Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040417\
Data File : BE092889.D
Acq On : 4 Apr 2017 17:49
Operator : SJ/MA
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Apr 04 19:14:22 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 16:35:54 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	8605	5.00	ng		-0.02
7) Naphthalene-d8	10.53	136	37476	5.00	ng		-0.02
12) Acenaphthene-d10	14.38	164	18321	5.00	ng		-0.02
18) Phenanthrene-d10	17.13	188	45967	5.00	ng		-0.02
24) Chrysene-d12	21.28	240	49258	5.00	ng		-0.02
31) Perylene-d12	23.70	264	42033	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	678	0.39	ng		0.00
5) Phenol-d6	6.94	99	966	0.39	ng		0.00
8) Nitrobenzene-d5	8.90	82	818	0.38	ng		-0.02
13) 2,4,6-Tribromophenol	15.87	330	87	0.37	ng		-0.01
14) 2-Fluorobiphenyl	13.02	172	2460	0.40	ng		-0.01
26) Terphenyl-d14	19.74	244	2965	0.39	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	459	0.40	ng		92
3) n-Nitrosodimethylamine	3.61	42	452	0.39	ng	#	88
6) bis(2-Chloroethyl)ether	7.20	93	1115	0.40	ng	#	50
9) Naphthalene	10.58	128	3278	0.40	ng		99
10) Hexachlorobutadiene	10.89	225	443	0.40	ng		99
11) 2-Methylnaphthalene	12.21	142	1991	0.39	ng	#	86
15) Acenaphthylene	14.09	152	9537	0.37	ng		100
16) Acenaphthene	14.45	154	2110	0.40	ng		99
17) Fluorene	15.44	166	2271	0.39	ng		98
19) Hexachlorobenzene	16.47	284	603	0.35	ng	#	39
20) Pentachlorophenol	16.79	266	117	0.41	ng		91
21) Phenanthrene	17.18	178	4477	0.36	ng		94
22) Anthracene	17.27	178	3309	0.33	ng		98
23) Fluoranthene	19.16	202	15952	0.36	ng		100
25) Pyrene	19.52	202	17419	0.40	ng		100
27) Benzo(a)anthracene	21.26	228	3851	0.36	ng	#	94
28) Chrysene	21.31	228	5003	0.41	ng	#	76
29) Bis(2-ethylhexyl)phthalate	21.21	149	781	0.38	ng	#	73
30) Indeno(1,2,3-cd)pyrene	26.24	276	15239	0.37	ng	#	93
32) Benzo(b)fluoranthene	22.96	252	3904	0.38	ng		97
33) Benzo(k)fluoranthene	23.01	252	3407m	0.36	ng		
34) Benzo(a)pyrene	23.58	252	3083	0.38	ng		97
35) Dibenzo(a,h)anthracene	26.25	278	3360	0.36	ng	#	94
36) Benzo(g,h,i)perylene	27.00	276	13563	0.36	ng		94

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

Quantitation Report (QT Reviewed)

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Acq On : 4 Apr 2017 17:49
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Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Apr 04 19:14:22 2017
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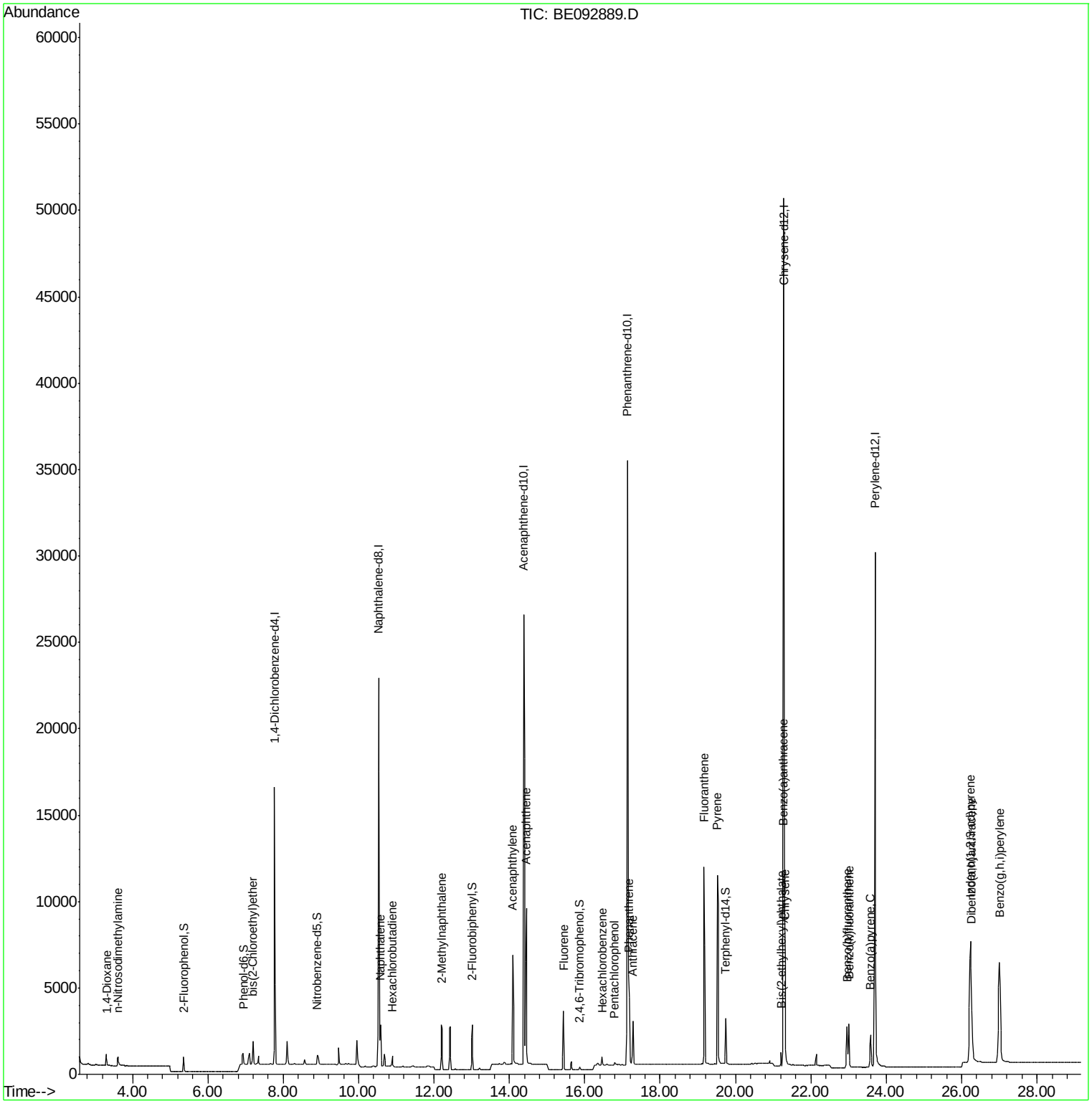
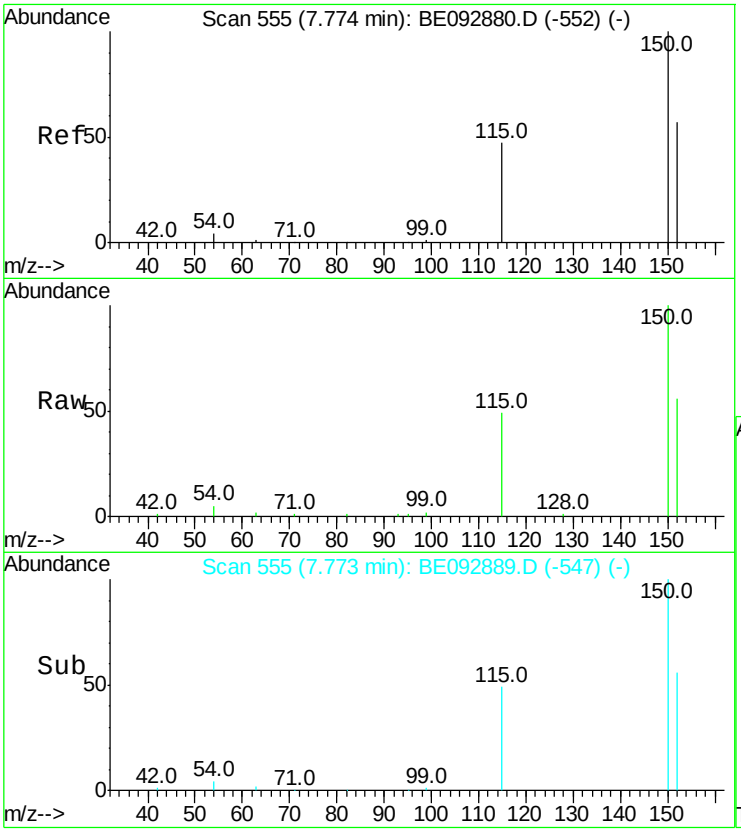
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 04 16:35:54 2017
Response via : Initial Calibration



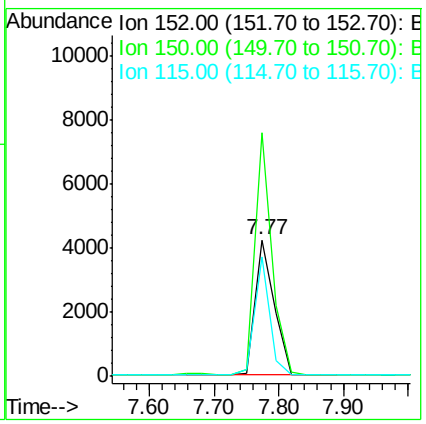


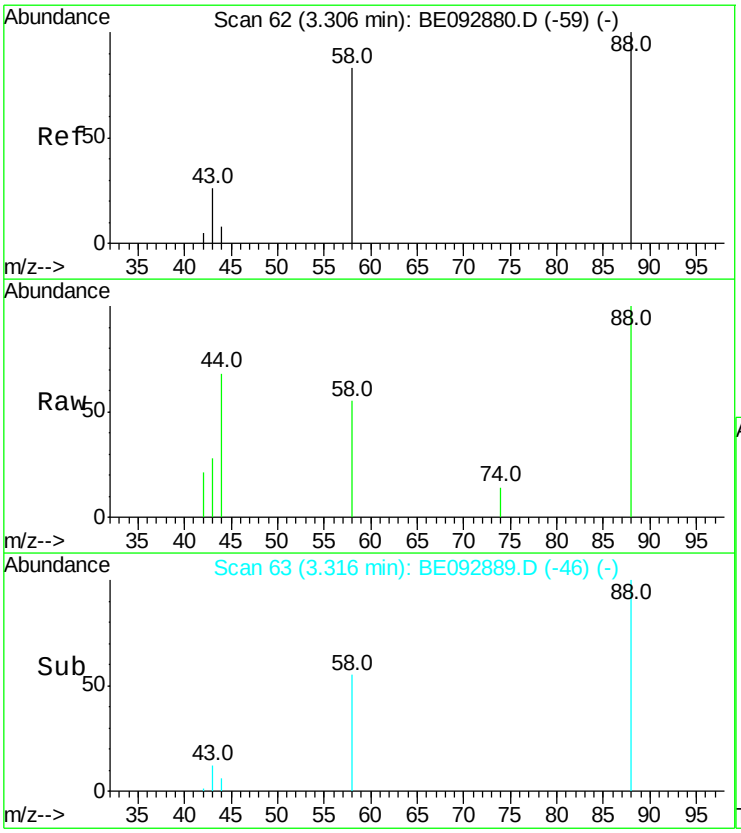
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.77 min Scan# 555
Delta R.T. -0.02 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 8605

Ion	Ratio	Lower	Upper
152	100		
150	178.5	106.0	159.0#
115	87.2	31.2	46.8#

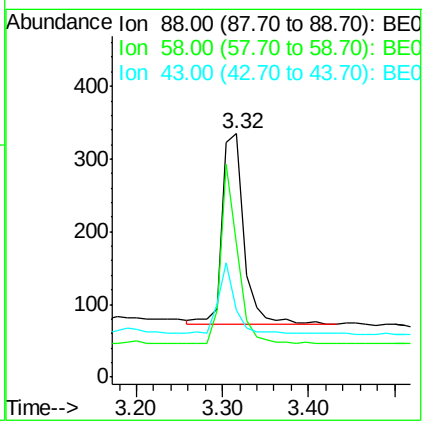


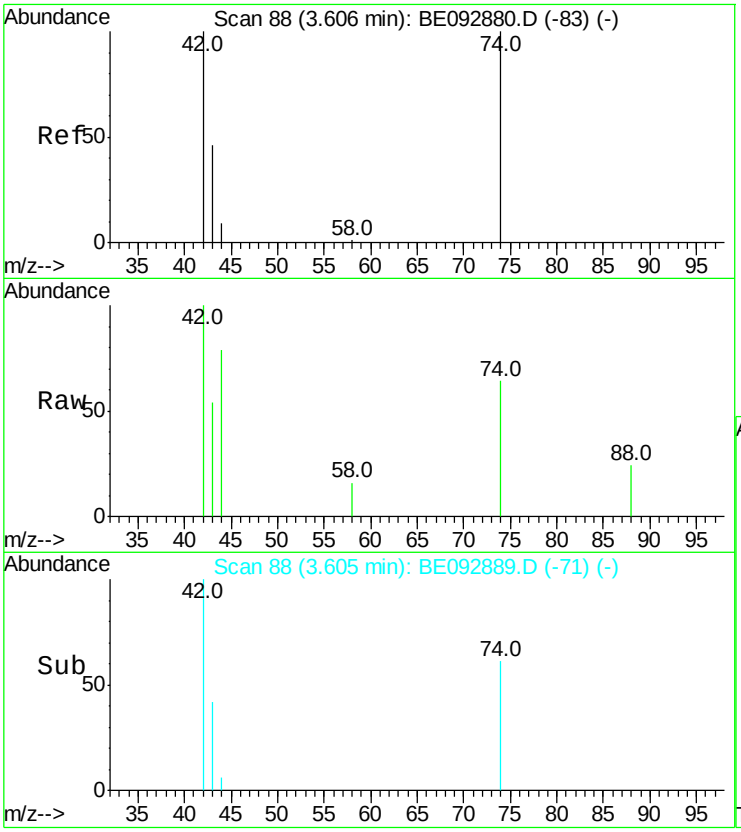


#2
1,4-Dioxane
Concen: 0.40 ng
RT: 3.32 min Scan# 63
Delta R.T. -0.00 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Tgt Ion: 88 Resp: 459

