Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040417\
Data File : BE092882.D
Acq On : 4 Apr 2017 13:32
Operator : SJ/MA
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC1.6

Quant Time: Apr 04 15:13:38 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 04 13:37:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	7893	5.00	ng		0.00
7) Naphthalene-d8	10.54	136	34822	5.00	ng		0.00
12) Acenaphthene-d10	14.38	164	16965	5.00	ng		0.00
18) Phenanthrene-d10	17.13	188	39016	5.00	ng		0.00
24) Chrysene-d12	21.28	240	46382	5.00	ng		0.00
31) Perylene-d12	23.70	264	38075	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	2410	1.31	ng		0.00
5) Phenol-d6	6.94	99	3530	1.31	ng		0.00
8) Nitrobenzene-d5	8.90	82	3048	1.52	ng		0.00
13) 2,4,6-Tribromophenol	15.87	330	360	1.36	ng		0.00
14) 2-Fluorobiphenyl	13.02	172	9130	1.63	ng		0.00
26) Terphenyl-d14	19.74	244	11727	1.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	1596	1.51	ng		95
3) n-Nitrosodimethylamine	3.61	42	1703	1.56	ng		87
6) bis(2-Chloroethyl)ether	7.20	93	4015	1.56	ng	#	50
9) Naphthalene	10.58	128	12073	1.58	ng		95
10) Hexachlorobutadiene	10.89	225	1599	1.56	ng		99
11) 2-Methylnaphthalene	12.21	142	7543	1.56	ng	#	85
15) Acenaphthylene	14.09	152	40291	1.55	ng		100
16) Acenaphthene	14.45	154	7553	1.63	ng		97
17) Fluorene	15.44	166	8730	1.58	ng		99
19) Hexachlorobenzene	16.46	284	2308	1.60	ng	#	64
20) Pentachlorophenol	16.79	266	503	1.34	ng	#	85
21) Phenanthrene	17.18	178	16880	1.78	ng	#	94
22) Anthracene	17.27	178	13852	1.61	ng		99
23) Fluoranthene	19.16	202	60309	1.38	ng		98
25) Pyrene	19.54	202	66773	1.45	ng		99
27) Benzo(a)anthracene	21.26	228	16093	1.46	ng		93
28) Chrysene	21.31	228	18921	1.63	ng	#	76
29) Bis(2-ethylhexyl)phthalate	21.21	149	3430	1.02	ng	#	73
30) Indeno(1,2,3-cd)pyrene	26.24	276	60358	1.38	ng	#	93
32) Benzo(b)fluoranthene	22.96	252	15062	1.49	ng		99
33) Benzo(k)fluoranthene	23.01	252	14060	1.55	ng		95
34) Benzo(a)pyrene	23.58	252	11936	1.42	ng		98
35) Dibenzo(a,h)anthracene	26.25	278	13454	1.51	ng	#	93
36) Benzo(g,h,i)perylene	27.00	276	54264	1.47	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040417\
Data File : BE092882.D
Acq On : 4 Apr 2017 13:32
Operator : SJ/MA
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Quant Time: Apr 04 15:13:38 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 04 13:37:15 2017
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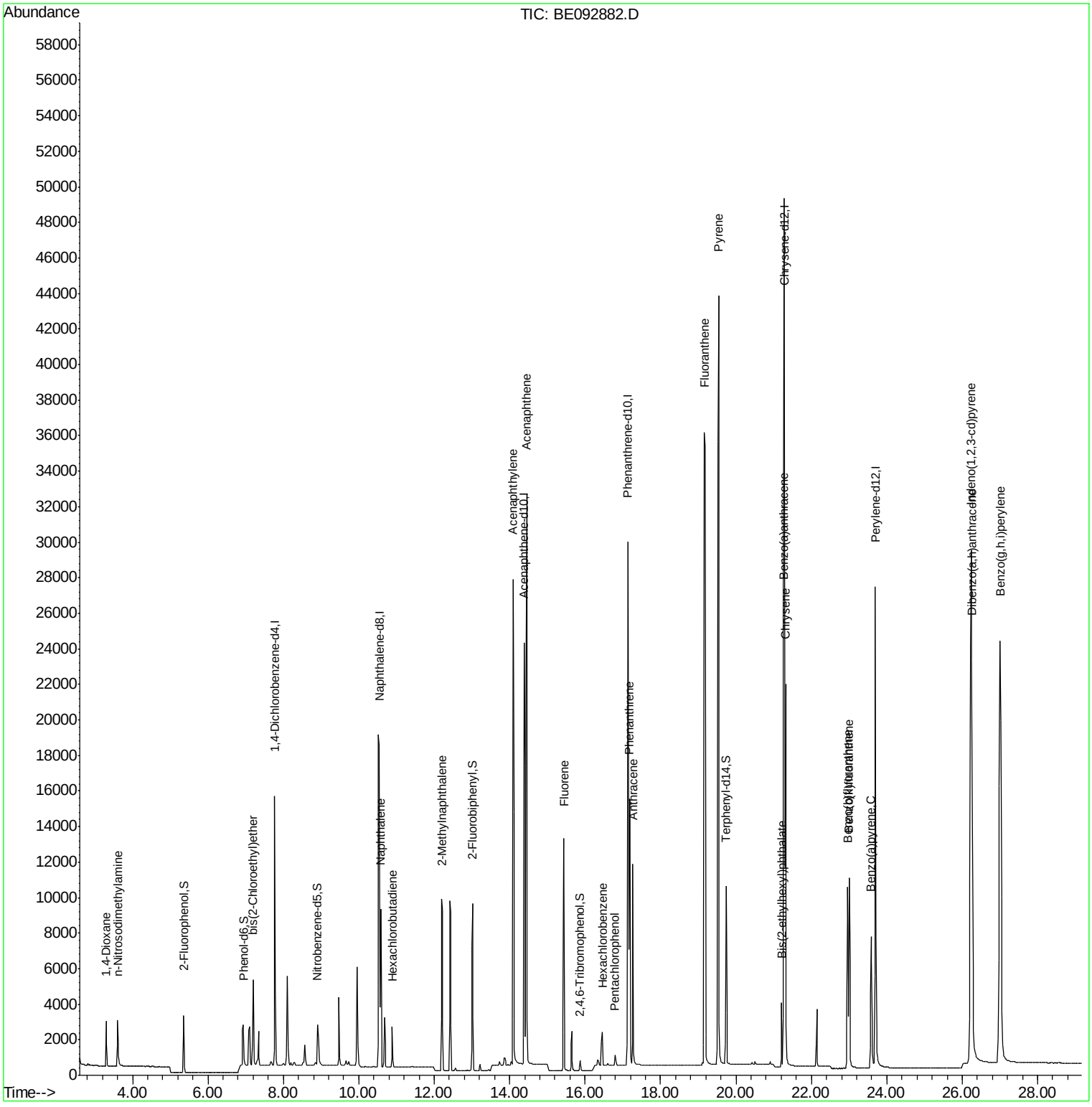
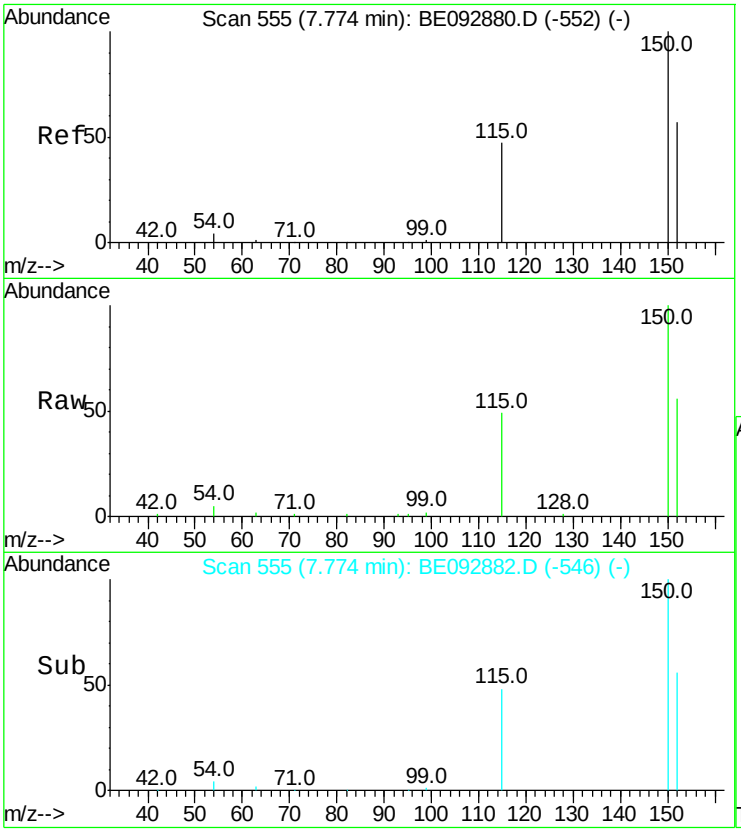


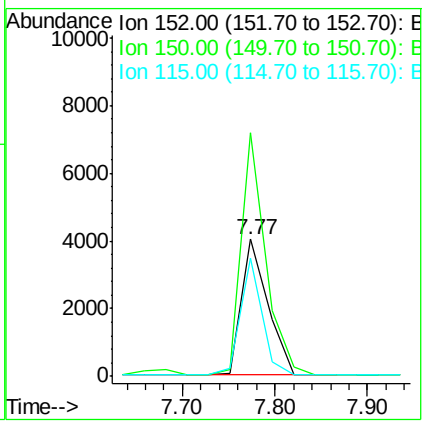


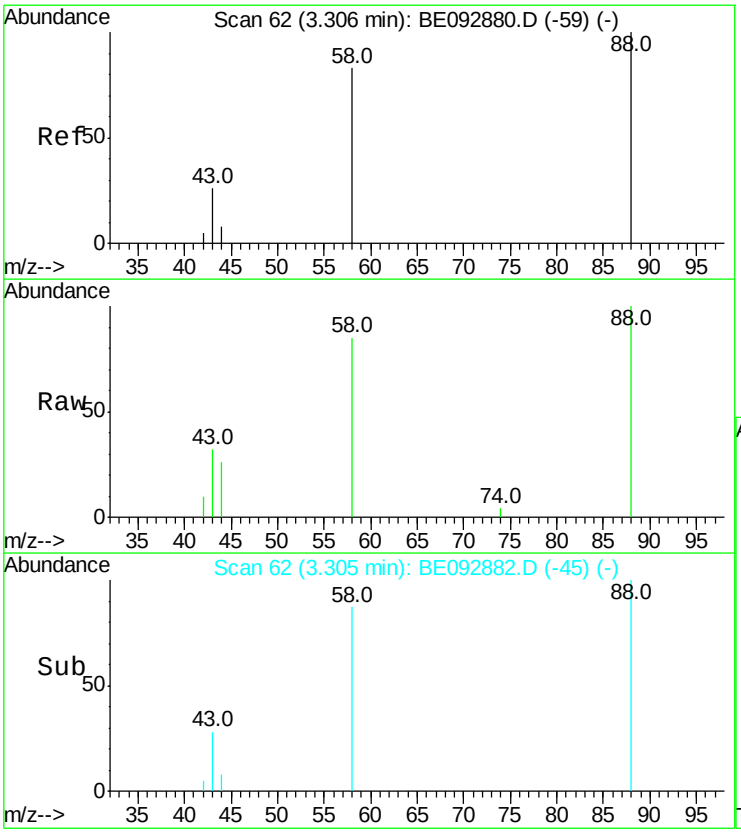
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.77 min Scan# 555
Delta R.T. -0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 7893

Ion	Ratio	Lower	Upper
152	100		
150	177.3	106.0	159.0#
115	86.0	31.2	46.8#

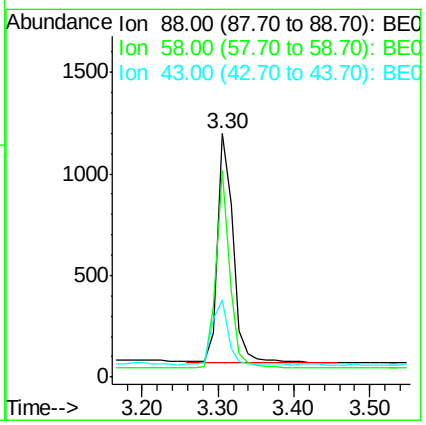


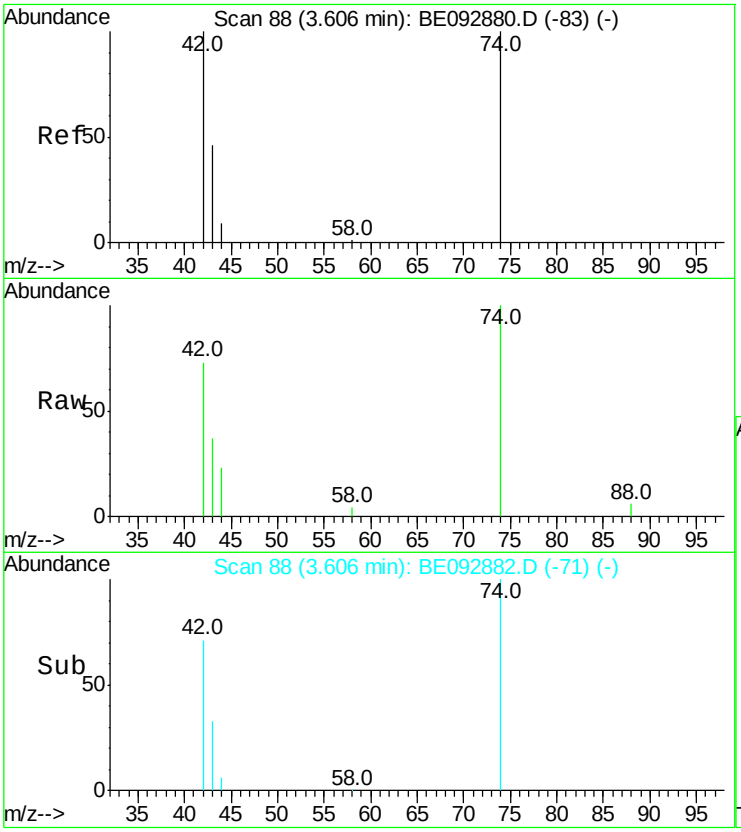


#2
1,4-Dioxane
Concen: 1.51 ng
RT: 3.30 min Scan# 62
Delta R.T. -0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Tgt Ion: 88 Resp: 1596

