Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE031816\
Data File : BE091472.D
Acq On : 17 Mar 2016 18:30
Operator : UM/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: Mar 18 02:41:08 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 02:38:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	59629	5.00	ng		0.00
6) Naphthalene-d8	10.61	136	273725	5.00	ng		0.00
10) Acenaphthene-d10	14.44	164	163389	5.00	ng		0.00
16) Phenanthrene-d10	17.18	188	412741	5.00	ng		0.00
22) Chrysene-d12	21.34	240	565647	5.00	ng		0.00
28) Perylene-d12	23.81	264	501363	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.43	112	10264	0.95	ng		0.00
5) Phenol-d6	6.99	99	13005	1.02	ng		0.00
7) Nitrobenzene-d5	8.98	82	8740	0.75	ng		0.00
11) 2,4,6-Tribromophenol	15.93	330	4082	0.94	ng		0.00
12) 2-Fluorobiphenyl	13.07	172	31811	0.70	ng		0.00
24) Terphenyl-d14	19.80	244	52170	0.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	5347	0.79	ng		95
3) n-Nitrosodimethylamine	3.68	42	7751	1.52	ng		99
8) Naphthalene	10.65	128	51322	0.70	ng		99
9) 2-Methylnaphthalene	12.27	142	32868	0.71	ng		99
13) Acenaphthylene	14.16	152	49119	0.61	ng		97
14) Acenaphthene	14.50	154	38636	0.66	ng		98
15) Fluorene	15.49	166	48874	0.73	ng		99
17) Hexachlorobenzene	16.48	284	13599	0.52	ng		97
18) Pentachlorophenol	16.83	266	4672	1.83	ng		98
19) Phenanthrene	17.22	178	89237	0.69	ng		99
20) Anthracene	17.31	178	75238	0.66	ng		100
21) Fluoranthene	19.22	202	98200	0.71	ng		100
23) Pyrene	19.59	202	104626	0.50	ng		99
25) Benzo(a)anthracene	21.31	228	228284	1.22	ng		99
26) Chrysene	21.31	228	230742	1.16	ng	#	86
27) Indeno(1,2,3-cd)pyrene	26.40	276	121936	0.77	ng		100
29) Benzo(b)fluoranthene	23.04	252	117965	0.65	ng		98
30) Benzo(k)fluoranthene	23.09	252	118478	0.66	ng		95
31) Benzo(a)pyrene	23.69	252	102019	0.66	ng		97
32) Dibenzo(a,h)anthracene	26.42	278	101188	0.78	ng		99
33) Benzo(g,h,i)perylene	27.18	276	107029	0.73	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE031816\
Data File : BE091472.D
Acq On : 17 Mar 2016 18:30
Operator : UM/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
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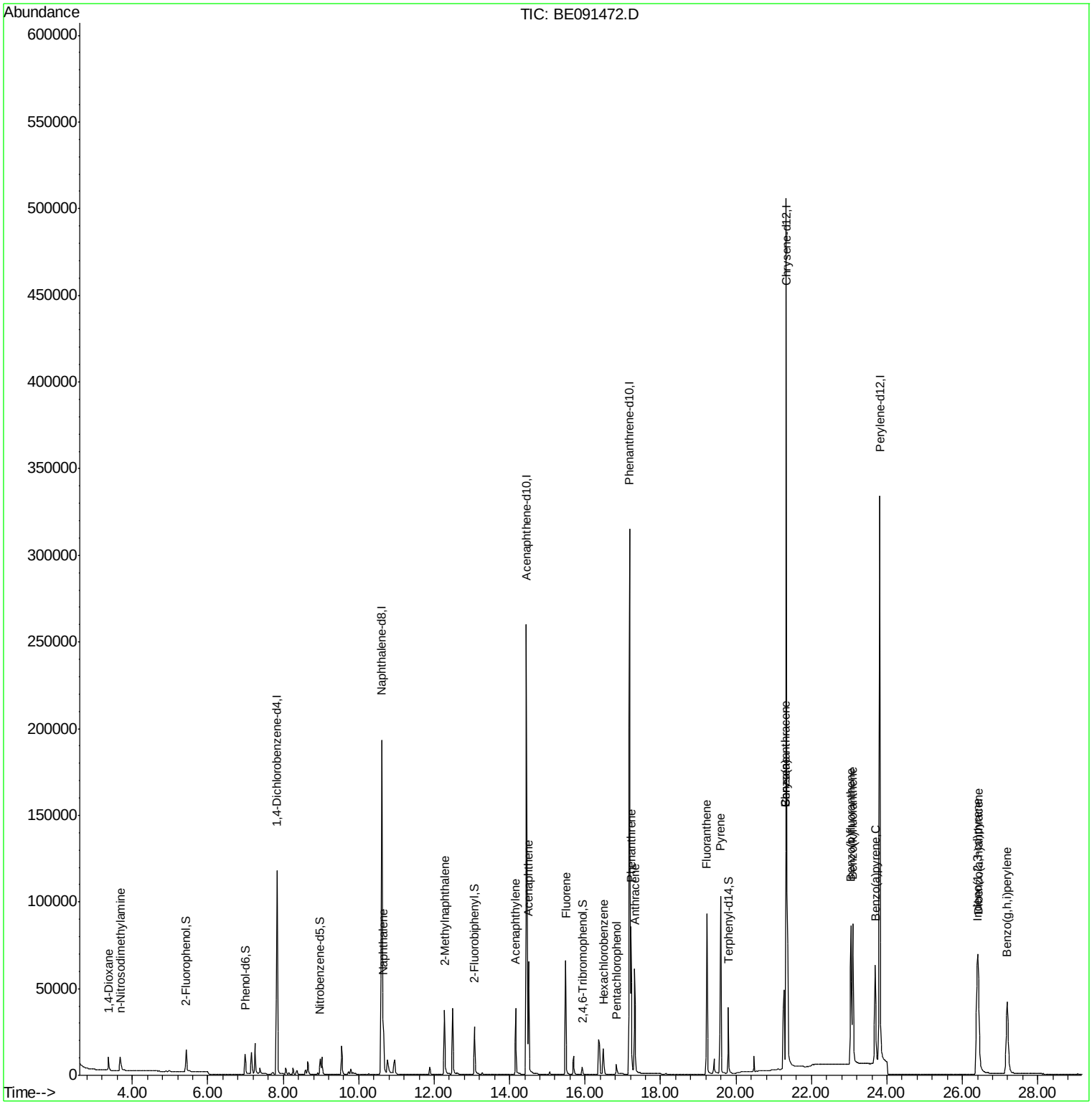
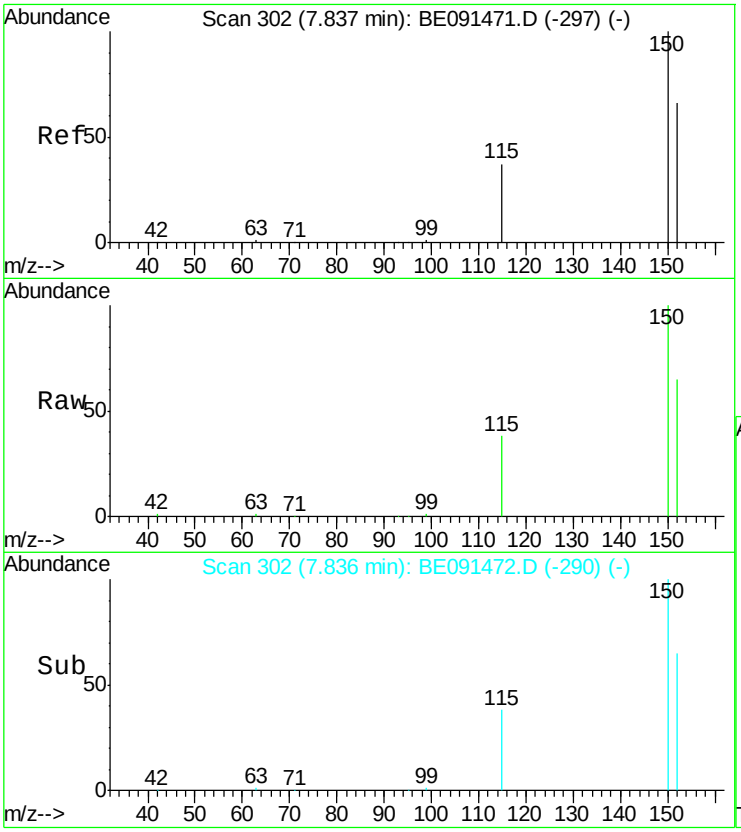
SSTDICC0.8