Ion	Ratio	Lower	Upper
88	100		
58	74.1	63.6	95.4
43	28.8	28.0	42.0



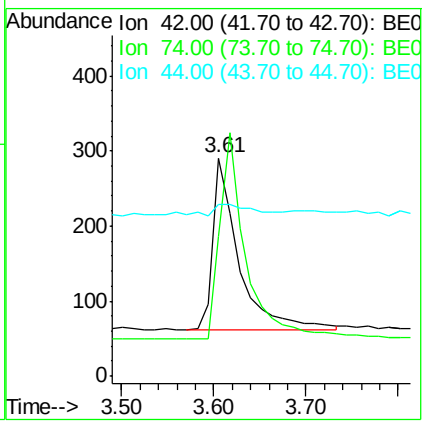


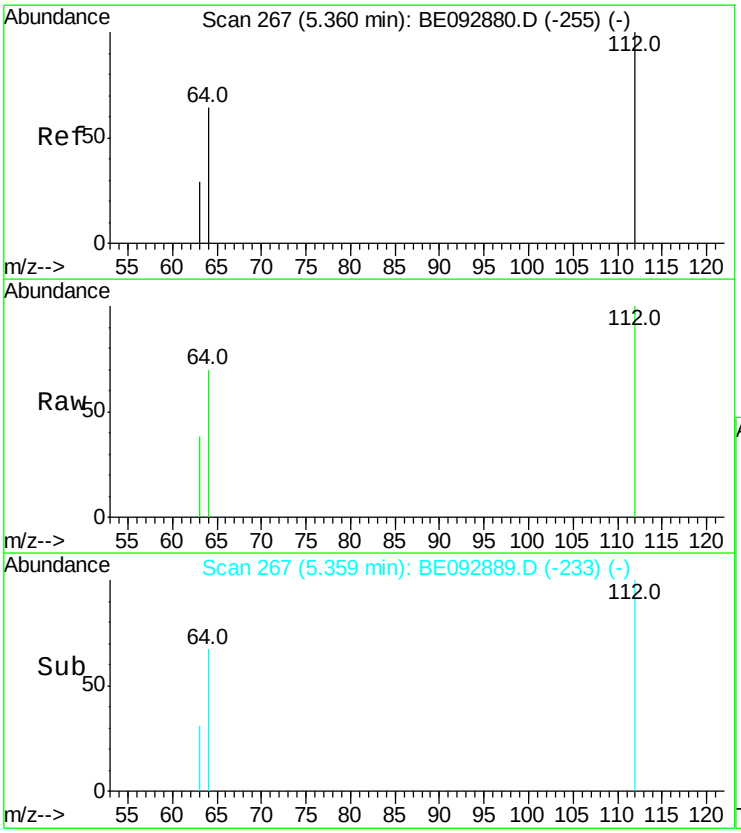
#3
n-Nitrosodimethylamine
Concen: 0.39 ng
RT: 3.61 min Scan# 88
Delta R.T. -0.00 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 452

Ion	Ratio	Lower	Upper
42	100		
74	120.6	86.0	129.0
44	8.2	5.1	7.7#

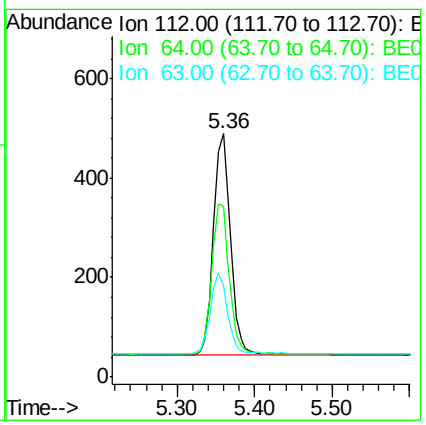


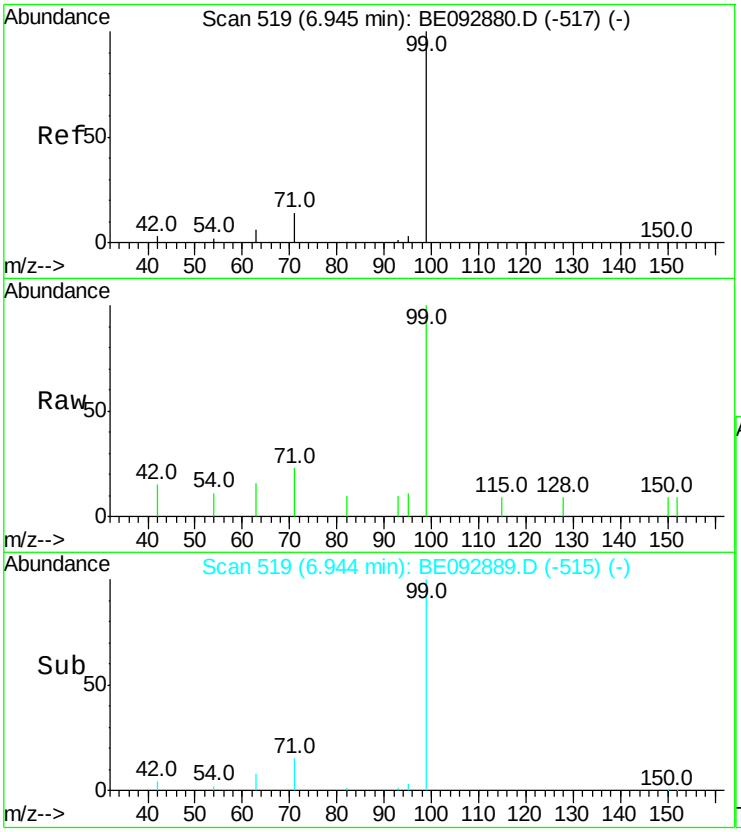


#4
2-Fluorophenol
Concen: 0.39 ng
RT: 5.36 min Scan# 267
Delta R.T. -0.00 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Tgt Ion:112 Resp: 678

Ion	Ratio	Lower	Upper
112	100		
64	68.9	53.5	80.3
63	34.8	27.9	41.9



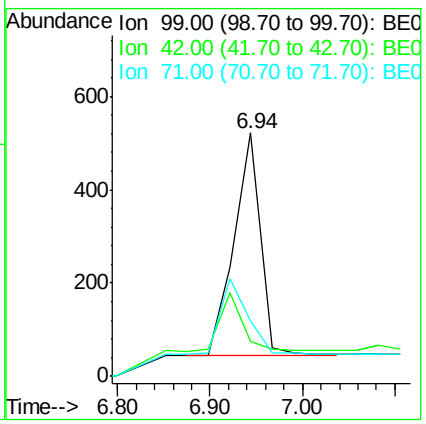


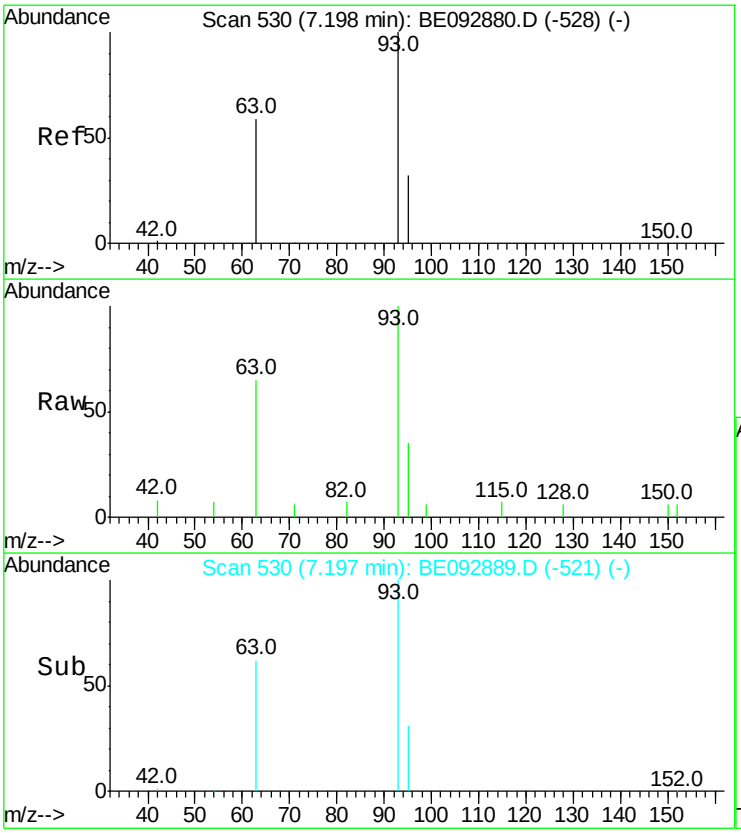
#5
Phenol-d6
Concen: 0.39 ng
RT: 6.94 min Scan# 519
Delta R.T. -0.00 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 966

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

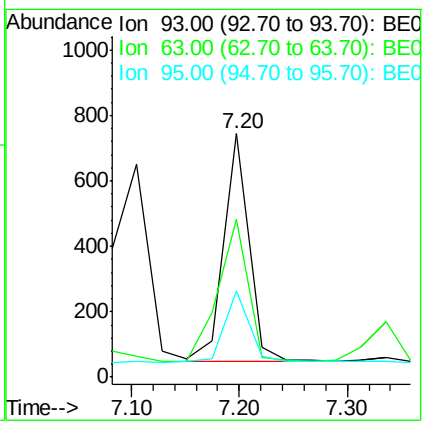


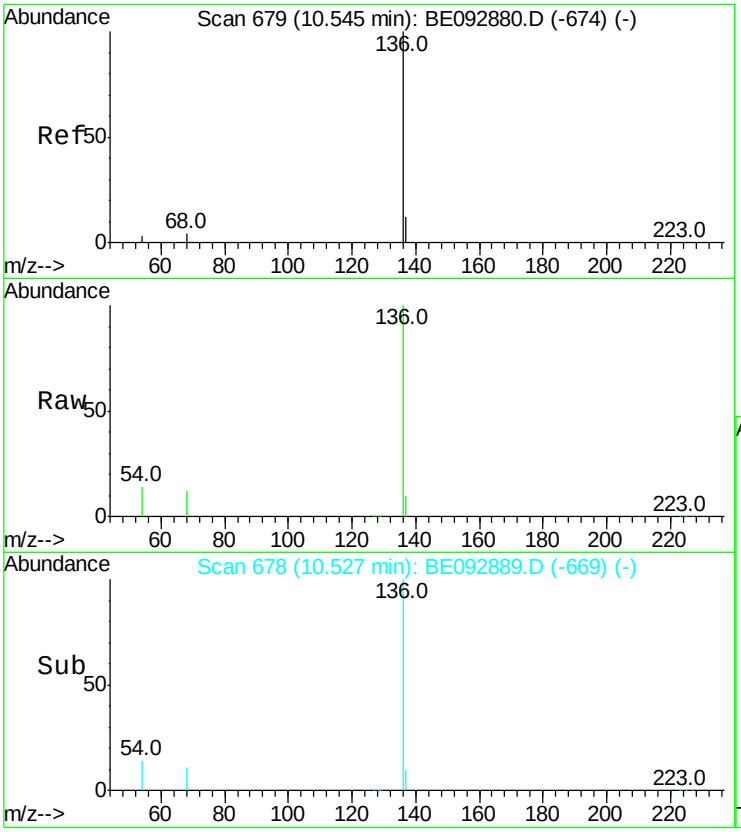


#6
bis(2-Chloroethyl)ether
Concen: 0.40 ng
RT: 7.20 min Scan# 530
Delta R.T. -0.00 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Tgt Ion: 93 Resp: 1115

