Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040417\
Data File : BE092883.D
Acq On : 4 Apr 2017 14:08
Operator : SJ/MA
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Quant Time: Apr 04 15:14:56 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	7818	5.00	ng		0.00
7) Naphthalene-d8	10.53	136	34839	5.00	ng		-0.02
12) Acenaphthene-d10	14.40	164	17477	5.00	ng		0.02
18) Phenanthrene-d10	17.13	188	41506	5.00	ng		0.00
24) Chrysene-d12	21.28	240	49735	5.00	ng		0.00
31) Perylene-d12	23.70	264	38938	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	5081	2.79	ng		0.00
5) Phenol-d6	6.94	99	7627	2.86	ng		0.00
8) Nitrobenzene-d5	8.90	82	6624	3.31	ng		0.00
13) 2,4,6-Tribromophenol	15.88	330	886	3.25	ng		0.01
14) 2-Fluorobiphenyl	13.02	172	18713	3.25	ng		0.00
26) Terphenyl-d14	19.74	244	26102	3.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	3129	2.99	ng		96
3) n-Nitrosodimethylamine	3.60	42	3510	3.25	ng		84
6) bis(2-Chloroethyl)ether	7.20	93	8419	3.31	ng	#	51
9) Naphthalene	10.58	128	24528	3.22	ng		95
10) Hexachlorobutadiene	10.89	225	3309	3.24	ng		99
11) 2-Methylnaphthalene	12.20	142	15643	3.23	ng		96
15) Acenaphthylene	14.09	152	93360	3.48	ng		100
16) Acenaphthene	14.45	154	16068	3.36	ng		99
17) Fluorene	15.44	166	18833	3.31	ng		99
19) Hexachlorobenzene	16.47	284	4831	3.14	ng	#	66
20) Pentachlorophenol	16.79	266	1144	2.87	ng	#	83
21) Phenanthrene	17.18	178	33939	3.36	ng	#	94
22) Anthracene	17.27	178	29567	3.22	ng		98
23) Fluoranthene	19.16	202	134069	2.89	ng		99
25) Pyrene	19.54	202	148860	3.01	ng		99
27) Benzo(a)anthracene	21.26	228	36194	3.07	ng	#	92
28) Chrysene	21.31	228	33704	2.71	ng	#	75
29) Bis(2-ethylhexyl)phthalate	21.21	149	10098	2.81	ng	#	73
30) Indeno(1,2,3-cd)pyrene	26.24	276	135539	2.90	ng	#	93
32) Benzo(b)fluoranthene	22.96	252	33164	3.20	ng		98
33) Benzo(k)fluoranthene	23.01	252	31695	3.41	ng		96
34) Benzo(a)pyrene	23.58	252	27761	3.24	ng		96
35) Dibenzo(a,h)anthracene	26.27	278	29919	3.28	ng		96
36) Benzo(g,h,i)perylene	27.00	276	120119	3.18	ng		93

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

Quantitation Report (Not Reviewed)

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Acq On : 4 Apr 2017 14:08
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Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Quant Time: Apr 04 15:14:56 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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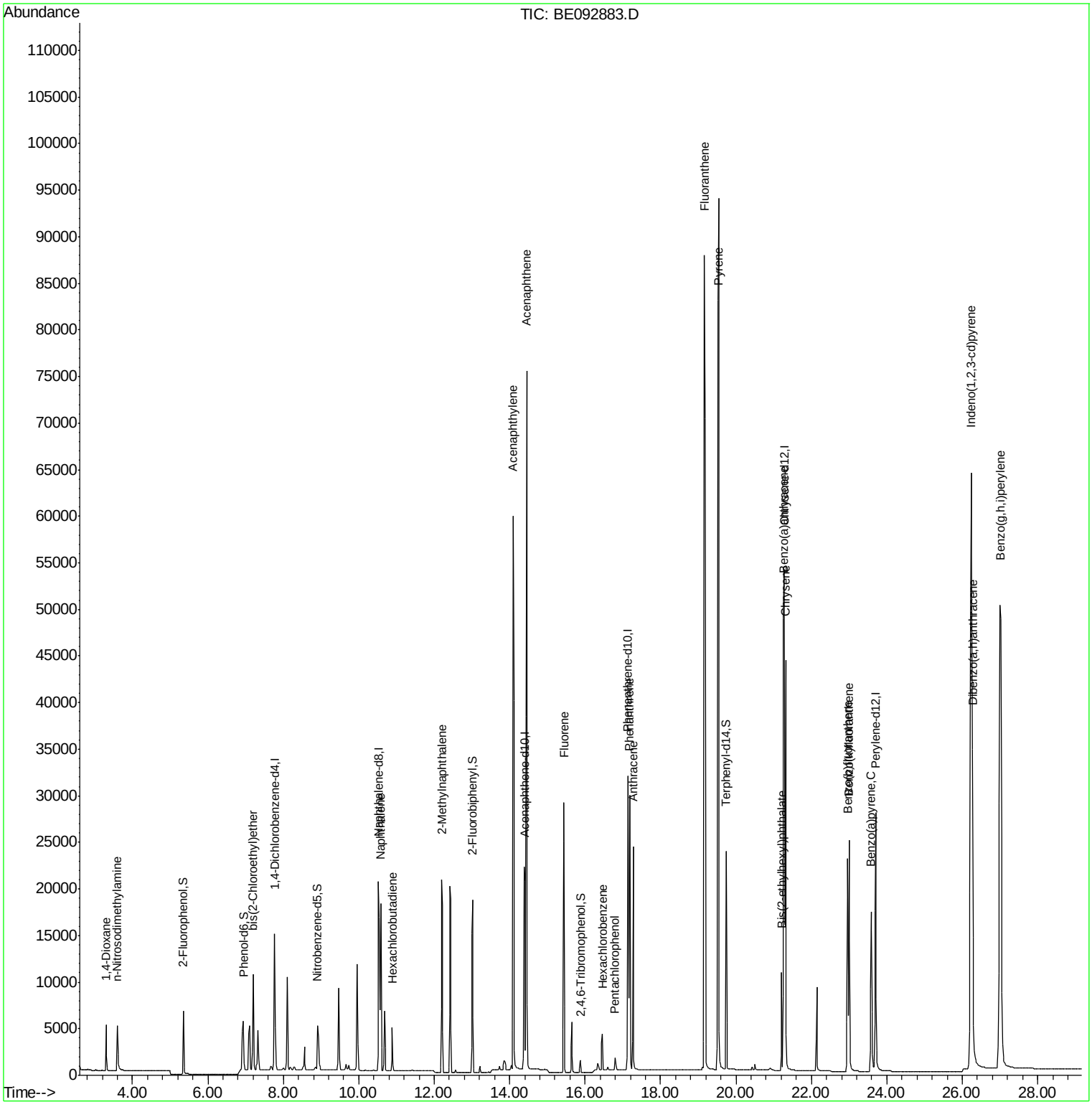
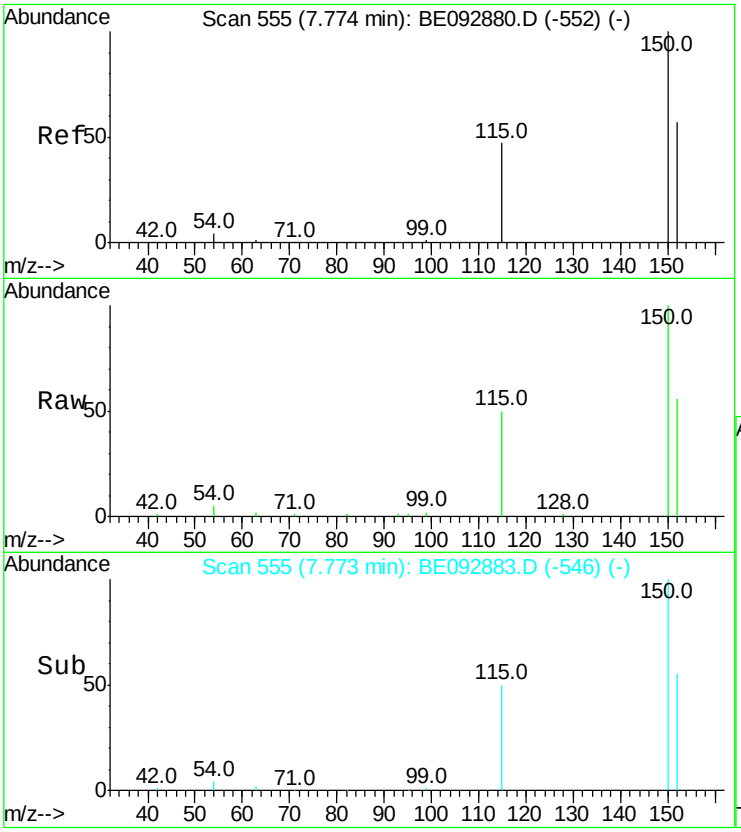


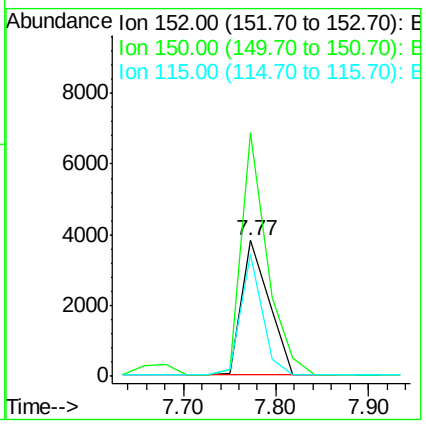


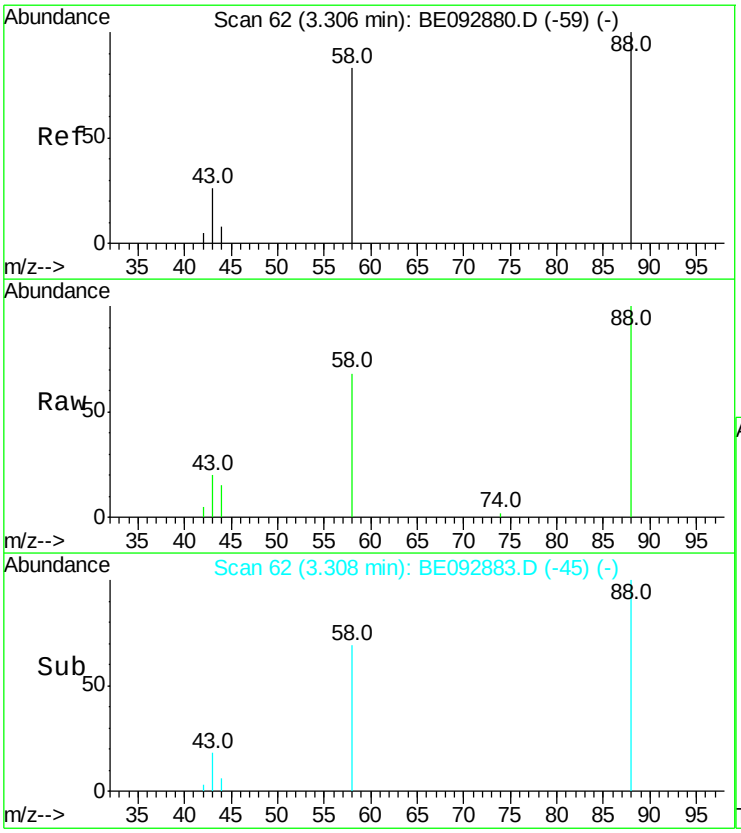
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.77 min Scan# 555
Delta R.T. -0.00 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 7818

Ion	Ratio	Lower	Upper
152	100		
150	179.4	106.0	159.0#
115	89.8	31.2	46.8#

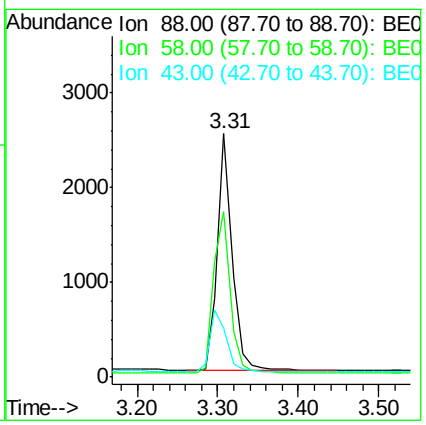


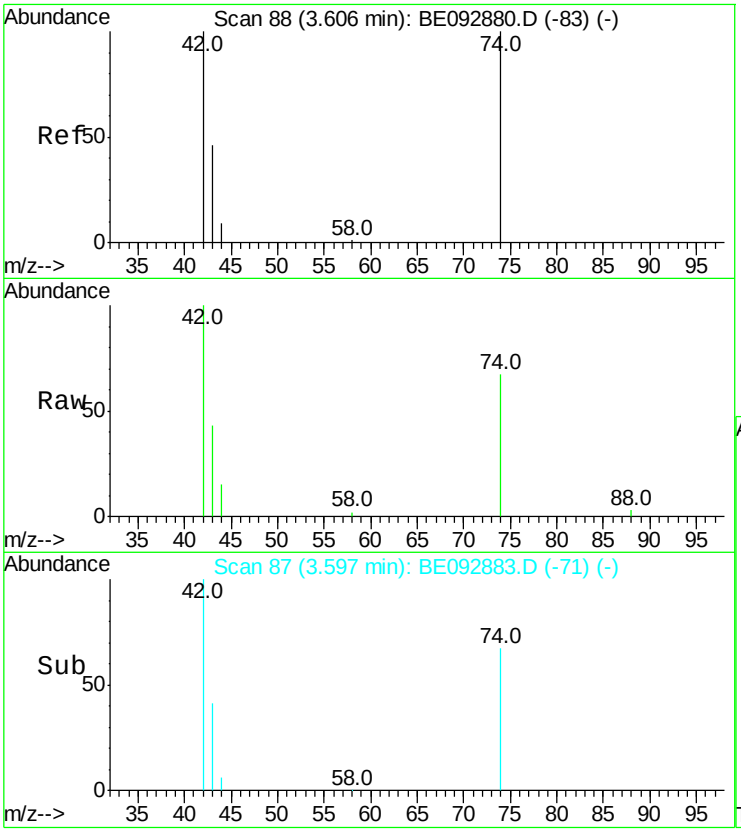


#2
1,4-Dioxane
Concen: 2.99 ng
RT: 3.31 min Scan# 62
Delta R.T. 0.00 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Tgt Ion: 88 Resp: 3129