Quant Time: Mar 18 02:41:08 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 02:38:58 2016
Response via : Initial Calibration



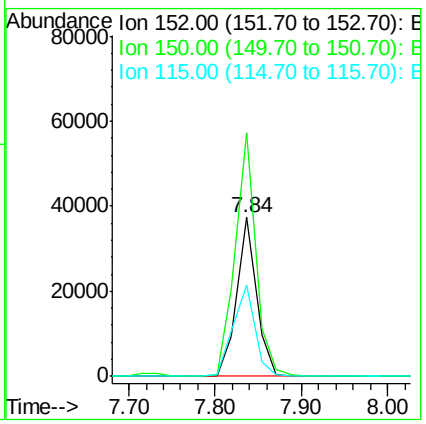


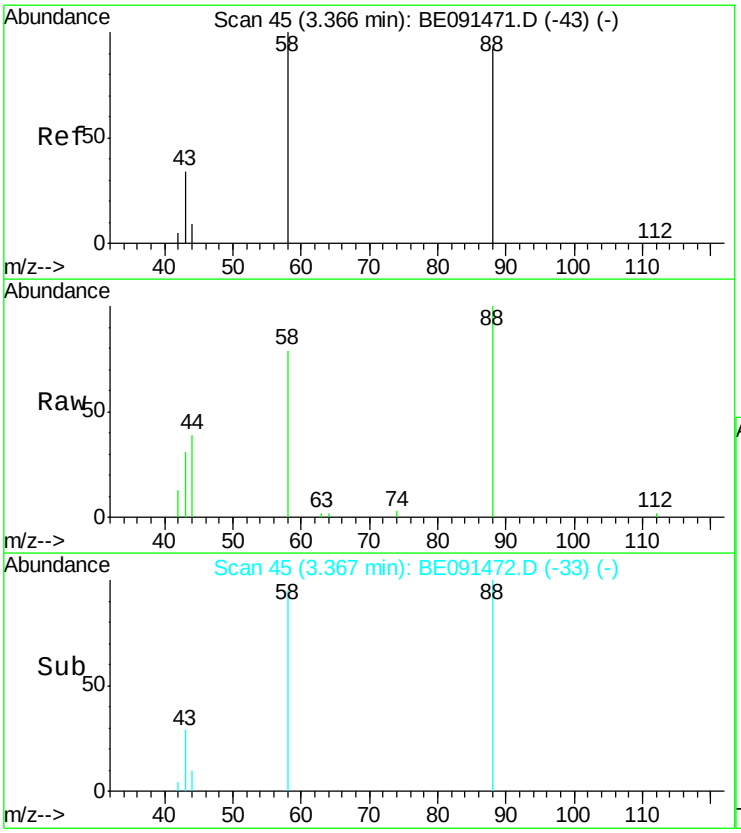
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.84 min Scan# 302
Delta R.T. -0.00 min
Lab File: BE091472.D
Acq: 17 Mar 2016 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 59629

