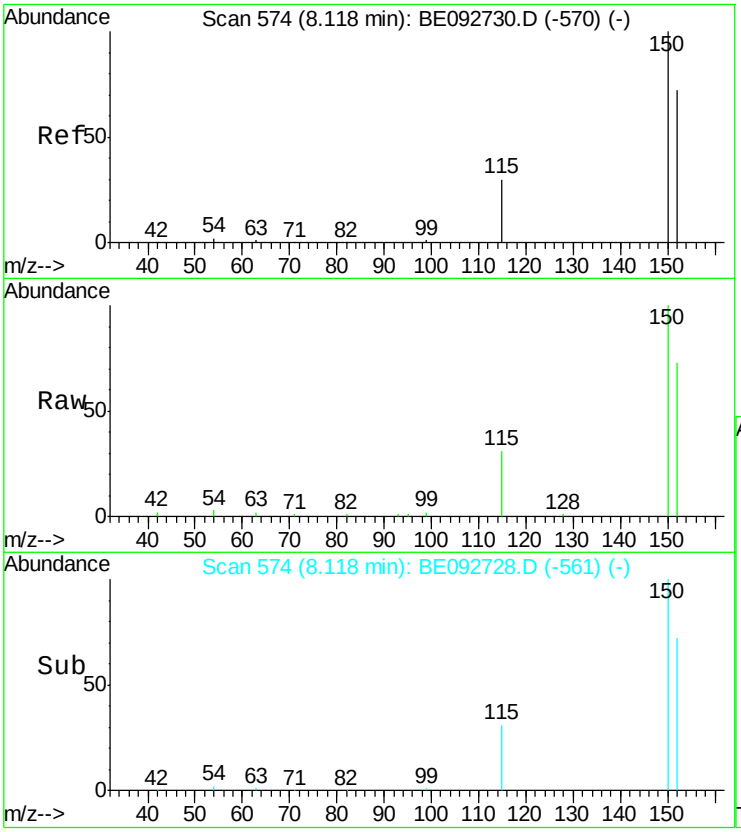
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021517\
Data File : BE092728.D
Acq On : 15 Feb 2017 11:48
Operator : SJ/MA
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Quant Time: Feb 15 13:40:51 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



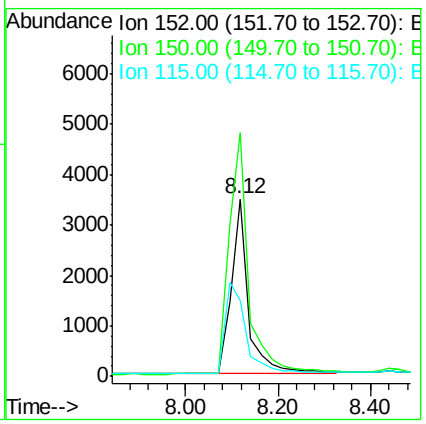


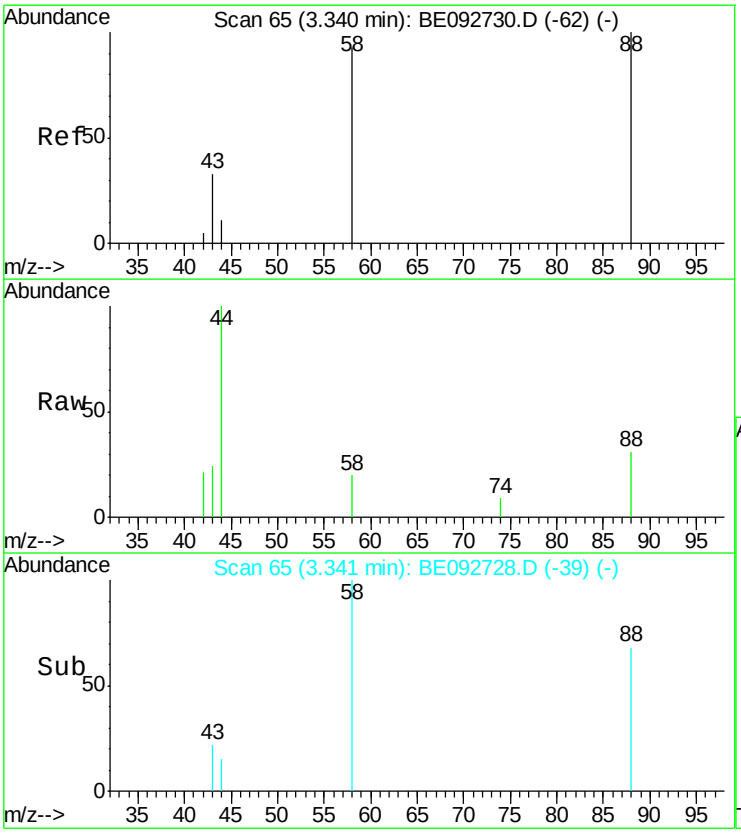
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.12 min Scan# 574
Delta R.T. -0.00 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 9028

Ion	Ratio	Lower	Upper
152	100		
150	137.5	106.0	159.0
115	43.2	31.2	46.8

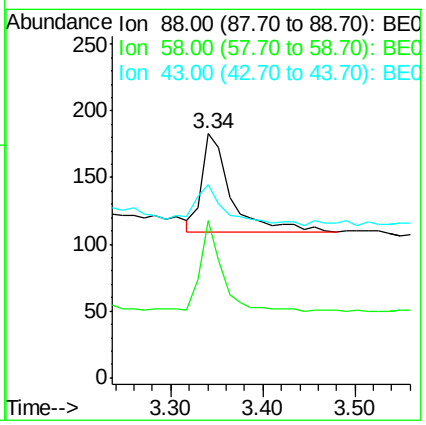


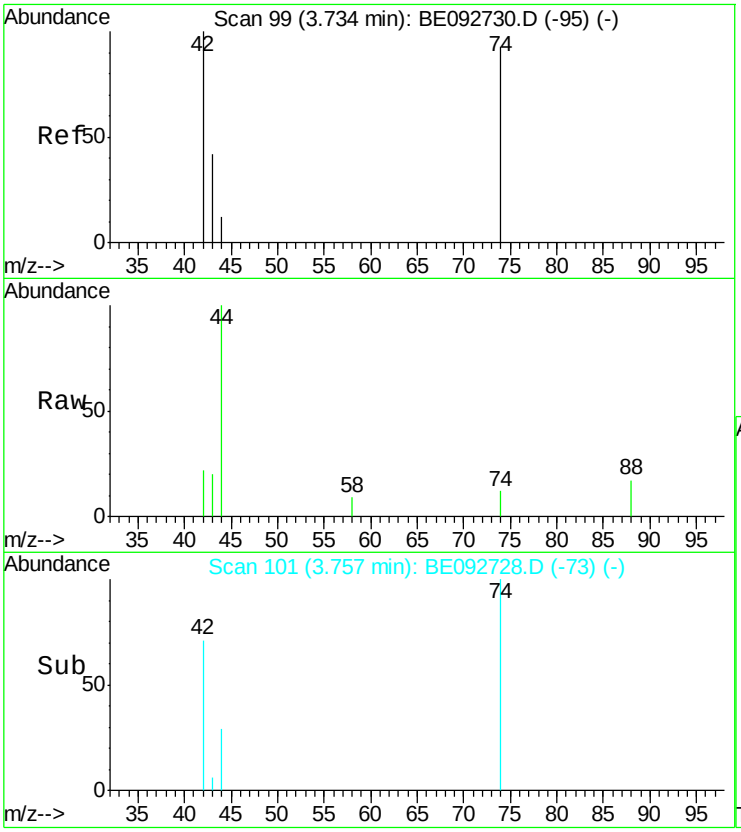


#2
1,4-Dioxane
Concen: 0.12 ng
RT: 3.34 min Scan# 65
Delta R.T. 0.00 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Tgt Ion: 88 Resp: 166

Ion	Ratio	Lower	Upper
88	100		
58	69.9	63.6	95.4
43	48.2	28.0	42.0#



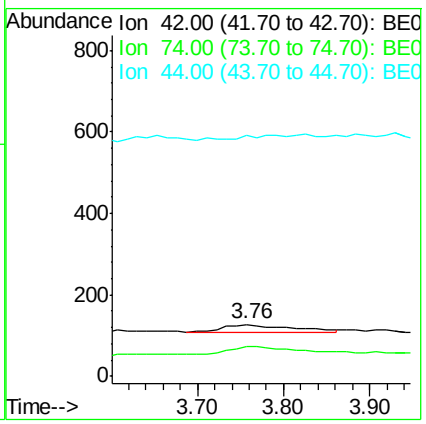


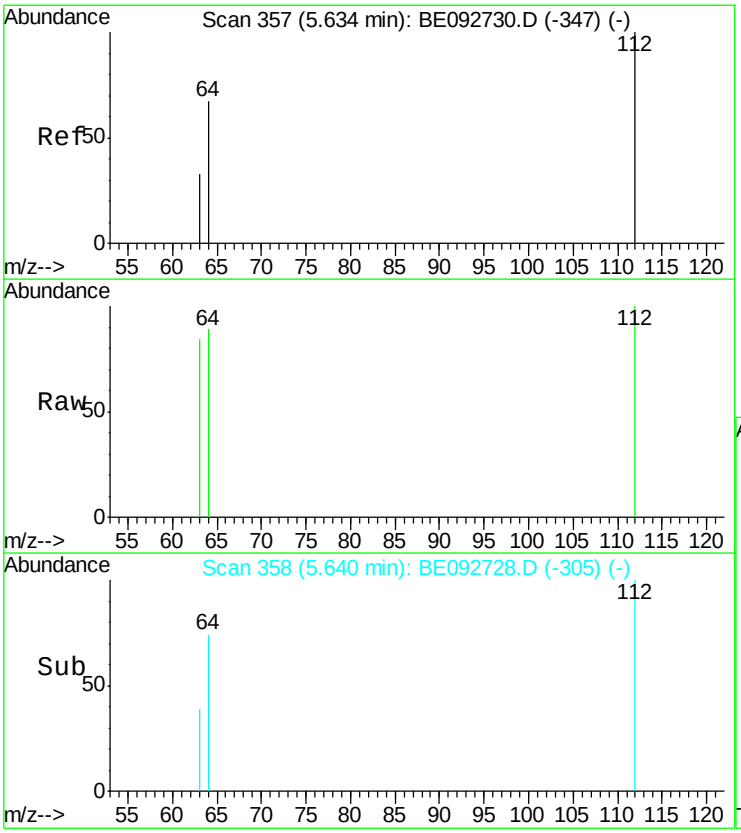
#3
n-Nitrosodimethylamine
Concen: 0.06 ng
RT: 3.76 min Scan# 101
Delta R.T. 0.02 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 97

Ion	Ratio	Lower	Upper
42	100		
74	127.8	86.0	129.0
44	30.9	5.1	7.7#

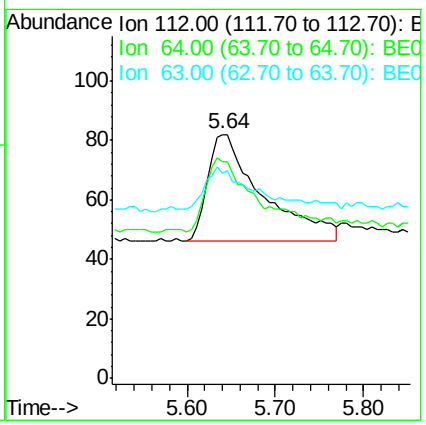


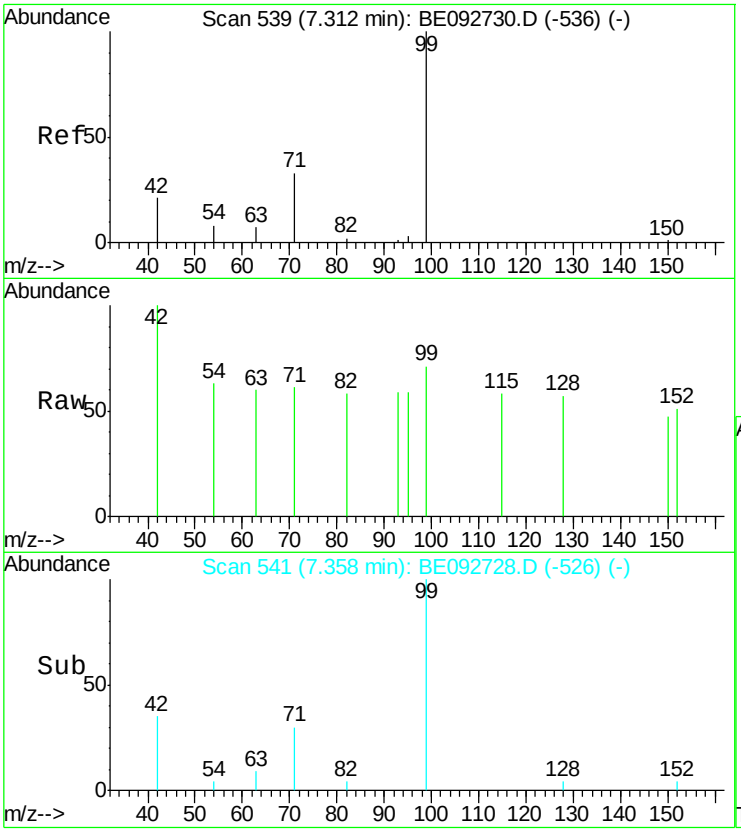


#4
2-Fluorophenol
Concen: 0.08 ng
RT: 5.64 min Scan# 358
Delta R.T. 0.01 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Tgt Ion:112 Resp: 155

