Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032817\
Data File : BE092830.D
Acq On : 28 Mar 2017 10:47
Operator : SJ/MA
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICCC0.4

Quant Time: Mar 28 13:08:12 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 28 13:07:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	7415	5.00	ng		0.00
7) Naphthalene-d8	10.54	136	33096	5.00	ng		0.00
12) Acenaphthene-d10	14.40	164	16223	5.00	ng		0.00
18) Phenanthrene-d10	17.16	188	37253	5.00	ng		0.00
24) Chrysene-d12	21.30	240	44705	5.00	ng		0.00
31) Perylene-d12	23.71	264	38675	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	679	0.43	ng		0.00
5) Phenol-d6	6.95	99	948	0.51	ng		0.00
8) Nitrobenzene-d5	8.93	82	681	0.34	ng		0.00
13) 2,4,6-Tribromophenol	15.88	330	91	0.21	ng		0.00
14) 2-Fluorobiphenyl	13.03	172	2163	0.57	ng		0.00
26) Terphenyl-d14	19.76	244	2957	0.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	407	0.37	ng		92
3) n-Nitrosodimethylamine	3.61	42	381	0.31	ng	#	2
6) bis(2-Chloroethyl)ether	7.20	93	952	0.47	ng	#	43
9) Naphthalene	10.58	128	2907	0.41	ng		95
10) Hexachlorobutadiene	10.89	225	385	0.38	ng		98
11) 2-Methylnaphthalene	12.21	142	1804	0.39	ng		99
15) Acenaphthylene	14.11	152	8895	0.36	ng		99
16) Acenaphthene	14.45	154	1713	0.49	ng		86
17) Fluorene	15.44	166	2092	0.44	ng		98
19) Hexachlorobenzene	16.47	284	542	0.36	ng	#	69
20) Pentachlorophenol	16.81	266	122	0.24	ng		95
21) Phenanthrene	17.18	178	3745	0.42	ng	#	95
22) Anthracene	17.27	178	3052	0.34	ng		98
23) Fluoranthene	19.18	202	15491	0.36	ng		98
25) Pyrene	19.54	202	16572	0.41	ng		99
27) Benzo(a)anthracene	21.26	228	3861	0.09	ng		95
28) Chrysene	21.31	228	4395	0.11	ng	#	87
29) Bis(2-ethylhexyl)phthalate	21.23	149	1019	0.21	ng	#	76
30) Indeno(1,2,3-cd)pyrene	26.25	276	15685	0.35	ng	#	92
32) Benzo(b)fluoranthene	22.97	252	3978	0.39	ng		95
33) Benzo(k)fluoranthene	23.02	252	3470	0.33	ng	#	97
34) Benzo(a)pyrene	23.60	252	3146	0.34	ng	#	95
35) Dibenzo(a,h)anthracene	26.29	278	3412	0.38	ng	#	94
36) Benzo(g,h,i)perylene	27.02	276	14614	0.38	ng	#	91

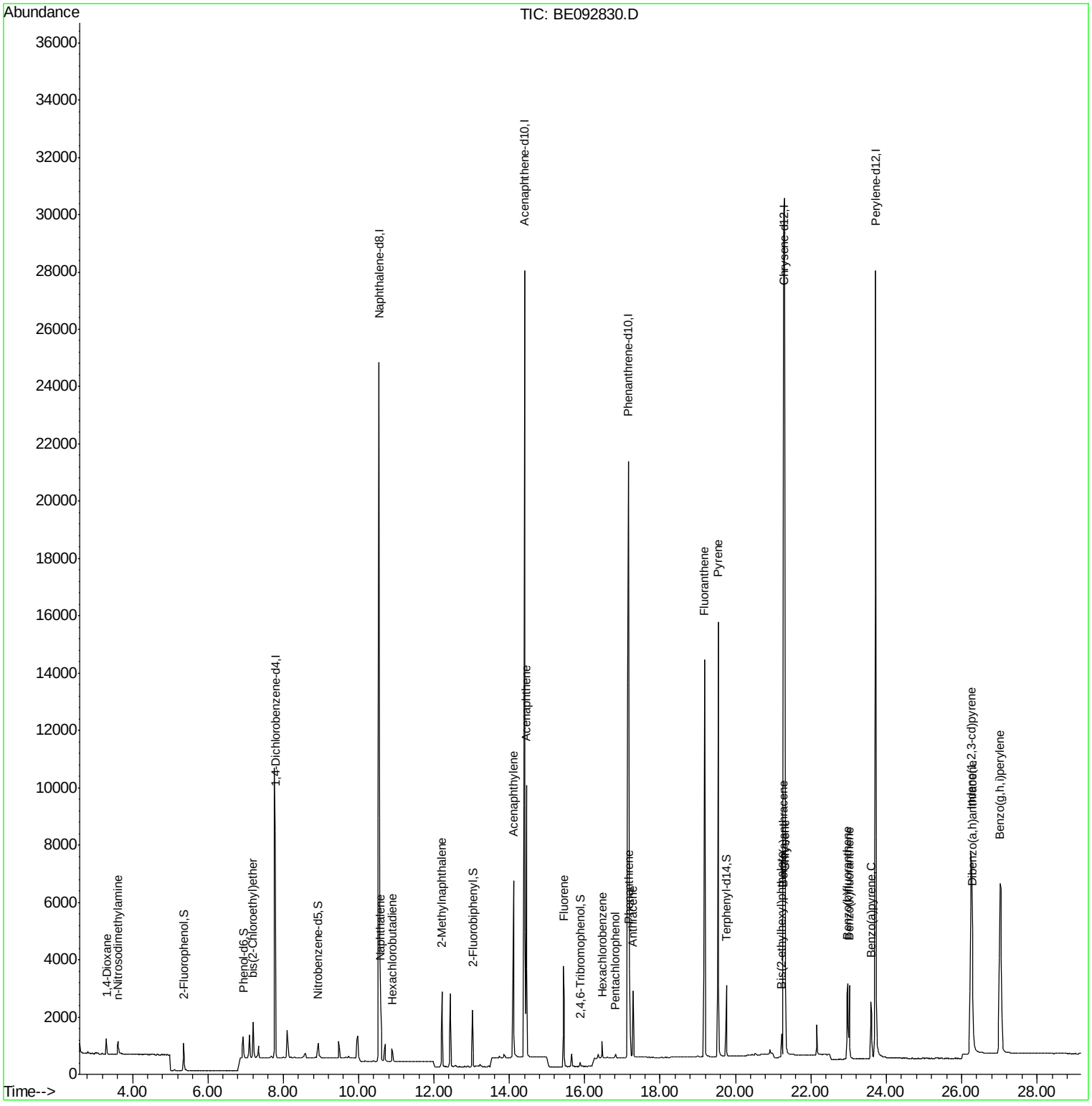
(#) = qualifier out of range (m) = manual integration (+) = signals summed

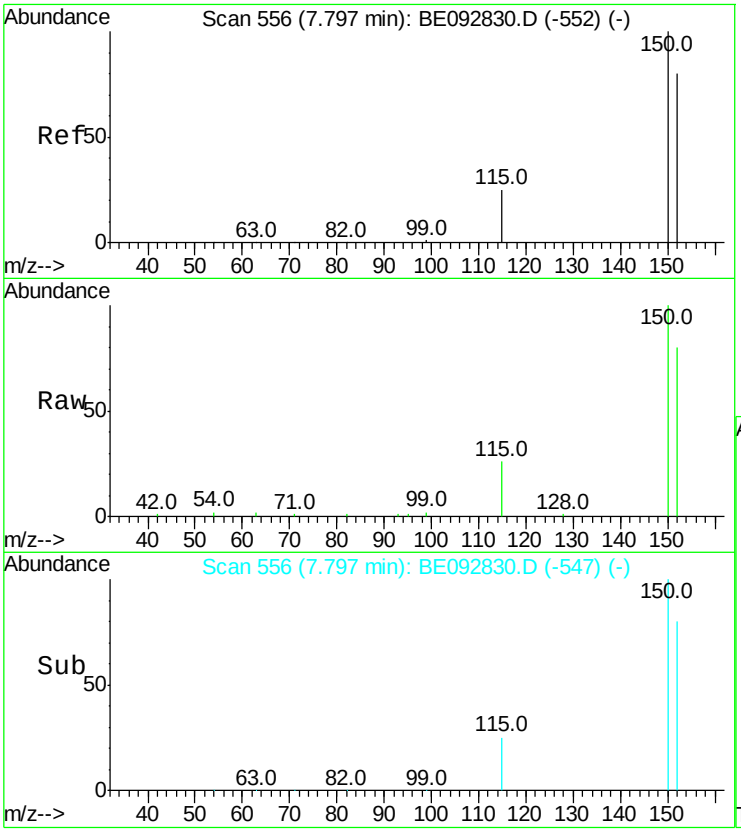
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032817\
Data File : BE092830.D
Acq On : 28 Mar 2017 10:47
Operator : SJ/MA
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Quant Time: Mar 28 13:08:12 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 28 13:07:38 2017
Response via : Initial Calibration



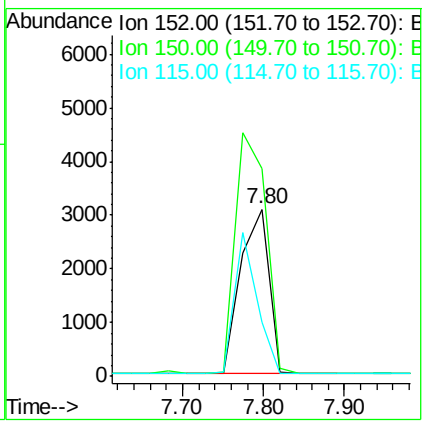


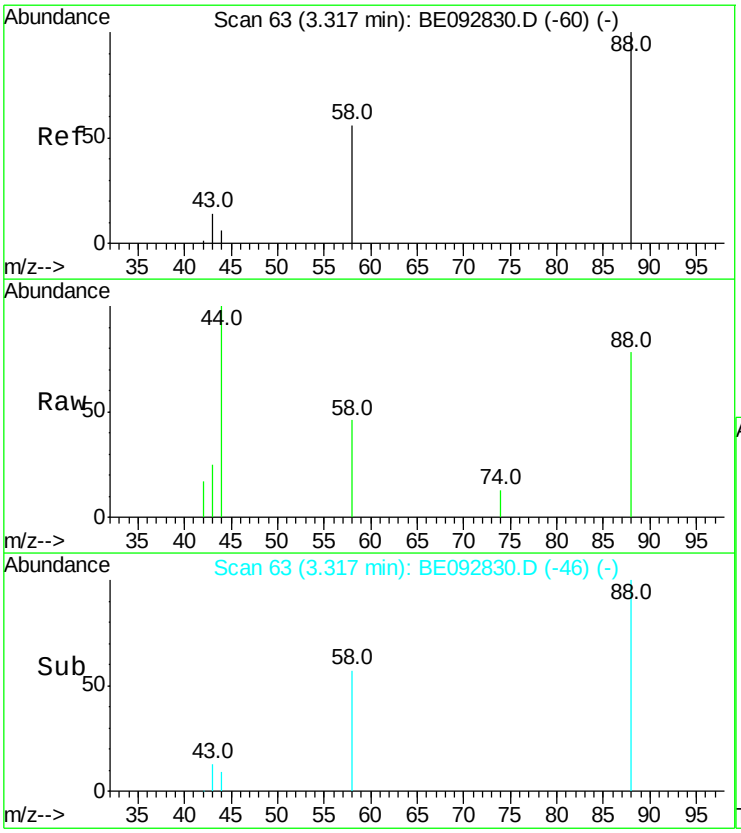
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 556
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 7415

Ion	Ratio	Lower	Upper
152	100		
150	124.5	106.0	159.0
115	32.7	31.2	46.8

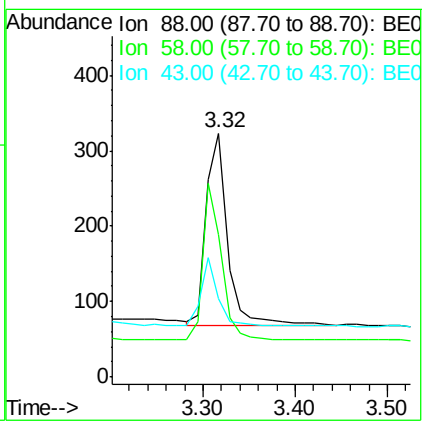


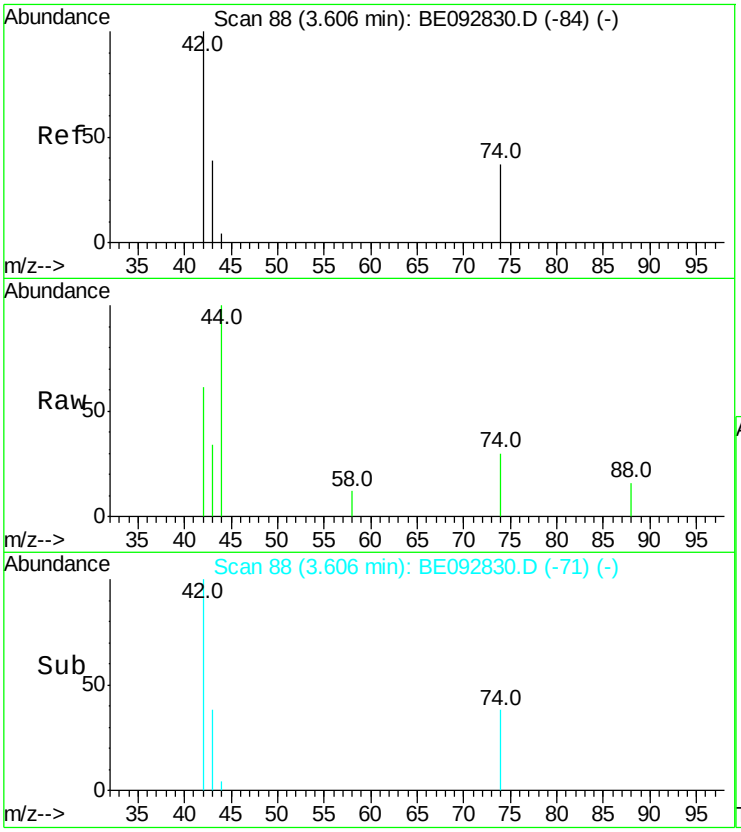


#2
1,4-Dioxane
Concen: 0.37 ng
RT: 3.32 min Scan# 63
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Tgt Ion: 88 Resp: 407

