Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032817\
Data File : BE092828.D
Acq On : 28 Mar 2017 9:33
Operator : SJ/MA
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 28 13:07:47 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 13:06:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	7079	5.00	ng		0.00
7) Naphthalene-d8	10.54	136	31073	5.00	ng		0.00
12) Acenaphthene-d10	14.40	164	15342	5.00	ng		0.00
18) Phenanthrene-d10	17.16	188	36914	5.00	ng		0.00
24) Chrysene-d12	21.30	240	41803	5.00	ng		0.00
31) Perylene-d12	23.71	264	37516	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	167	0.11	ng		0.00
5) Phenol-d6	6.94	99	238	0.13	ng		0.00
8) Nitrobenzene-d5	8.93	82	162	0.09	ng		0.00
13) 2,4,6-Tribromophenol	15.88	330	29	0.07	ng		0.00
14) 2-Fluorobiphenyl	13.03	172	508	0.14	ng		0.00
26) Terphenyl-d14	19.76	244	830	0.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	105	0.10	ng		94
3) n-Nitrosodimethylamine	3.62	42	99	0.08	ng	#	97
6) bis(2-Chloroethyl)ether	7.20	93	211	0.11	ng	#	41
9) Naphthalene	10.60	128	679	0.10	ng	#	77
10) Hexachlorobutadiene	10.91	225	97	0.10	ng		95
11) 2-Methylnaphthalene	12.22	142	426	0.10	ng		93
15) Acenaphthylene	14.11	152	2065	0.09	ng		99
16) Acenaphthene	14.47	154	422	0.13	ng		95
17) Fluorene	15.45	166	484	0.11	ng		97
19) Hexachlorobenzene	16.47	284	124	0.08	ng	#	88
20) Pentachlorophenol	16.81	266	37	0.07	ng	#	83
21) Phenanthrene	17.18	178	843	0.10	ng		98
22) Anthracene	17.27	178	669	0.07	ng		98
23) Fluoranthene	19.18	202	3740	0.09	ng		99
25) Pyrene	19.54	202	3901	0.10	ng		100
27) Benzo(a)anthracene	21.28	228	1000	0.02	ng	#	85
28) Chrysene	21.31	228	1070	0.03	ng	#	90
29) Bis(2-ethylhexyl)phthalate	21.23	149	391	0.09	ng	#	80
30) Indeno(1,2,3-cd)pyrene	26.25	276	3891	0.09	ng	#	93
32) Benzo(b)fluoranthene	22.97	252	950	0.10	ng	#	76
33) Benzo(k)fluoranthene	23.02	252	865	0.09	ng	#	76
34) Benzo(a)pyrene	23.60	252	759	0.08	ng	#	65
35) Dibenzo(a,h)anthracene	26.29	278	832	0.10	ng	#	74
36) Benzo(g,h,i)perylene	27.04	276	3627	0.10	ng	#	74

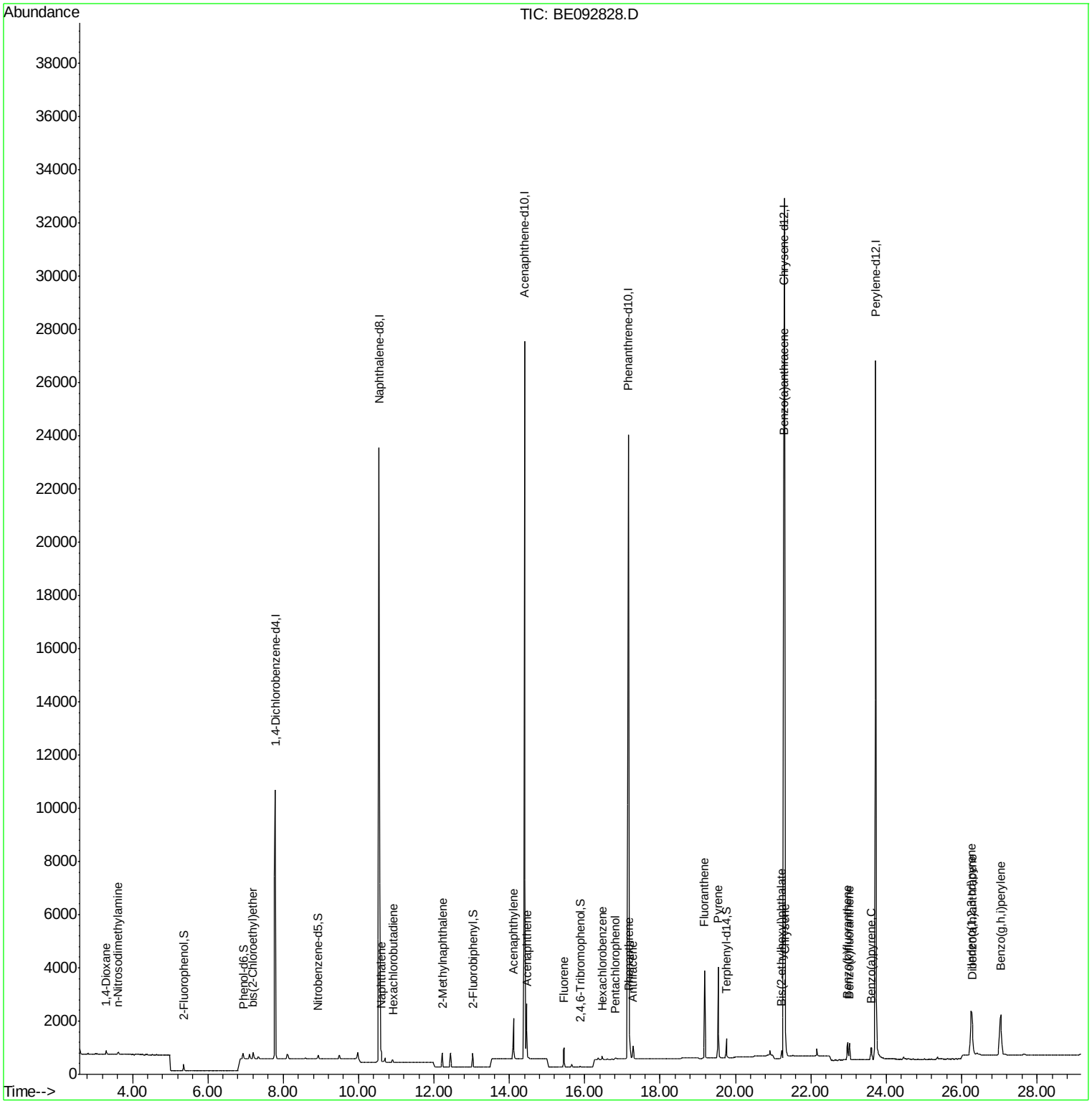
(#) = qualifier out of range (m) = manual integration (+) = signals summed

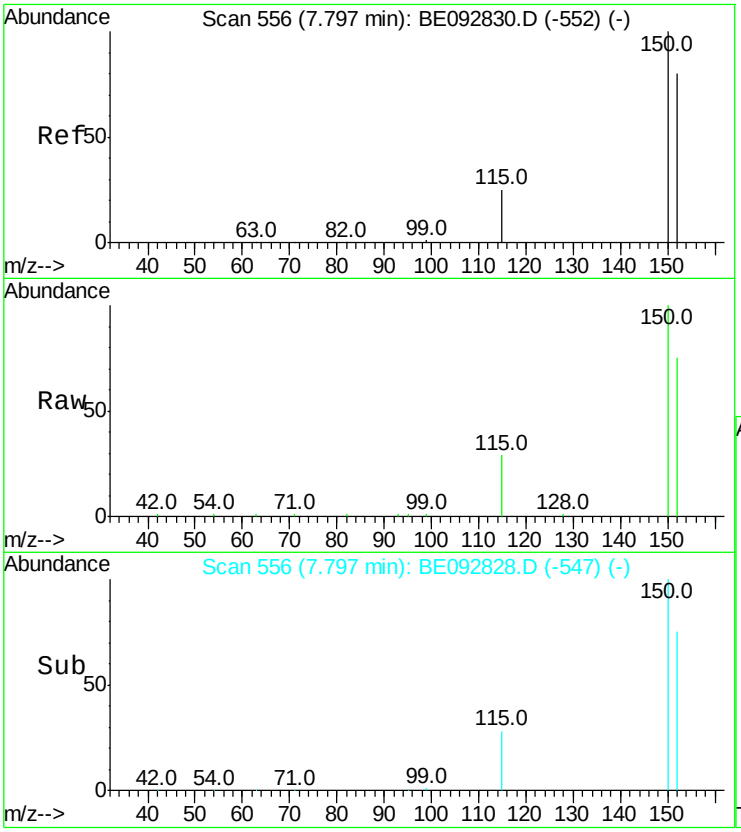
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032817\
Data File : BE092828.D
Acq On : 28 Mar 2017 9:33
Operator : SJ/MA
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 28 13:07:47 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 13:06:24 2017
Response via : Initial Calibration



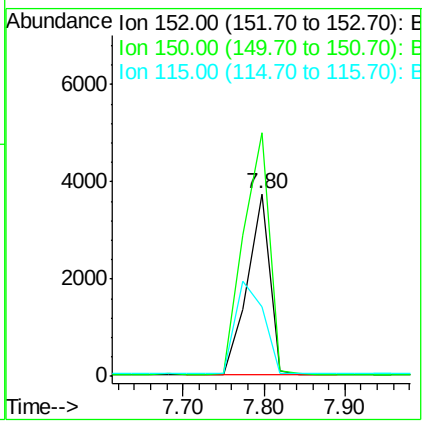


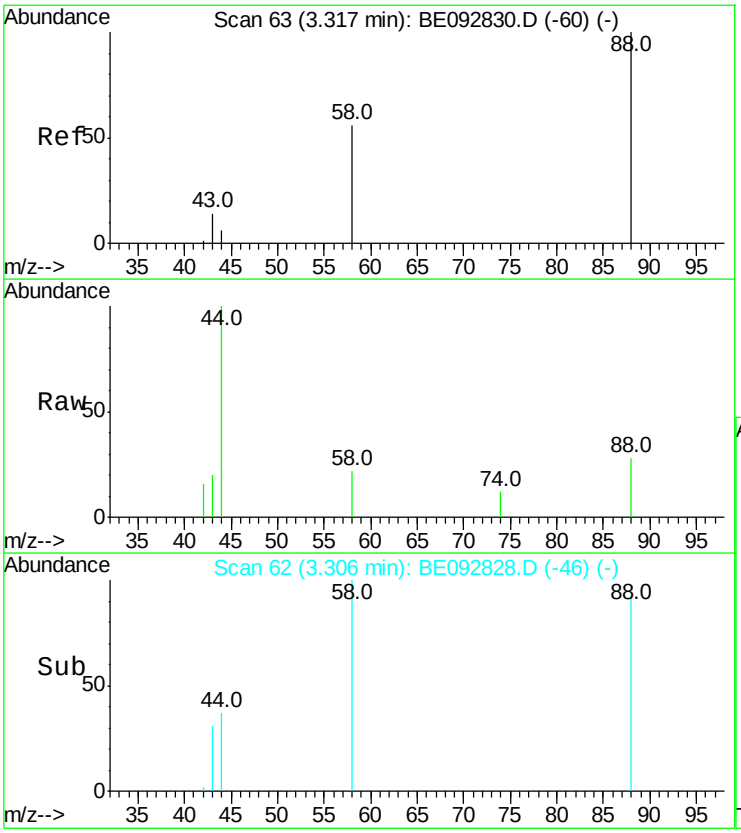
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 556
Delta R.T. -0.00 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 7079

Ion	Ratio	Lower	Upper
152	100		
150	133.6	106.0	159.0
115	38.1	31.2	46.8

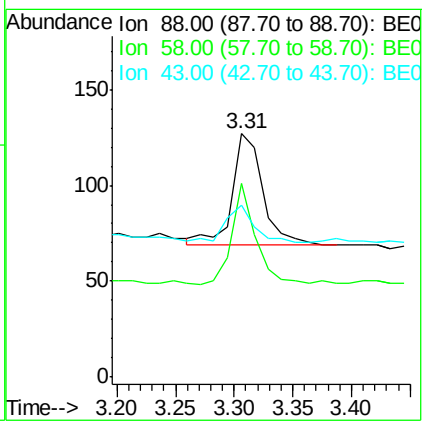


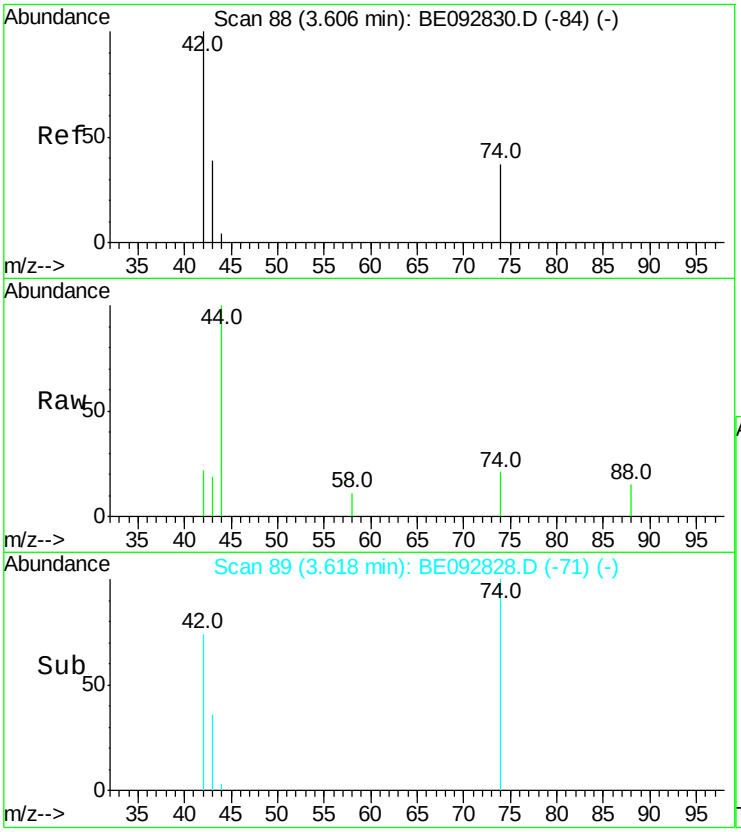


#2
1,4-Dioxane
Concen: 0.10 ng
RT: 3.31 min Scan# 62
Delta R.T. -0.01 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Tgt Ion: 88 Resp: 105