Ion	Ratio	Lower	Upper
93	100		
63	74.9	16.0	24.0#
95	31.8	24.0	36.0



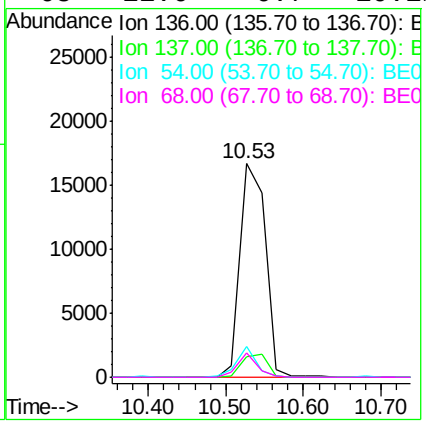


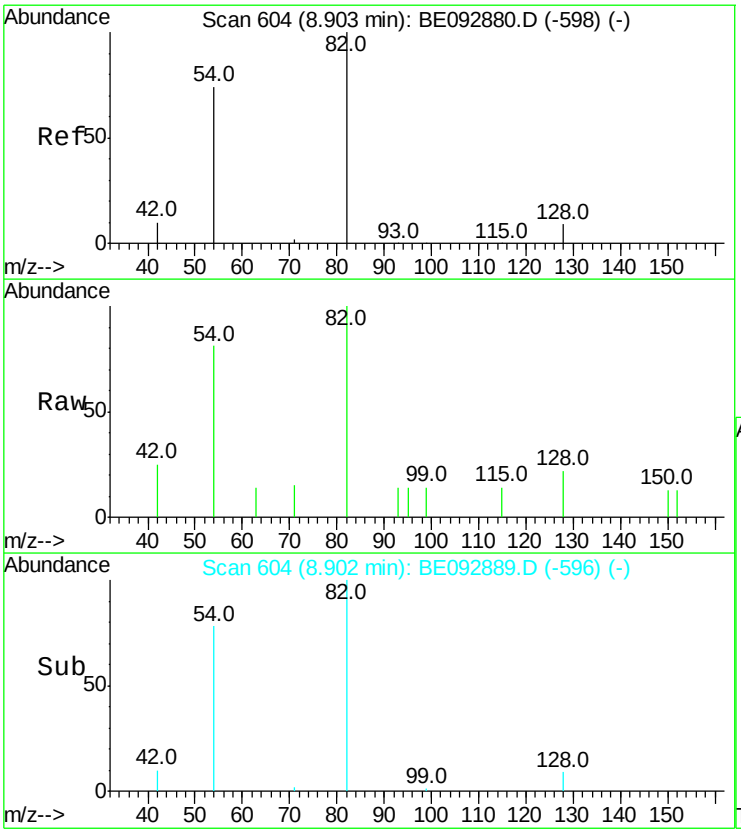
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.53 min Scan# 678
Delta R.T. -0.02 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 37476

Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.2	12.4
54	14.3	9.6	14.4
68	11.6	6.7	10.1#

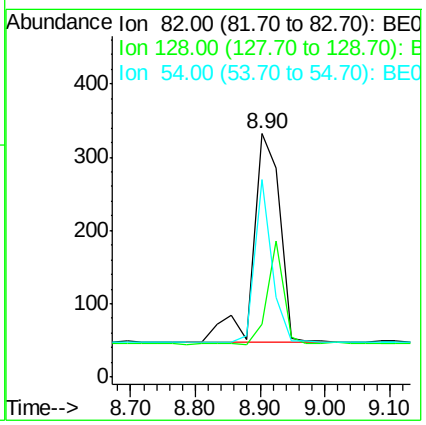


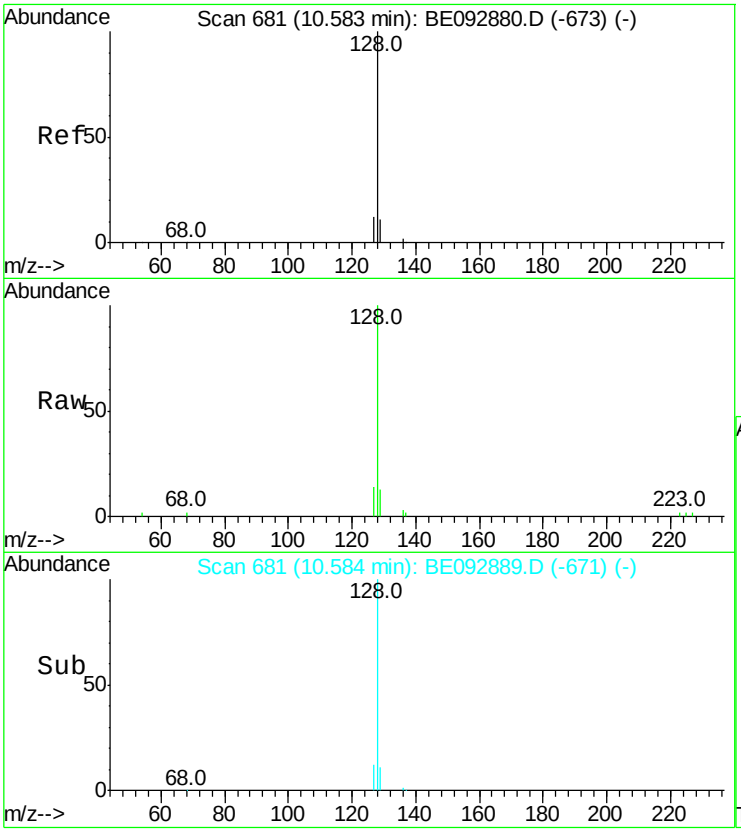


#8
Nitrobenzene-d5
Concen: 0.38 ng
RT: 8.90 min Scan# 604
Delta R.T. -0.02 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Tgt Ion: 82 Resp: 818

Ion	Ratio	Lower	Upper
82	100		
128	21.7	39.0	58.4#
54	81.3	44.8	67.2#



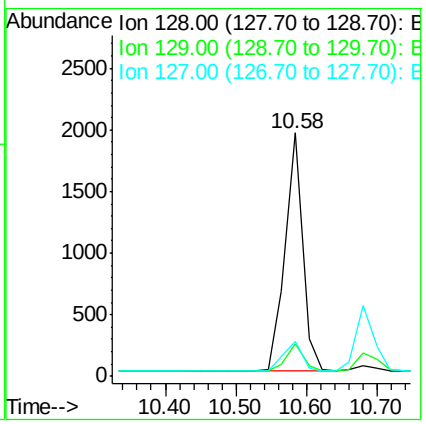


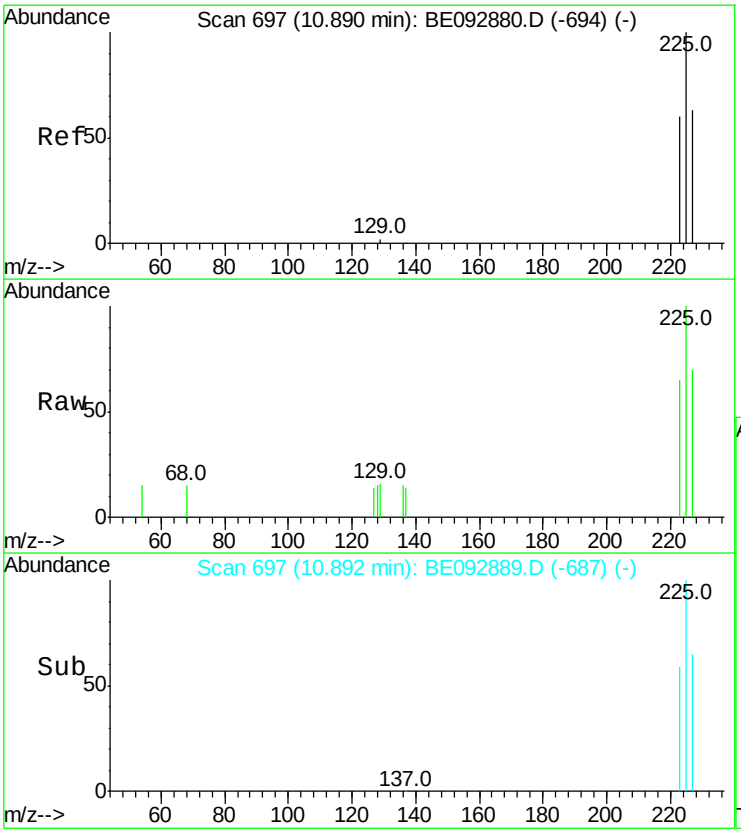
#9
Naphthalene
Concen: 0.40 ng
RT: 10.58 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 3278

Ion	Ratio	Lower	Upper
128	100		
129	13.3	11.2	16.8
127	14.3	11.6	17.4

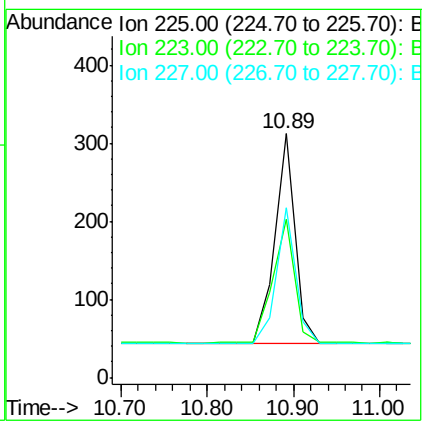


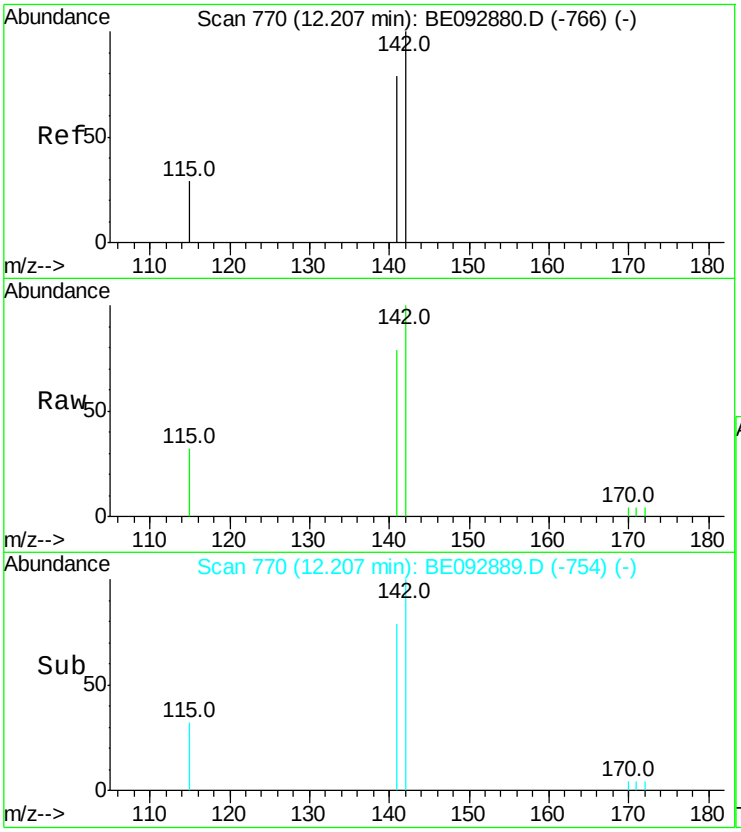


#10
Hexachlorobutadiene
Concen: 0.40 ng
RT: 10.89 min Scan# 697
Delta R.T. 0.00 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Tgt Ion:225 Resp: 443

Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	62.8	51.4	77.0



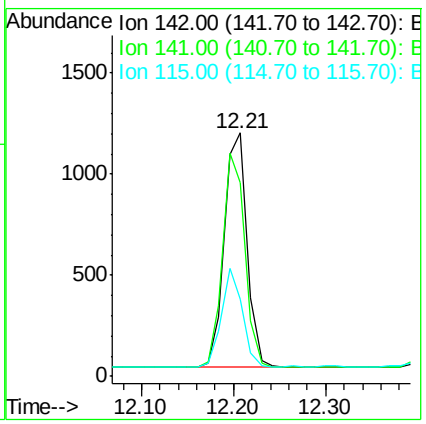


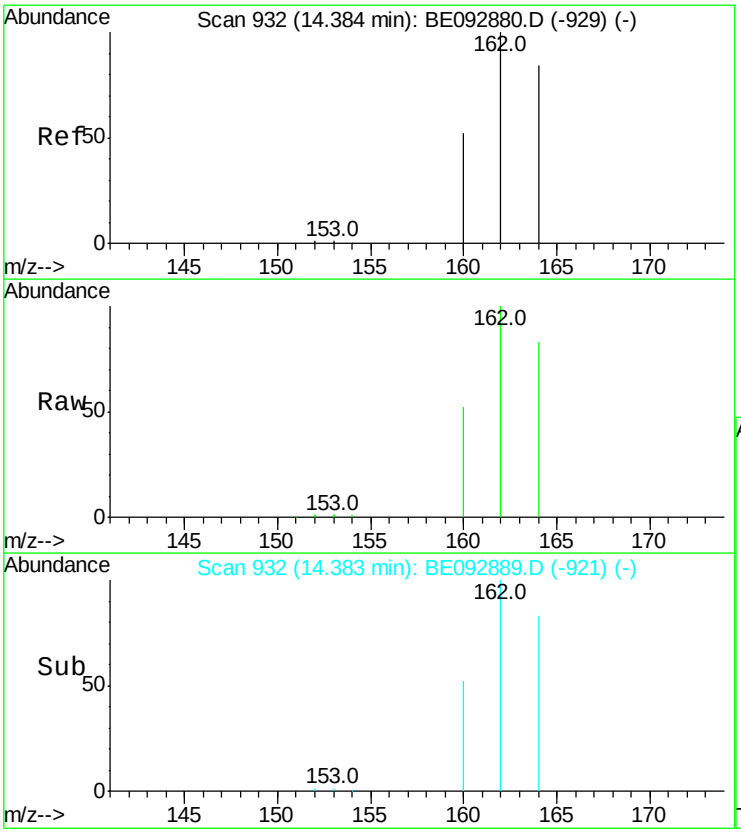
#11
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.21 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:142 Resp: 1991