Ion	Ratio	Lower	Upper
88	100		
58	77.9	63.6	95.4
43	29.1	28.0	42.0



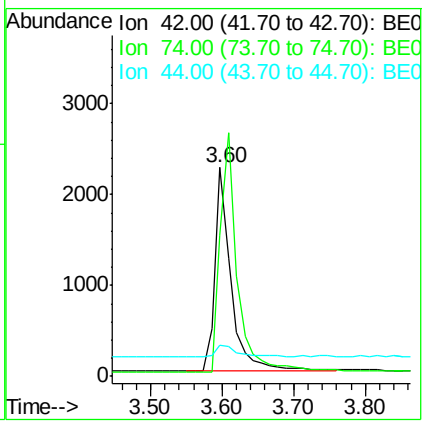


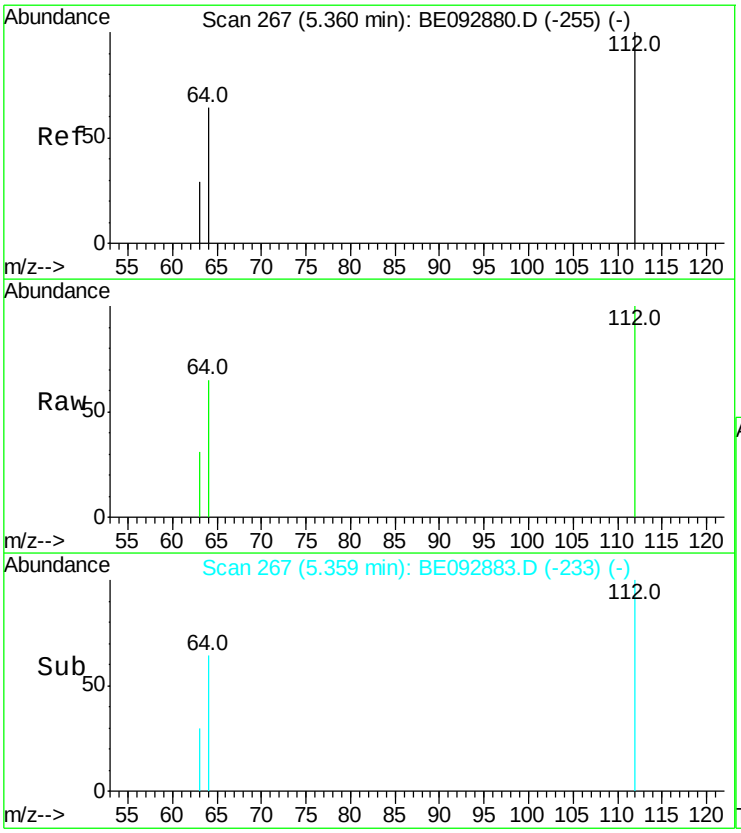
#3
n-Nitrosodimethylamine
Concen: 3.25 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.01 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 3510

Ion	Ratio	Lower	Upper
42	100		
74	125.0	86.0	129.0
44	7.4	5.1	7.7

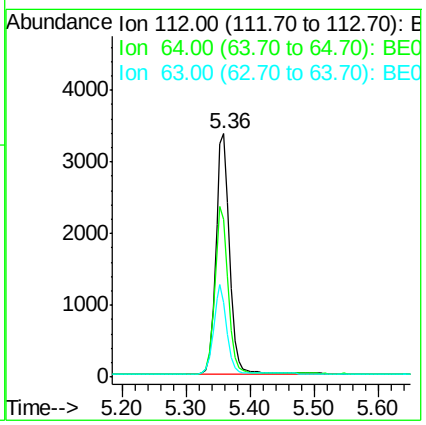


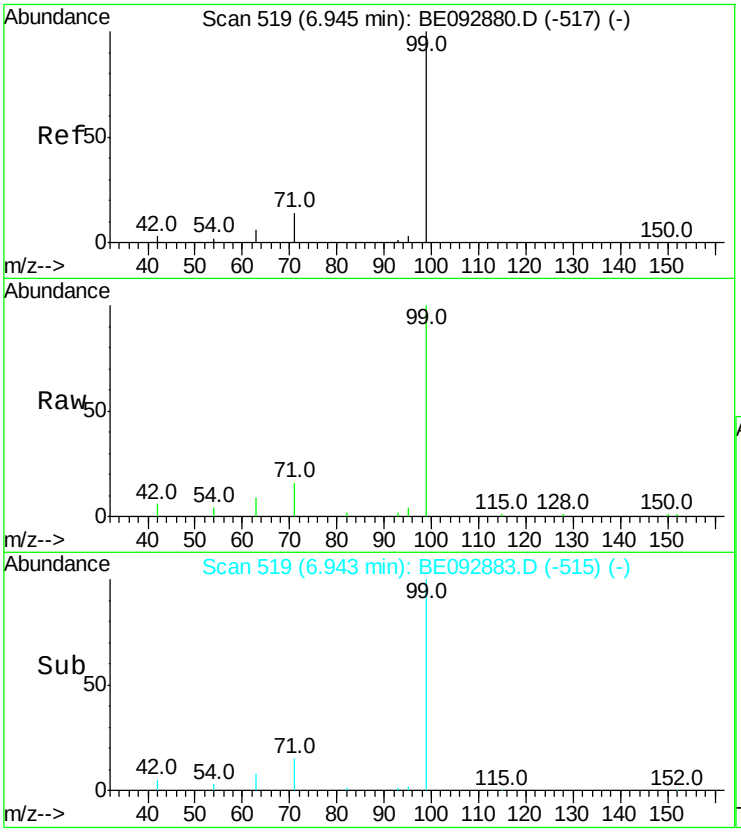


#4
2-Fluorophenol
Concen: 2.79 ng
RT: 5.36 min Scan# 267
Delta R.T. -0.00 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Tgt Ion:112 Resp: 5081

Ion	Ratio	Lower	Upper
112	100		
64	68.8	53.5	80.3
63	35.7	27.9	41.9



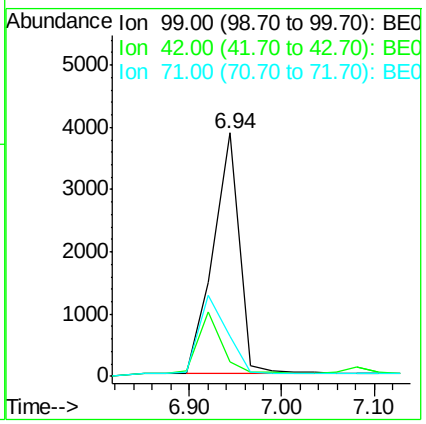


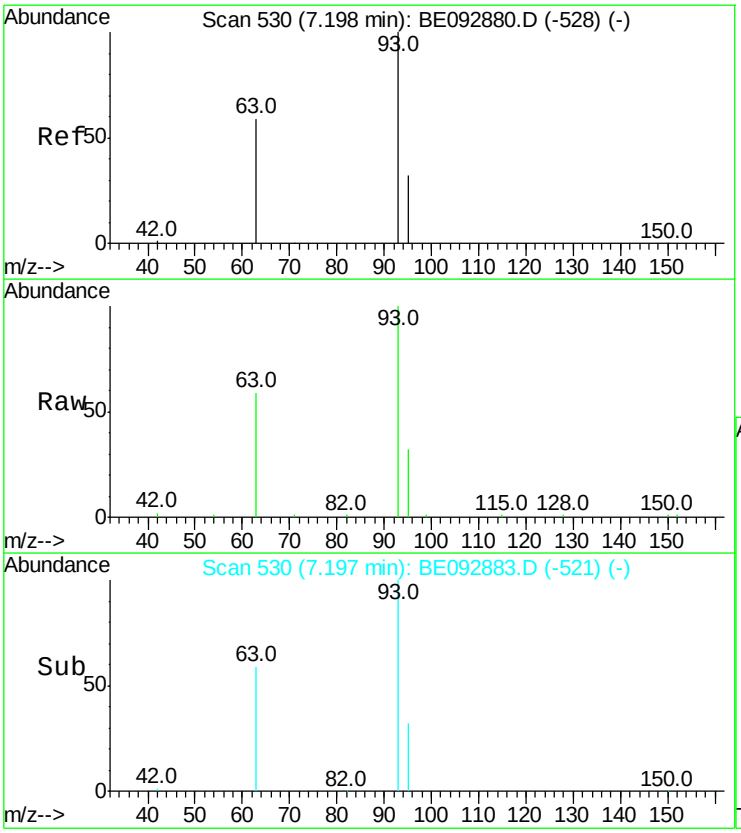
#5
Phenol-d6
Concen: 2.86 ng
RT: 6.94 min Scan# 519
Delta R.T. -0.00 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 7627

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

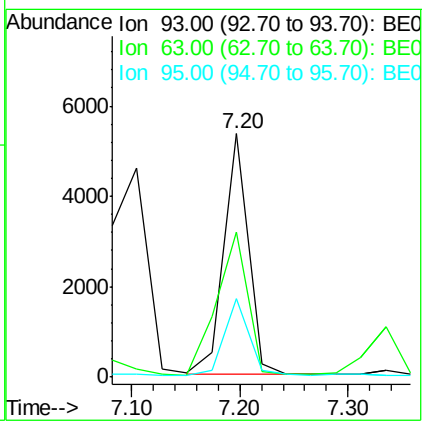


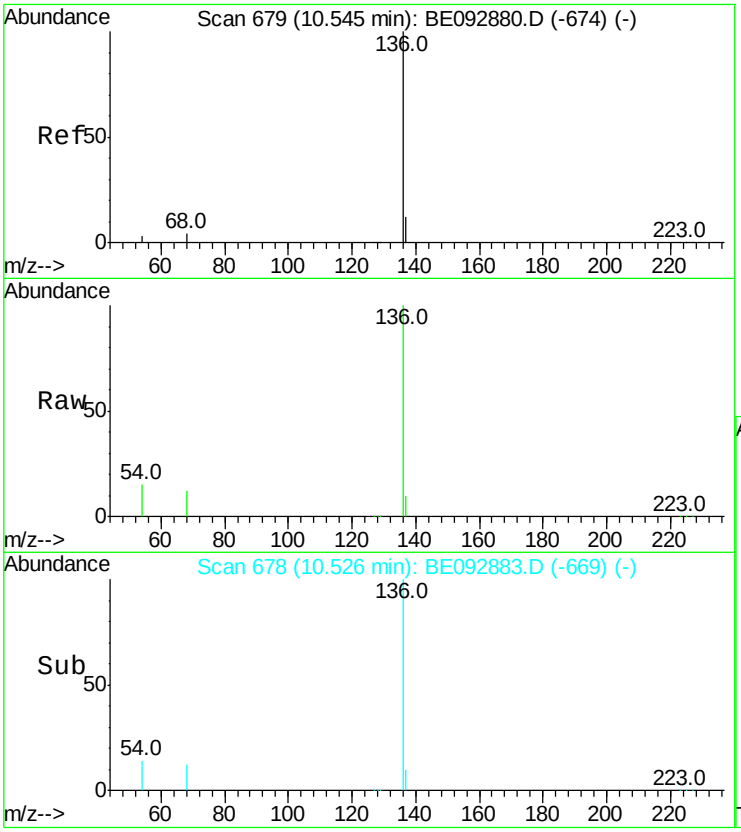


#6
bis(2-Chloroethyl)ether
Concen: 3.31 ng
RT: 7.20 min Scan# 530
Delta R.T. -0.00 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Tgt Ion: 93 Resp: 8419

