Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032817\
Data File : BE092832.D
Acq On : 28 Mar 2017 11:59
Operator : SJ/MA
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC1.6

Quant Time: Mar 28 13:08:43 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	7414	5.00	ng		0.00
7) Naphthalene-d8	10.54	136	33634	5.00	ng		0.00
12) Acenaphthene-d10	14.40	164	16621	5.00	ng		0.00
18) Phenanthrene-d10	17.16	188	36737	5.00	ng		0.00
24) Chrysene-d12	21.30	240	42996	5.00	ng		0.00
31) Perylene-d12	23.71	264	37502	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	2656	1.69	ng		0.00
5) Phenol-d6	6.94	99	3882	2.08	ng		0.00
8) Nitrobenzene-d5	8.93	82	2890	1.41	ng		0.00
13) 2,4,6-Tribromophenol	15.88	330	392	0.90	ng		0.00
14) 2-Fluorobiphenyl	13.02	172	8861	2.26	ng		-0.01
26) Terphenyl-d14	19.76	244	11665	2.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	1503	1.36	ng		95
3) n-Nitrosodimethylamine	3.61	42	1609	1.29	ng		85
6) bis(2-Chloroethyl)ether	7.20	93	3905	1.92	ng	#	46
9) Naphthalene	10.58	128	11505	1.60	ng	#	96
10) Hexachlorobutadiene	10.89	225	1548	1.49	ng		99
11) 2-Methylnaphthalene	12.21	142	7382	1.59	ng		98
15) Acenaphthylene	14.11	152	40388	1.58	ng		100
16) Acenaphthene	14.45	154	7260	2.03	ng		92
17) Fluorene	15.44	166	8739	1.80	ng		99
19) Hexachlorobenzene	16.47	284	2275	1.51	ng	#	68
20) Pentachlorophenol	16.81	266	531	1.05	ng		91
21) Phenanthrene	17.18	178	14677	1.67	ng	#	94
22) Anthracene	17.27	178	12987	1.46	ng		98
23) Fluoranthene	19.18	202	63863	1.49	ng		99
25) Pyrene	19.54	202	69780	1.79	ng		99
27) Benzo(a)anthracene	21.26	228	16017	0.37	ng		96
28) Chrysene	21.31	228	17206	0.44	ng	#	86
29) Bis(2-ethylhexyl)phthalate	21.23	149	4145	0.88	ng	#	74
30) Indeno(1,2,3-cd)pyrene	26.25	276	65001	1.52	ng	#	93
32) Benzo(b)fluoranthene	22.97	252	16029	1.60	ng		99
33) Benzo(k)fluoranthene	23.02	252	14355	1.43	ng		95
34) Benzo(a)pyrene	23.60	252	13095	1.44	ng		97
35) Dibenzo(a,h)anthracene	26.29	278	14172	1.63	ng		97
36) Benzo(g,h,i)perylene	27.02	276	57753	1.56	ng	#	93

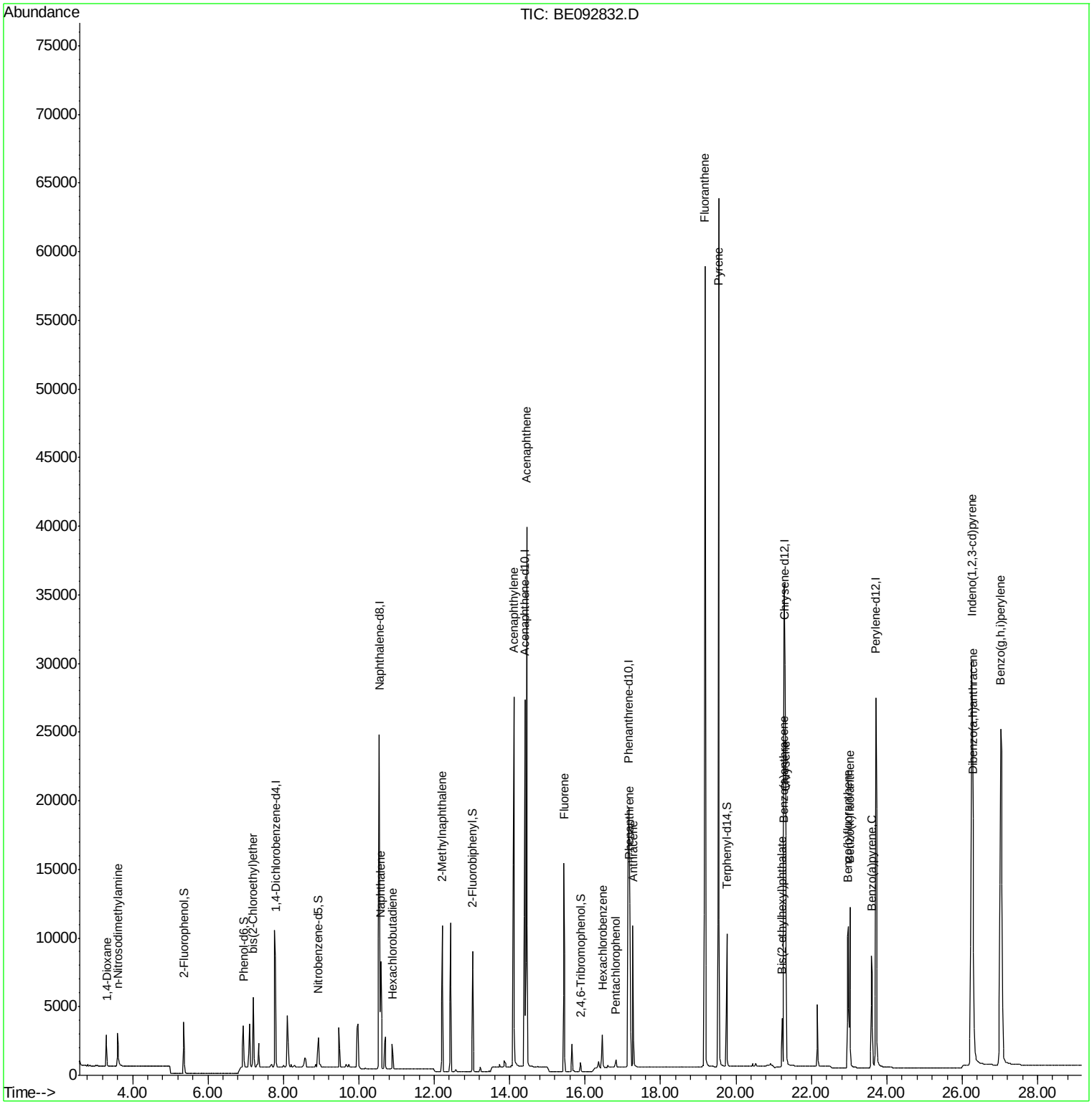
(#) = qualifier out of range (m) = manual integration (+) = signals summed

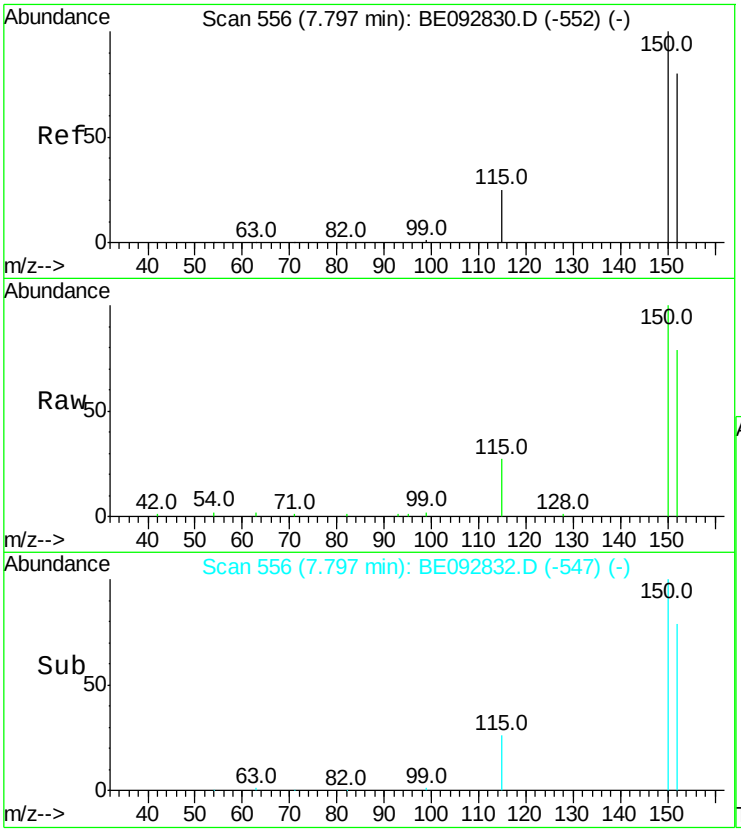
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032817\
Data File : BE092832.D
Acq On : 28 Mar 2017 11:59
Operator : SJ/MA
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Quant Time: Mar 28 13:08:43 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



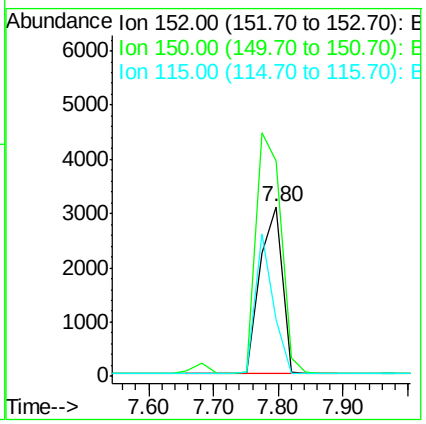


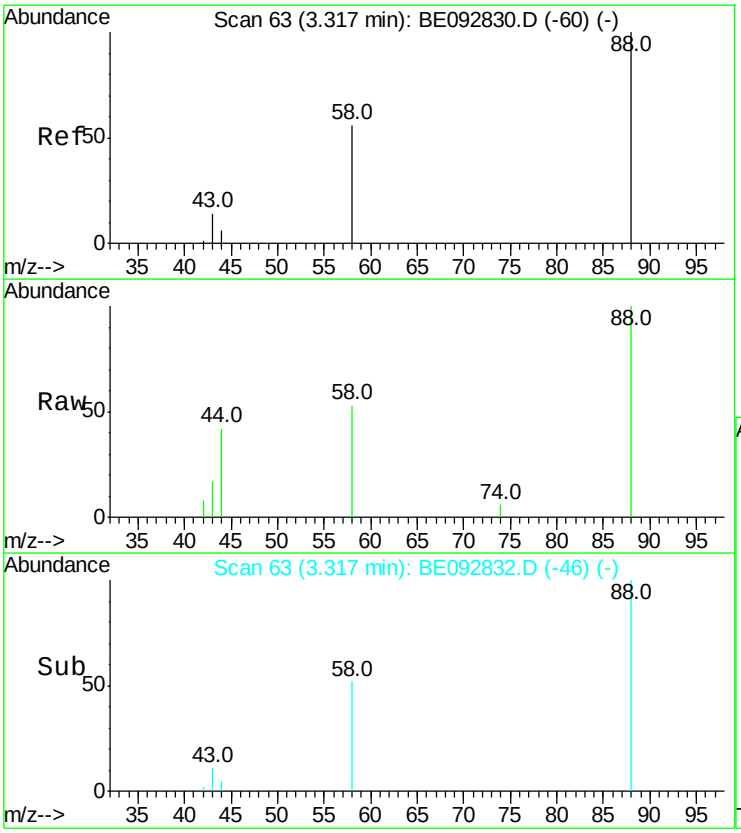
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 556
Delta R.T. -0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 7414

Ion	Ratio	Lower	Upper
152	100		
150	126.7	106.0	159.0
115	33.7	31.2	46.8

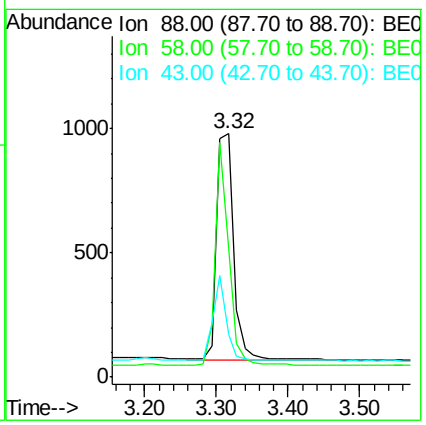


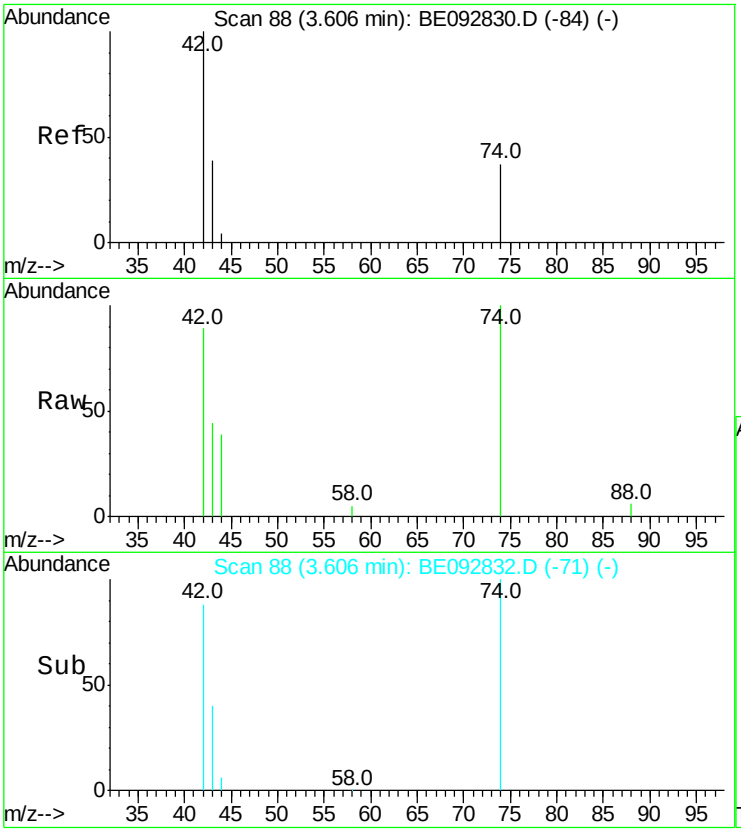


#2
1,4-Dioxane
Concen: 1.36 ng
RT: 3.32 min Scan# 63
Delta R.T. -0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Tgt Ion: 88 Resp: 1503