Ion	Ratio	Lower	Upper
142	100		
141	79.4	73.7	110.5
115	32.0	34.0	51.0#

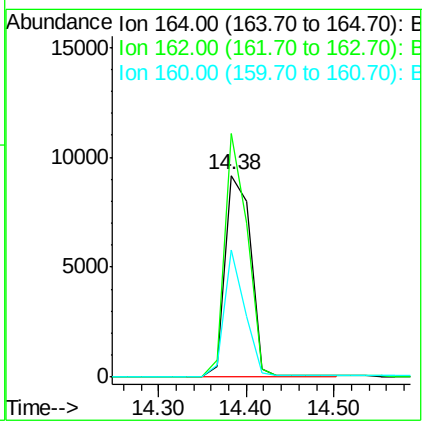


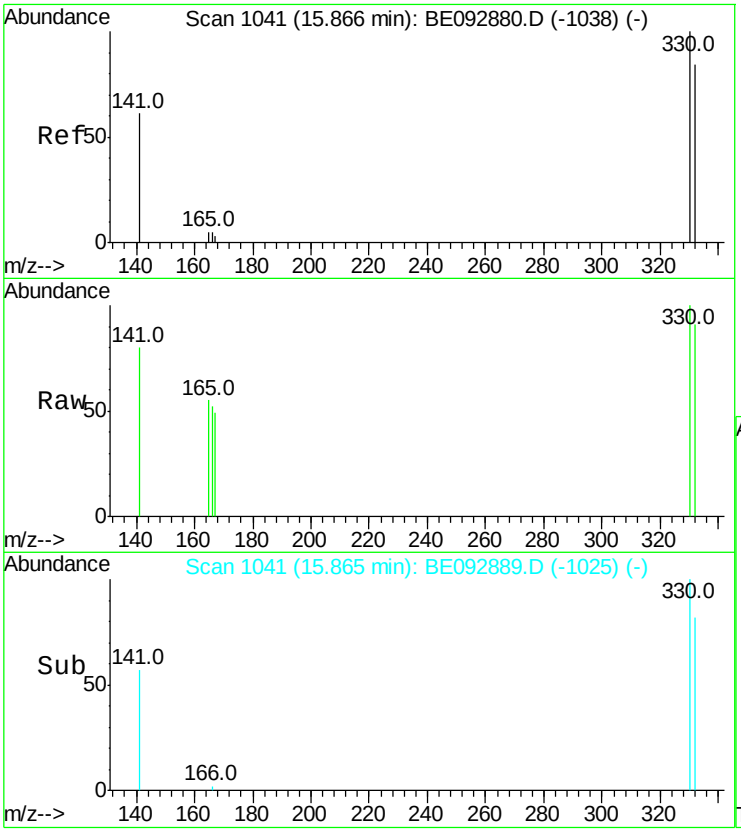


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.38 min Scan# 932
Delta R.T. -0.02 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Tgt Ion:164 Resp: 18321

Ion	Ratio	Lower	Upper
164	100		
162	120.5	71.4	107.0#
160	63.1	27.4	41.2#



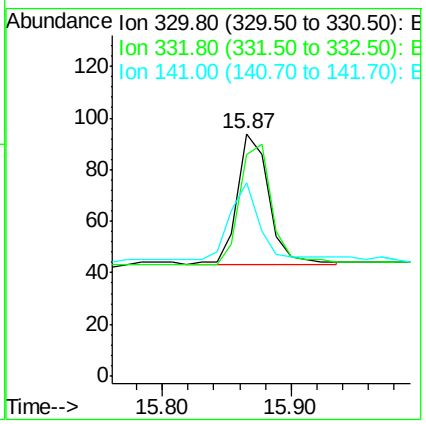


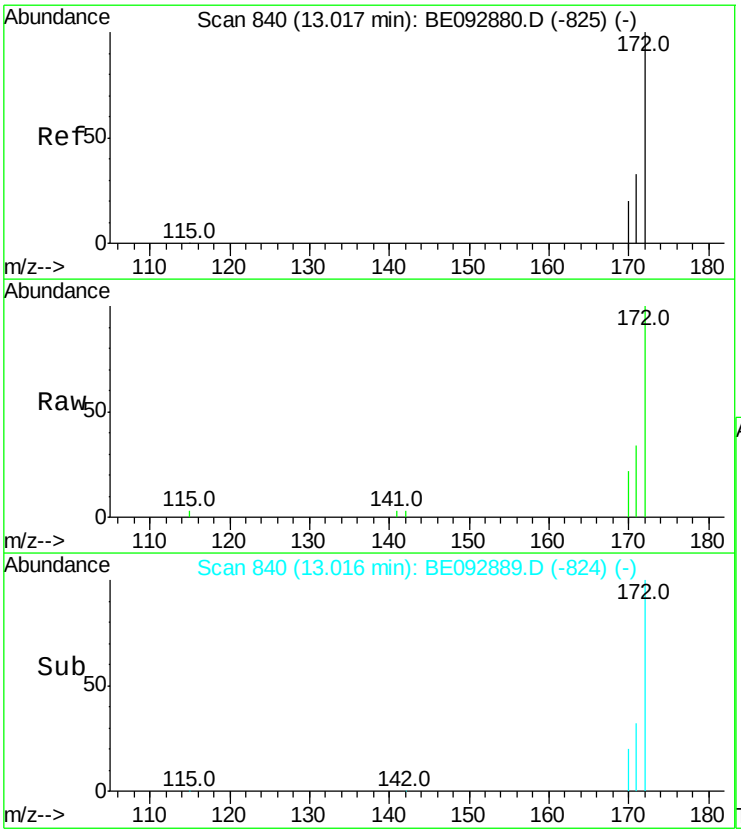
#13
2,4,6-Tribromophenol
Concen: 0.37 ng
RT: 15.87 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:330 Resp: 87

Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.4	113.0
141	56.3	31.0	46.6#

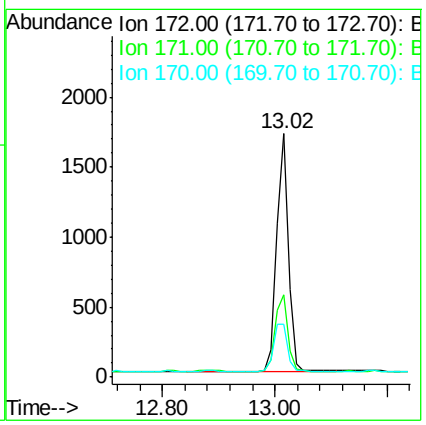


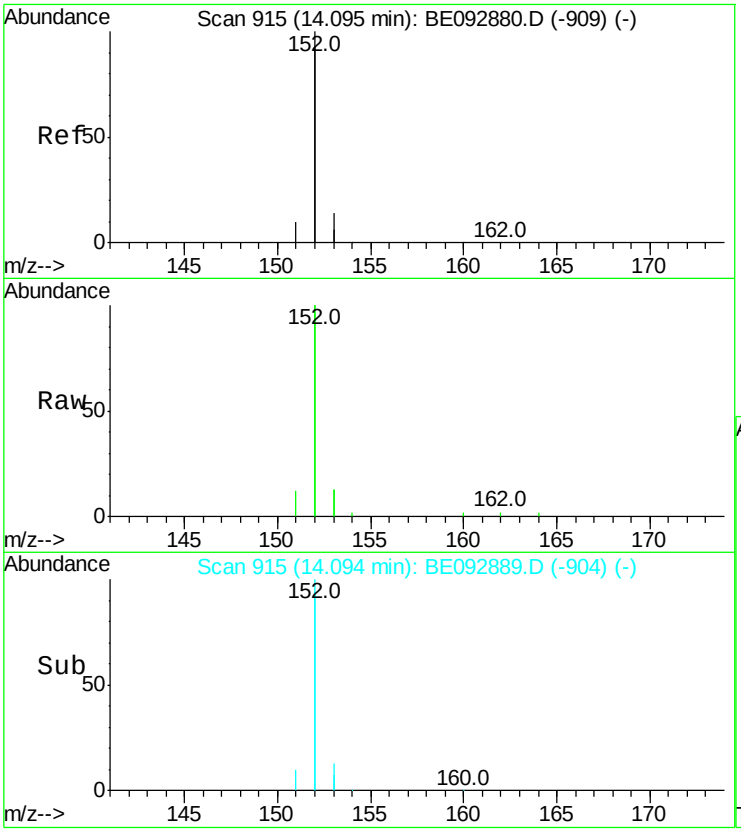


#14
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Tgt Ion:172 Resp: 2460

Ion	Ratio	Lower	Upper
172	100		
171	33.6	30.1	45.1
170	21.6	21.8	32.6#



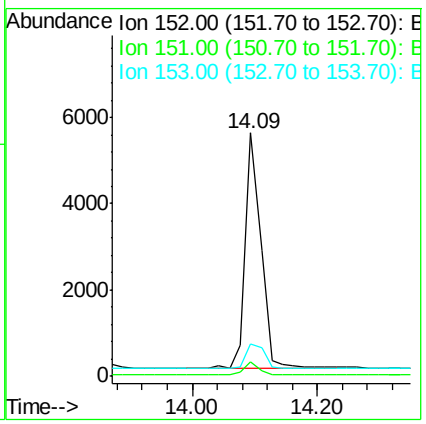


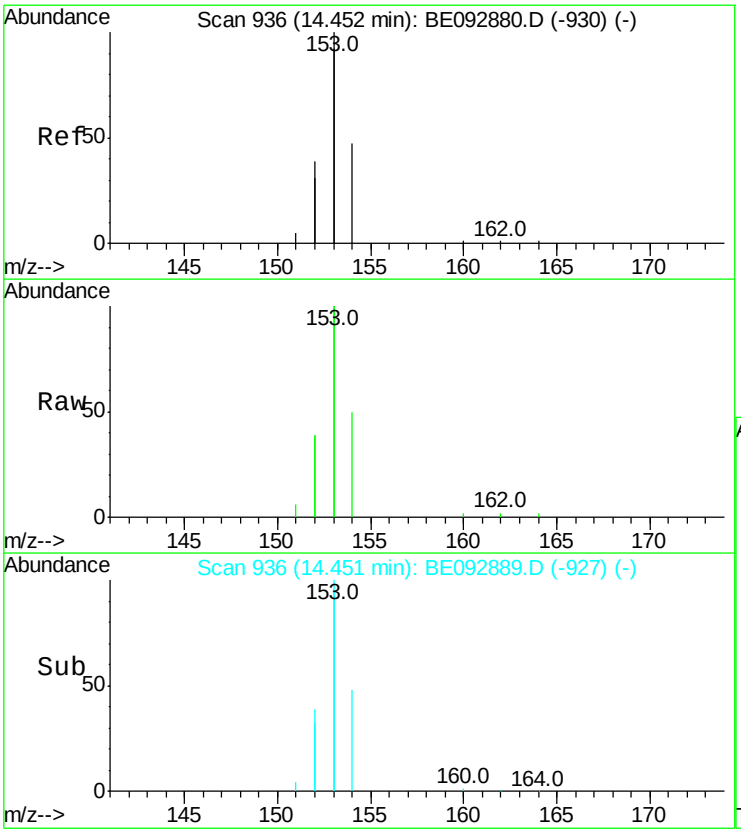
#15
Acenaphthylene
Concen: 0.37 ng
RT: 14.09 min Scan# 915
Delta R.T. -0.02 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 9537

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.9	5.9
153	13.1	10.4	15.6

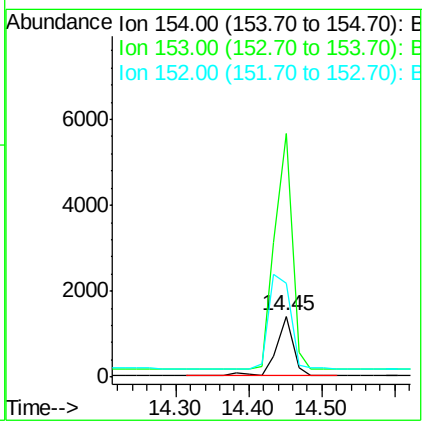


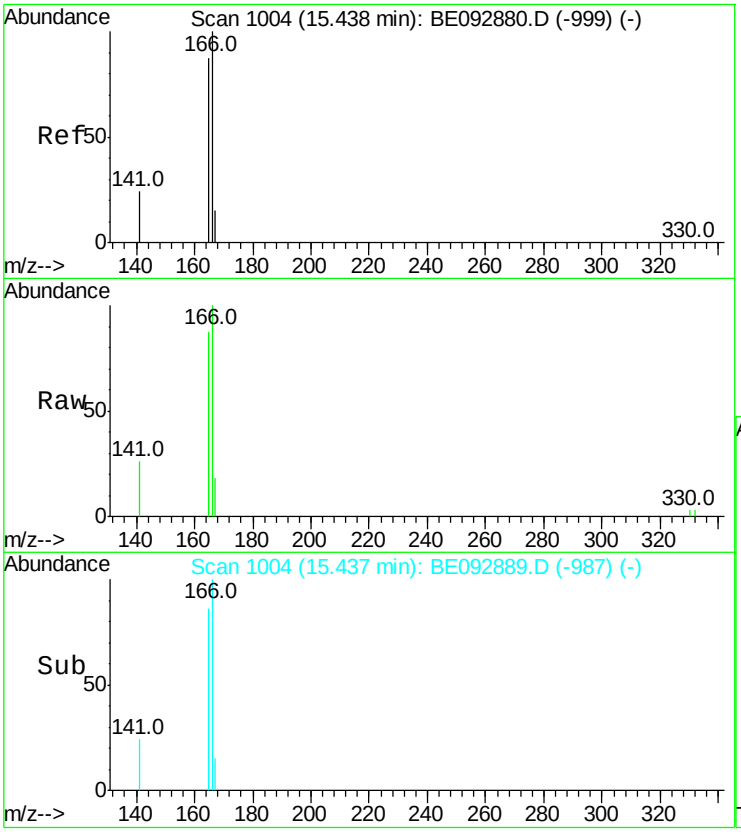


#16
Acenaphthene
Concen: 0.40 ng
RT: 14.45 min Scan# 936
Delta R.T. 0.00 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Tgt Ion:154 Resp: 2110