Ion	Ratio	Lower	Upper
88	100		
58	76.8	63.6	95.4
43	29.0	28.0	42.0



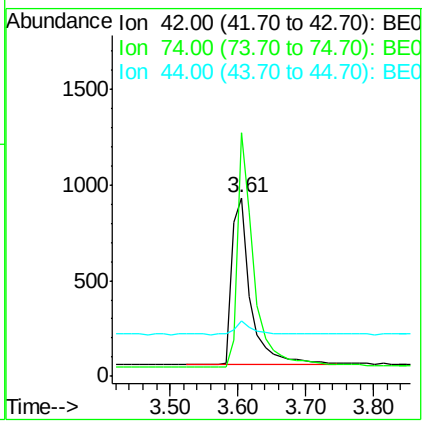


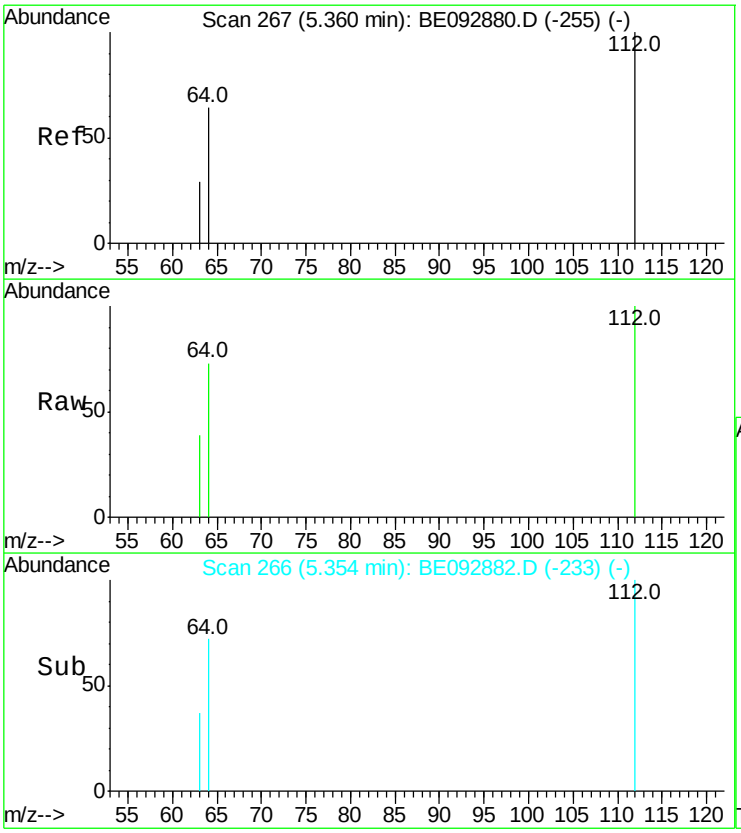
#3
n-Nitrosodimethylamine
Concen: 1.56 ng
RT: 3.61 min Scan# 88
Delta R.T. -0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 1703

Ion	Ratio	Lower	Upper
42	100		
74	122.0	86.0	129.0
44	7.6	5.1	7.7

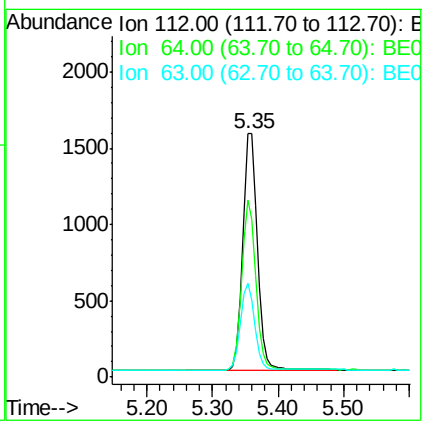


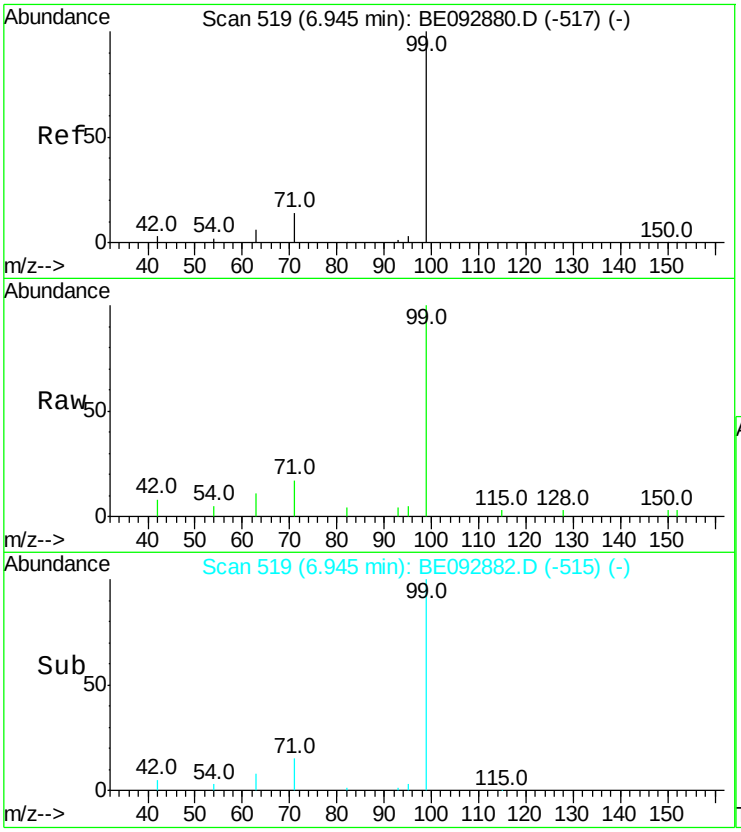


#4
2-Fluorophenol
Concen: 1.31 ng
RT: 5.35 min Scan# 266
Delta R.T. -0.01 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Tgt Ion:112 Resp: 2410

Ion	Ratio	Lower	Upper
112	100		
64	69.2	53.5	80.3
63	35.4	27.9	41.9



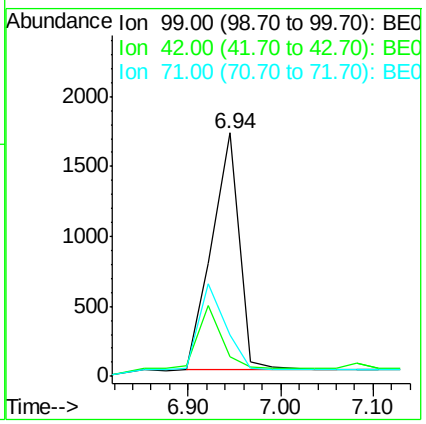


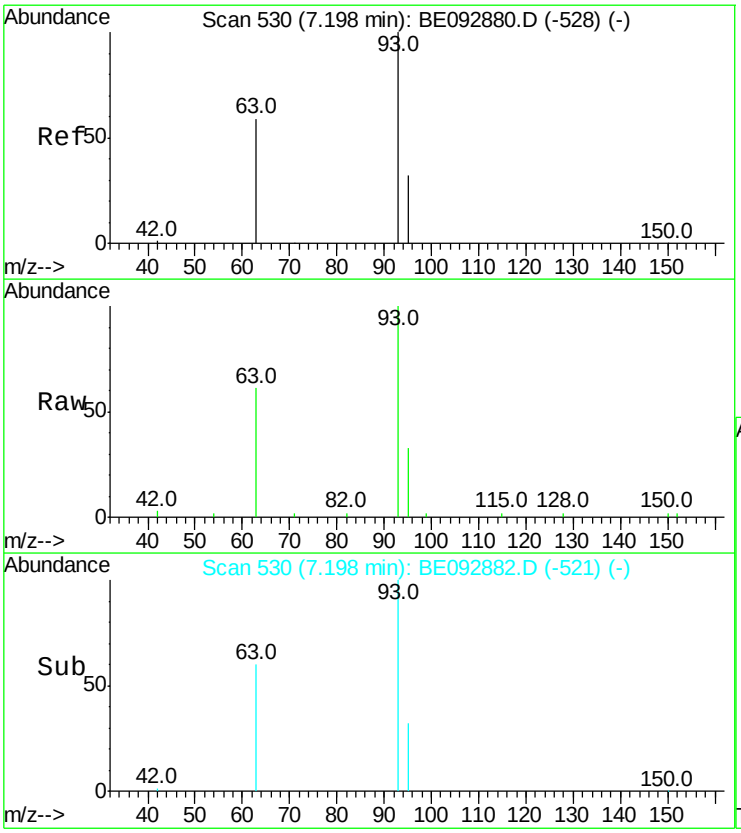
#5
Phenol-d6
Concen: 1.31 ng
RT: 6.94 min Scan# 519
Delta R.T. -0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 3530

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

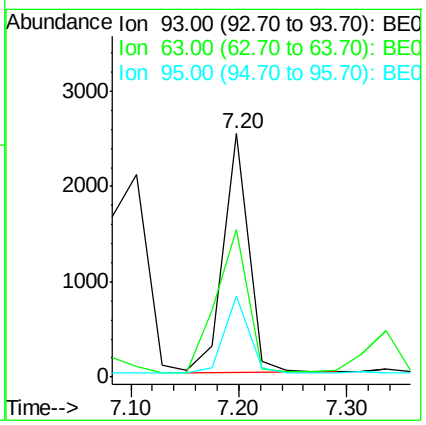


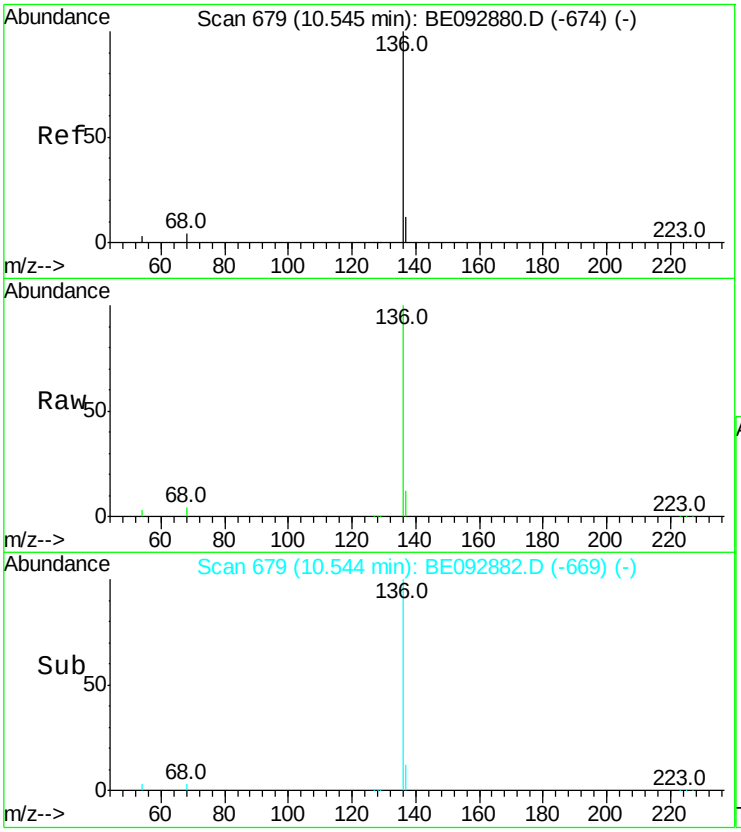


#6
bis(2-Chloroethyl)ether
Concen: 1.56 ng
RT: 7.20 min Scan# 530
Delta R.T. -0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Tgt Ion: 93 Resp: 4015