Ion	Ratio	Lower	Upper
93	100		
63	74.0	16.0	24.0#
95	31.6	24.0	36.0



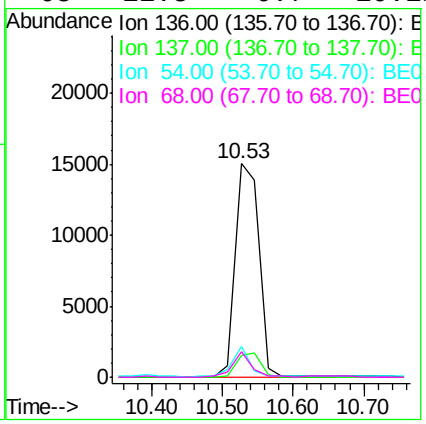


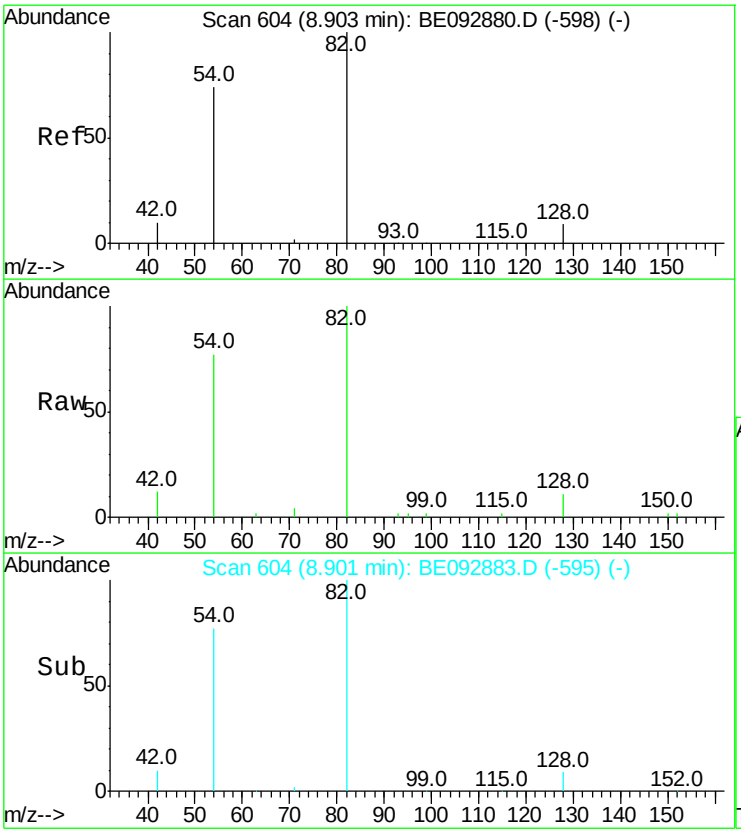
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.53 min Scan# 678
Delta R.T. -0.02 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 34839

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.2	12.4
54	14.5	9.6	14.4#
68	11.8	6.7	10.1#

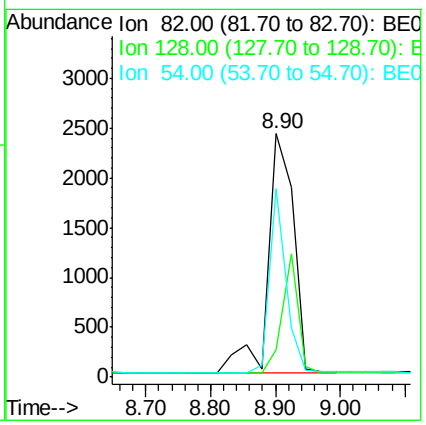


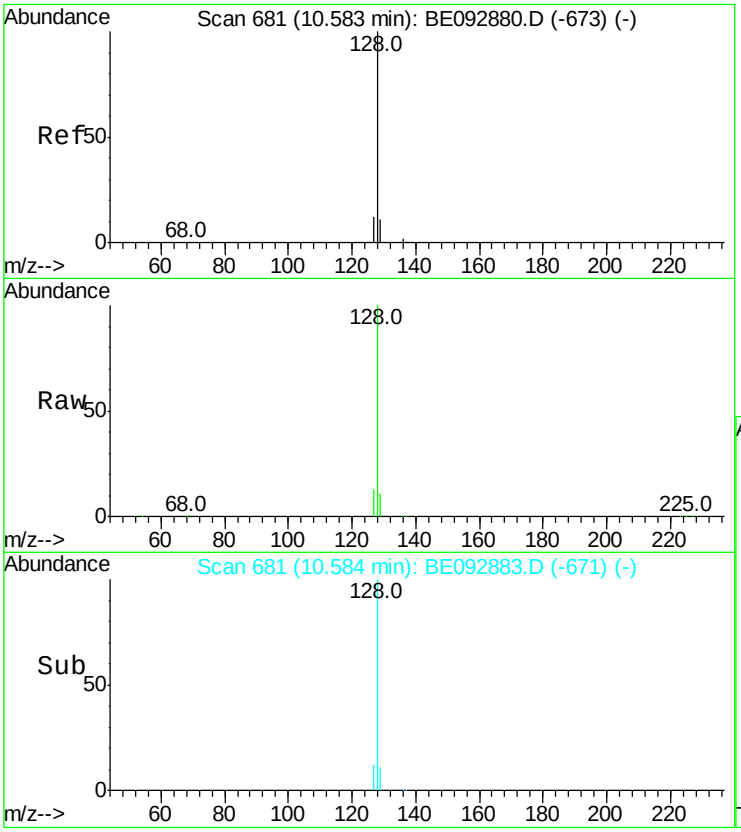


#8
Nitrobenzene-d5
Concen: 3.31 ng
RT: 8.90 min Scan# 604
Delta R.T. -0.00 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Tgt Ion: 82 Resp: 6624

Ion	Ratio	Lower	Upper
82	100		
128	11.0	39.0	58.4#
54	77.3	44.8	67.2#



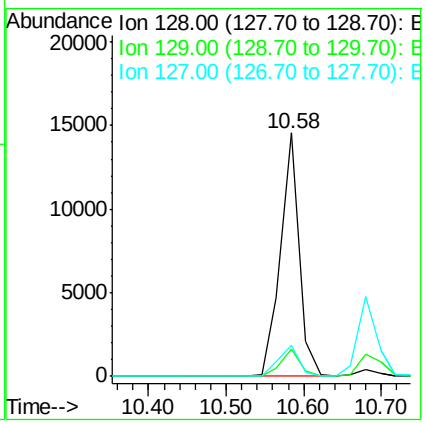


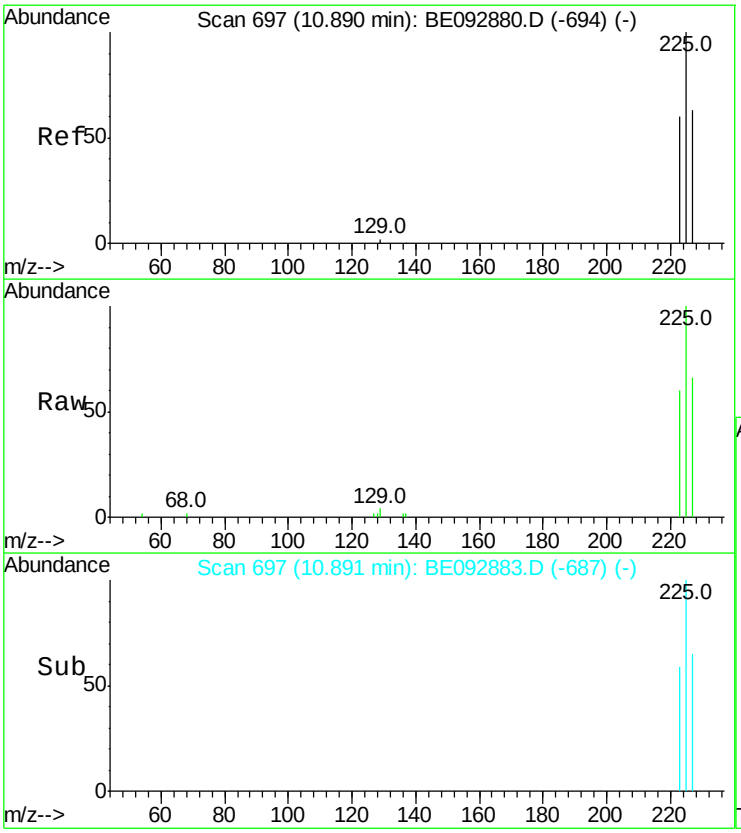
#9
Naphthalene
Concen: 3.22 ng
RT: 10.58 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 24528

Ion	Ratio	Lower	Upper
128	100		
129	11.4	11.2	16.8
127	12.7	11.6	17.4

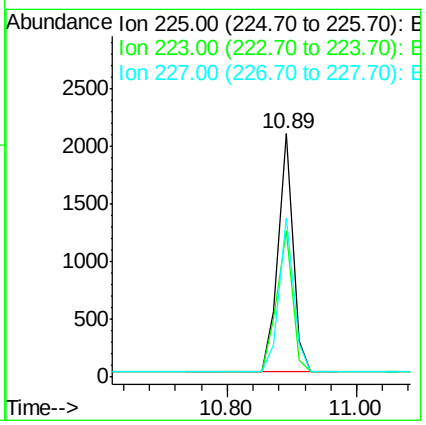


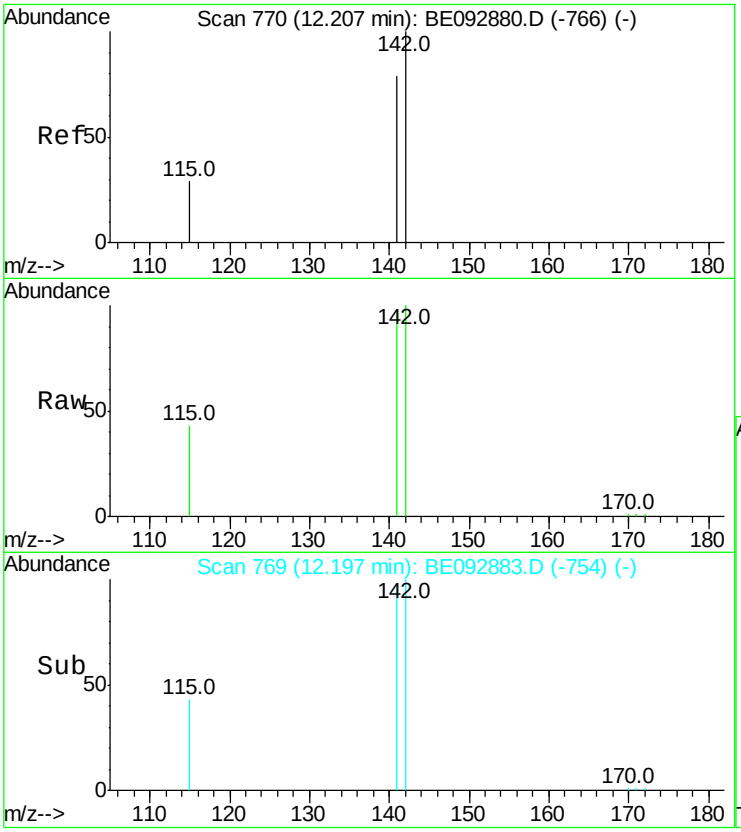


#10
Hexachlorobutadiene
Concen: 3.24 ng
RT: 10.89 min Scan# 697
Delta R.T. 0.00 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Tgt Ion:225 Resp: 3309

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	63.7	51.4	77.0



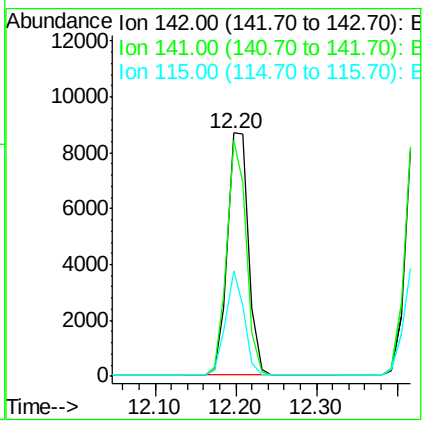


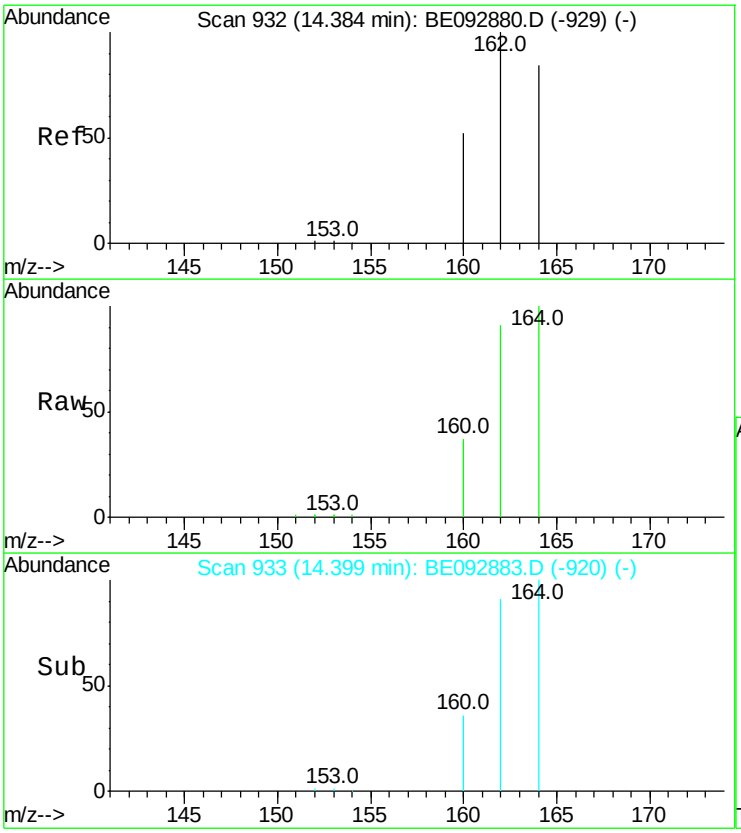
#11
2-Methylnaphthalene
Concen: 3.23 ng
RT: 12.20 min Scan# 769
Delta R.T. -0.01 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:142 Resp: 15643