Ion	Ratio	Lower	Upper
88	100		
58	74.3	63.6	95.4
43	31.4	28.0	42.0



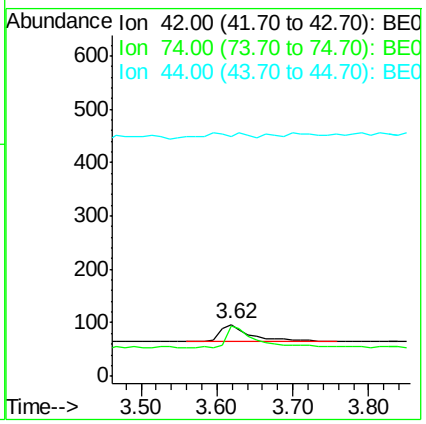


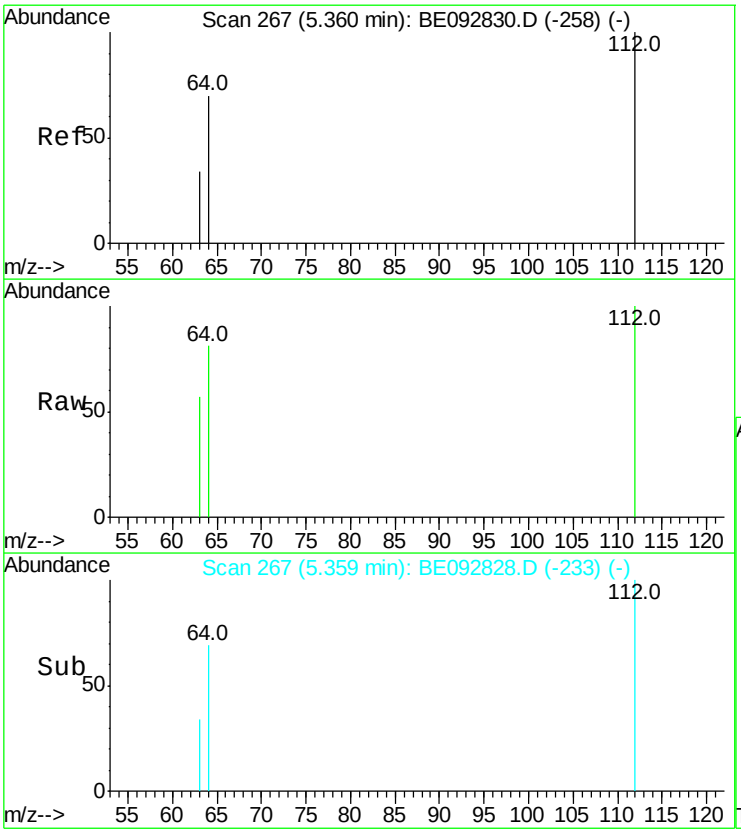
#3
n-Nitrosodimethylamine
Concen: 0.08 ng
RT: 3.62 min Scan# 89
Delta R.T. 0.01 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 99

Ion	Ratio	Lower	Upper
42	100		
74	105.1	86.0	129.0
44	0.0	5.1	7.7#

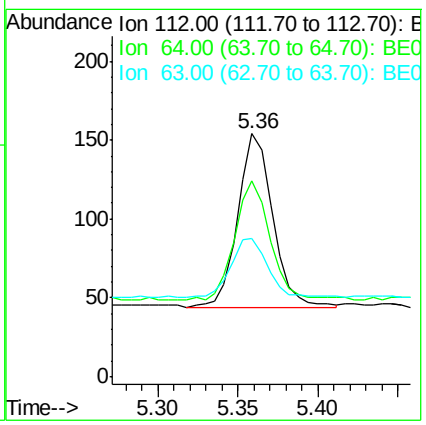


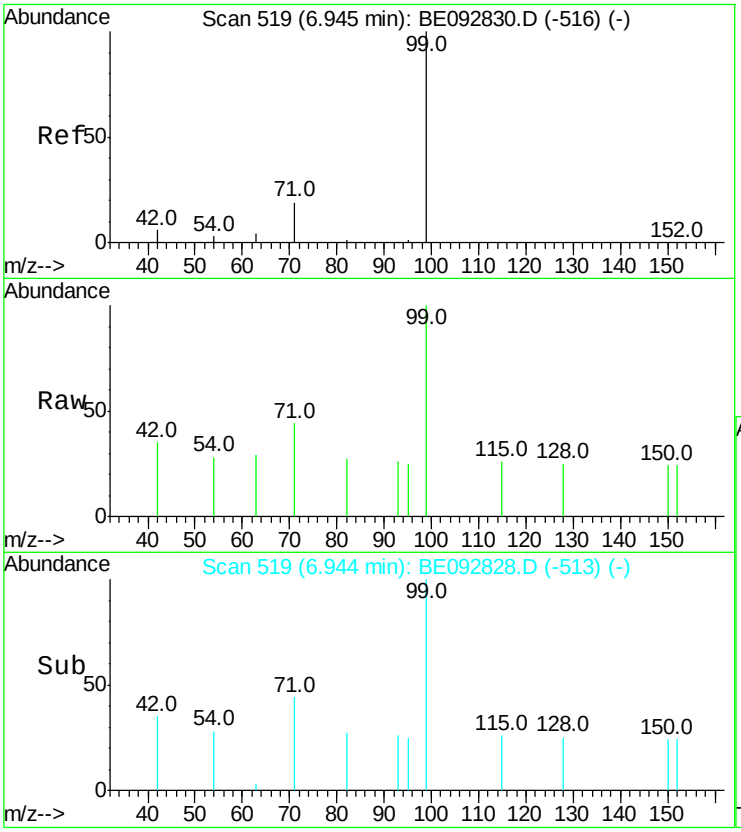


#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.36 min Scan# 267
Delta R.T. -0.00 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Tgt Ion:112 Resp: 167

Ion	Ratio	Lower	Upper
112	100		
64	67.7	53.5	80.3
63	36.5	27.9	41.9



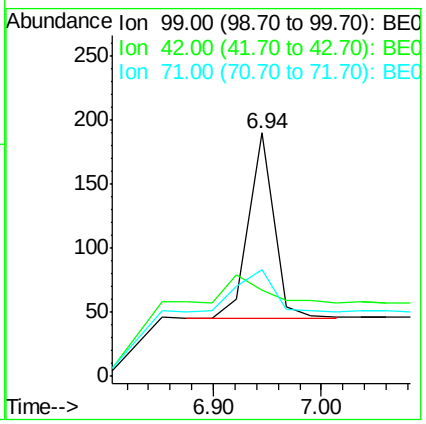


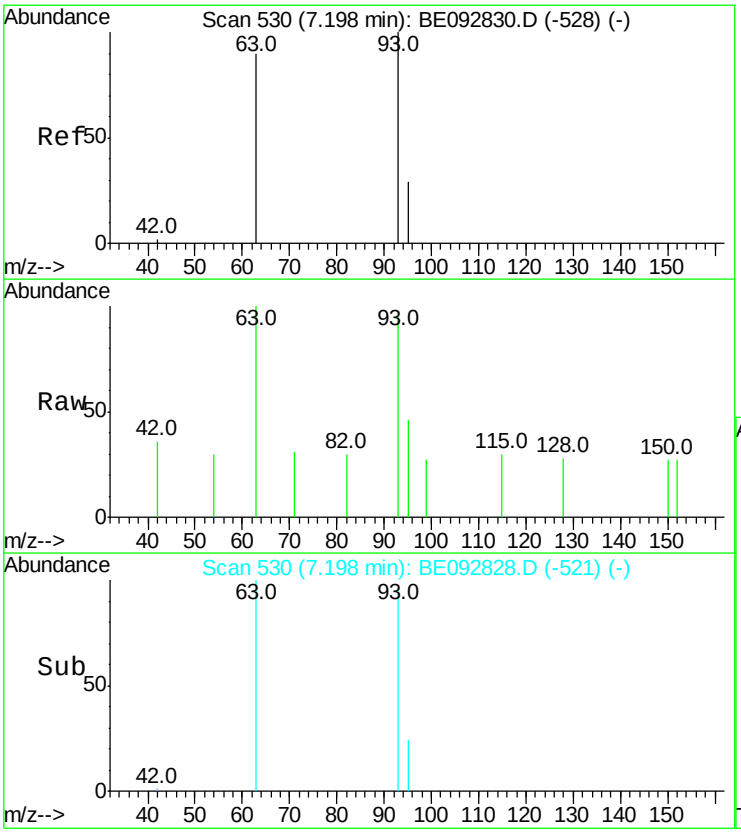
#5
Phenol-d6
Concen: 0.13 ng
RT: 6.94 min Scan# 519
Delta R.T. -0.00 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 238

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	33.2	30.6	45.8

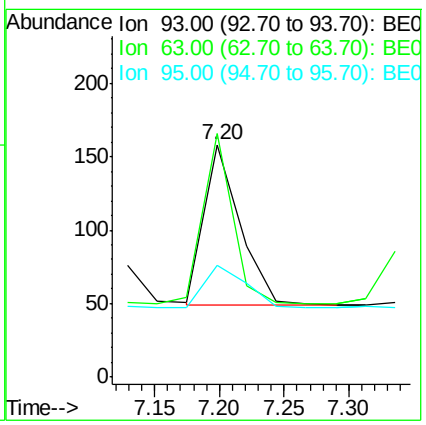


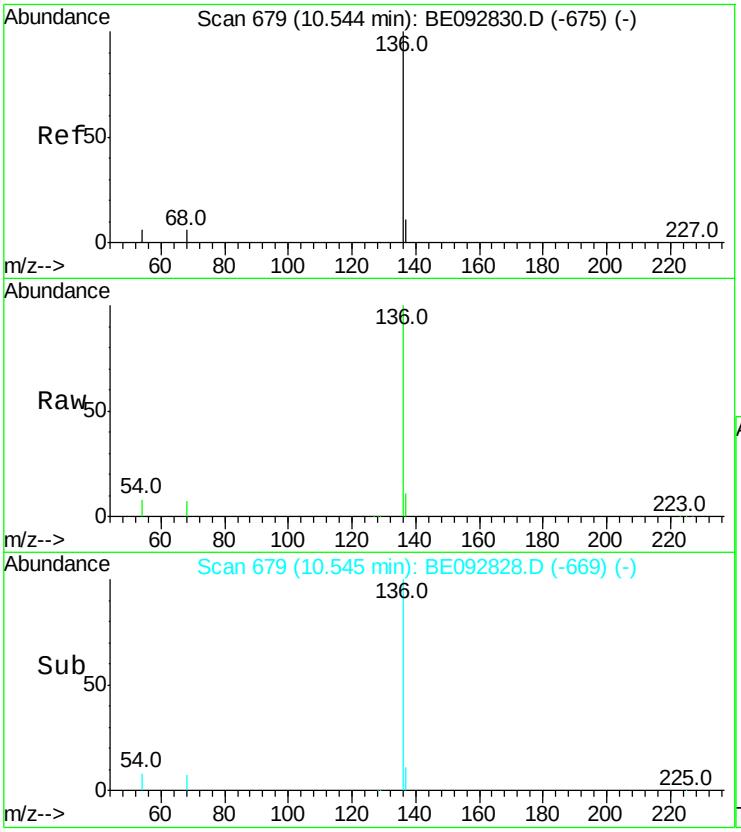


#6
bis(2-Chloroethyl)ether
Concen: 0.11 ng
RT: 7.20 min Scan# 530
Delta R.T. -0.00 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Tgt Ion: 93 Resp: 211