Ion	Ratio	Lower	Upper
154	100		
153	434.5	350.8	526.2
152	213.4	171.1	256.7



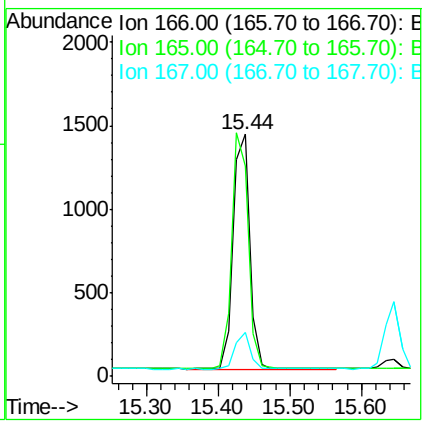


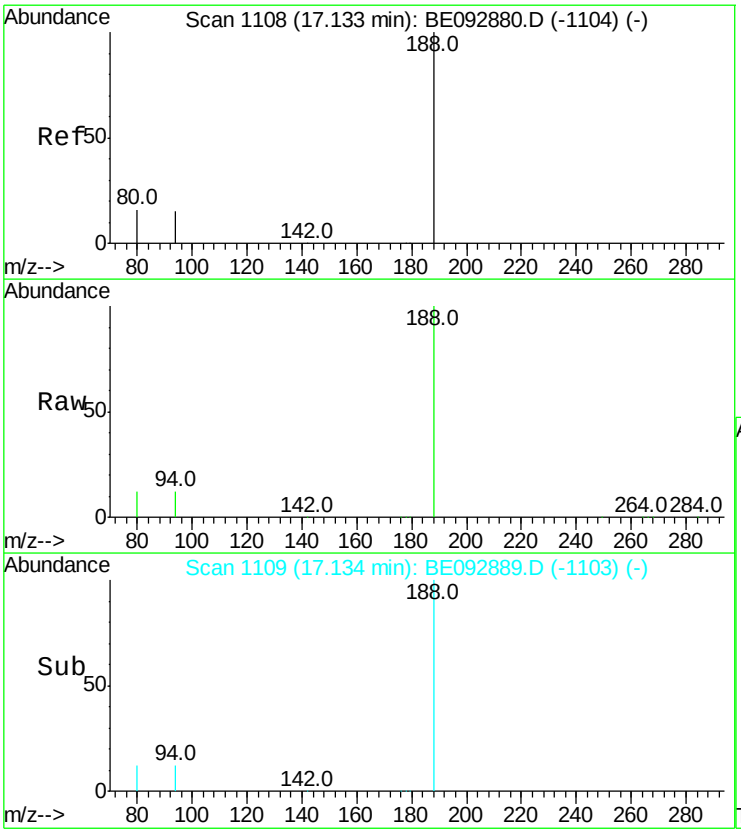
#17
Fluorene
Concen: 0.39 ng
RT: 15.44 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:166 Resp: 2271

Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.2	117.4
167	14.3	11.0	16.4

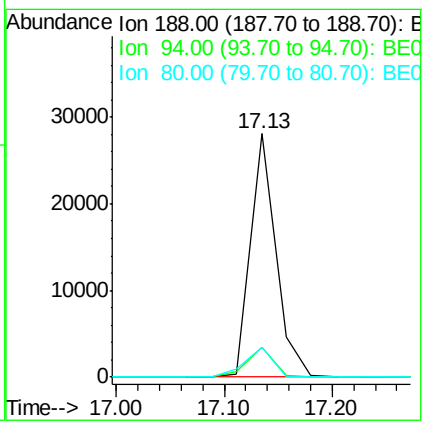


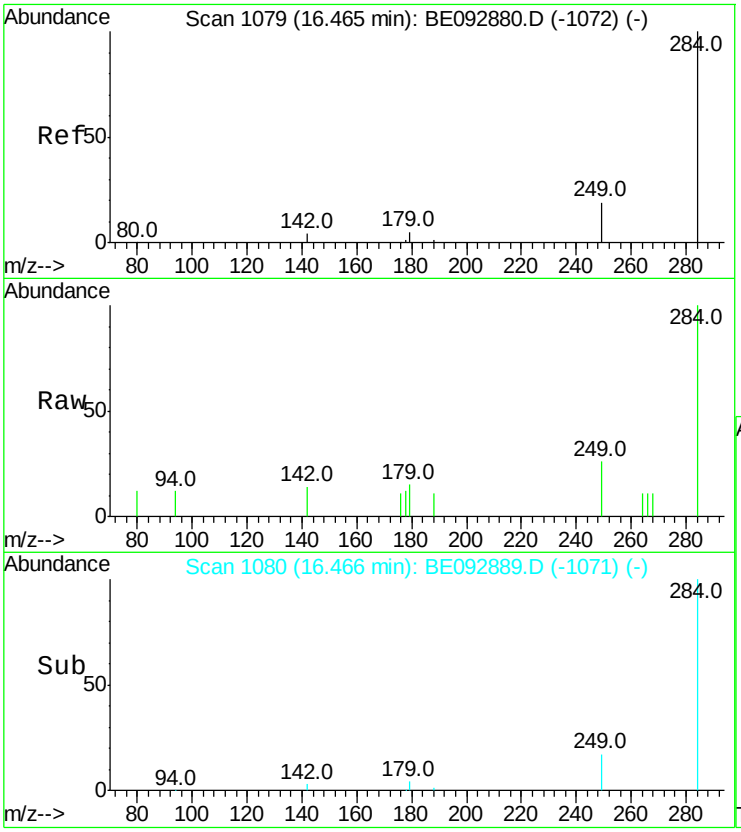


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.13 min Scan# 1109
Delta R.T. -0.02 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Tgt Ion:188 Resp: 45967

Ion	Ratio	Lower	Upper
188	100		
94	12.2	3.2	4.8#
80	12.4	2.6	3.8#



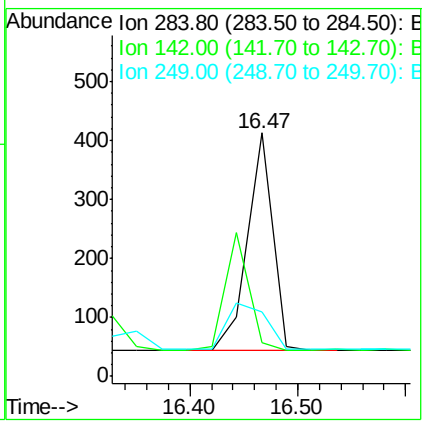


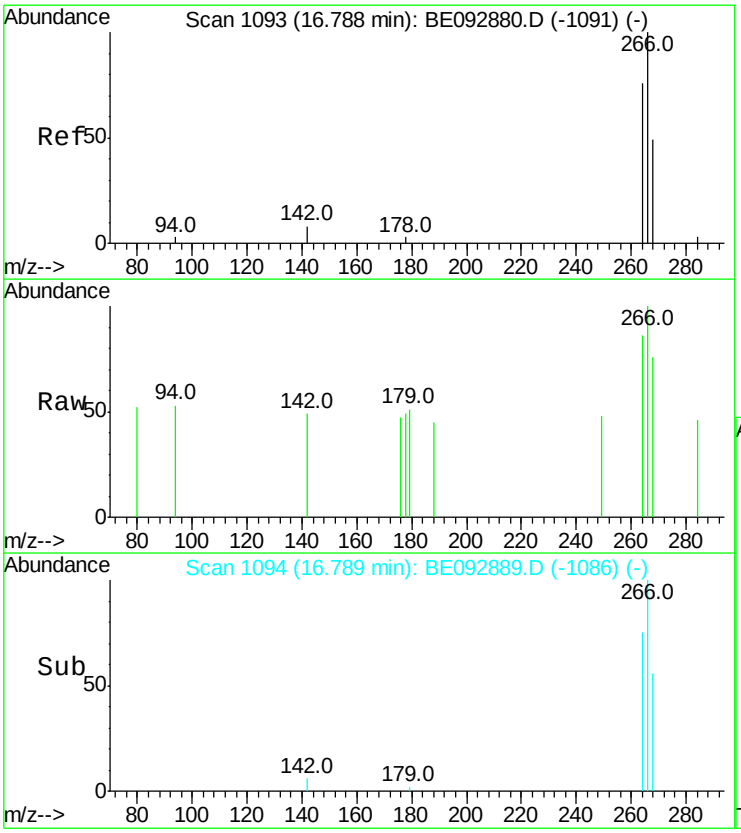
#19
Hexachlorobenzene
Concen: 0.35 ng
RT: 16.47 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 603

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

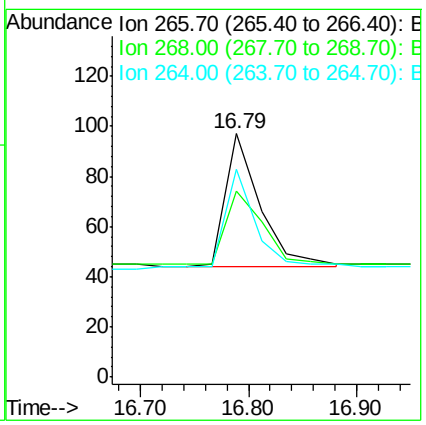


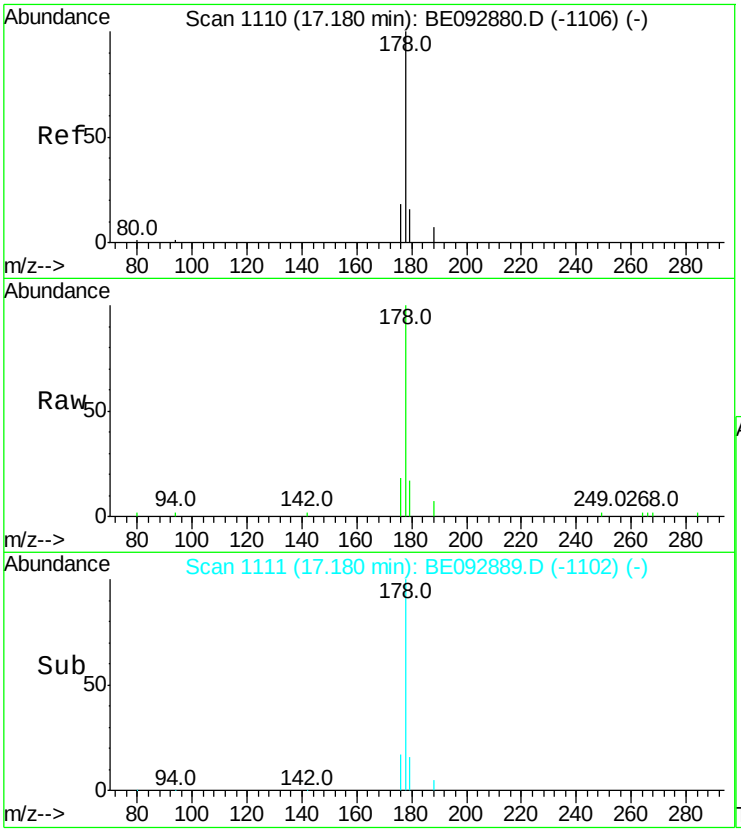


#20
Pentachlorophenol
Concen: 0.41 ng
RT: 16.79 min Scan# 1094
Delta R.T. -0.02 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Tgt Ion:266 Resp: 117

Ion	Ratio	Lower	Upper
266	100		
268	76.3	62.5	93.7
264	85.6	57.2	85.8



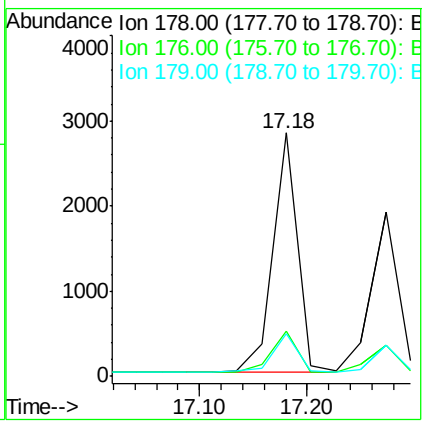


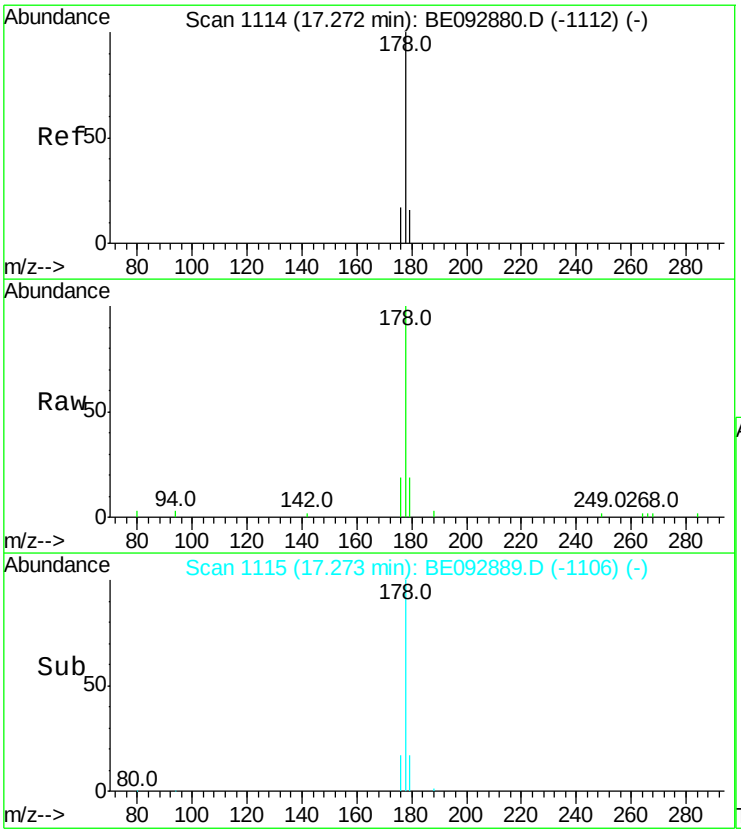
#21
Phenanthrene
Concen: 0.36 ng
RT: 17.18 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 4477