Ion	Ratio	Lower	Upper
88	100		
58	76.8	63.6	95.4
43	29.3	28.0	42.0



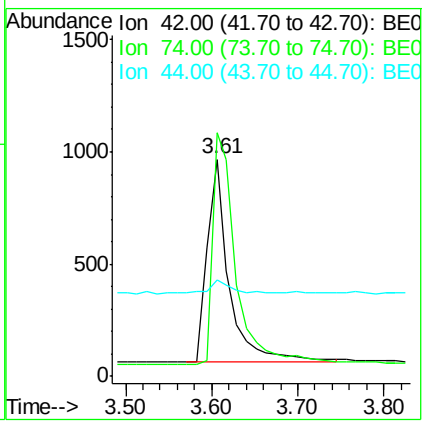


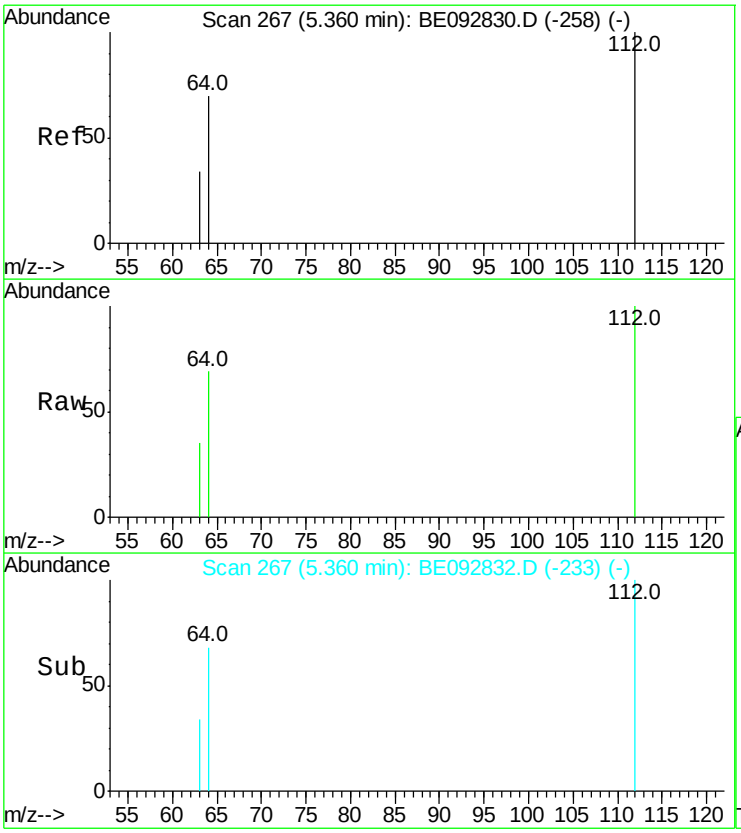
#3
n-Nitrosodimethylamine
Concen: 1.29 ng
RT: 3.61 min Scan# 88
Delta R.T. -0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 1609

Ion	Ratio	Lower	Upper
42	100		
74	123.4	86.0	129.0
44	5.7	5.1	7.7

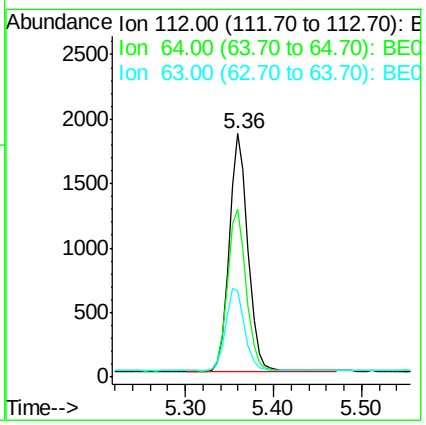


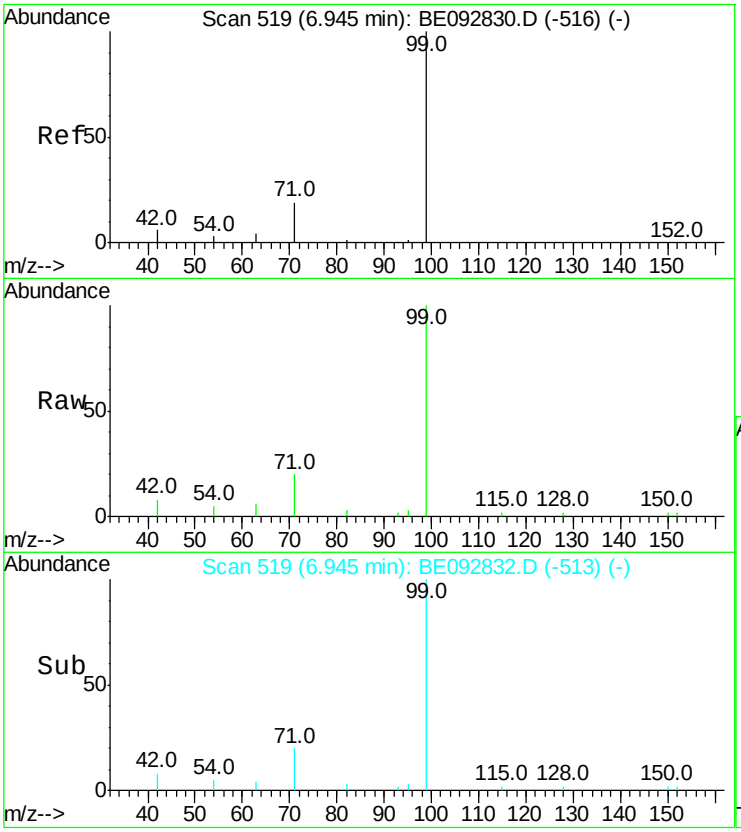


#4
2-Fluorophenol
Concen: 1.69 ng
RT: 5.36 min Scan# 267
Delta R.T. -0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Tgt Ion:112 Resp: 2656

Ion	Ratio	Lower	Upper
112	100		
64	69.2	53.5	80.3
63	35.8	27.9	41.9



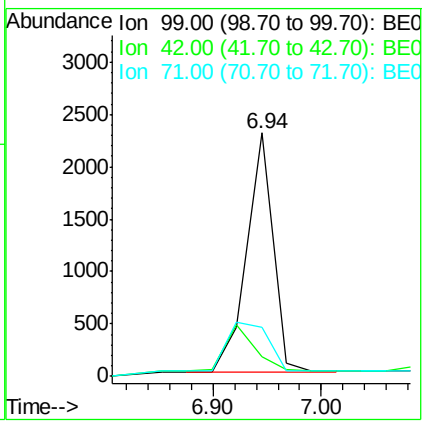


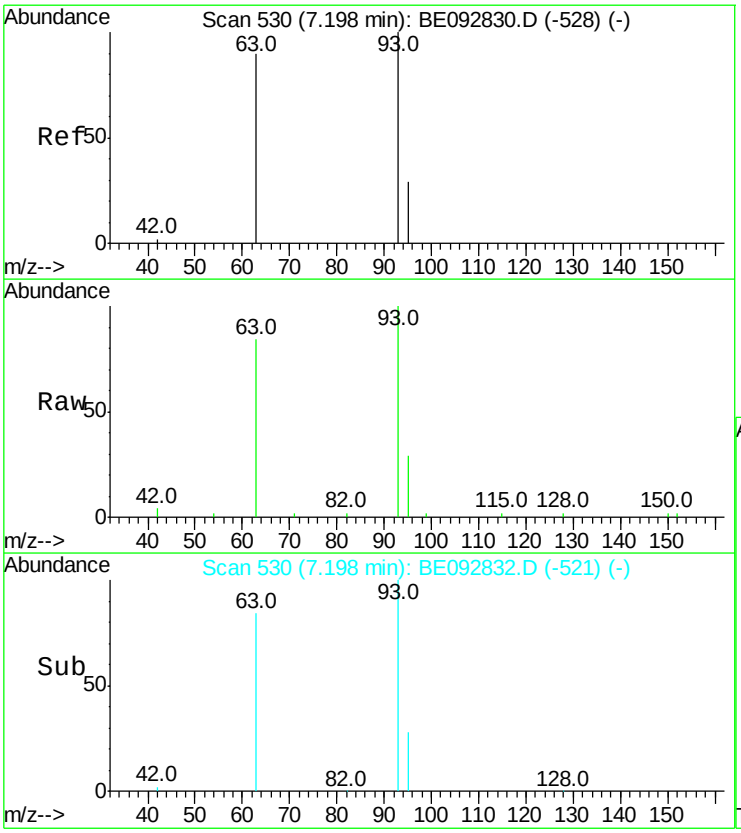
#5
Phenol-d6
Concen: 2.08 ng
RT: 6.94 min Scan# 519
Delta R.T. -0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 3882

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

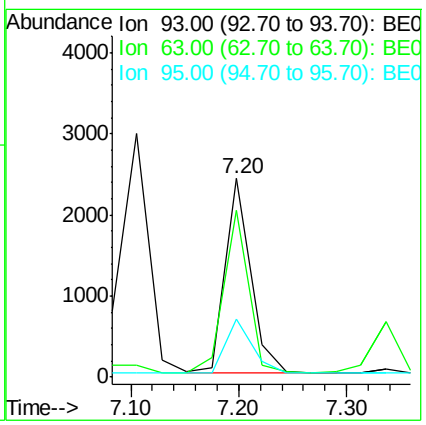


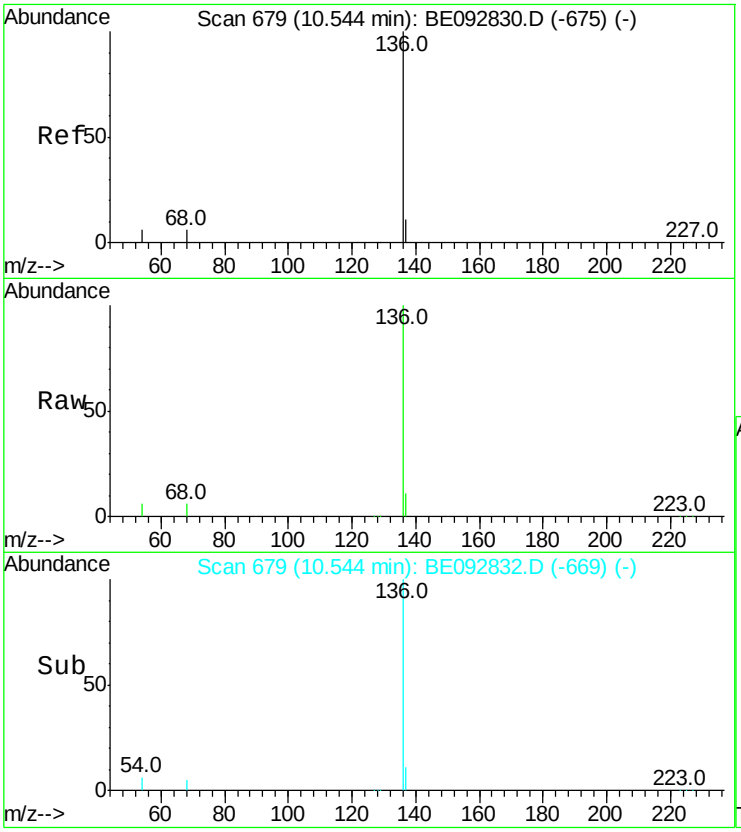


#6
bis(2-Chloroethyl)ether
Concen: 1.92 ng
RT: 7.20 min Scan# 530
Delta R.T. -0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Tgt Ion: 93 Resp: 3905