Ion	Ratio	Lower	Upper
88	100		
58	71.5	63.6	95.4
43	31.0	28.0	42.0



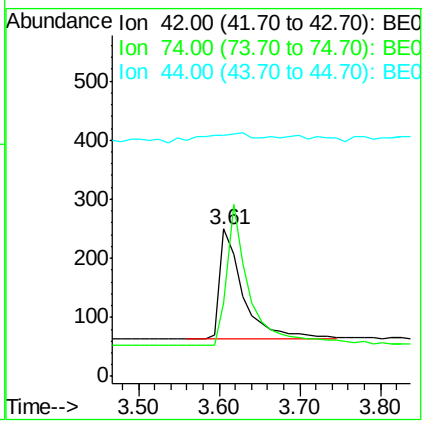


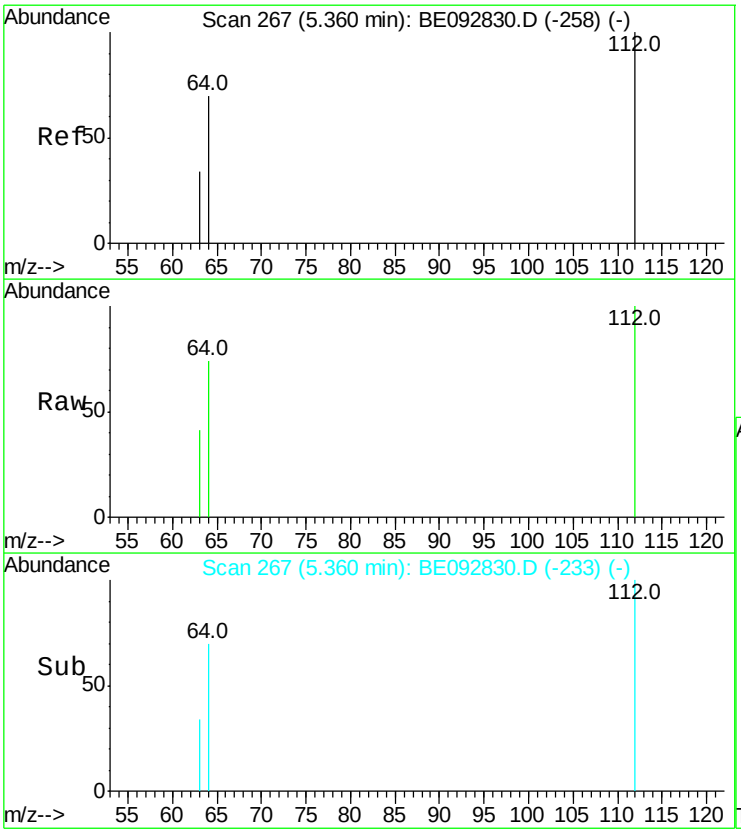
#3
n-Nitrosodimethylamine
Concen: 0.31 ng
RT: 3.61 min Scan# 88
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 381

Ion	Ratio	Lower	Upper
42	100		
74	0.0	86.0	129.0#
44	0.0	5.1	7.7#

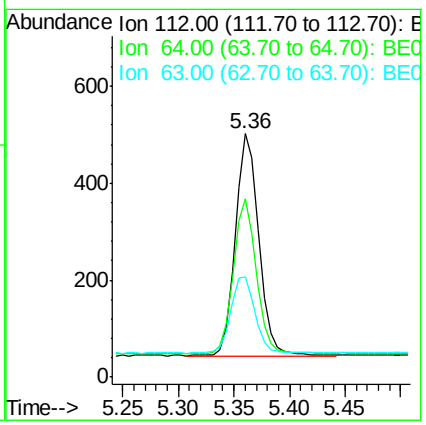


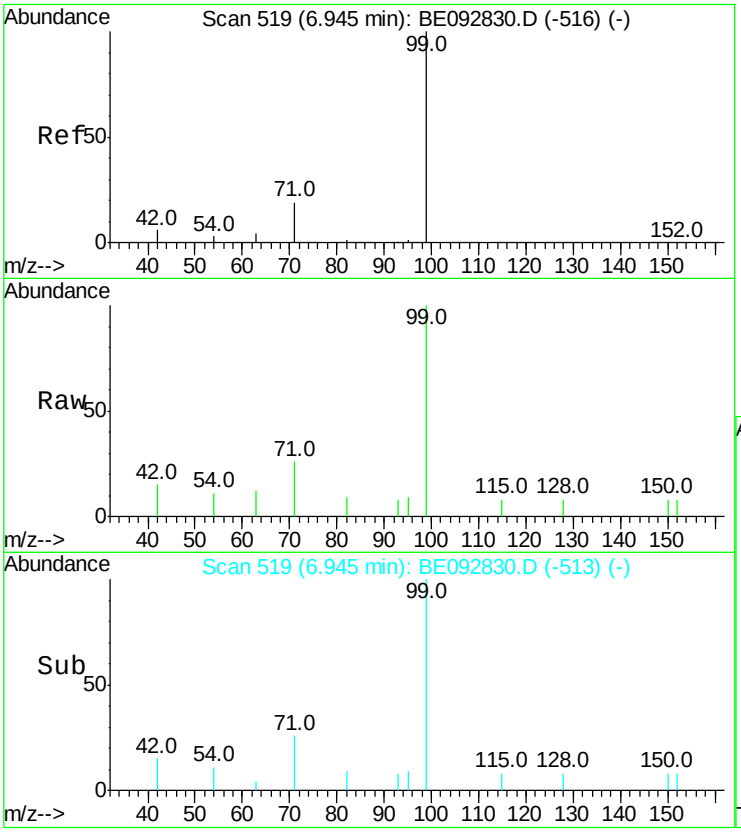


#4
2-Fluorophenol
Concen: 0.43 ng
RT: 5.36 min Scan# 267
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Tgt Ion:112 Resp: 679

Ion	Ratio	Lower	Upper
112	100		
64	68.5	53.5	80.3
63	35.8	27.9	41.9



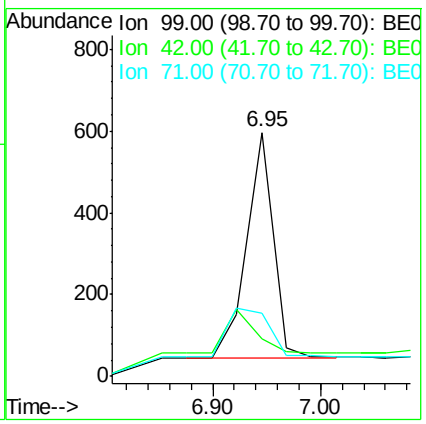


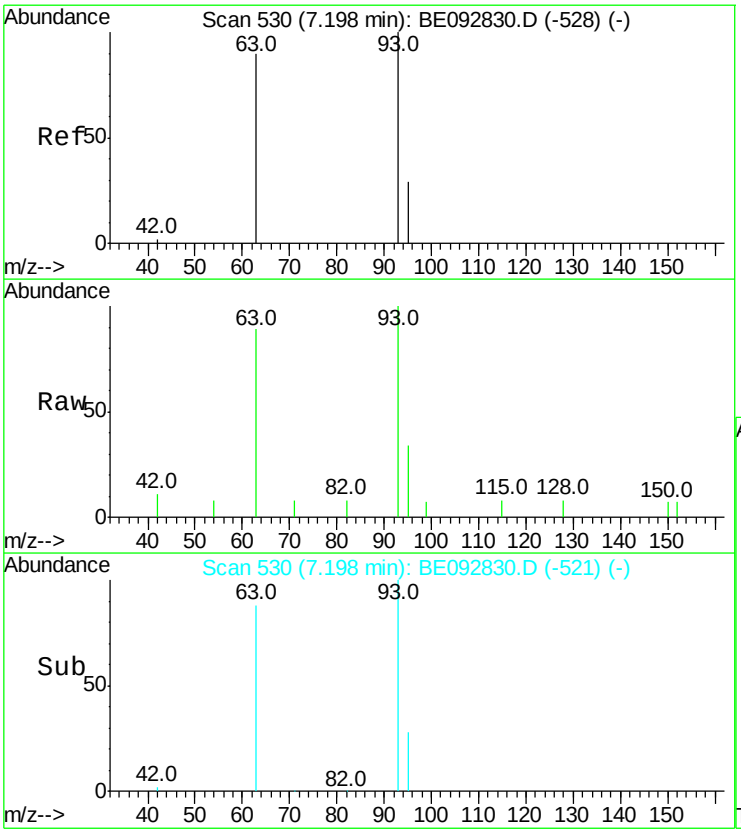
#5
Phenol-d6
Concen: 0.51 ng
RT: 6.95 min Scan# 519
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 948

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

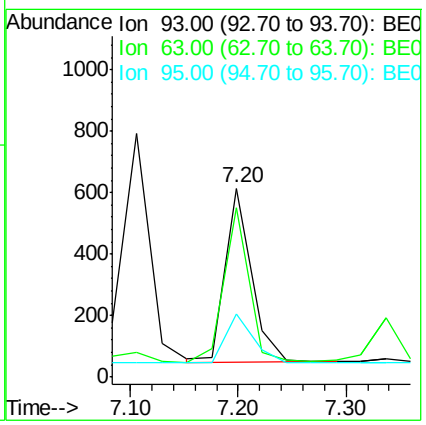


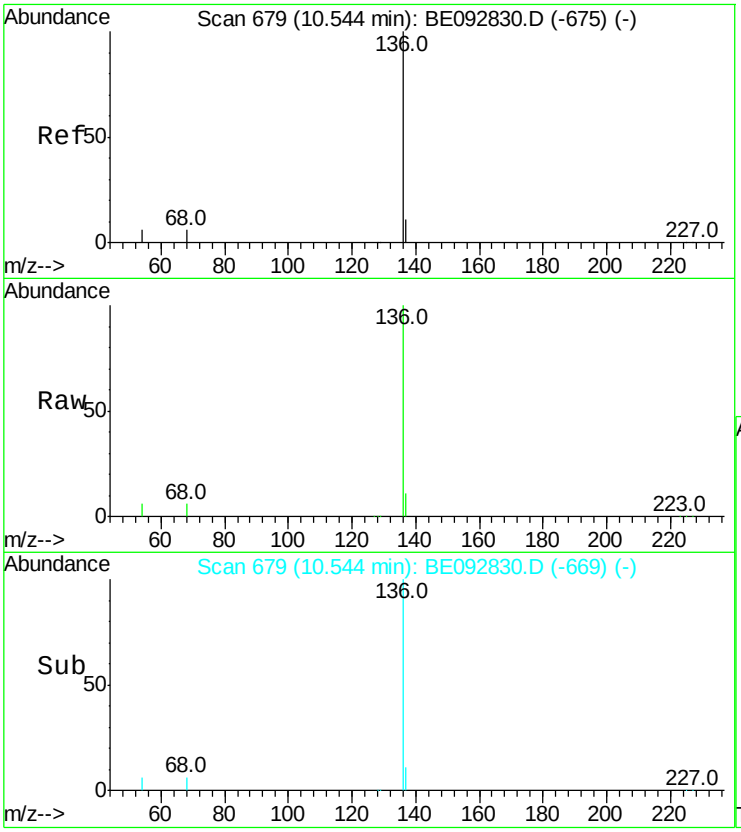


#6
bis(2-Chloroethyl)ether
Concen: 0.47 ng
RT: 7.20 min Scan# 530
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Tgt Ion: 93 Resp: 952