Ion	Ratio	Lower	Upper
93	100		
63	75.8	16.0	24.0#
95	31.1	24.0	36.0



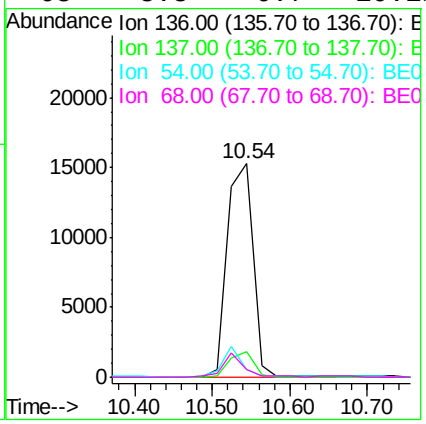


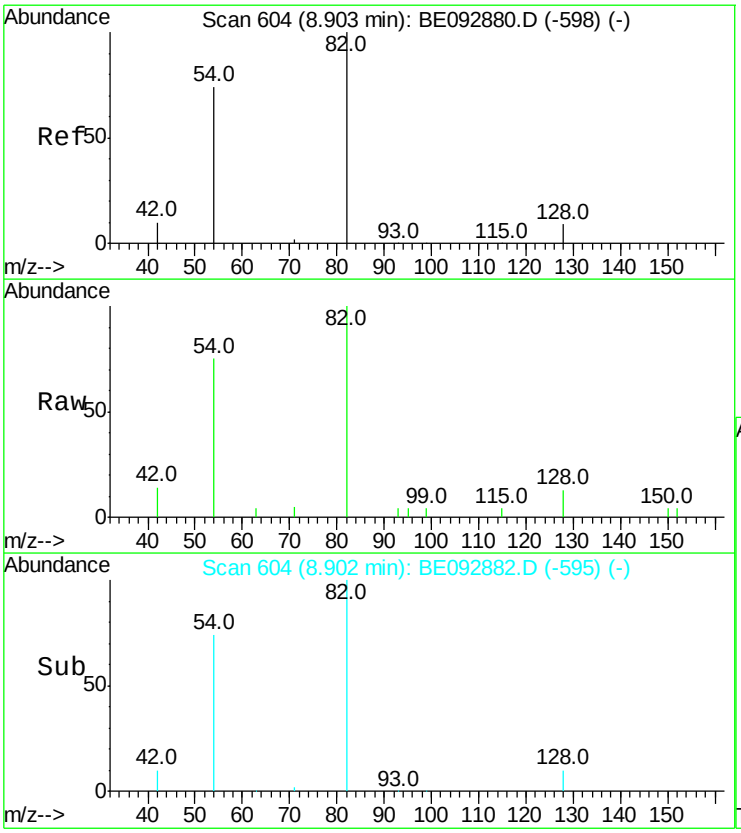
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.54 min Scan# 679
Delta R.T. -0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 34822

Ion	Ratio	Lower	Upper
136	100		
137	12.3	8.2	12.4
54	3.5	9.6	14.4#
68	3.8	6.7	10.1#

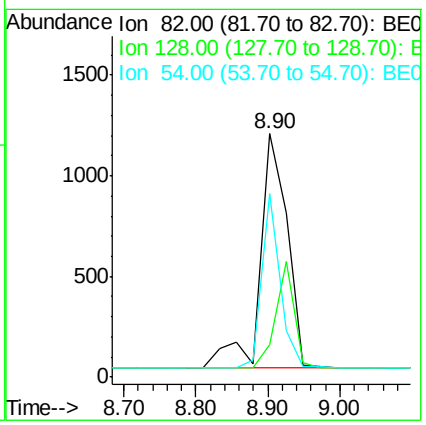


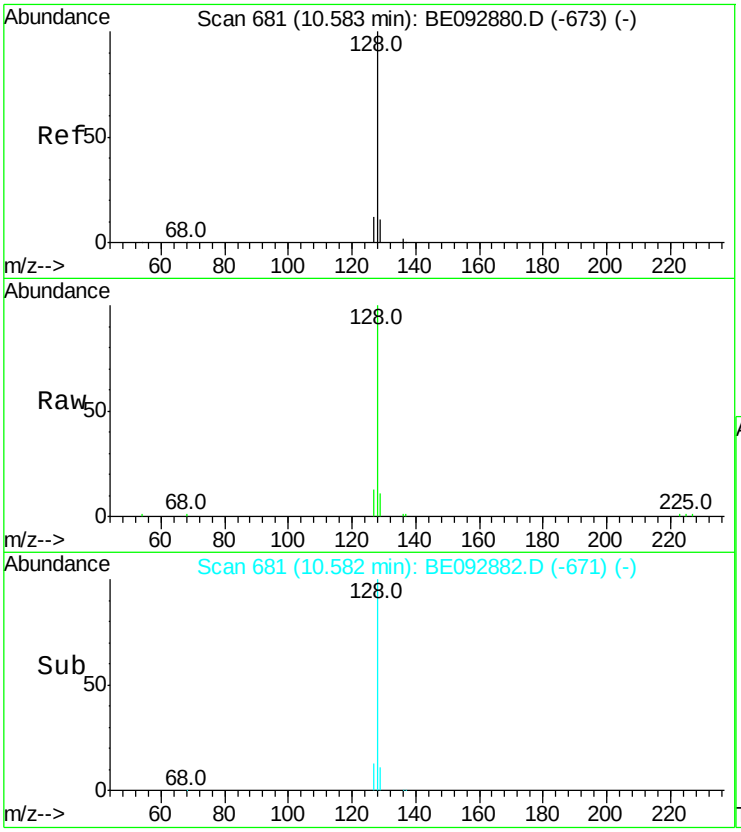


#8
Nitrobenzene-d5
Concen: 1.52 ng
RT: 8.90 min Scan# 604
Delta R.T. -0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Tgt Ion: 82 Resp: 3048

Ion	Ratio	Lower	Upper
82	100		
128	13.5	39.0	58.4#
54	75.3	44.8	67.2#



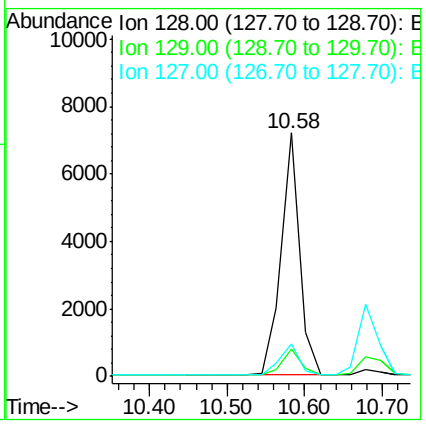


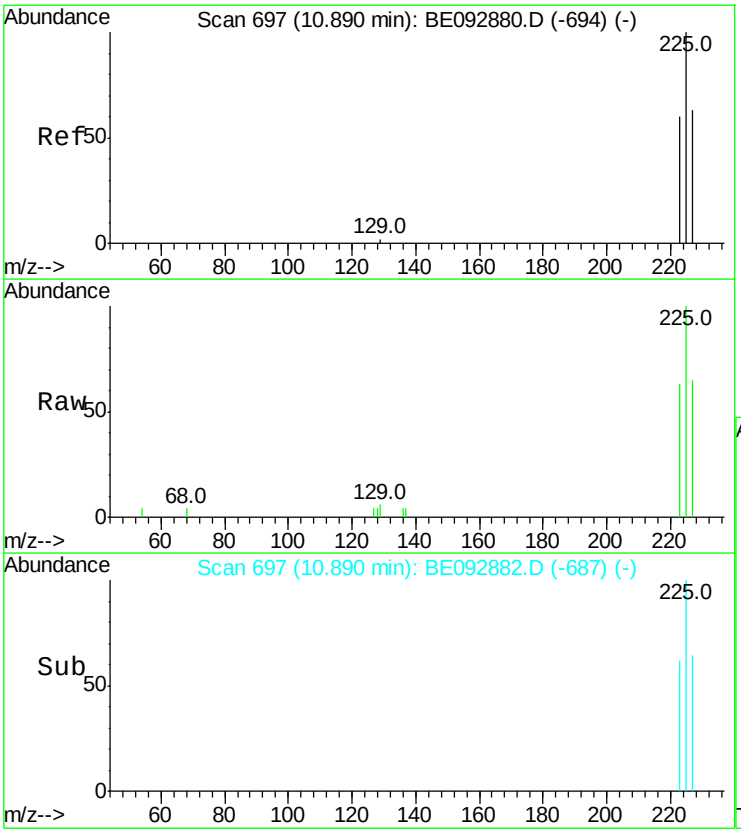
#9
Naphthalene
Concen: 1.58 ng
RT: 10.58 min Scan# 681
Delta R.T. -0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 12073

Ion	Ratio	Lower	Upper
128	100		
129	11.4	11.2	16.8
127	13.2	11.6	17.4

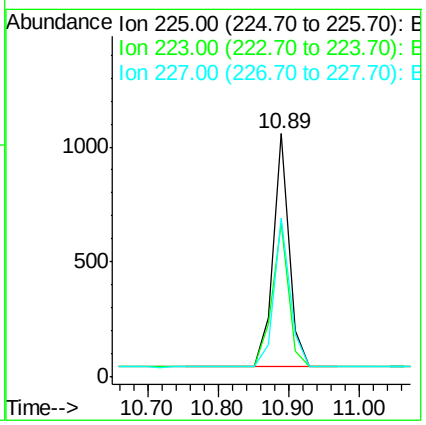


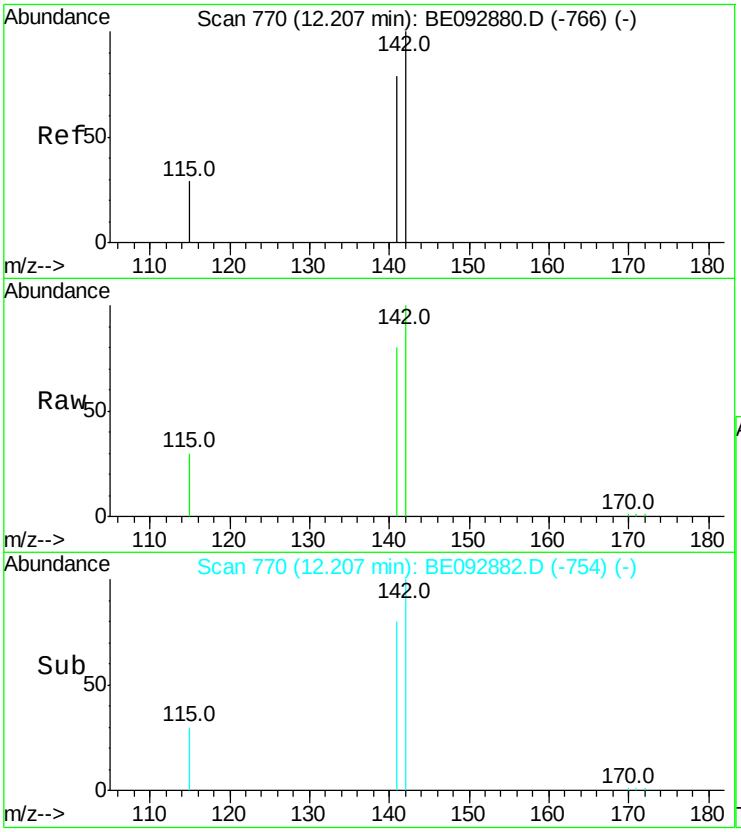


#10
Hexachlorobutadiene
Concen: 1.56 ng
RT: 10.89 min Scan# 697
Delta R.T. -0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Tgt Ion:225 Resp: 1599

Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	63.6	51.4	77.0



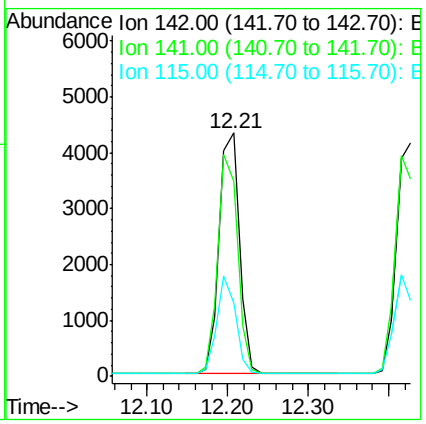


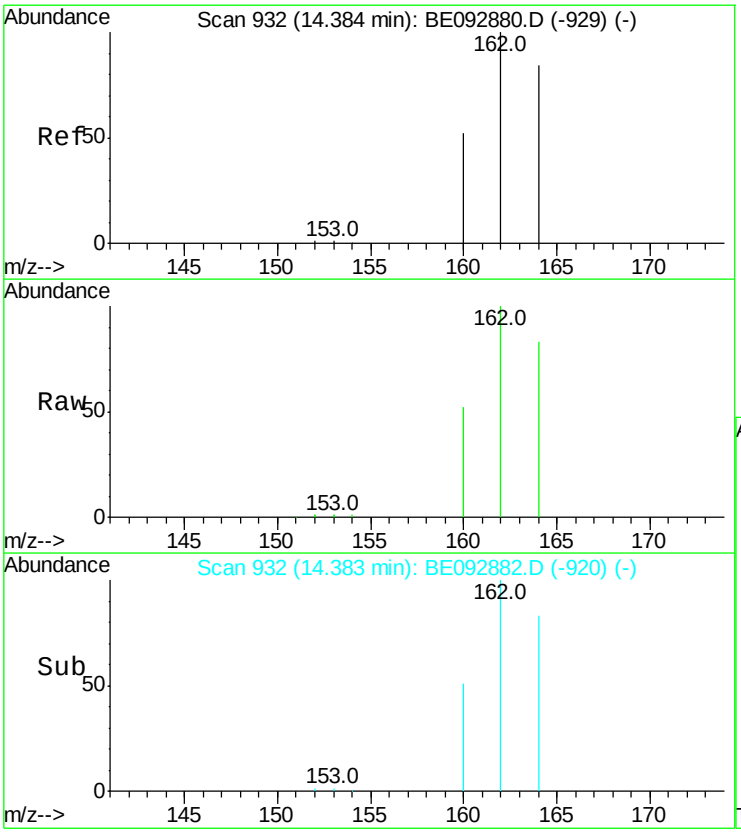
#11
2-Methylnaphthalene
Concen: 1.56 ng
RT: 12.21 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:142 Resp: 7543