Ion	Ratio	Lower	Upper
93	100		
63	82.0	16.0	24.0#
95	29.9	24.0	36.0



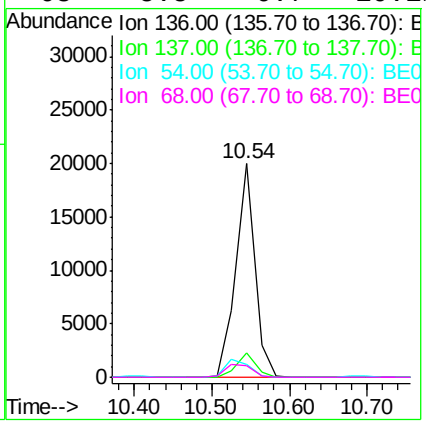


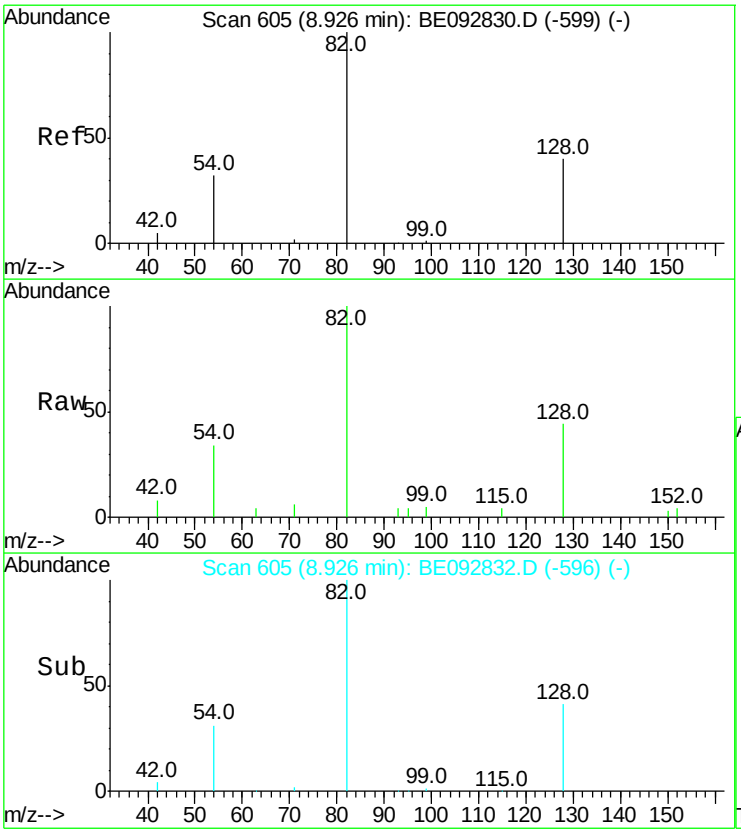
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.54 min Scan# 679
Delta R.T. -0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 33634

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.4
54	5.8	9.6	14.4#
68	5.5	6.7	10.1#

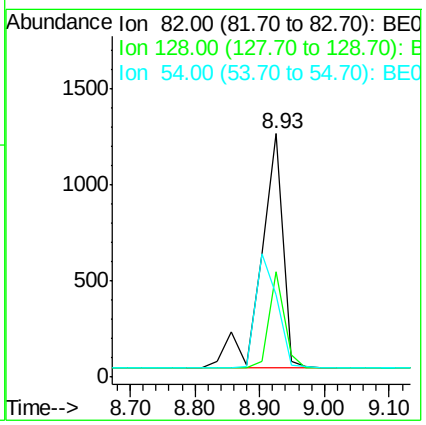


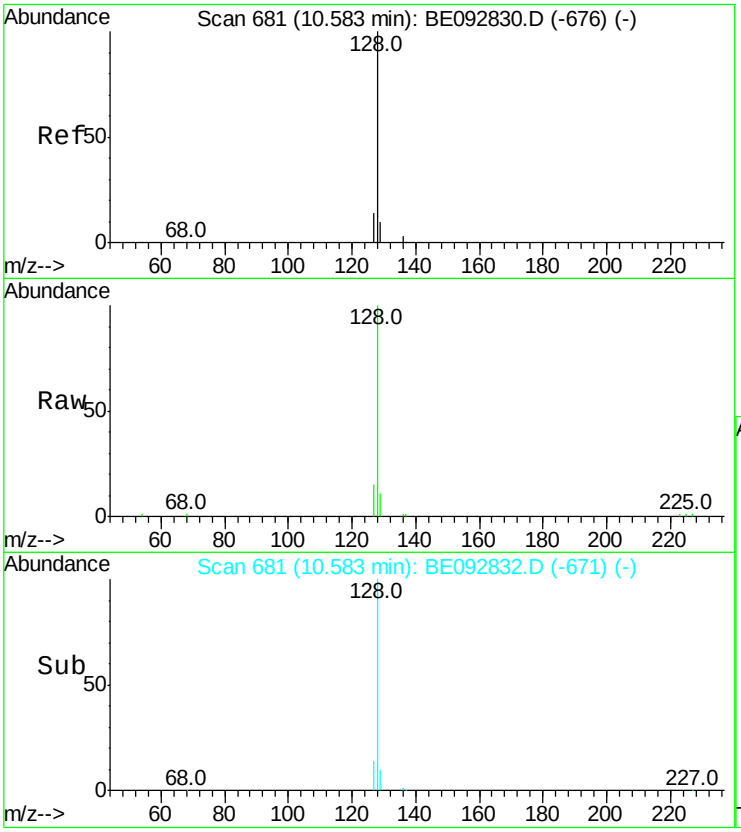


#8
Nitrobenzene-d5
Concen: 1.41 ng
RT: 8.93 min Scan# 605
Delta R.T. -0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Tgt Ion: 82 Resp: 2890

Ion	Ratio	Lower	Upper
82	100		
128	43.5	39.0	58.4
54	33.6	44.8	67.2#



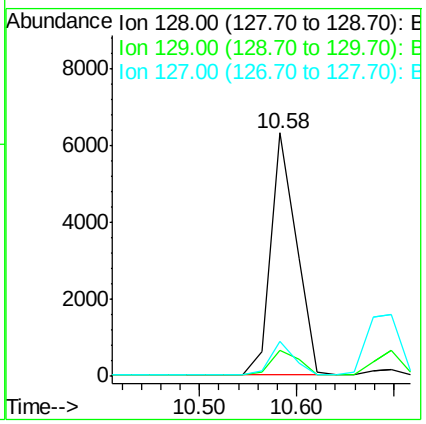


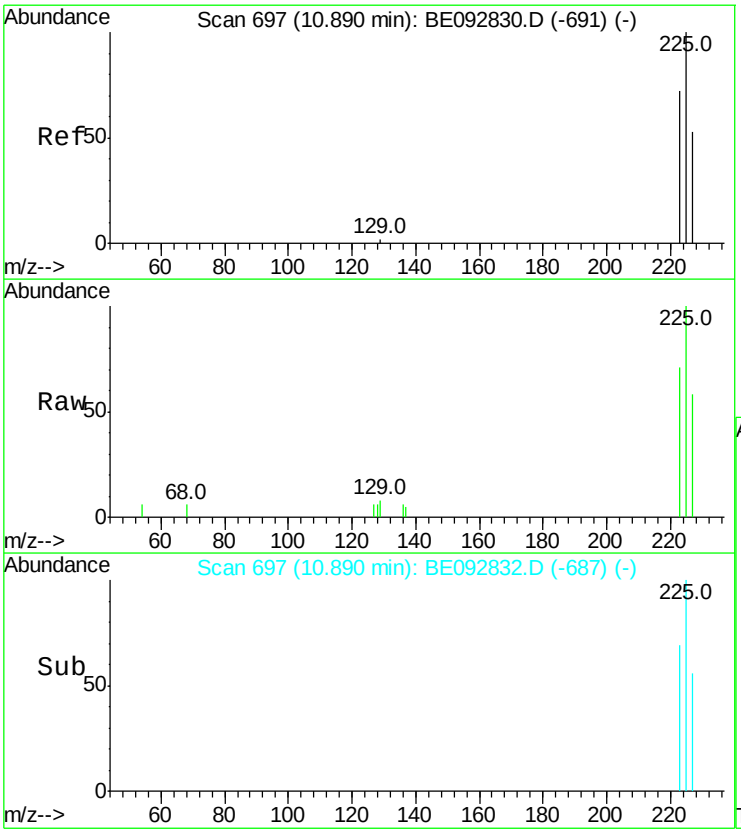
#9
Naphthalene
Concen: 1.60 ng
RT: 10.58 min Scan# 681
Delta R.T. -0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 11505

Ion	Ratio	Lower	Upper
128	100		
129	10.7	11.2	16.8#
127	14.6	11.6	17.4

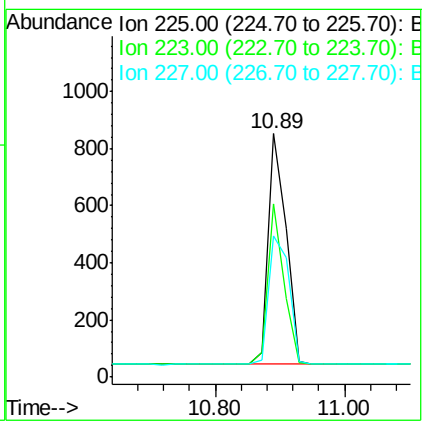


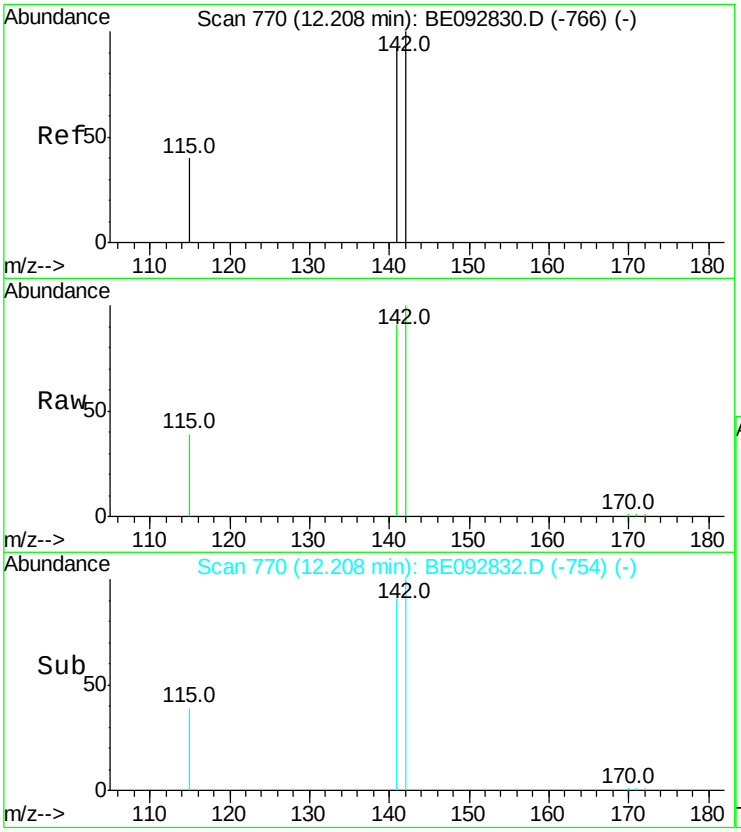


#10
Hexachlorobutadiene
Concen: 1.49 ng
RT: 10.89 min Scan# 697
Delta R.T. -0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Tgt Ion:225 Resp: 1548

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	63.3	51.4	77.0



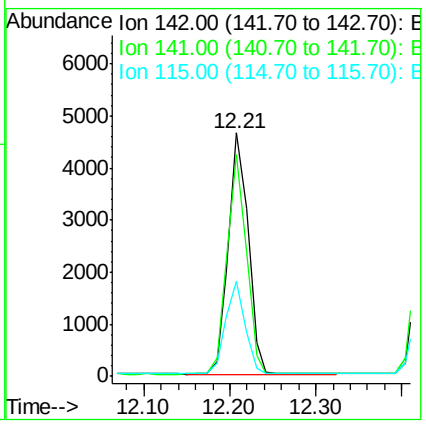


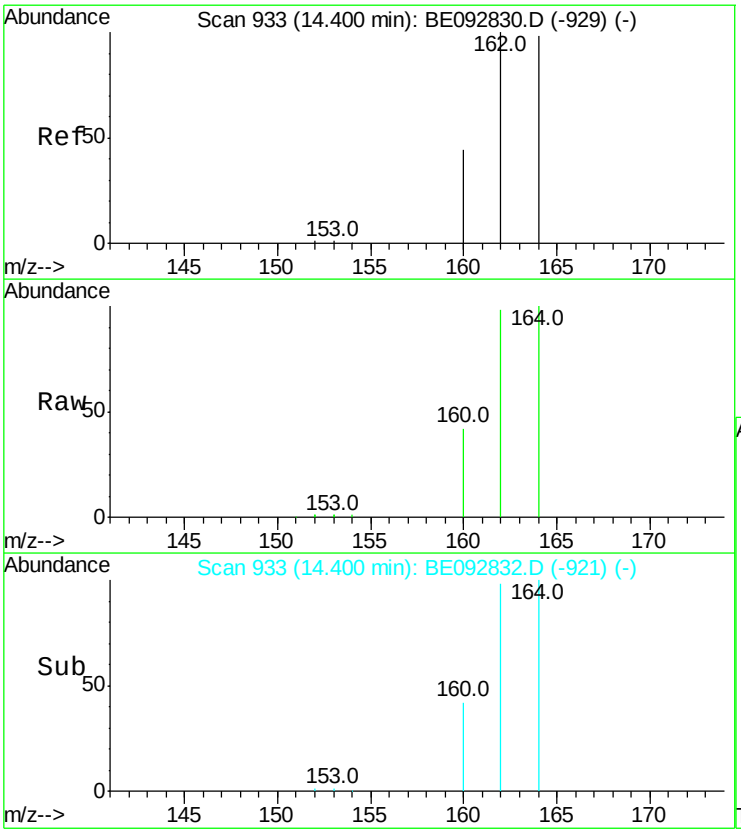
#11
2-Methylnaphthalene
Concen: 1.59 ng
RT: 12.21 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:142 Resp: 7382