Ion	Ratio	Lower	Upper
112	100		
64	66.5	53.5	80.3
63	32.9	27.9	41.9



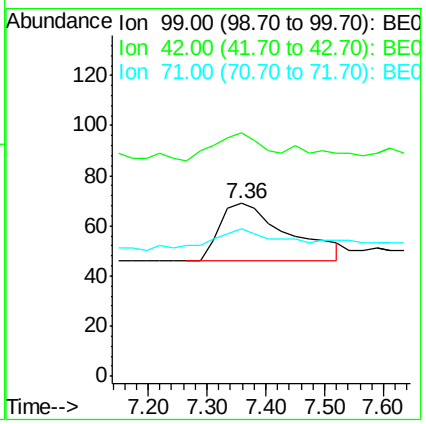


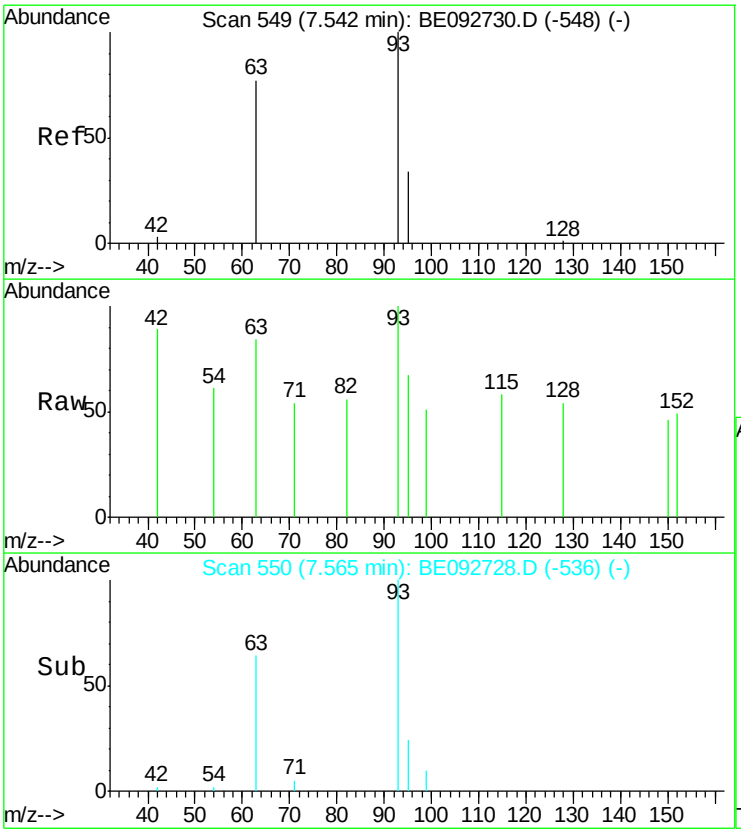
#5
Phenol-d6
Concen: 0.07 ng
RT: 7.36 min Scan# 541
Delta R.T. 0.05 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 185

Ion	Ratio	Lower	Upper
99	100		
42	33.5	16.0	24.0#
71	39.5	30.6	45.8

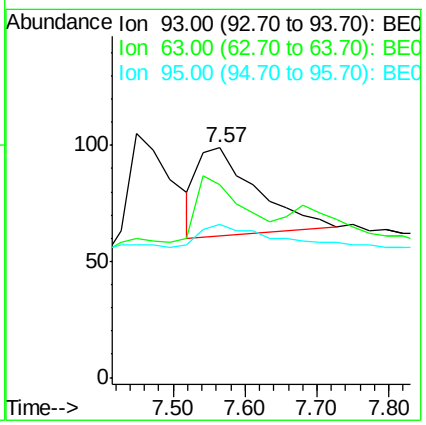


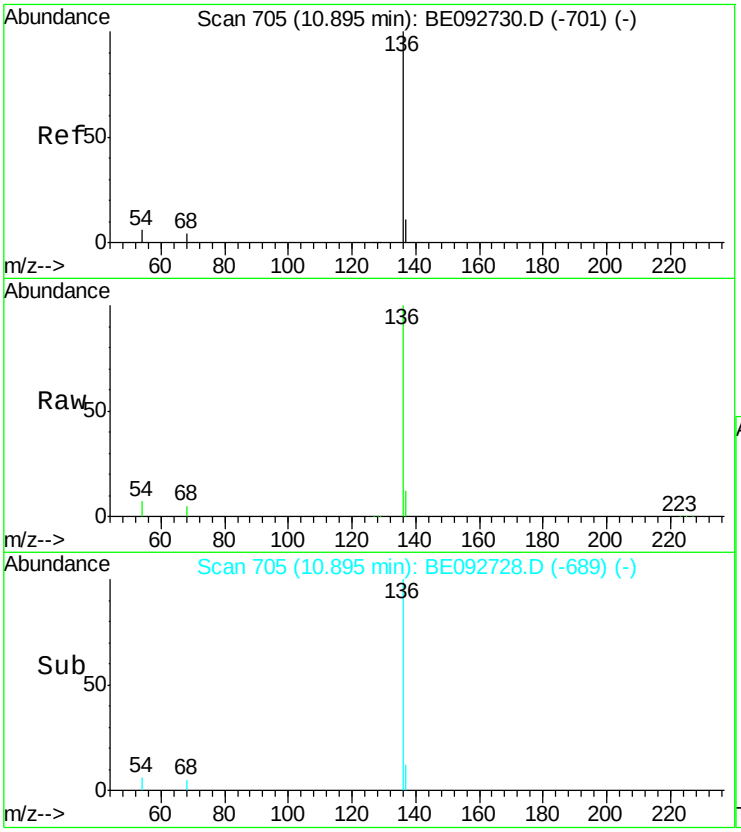


#6
bis(2-Chloroethyl)ether
Concen: 0.08 ng
RT: 7.57 min Scan# 550
Delta R.T. 0.02 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Tgt Ion: 93 Resp: 216

Ion	Ratio	Lower	Upper
93	100		
63	0.0	71.6	107.4#
95	31.5	24.0	36.0



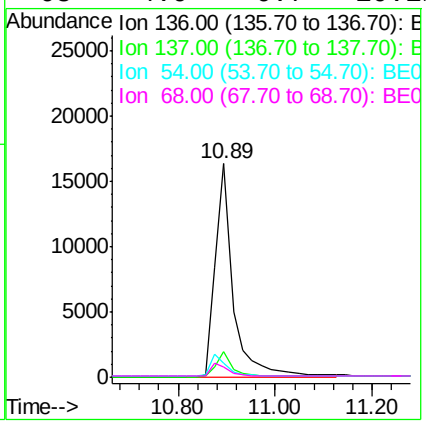


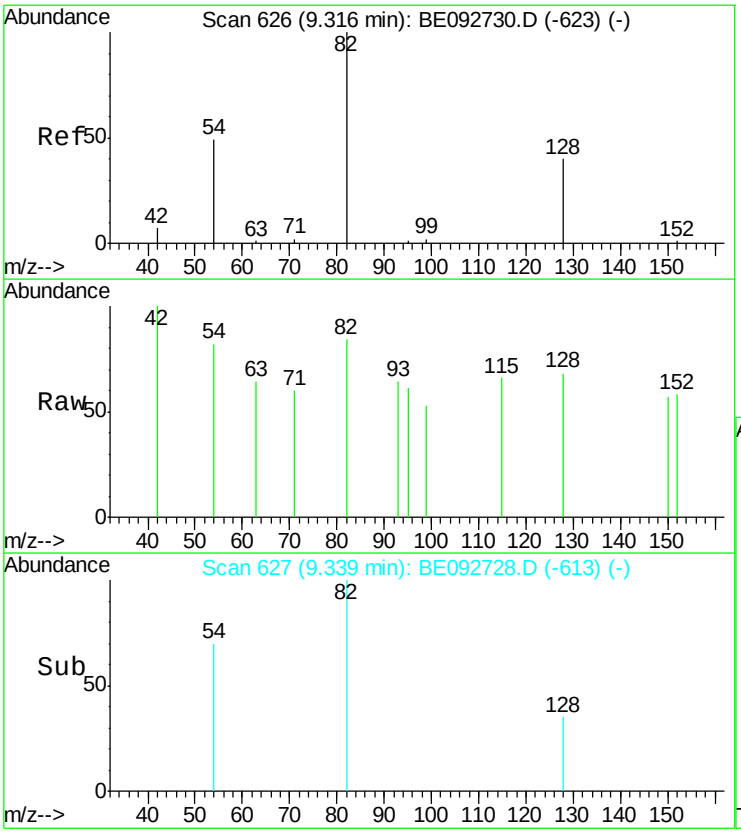
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.89 min Scan# 705
Delta R.T. -0.00 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 41755

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.2	12.4
54	6.5	9.6	14.4#
68	4.9	6.7	10.1#

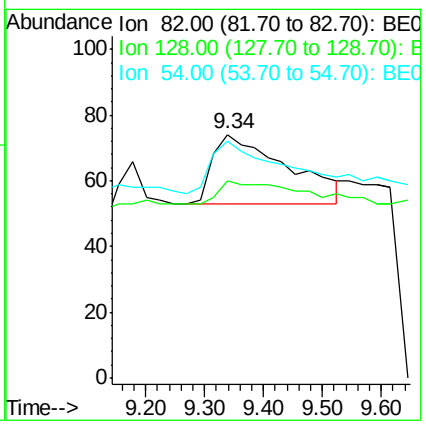


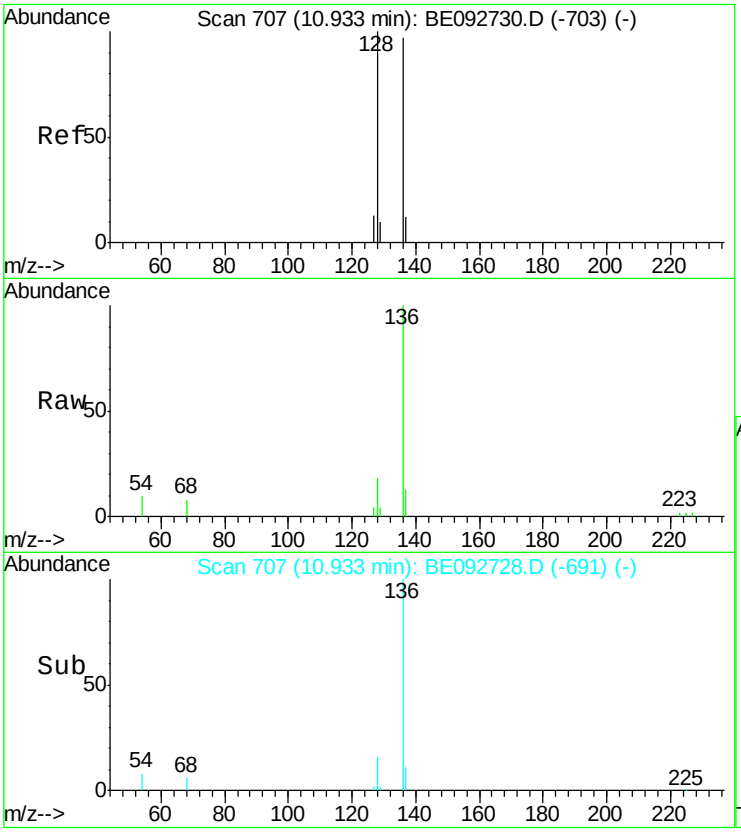


#8
Nitrobenzene-d5
Concen: 0.07 ng
RT: 9.34 min Scan# 627
Delta R.T. 0.02 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Tgt Ion: 82 Resp: 184