Ion	Ratio	Lower	Upper
152	100		
150	153.2	122.2	183.2
115	57.8	45.9	68.9

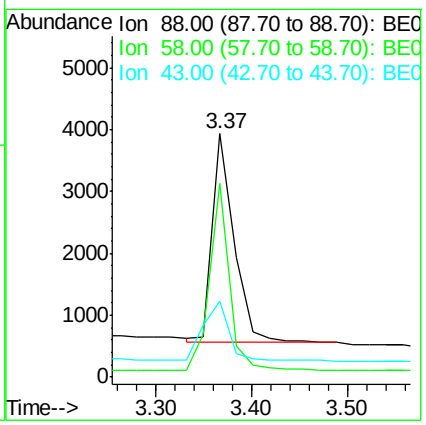


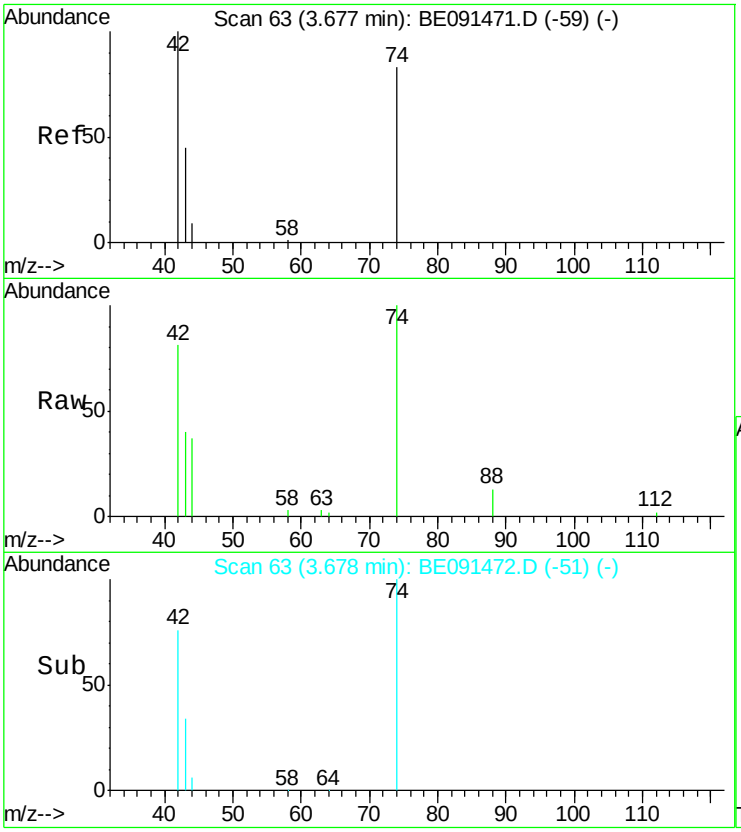


#2
1,4-Dioxane
Concen: 0.79 ng
RT: 3.37 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE091472.D
Acq: 17 Mar 2016 18:30

Tgt Ion: 88 Resp: 5347

Ion	Ratio	Lower	Upper
88	100		
58	80.3	61.0	91.6
43	34.3	25.4	38.2



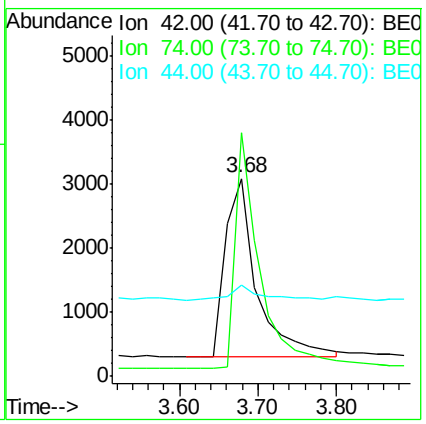


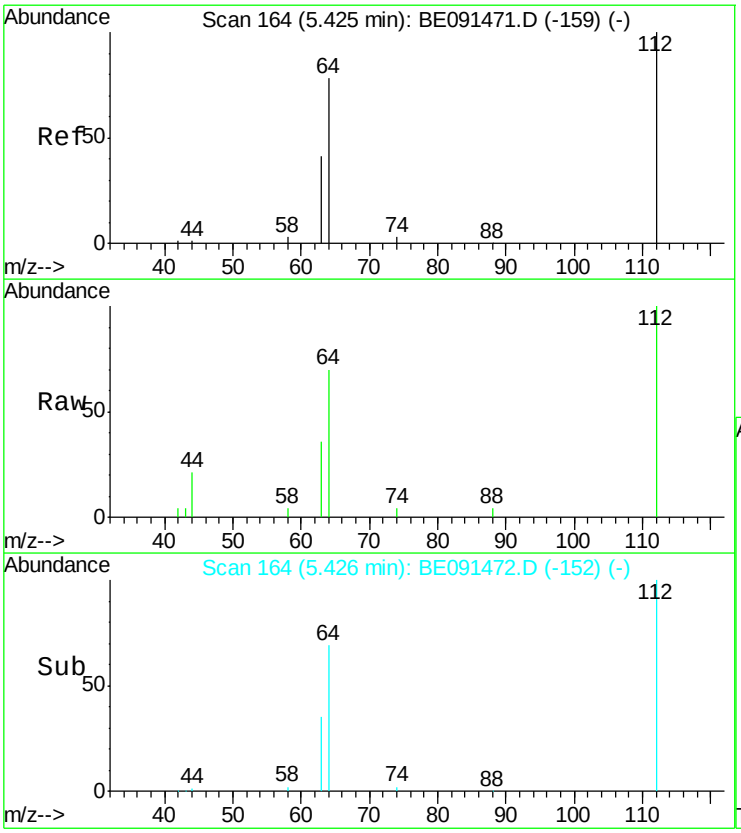
#3
n-Nitrosodimethylamine
Concen: 1.52 ng
RT: 3.68 min Scan# 63
Delta R.T. 0.00 min
Lab File: BE091472.D
Acq: 17 Mar 2016 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 7751