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.7	110.5
115	38.8	34.0	51.0

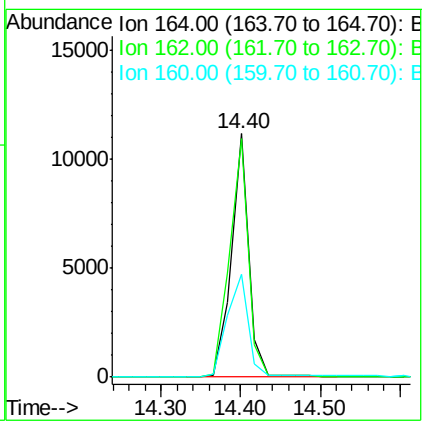


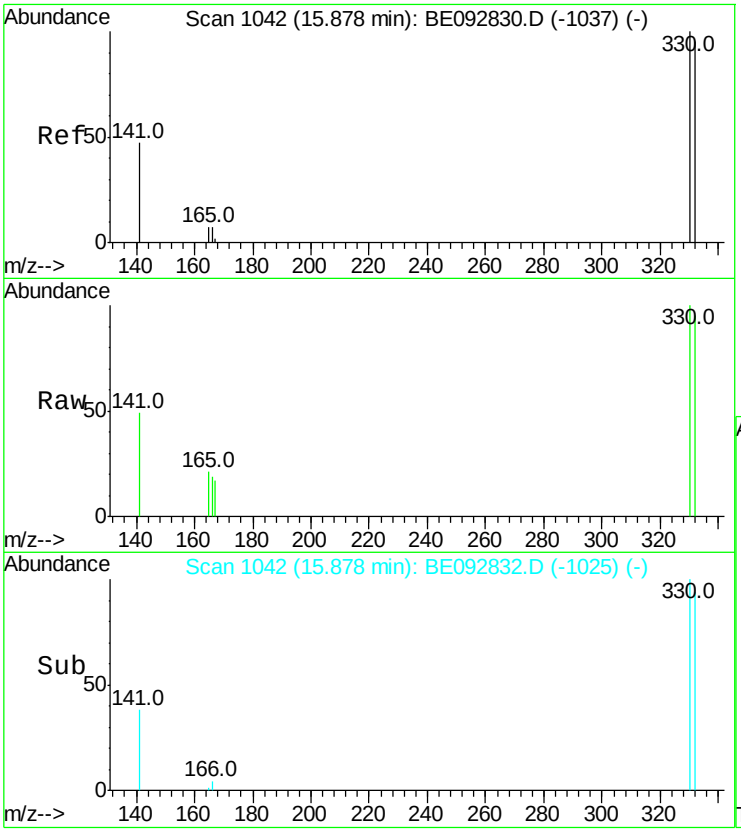


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.40 min Scan# 933
Delta R.T. -0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Tgt Ion:164 Resp: 16621

Ion	Ratio	Lower	Upper
164	100		
162	98.2	71.4	107.0
160	42.0	27.4	41.2#



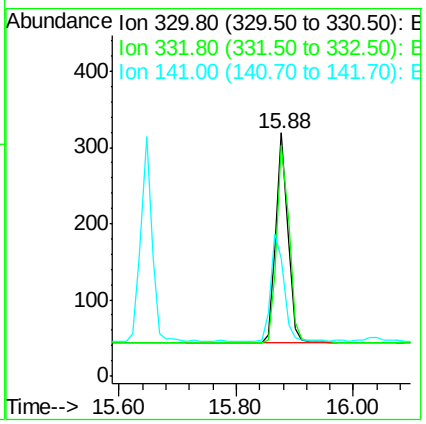


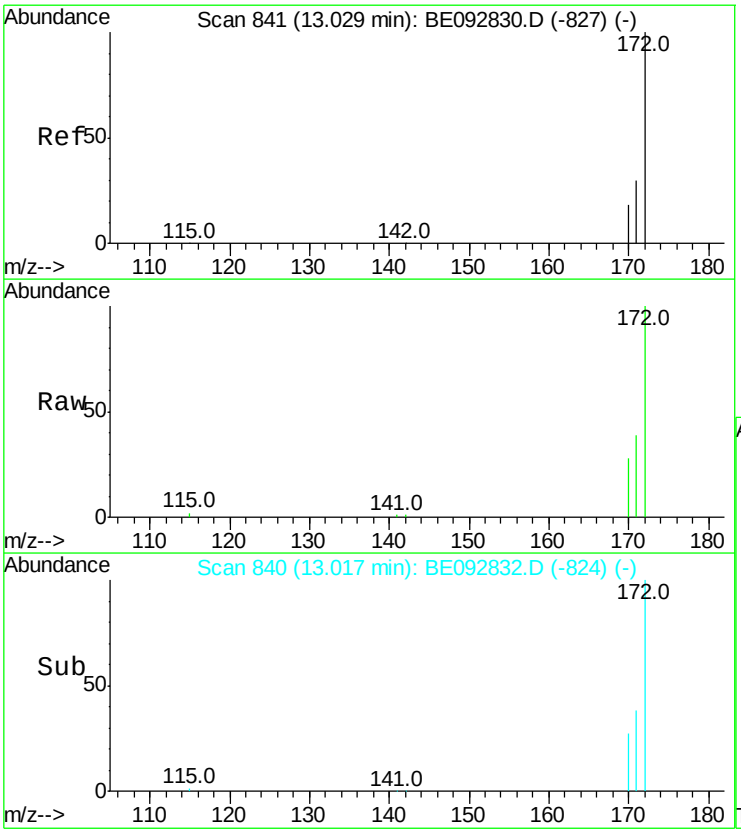
#13
2,4,6-Tribromophenol
Concen: 0.90 ng
RT: 15.88 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:330 Resp: 392

Ion	Ratio	Lower	Upper
330	100		
332	99.0	75.4	113.0
141	56.4	31.0	46.6#

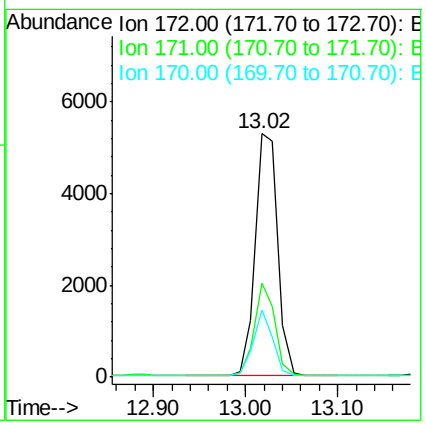


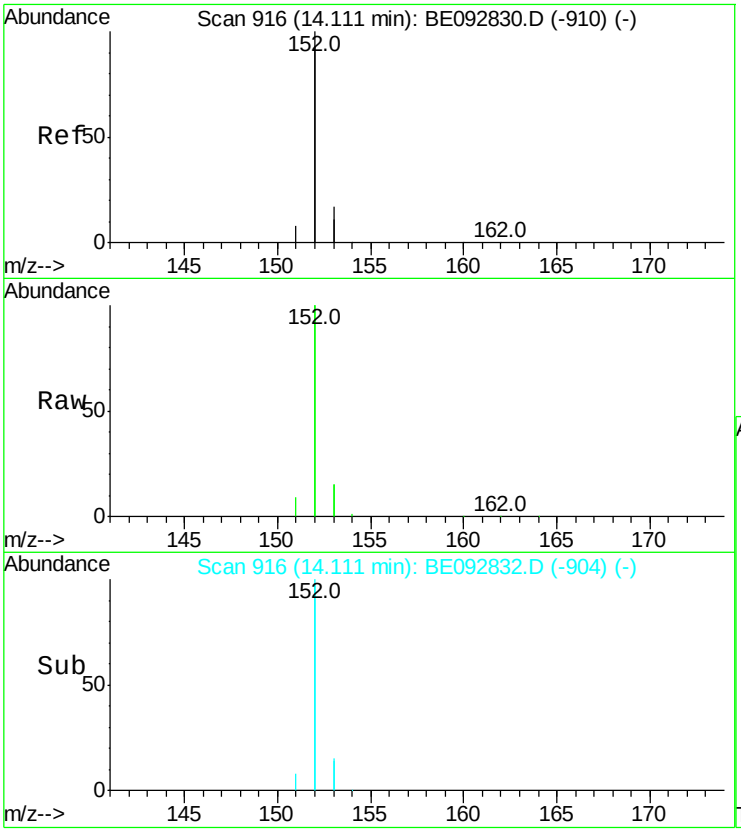


#14
2-Fluorobiphenyl
Concen: 2.26 ng
RT: 13.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Tgt Ion:172 Resp: 8861

Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.1	45.1
170	27.7	21.8	32.6



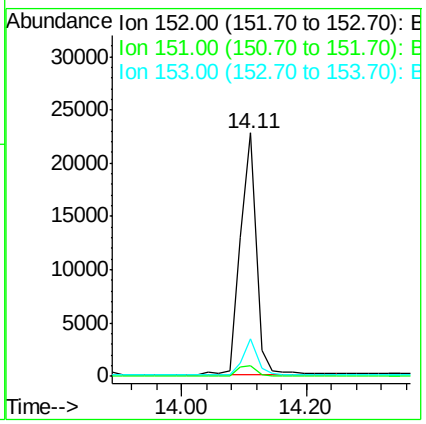


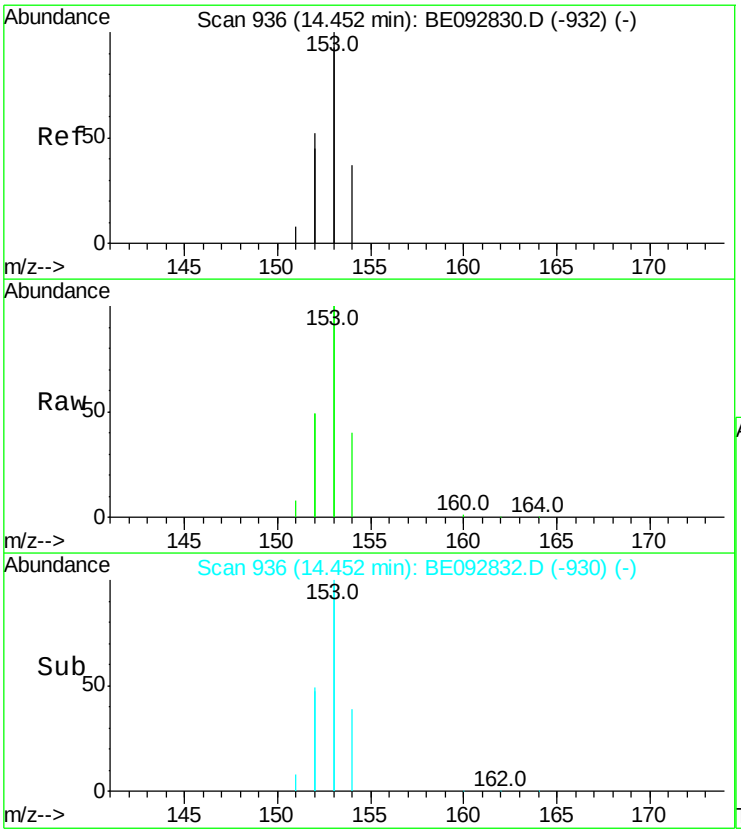
#15
Acenaphthylene
Concen: 1.58 ng
RT: 14.11 min Scan# 916
Delta R.T. -0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 40388

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

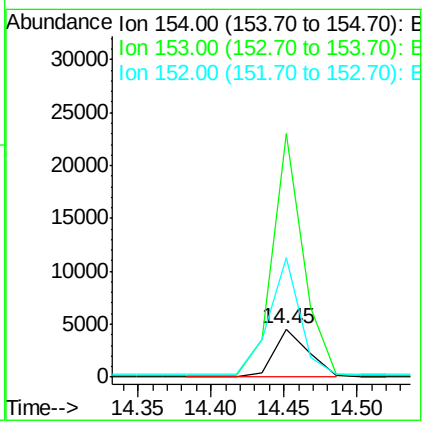


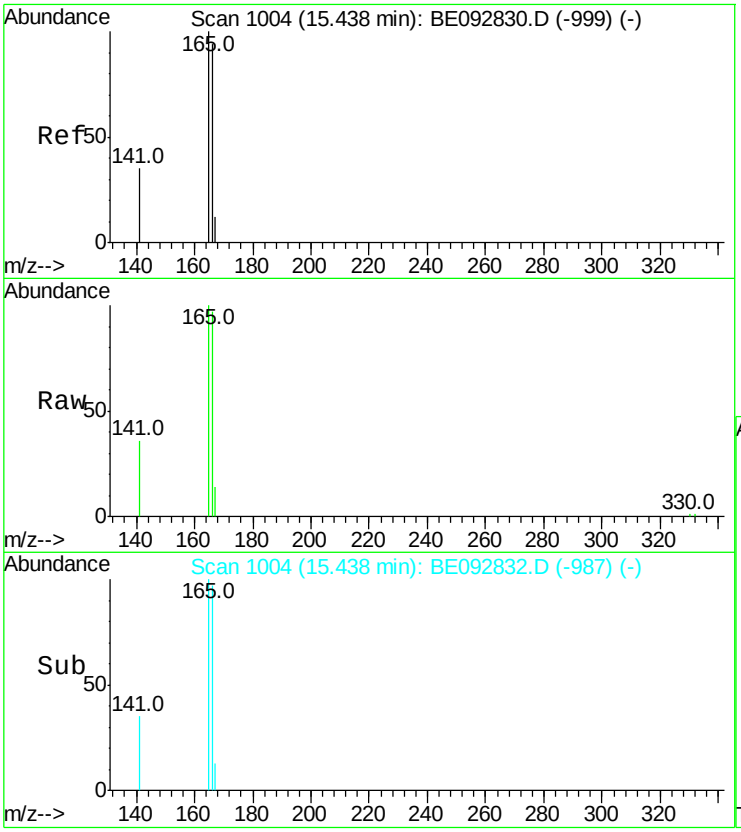


#16
Acenaphthene
Concen: 2.03 ng
RT: 14.45 min Scan# 936
Delta R.T. -0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Tgt Ion:154 Resp: 7260