Ion	Ratio	Lower	Upper
142	100		
141	80.0	73.7	110.5
115	30.3	34.0	51.0#

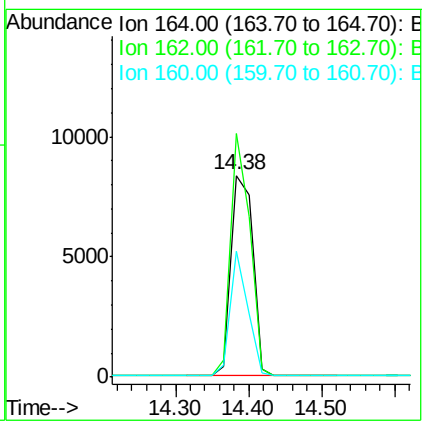


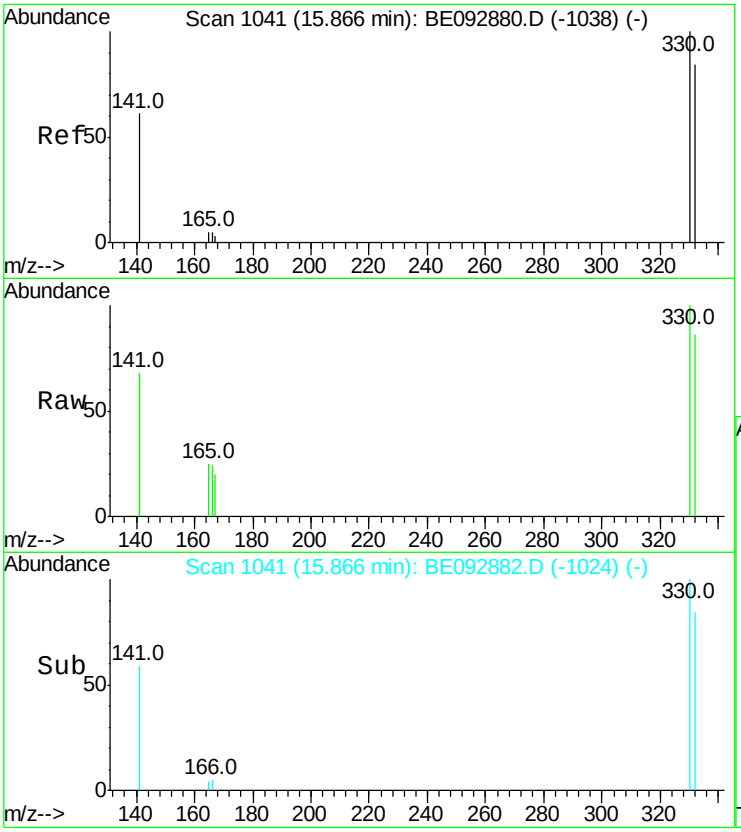


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.38 min Scan# 932
Delta R.T. -0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Tgt Ion:164 Resp: 16965

Ion	Ratio	Lower	Upper
164	100		
162	120.6	71.4	107.0#
160	62.3	27.4	41.2#



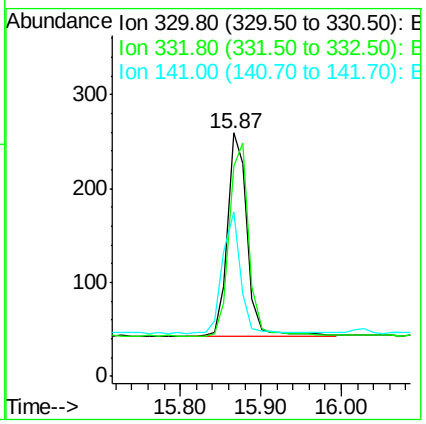


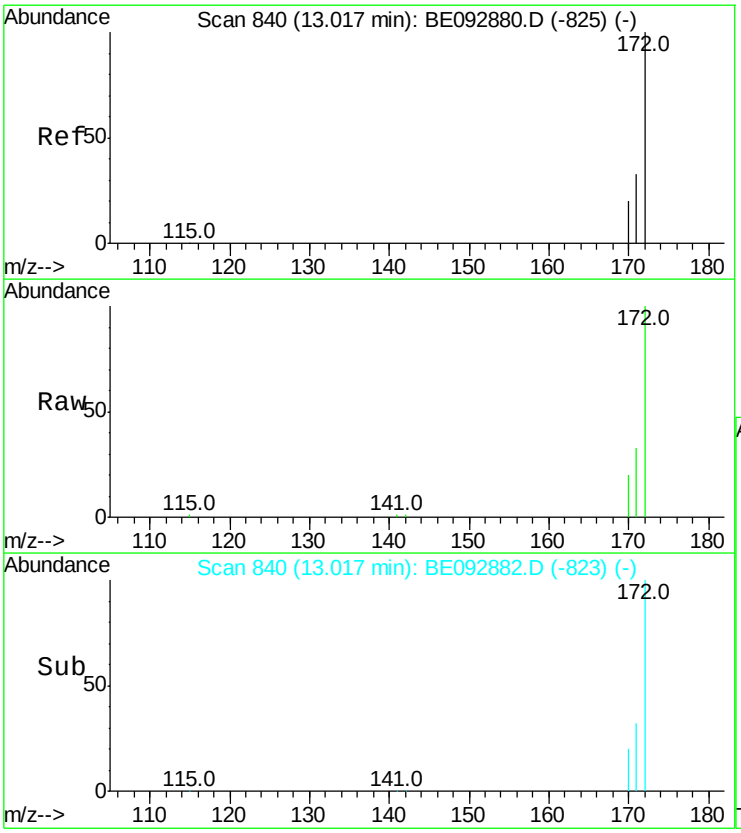
#13
2,4,6-Tribromophenol
Concen: 1.36 ng
RT: 15.87 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:330 Resp: 360

Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.4	113.0
141	57.2	31.0	46.6#

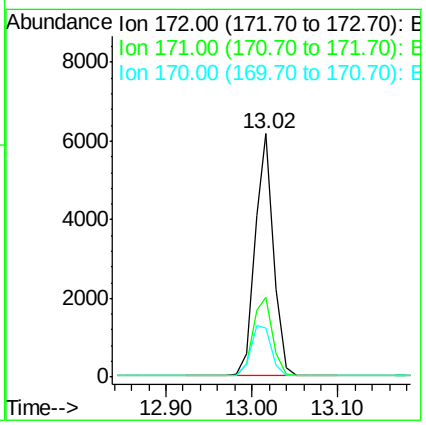


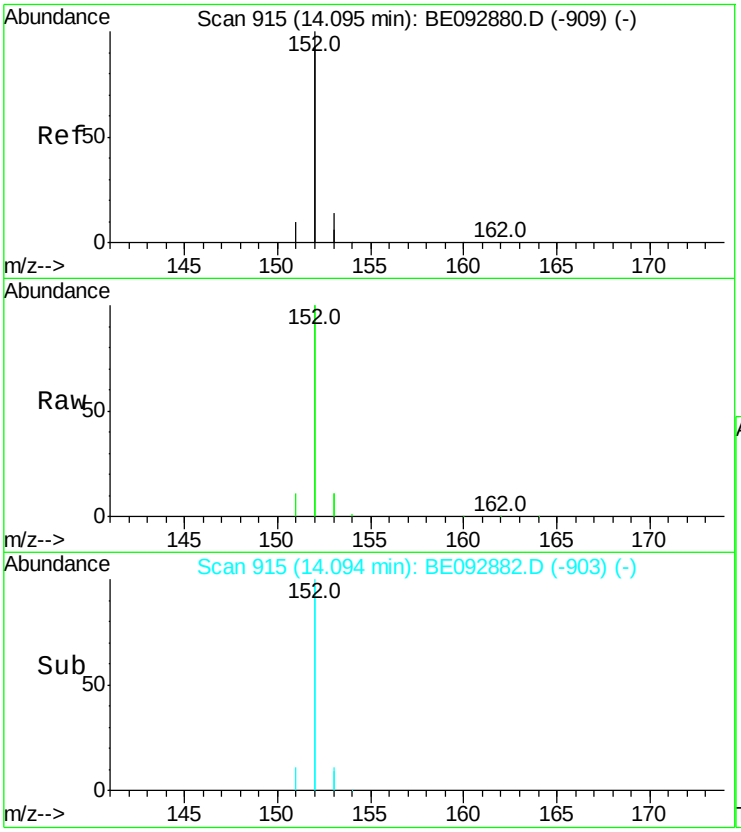


#14
2-Fluorobiphenyl
Concen: 1.63 ng
RT: 13.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Tgt Ion:172 Resp: 9130

Ion	Ratio	Lower	Upper
172	100		
171	32.9	30.1	45.1
170	20.3	21.8	32.6#



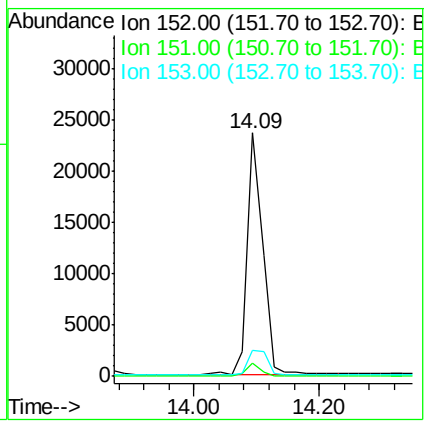


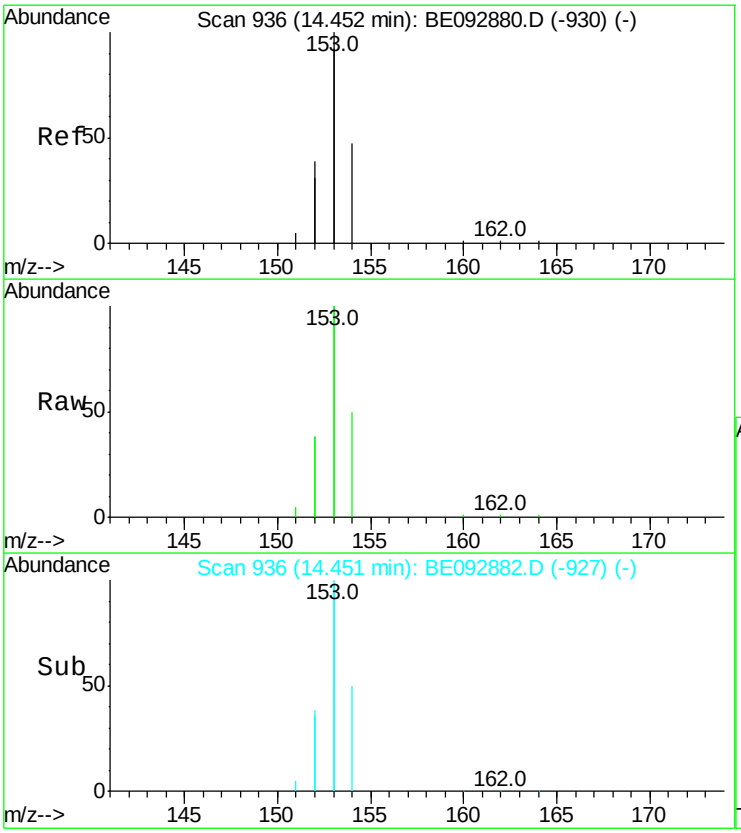
#15
Acenaphthylene
Concen: 1.55 ng
RT: 14.09 min Scan# 915
Delta R.T. -0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 40291

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.9	5.9
153	12.9	10.4	15.6

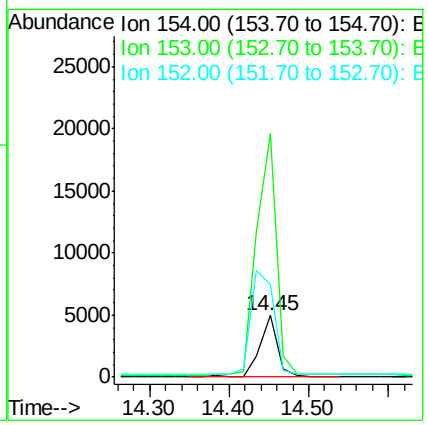


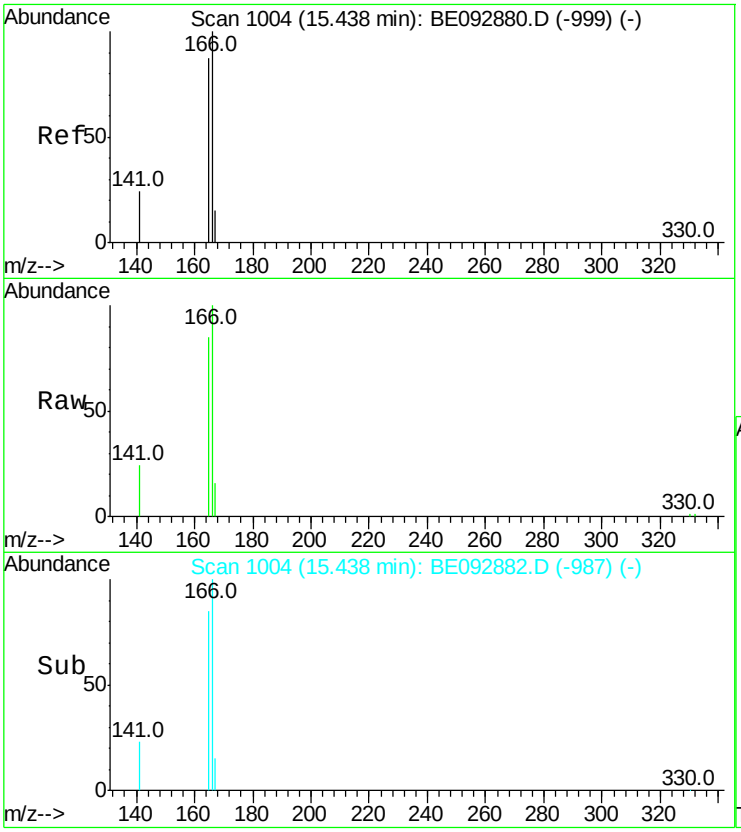


#16
Acenaphthene
Concen: 1.63 ng
RT: 14.45 min Scan# 936
Delta R.T. -0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Tgt Ion:154 Resp: 7553