Ion	Ratio	Lower	Upper
93	100		
63	87.2	16.0	24.0#
95	30.8	24.0	36.0



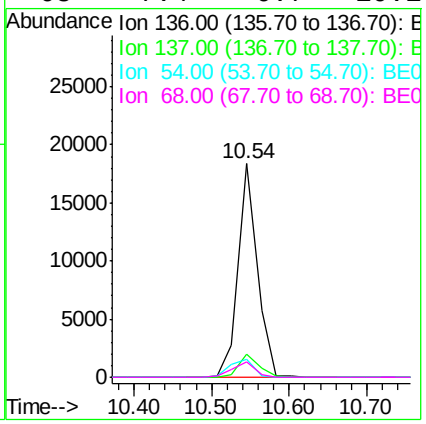


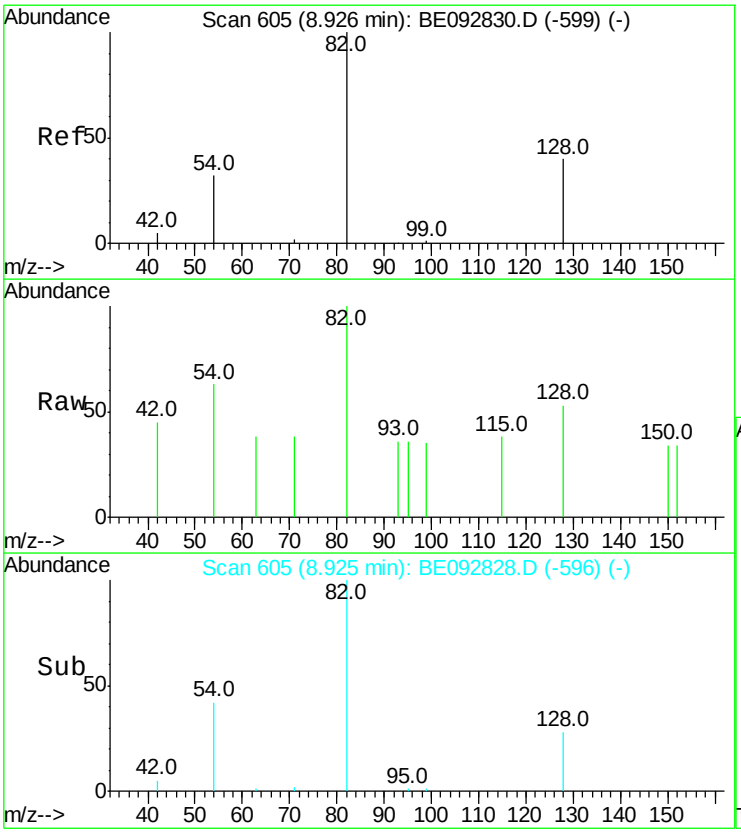
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.54 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 31073

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.4
54	8.4	9.6	14.4#
68	7.4	6.7	10.1

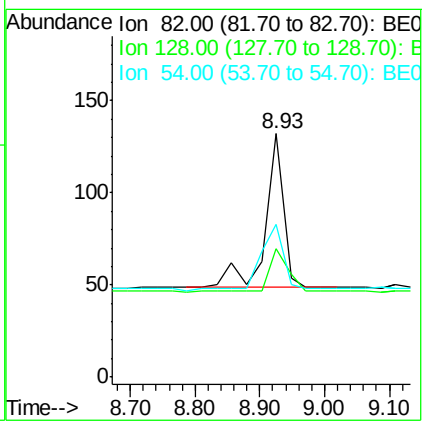


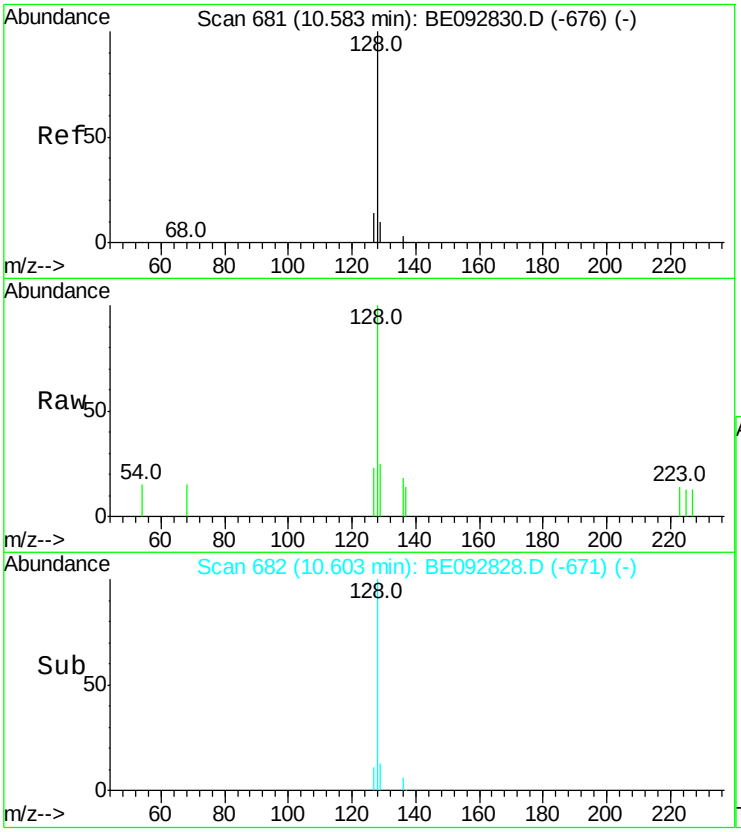


#8
Nitrobenzene-d5
Concen: 0.09 ng
RT: 8.93 min Scan# 605
Delta R.T. -0.00 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Tgt Ion: 82 Resp: 162

Ion	Ratio	Lower	Upper
82	100		
128	53.0	39.0	58.4
54	62.9	44.8	67.2



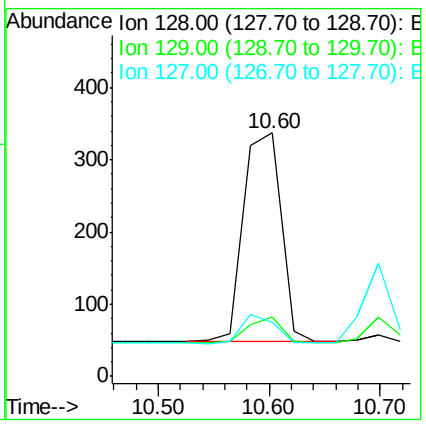


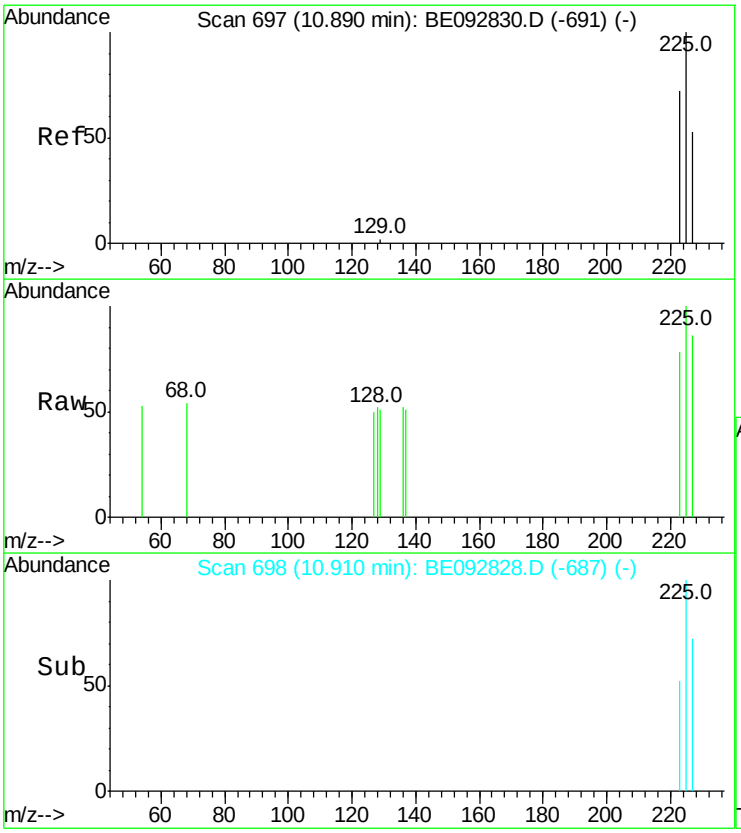
#9
Naphthalene
Concen: 0.10 ng
RT: 10.60 min Scan# 682
Delta R.T. 0.02 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 679

Ion	Ratio	Lower	Upper
128	100		
129	24.6	11.2	16.8#
127	22.6	11.6	17.4#

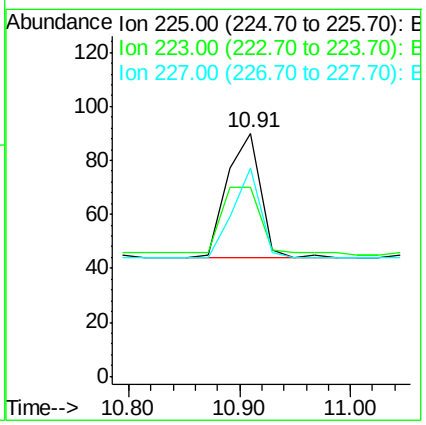


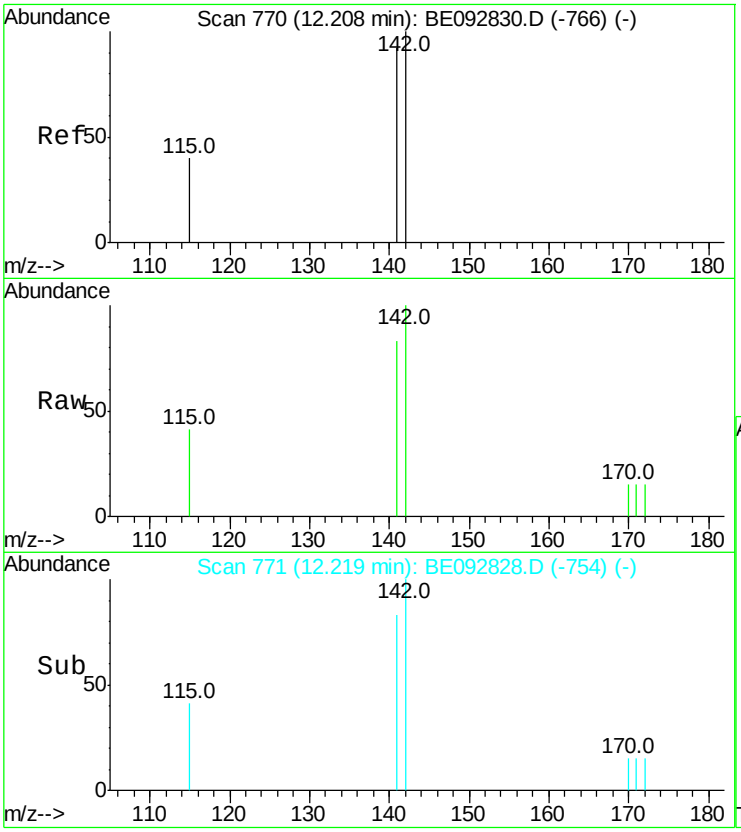


#10
Hexachlorobutadiene
Concen: 0.10 ng
RT: 10.91 min Scan# 698
Delta R.T. 0.02 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Tgt Ion:225 Resp: 97

Ion	Ratio	Lower	Upper
225	100		
223	67.0	50.6	76.0
227	59.8	51.4	77.0



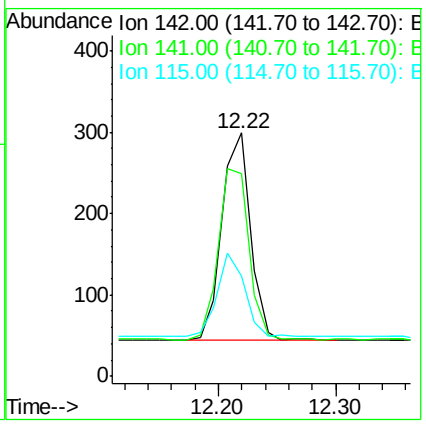


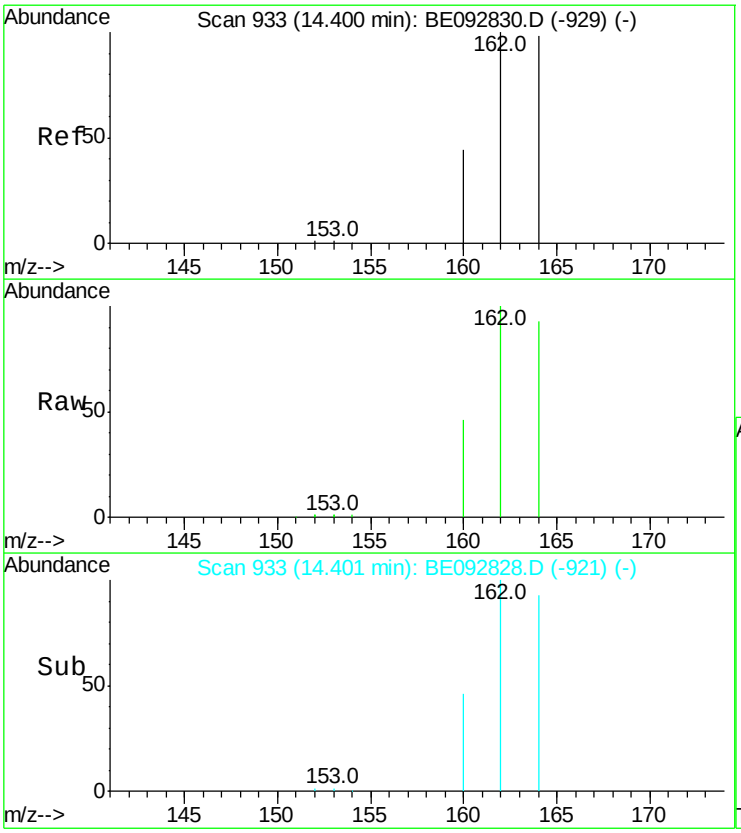
#11
2-Methylnaphthalene
Concen: 0.10 ng
RT: 12.22 min Scan# 771
Delta R.T. 0.01 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 426