Ion	Ratio	Lower	Upper
154	100		
153	460.9	350.8	526.2
152	224.9	171.1	256.7



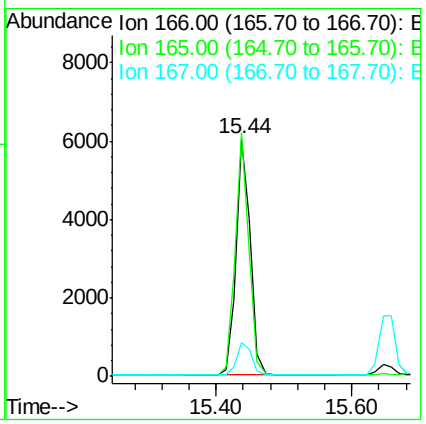


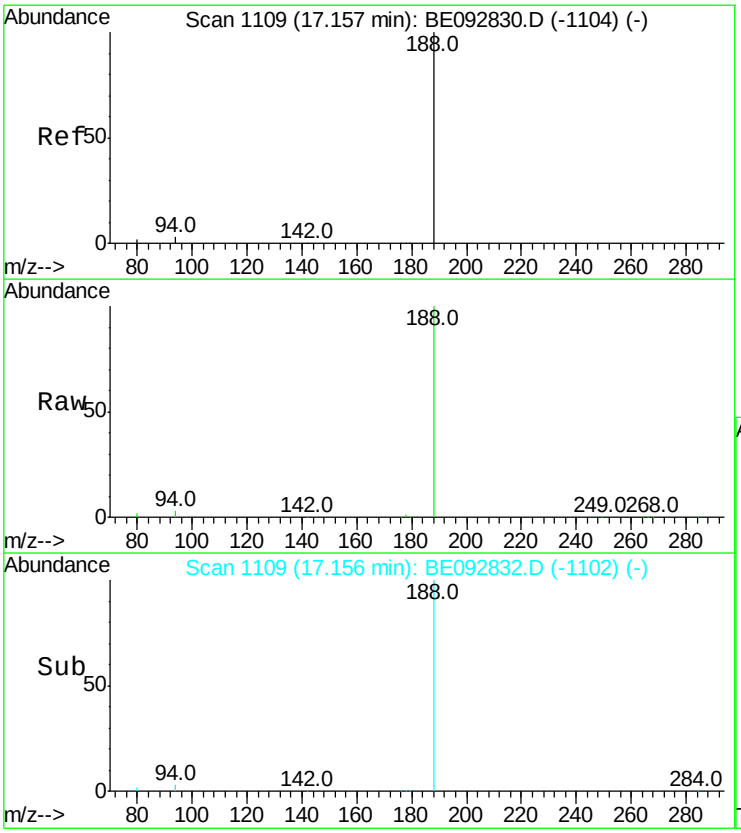
#17
Fluorene
Concen: 1.80 ng
RT: 15.44 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:166 Resp: 8739

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.2	117.4
167	14.0	11.0	16.4

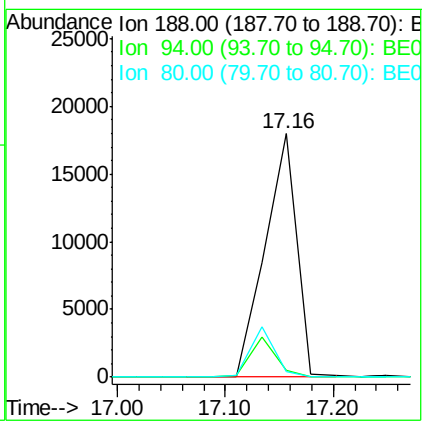


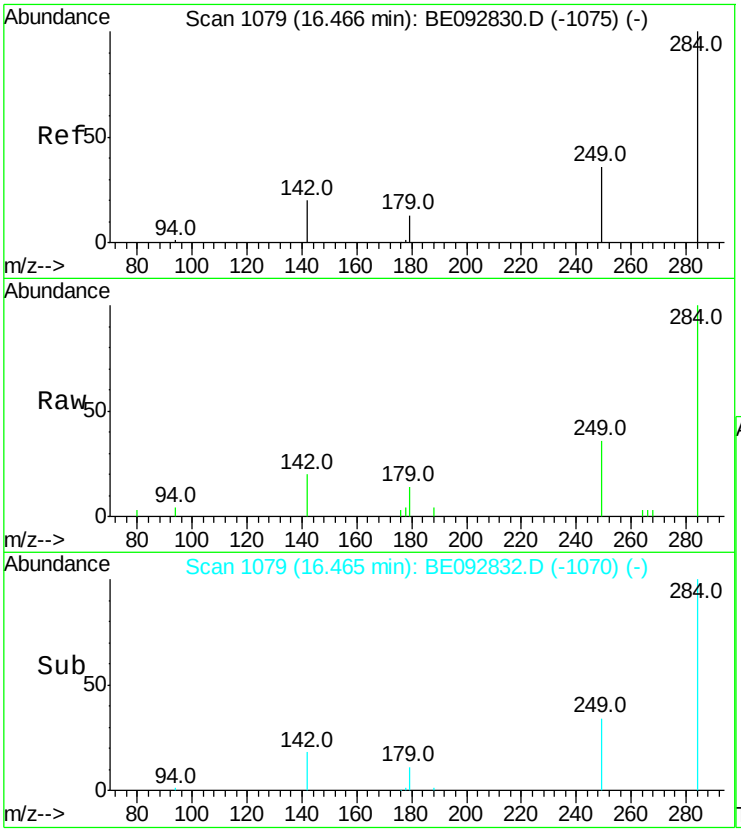


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1109
Delta R.T. 0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Tgt Ion:188 Resp: 36737

Ion	Ratio	Lower	Upper
188	100		
94	3.0	3.2	4.8#
80	2.3	2.6	3.8#



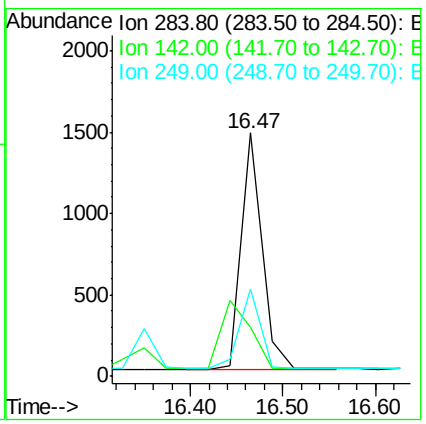


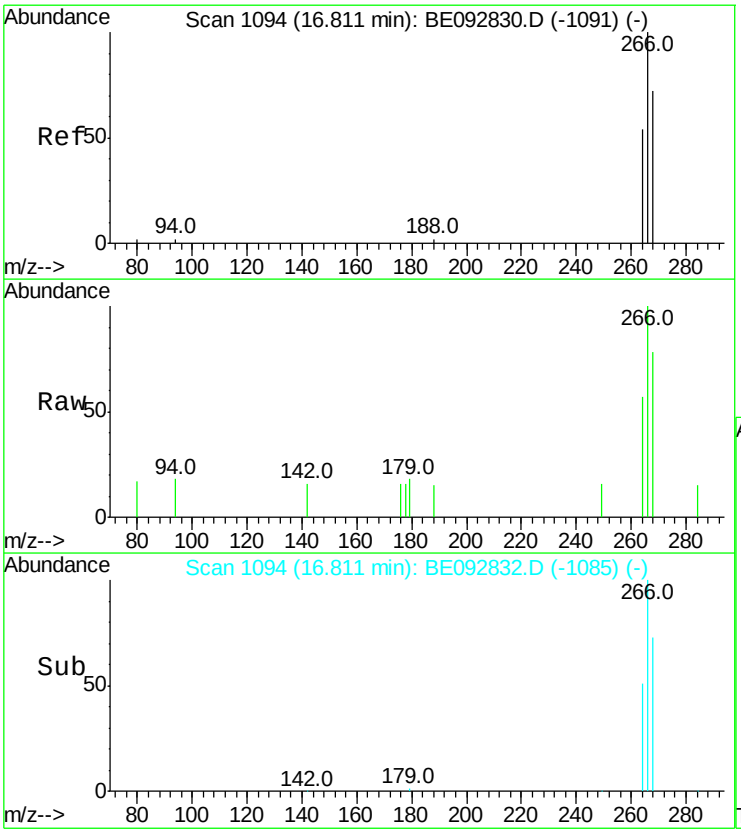
#19
Hexachlorobenzene
Concen: 1.51 ng
RT: 16.47 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:284 Resp: 2275

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	33.8	27.9	41.9

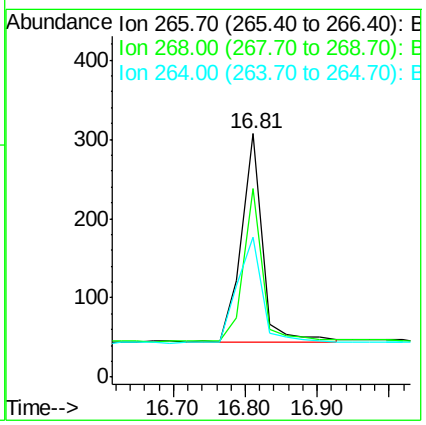


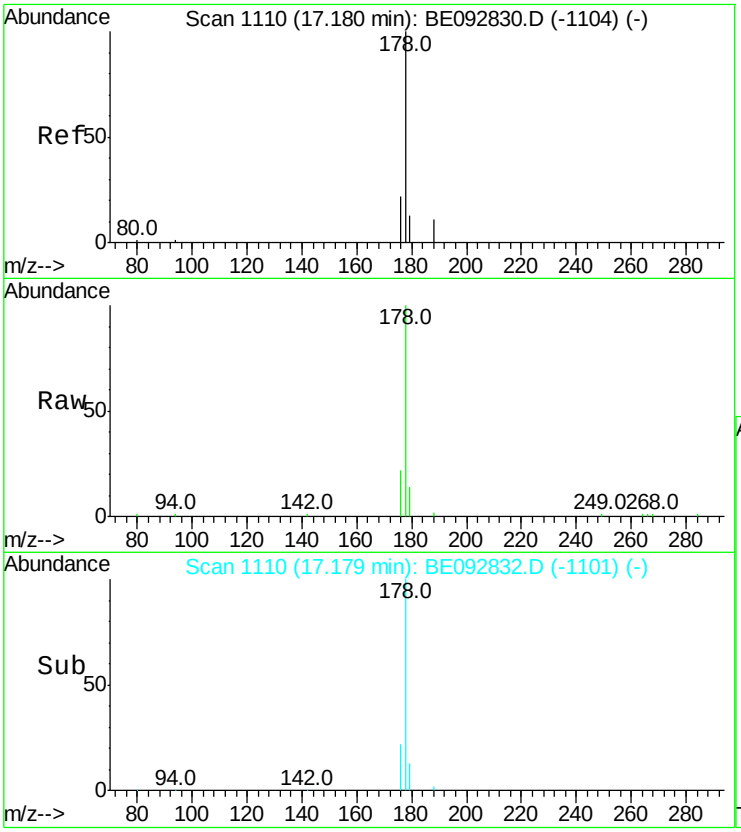


#20
Pentachlorophenol
Concen: 1.05 ng
RT: 16.81 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Tgt Ion:266 Resp: 531

Ion	Ratio	Lower	Upper
266	100		
268	77.5	62.5	93.7
264	57.3	57.2	85.8



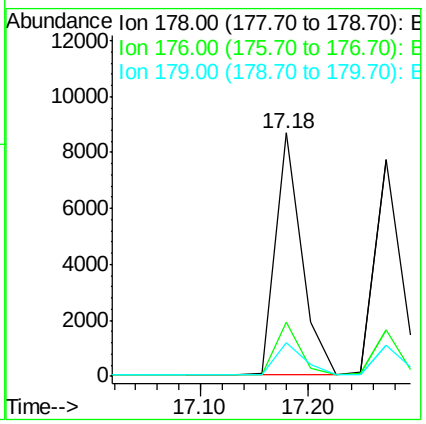


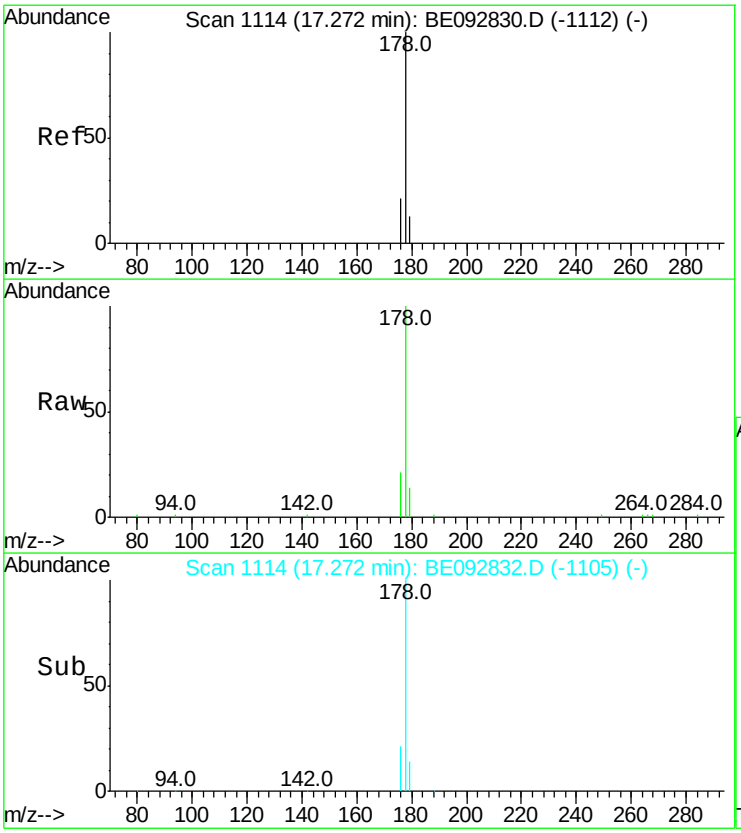
#21
Phenanthrene
Concen: 1.67 ng
RT: 17.18 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 14677