Ion	Ratio	Lower	Upper
154	100		
153	444.8	350.8	526.2
152	221.7	171.1	256.7



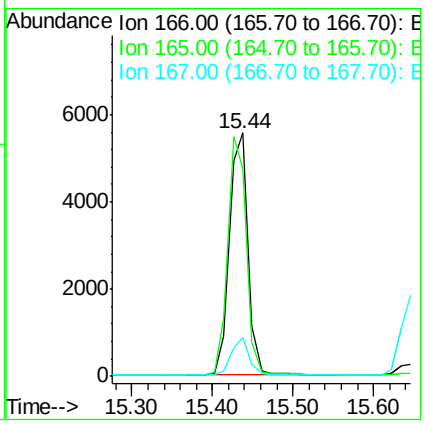


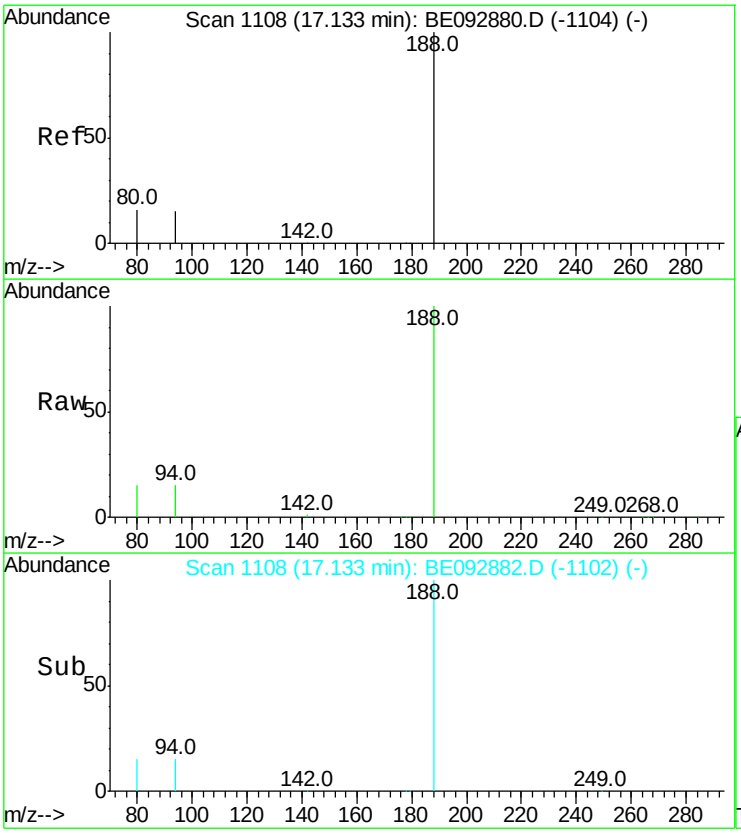
#17
Fluorene
Concen: 1.58 ng
RT: 15.44 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:166 Resp: 8730

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.2	117.4
167	14.4	11.0	16.4

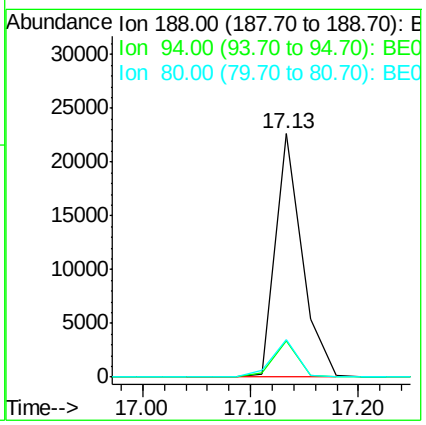


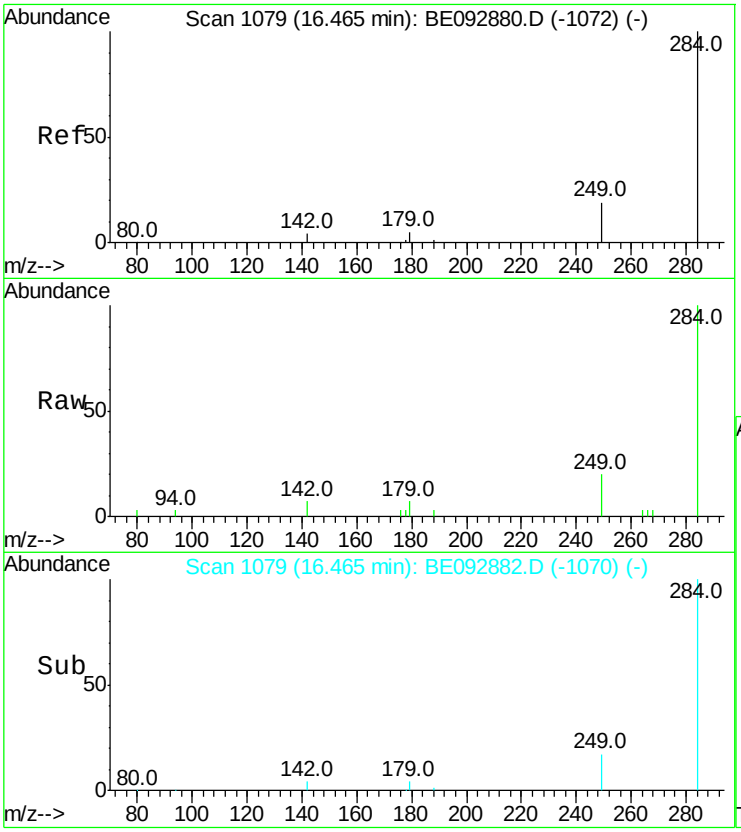


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.13 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Tgt Ion:188 Resp: 39016

Ion	Ratio	Lower	Upper
188	100		
94	14.8	3.2	4.8#
80	15.3	2.6	3.8#



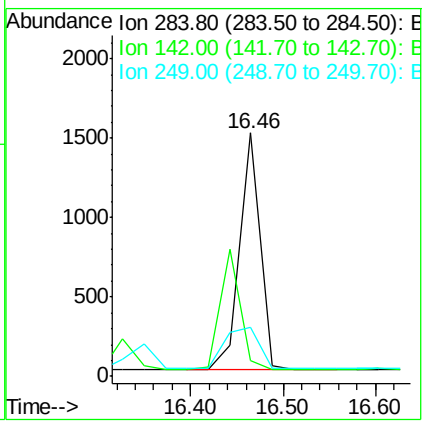


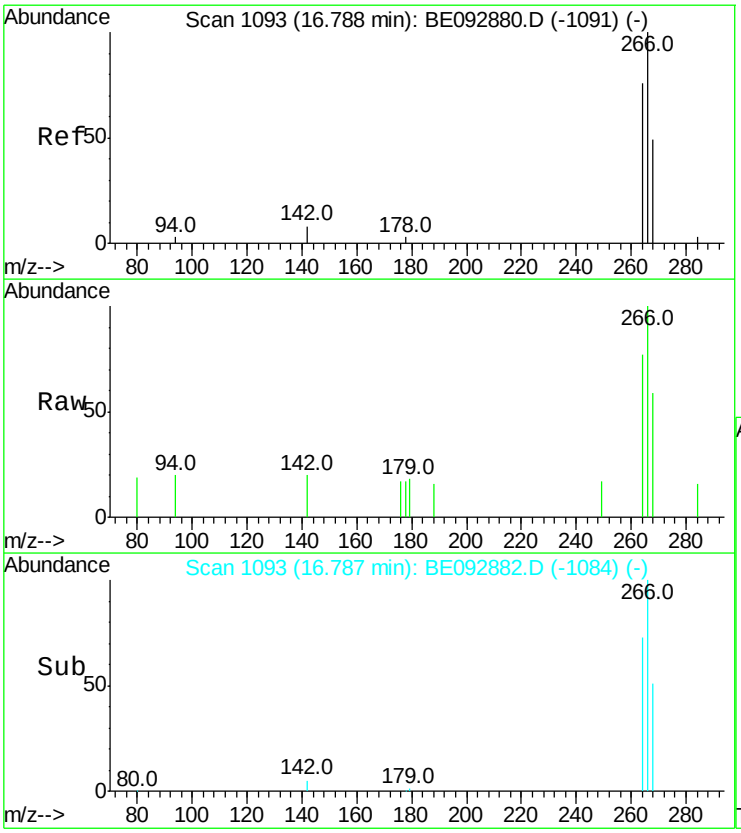
#19
Hexachlorobenzene
Concen: 1.60 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:284 Resp: 2308

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	29.5	27.9	41.9

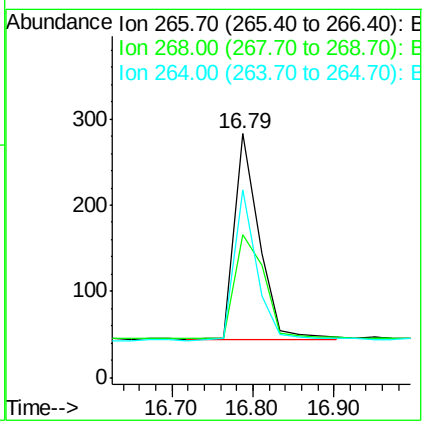


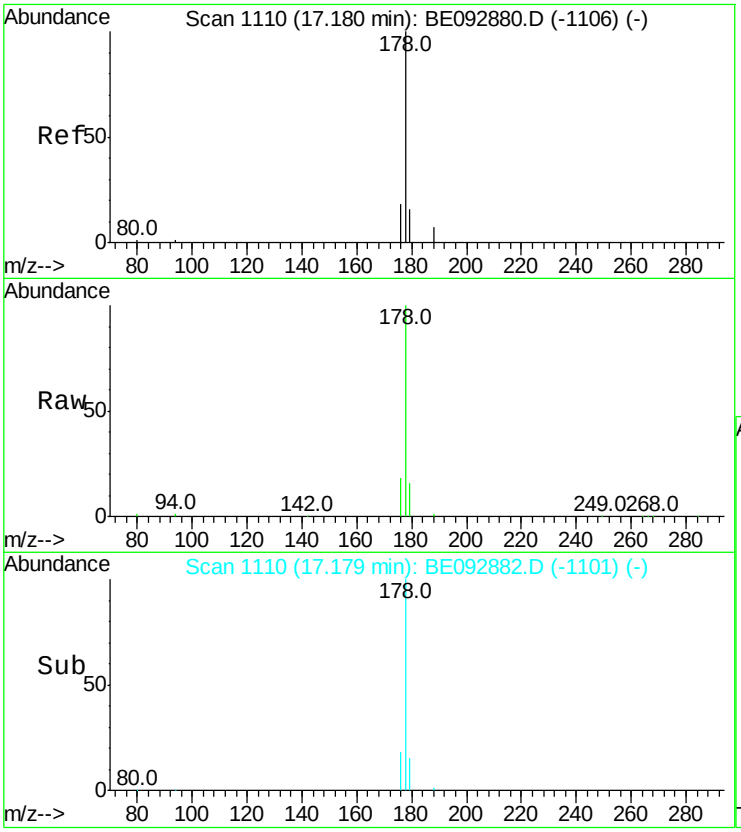


#20
Pentachlorophenol
Concen: 1.34 ng
RT: 16.79 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Tgt Ion:266 Resp: 503

Ion	Ratio	Lower	Upper
266	100		
268	58.7	62.5	93.7#
264	77.0	57.2	85.8



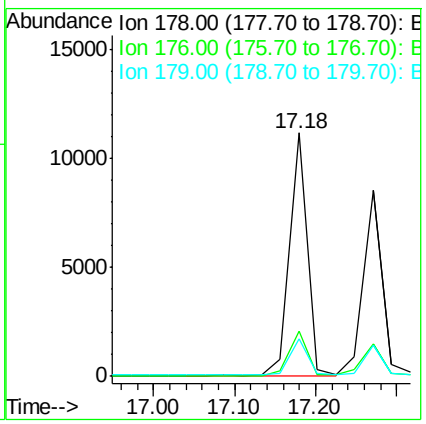


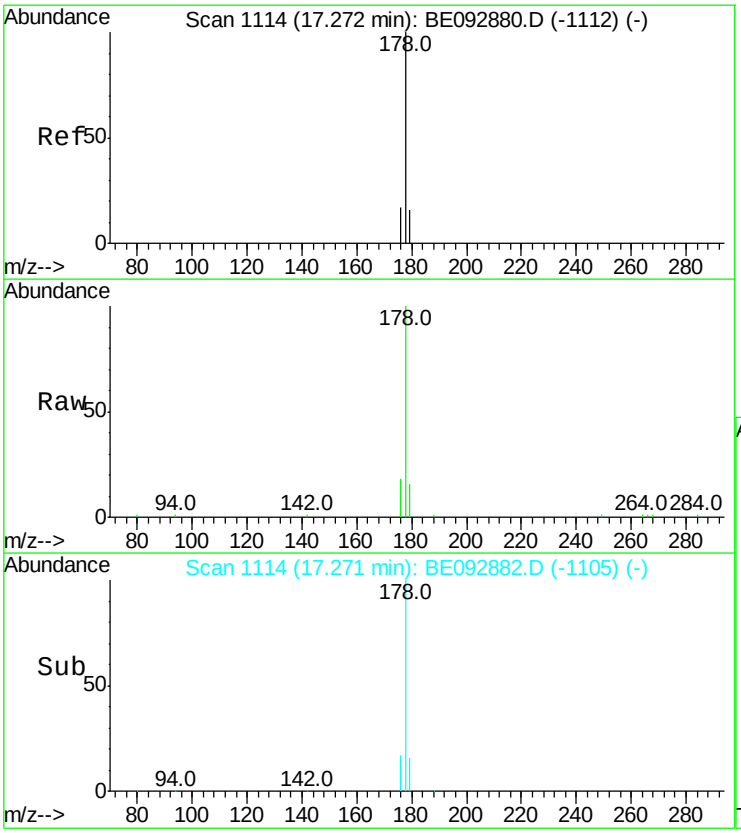
#21
Phenanthrene
Concen: 1.78 ng
RT: 17.18 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 16880