Ion	Ratio	Lower	Upper
82	100		
128	81.1	39.0	58.4#
54	97.3	44.8	67.2#



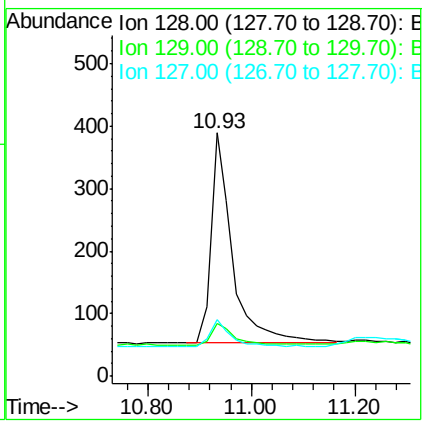


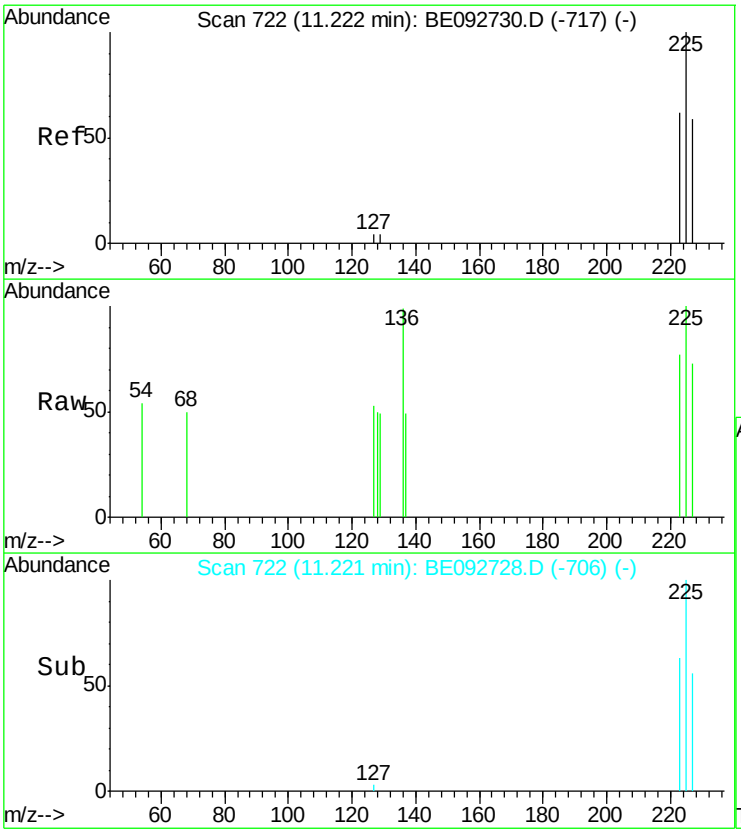
#9
Naphthalene
Concen: 0.11 ng
RT: 10.93 min Scan# 707
Delta R.T. -0.00 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 972

Ion	Ratio	Lower	Upper
128	100		
129	21.9	11.2	16.8#
127	23.4	11.6	17.4#

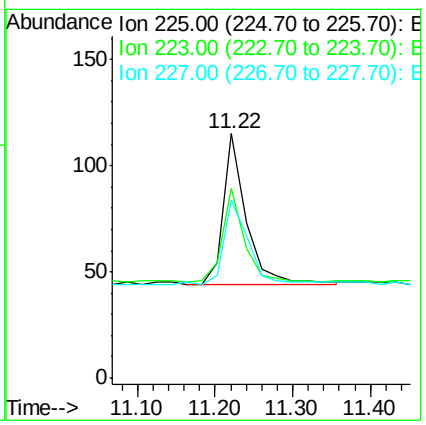


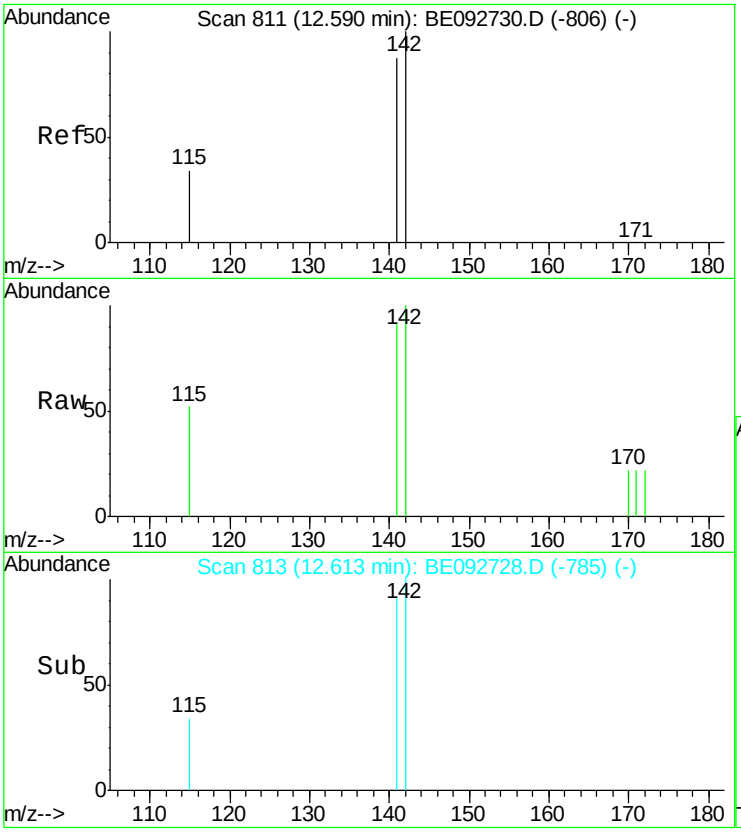


#10
Hexachlorobutadiene
Concen: 0.11 ng
RT: 11.22 min Scan# 722
Delta R.T. -0.00 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Tgt Ion:225 Resp: 146

Ion	Ratio	Lower	Upper
225	100		
223	61.0	50.6	76.0
227	60.3	51.4	77.0



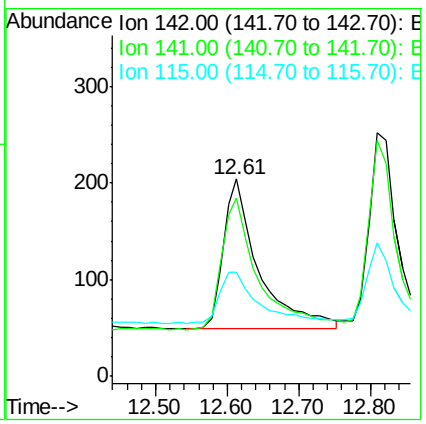


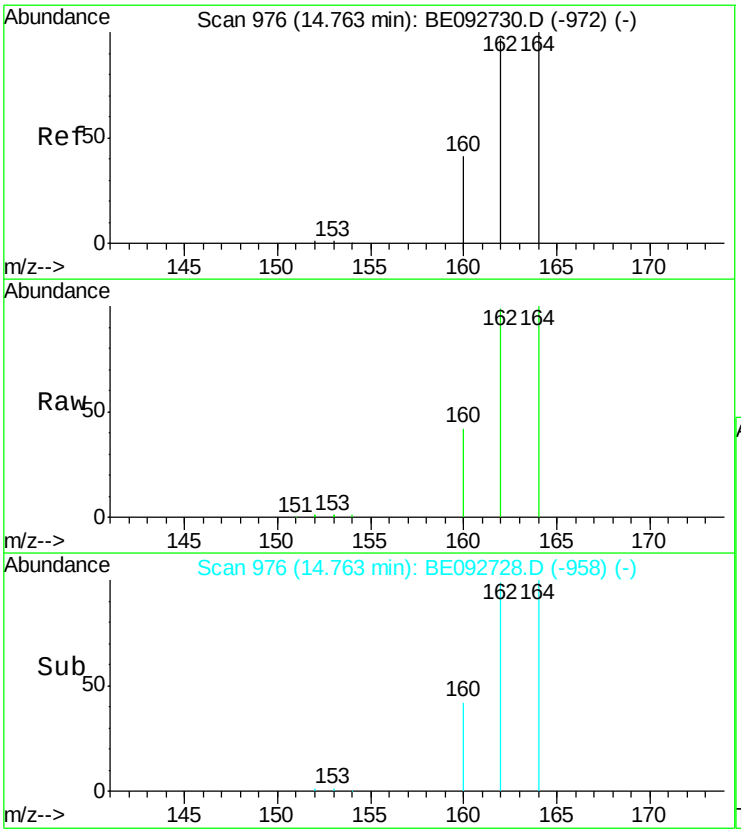
#11
2-Methylnaphthalene
Concen: 0.10 ng
RT: 12.61 min Scan# 813
Delta R.T. 0.02 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:142 Resp: 529

Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.7	110.5
115	52.5	34.0	51.0#

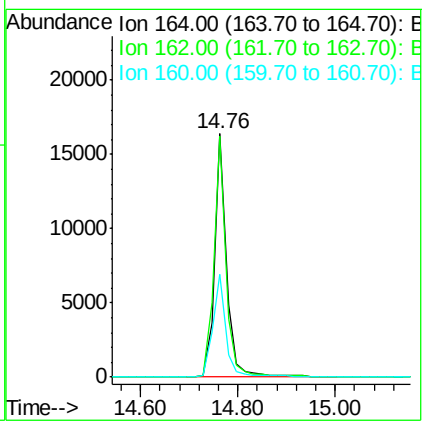


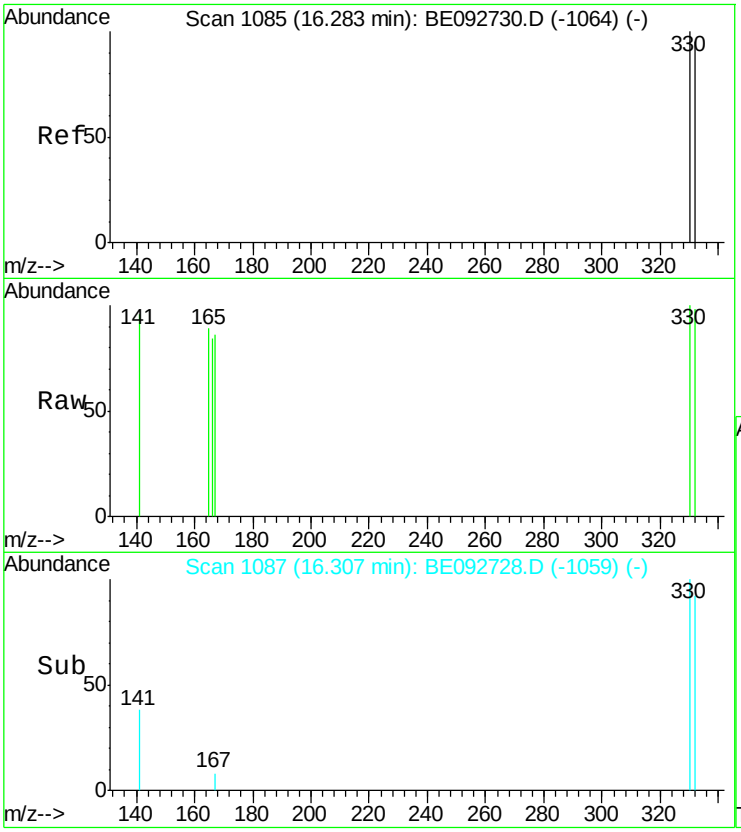


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.76 min Scan# 976
Delta R.T. -0.00 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Tgt Ion:164 Resp: 27121

Ion	Ratio	Lower	Upper
164	100		
162	98.8	71.4	107.0
160	42.2	27.4	41.2#



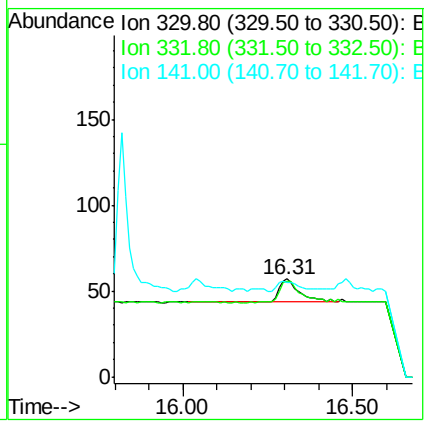


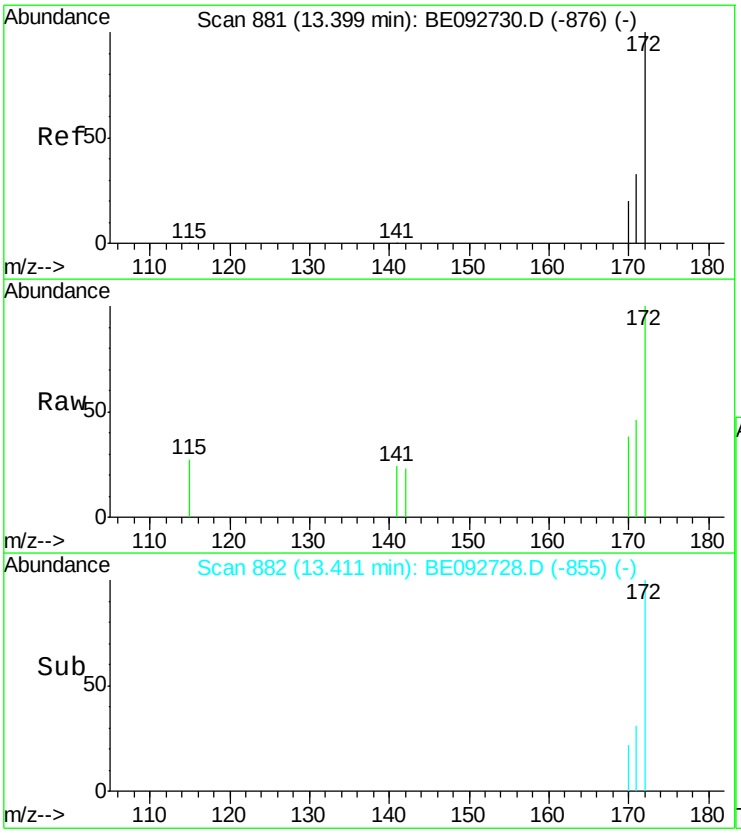
#13
2,4,6-Tribromophenol
Concen: 0.07 ng
RT: 16.31 min Scan# 1087
Delta R.T. 0.02 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:330 Resp: 51