Ion	Ratio	Lower	Upper
142	100		
141	83.3	73.7	110.5
115	41.5	34.0	51.0

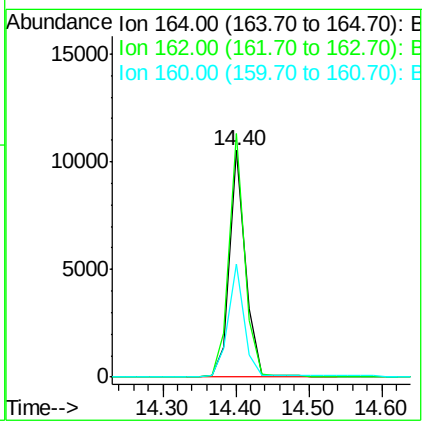


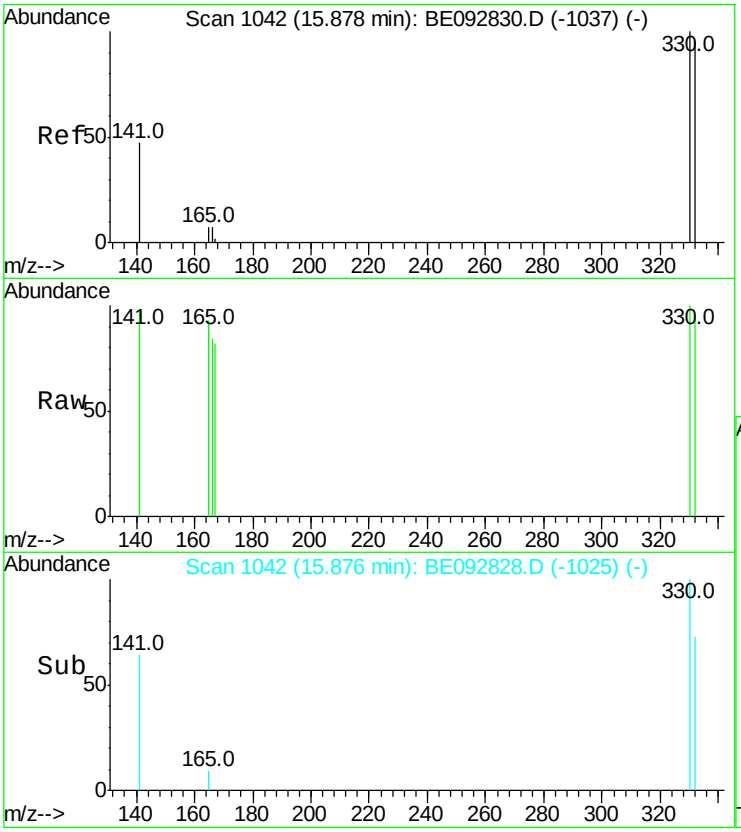


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.40 min Scan# 933
Delta R.T. 0.00 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Tgt Ion:164 Resp: 15342

Ion	Ratio	Lower	Upper
164	100		
162	107.5	71.4	107.0#
160	49.6	27.4	41.2#



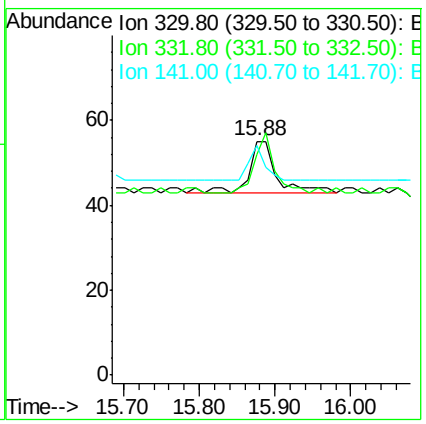


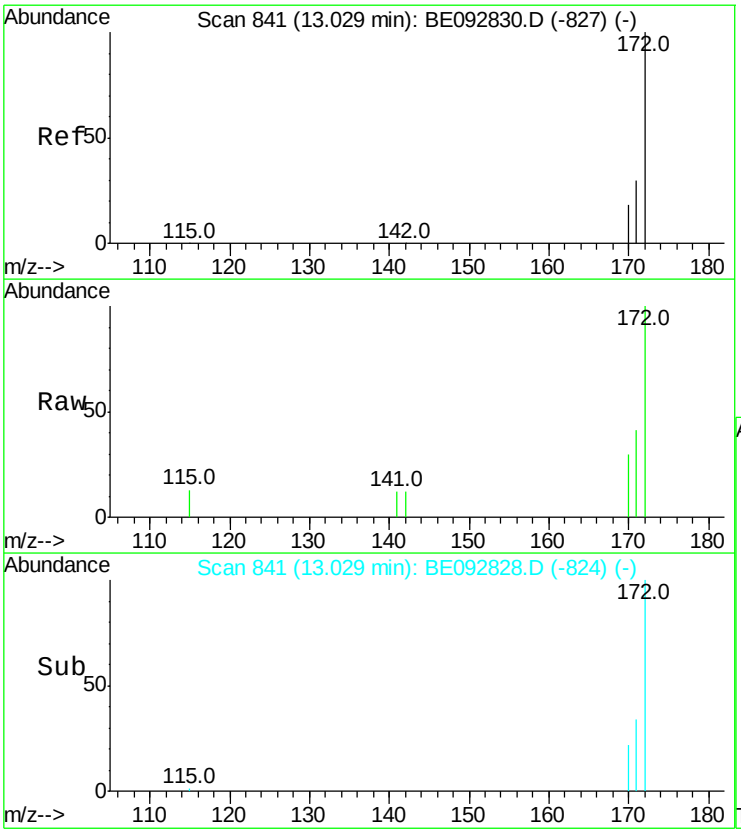
#13
2,4,6-Tribromophenol
Concen: 0.07 ng
RT: 15.88 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 29

Ion	Ratio	Lower	Upper
330	100		
332	82.8	75.4	113.0
141	37.9	31.0	46.6

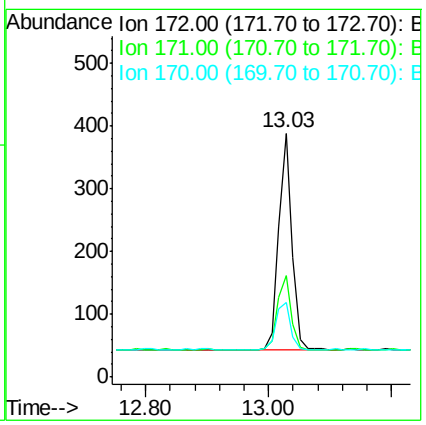


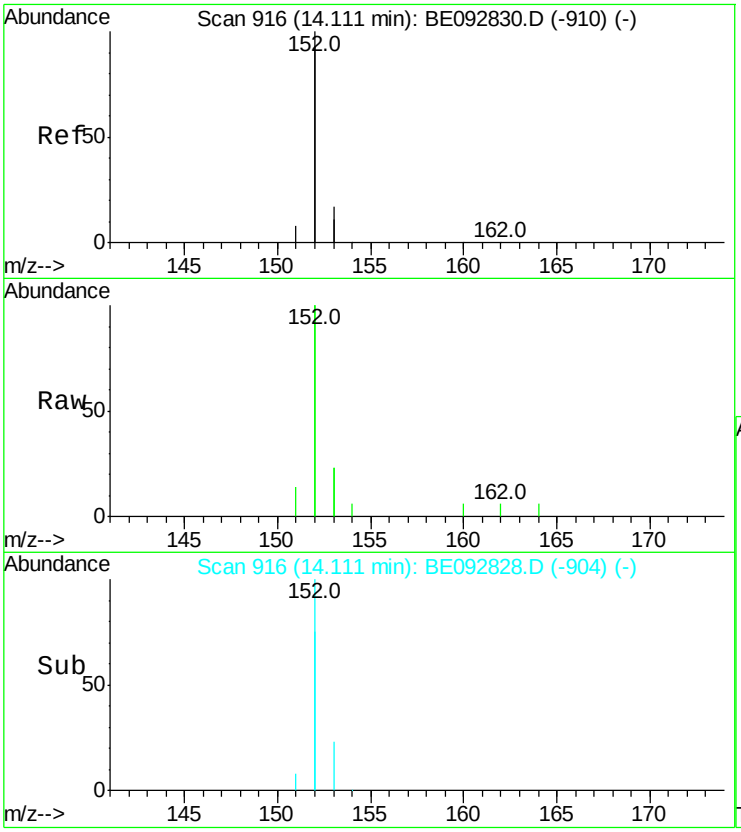


#14
2-Fluorobiphenyl
Concen: 0.14 ng
RT: 13.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Tgt Ion:172 Resp: 508

Ion	Ratio	Lower	Upper
172	100		
171	41.5	30.1	45.1
170	30.4	21.8	32.6



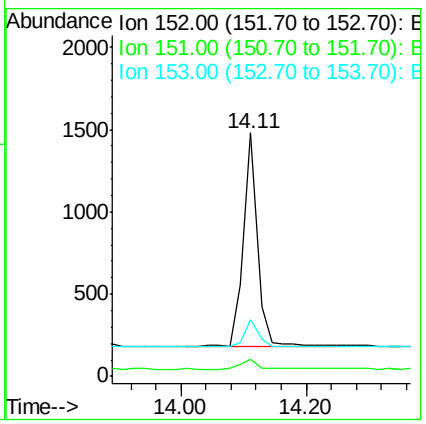


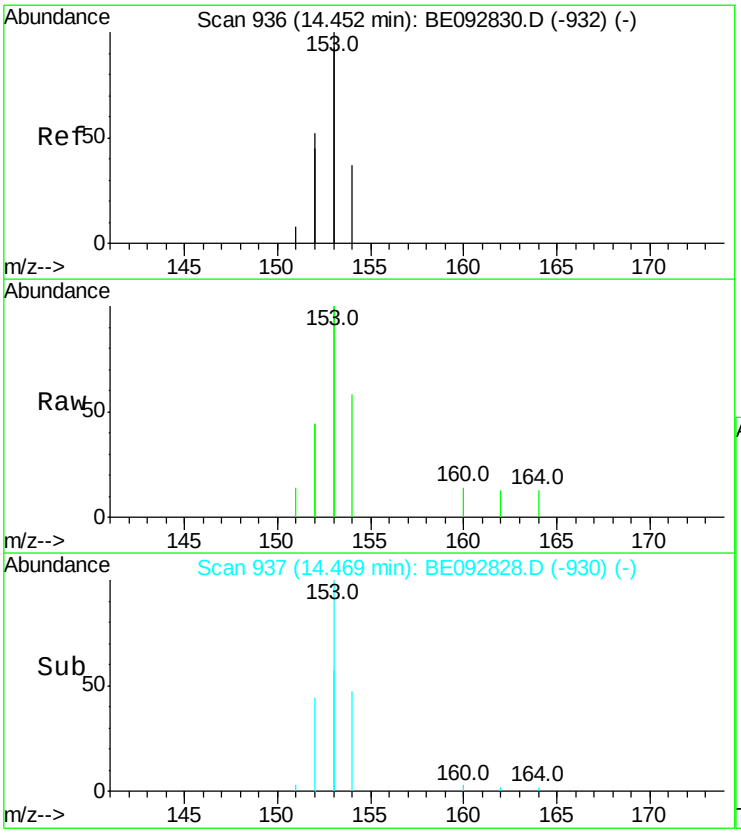
#15
Acenaphthylene
Concen: 0.09 ng
RT: 14.11 min Scan# 916
Delta R.T. 0.00 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2065

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.9	5.9
153	12.3	10.4	15.6

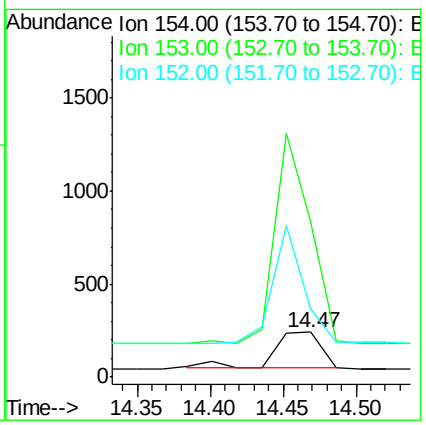


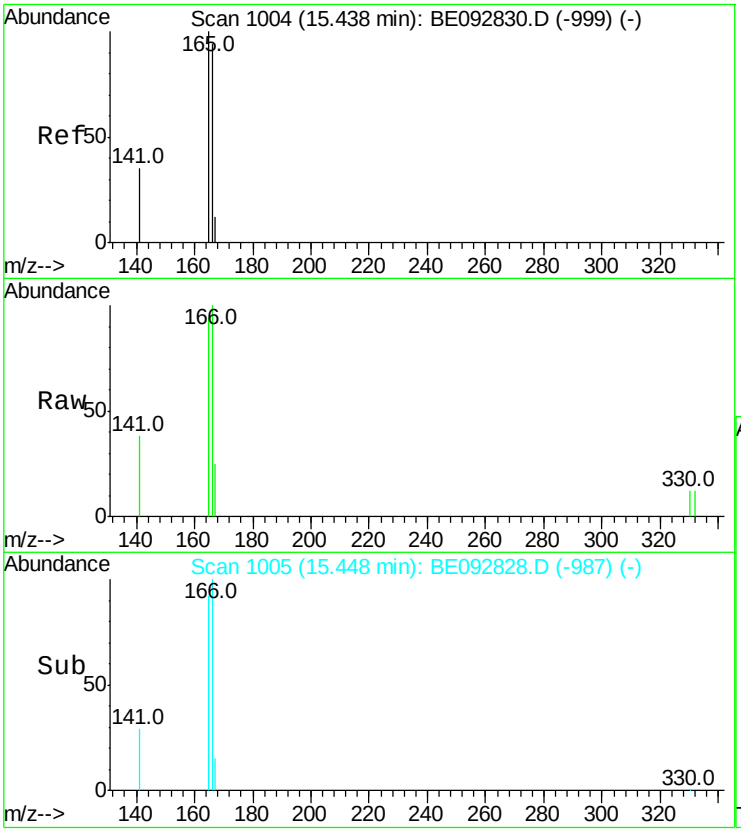


#16
Acenaphthene
Concen: 0.13 ng
RT: 14.47 min Scan# 937
Delta R.T. 0.02 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Tgt Ion:154 Resp: 422