Ion	Ratio	Lower	Upper
42	100		
74	104.3	84.3	126.5
44	8.9	6.7	10.1

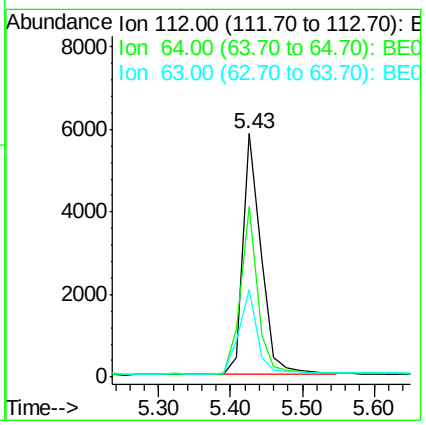


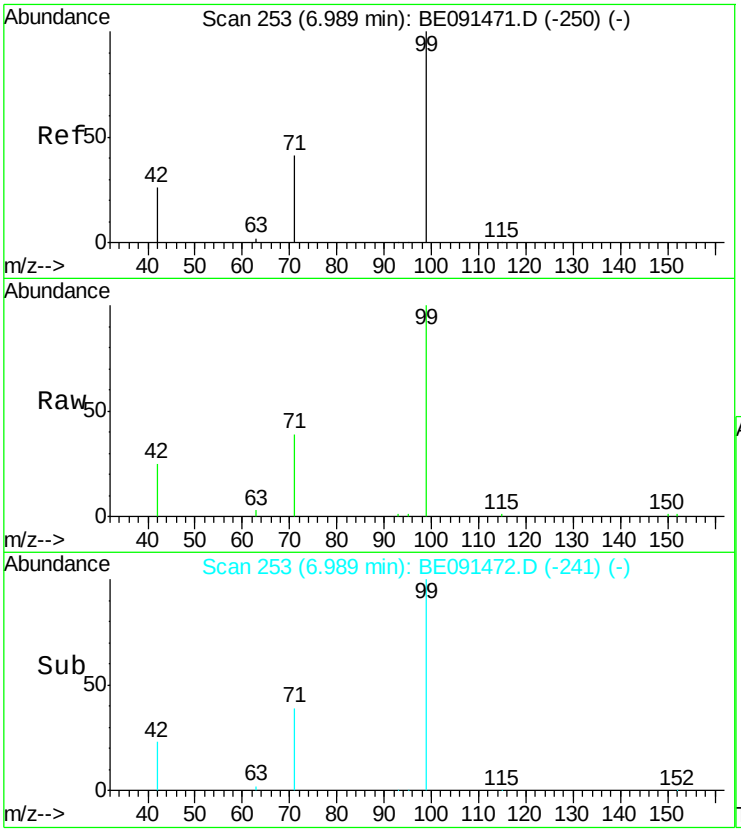


#4
2-Fluorophenol
Concen: 0.95 ng
RT: 5.43 min Scan# 164
Delta R.T. 0.00 min
Lab File: BE091472.D
Acq: 17 Mar 2016 18:30

Tgt Ion:112 Resp: 10264

Ion	Ratio	Lower	Upper
112	100		
64	65.9	53.3	79.9
63	35.0	29.8	44.8



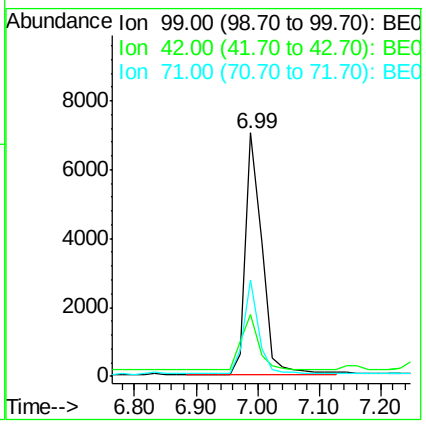


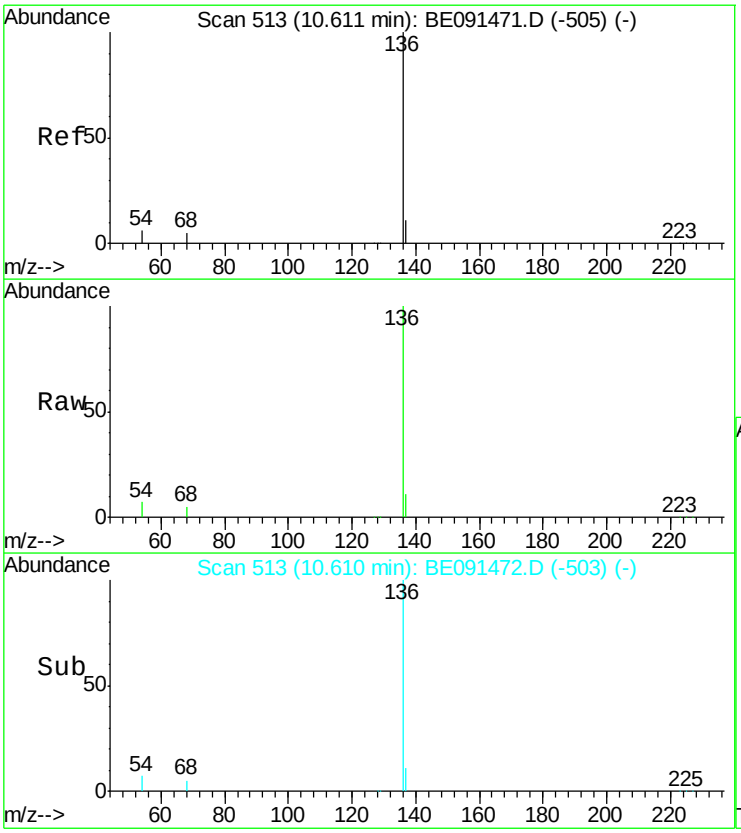
#5
Phenol-d6
Concen: 1.02 ng
RT: 6.99 min Scan# 253
Delta R.T. -0.00 min
Lab File: BE091472.D
Acq: 17 Mar 2016 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 13005