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	16.2	16.0	24.0

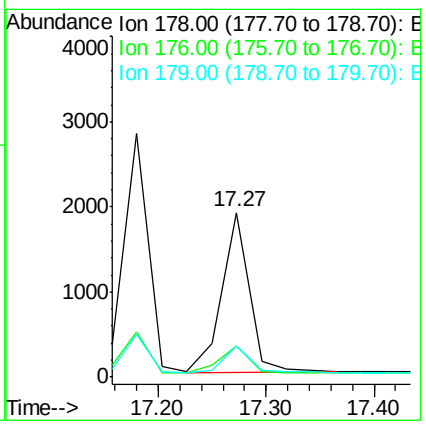


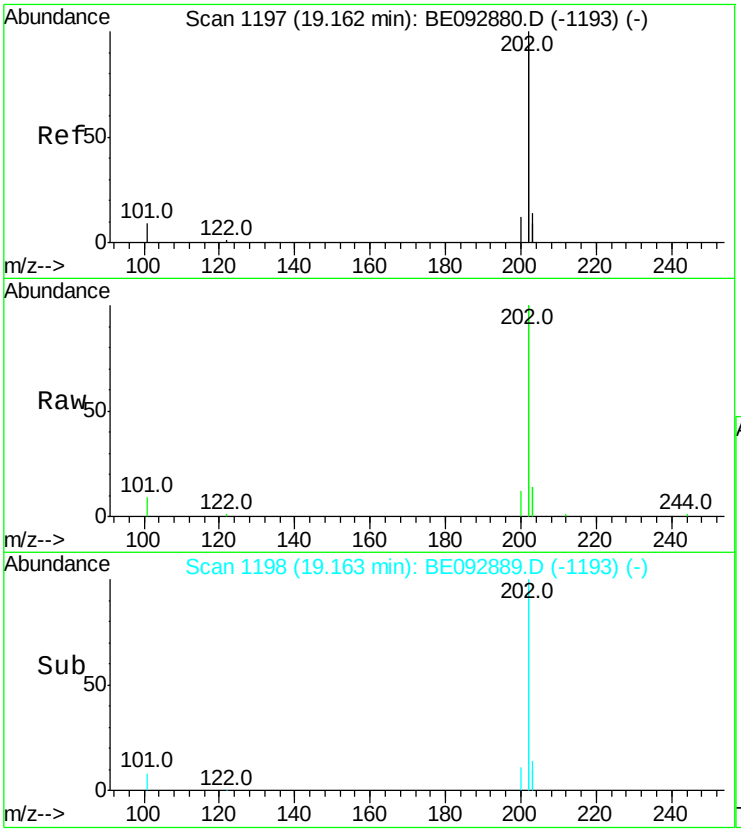


#22
Anthracene
Concen: 0.33 ng
RT: 17.27 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Tgt Ion:178 Resp: 3309

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.0	22.4
179	16.1	12.2	18.2



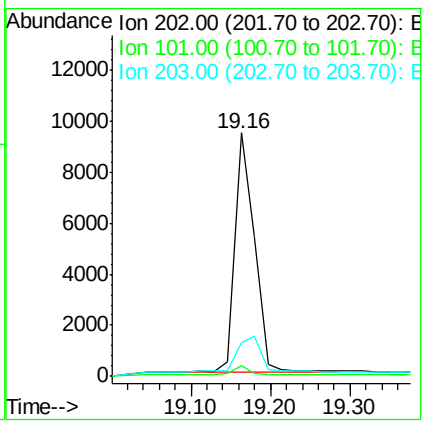


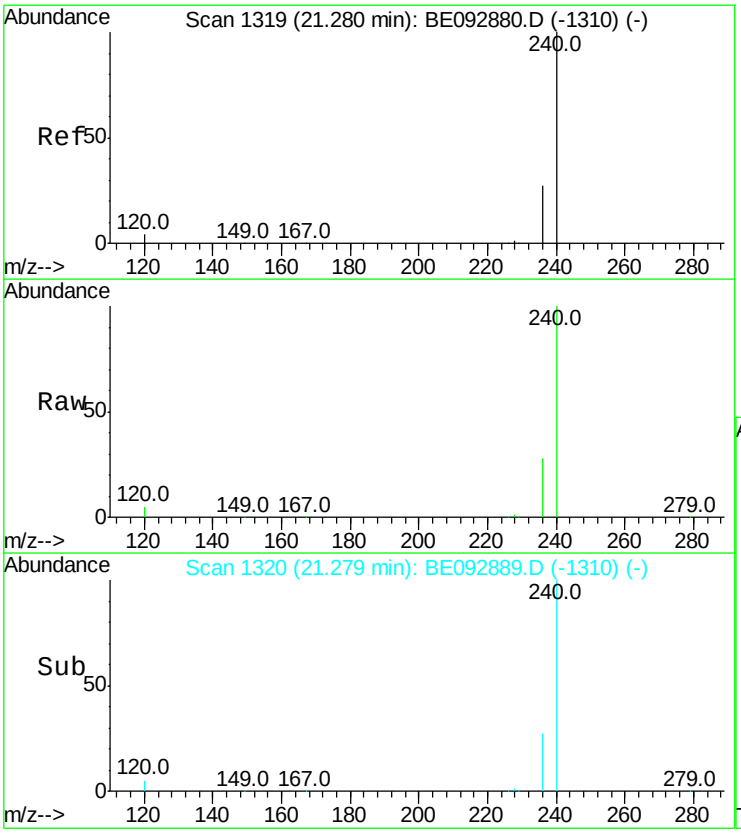
#23
Fluoranthene
Concen: 0.36 ng
RT: 19.16 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 15952

Ion	Ratio	Lower	Upper
202	100		
101	3.2	2.2	3.4
203	17.1	13.7	20.5

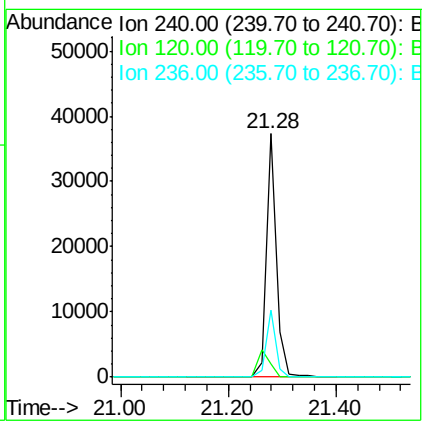


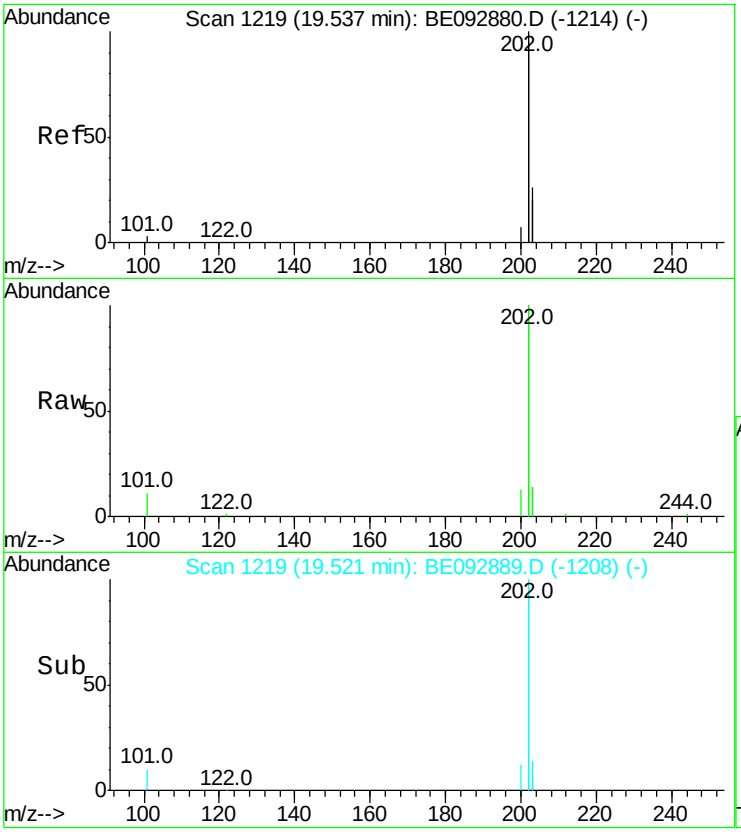


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Tgt Ion:240 Resp: 49258

Ion	Ratio	Lower	Upper
240	100		
120	5.5	2.6	4.0#
236	27.6	24.6	37.0



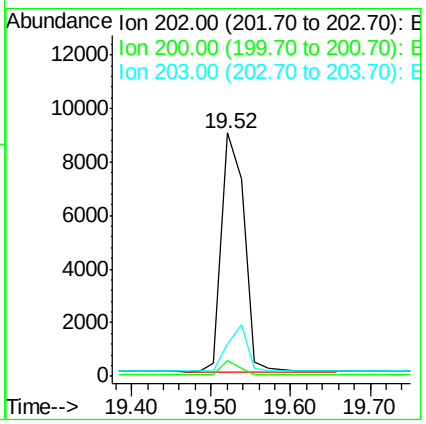


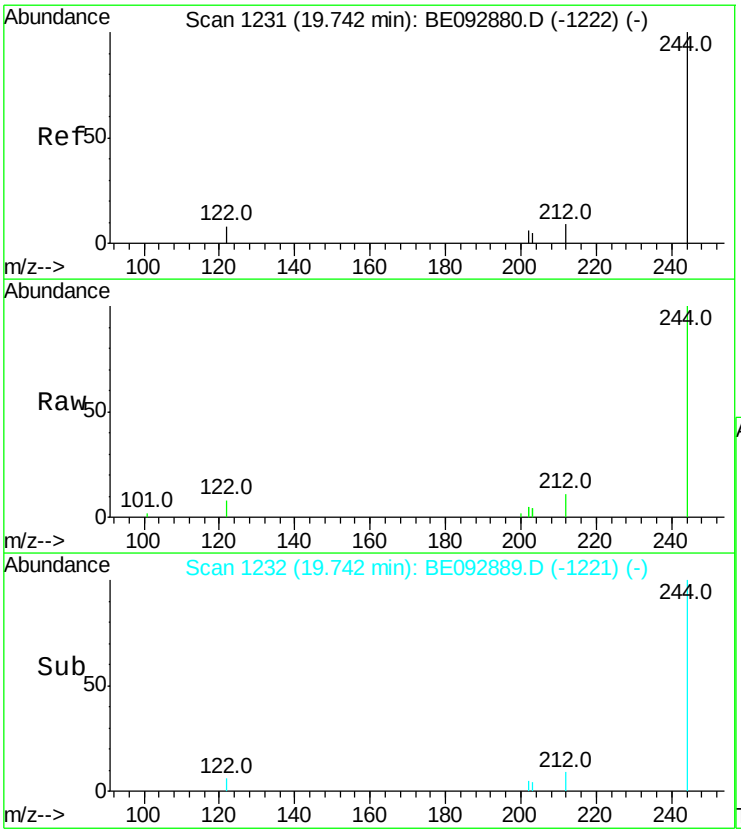
#25
Pyrene
Concen: 0.40 ng
RT: 19.52 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 17419

Ion	Ratio	Lower	Upper
202	100		
200	5.0	4.2	6.4
203	17.5	13.9	20.9

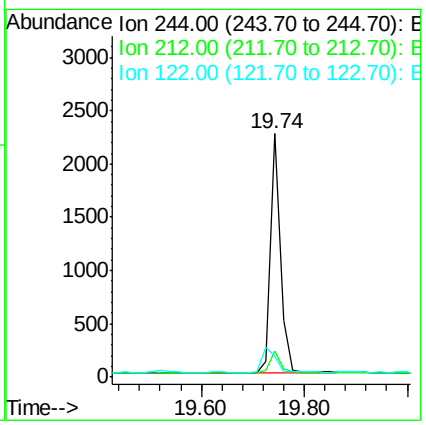


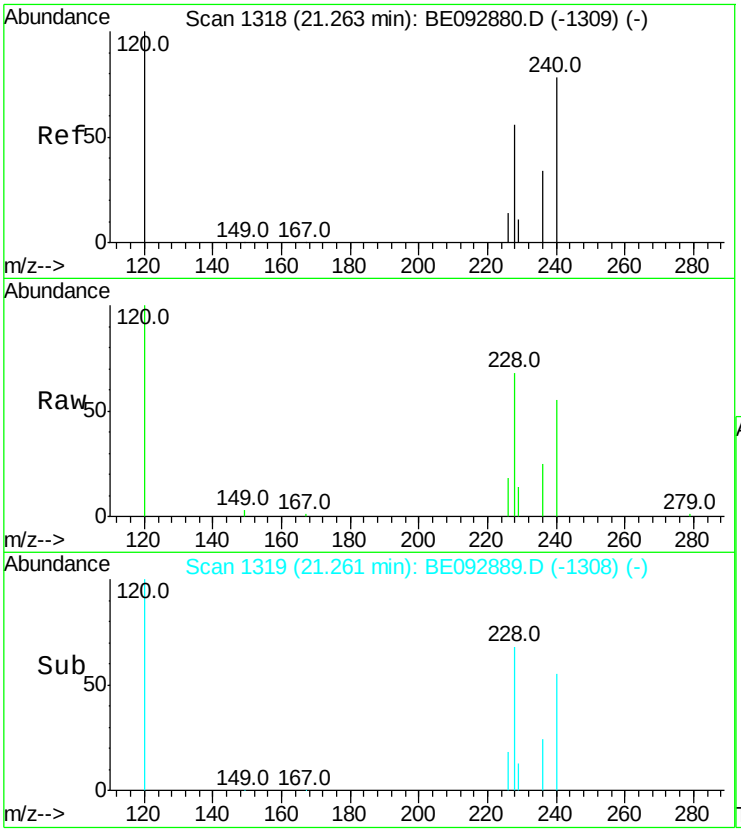


#26
Terphenyl-d14
Concen: 0.39 ng
RT: 19.74 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Tgt Ion:244 Resp: 2965