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	14.9	16.0	24.0#

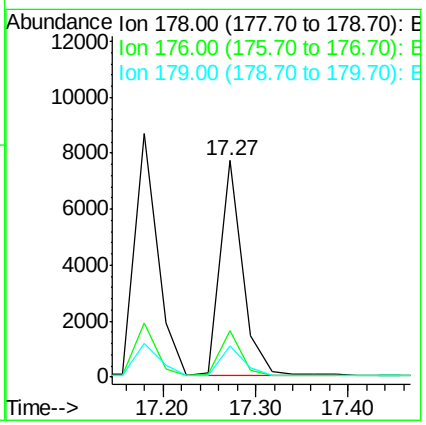


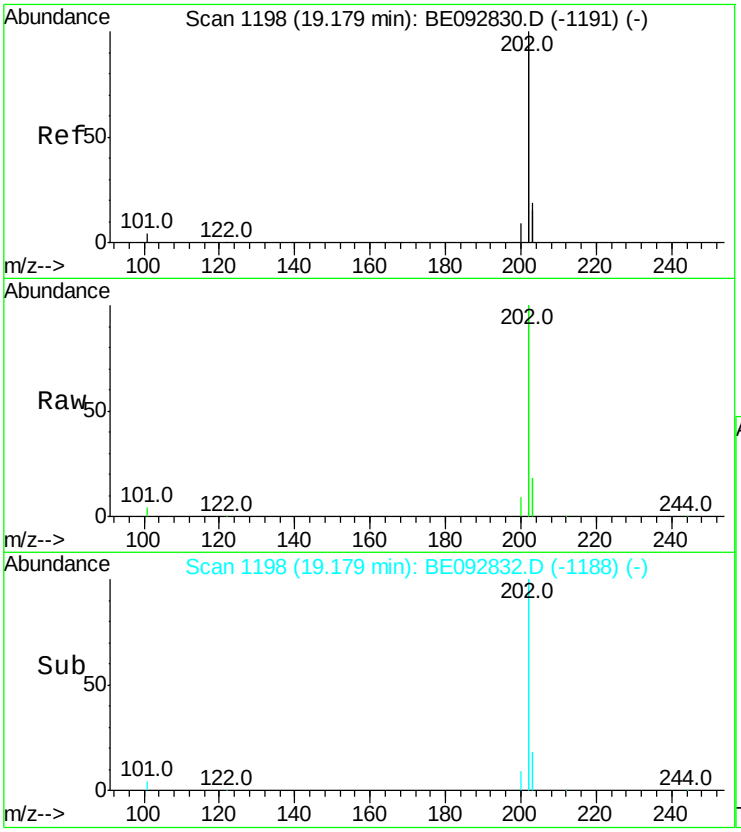


#22
Anthracene
Concen: 1.46 ng
RT: 17.27 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Tgt Ion:178 Resp: 12987

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.0	22.4
179	14.7	12.2	18.2



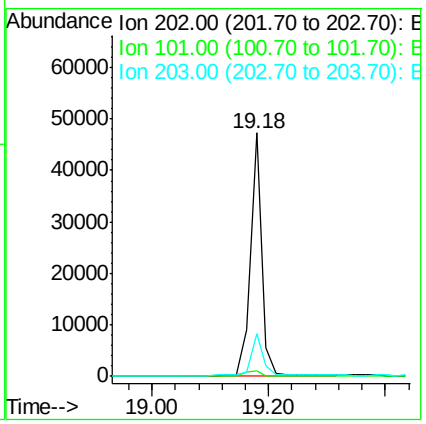


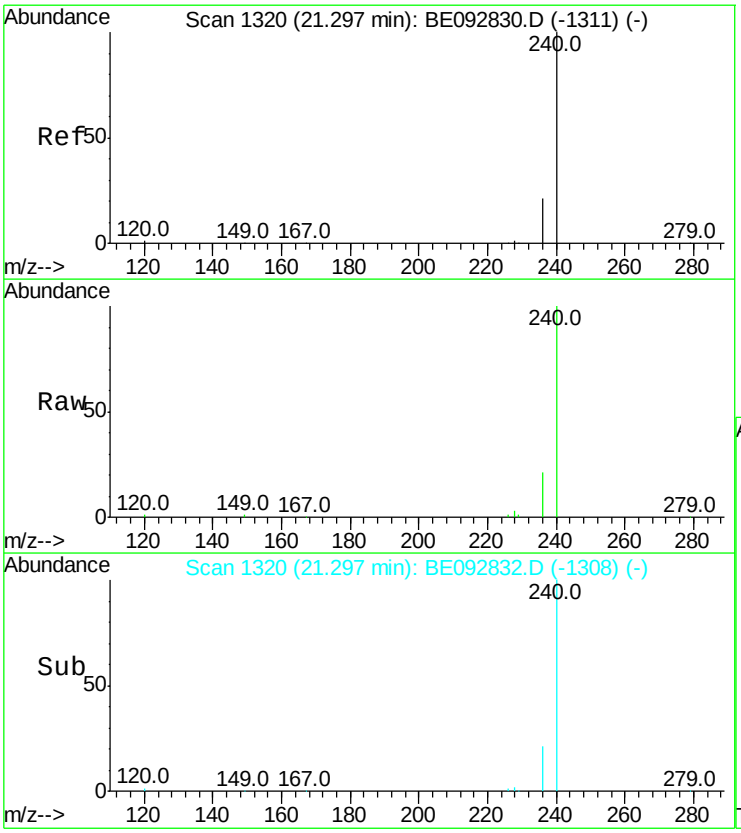
#23
Fluoranthene
Concen: 1.49 ng
RT: 19.18 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:202 Resp: 63863

Ion	Ratio	Lower	Upper
202	100		
101	3.1	2.2	3.4
203	17.6	13.7	20.5

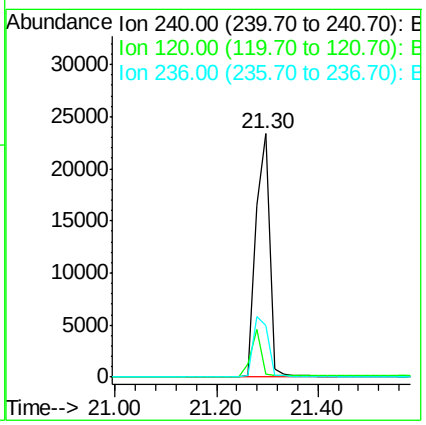


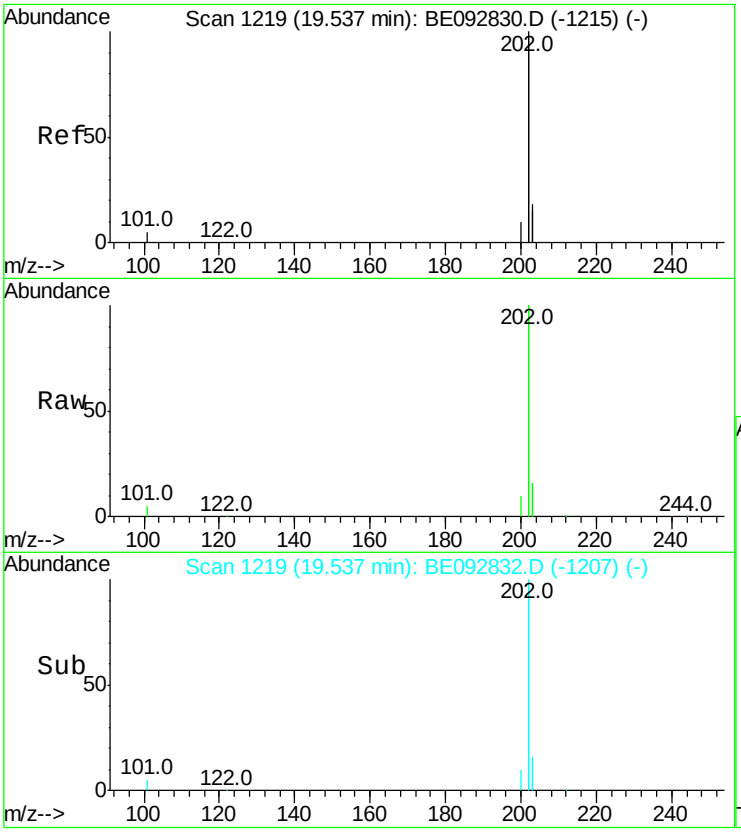


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.30 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Tgt Ion:240 Resp: 42996

Ion	Ratio	Lower	Upper
240	100		
120	1.4	2.6	4.0#
236	21.2	24.6	37.0#



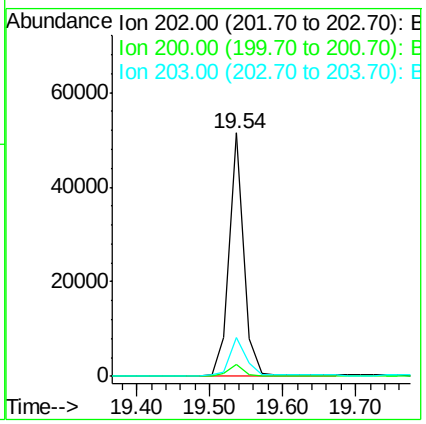


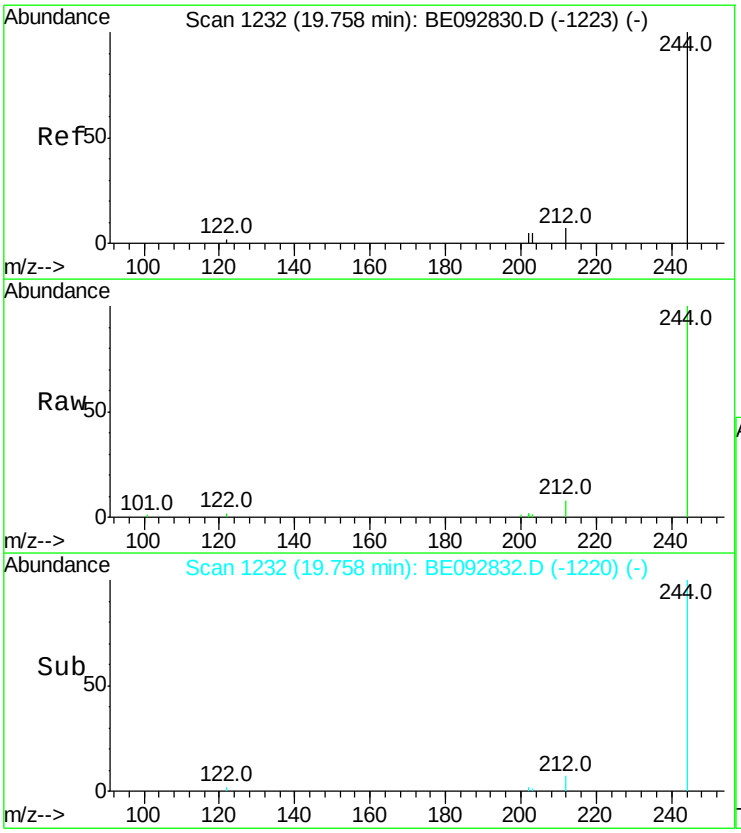
#25
Pyrene
Concen: 1.79 ng
RT: 19.54 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:202 Resp: 69780

Ion	Ratio	Lower	Upper
202	100		
200	5.0	4.2	6.4
203	17.2	13.9	20.9

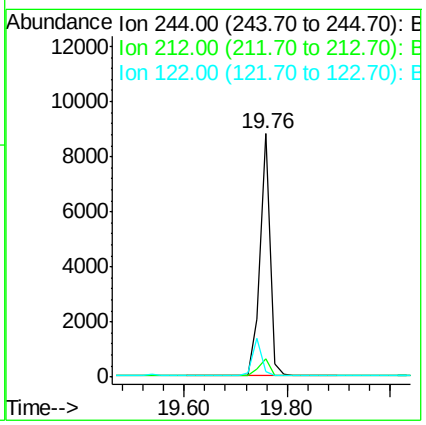


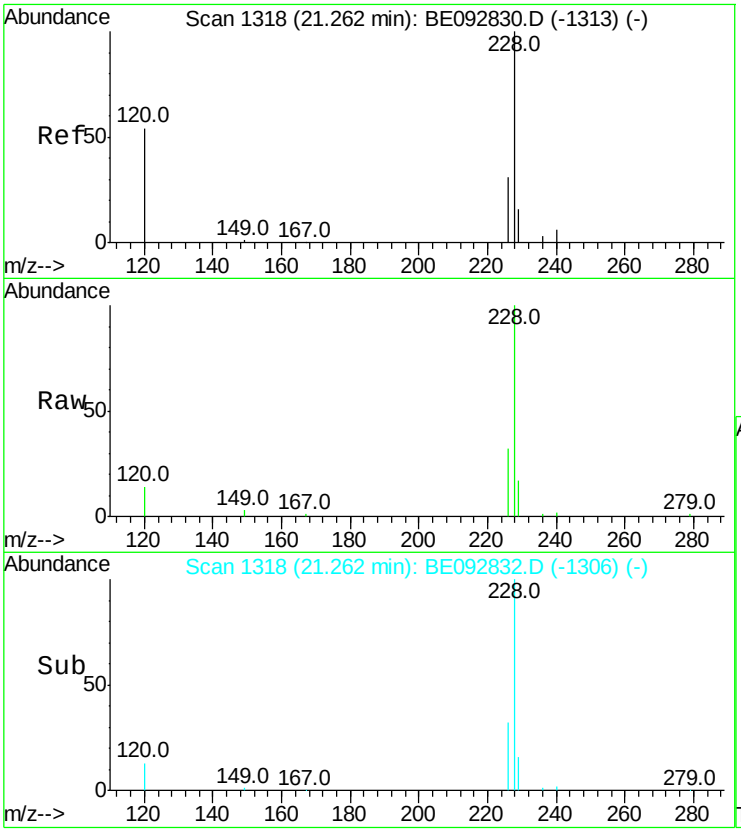


#26
Terphenyl-d14
Concen: 2.25 ng
RT: 19.76 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Tgt Ion:244 Resp: 11665