Ion	Ratio	Lower	Upper
330	100		
332	117.6	75.4	113.0#
141	47.1	31.0	46.6#

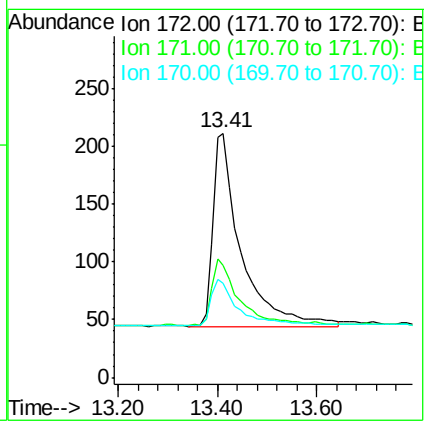


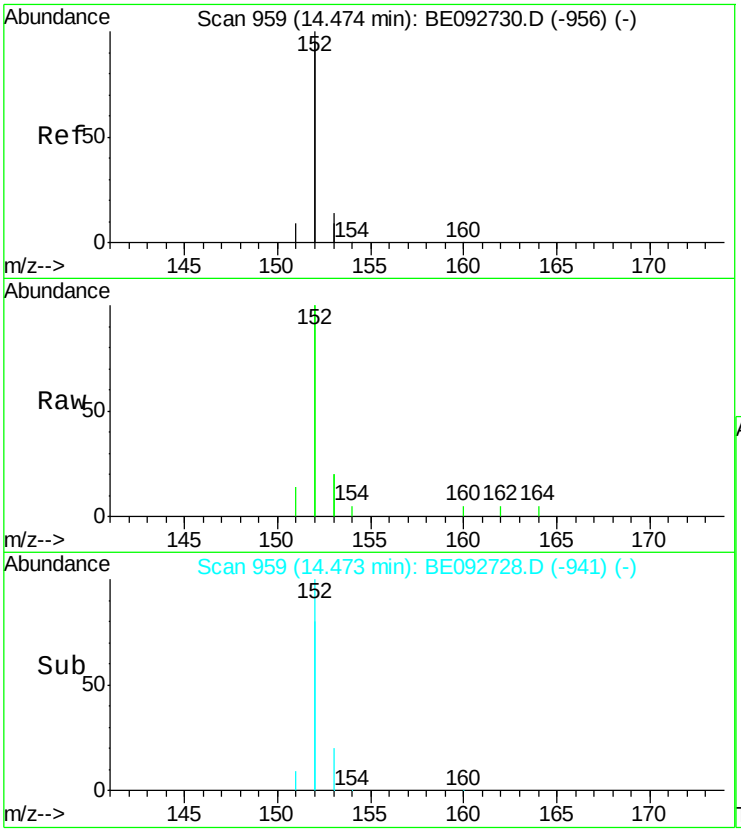


#14
2-Fluorobiphenyl
Concen: 0.10 ng
RT: 13.41 min Scan# 882
Delta R.T. 0.01 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Tgt Ion:172 Resp: 654

Ion	Ratio	Lower	Upper
172	100		
171	46.0	30.1	45.1#
170	38.4	21.8	32.6#



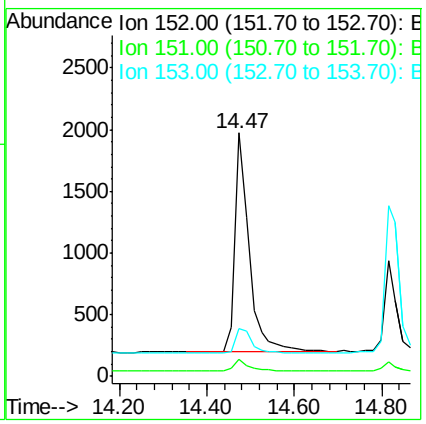


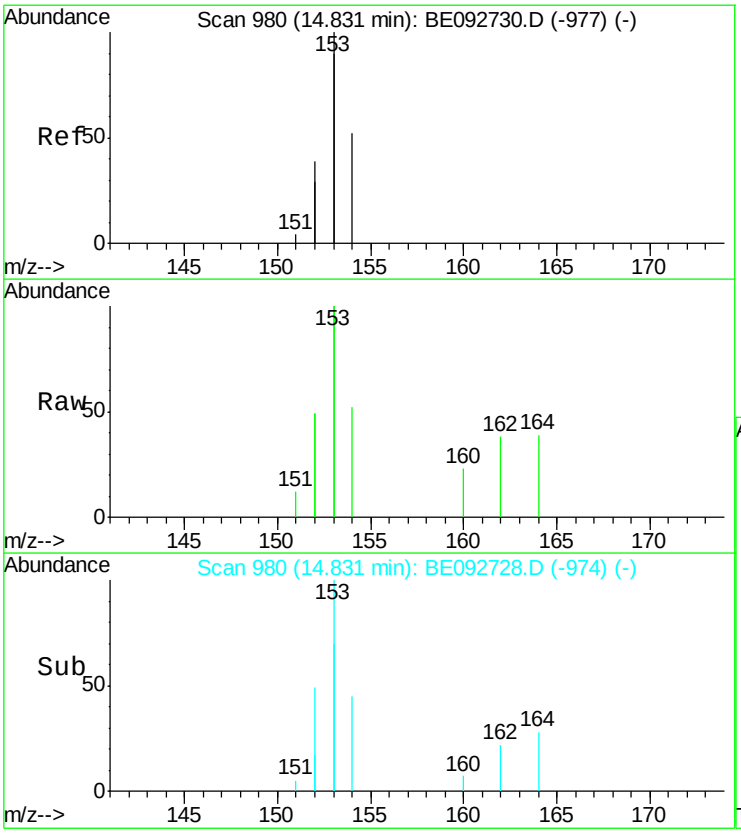
#15
Acenaphthylene
Concen: 0.11 ng
RT: 14.47 min Scan# 959
Delta R.T. -0.00 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 3994

Ion	Ratio	Lower	Upper
152	100		
151	4.7	3.9	5.9
153	13.0	10.4	15.6

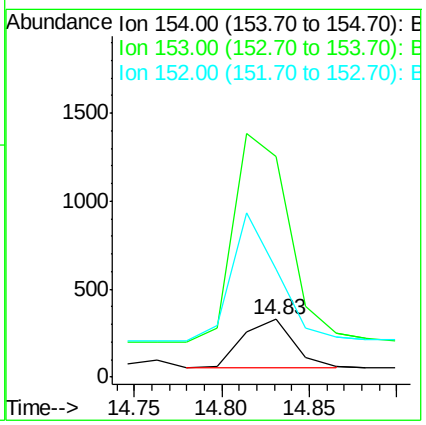


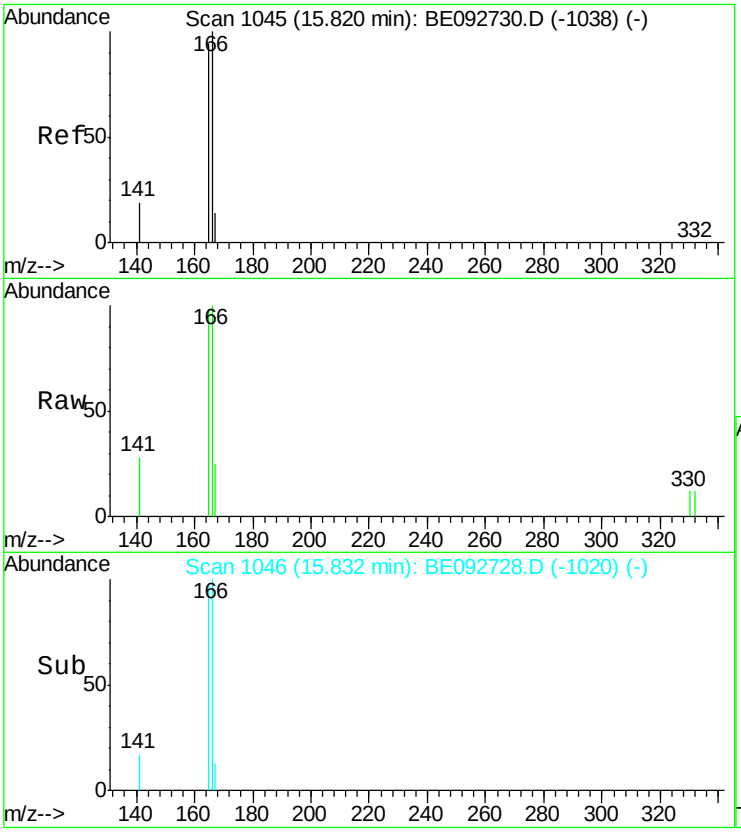


#16
Acenaphthene
Concen: 0.09 ng
RT: 14.83 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Tgt Ion:154 Resp: 548

Ion	Ratio	Lower	Upper
154	100		
153	483.4	350.8	526.2
152	246.9	171.1	256.7



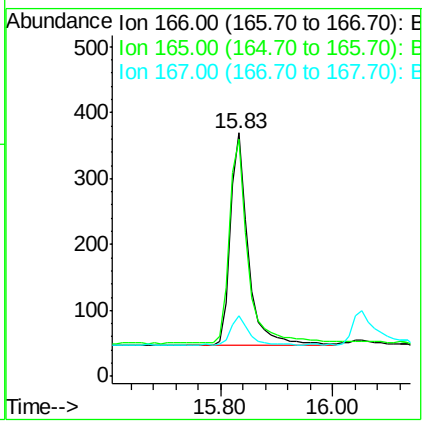


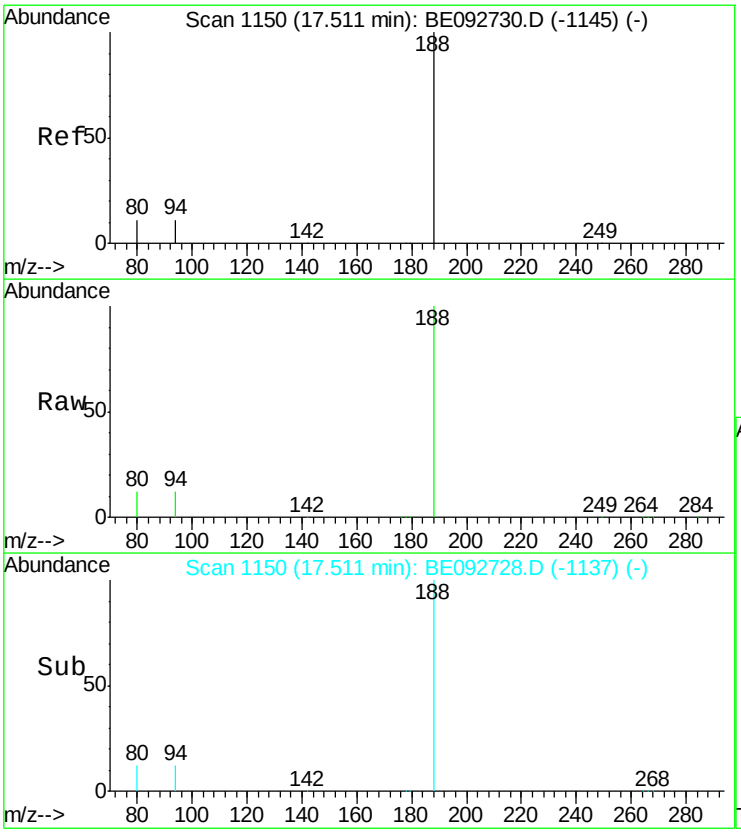
#17
Fluorene
Concen: 0.10 ng
RT: 15.83 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:166 Resp: 726

Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.2	117.4
167	14.7	11.0	16.4

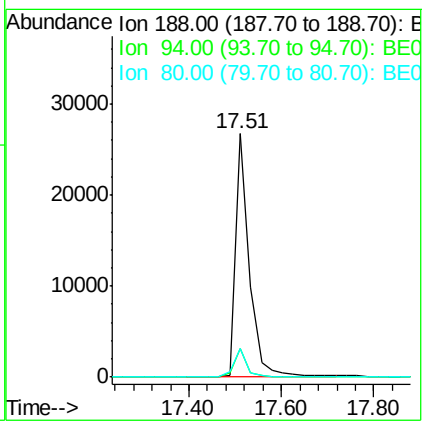


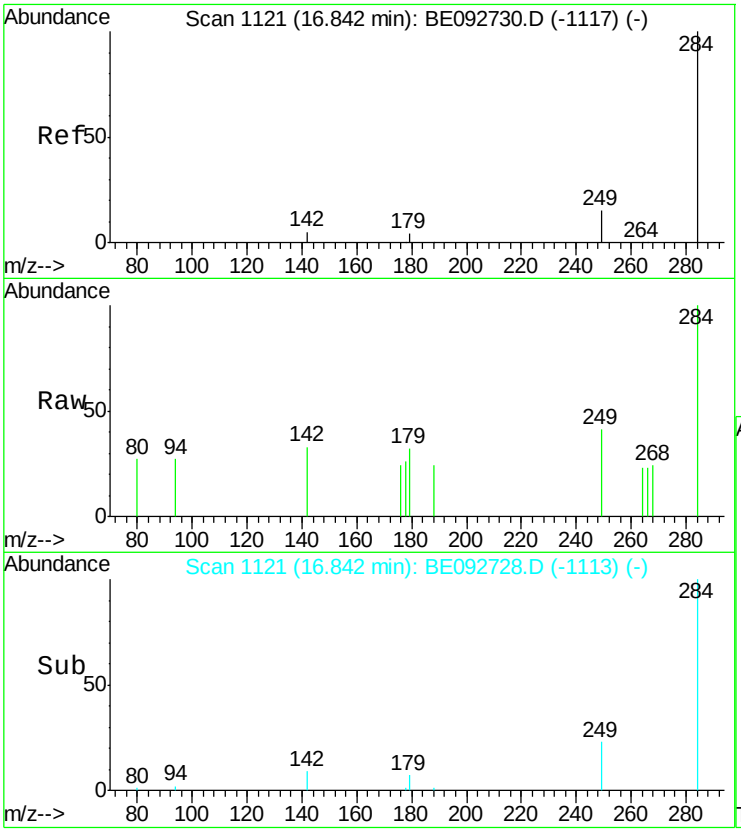


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.51 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Tgt Ion:188 Resp: 55566

Ion	Ratio	Lower	Upper
188	100		
94	11.9	3.2	4.8#
80	11.7	2.6	3.8#



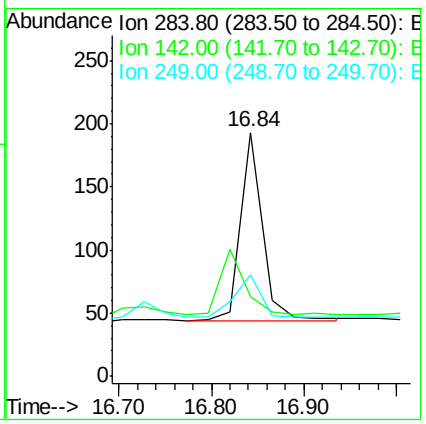


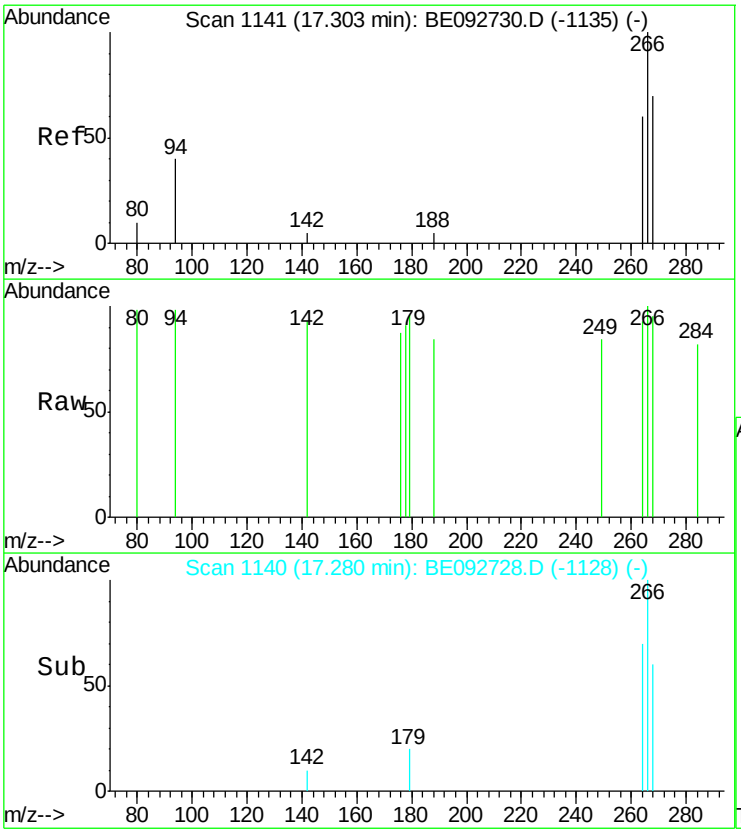
#19
Hexachlorobenzene
Concen: 0.12 ng
RT: 16.84 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 249

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	25.7	27.9	41.9#

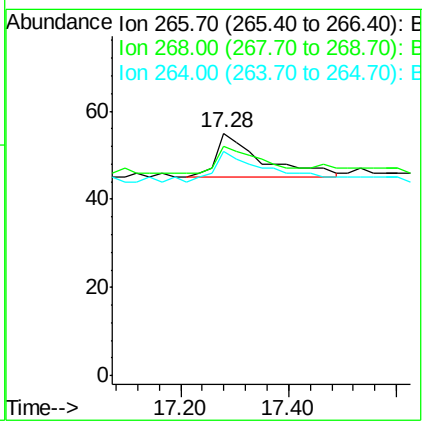


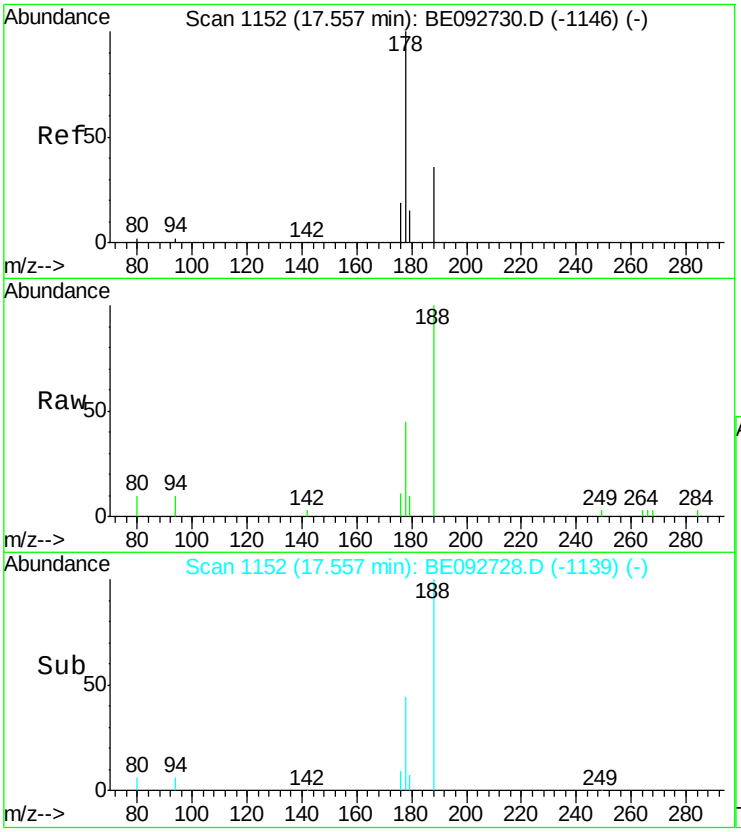


#20
Pentachlorophenol
Concen: 0.10 ng
RT: 17.28 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Tgt Ion:266 Resp: 59

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



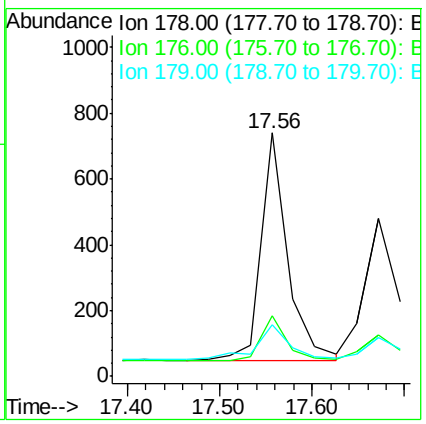


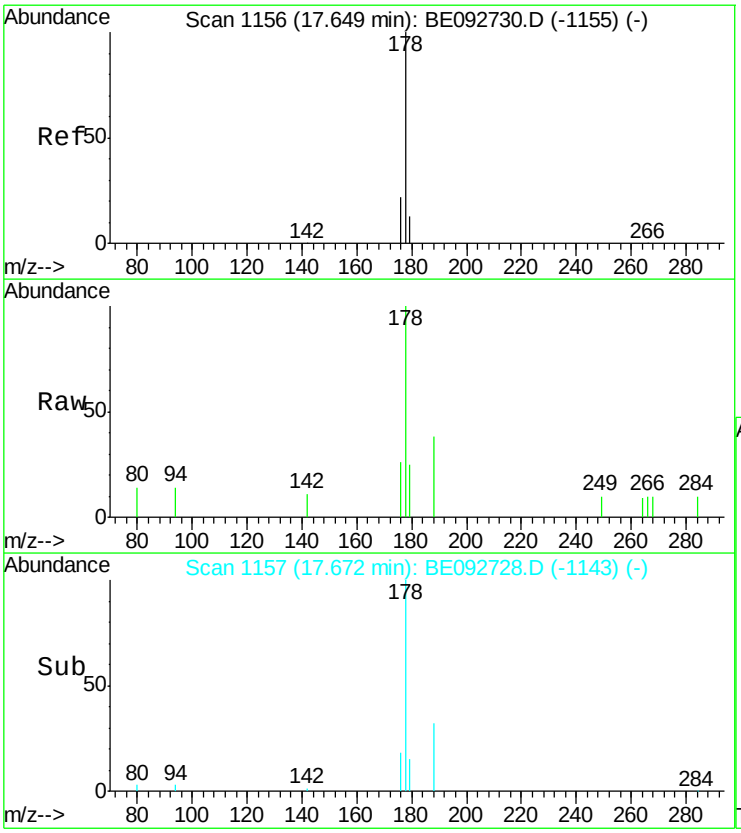
#21
Phenanthrene
Concen: 0.11 ng
RT: 17.56 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 1373

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	18.5	16.0	24.0

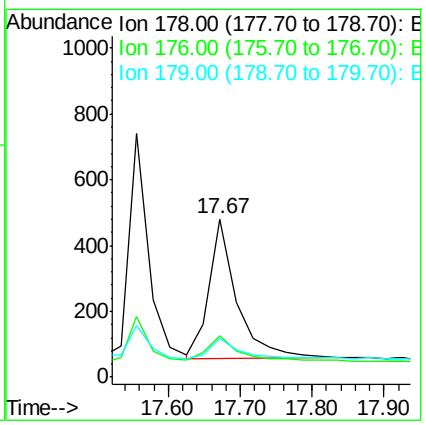


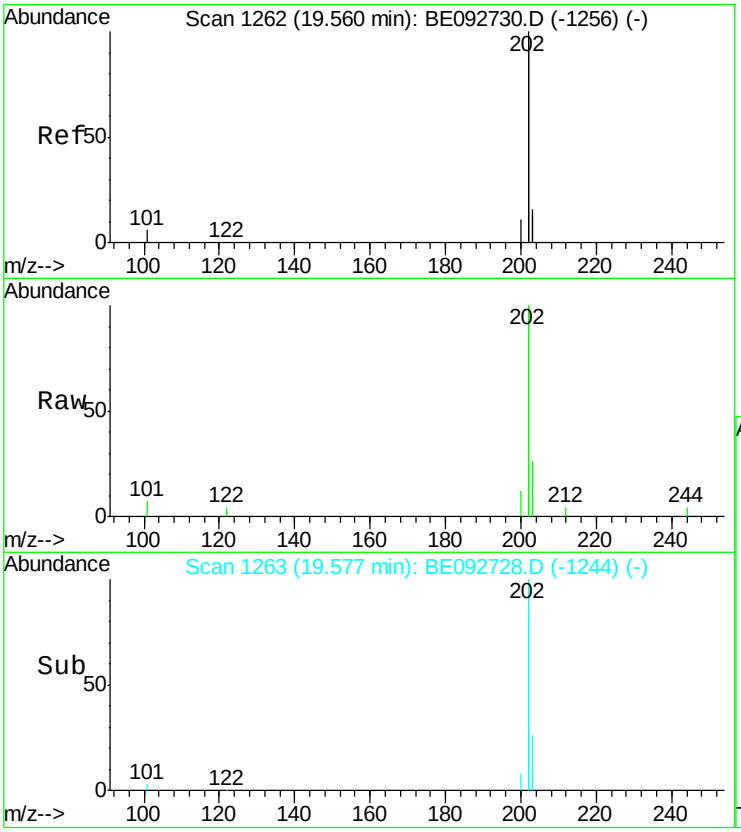


#22
Anthracene
Concen: 0.10 ng
RT: 17.67 min Scan# 1157
Delta R.T. 0.02 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Tgt Ion:178 Resp: 1133