Ion	Ratio	Lower	Upper
99	100		
42	25.2	20.6	30.8
71	35.6	29.0	43.4

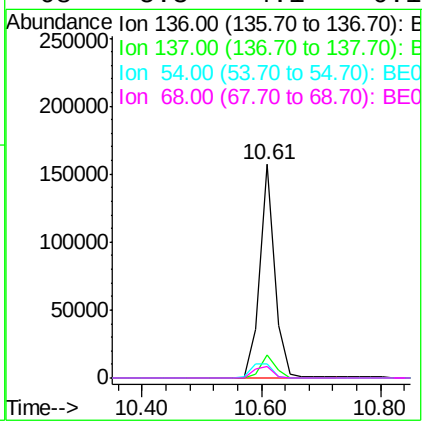


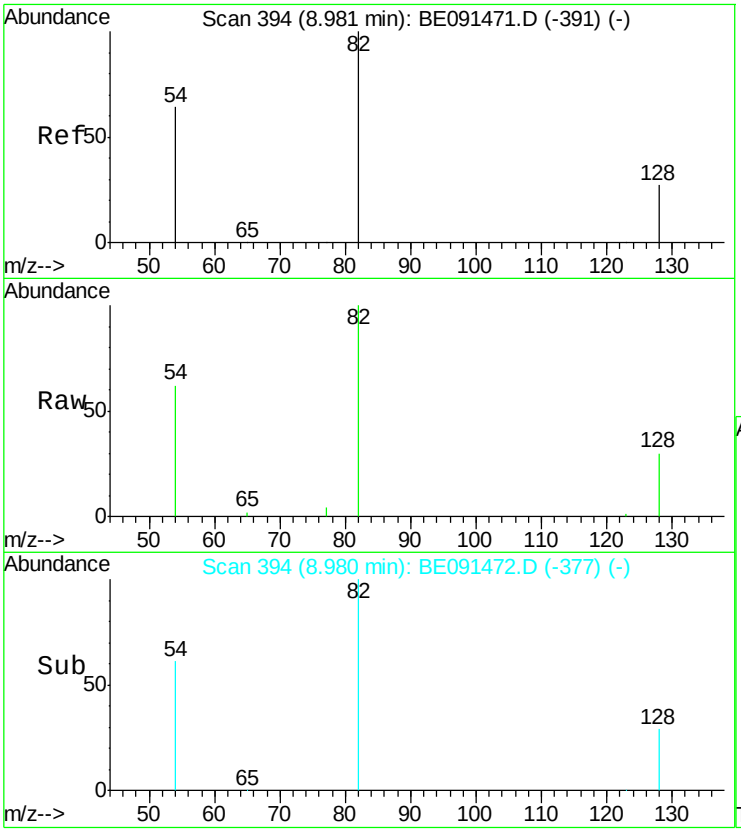


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.61 min Scan# 513
Delta R.T. -0.00 min
Lab File: BE091472.D
Acq: 17 Mar 2016 18:30

Tgt Ion:136 Resp: 273725

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.8	5.2	7.8
68	5.3	4.1	6.1



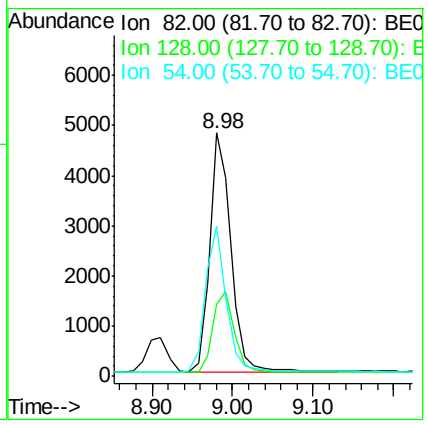


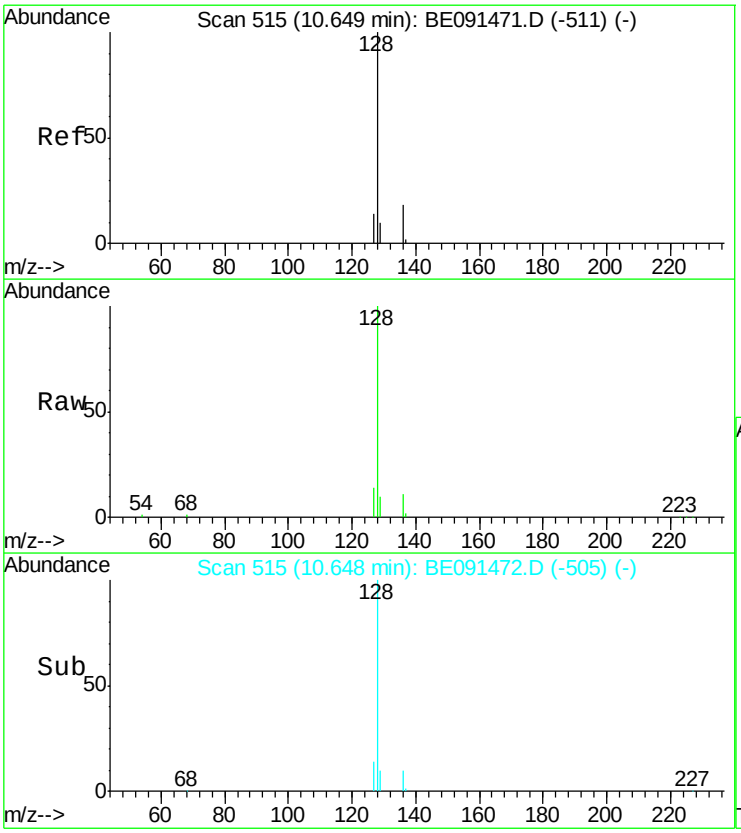
#7
Nitrobenzene-d5
Concen: 0.75 ng
RT: 8.98 min Scan# 394
Delta R.T. -0.00 min
Lab File: BE091472.D
Acq: 17 Mar 2016 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 82 Resp: 8740