Ion	Ratio	Lower	Upper
93	100		
63	84.5	16.0	24.0#
95	30.5	24.0	36.0



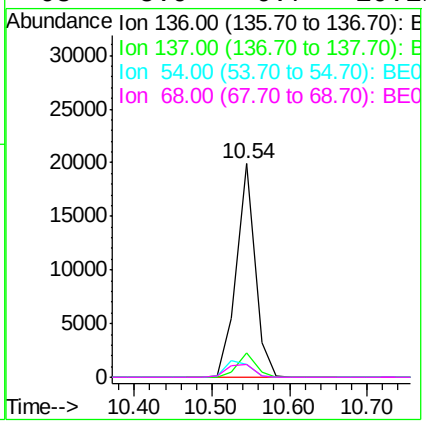


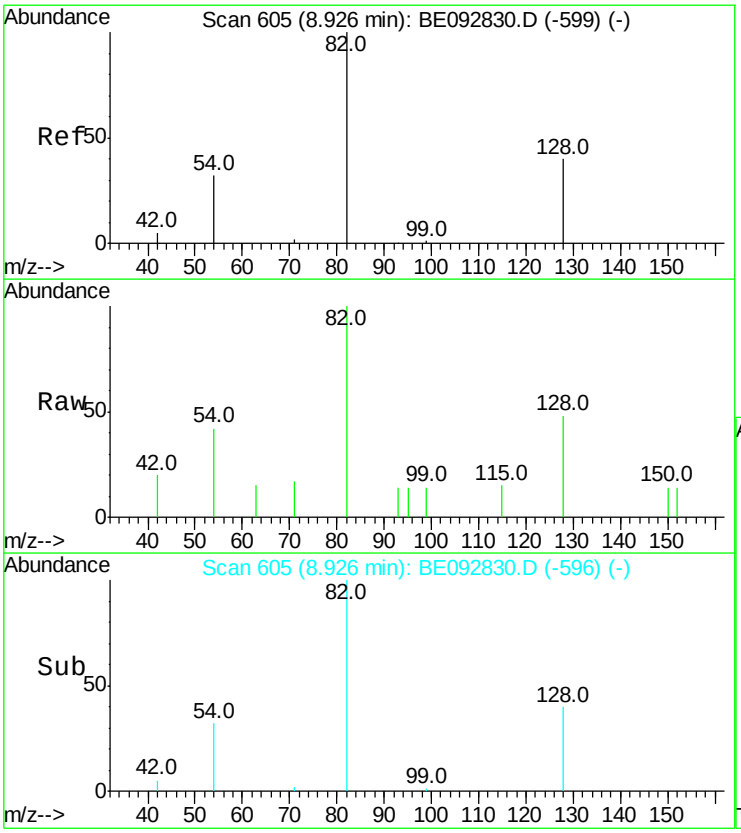
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.54 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 33096

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.4
54	6.3	9.6	14.4#
68	5.9	6.7	10.1#

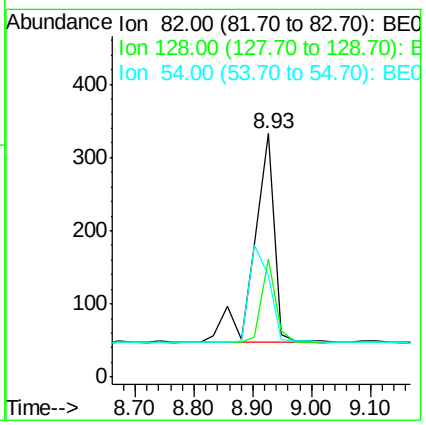


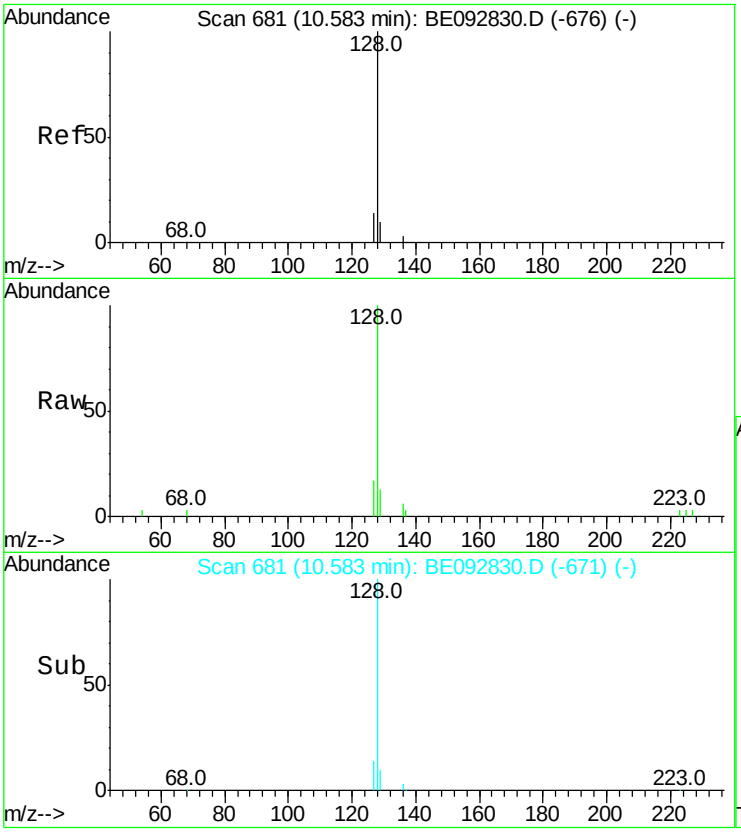


#8
Nitrobenzene-d5
Concen: 0.34 ng
RT: 8.93 min Scan# 605
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Tgt Ion: 82 Resp: 681

Ion	Ratio	Lower	Upper
82	100		
128	48.3	39.0	58.4
54	41.7	44.8	67.2#



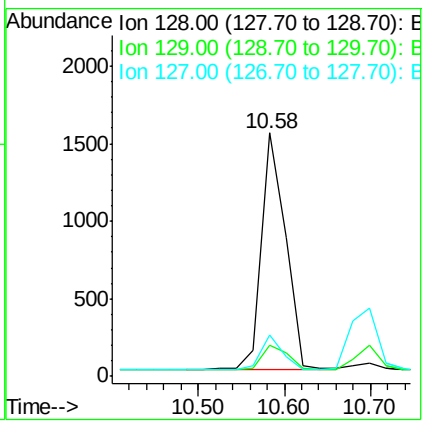


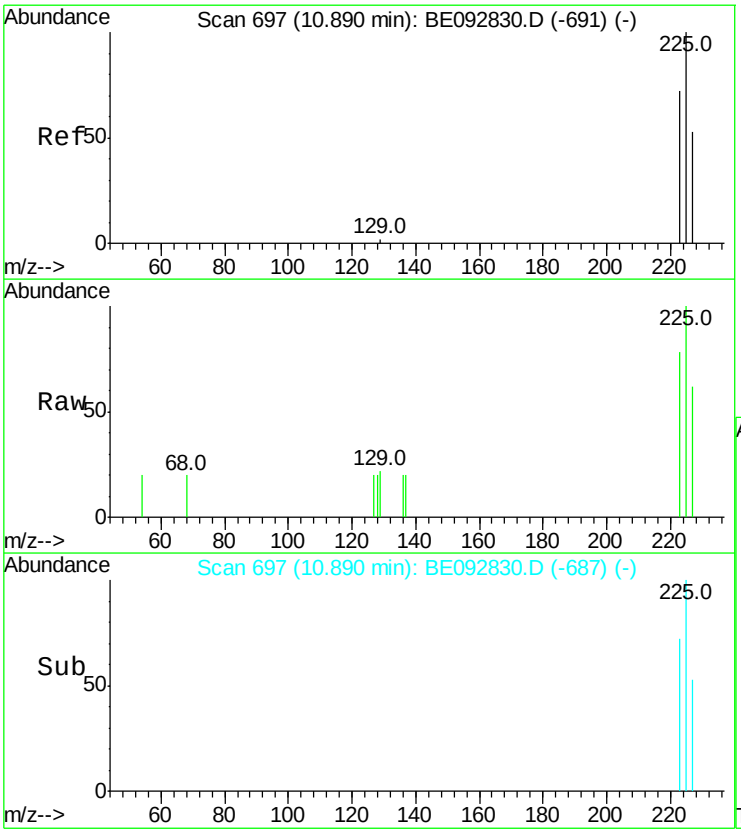
#9
Naphthalene
Concen: 0.41 ng
RT: 10.58 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 2907

Ion	Ratio	Lower	Upper
128	100		
129	12.5	11.2	16.8
127	16.8	11.6	17.4

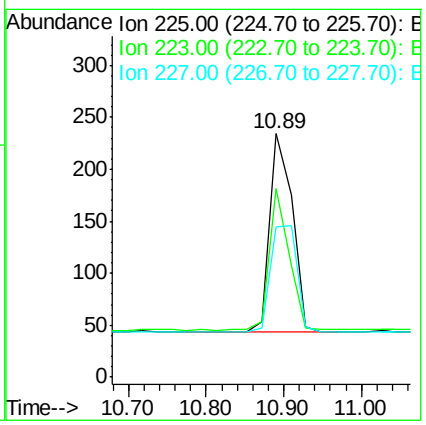


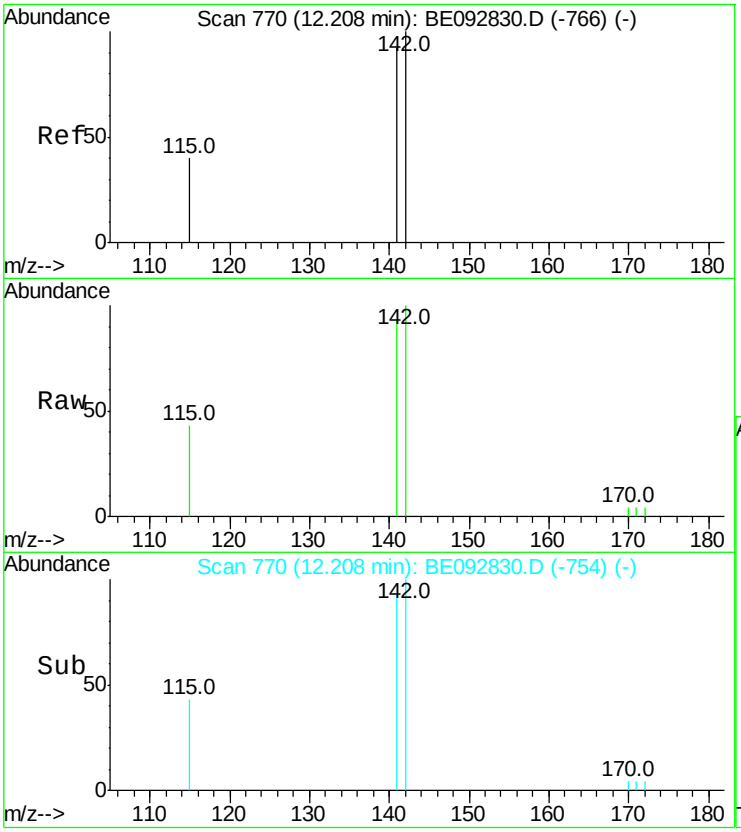


#10
Hexachlorobutadiene
Concen: 0.38 ng
RT: 10.89 min Scan# 697
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Tgt Ion:225 Resp: 385

Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.6	76.0
227	62.9	51.4	77.0



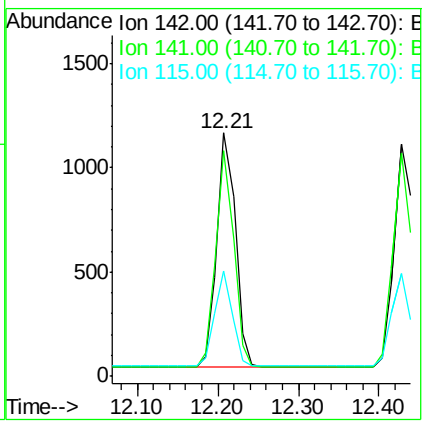


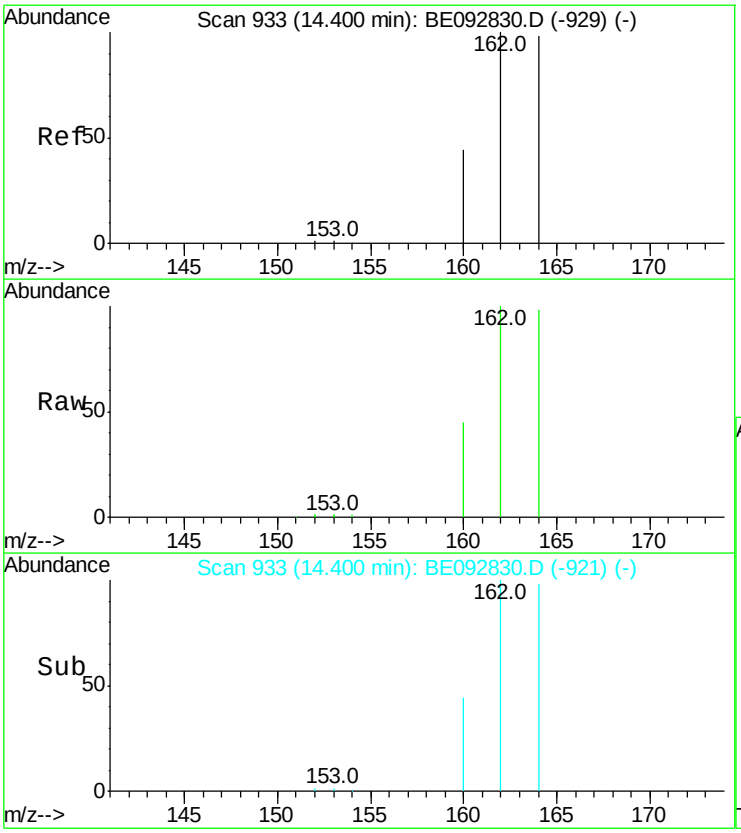
#11
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.21 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:142 Resp: 1804

Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.7	110.5
115	43.1	34.0	51.0

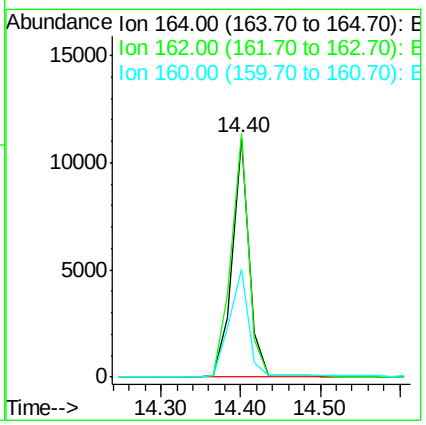


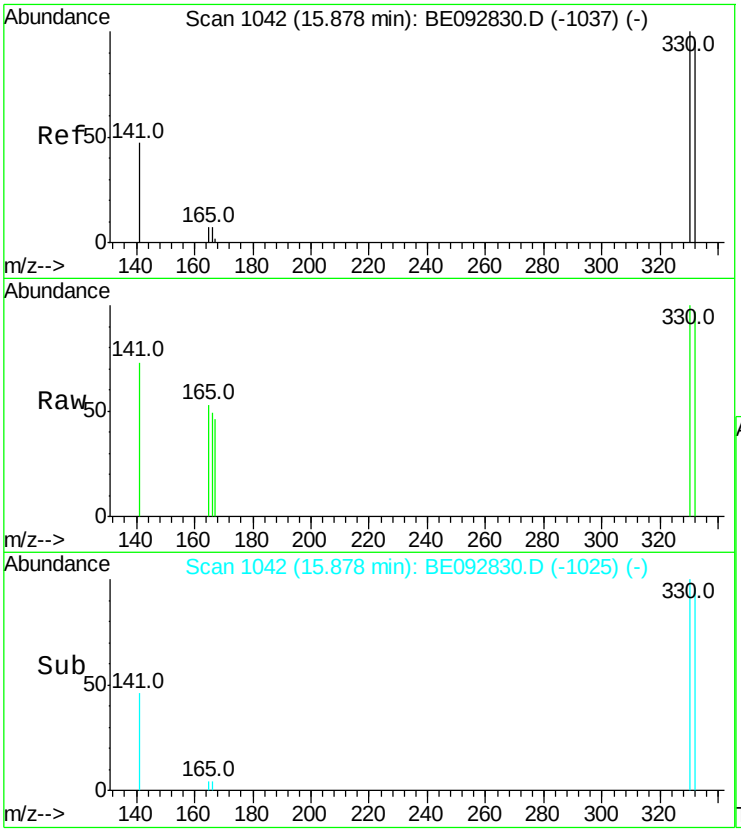


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.40 min Scan# 933
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Tgt Ion:164 Resp: 16223

Ion	Ratio	Lower	Upper
164	100		
162	102.1	71.4	107.0
160	45.5	27.4	41.2#



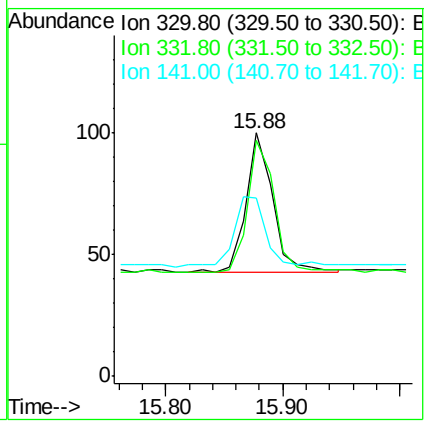


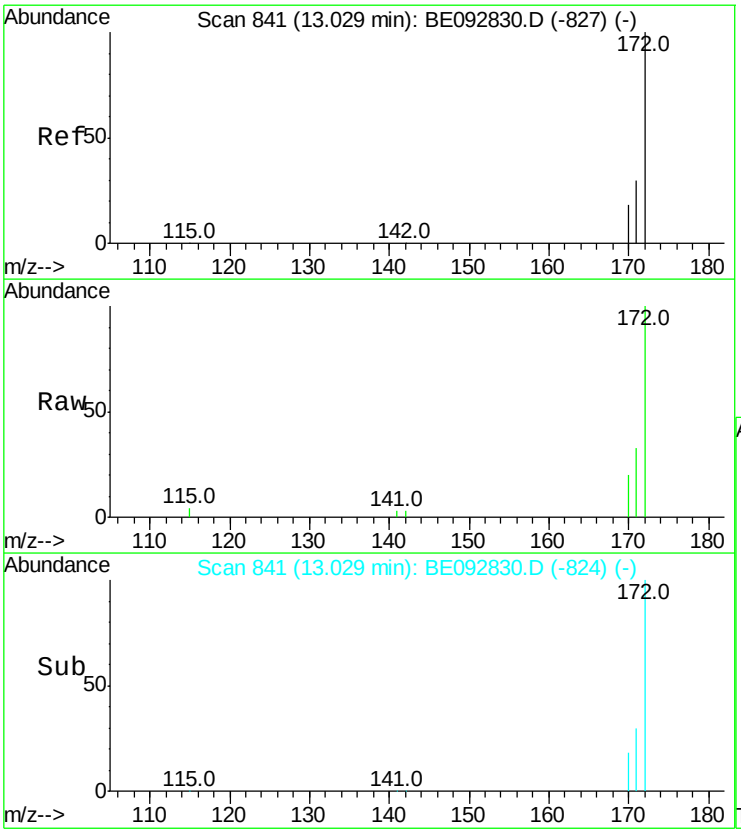
#13
2,4,6-Tribromophenol
Concen: 0.21 ng
RT: 15.88 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:330 Resp: 91

Ion	Ratio	Lower	Upper
330	100		
332	94.5	75.4	113.0
141	65.9	31.0	46.6#

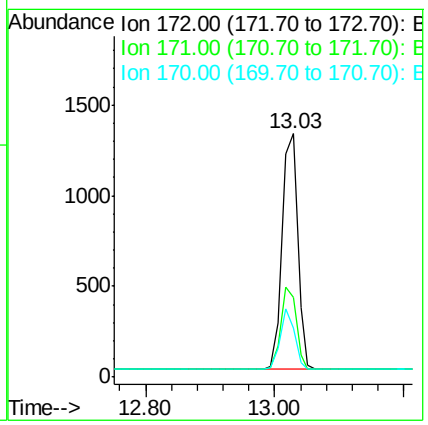


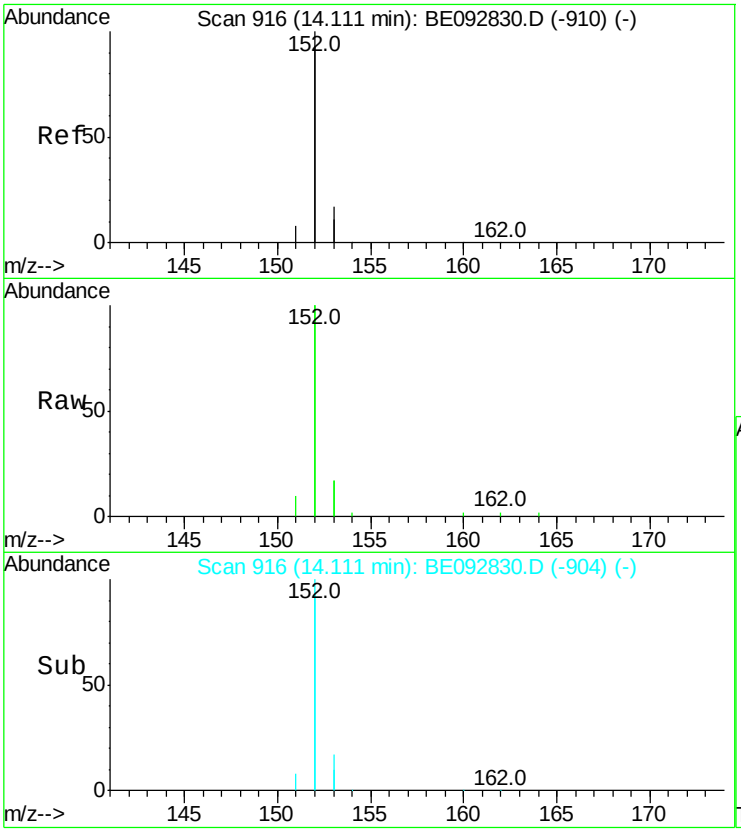


#14
2-Fluorobiphenyl
Concen: 0.57 ng
RT: 13.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Tgt Ion:172 Resp: 2163

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



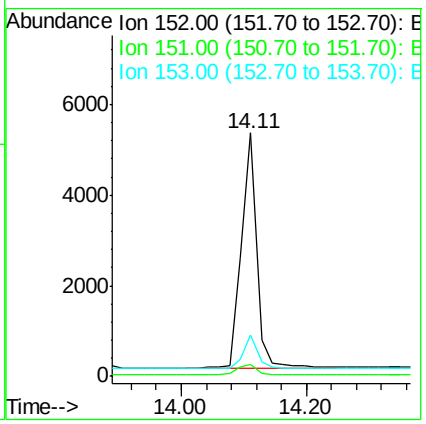


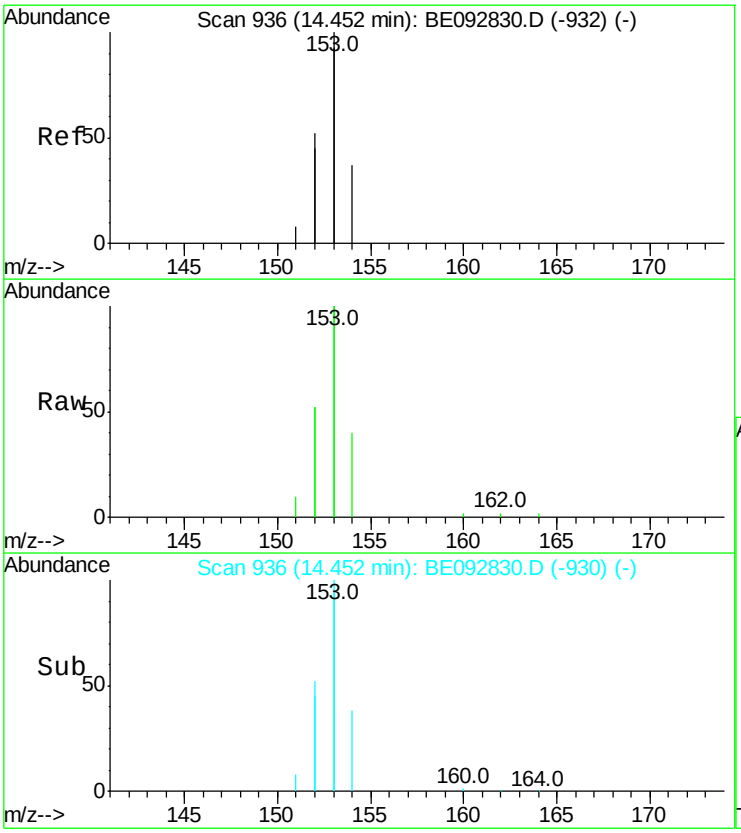
#15
Acenaphthylene
Concen: 0.36 ng
RT: 14.11 min Scan# 916
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 8895

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.3	10.4	15.6

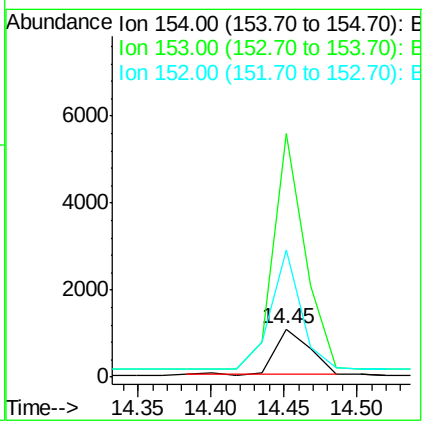


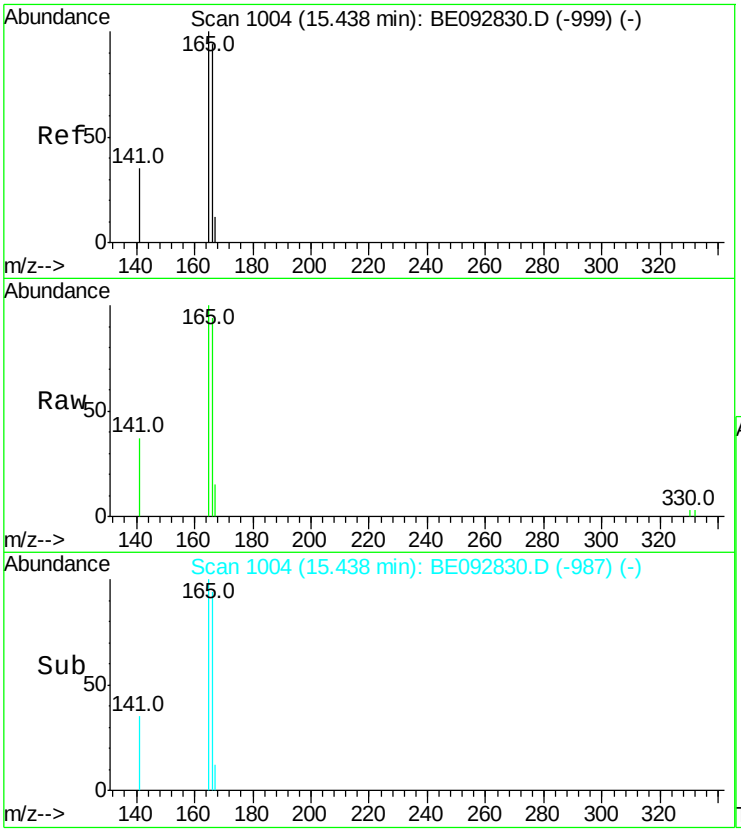


#16
Acenaphthene
Concen: 0.49 ng
RT: 14.45 min Scan# 936
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Tgt Ion:154 Resp: 1713