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.3	16.0	24.0#

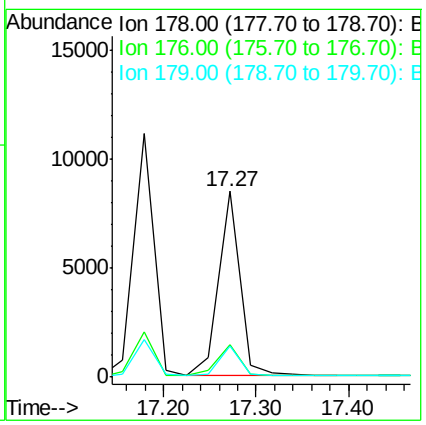


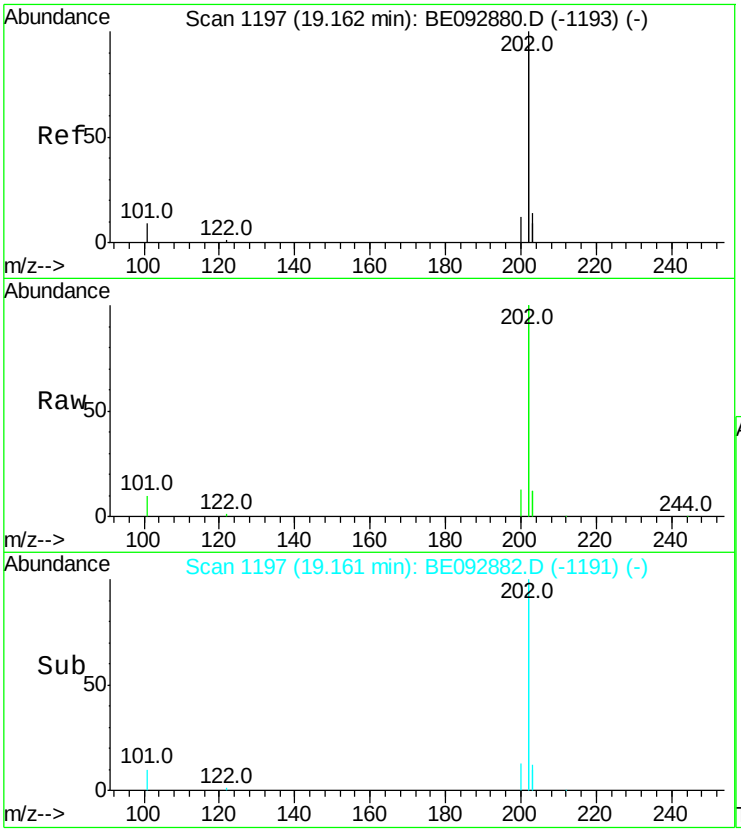


#22
Anthracene
Concen: 1.61 ng
RT: 17.27 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Tgt Ion:178 Resp: 13852

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.0	22.4
179	15.6	12.2	18.2



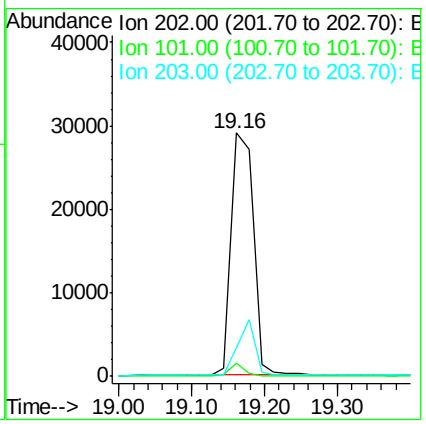


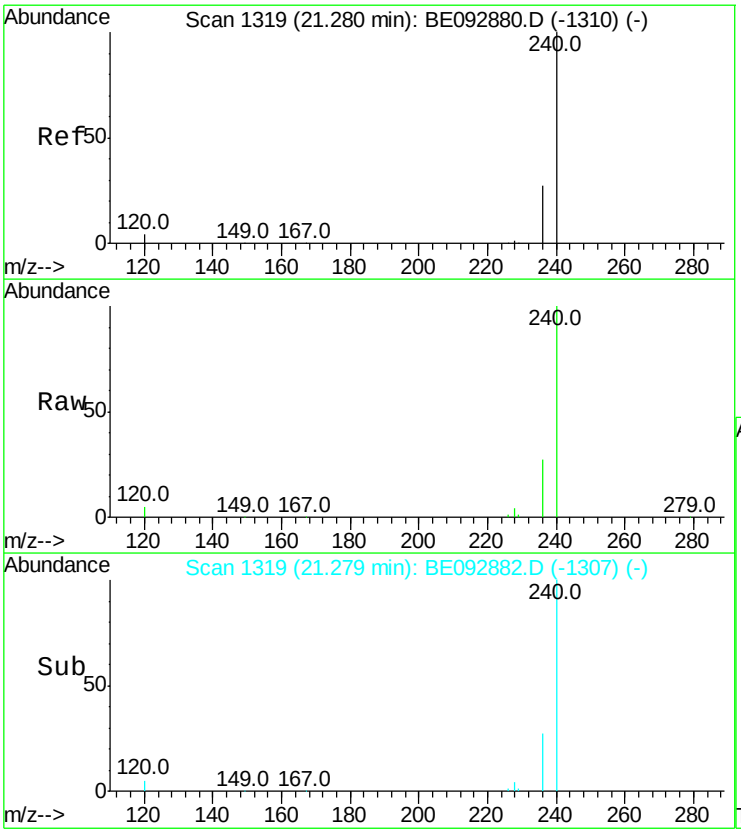
#23
Fluoranthene
Concen: 1.38 ng
RT: 19.16 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:202 Resp: 60309

Ion	Ratio	Lower	Upper
202	100		
101	3.3	2.2	3.4
203	17.8	13.7	20.5

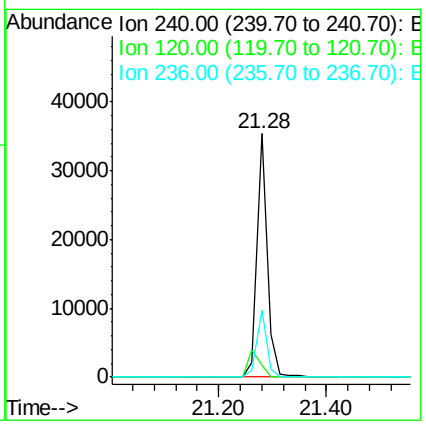


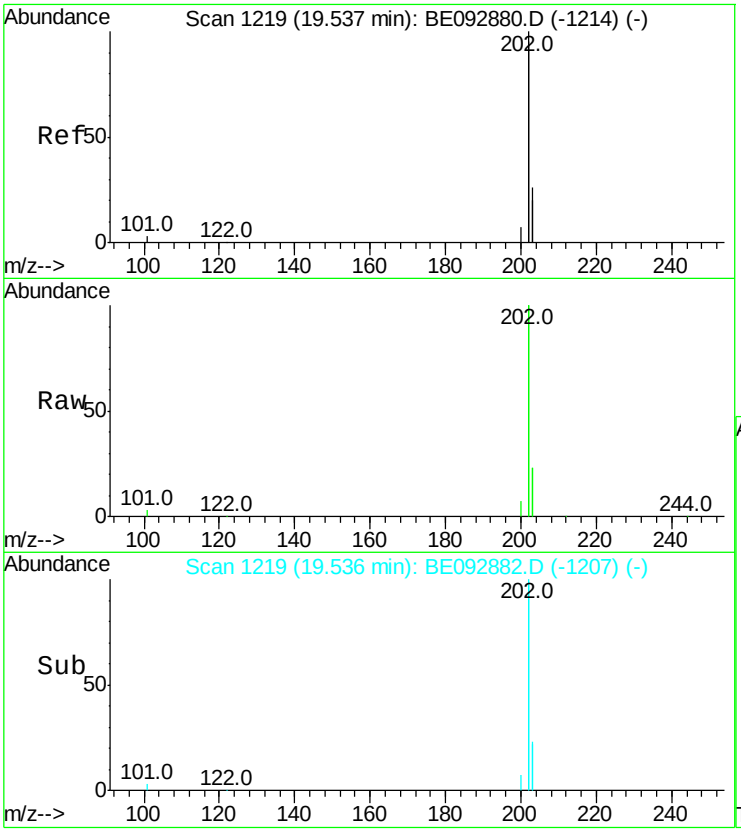


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Tgt Ion:240 Resp: 46382

Ion	Ratio	Lower	Upper
240	100		
120	5.1	2.6	4.0#
236	27.5	24.6	37.0



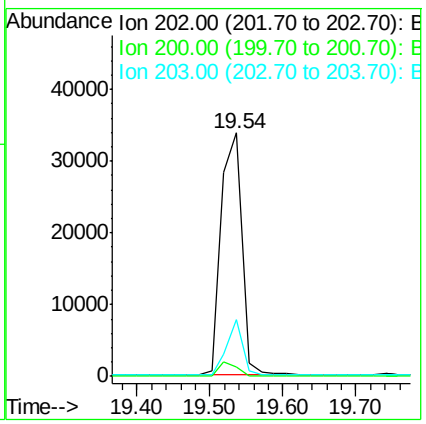


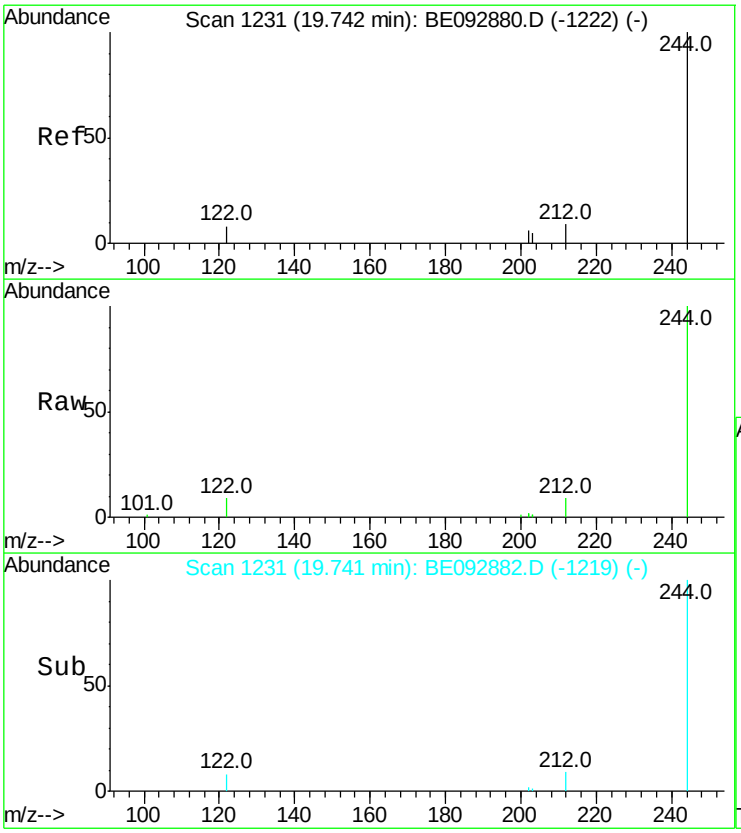
#25
Pyrene
Concen: 1.45 ng
RT: 19.54 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:202 Resp: 66773

Ion	Ratio	Lower	Upper
202	100		
200	5.1	4.2	6.4
203	17.8	13.9	20.9

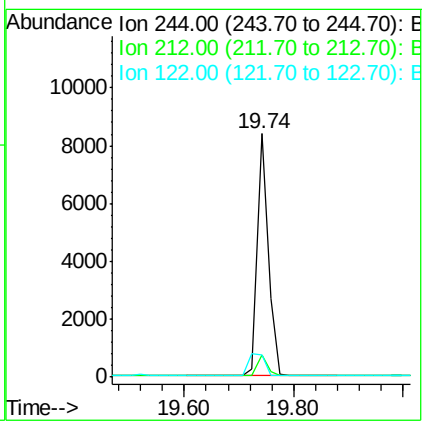


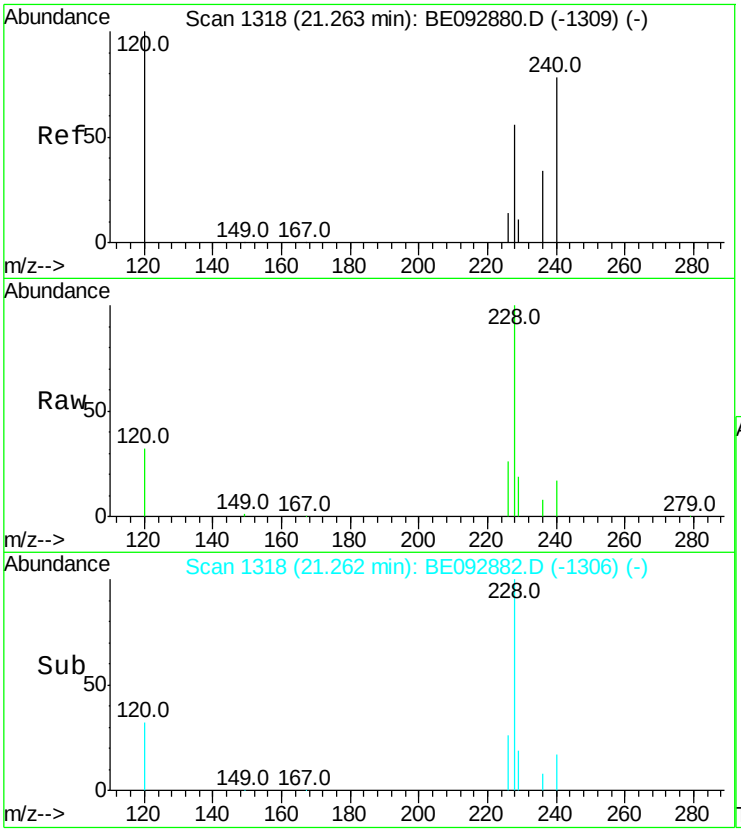


#26
Terphenyl-d14
Concen: 1.46 ng
RT: 19.74 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Tgt Ion:244 Resp: 11727