Ion	Ratio	Lower	Upper
142	100		
141	96.7	73.7	110.5
115	43.3	34.0	51.0

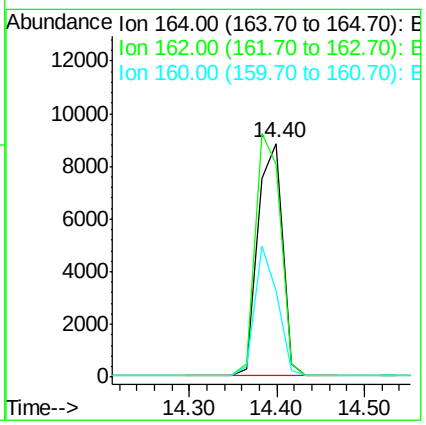


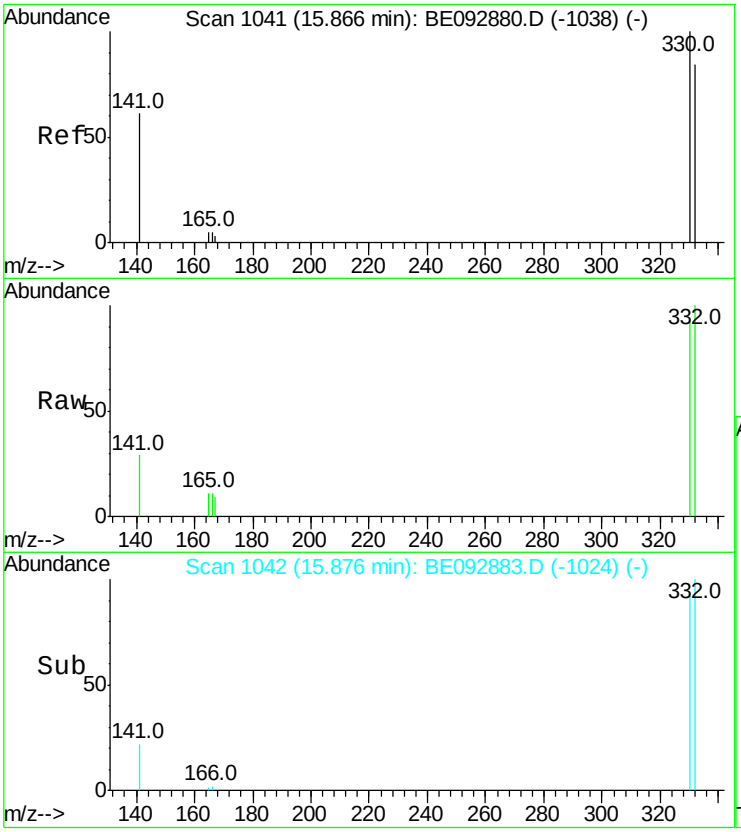


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.40 min Scan# 933
Delta R.T. 0.02 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Tgt Ion:164 Resp: 17477

Ion	Ratio	Lower	Upper
164	100		
162	91.1	71.4	107.0
160	36.6	27.4	41.2



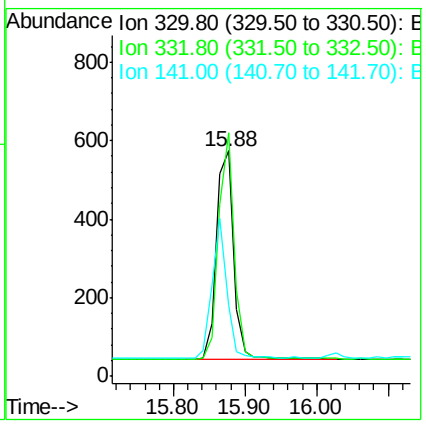


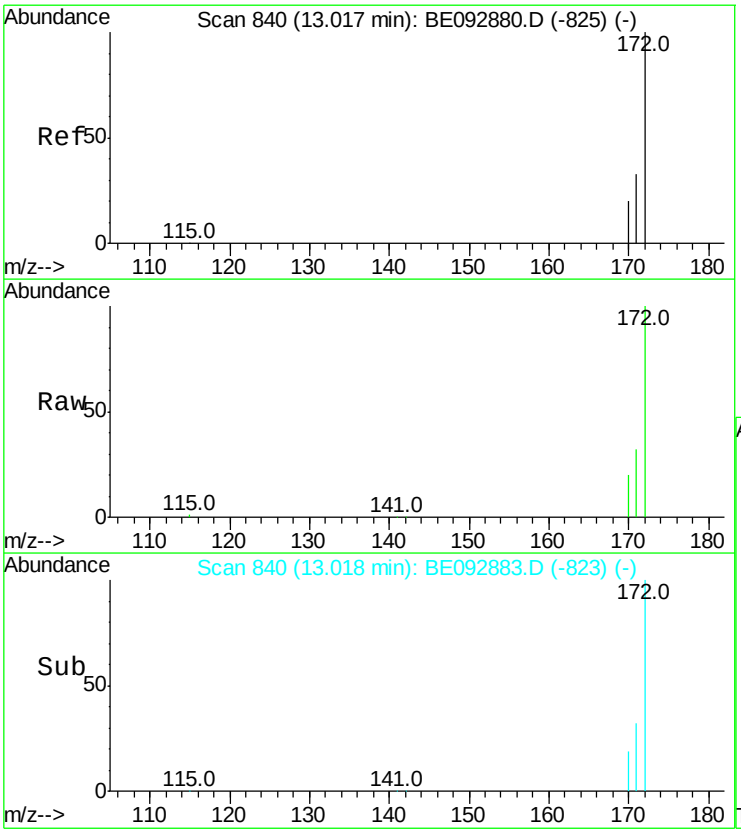
#13
2,4,6-Tribromophenol
Concen: 3.25 ng
RT: 15.88 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:330 Resp: 886

Ion	Ratio	Lower	Upper
330	100		
332	98.4	75.4	113.0
141	57.4	31.0	46.6#

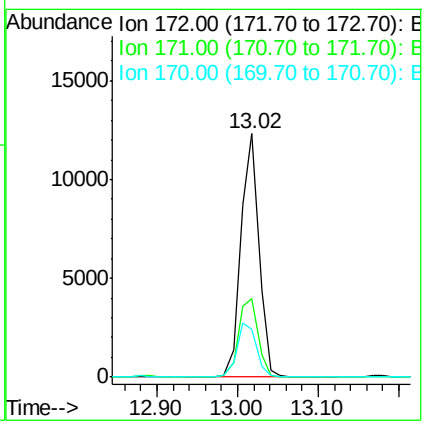


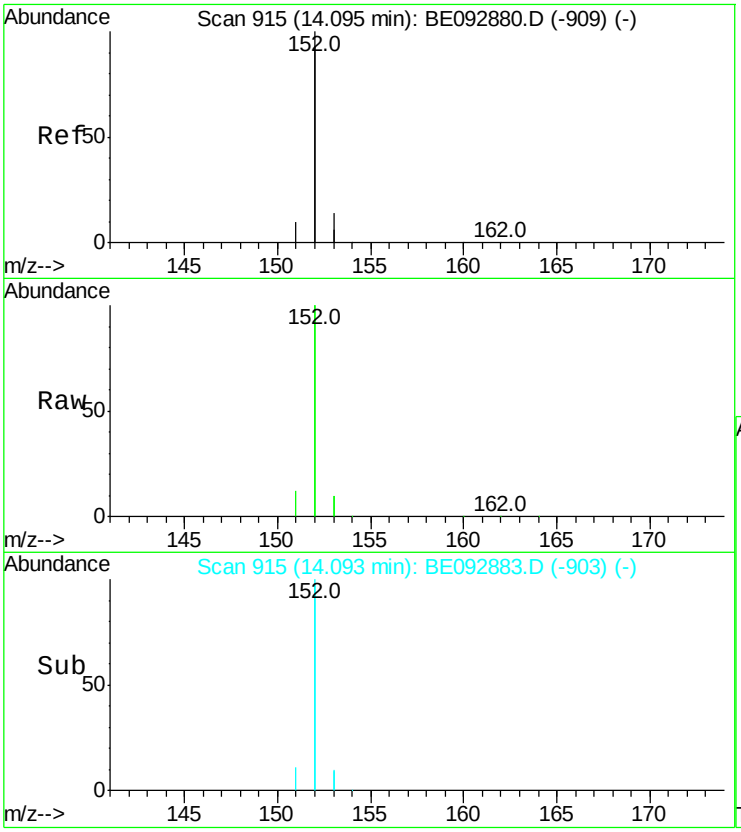


#14
2-Fluorobiphenyl
Concen: 3.25 ng
RT: 13.02 min Scan# 840
Delta R.T. 0.00 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Tgt Ion:172 Resp: 18713

Ion	Ratio	Lower	Upper
172	100		
171	32.0	30.1	45.1
170	19.7	21.8	32.6#



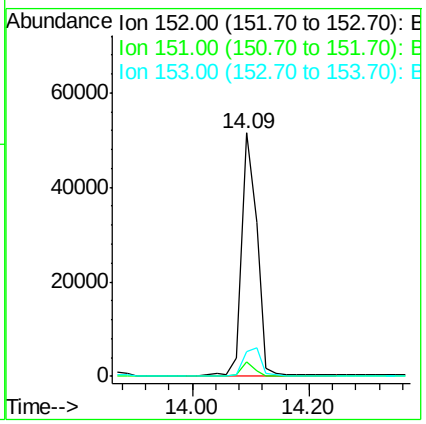


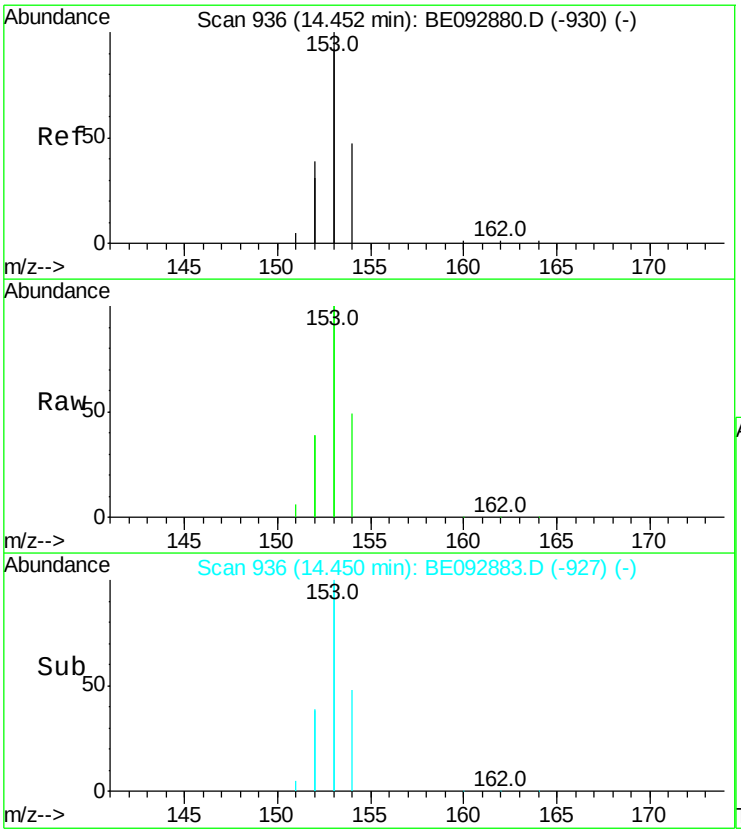
#15
Acenaphthylene
Concen: 3.48 ng
RT: 14.09 min Scan# 915
Delta R.T. -0.00 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 93360

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.0	10.4	15.6

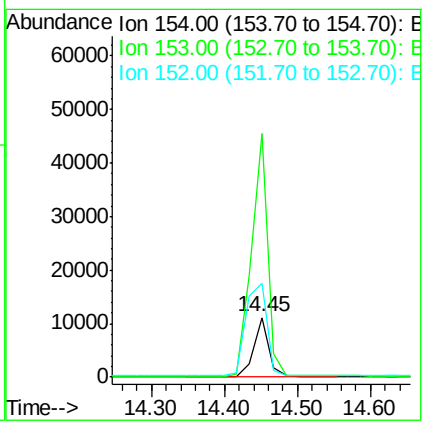


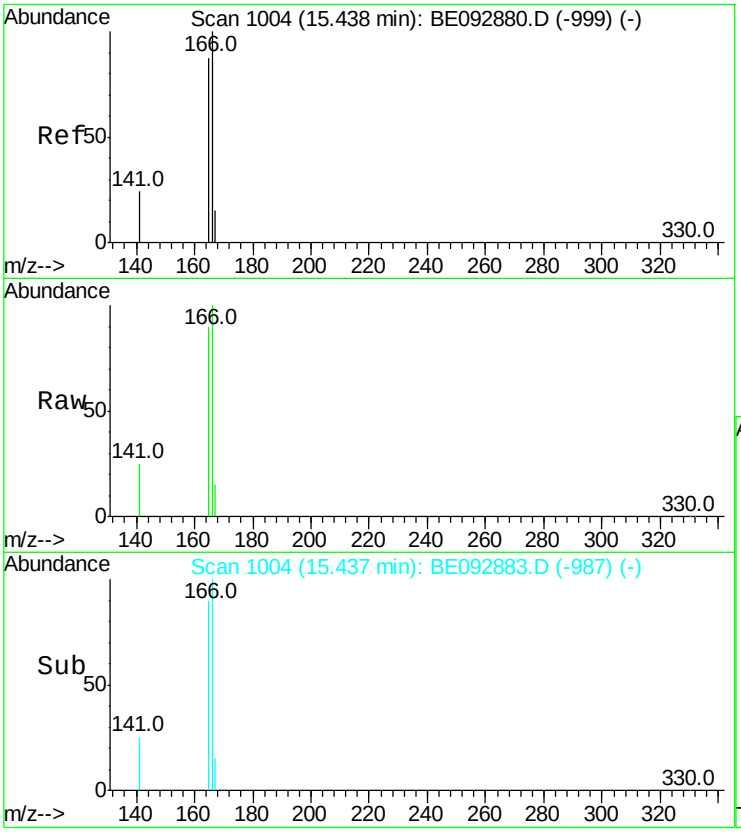


#16
Acenaphthene
Concen: 3.36 ng
RT: 14.45 min Scan# 936
Delta R.T. -0.00 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Tgt Ion:154 Resp: 16068