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.0	22.4
179	16.9	12.2	18.2



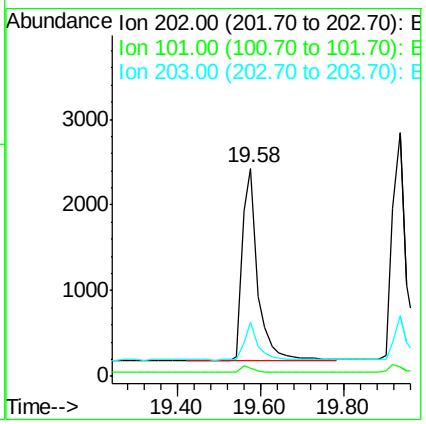


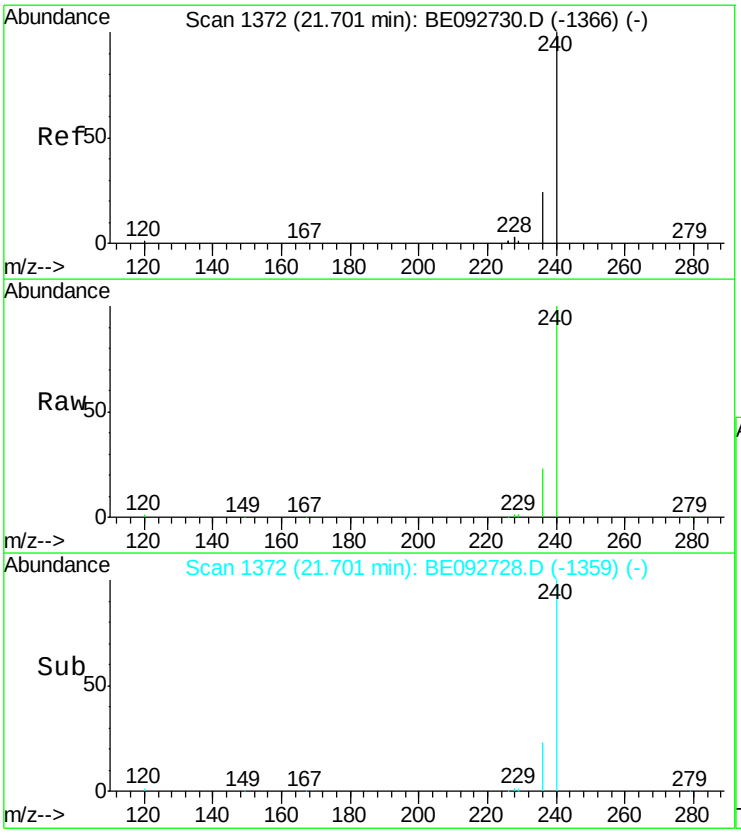
#23
Fluoranthene
Concen: 0.11 ng
RT: 19.58 min Scan# 1263
Delta R.T. 0.02 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 5852

Ion	Ratio	Lower	Upper
202	100		
101	2.8	2.2	3.4
203	18.0	13.7	20.5

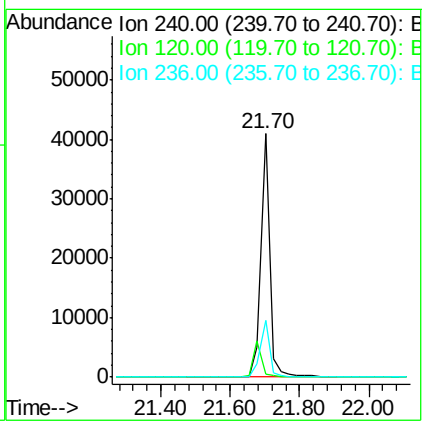


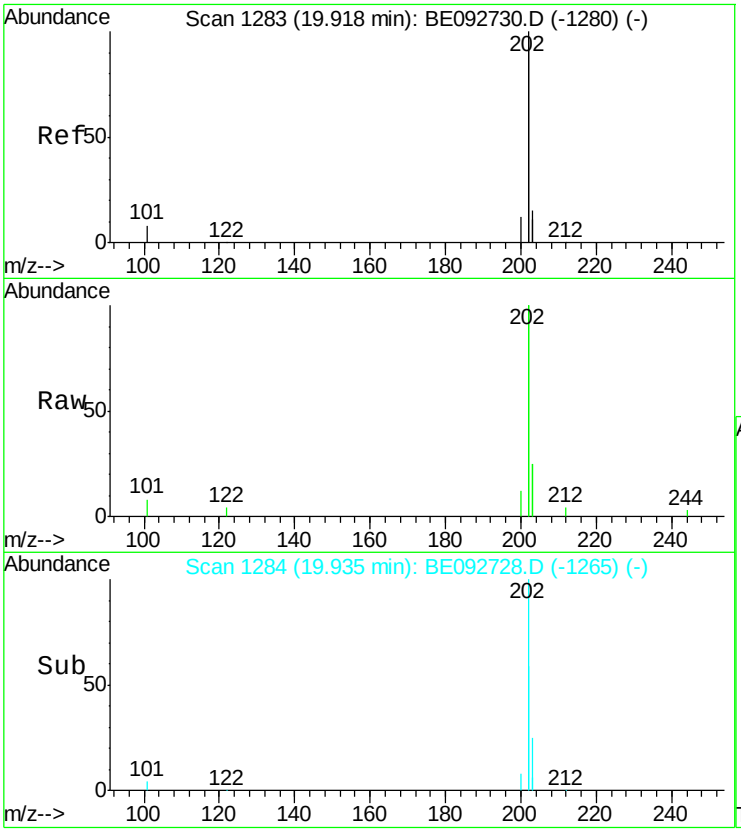


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.70 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Tgt Ion:240 Resp: 69351

Ion	Ratio	Lower	Upper
240	100		
120	1.4	2.6	4.0#
236	23.4	24.6	37.0#



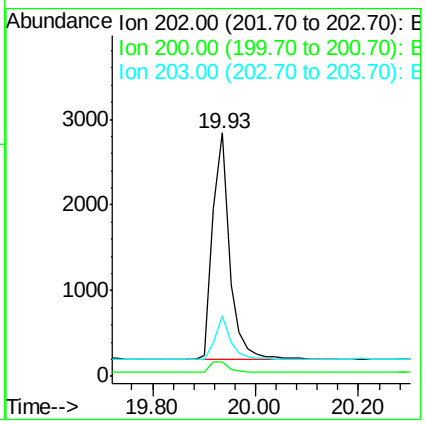


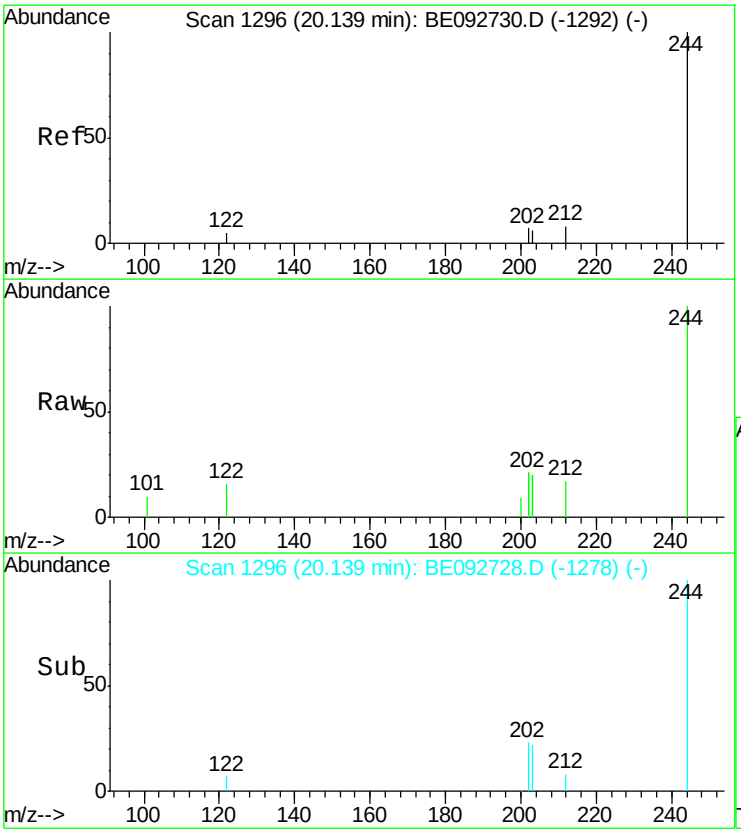
#25
Pyrene
Concen: 0.09 ng
RT: 19.93 min Scan# 1284
Delta R.T. 0.02 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 6173

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	18.3	13.9	20.9

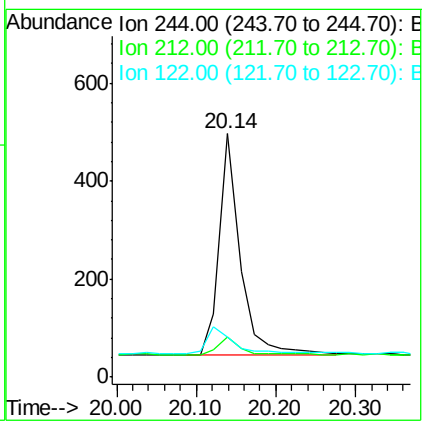


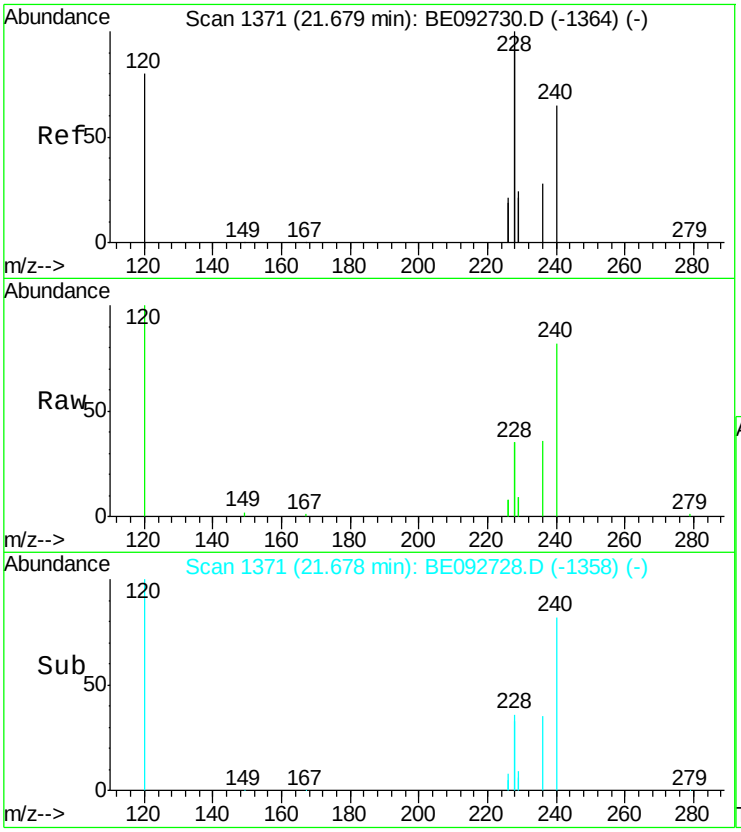


#26
Terphenyl-d14
Concen: 0.08 ng
RT: 20.14 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Tgt Ion:244 Resp: 826