Ion	Ratio	Lower	Upper
244	100		
212	10.8	6.7	10.1#
122	8.3	3.6	5.4#



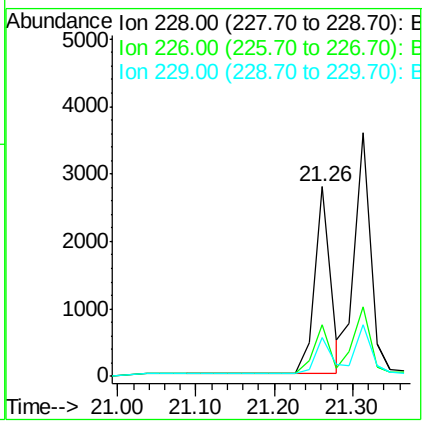


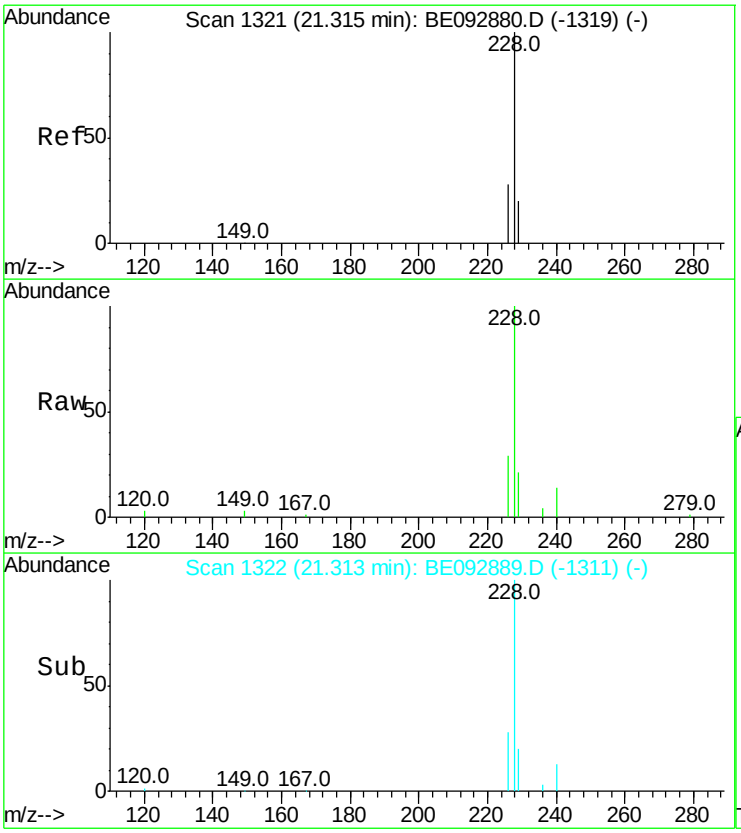
#27
Benzo(a)anthracene
Concen: 0.36 ng
RT: 21.26 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 3851

Ion	Ratio	Lower	Upper
228	100		
226	27.0	23.6	35.4
229	20.5	13.3	19.9#

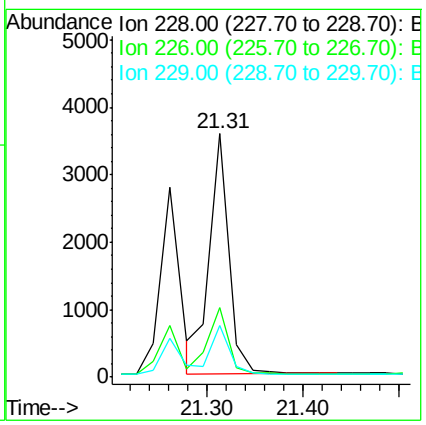


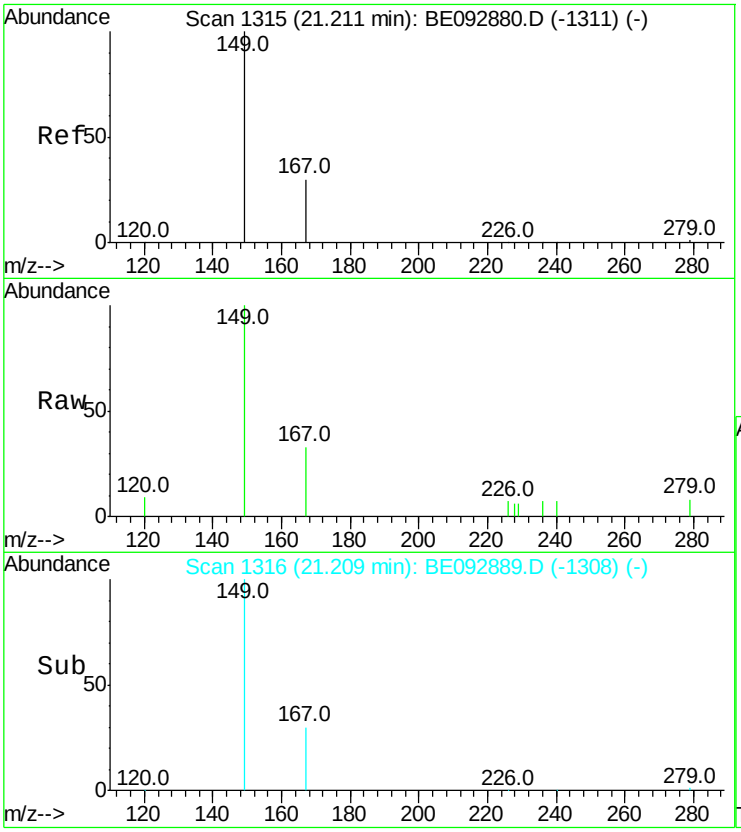


#28
Chrysene
Concen: 0.41 ng
RT: 21.31 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Tgt Ion:228 Resp: 5003

Ion	Ratio	Lower	Upper
228	100		
226	28.7	36.3	54.5#
229	21.2	10.6	16.0#



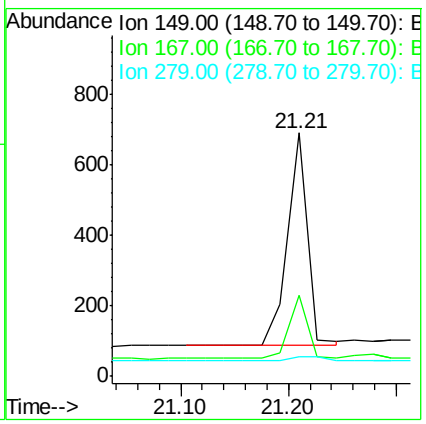


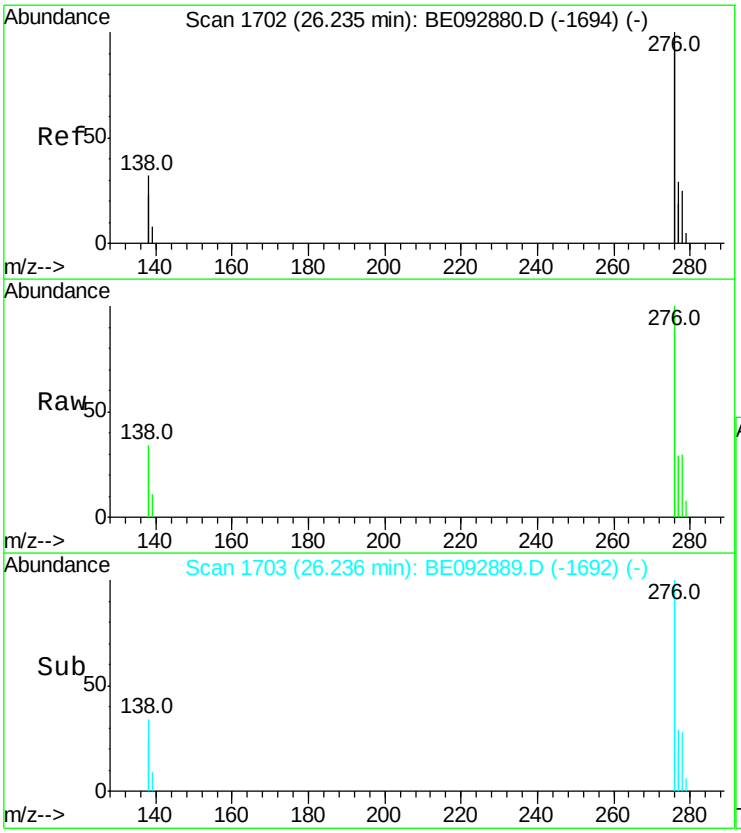
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.38 ng
RT: 21.21 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:149 Resp: 781

Ion	Ratio	Lower	Upper
149	100		
167	27.3	16.0	24.0#
279	2.8	16.0	24.0#

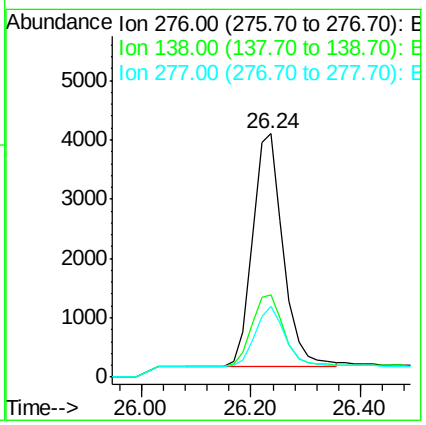


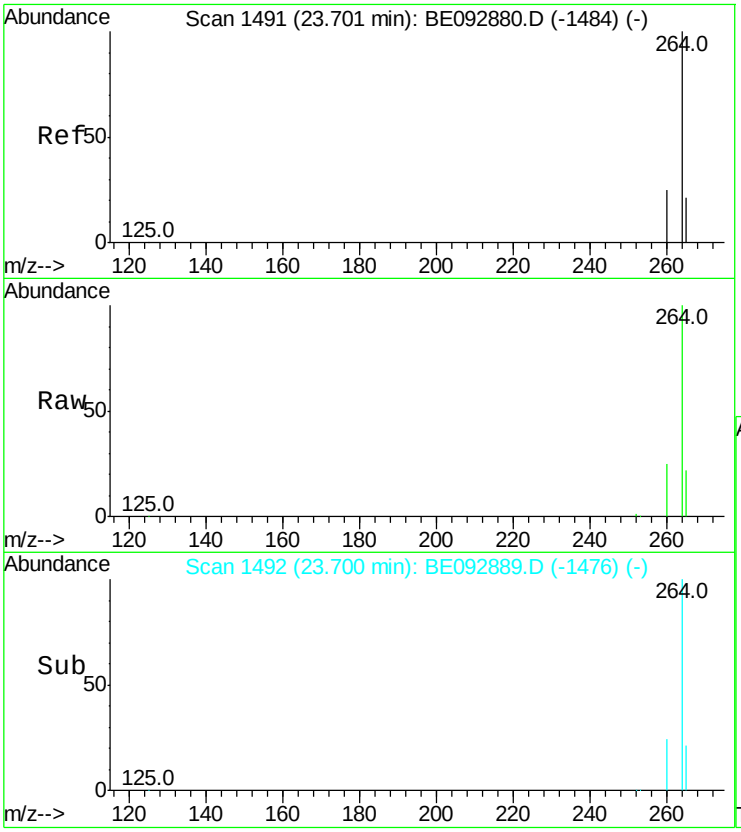


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.37 ng
RT: 26.24 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Tgt Ion:276 Resp: 15239