Ion	Ratio	Lower	Upper
154	100		
153	475.8	350.8	526.2
152	231.2	171.1	256.7



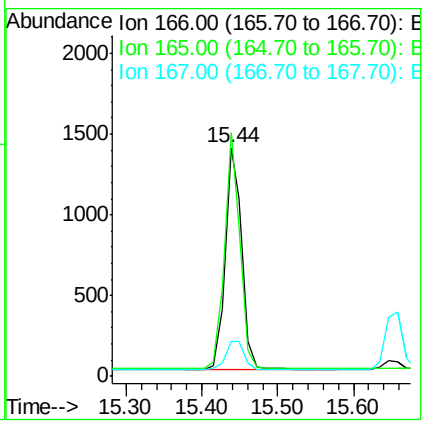


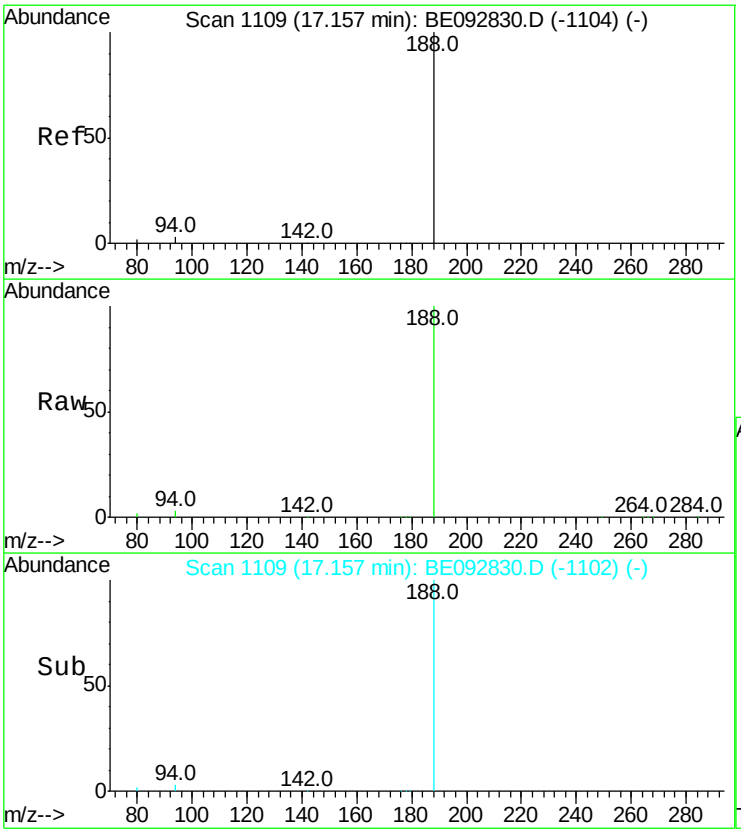
#17
Fluorene
Concen: 0.44 ng
RT: 15.44 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:166 Resp: 2092

Ion	Ratio	Lower	Upper
166	100		
165	100.0	78.2	117.4
167	14.1	11.0	16.4

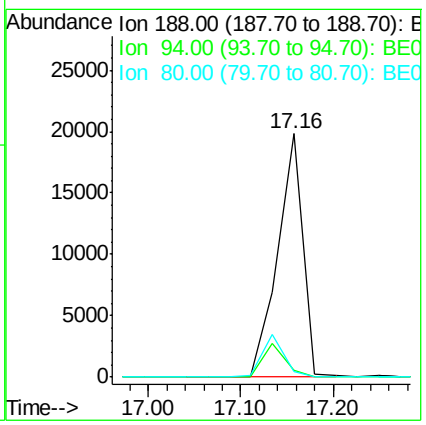


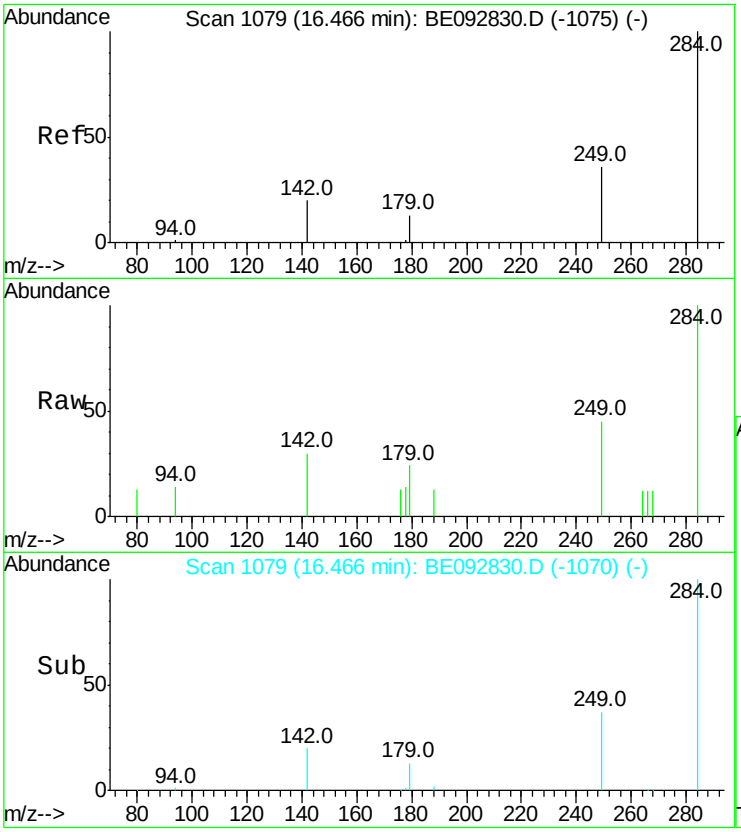


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1109
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Tgt Ion:188 Resp: 37253

Ion	Ratio	Lower	Upper
188	100		
94	3.0	3.2	4.8#
80	2.4	2.6	3.8#



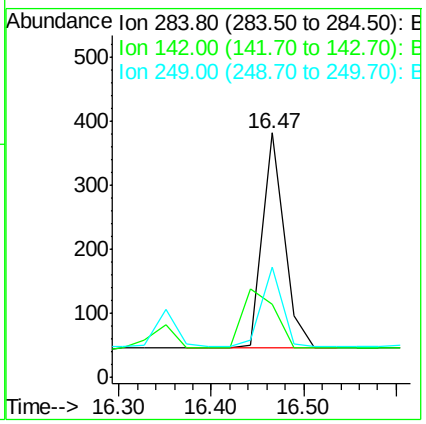


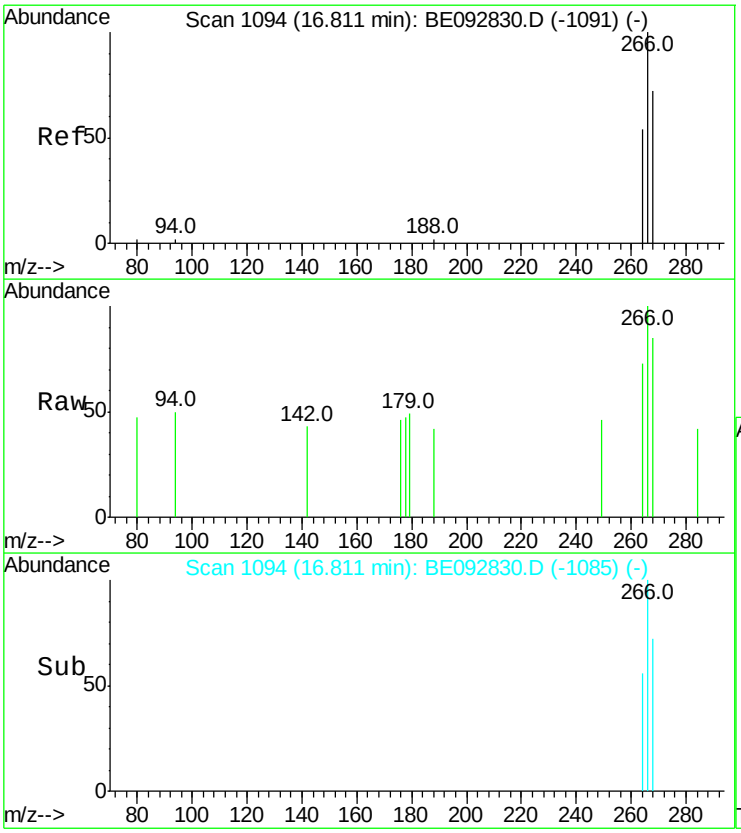
#19
Hexachlorobenzene
Concen: 0.36 ng
RT: 16.47 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:284 Resp: 542

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	34.9	27.9	41.9

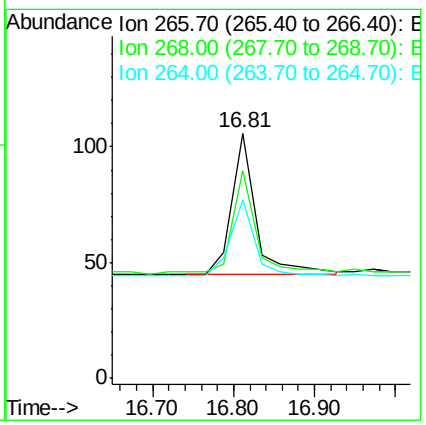


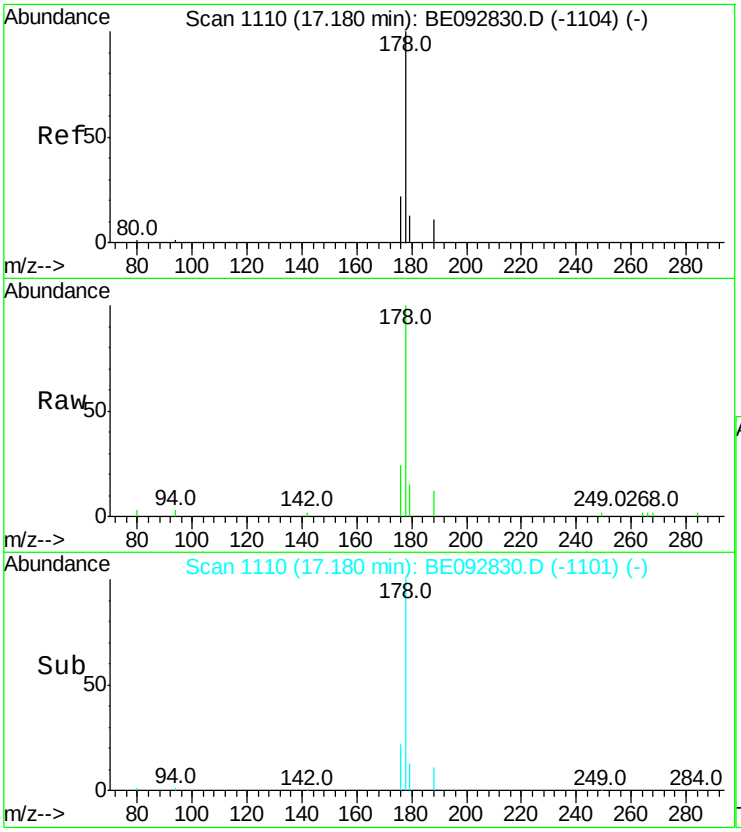


#20
Pentachlorophenol
Concen: 0.24 ng
RT: 16.81 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Tgt Ion:266 Resp: 122

Ion	Ratio	Lower	Upper
266	100		
268	84.9	62.5	93.7
264	72.6	57.2	85.8



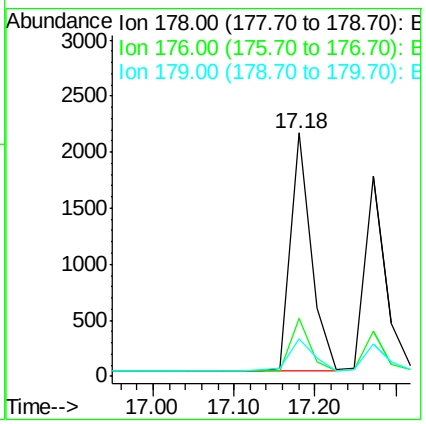


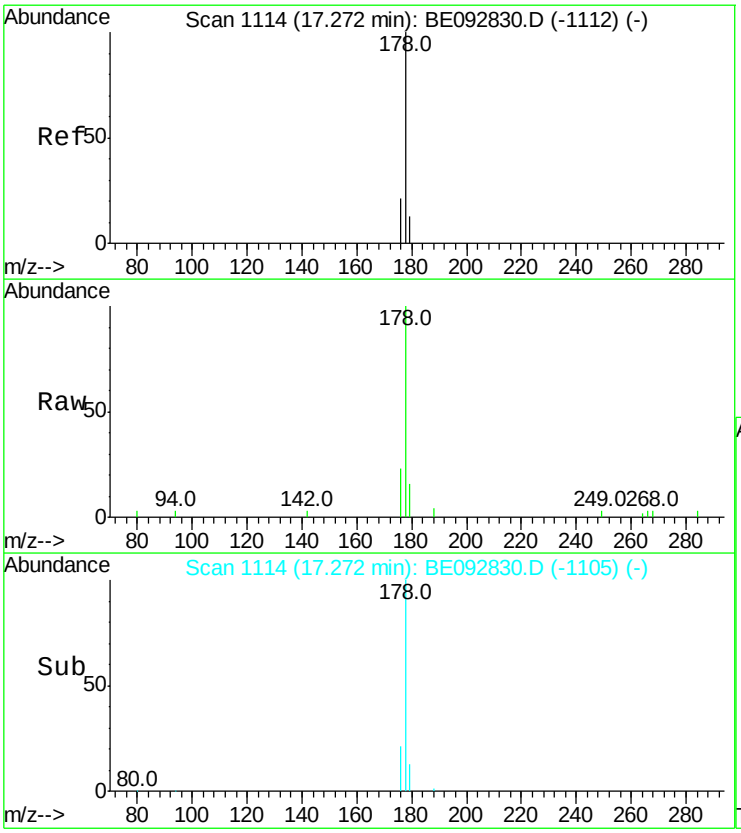
#21
Phenanthrene
Concen: 0.42 ng
RT: 17.18 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 3745