Ion	Ratio	Lower	Upper
154	100		
153	437.0	350.8	526.2
152	214.8	171.1	256.7



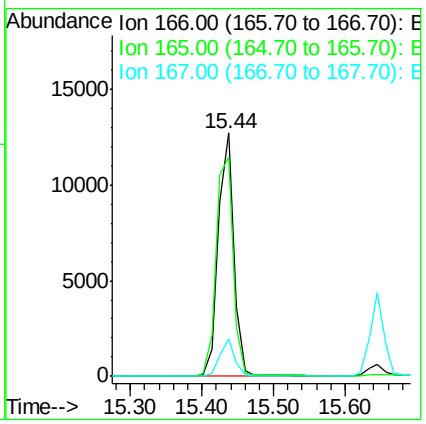


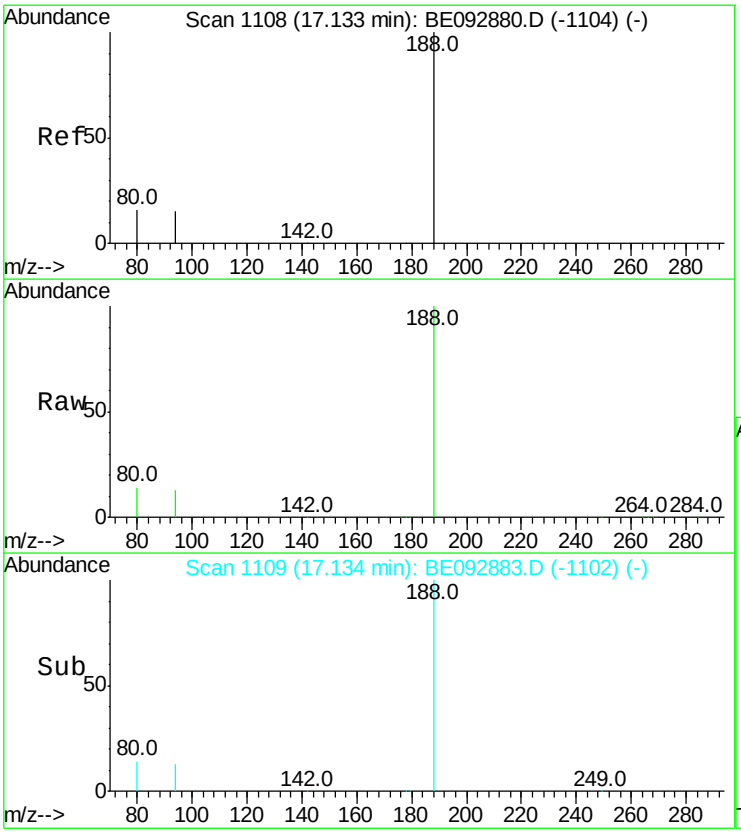
#17
Fluorene
Concen: 3.31 ng
RT: 15.44 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:166 Resp: 18833

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.2	117.4
167	14.2	11.0	16.4

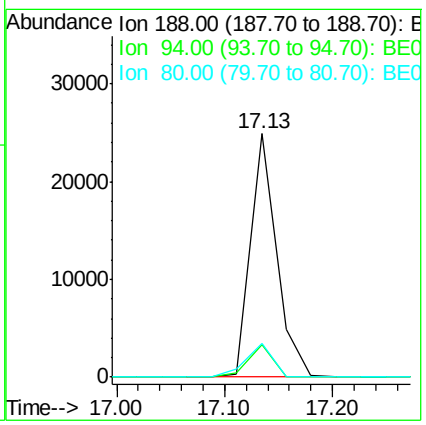


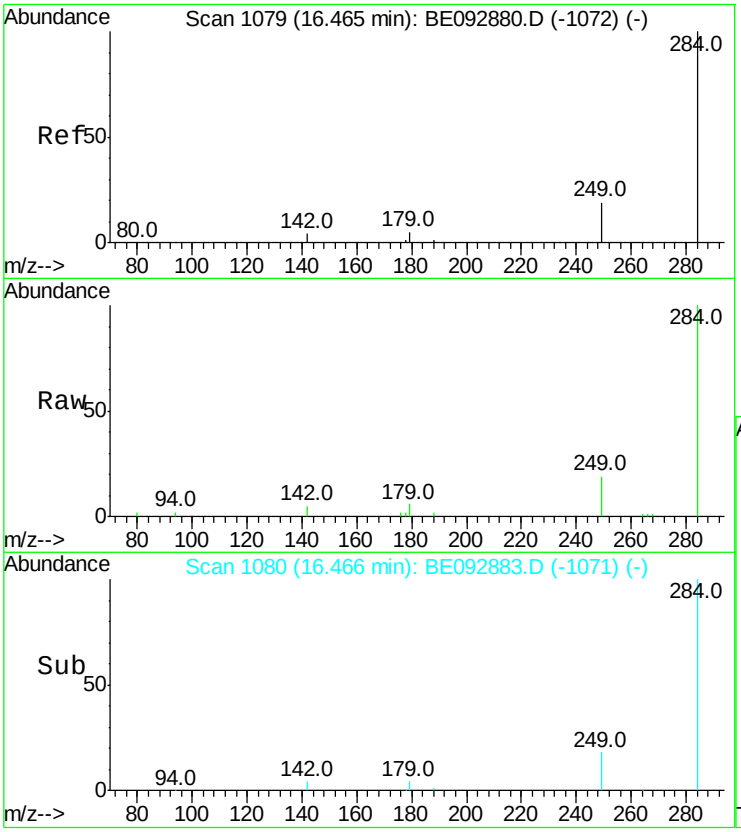


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.13 min Scan# 1109
Delta R.T. 0.00 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Tgt Ion:188 Resp: 41506

Ion	Ratio	Lower	Upper
188	100		
94	13.3	3.2	4.8#
80	13.7	2.6	3.8#



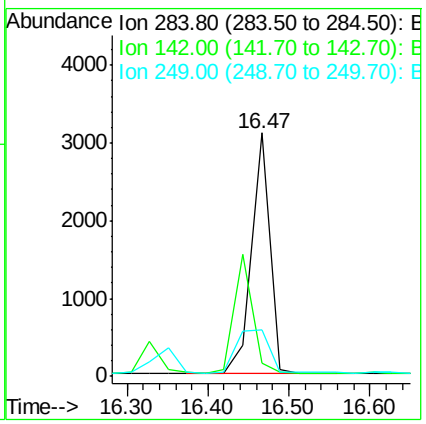


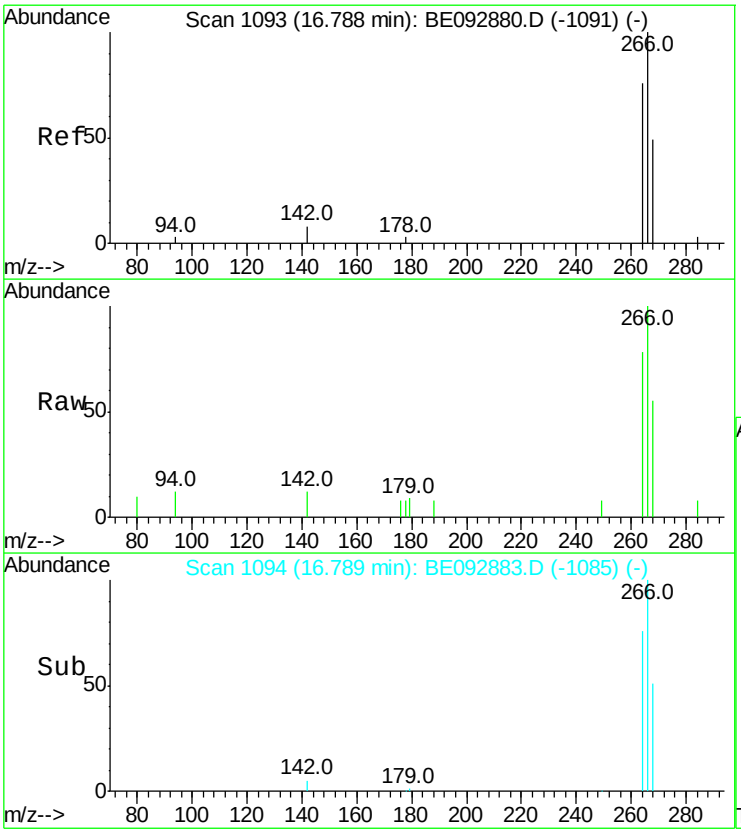
#19
Hexachlorobenzene
Concen: 3.14 ng
RT: 16.47 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 4831

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	31.6	27.9	41.9

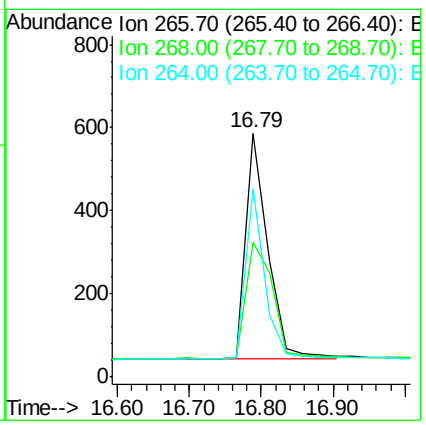


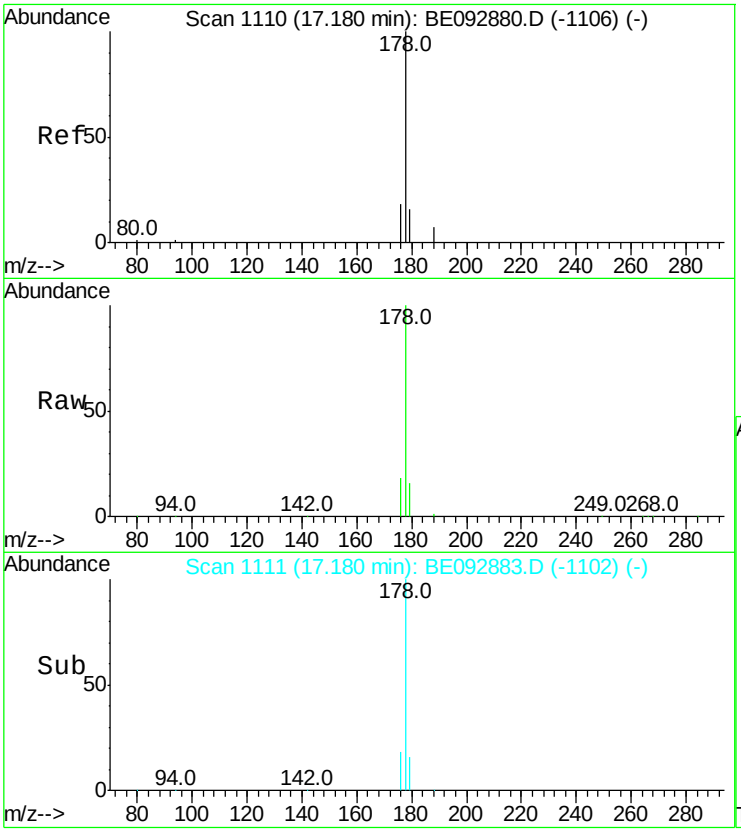


#20
Pentachlorophenol
Concen: 2.87 ng
RT: 16.79 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Tgt Ion:266 Resp: 1144

Ion	Ratio	Lower	Upper
266	100		
268	55.1	62.5	93.7#
264	77.6	57.2	85.8



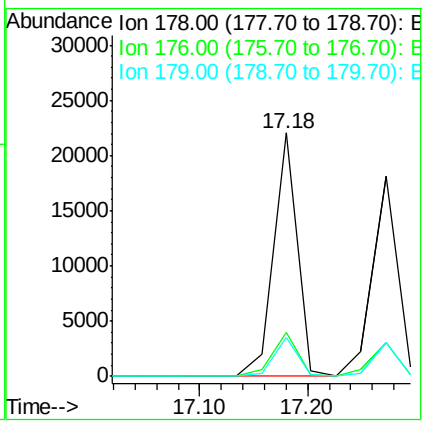


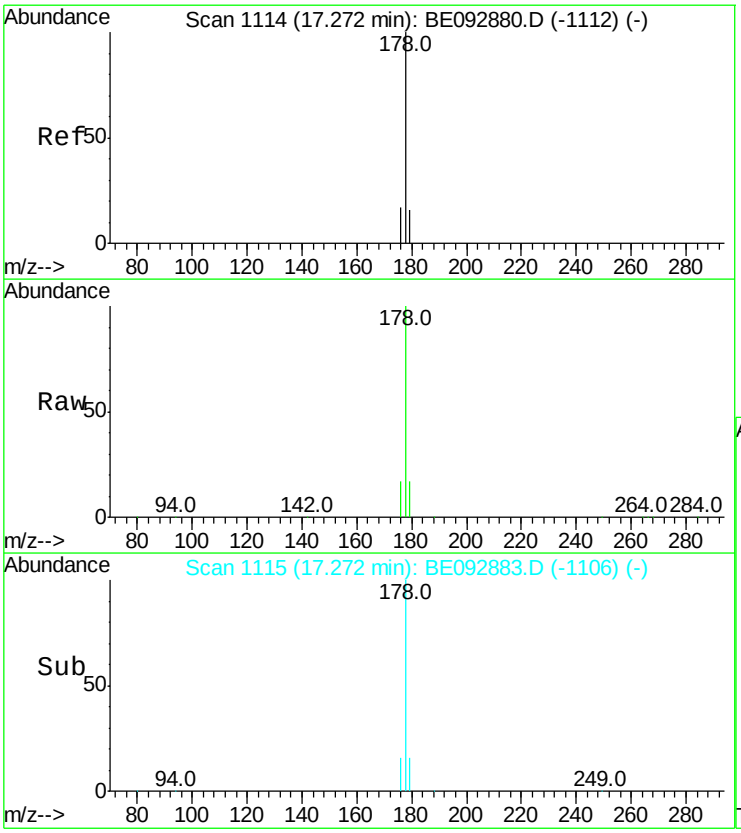
#21
Phenanthrene
Concen: 3.36 ng
RT: 17.18 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 33939