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



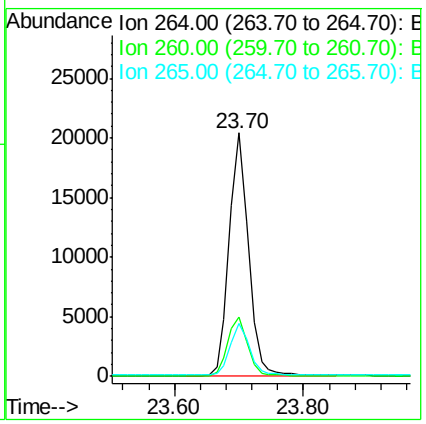


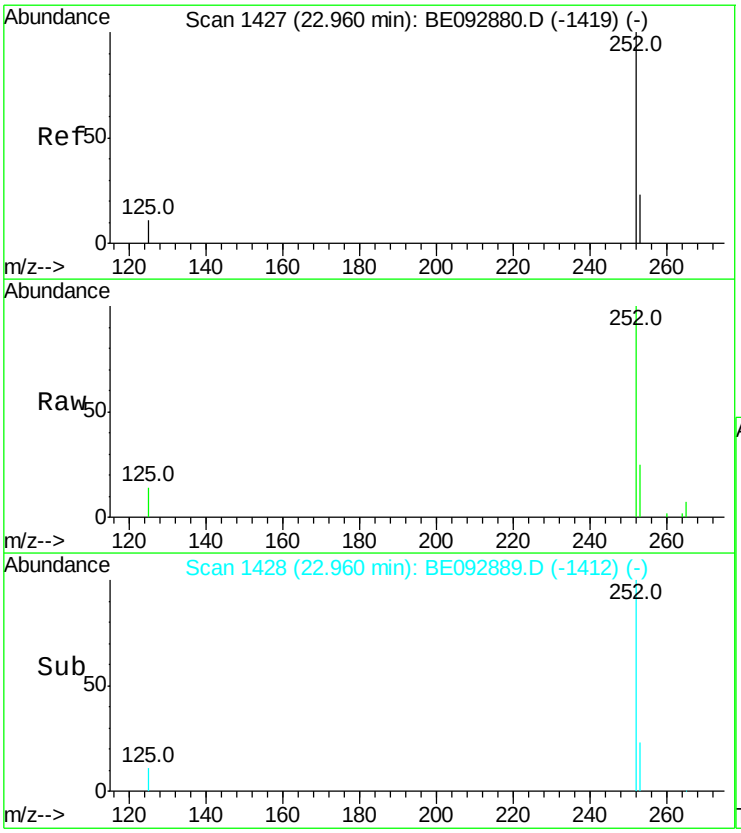
#31
Perylene-d12
Concen: 5.00 ng
RT: 23.70 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:264 Resp: 42033

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.1	30.1
265	21.8	17.9	26.9

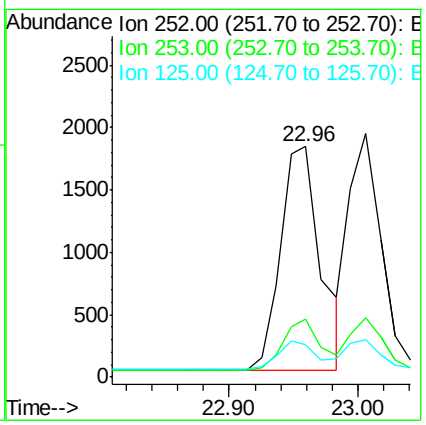


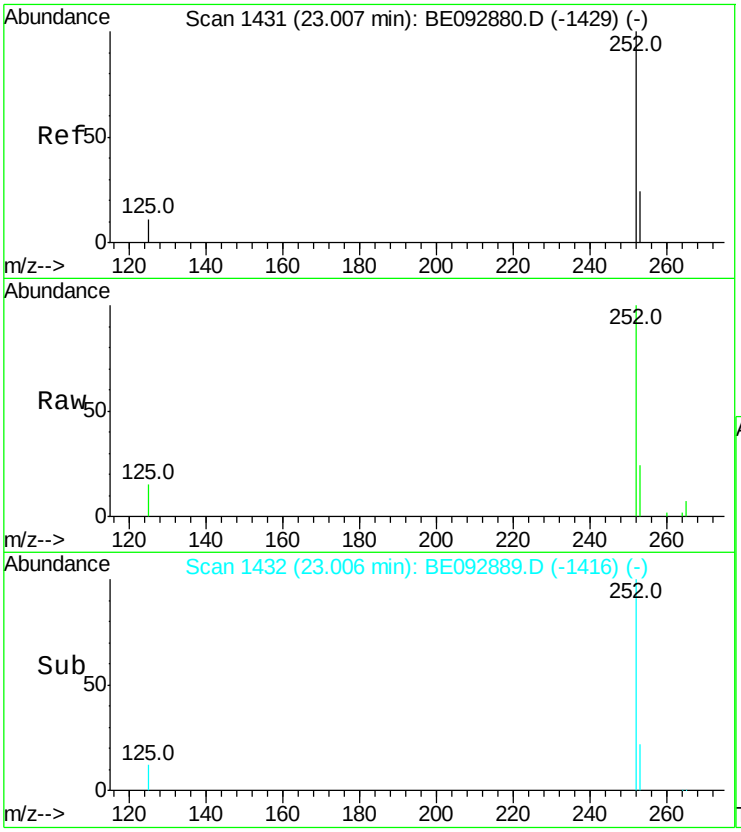


#32
Benzo(b)fluoranthene
Concen: 0.38 ng
RT: 22.96 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Tgt Ion:252 Resp: 3904

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.7	28.1
125	13.9	10.5	15.7



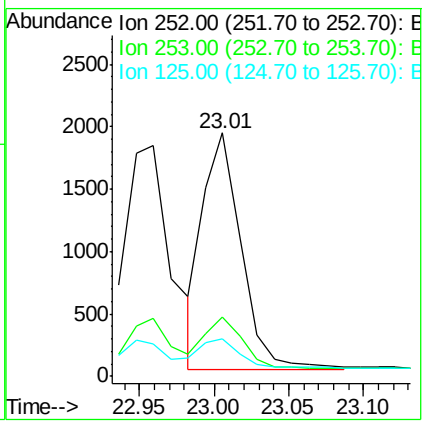


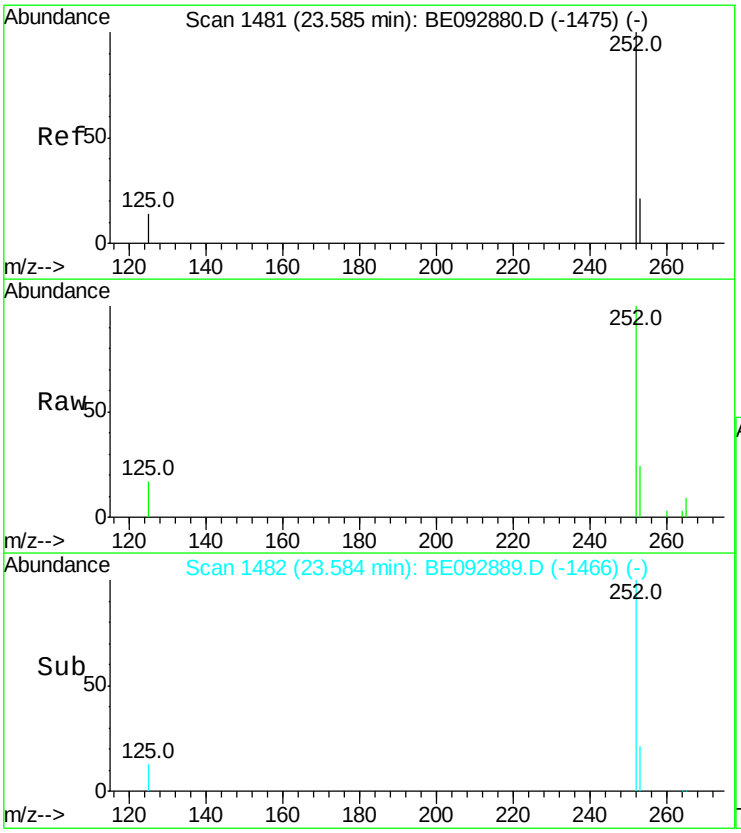
#33
Benzo(k)fluoranthene
Concen: 0.36 ng m
RT: 23.01 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 3407

Ion	Ratio	Lower	Upper
252	100		
253	24.3	20.3	30.5
125	15.2	9.6	14.4#

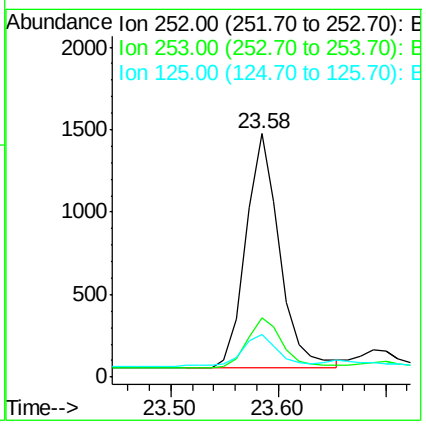


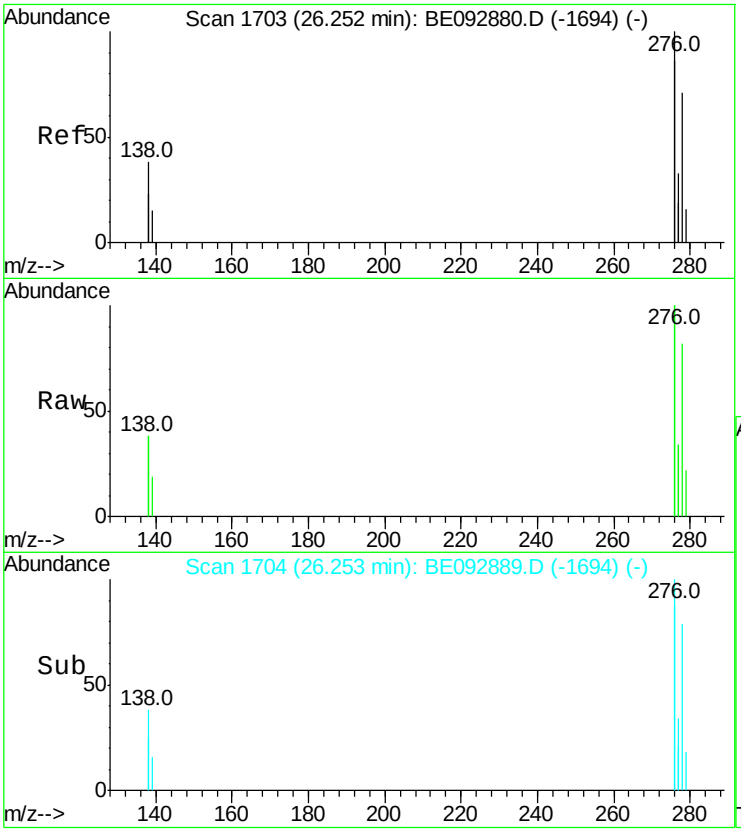


#34
Benzo(a)pyrene
Concen: 0.38 ng
RT: 23.58 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Tgt Ion:252 Resp: 3083

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.0	28.6
125	17.3	11.8	17.8



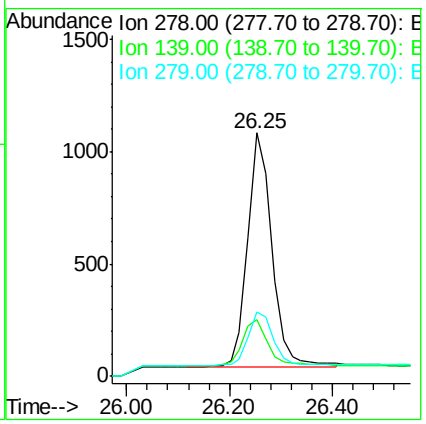


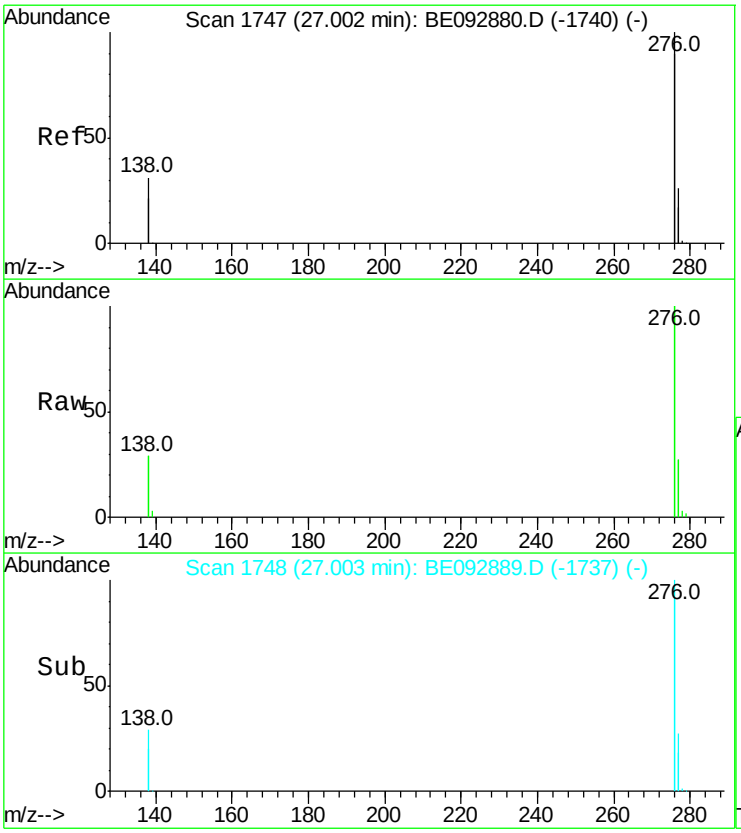
#35
Dibenzo(a,h)anthracene
Concen: 0.36 ng
RT: 26.25 min Scan# 1704
Delta R.T. -0.03 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:278 Resp: 3360

Ion	Ratio	Lower	Upper
278	100		
139	23.5	13.8	20.8#
279	26.6	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.36 ng
RT: 27.00 min Scan# 1748
Delta R.T. -0.02 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Tgt Ion:276 Resp: 13563

Ion	Ratio	Lower	Upper
276	100		
277	26.9	19.8	29.8
138	28.7	19.8	29.6