Ion	Ratio	Lower	Upper
82	100		
128	29.8	23.5	35.3
54	61.5	52.4	78.6

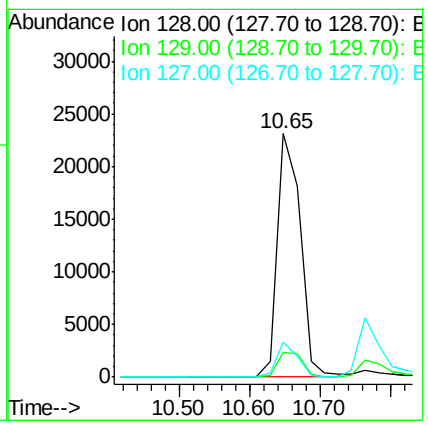


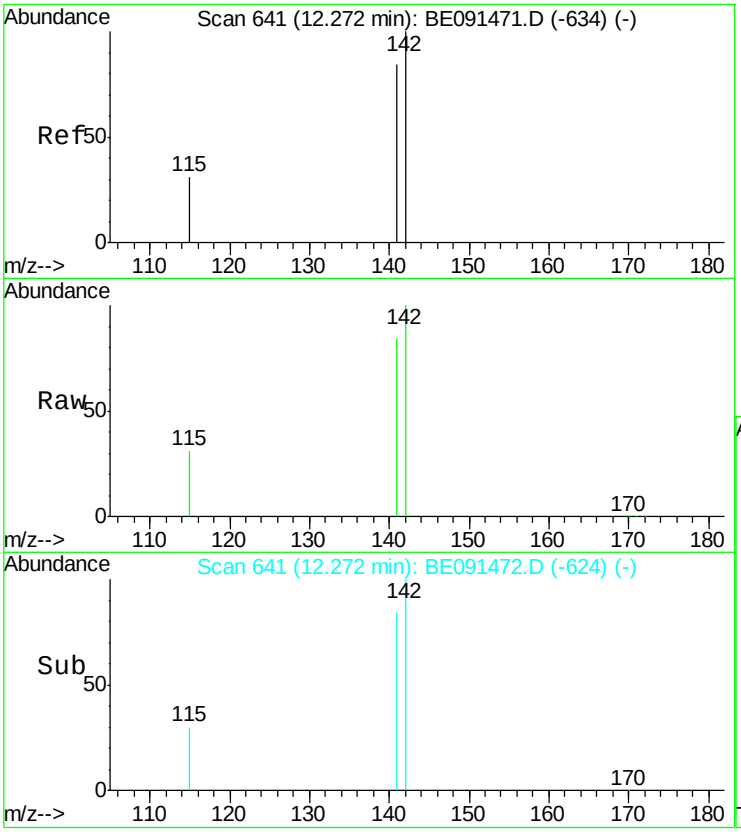


#8
Naphthalene
Concen: 0.70 ng
RT: 10.65 min Scan# 515
Delta R.T. -0.00 min
Lab File: BE091472.D
Acq: 17 Mar 2016 18:30

Tgt Ion:128 Resp: 51322

Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.2	12.2
127	14.4	11.8	17.8



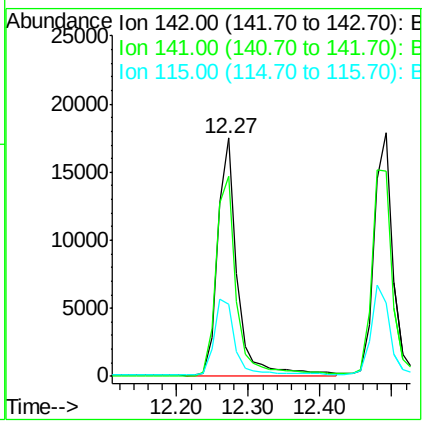


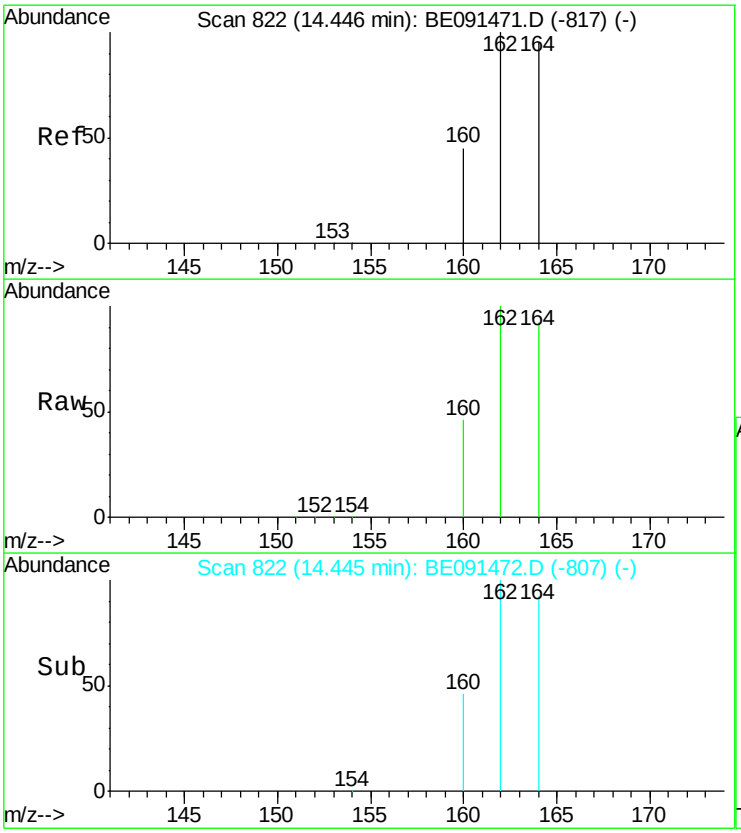
#9
2-Methylnaphthalene
Concen: 0.71 ng
RT: 12.27 min Scan# 641
Delta R.T. -0.00 min
Lab File: BE091472.D
Acq: 17 Mar 2016 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:142 Resp: 32868