Ion	Ratio	Lower	Upper
244	100		
212	9.3	6.7	10.1
122	9.1	3.6	5.4#



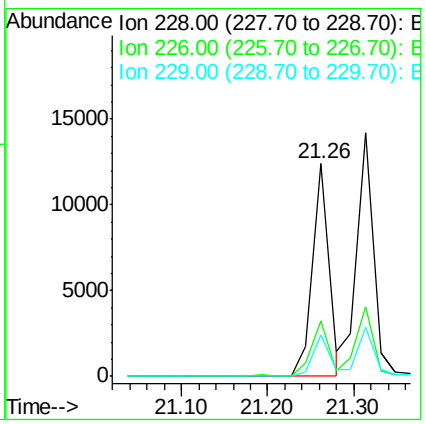


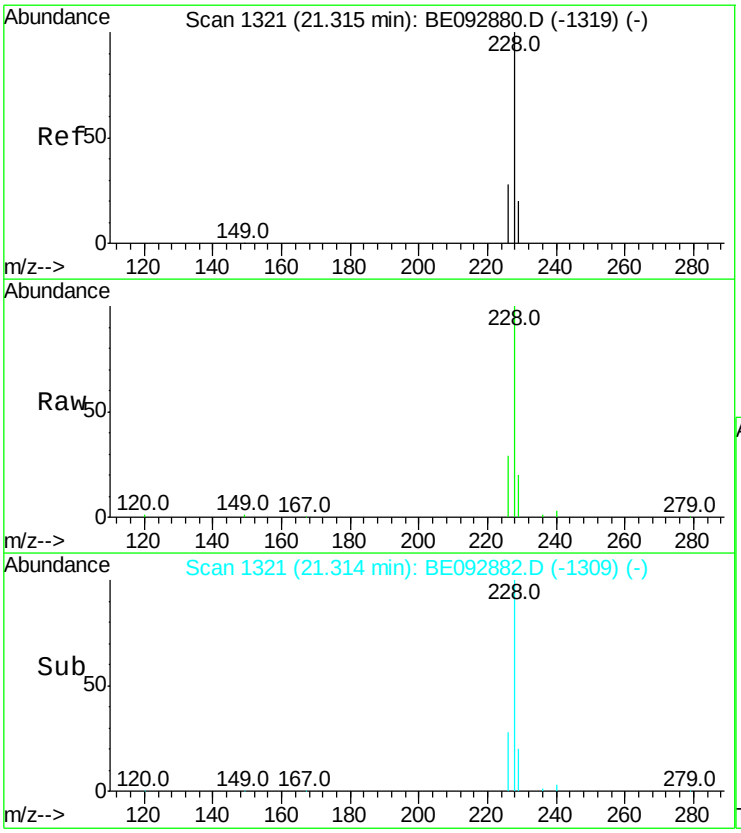
#27
Benzo(a)anthracene
Concen: 1.46 ng
RT: 21.26 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 16093

Ion	Ratio	Lower	Upper
228	100		
226	26.0	23.6	35.4
229	19.5	13.3	19.9

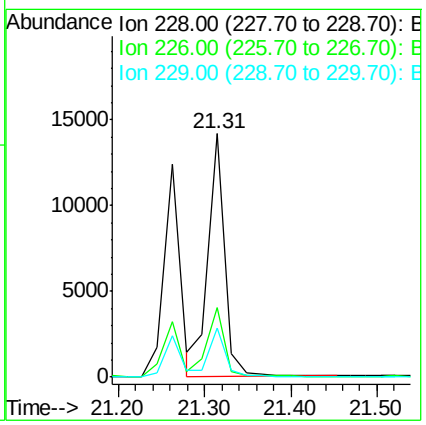


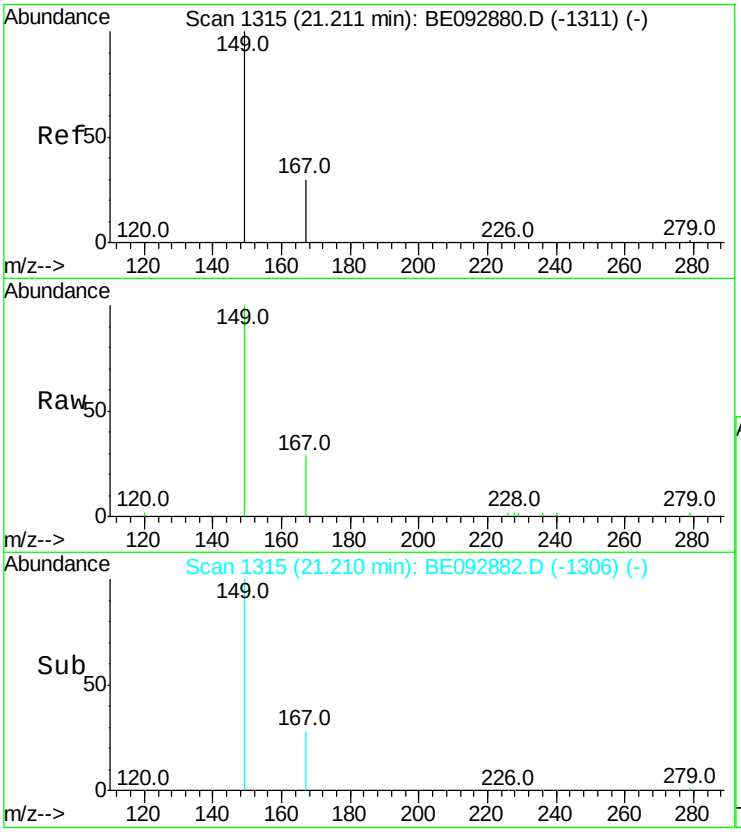


#28
Chrysene
Concen: 1.63 ng
RT: 21.31 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Tgt Ion:228 Resp: 18921

Ion	Ratio	Lower	Upper
228	100		
226	28.6	36.3	54.5#
229	20.1	10.6	16.0#



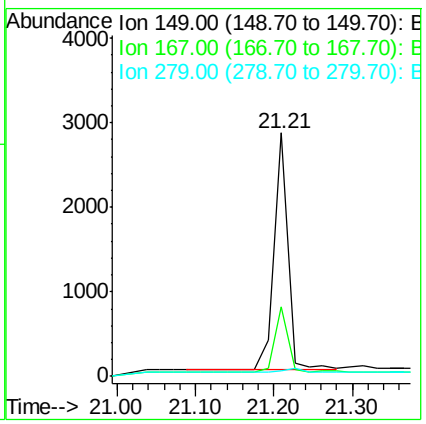


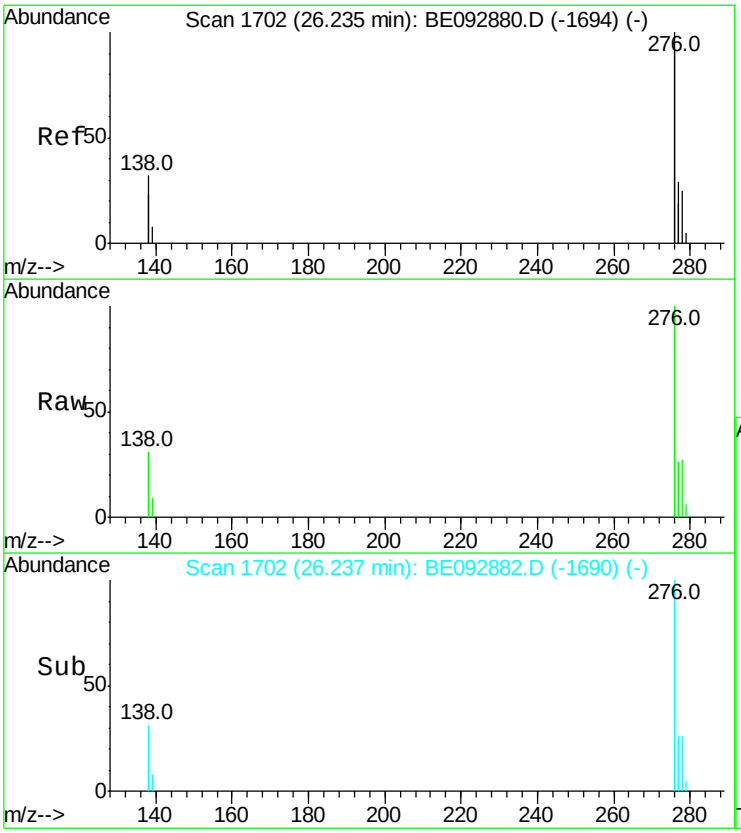
#29
Bis(2-ethylhexyl)phthalate
Concen: 1.02 ng
RT: 21.21 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:149 Resp: 3430

Ion	Ratio	Lower	Upper
149	100		
167	27.1	16.0	24.0#
279	2.3	16.0	24.0#

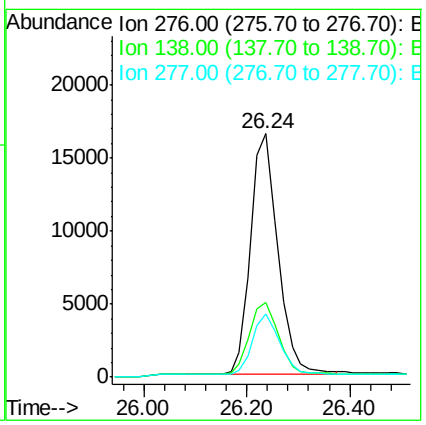


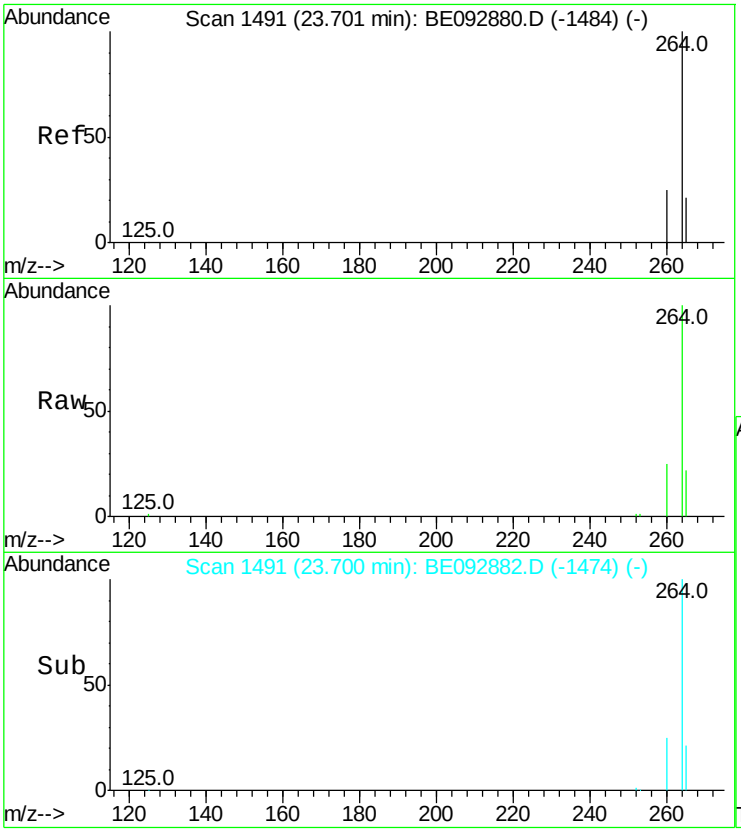


#30
Indeno(1,2,3-cd)pyrene
Concen: 1.38 ng
RT: 26.24 min Scan# 1702
Delta R.T. 0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Tgt Ion:276 Resp: 60358