Ion	Ratio	Lower	Upper
244	100		
212	16.7	6.7	10.1#
122	16.5	3.6	5.4#



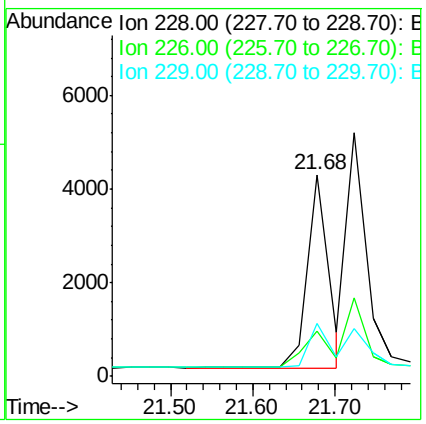


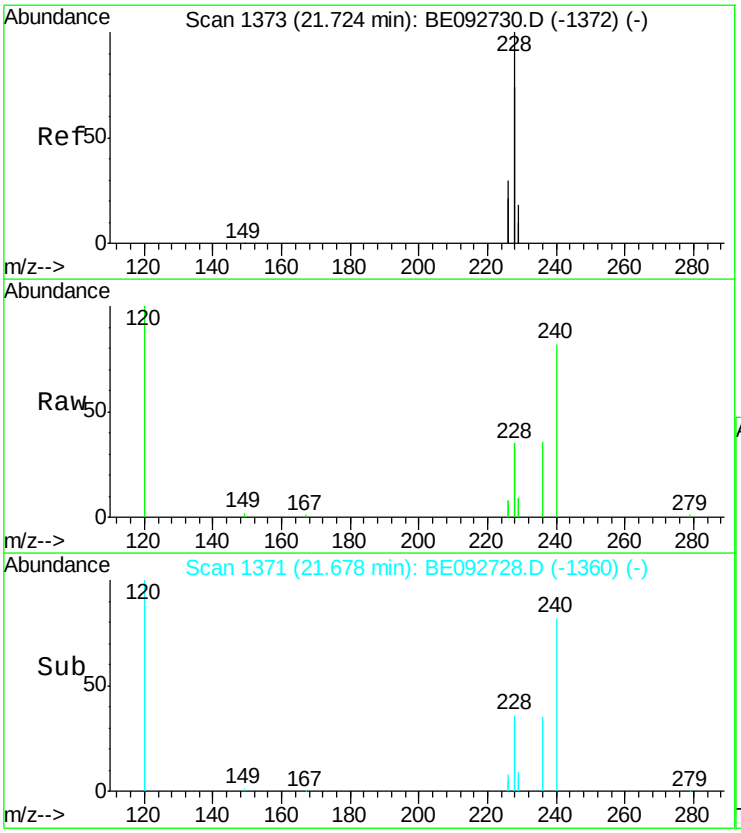
#27
Benzo(a)anthracene
Concen: 0.11 ng
RT: 21.68 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 7327

Ion	Ratio	Lower	Upper
228	100		
226	22.2	23.6	35.4#
229	26.0	13.3	19.9#

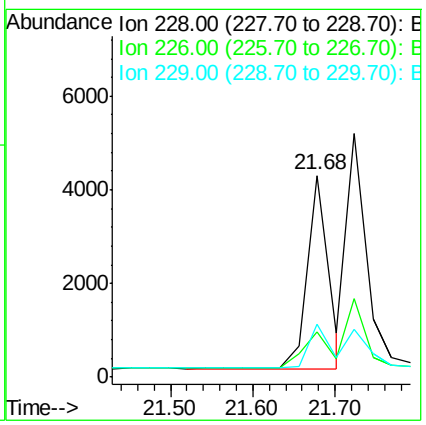


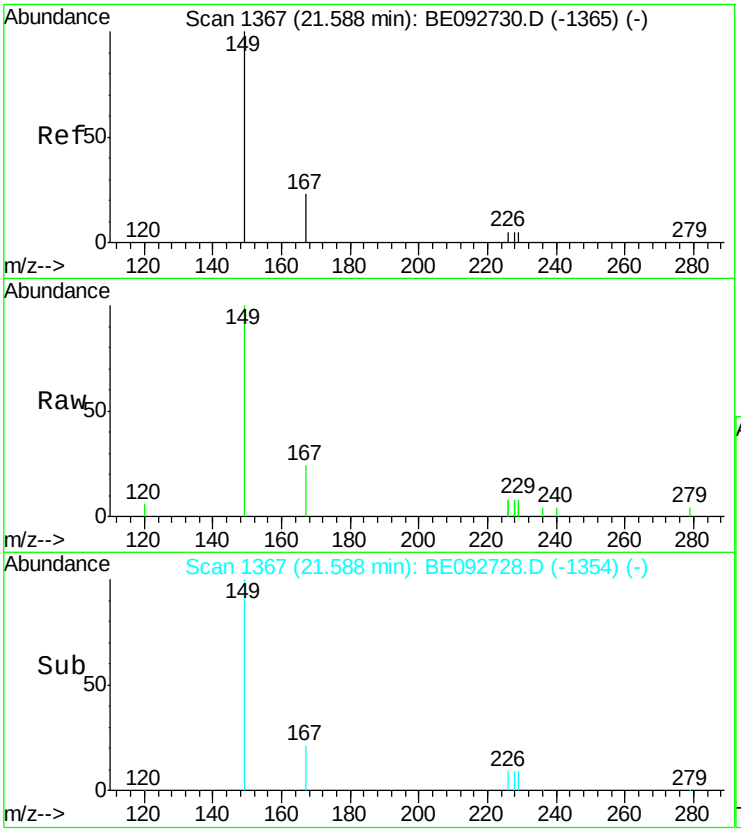


#28
Chrysene
Concen: 0.10 ng
RT: 21.68 min Scan# 1371
Delta R.T. -0.05 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Tgt Ion:228 Resp: 7327

Ion	Ratio	Lower	Upper
228	100		
226	22.2	36.3	54.5#
229	26.0	10.6	16.0#



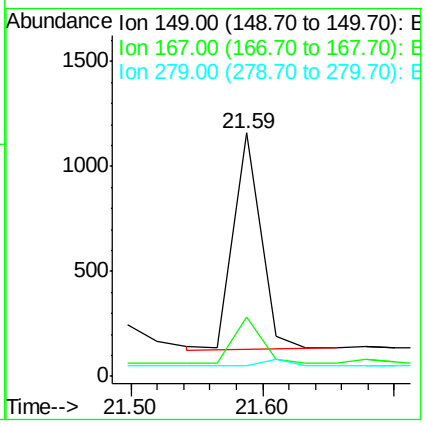


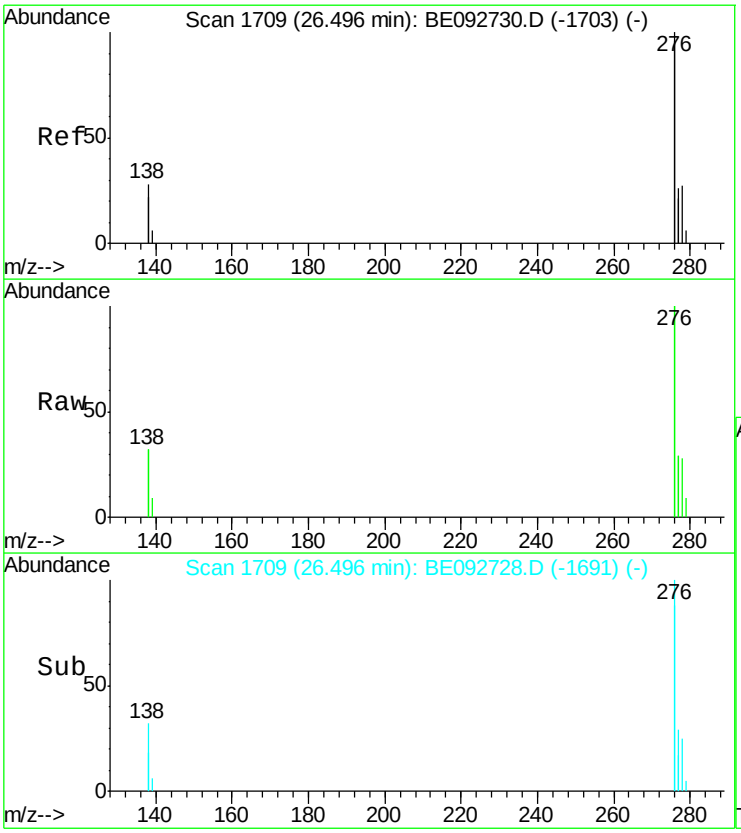
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.12 ng
RT: 21.59 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:149 Resp: 1524

Ion	Ratio	Lower	Upper
149	100		
167	22.7	16.0	24.0
279	0.0	16.0	24.0#

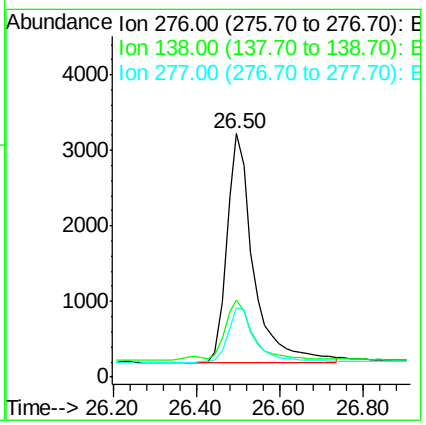


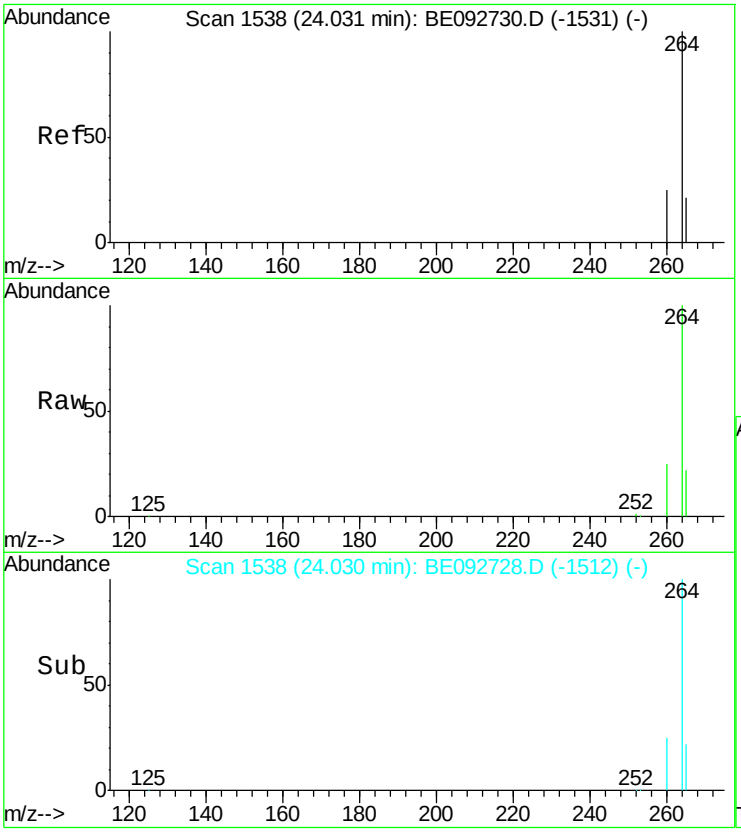


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.16 ng
RT: 26.50 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Tgt Ion:276 Resp: 13380

Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.3	30.5
277	24.9	19.7	29.5



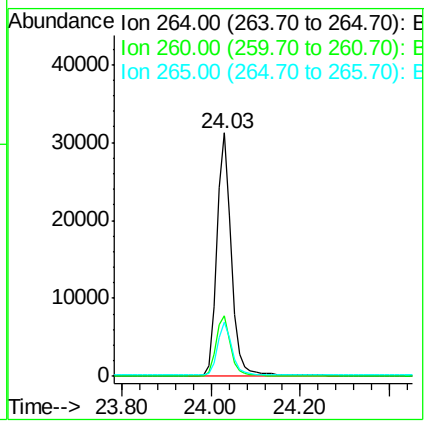


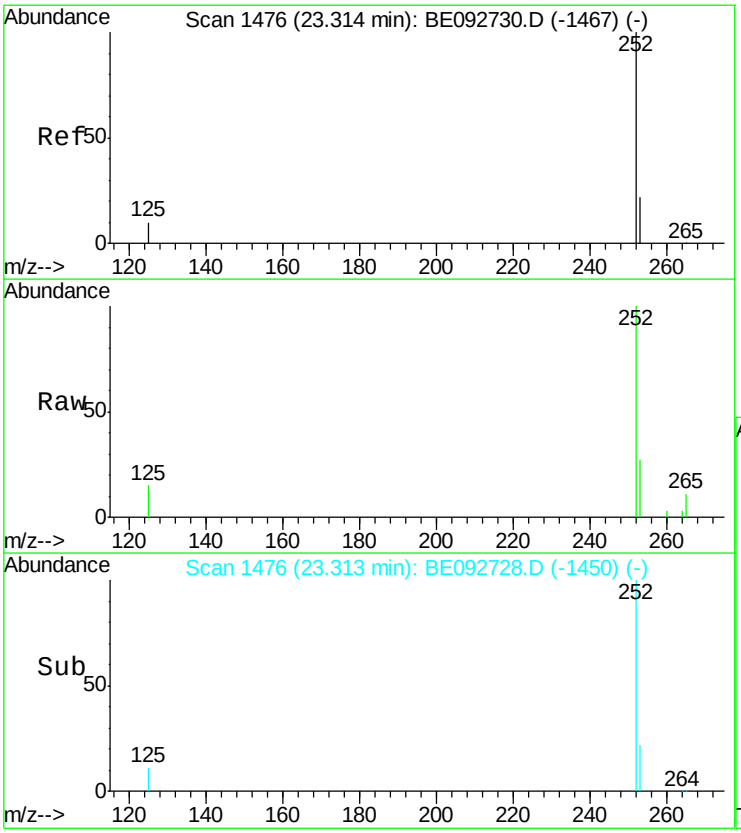
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.03 min Scan# 1538
Delta R.T. -0.00 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 70590