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.4	16.0	24.0#

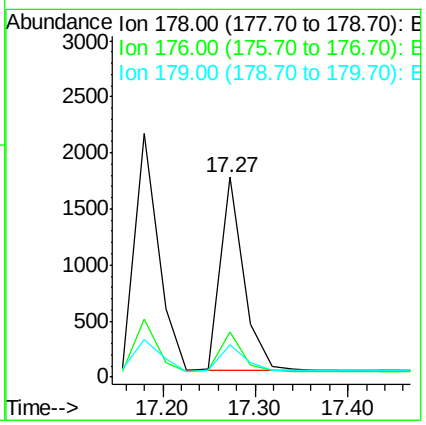


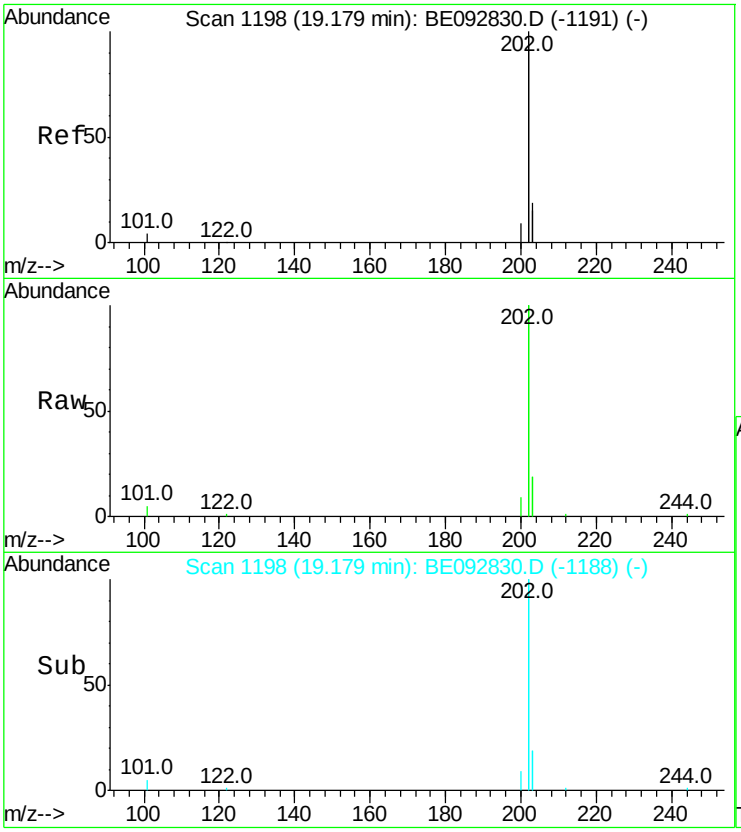


#22
Anthracene
Concen: 0.34 ng
RT: 17.27 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Tgt Ion:178 Resp: 3052

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.0	22.4
179	14.5	12.2	18.2



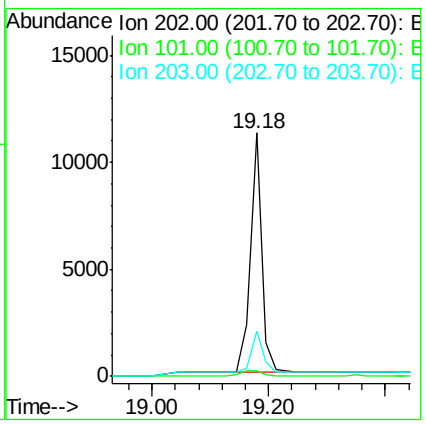


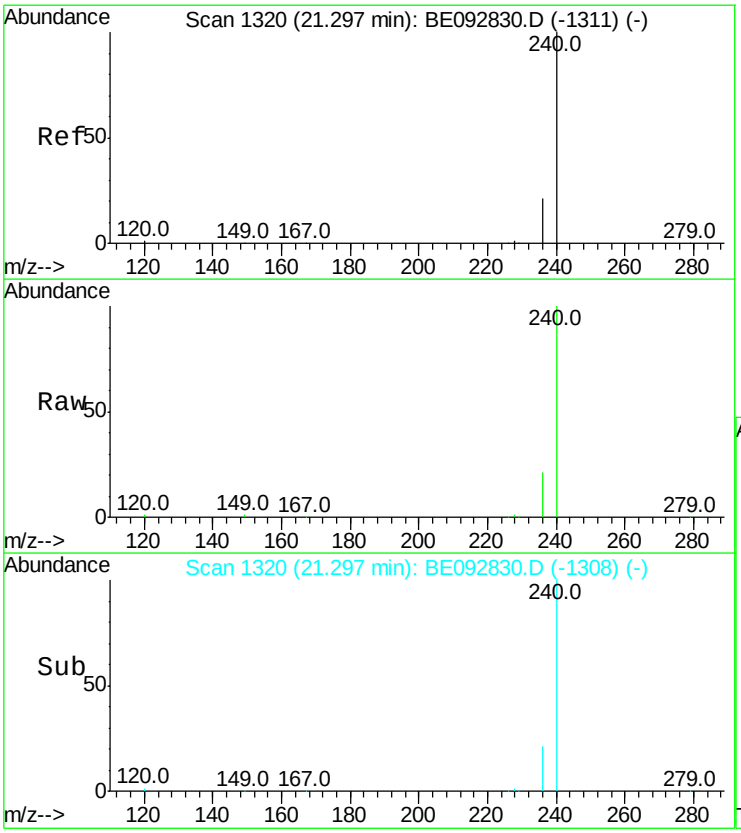
#23
Fluoranthene
Concen: 0.36 ng
RT: 19.18 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:202 Resp: 15491

Ion	Ratio	Lower	Upper
202	100		
101	3.1	2.2	3.4
203	17.9	13.7	20.5

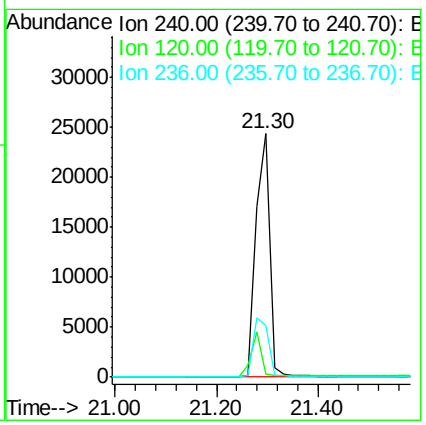


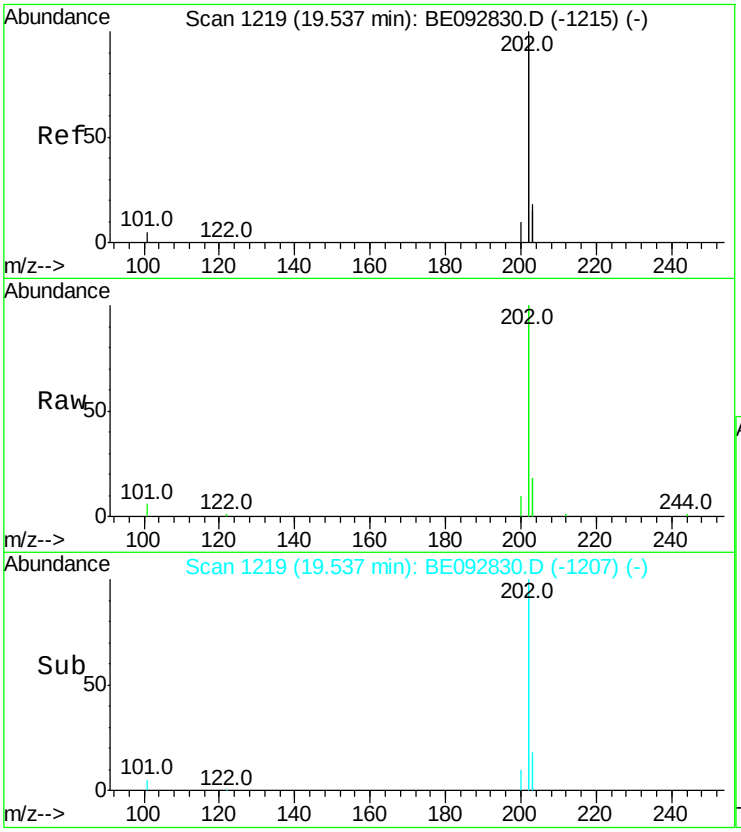


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.30 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Tgt Ion:240 Resp: 44705

Ion	Ratio	Lower	Upper
240	100		
120	1.5	2.6	4.0#
236	21.2	24.6	37.0#



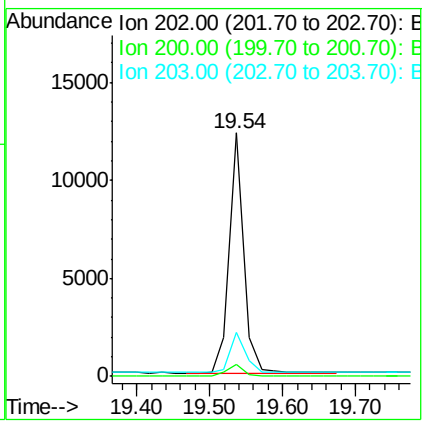


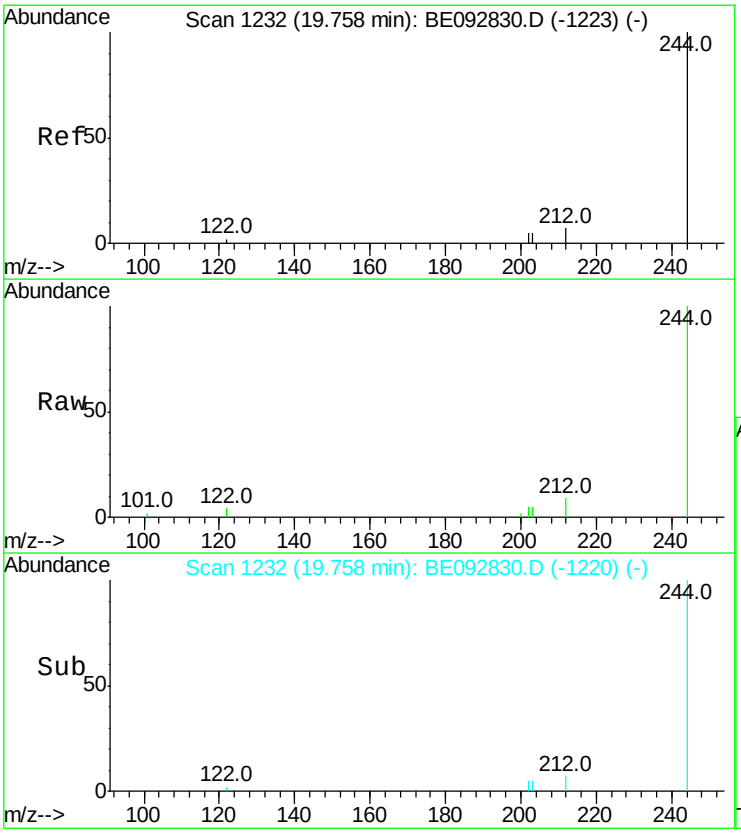
#25
Pyrene
Concen: 0.41 ng
RT: 19.54 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:202 Resp: 16572

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

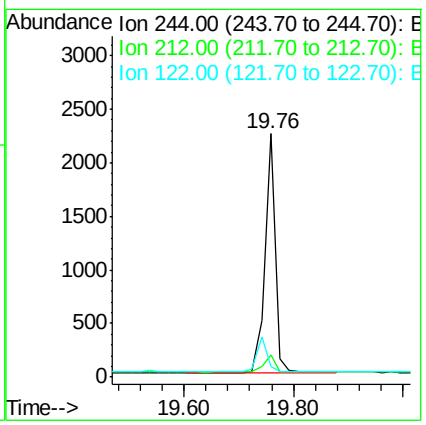


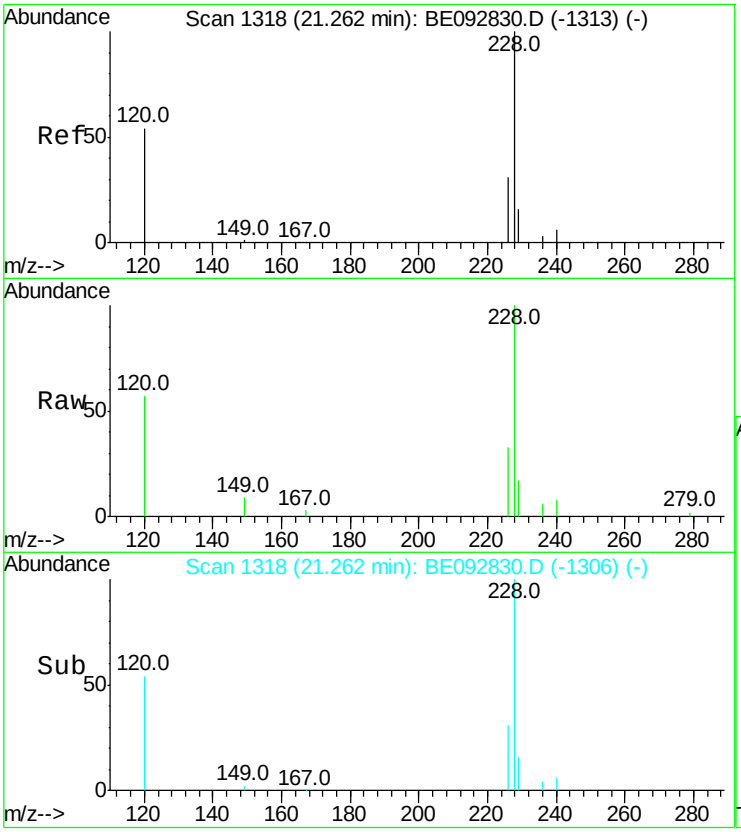


#26
Terphenyl-d14
Concen: 0.55 ng
RT: 19.76 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Tgt Ion:244 Resp: 2957