Ion	Ratio	Lower	Upper
154	100		
153	452.4	350.8	526.2
152	220.4	171.1	256.7



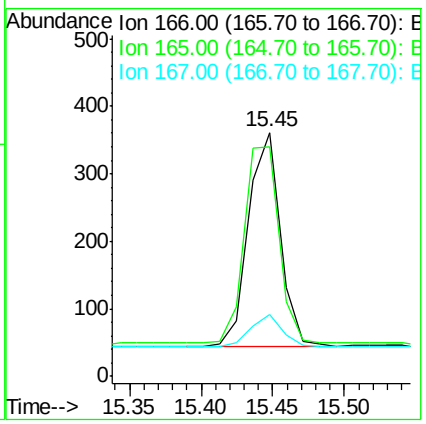


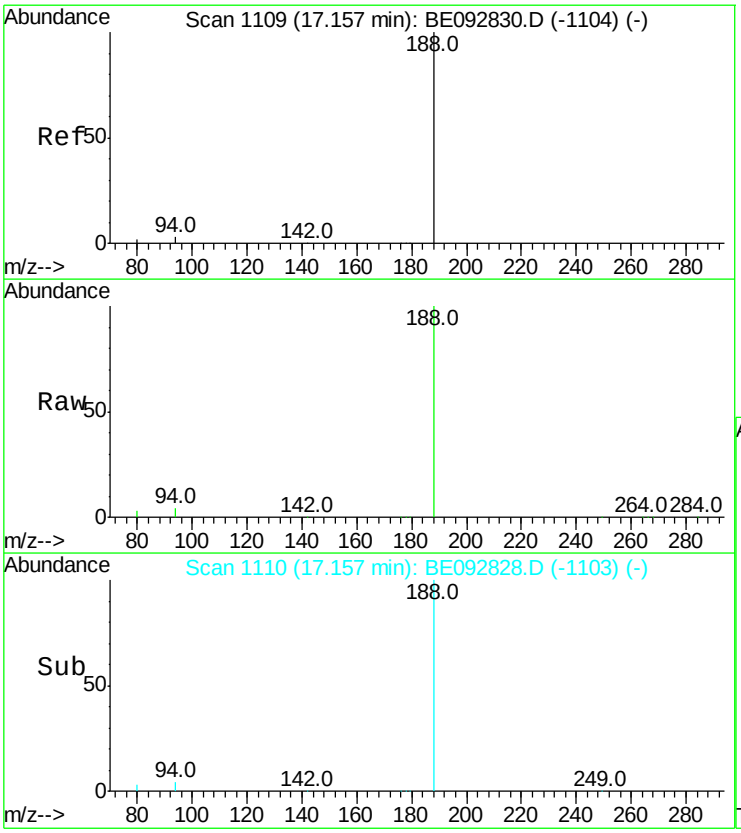
#17
Fluorene
Concen: 0.11 ng
RT: 15.45 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 484

Ion	Ratio	Lower	Upper
166	100		
165	101.2	78.2	117.4
167	14.0	11.0	16.4

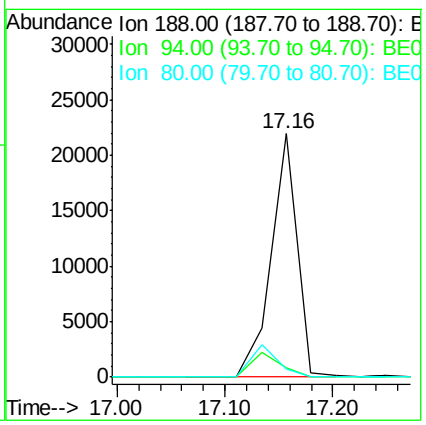


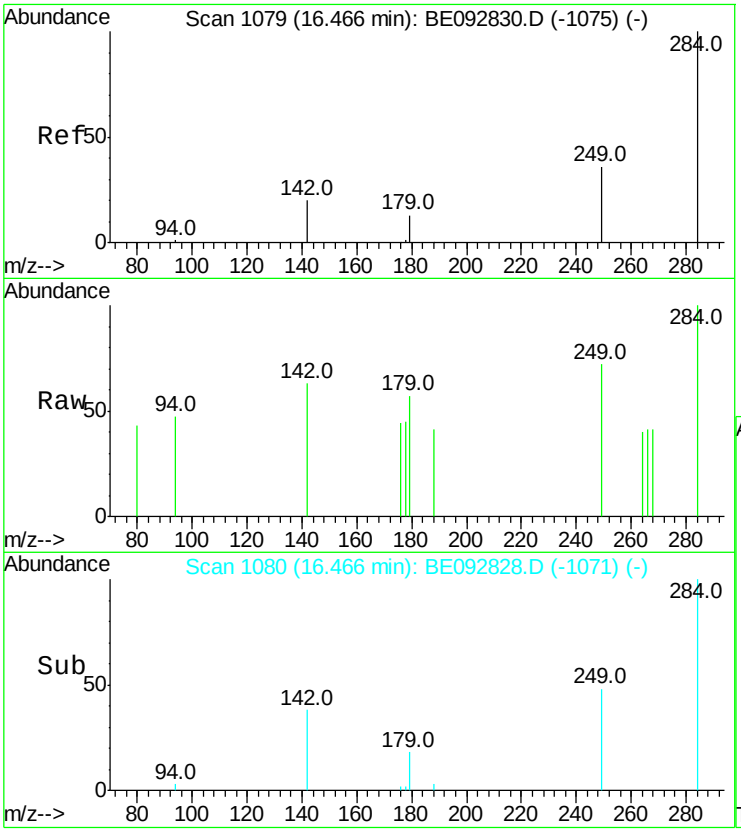


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Tgt Ion:188 Resp: 36914

Ion	Ratio	Lower	Upper
188	100		
94	3.9	3.2	4.8
80	3.3	2.6	3.8



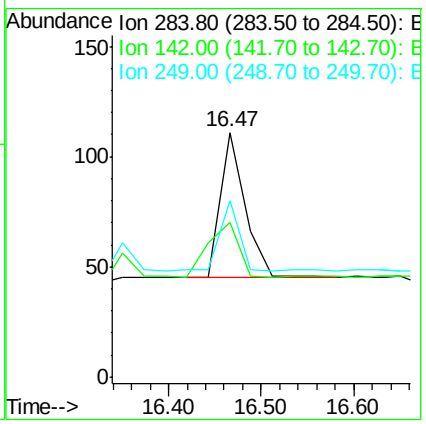


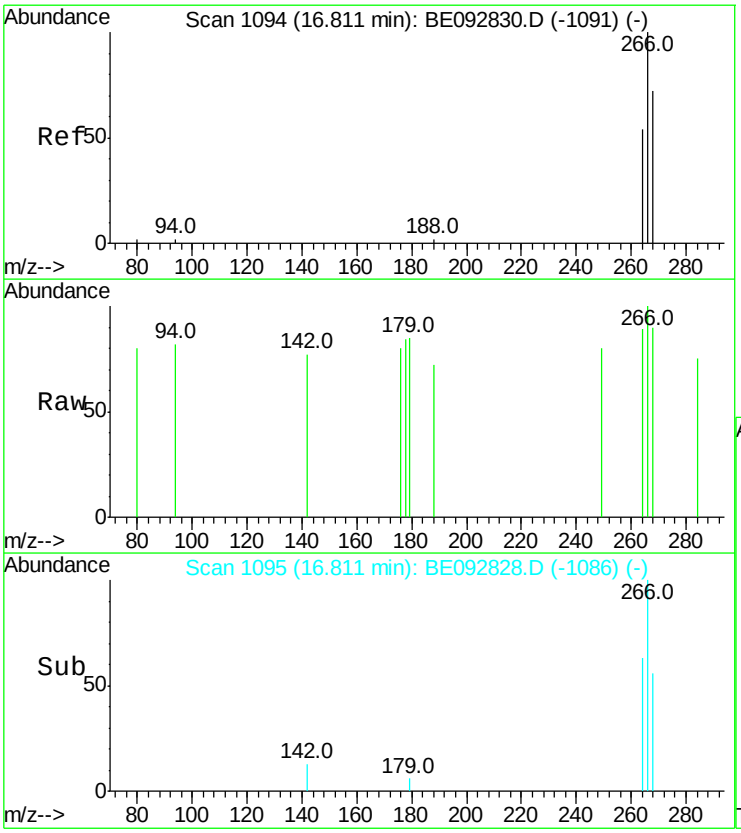
#19
Hexachlorobenzene
Concen: 0.08 ng
RT: 16.47 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 124

Ion	Ratio	Lower	Upper
284	100		
142	46.8	29.1	43.7#
249	38.7	27.9	41.9

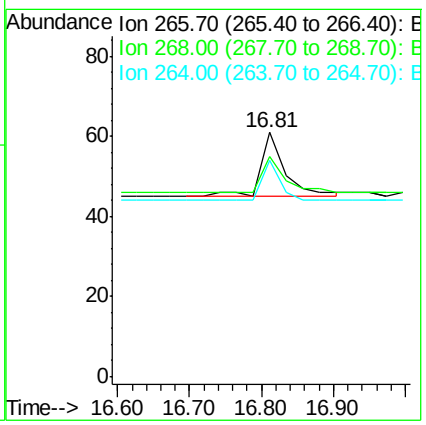


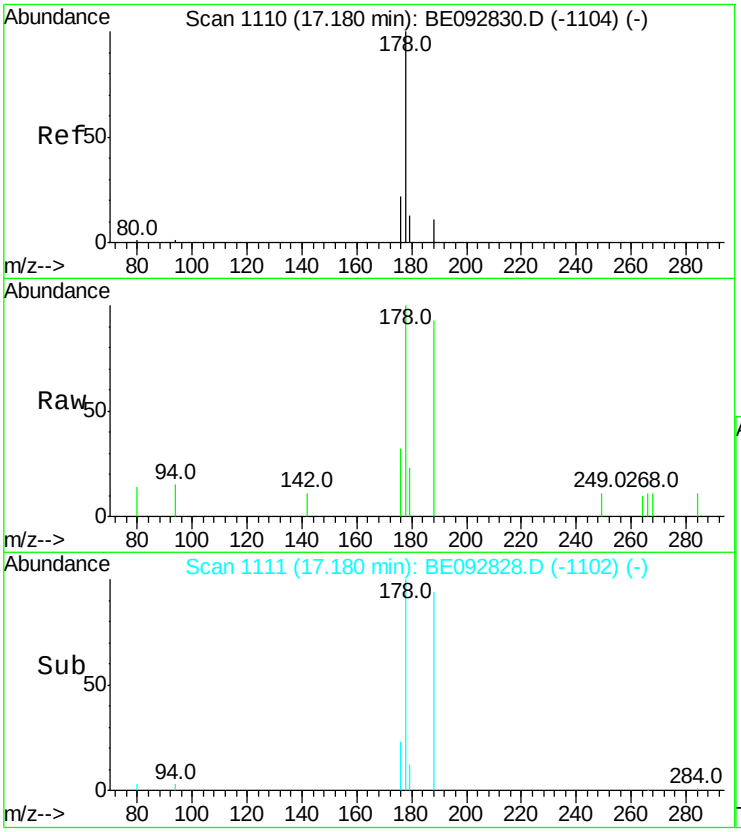


#20
Pentachlorophenol
Concen: 0.07 ng
RT: 16.81 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Tgt Ion:266 Resp: 37

Ion	Ratio	Lower	Upper
266	100		
268	90.2	62.5	93.7
264	88.5	57.2	85.8#



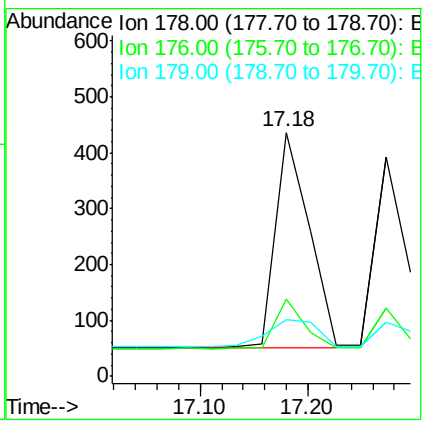


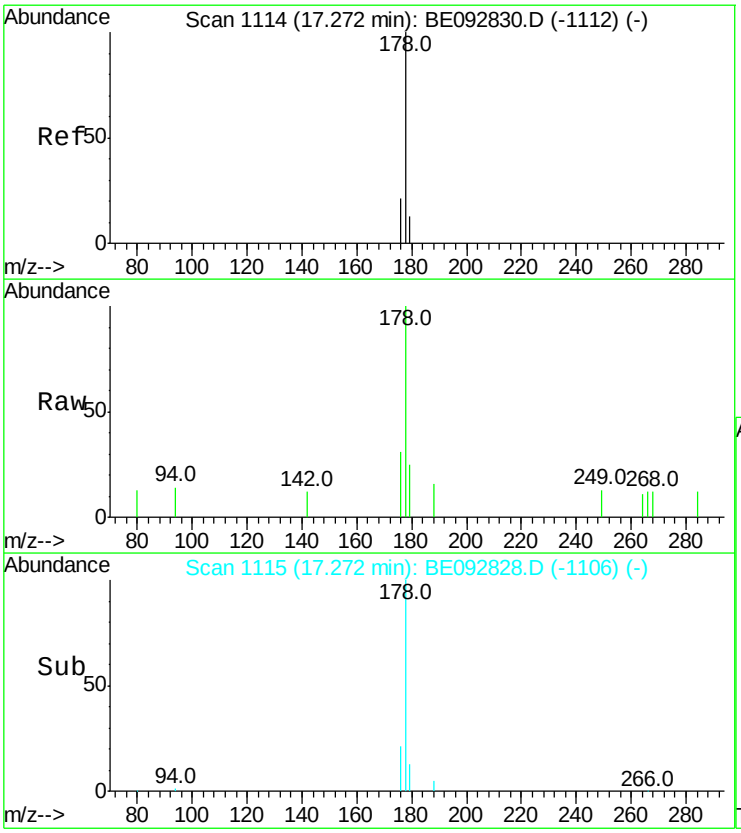
#21
Phenanthrene
Concen: 0.10 ng
RT: 17.18 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 843