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	22.3	17.9	26.9

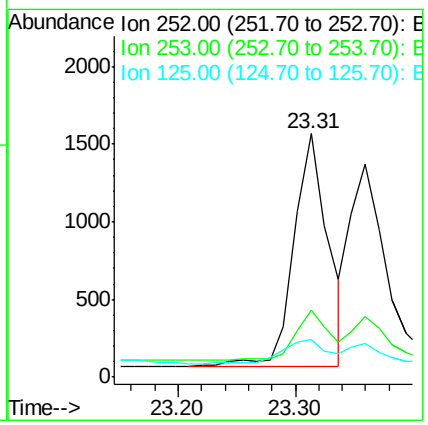


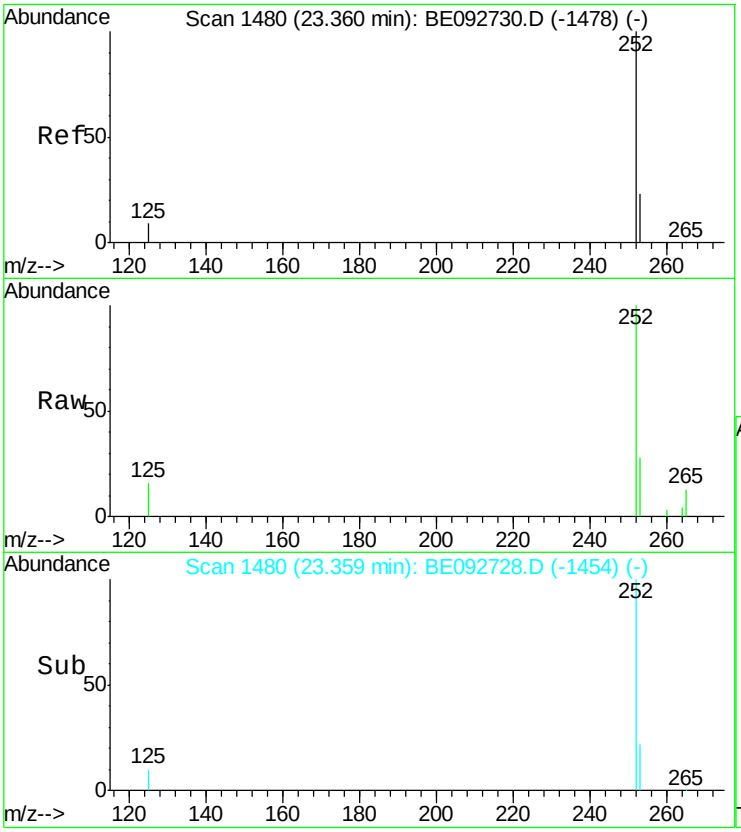


#32
Benzo(b)fluoranthene
Concen: 0.18 ng
RT: 23.31 min Scan# 1476
Delta R.T. -0.00 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Tgt Ion:252 Resp: 3045

Ion	Ratio	Lower	Upper
252	100		
253	27.5	18.7	28.1
125	15.3	10.5	15.7



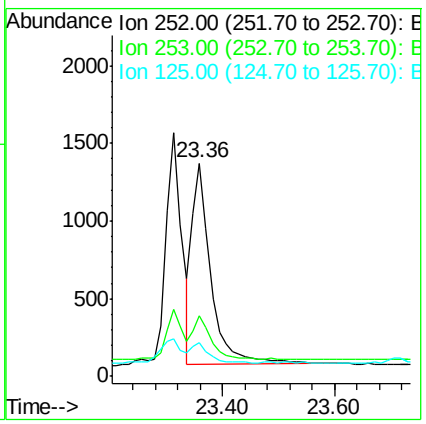


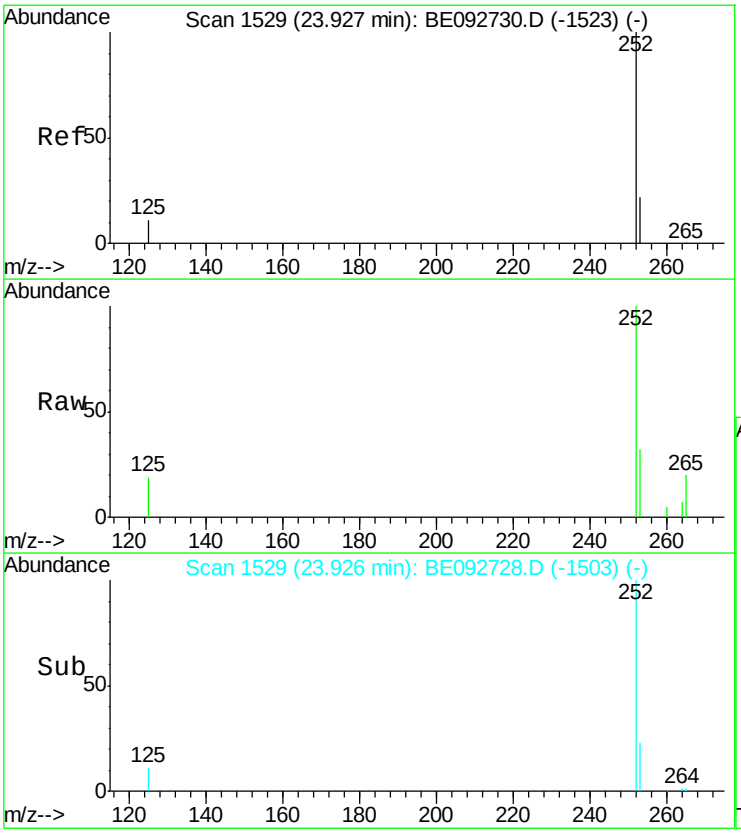
#33
Benzo(k)fluoranthene
Concen: 0.17 ng
RT: 23.36 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 2997

Ion	Ratio	Lower	Upper
252	100		
253	28.3	20.3	30.5
125	15.5	9.6	14.4#

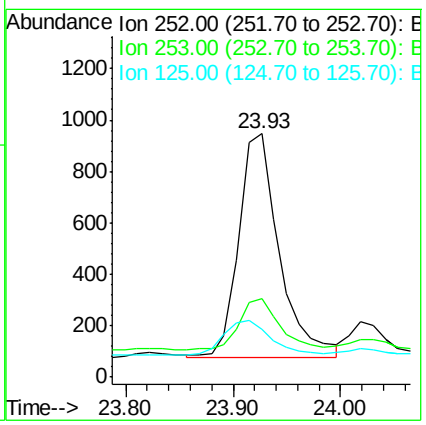


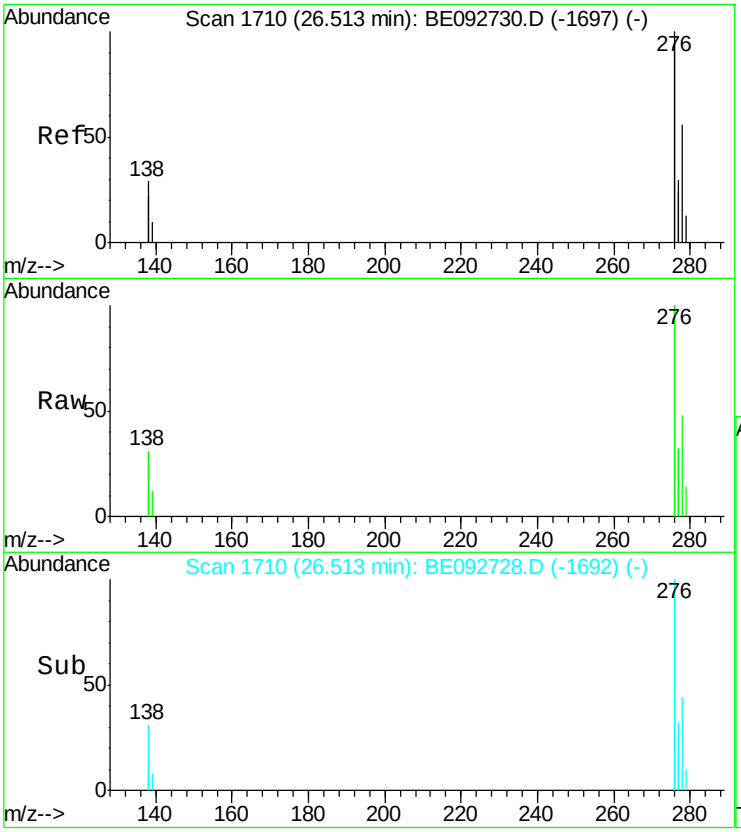


#34
Benzo(a)pyrene
Concen: 0.14 ng
RT: 23.93 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Tgt Ion:252 Resp: 2265

Ion	Ratio	Lower	Upper
252	100		
253	32.3	19.0	28.6#
125	19.4	11.8	17.8#



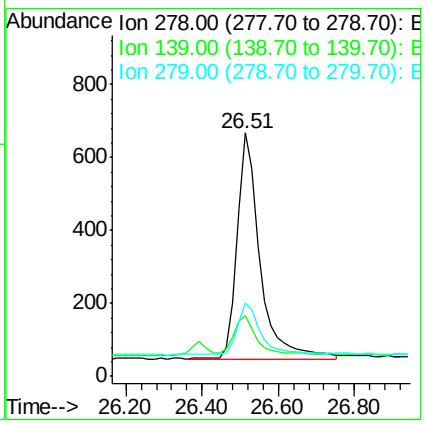


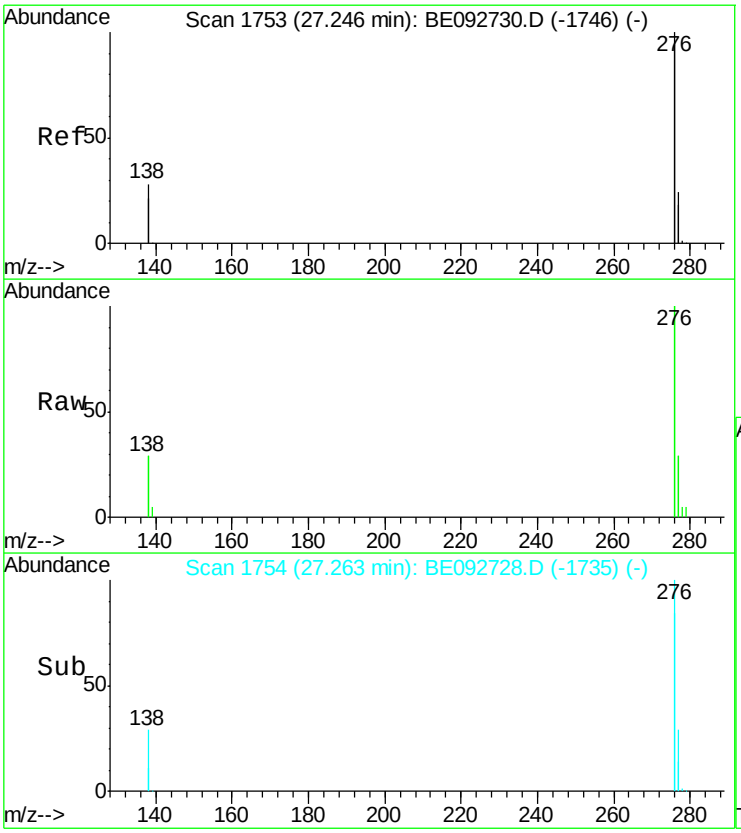
#35
Dibenzo(a,h)anthracene
Concen: 0.17 ng
RT: 26.51 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:278 Resp: 2624

Ion	Ratio	Lower	Upper
278	100		
139	24.9	13.8	20.8#
279	30.4	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.17 ng
RT: 27.26 min Scan# 1754
Delta R.T. 0.02 min
Lab File: BE092728.D
Acq: 15 Feb 2017 11:48

Tgt Ion:276 Resp: 11497

Ion	Ratio	Lower	Upper
276	100		
277	29.3	19.8	29.8
138	28.6	19.8	29.6