Ion	Ratio	Lower	Upper
244	100		
212	9.2	6.7	10.1
122	4.1	3.6	5.4



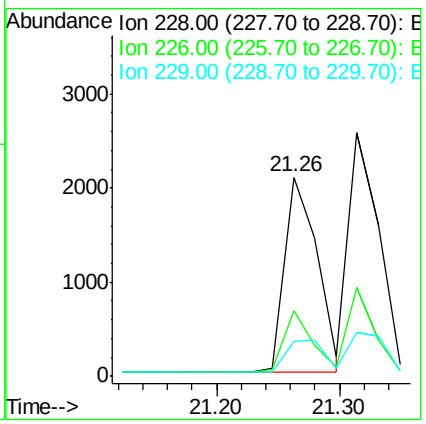


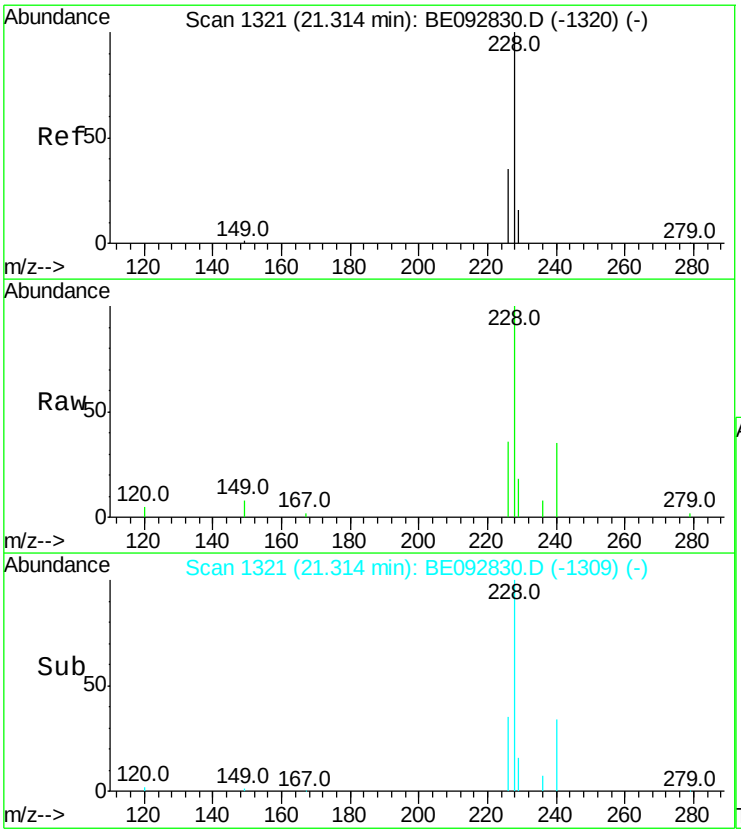
#27
Benzo(a)anthracene
Concen: 0.09 ng
RT: 21.26 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 3861

Ion	Ratio	Lower	Upper
228	100		
226	32.9	23.6	35.4
229	17.5	13.3	19.9

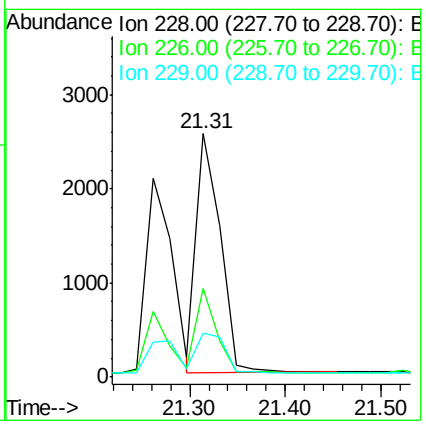


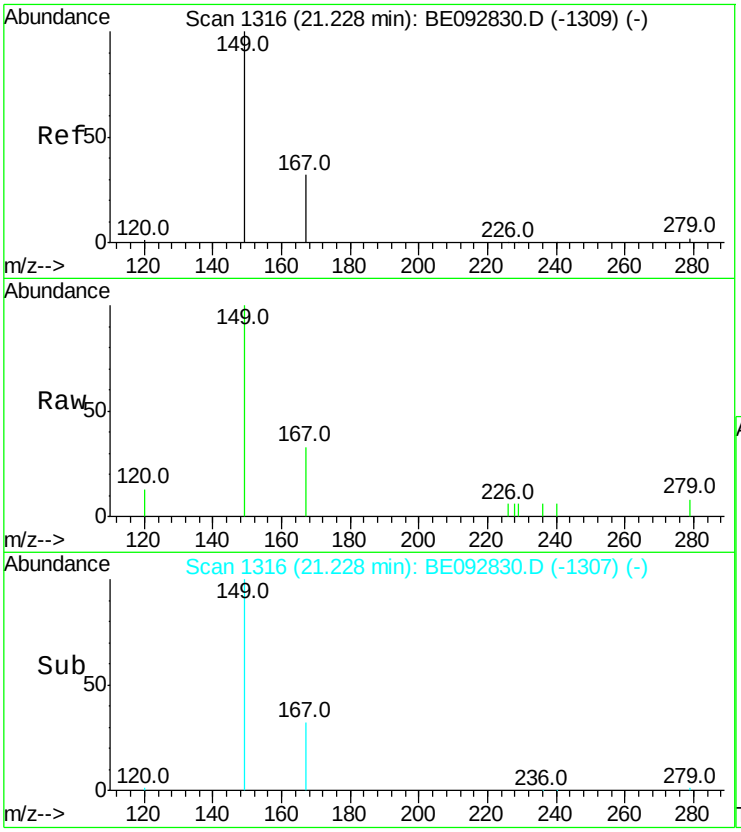


#28
Chrysene
Concen: 0.11 ng
RT: 21.31 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Tgt Ion:228 Resp: 4395

Ion	Ratio	Lower	Upper
228	100		
226	36.2	36.3	54.5#
229	17.8	10.6	16.0#



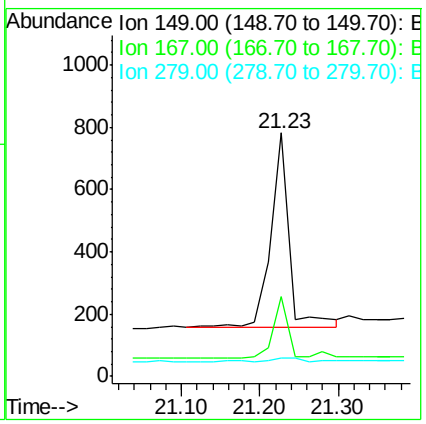


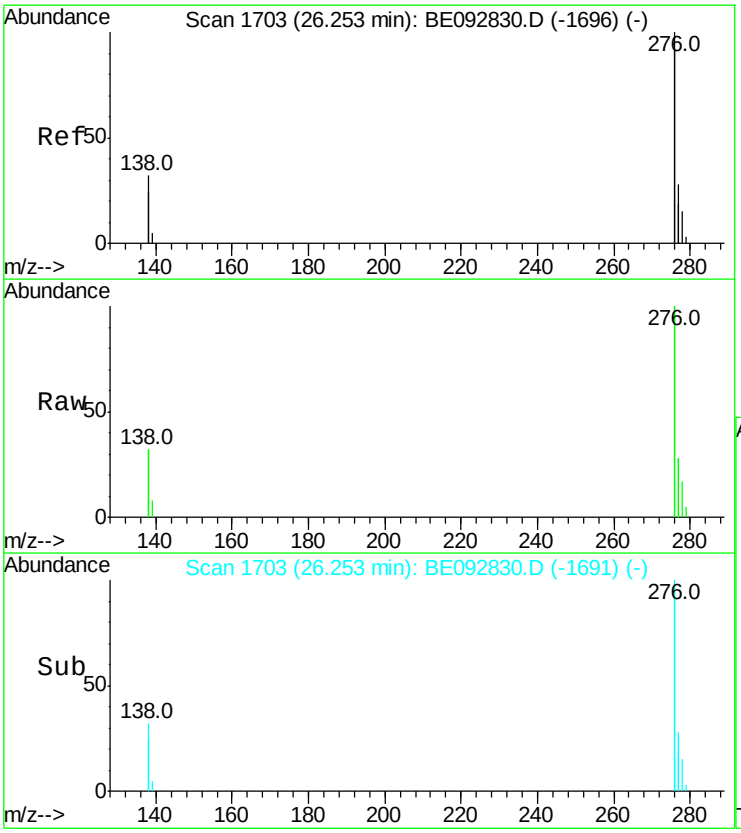
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.21 ng
RT: 21.23 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:149 Resp: 1019

Ion	Ratio	Lower	Upper
149	100		
167	24.7	16.0	24.0#
279	2.5	16.0	24.0#

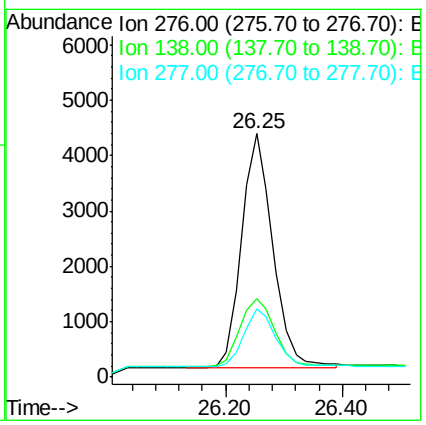


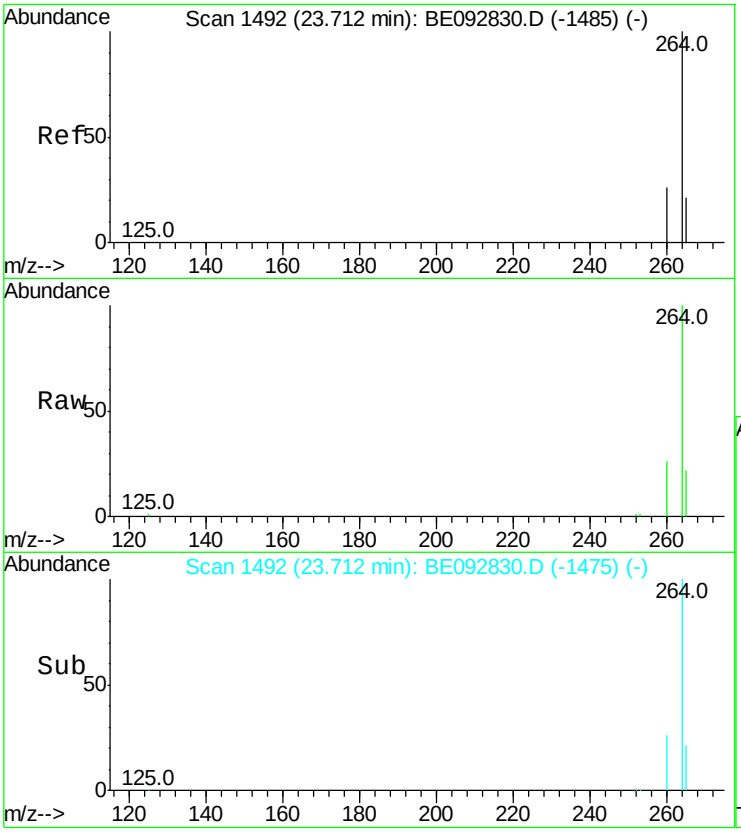


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.35 ng
RT: 26.25 min Scan# 1703
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Tgt Ion:276 Resp: 15685