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	18.7	16.0	24.0

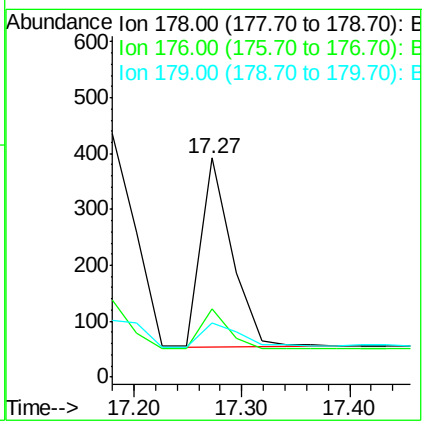


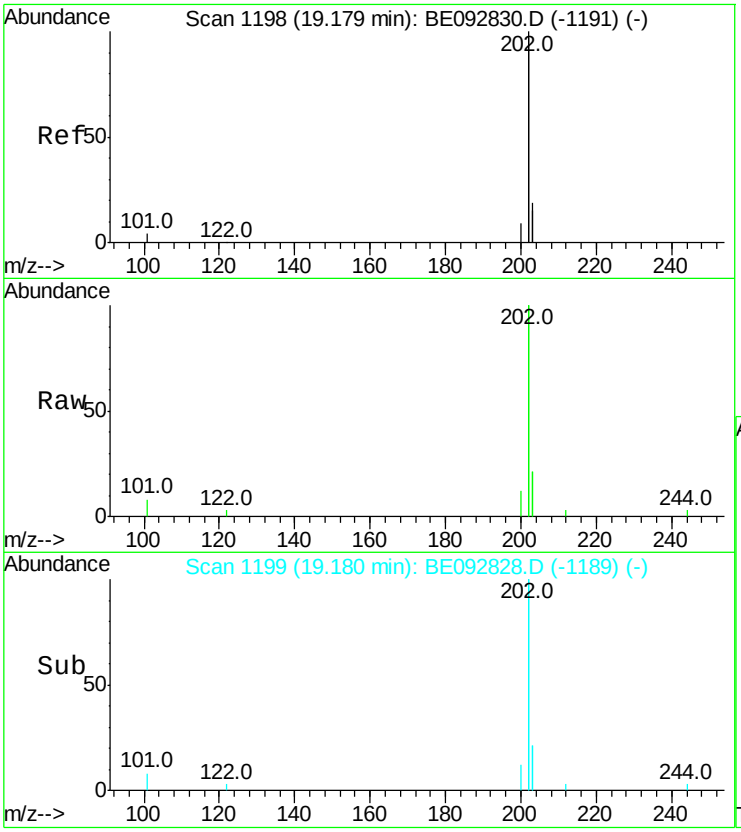


#22
Anthracene
Concen: 0.07 ng
RT: 17.27 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Tgt Ion:178 Resp: 669

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.4
179	16.1	12.2	18.2



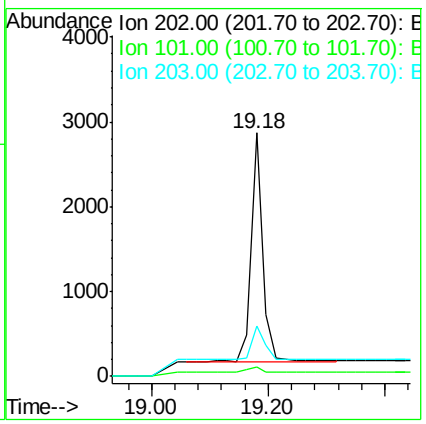


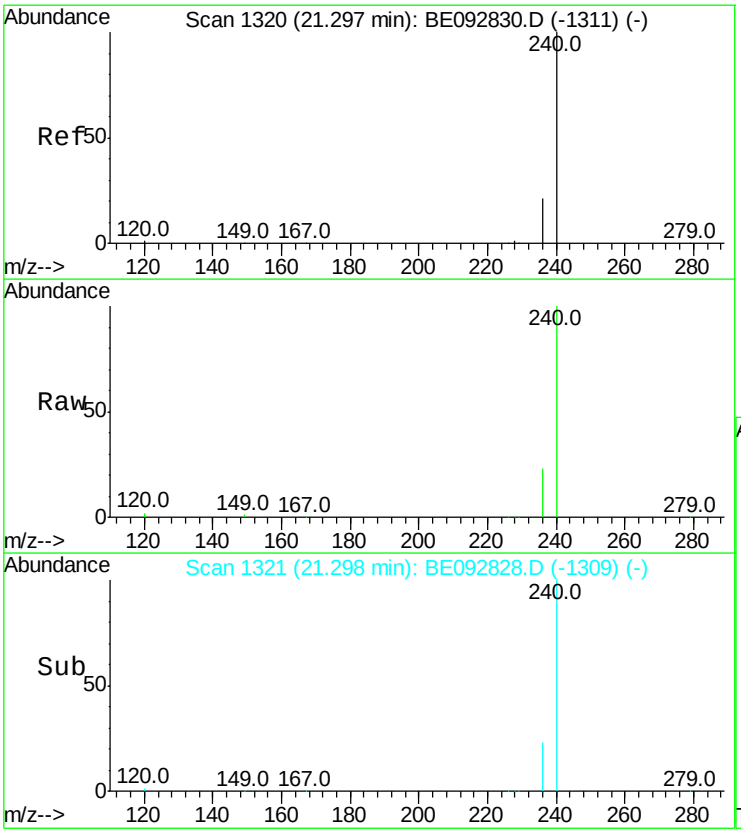
#23
Fluoranthene
Concen: 0.09 ng
RT: 19.18 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 3740

Ion	Ratio	Lower	Upper
202	100		
101	3.2	2.2	3.4
203	16.7	13.7	20.5

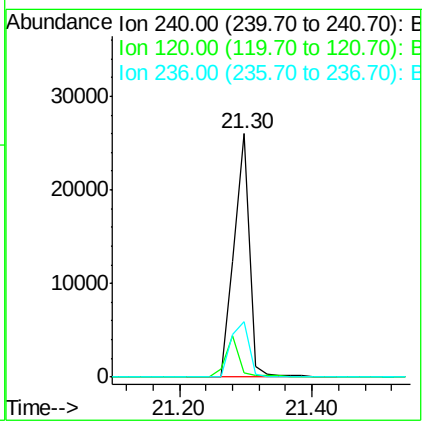


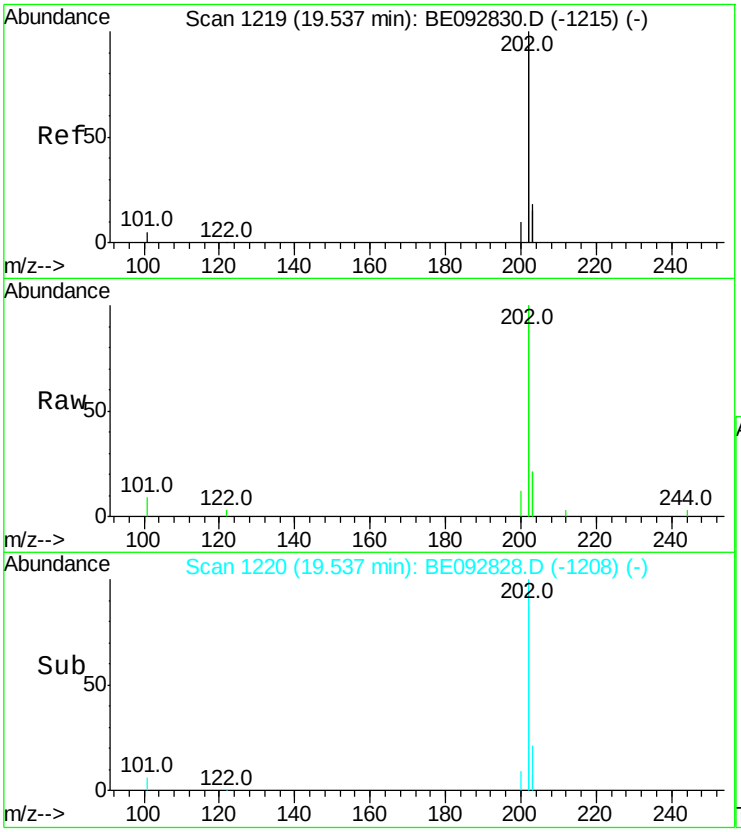


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.30 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Tgt Ion:240 Resp: 41803

Ion	Ratio	Lower	Upper
240	100		
120	1.8	2.6	4.0#
236	22.7	24.6	37.0#



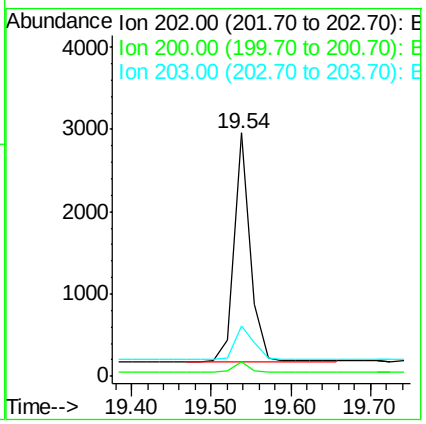


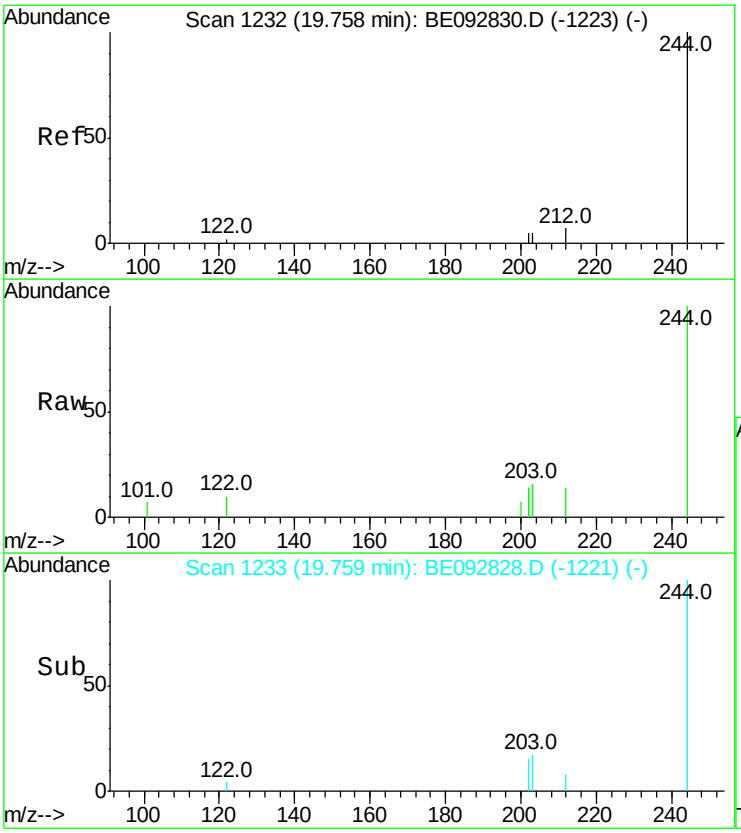
#25
Pyrene
Concen: 0.10 ng
RT: 19.54 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 3901

Ion	Ratio	Lower	Upper
202	100		
200	5.0	4.2	6.4
203	17.6	13.9	20.9

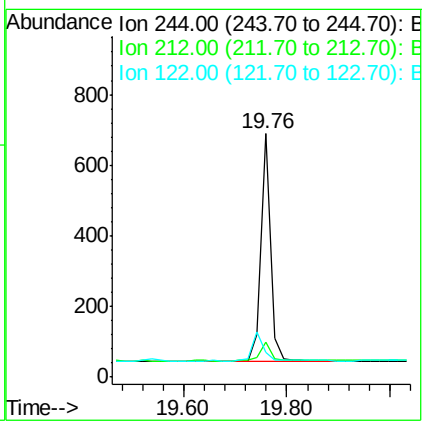


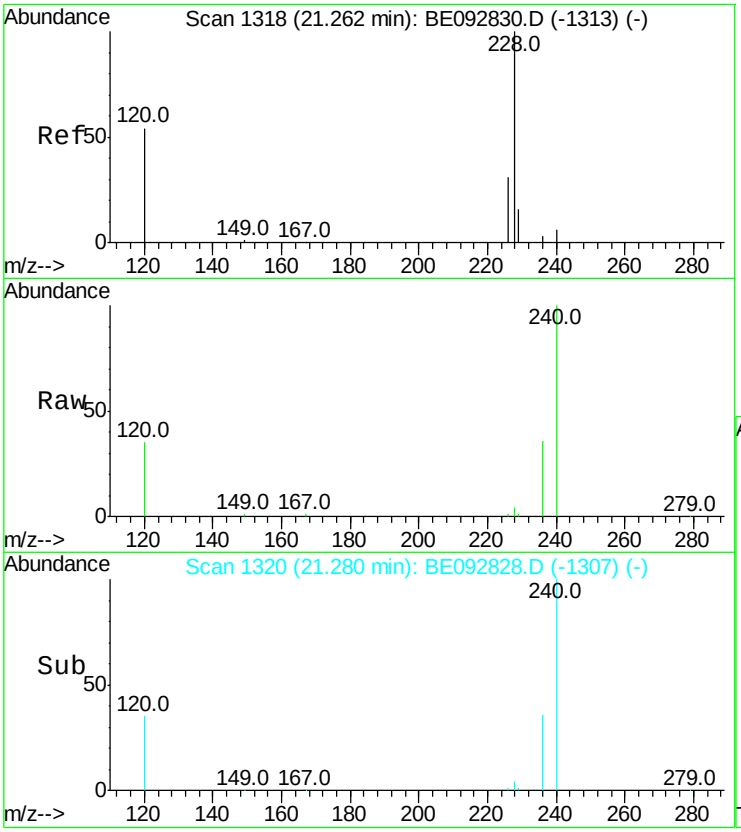


#26
Terphenyl-d14
Concen: 0.16 ng
RT: 19.76 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Tgt Ion:244 Resp: 830