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.5	16.0	24.0#

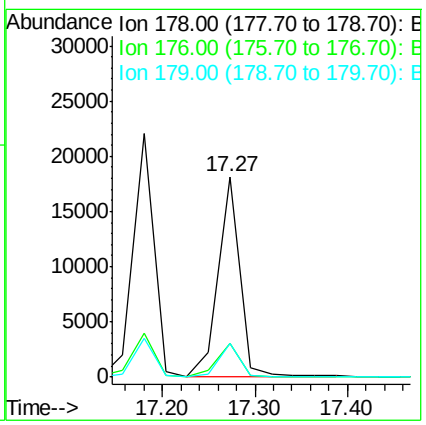


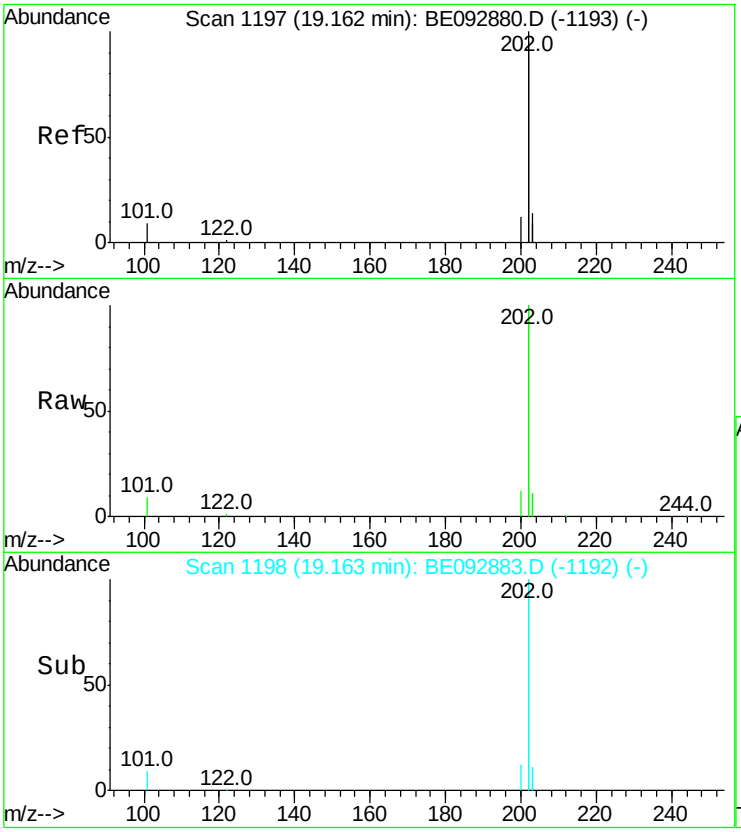


#22
Anthracene
Concen: 3.22 ng
RT: 17.27 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Tgt Ion:178 Resp: 29567

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.0	22.4
179	15.9	12.2	18.2



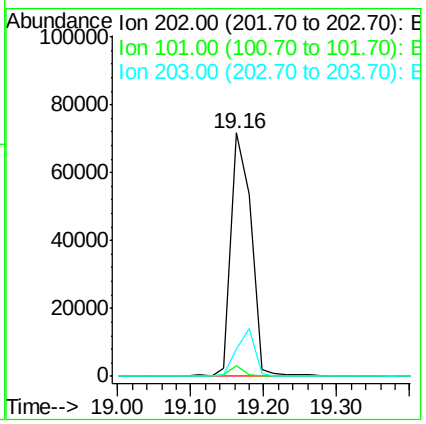


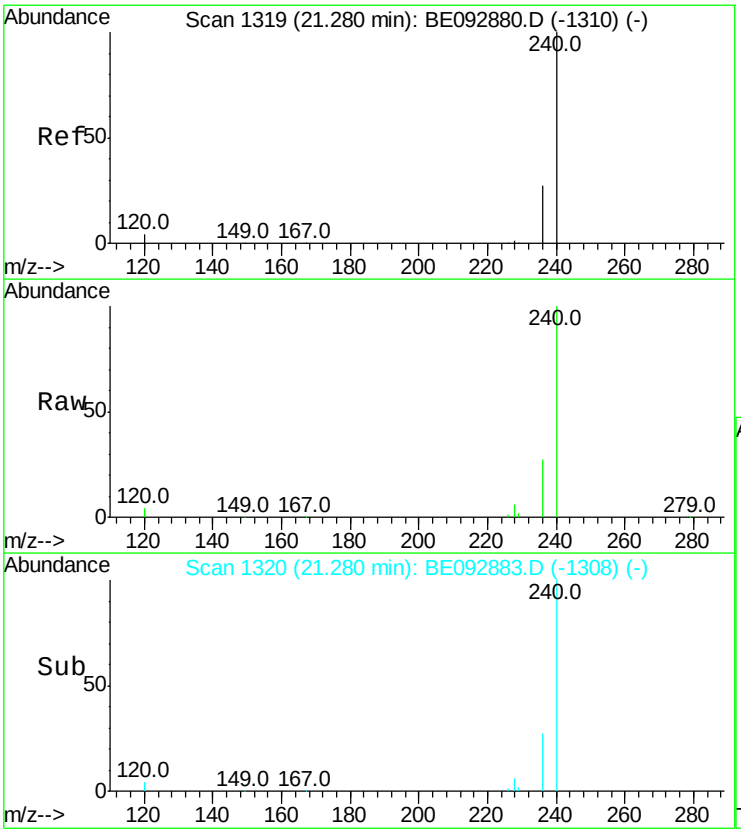
#23
Fluoranthene
Concen: 2.89 ng
RT: 19.16 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:202 Resp: 134069

Ion	Ratio	Lower	Upper
202	100		
101	3.2	2.2	3.4
203	17.7	13.7	20.5

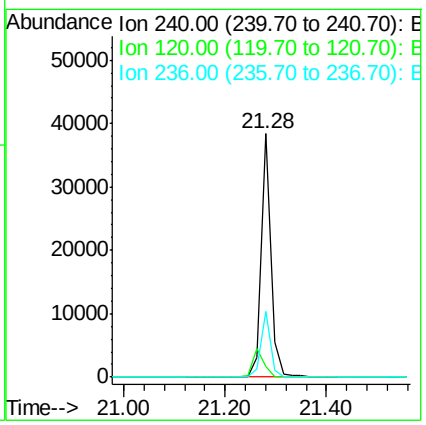


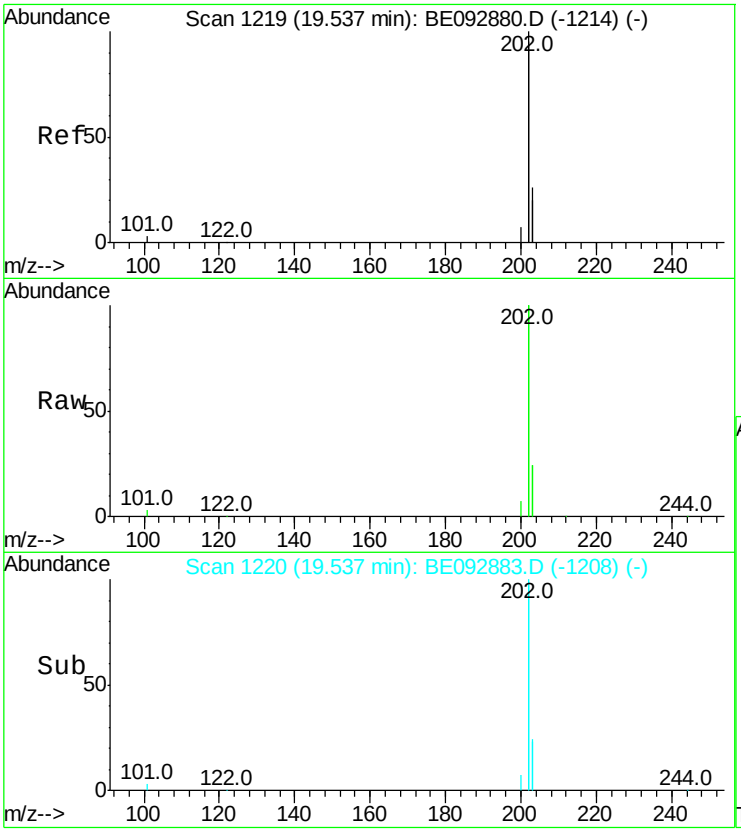


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Tgt Ion:240 Resp: 49735

Ion	Ratio	Lower	Upper
240	100		
120	4.4	2.6	4.0#
236	27.2	24.6	37.0



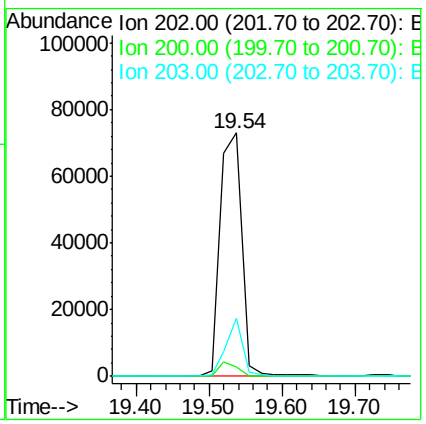


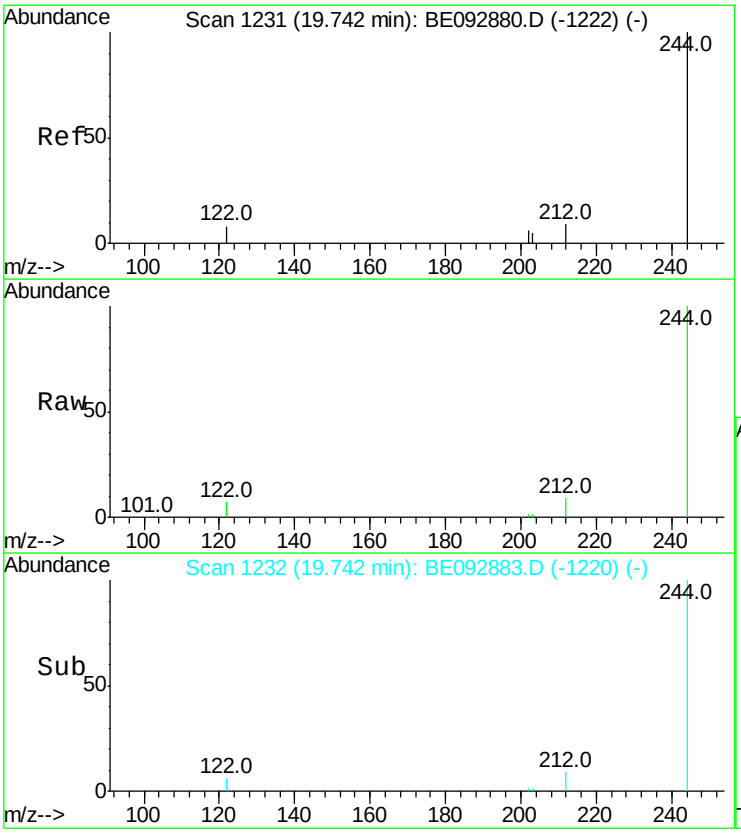
#25
Pyrene
Concen: 3.01 ng
RT: 19.54 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:202 Resp: 148860

Ion	Ratio	Lower	Upper
202	100		
200	5.1	4.2	6.4
203	17.7	13.9	20.9

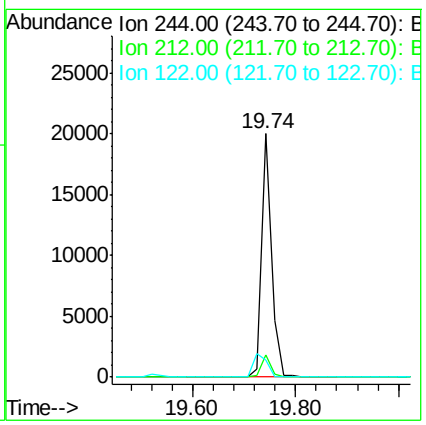


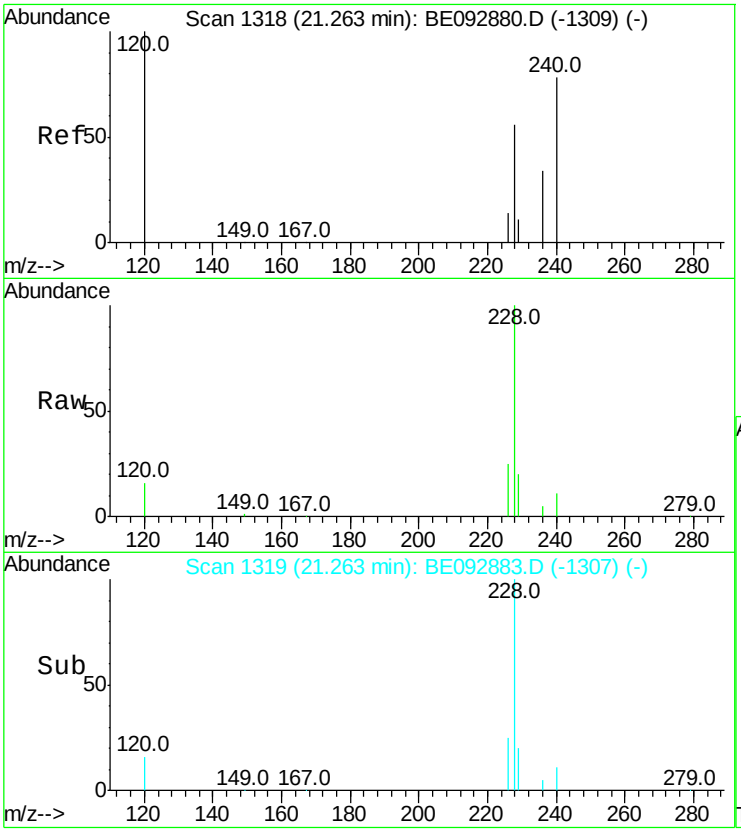


#26
Terphenyl-d14
Concen: 3.04 ng
RT: 19.74 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Tgt Ion:244 Resp: 26102

Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.7	10.1
122	6.9	3.6	5.4#



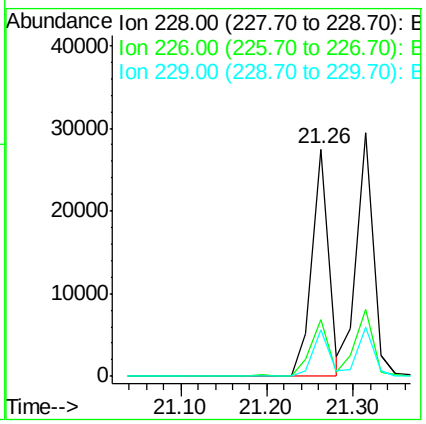


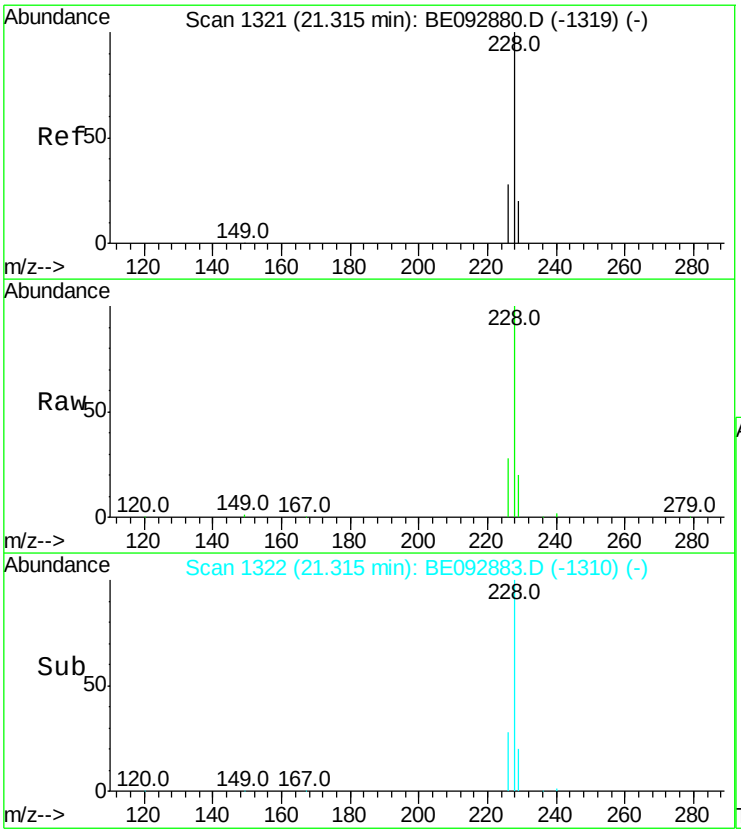
#27
Benzo(a)anthracene
Concen: 3.07 ng
RT: 21.26 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 36194

Ion	Ratio	Lower	Upper
228	100		
226	25.2	23.6	35.4
229	20.3	13.3	19.9#

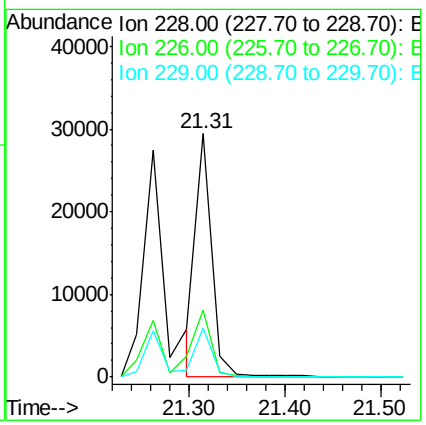


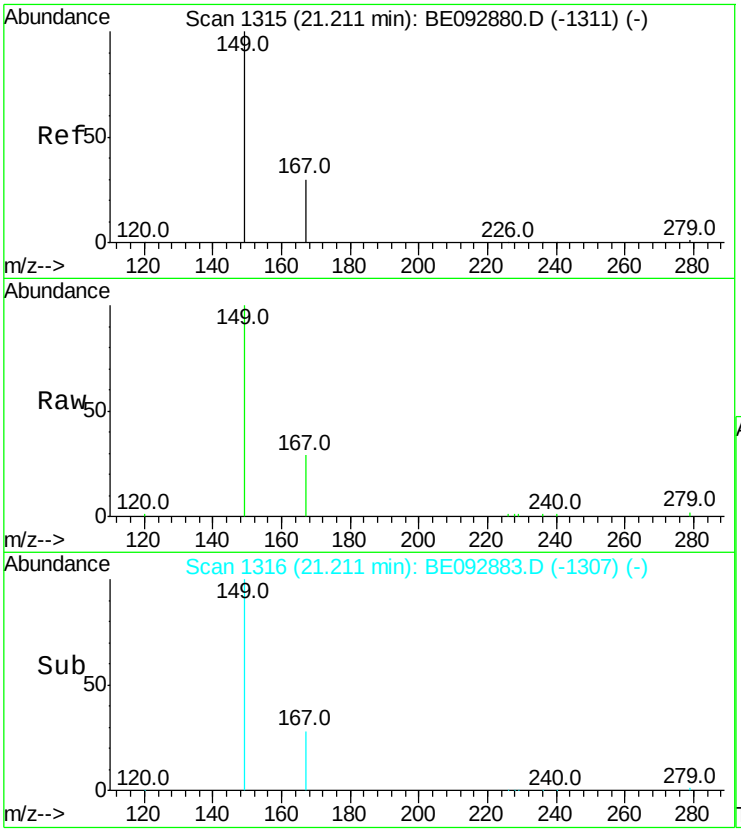


#28
Chrysene
Concen: 2.71 ng
RT: 21.31 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Tgt Ion:228 Resp: 33704

Ion	Ratio	Lower	Upper
228	100		
226	27.7	36.3	54.5#
229	20.3	10.6	16.0#



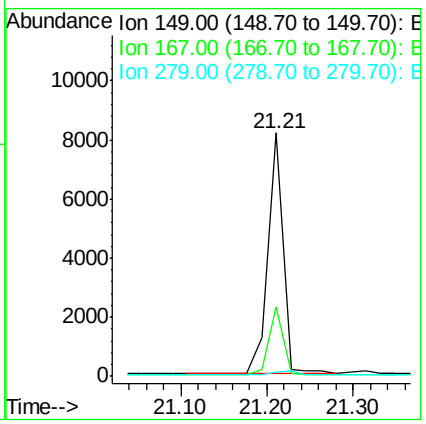


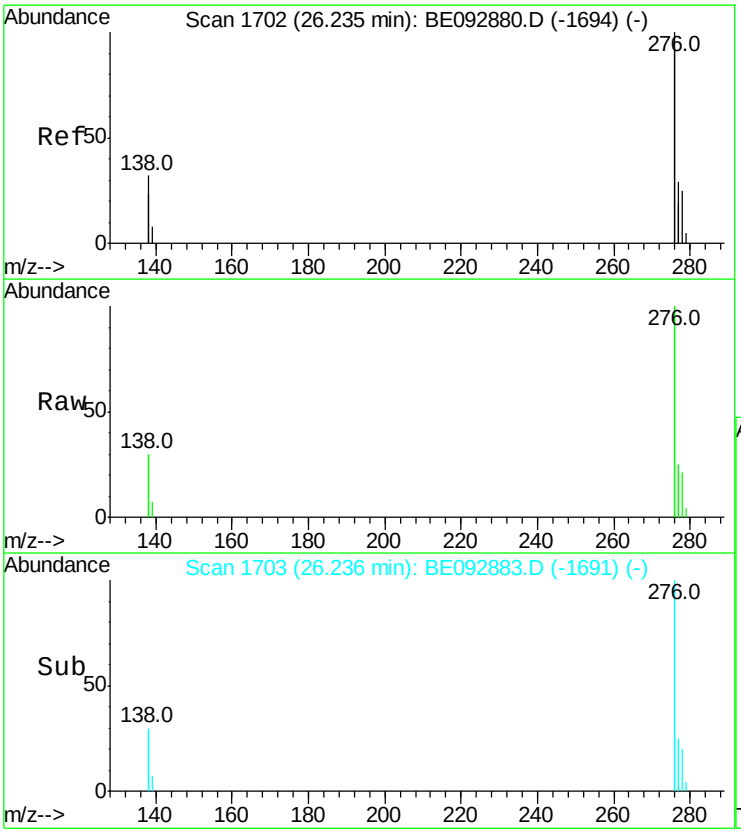
#29
Bis(2-ethylhexyl)phthalate
Concen: 2.81 ng
RT: 21.21 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:149 Resp: 10098

Ion	Ratio	Lower	Upper
149	100		
167	26.8	16.0	24.0#
279	2.3	16.0	24.0#

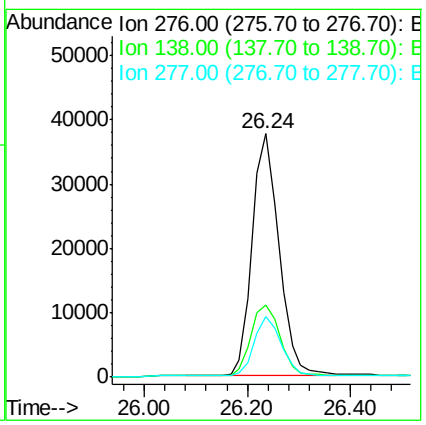


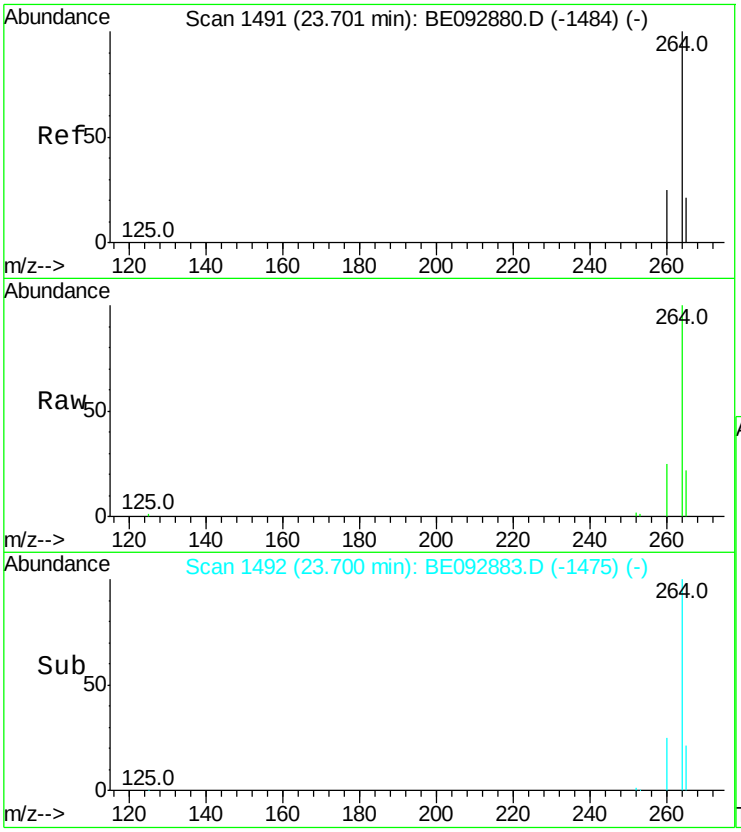


#30
Indeno(1,2,3-cd)pyrene
Concen: 2.90 ng
RT: 26.24 min Scan# 1703
Delta R.T. 0.00 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Tgt Ion:276 Resp: 135539