Ion	Ratio	Lower	Upper
276	100		
138	31.9	20.3	30.5#
277	25.1	19.7	29.5



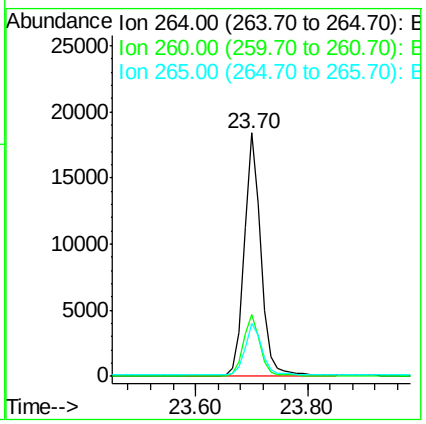


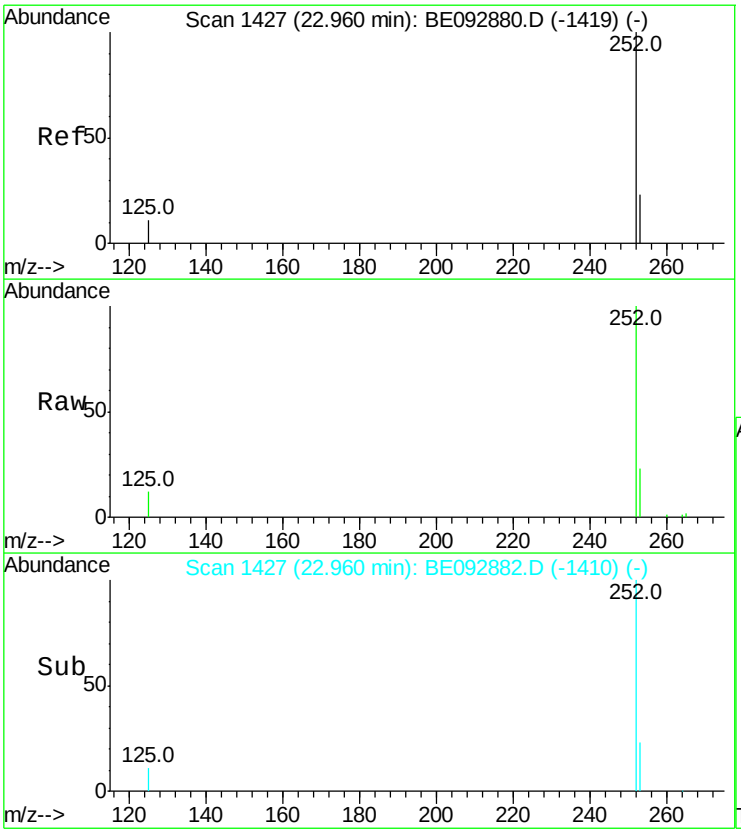
#31
Perylene-d12
Concen: 5.00 ng
RT: 23.70 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:264 Resp: 38075

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.1	30.1
265	21.7	17.9	26.9

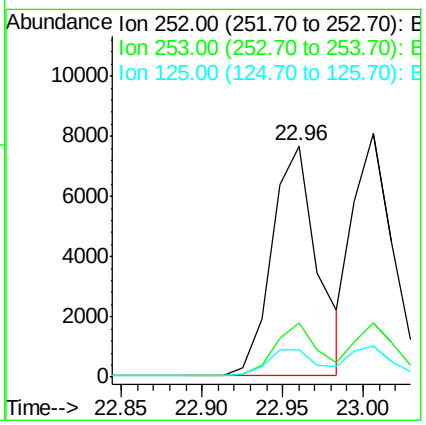


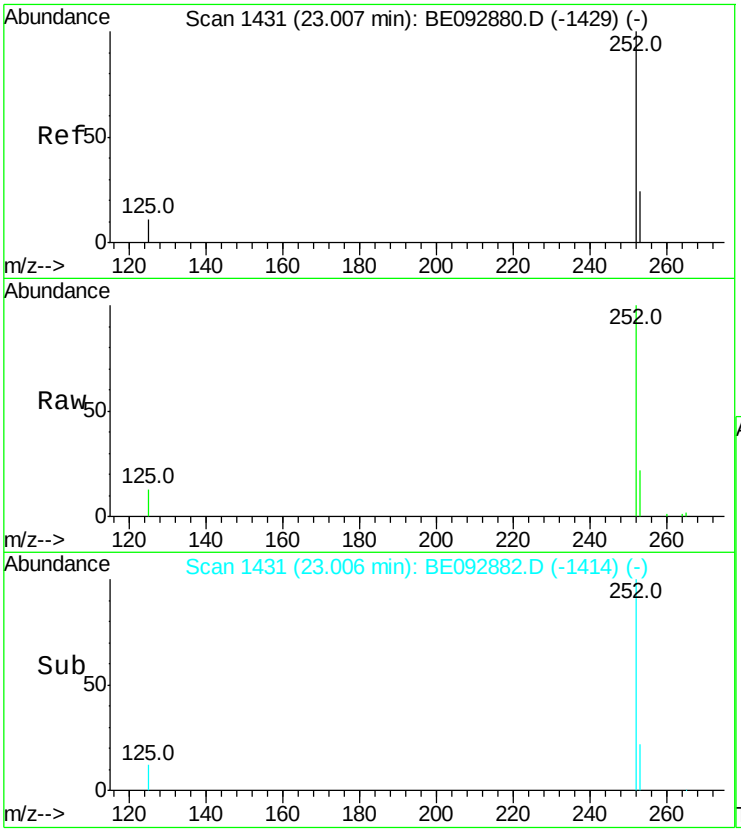


#32
Benzo(b)fluoranthene
Concen: 1.49 ng
RT: 22.96 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Tgt Ion:252 Resp: 15062

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.7	28.1
125	12.0	10.5	15.7



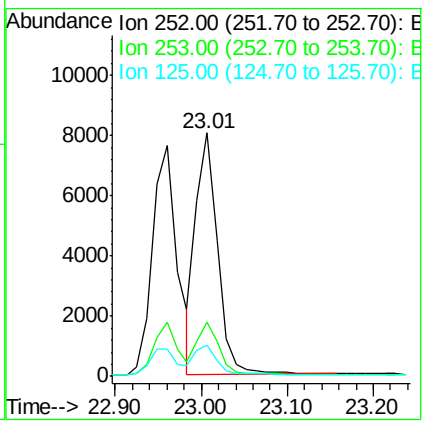


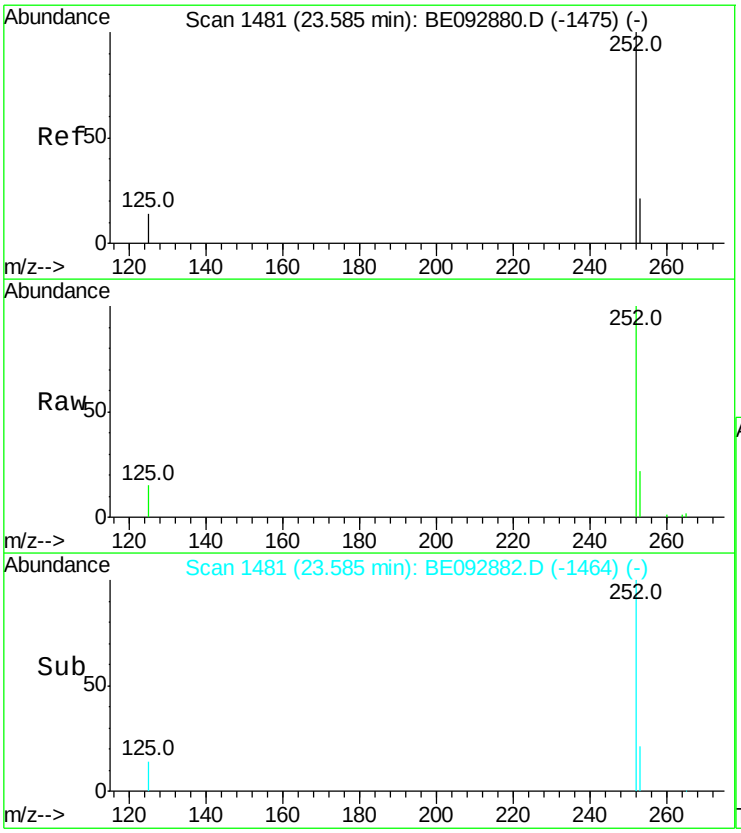
#33
Benzo(k)fluoranthene
Concen: 1.55 ng
RT: 23.01 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 14060

Ion	Ratio	Lower	Upper
252	100		
253	22.3	20.3	30.5
125	12.6	9.6	14.4

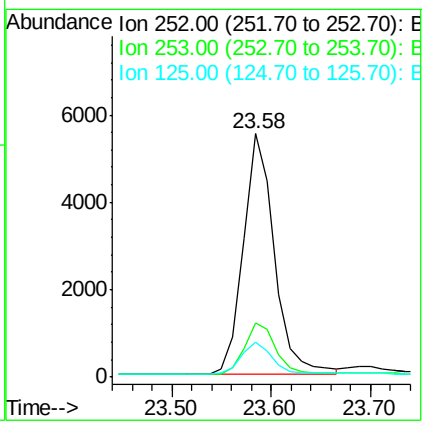


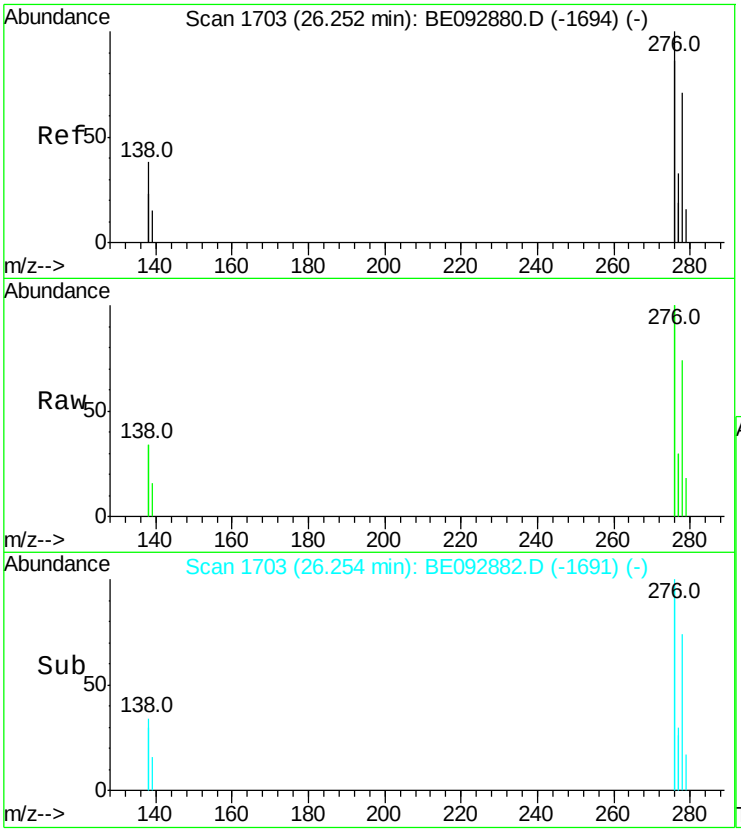


#34
Benzo(a)pyrene
Concen: 1.42 ng
RT: 23.58 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Tgt Ion:252 Resp: 11936

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.0	28.6
125	14.6	11.8	17.8



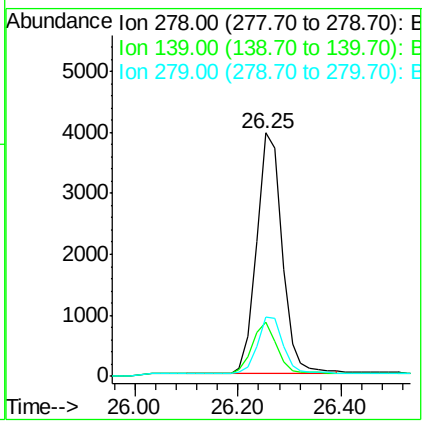


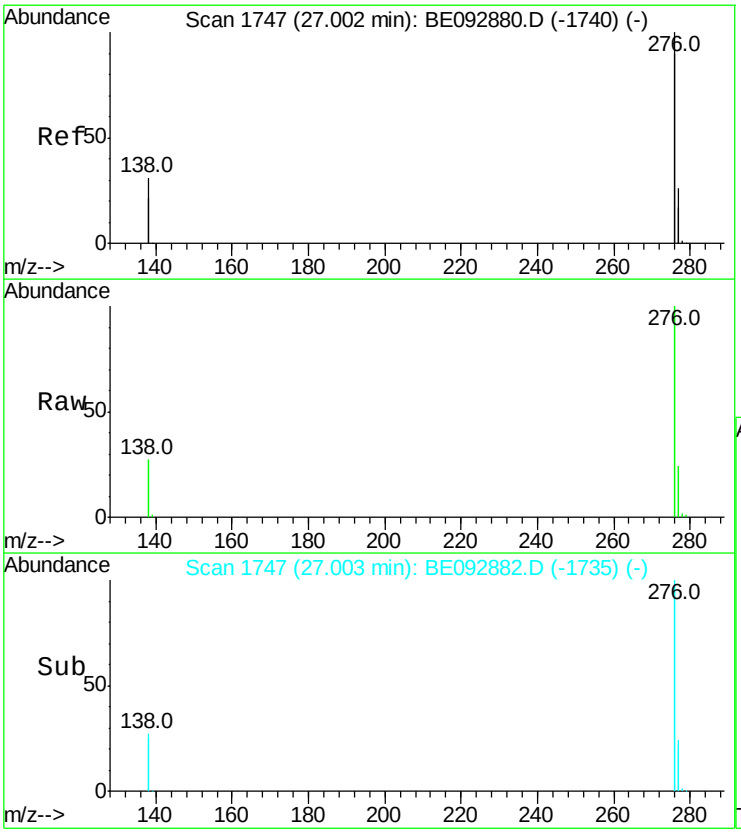
#35
Dibenzo(a,h)anthracene
Concen: 1.51 ng
RT: 26.25 min Scan# 1703
Delta R.T. 0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:278 Resp: 13454

Ion	Ratio	Lower	Upper
278	100		
139	22.1	13.8	20.8#
279	24.1	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 1.47 ng
RT: 27.00 min Scan# 1747
Delta R.T. 0.00 min
Lab File: BE092882.D
Acq: 4 Apr 2017 13:32

Tgt Ion:276 Resp: 54264

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.8	29.8
138	27.2	19.8	29.6