Ion	Ratio	Lower	Upper
244	100		
212	14.2	6.7	10.1#
122	10.2	3.6	5.4#



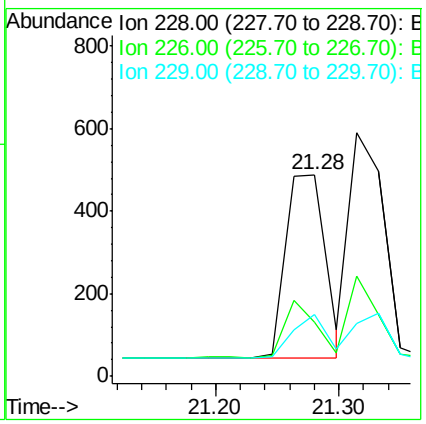


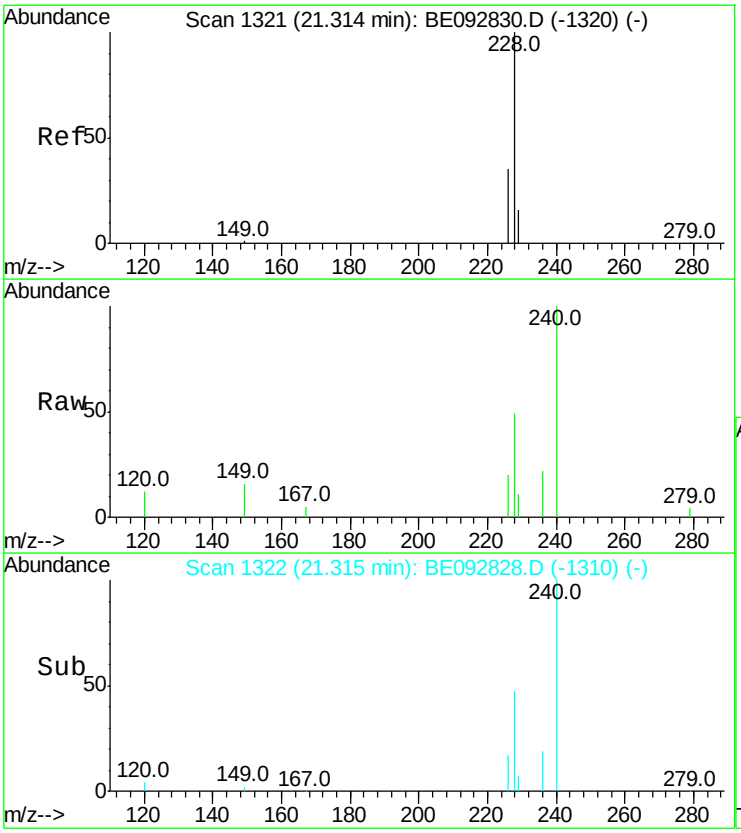
#27
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.28 min Scan# 1320
Delta R.T. 0.02 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 1000

Ion	Ratio	Lower	Upper
228	100		
226	27.0	23.6	35.4
229	30.7	13.3	19.9#

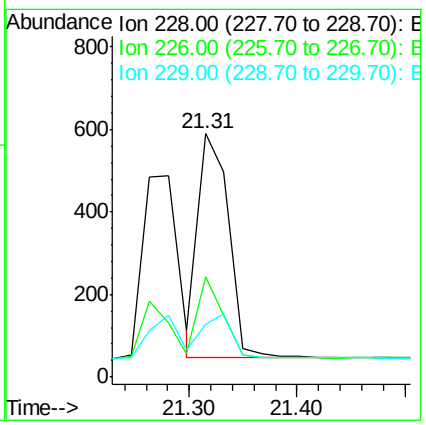


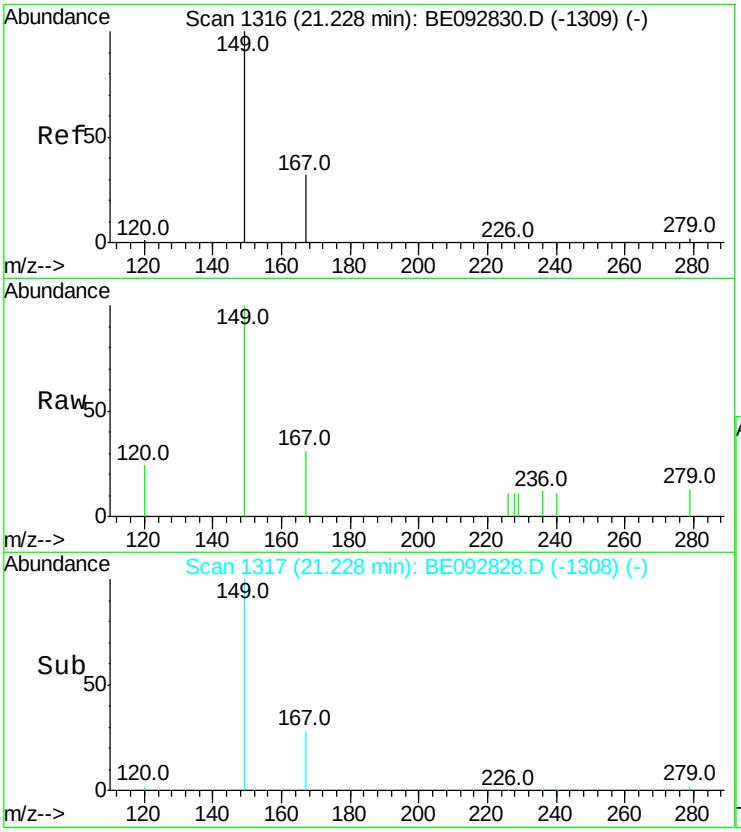


#28
Chrysene
Concen: 0.03 ng
RT: 21.31 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Tgt Ion:228 Resp: 1070

Ion	Ratio	Lower	Upper
228	100		
226	41.2	36.3	54.5
229	21.5	10.6	16.0#



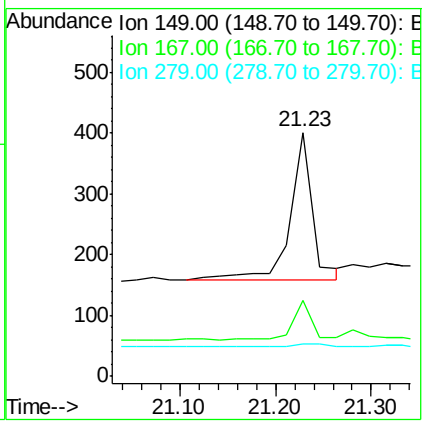


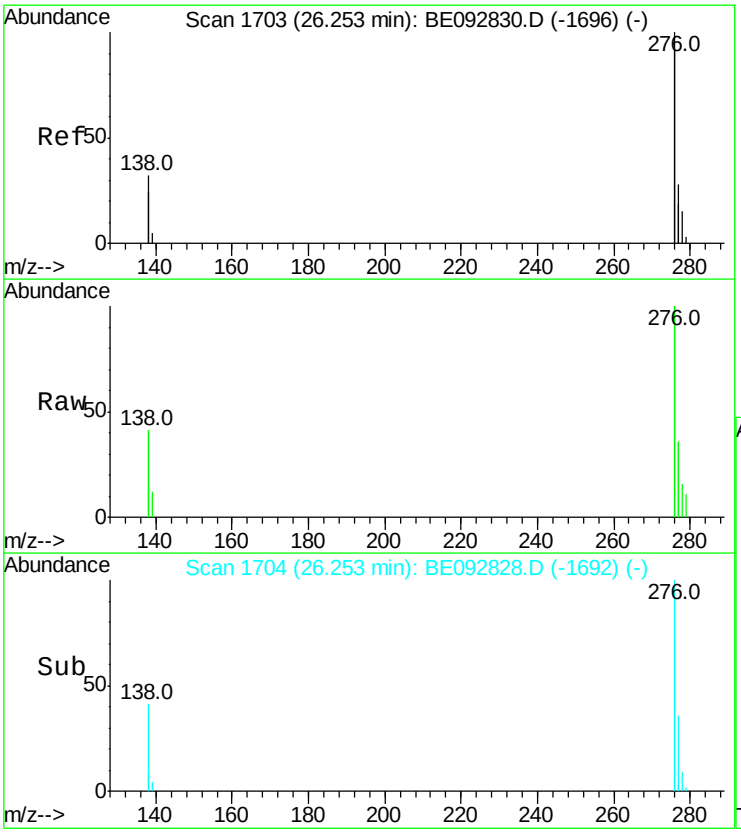
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.09 ng
RT: 21.23 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 391

Ion	Ratio	Lower	Upper
149	100		
167	22.5	16.0	24.0
279	3.8	16.0	24.0#

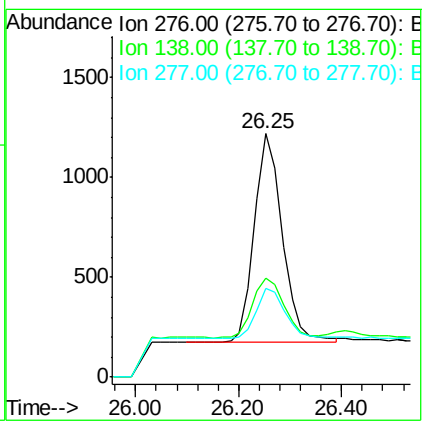


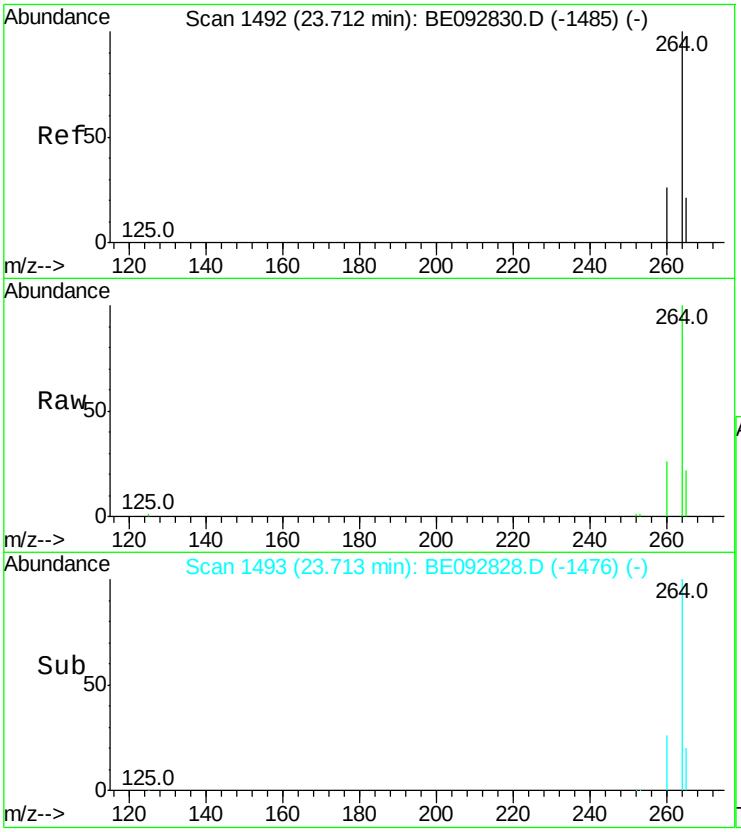


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.09 ng
RT: 26.25 min Scan# 1704
Delta R.T. 0.00 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Tgt Ion:276 Resp: 3891