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.7	10.1
122	2.3	3.6	5.4#



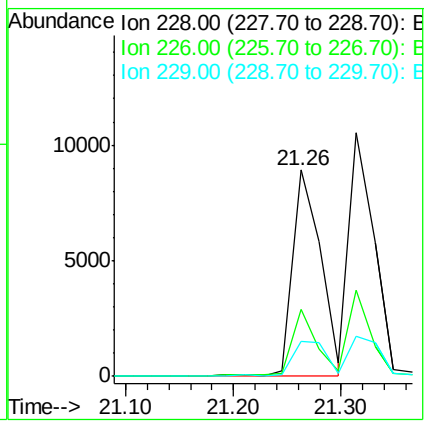


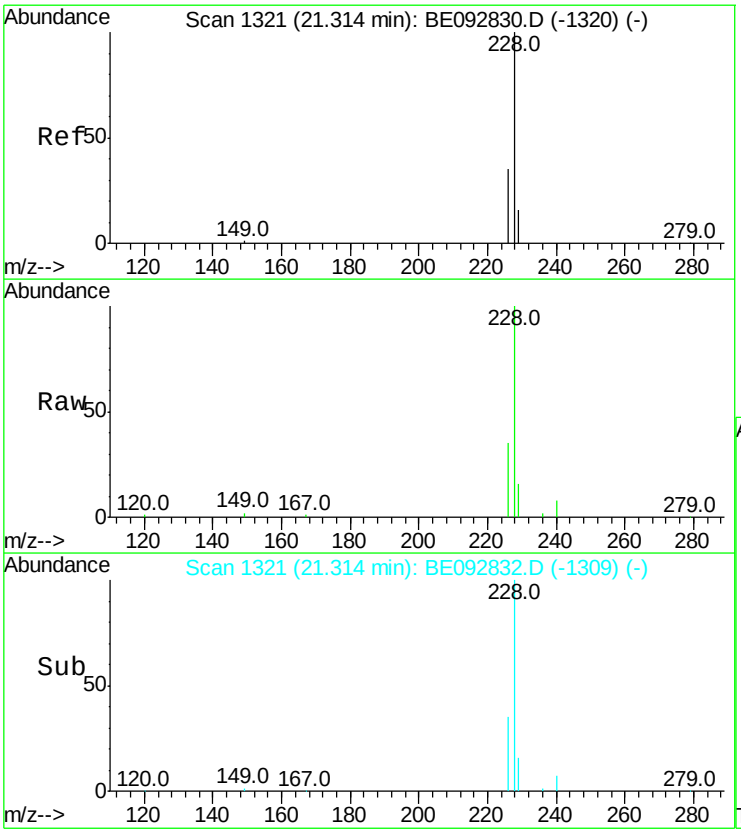
#27
Benzo(a)anthracene
Concen: 0.37 ng
RT: 21.26 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 16017

Ion	Ratio	Lower	Upper
228	100		
226	32.4	23.6	35.4
229	16.6	13.3	19.9

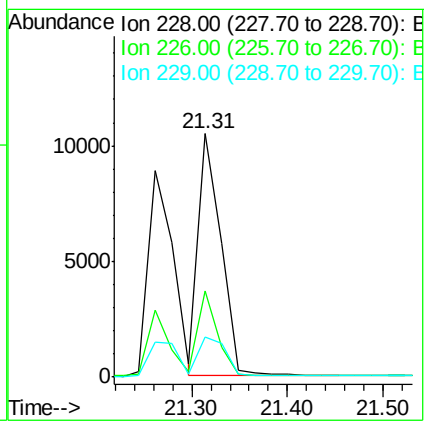


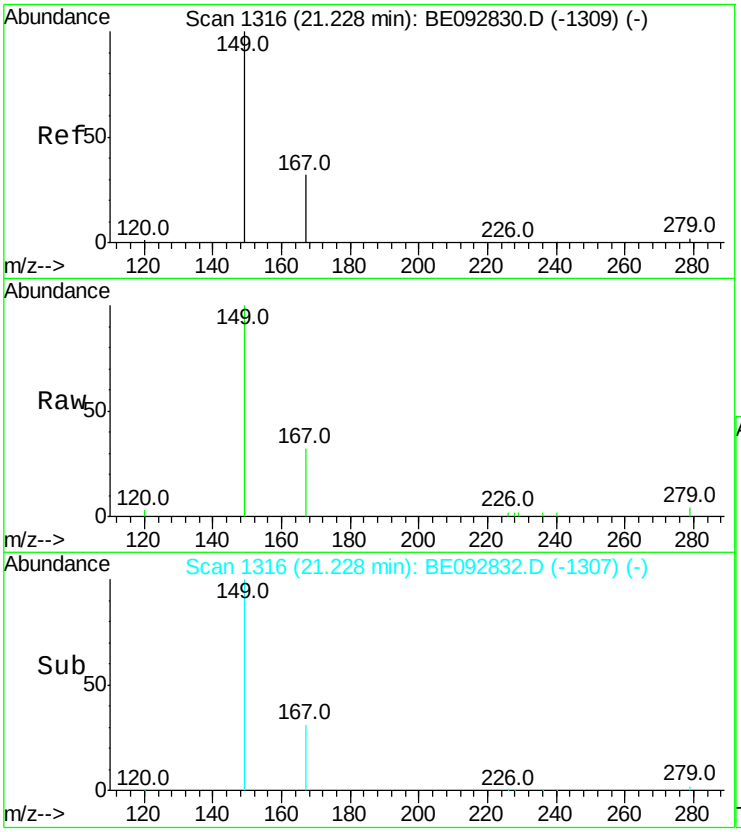


#28
Chrysene
Concen: 0.44 ng
RT: 21.31 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Tgt Ion:228 Resp: 17206

Ion	Ratio	Lower	Upper
228	100		
226	35.4	36.3	54.5#
229	16.4	10.6	16.0#



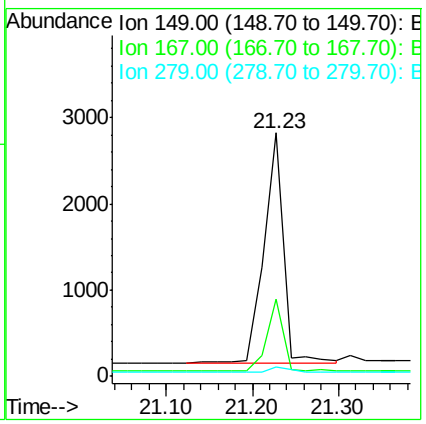


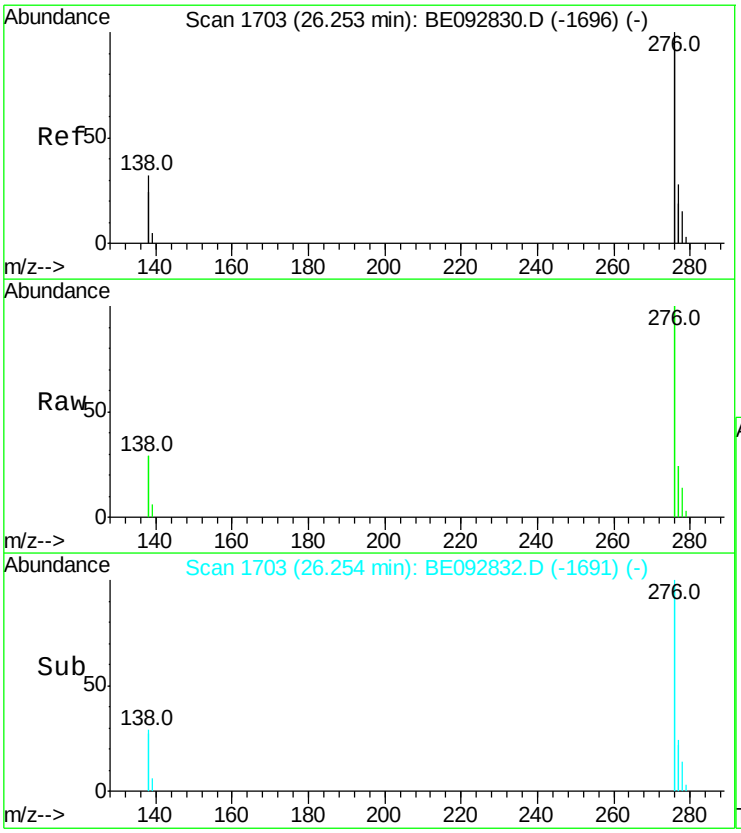
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.88 ng
RT: 21.23 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:149 Resp: 4145

Ion	Ratio	Lower	Upper
149	100		
167	26.1	16.0	24.0#
279	2.4	16.0	24.0#

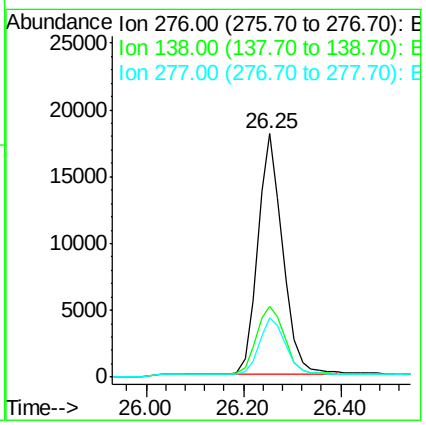


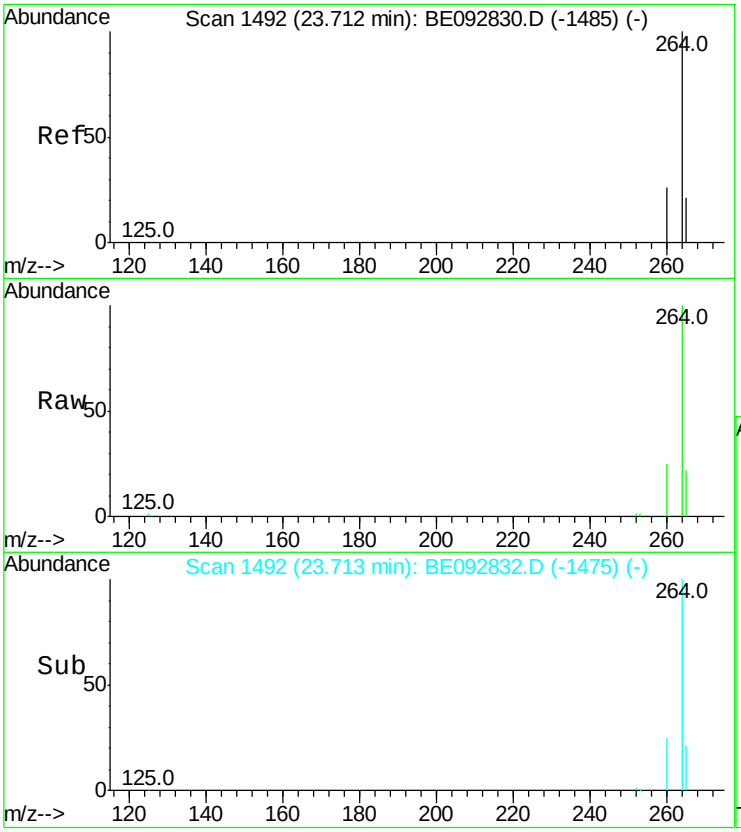


#30
Indeno(1,2,3-cd)pyrene
Concen: 1.52 ng
RT: 26.25 min Scan# 1703
Delta R.T. 0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Tgt Ion:276 Resp: 65001