Ion	Ratio	Lower	Upper
276	100		
138	32.1	20.3	30.5#
277	24.9	19.7	29.5



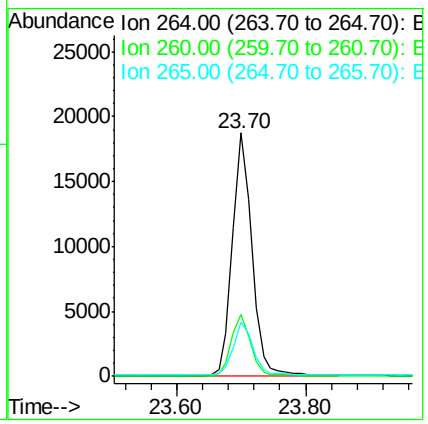


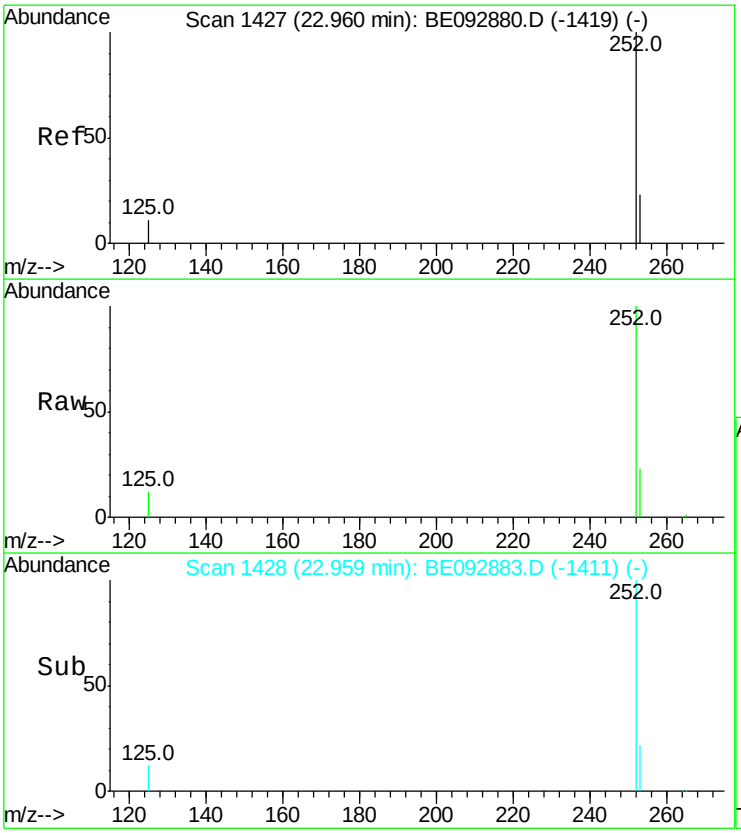
#31
Perylene-d12
Concen: 5.00 ng
RT: 23.70 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:264 Resp: 38938

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.1	30.1
265	22.0	17.9	26.9

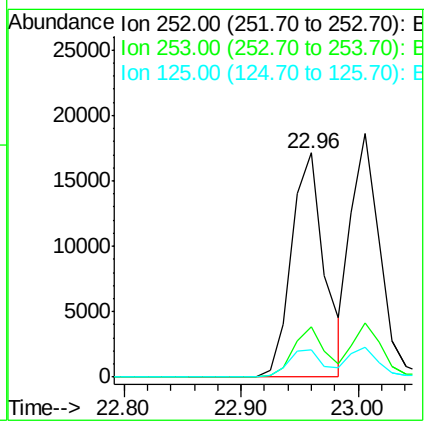


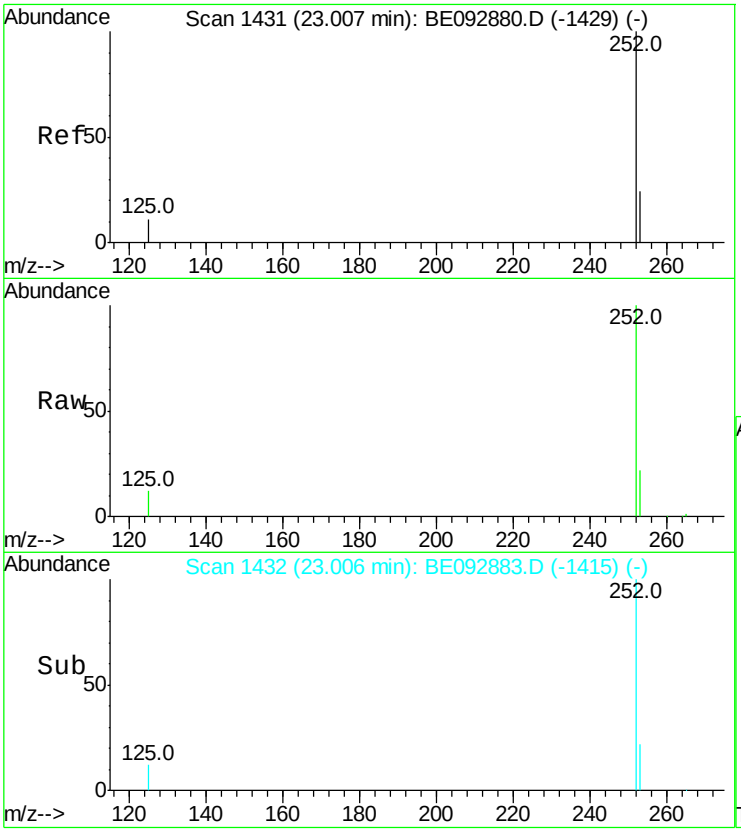


#32
Benzo(b)fluoranthene
Concen: 3.20 ng
RT: 22.96 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Tgt Ion:252 Resp: 33164

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.7	28.1
125	11.9	10.5	15.7



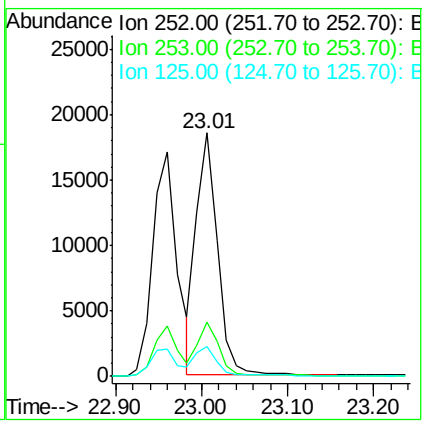


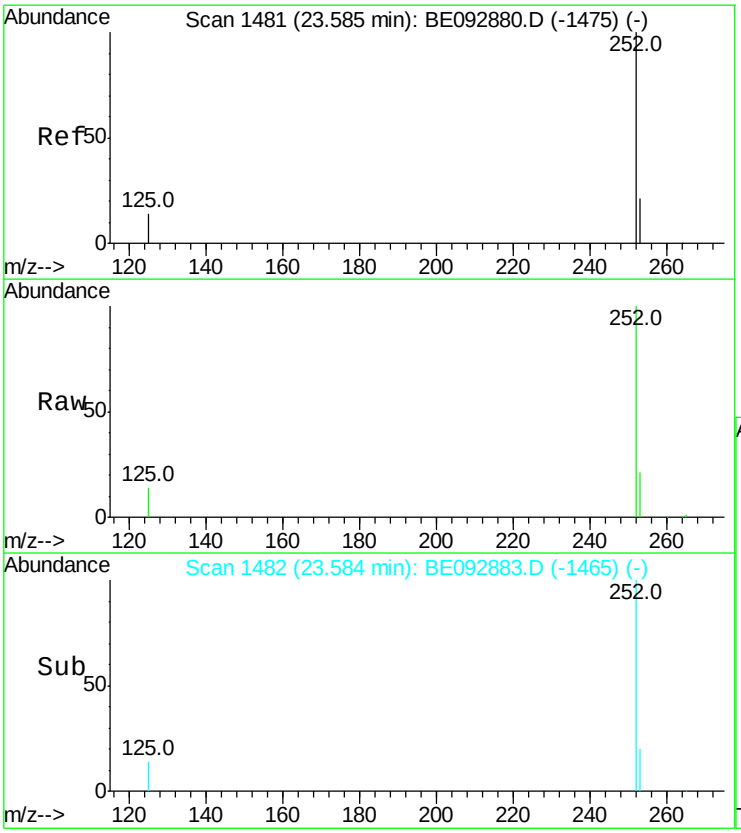
#33
Benzo(k)fluoranthene
Concen: 3.41 ng
RT: 23.01 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 31695

Ion	Ratio	Lower	Upper
252	100		
253	22.2	20.3	30.5
125	12.1	9.6	14.4

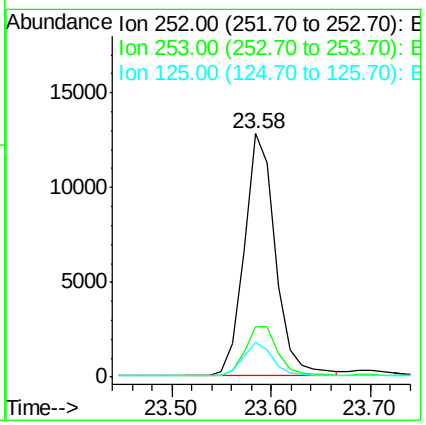


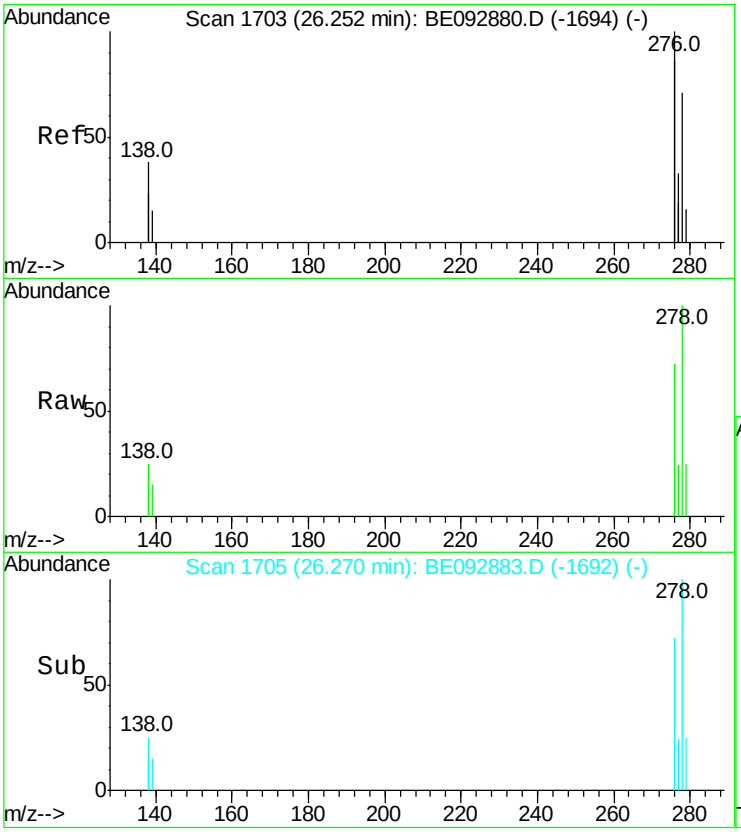


#34
Benzo(a)pyrene
Concen: 3.24 ng
RT: 23.58 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Tgt Ion:252 Resp: 27761

Ion	Ratio	Lower	Upper
252	100		
253	20.7	19.0	28.6
125	14.4	11.8	17.8



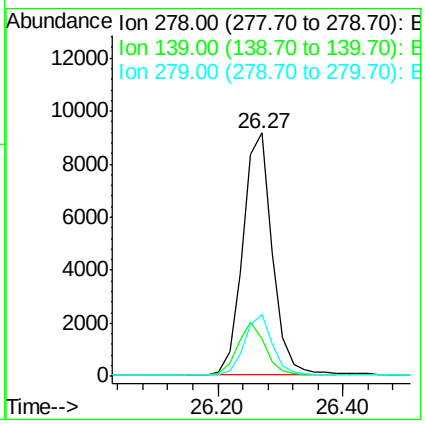


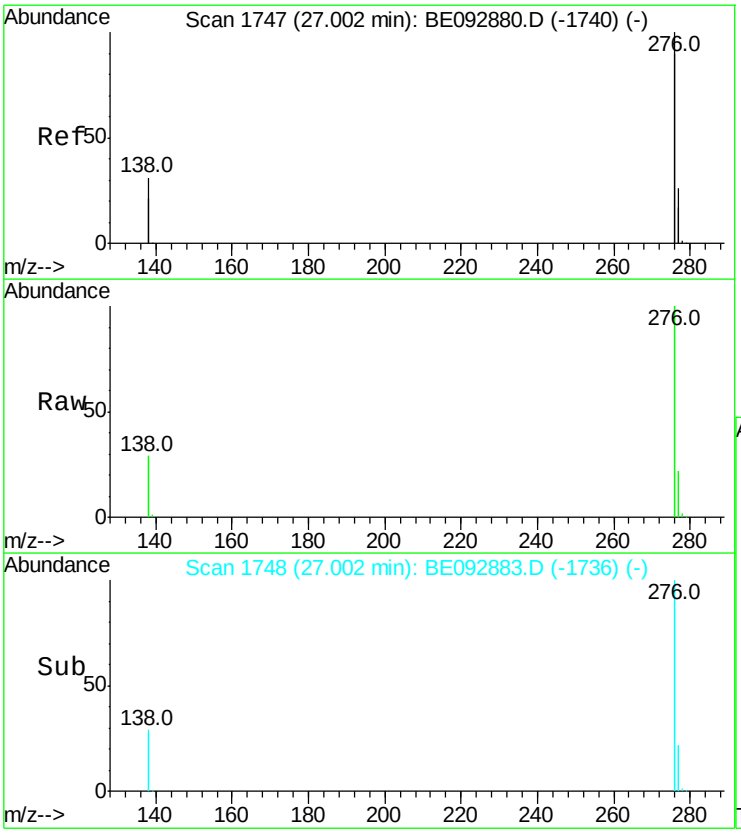
#35
Dibenzo(a,h)anthracene
Concen: 3.28 ng
RT: 26.27 min Scan# 1705
Delta R.T. 0.02 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:278 Resp: 29919

Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.8	20.8
279	25.2	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 3.18 ng
RT: 27.00 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BE092883.D
Acq: 4 Apr 2017 14:08

Tgt Ion:276 Resp: 120119

Ion	Ratio	Lower	Upper
276	100		
277	22.4	19.8	29.8
138	29.5	19.8	29.6