Ion	Ratio	Lower	Upper
276	100		
138	32.4	20.3	30.5#
277	25.1	19.7	29.5



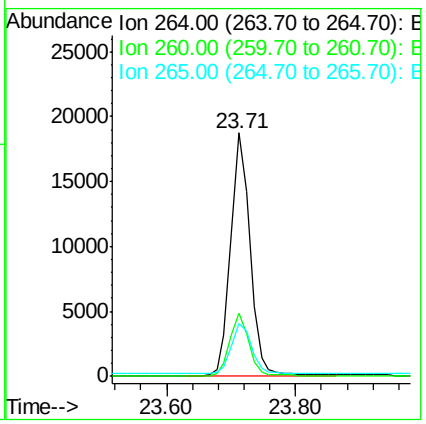


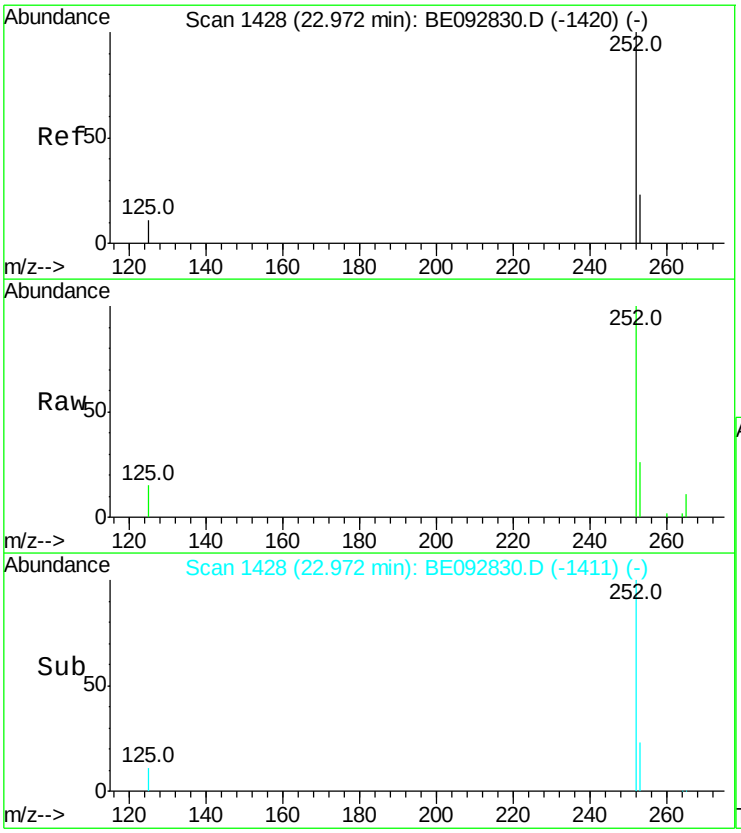
#31
Perylene-d12
Concen: 5.00 ng
RT: 23.71 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:264 Resp: 38675

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.1	30.1
265	22.0	17.9	26.9

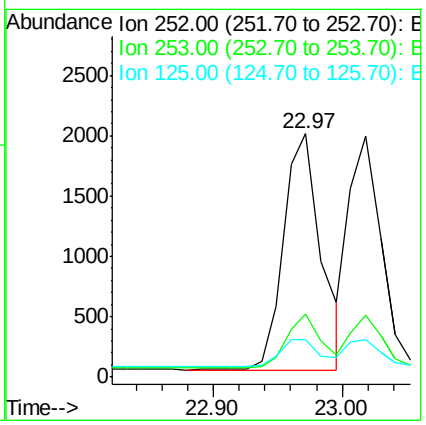


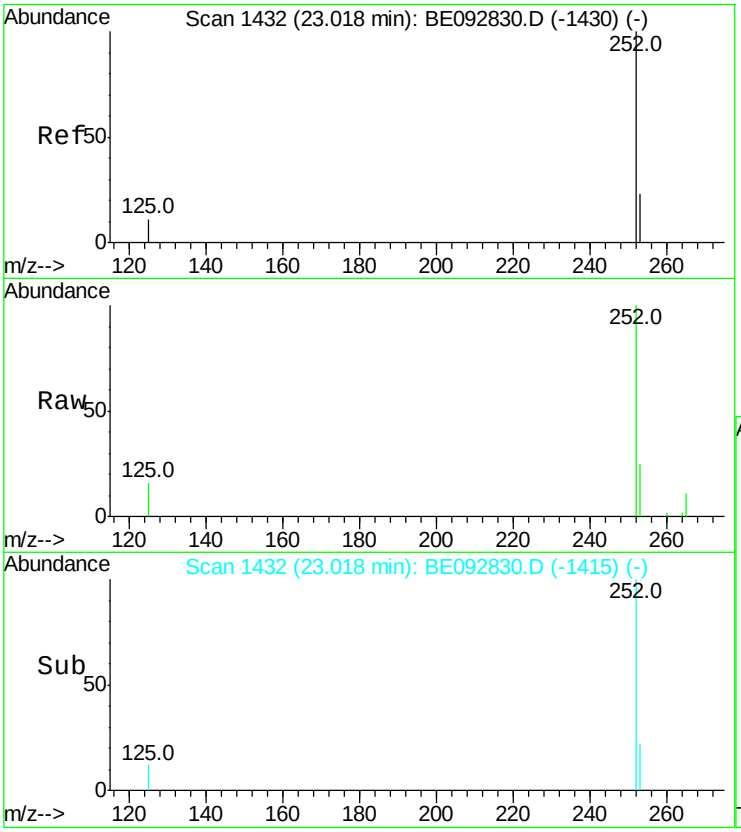


#32
Benzo(b)fluoranthene
Concen: 0.39 ng
RT: 22.97 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Tgt Ion:252 Resp: 3978

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.7	28.1
125	15.3	10.5	15.7



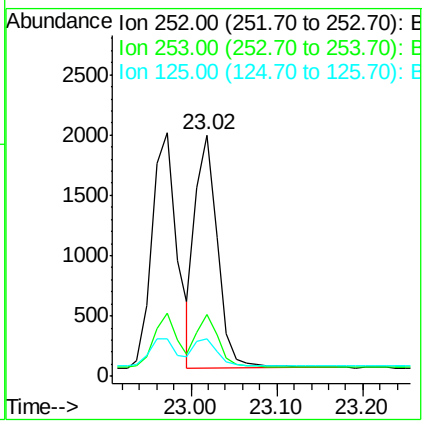


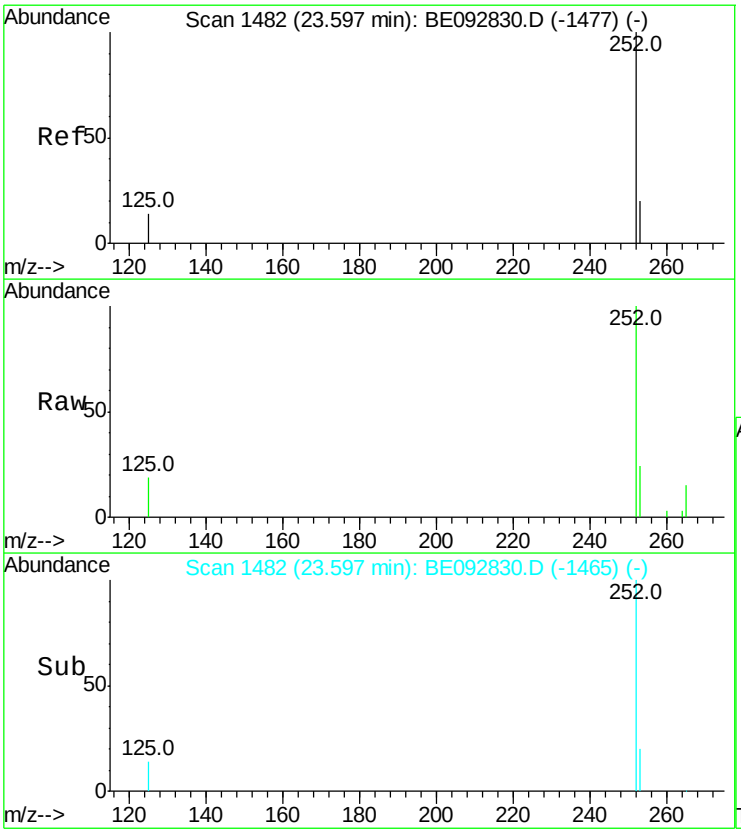
#33
Benzo(k)fluoranthene
Concen: 0.33 ng
RT: 23.02 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 3470

Ion	Ratio	Lower	Upper
252	100		
253	25.4	20.3	30.5
125	15.7	9.6	14.4#

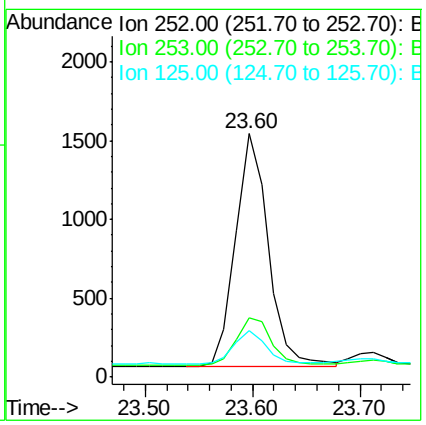


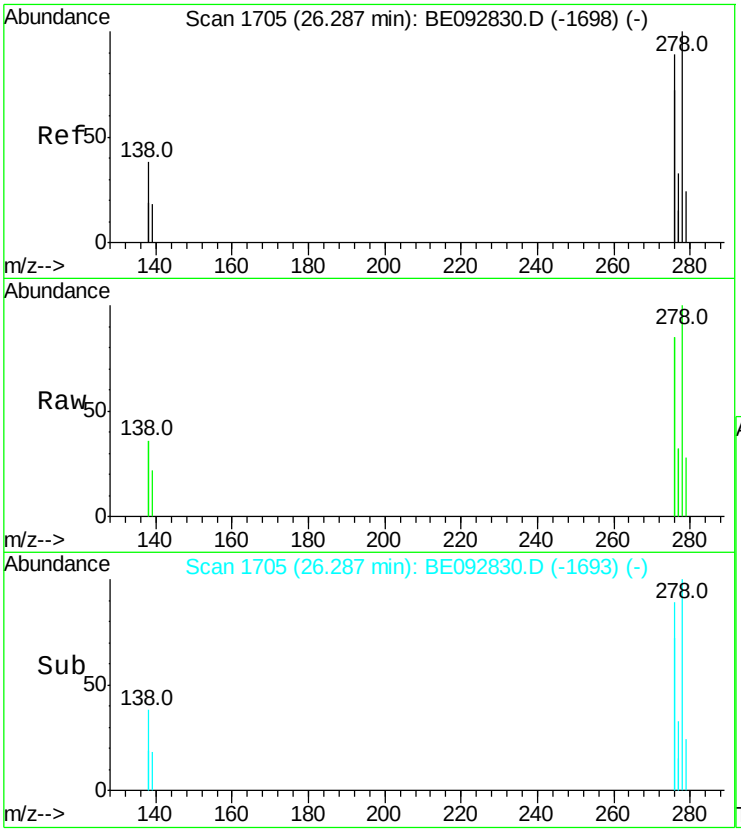


#34
Benzo(a)pyrene
Concen: 0.34 ng
RT: 23.60 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Tgt Ion:252 Resp: 3146

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.0	28.6
125	19.2	11.8	17.8#



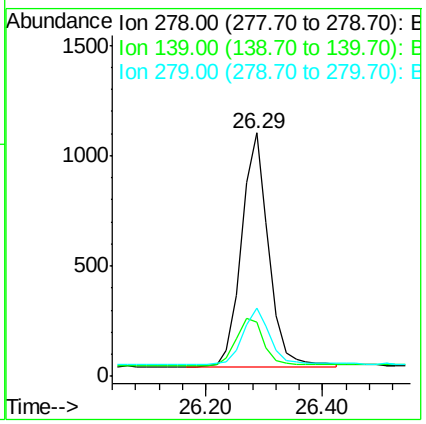


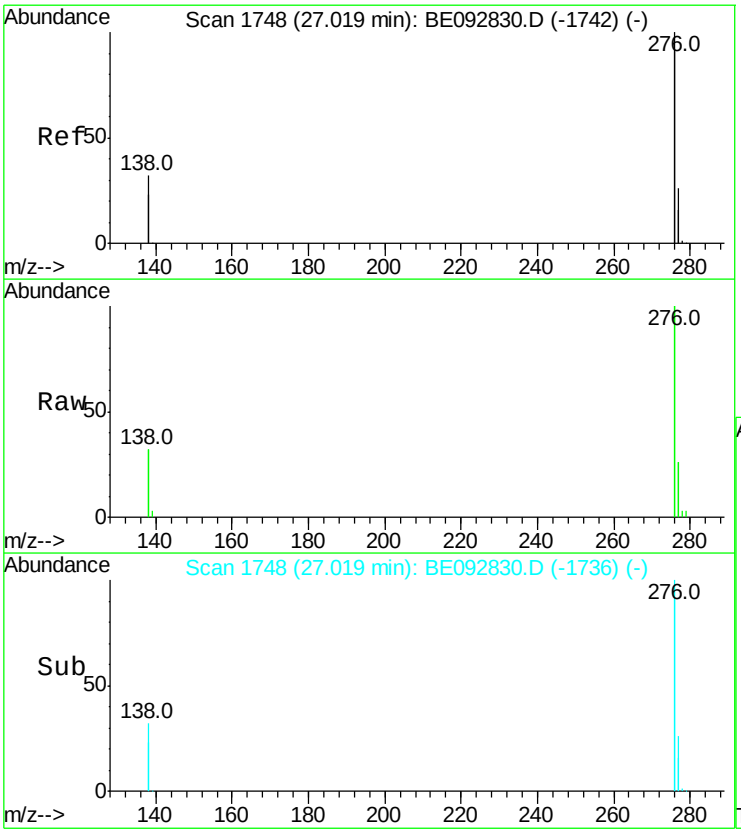
#35
Dibenzo(a,h)anthracene
Concen: 0.38 ng
RT: 26.29 min Scan# 1705
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:278 Resp: 3412

Ion	Ratio	Lower	Upper
278	100		
139	22.2	13.8	20.8#
279	27.8	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.38 ng
RT: 27.02 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BE092830.D
Acq: 28 Mar 2017 10:47

Tgt Ion:276 Resp: 14614

Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.8	29.8
138	32.4	19.8	29.6#