Ion	Ratio	Lower	Upper
276	100		
138	32.0	20.3	30.5#
277	24.8	19.7	29.5



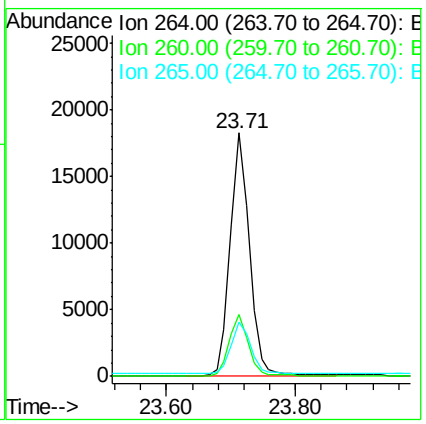


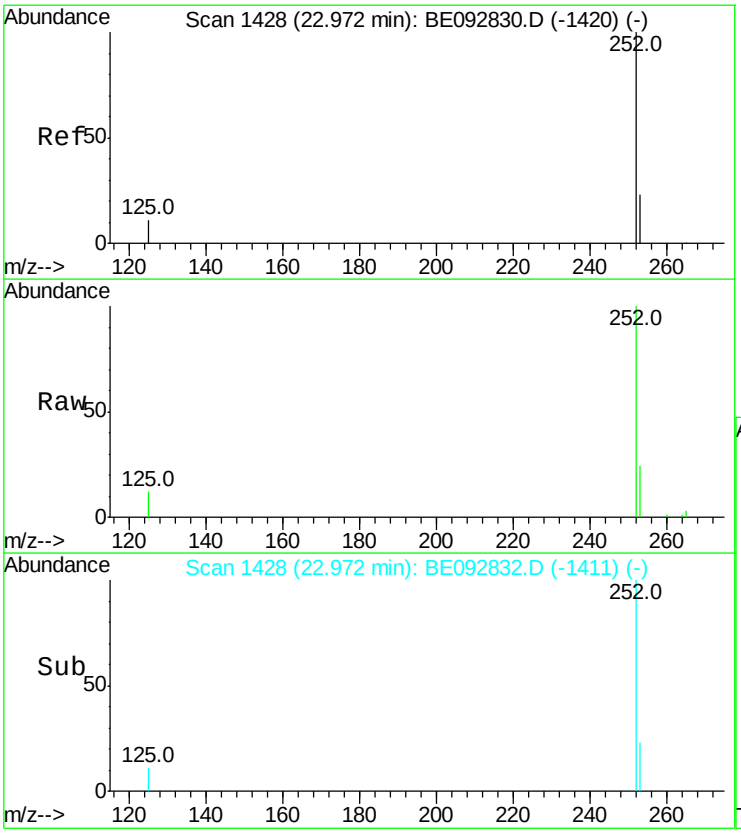
#31
Perylene-d12
Concen: 5.00 ng
RT: 23.71 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:264 Resp: 37502

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.1	30.1
265	22.4	17.9	26.9

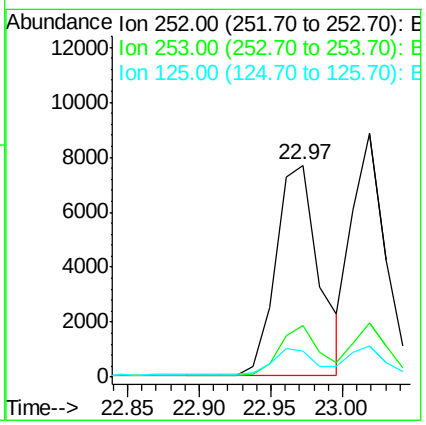


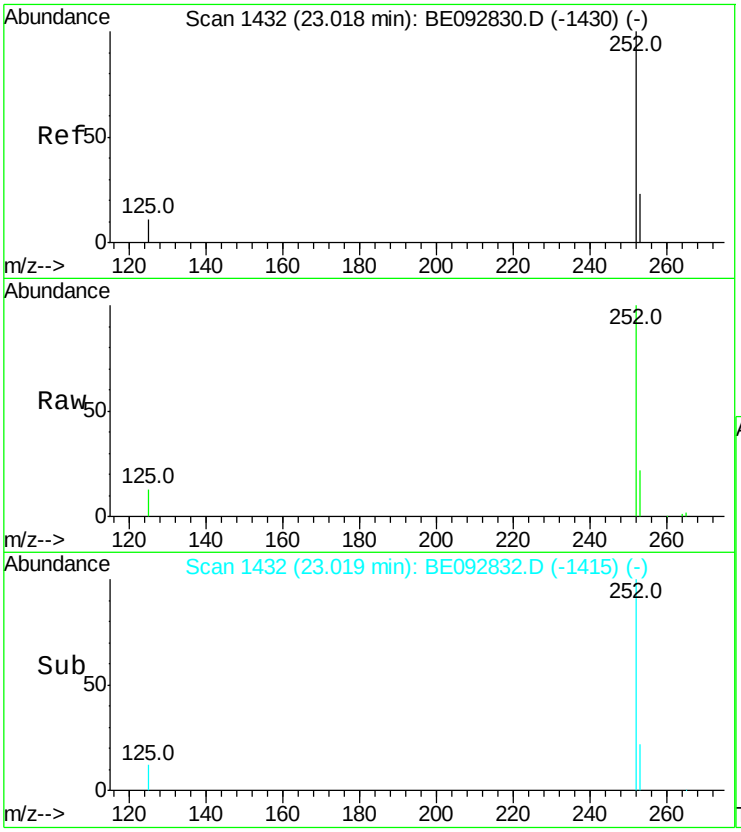


#32
Benzo(b)fluoranthene
Concen: 1.60 ng
RT: 22.97 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Tgt Ion:252 Resp: 16029

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.7	28.1
125	12.4	10.5	15.7



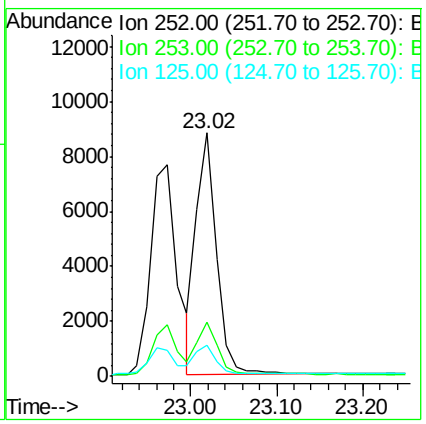


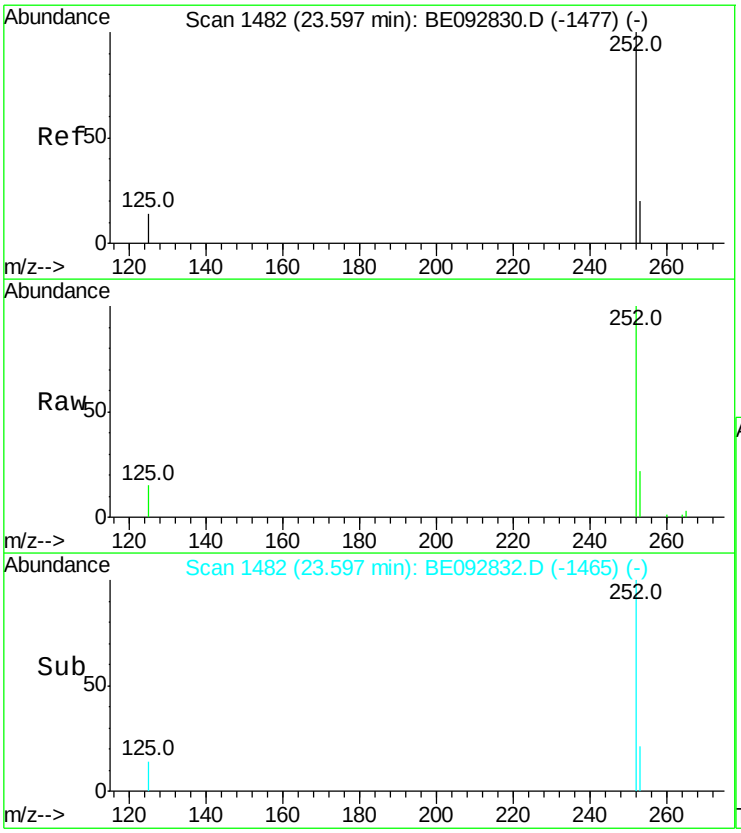
#33
Benzo(k)fluoranthene
Concen: 1.43 ng
RT: 23.02 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 14355

Ion	Ratio	Lower	Upper
252	100		
253	22.2	20.3	30.5
125	12.6	9.6	14.4

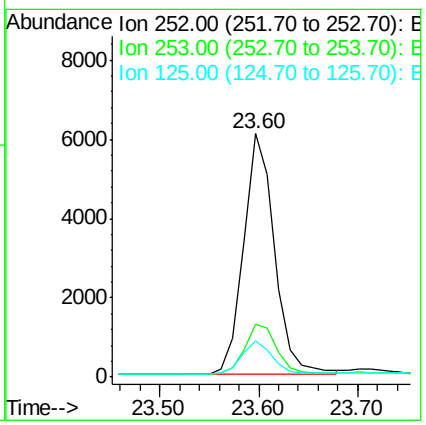


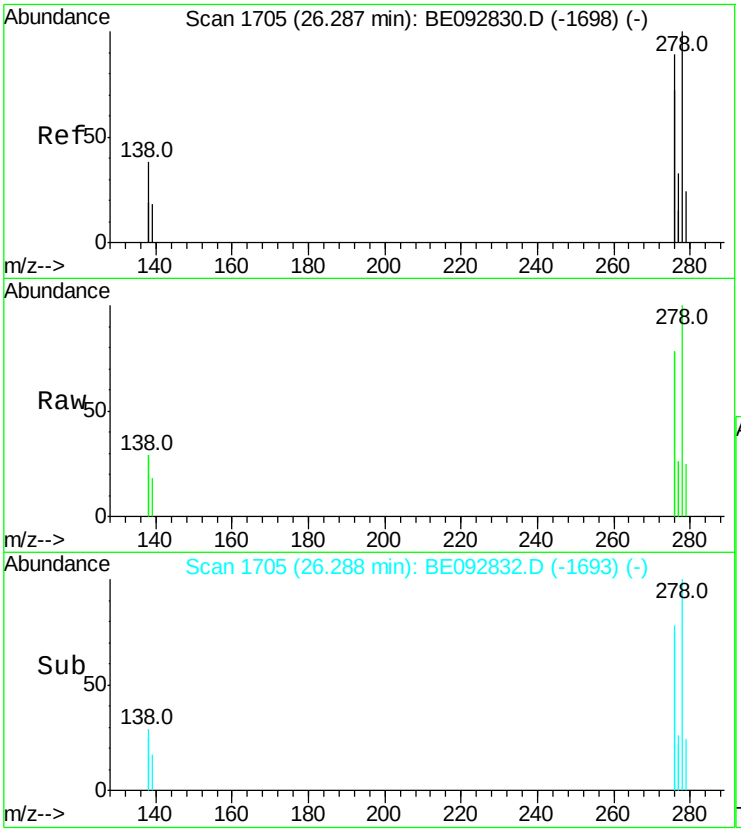


#34
Benzo(a)pyrene
Concen: 1.44 ng
RT: 23.60 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Tgt Ion:252 Resp: 13095

Ion	Ratio	Lower	Upper
252	100		
253	21.8	19.0	28.6
125	15.1	11.8	17.8



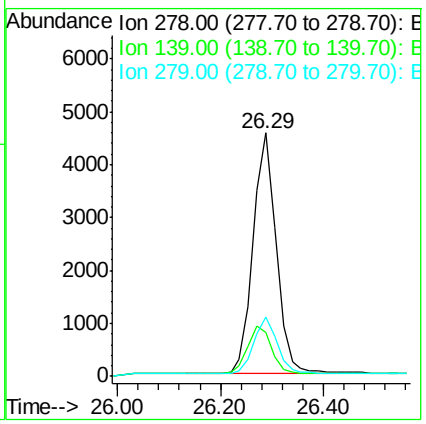


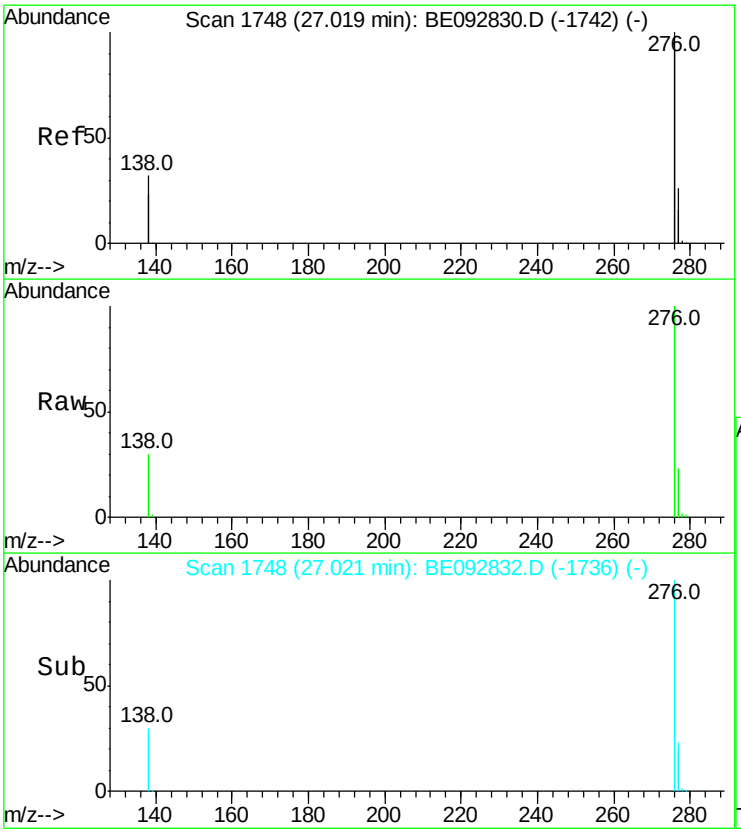
#35
Dibenzo(a,h)anthracene
Concen: 1.63 ng
RT: 26.29 min Scan# 1705
Delta R.T. 0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:278 Resp: 14172

Ion	Ratio	Lower	Upper
278	100		
139	18.0	13.8	20.8
279	24.5	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 1.56 ng
RT: 27.02 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BE092832.D
Acq: 28 Mar 2017 11:59

Tgt Ion:276 Resp: 57753

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.8	29.8
138	29.8	19.8	29.6#