Ion	Ratio	Lower	Upper
276	100		
138	32.4	20.3	30.5#
277	24.8	19.7	29.5



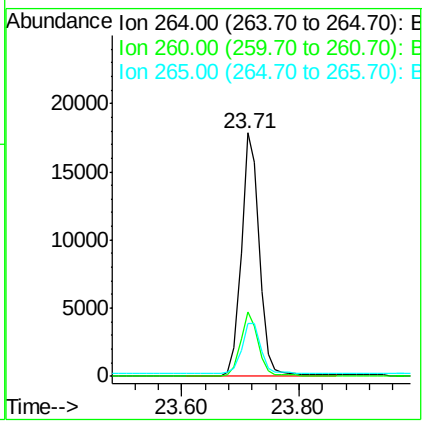


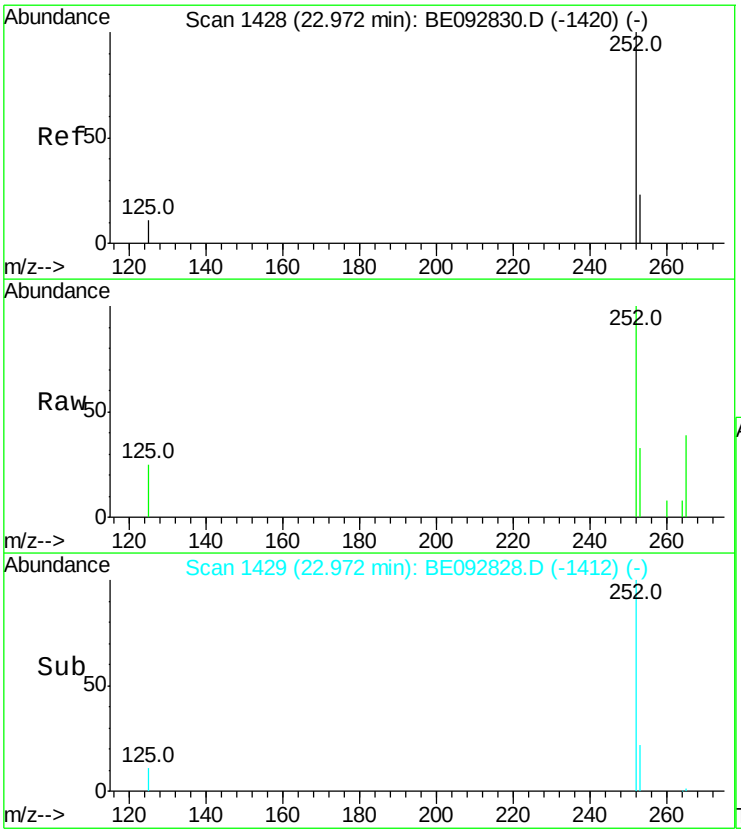
#31
Perylene-d12
Concen: 5.00 ng
RT: 23.71 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 37516

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.1	30.1
265	21.6	17.9	26.9

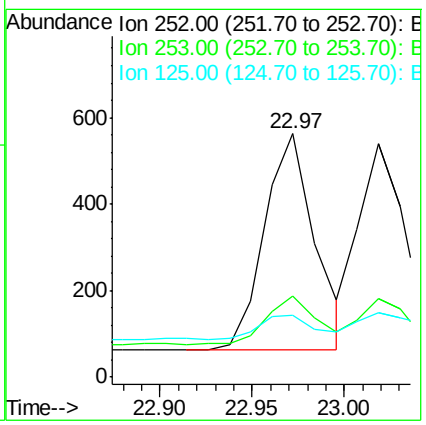


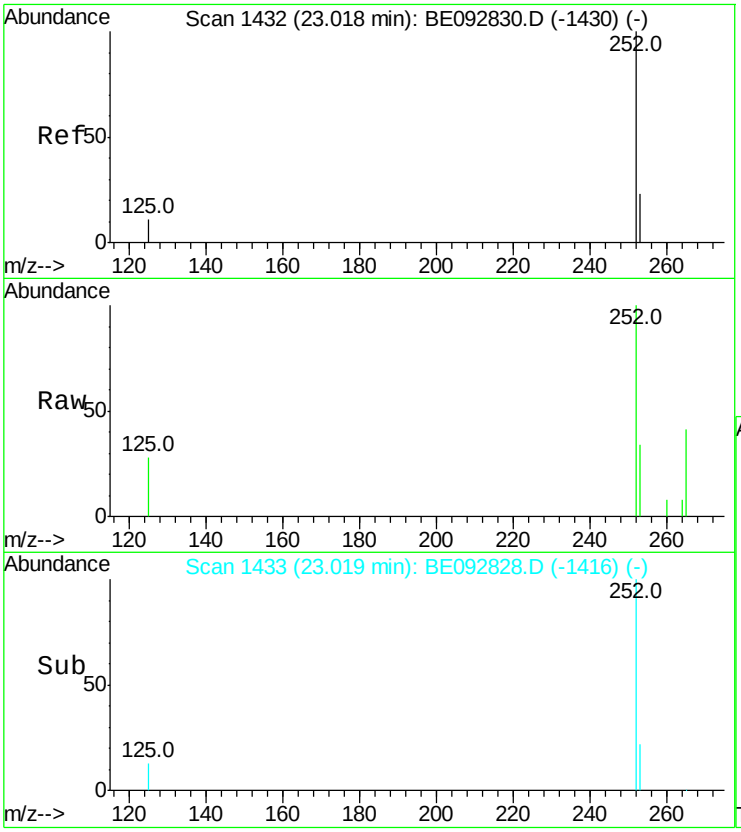


#32
Benzo(b)fluoranthene
Concen: 0.10 ng
RT: 22.97 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Tgt Ion:252 Resp: 950

Ion	Ratio	Lower	Upper
252	100		
253	33.2	18.7	28.1#
125	25.4	10.5	15.7#



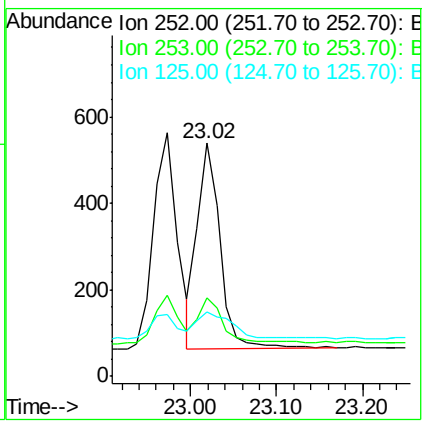


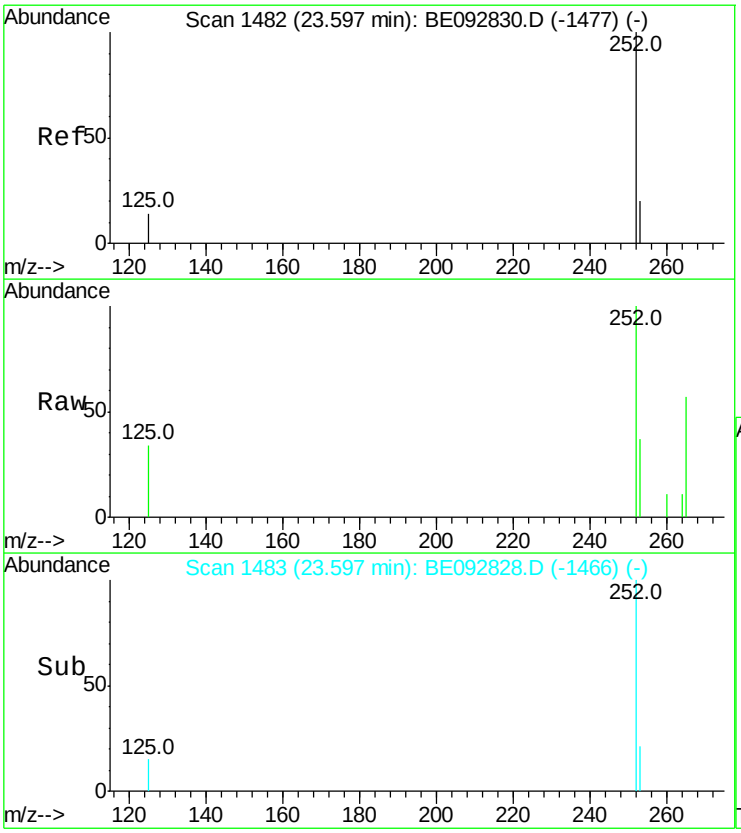
#33
Benzo(k)fluoranthene
Concen: 0.09 ng
RT: 23.02 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 865

Ion	Ratio	Lower	Upper
252	100		
253	33.6	20.3	30.5#
125	27.6	9.6	14.4#

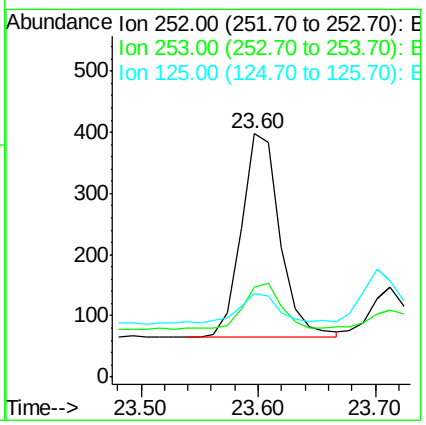


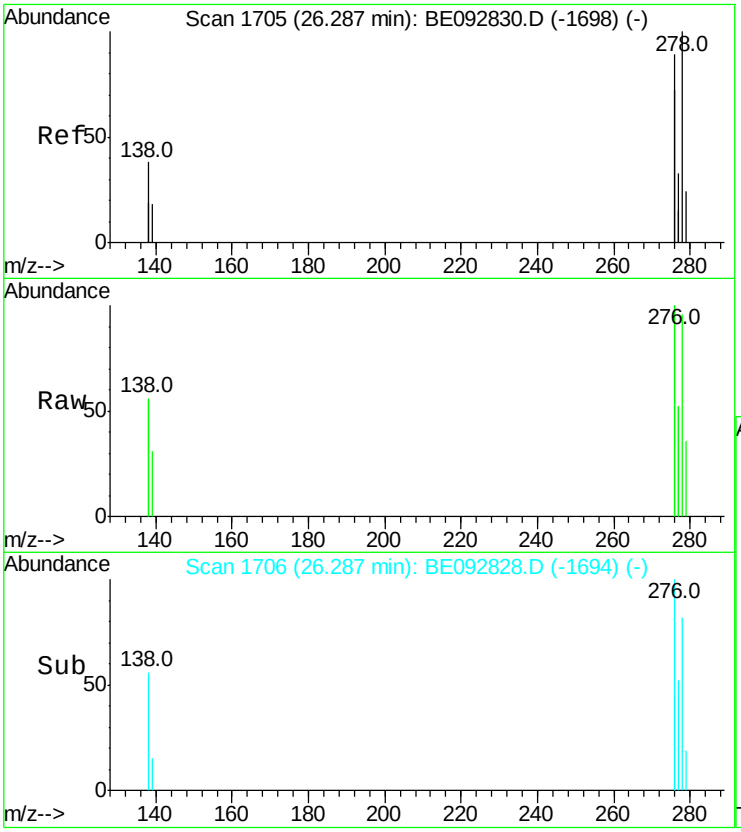


#34
Benzo(a)pyrene
Concen: 0.08 ng
RT: 23.60 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Tgt Ion:252 Resp: 759

Ion	Ratio	Lower	Upper
252	100		
253	37.2	19.0	28.6#
125	34.4	11.8	17.8#



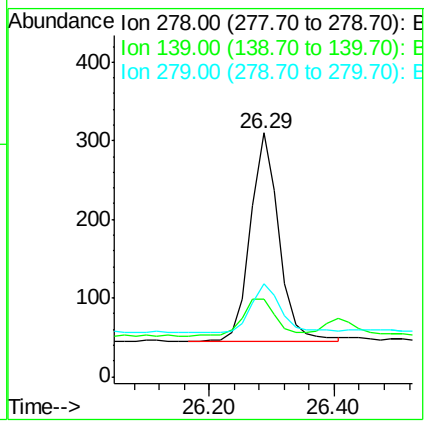


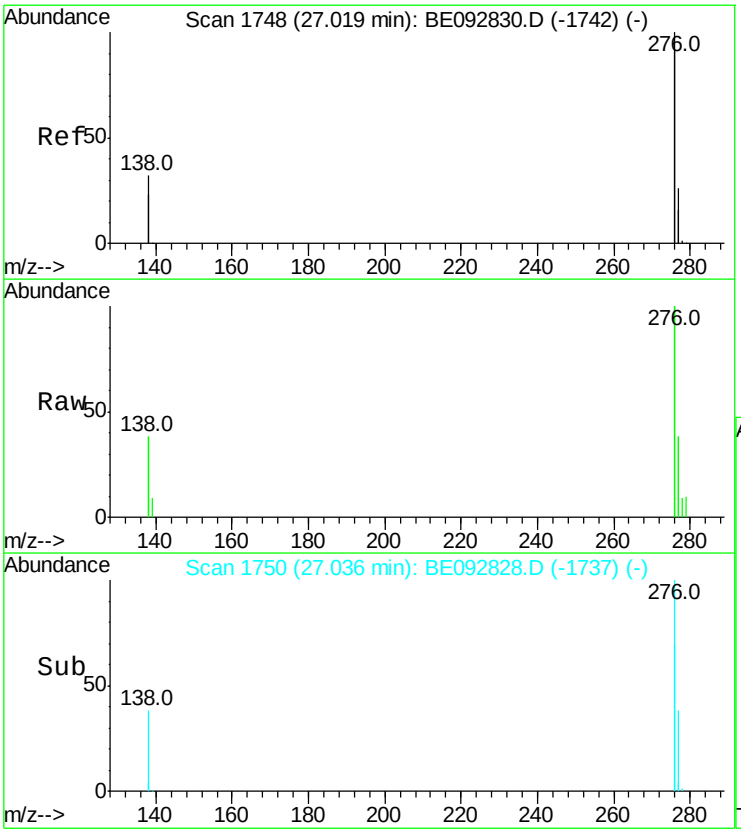
#35
Dibenzo(a,h)anthracene
Concen: 0.10 ng
RT: 26.29 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 832

Ion	Ratio	Lower	Upper
278	100		
139	31.9	13.8	20.8#
279	38.1	21.4	32.2#





#36
Benzo(g,h,i)perylene
Concen: 0.10 ng
RT: 27.04 min Scan# 1750
Delta R.T. 0.02 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Tgt Ion:276 Resp: 3627

Ion	Ratio	Lower	Upper
276	100		
277	37.7	19.8	29.8#
138	37.9	19.8	29.6#