Ion	Ratio	Lower	Upper
142	100		
141	84.2	66.9	100.3
115	30.6	25.1	37.7

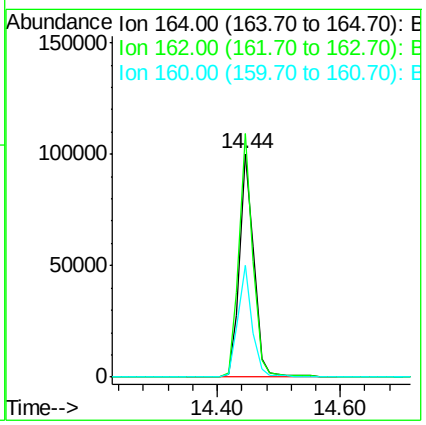


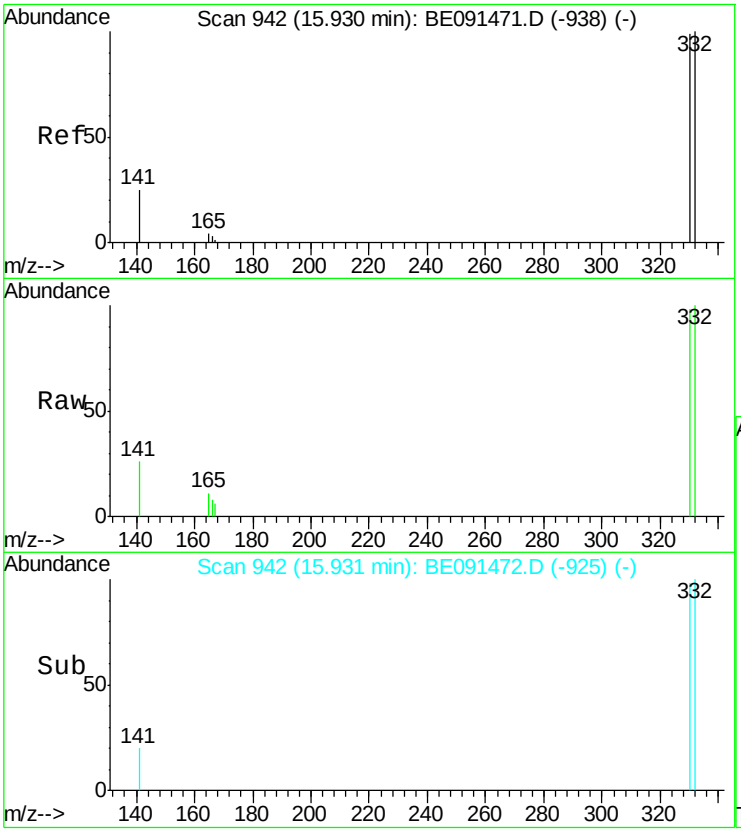


#10
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.44 min Scan# 822
Delta R.T. -0.00 min
Lab File: BE091472.D
Acq: 17 Mar 2016 18:30

Tgt Ion:164 Resp: 163389

Ion	Ratio	Lower	Upper
164	100		
162	109.1	84.4	126.6
160	49.8	37.7	56.5



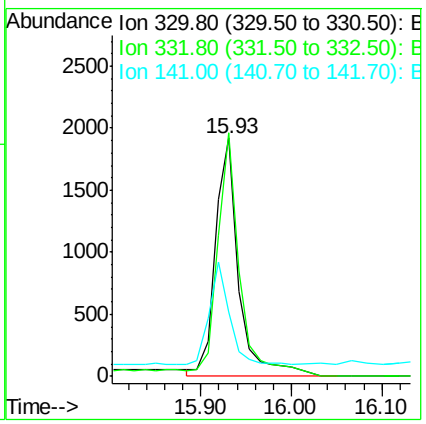


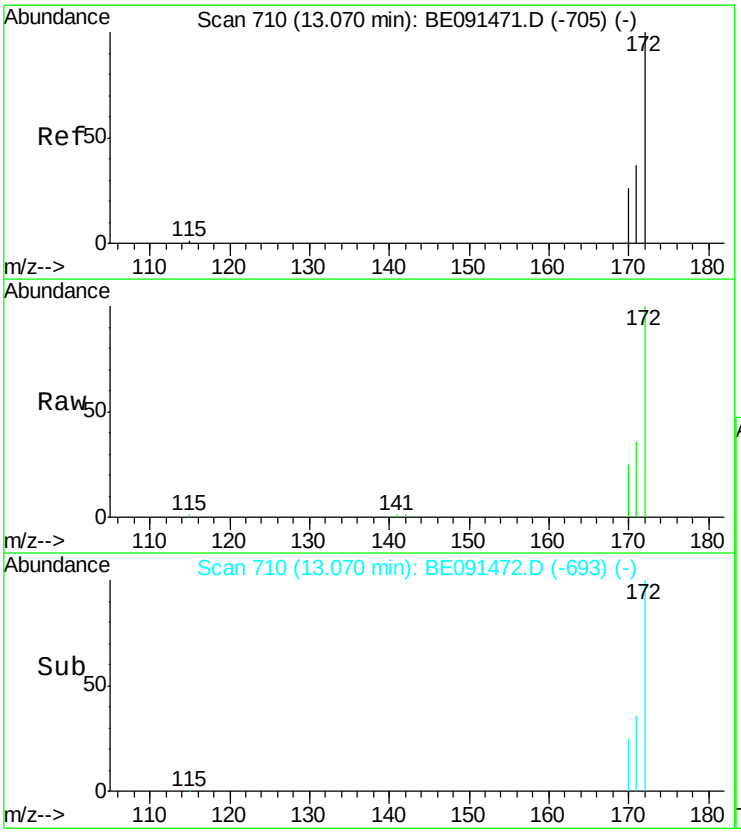
#11
2,4,6-Tribromophenol
Concen: 0.94 ng
RT: 15.93 min Scan# 942
Delta R.T. 0.00 min
Lab File: BE091472.D
Acq: 17 Mar 2016 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:330 Resp: 4082

Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.2	118.8
141	31.5	28.1	42.1

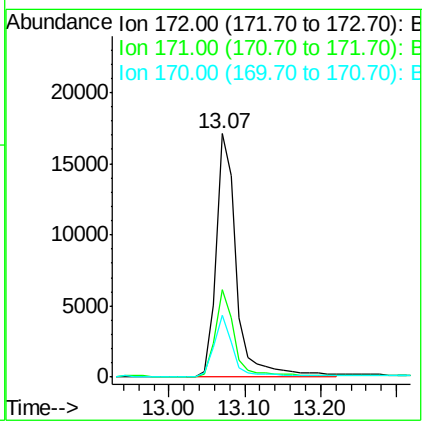


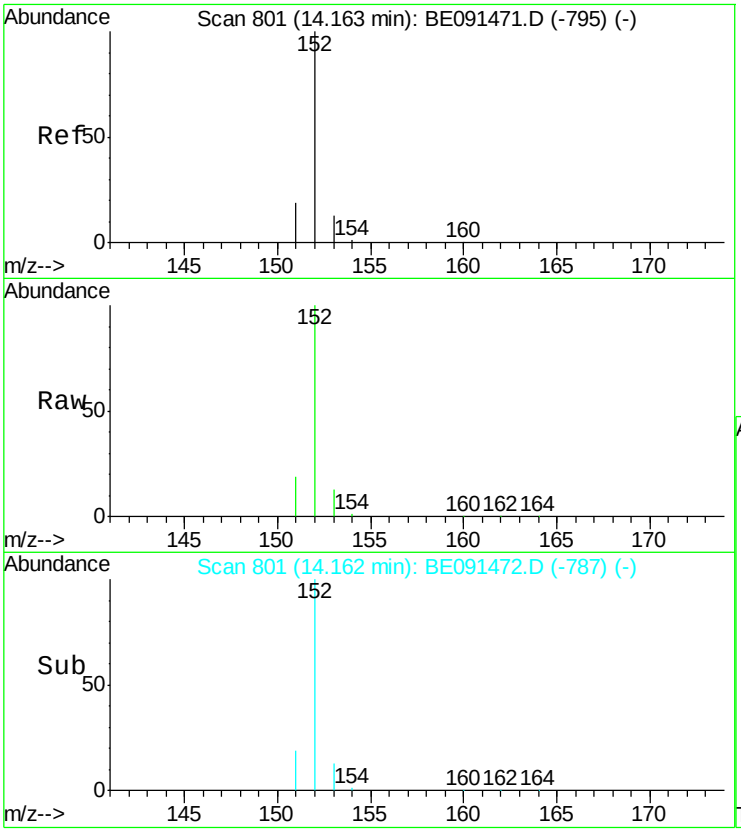


#12
2-Fluorobiphenyl
Concen: 0.70 ng
RT: 13.07 min Scan# 710
Delta R.T. -0.00 min
Lab File: BE091472.D
Acq: 17 Mar 2016 18:30

Tgt Ion:172 Resp: 31811

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.8	44.8
170	25.4	21.4	32.2



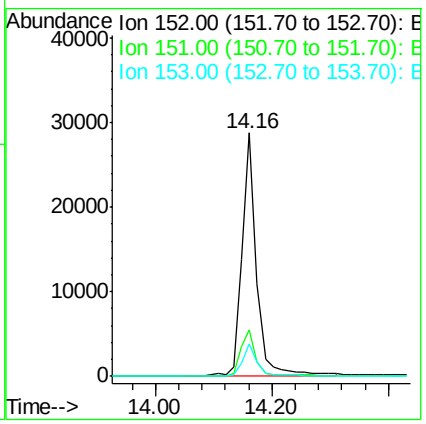


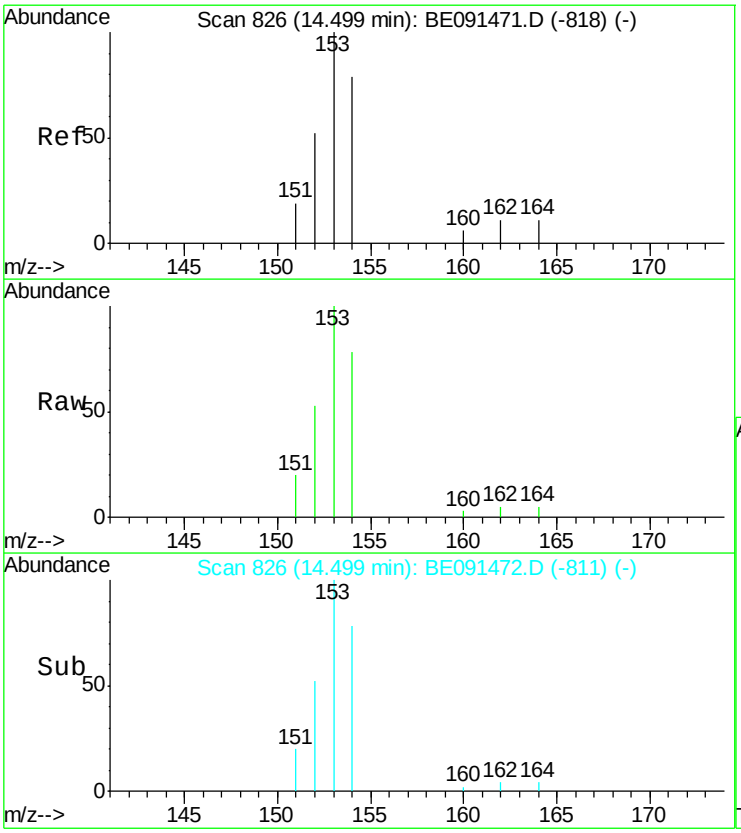
#13
Acenaphthylene
Concen: 0.61 ng
RT: 14.16 min Scan# 801
Delta R.T. -0.00 min
Lab File: BE091472.D
Acq: 17 Mar 2016 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 49119

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	16.3	11.1	16.7

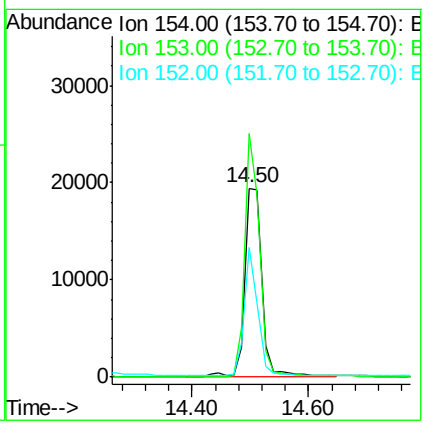


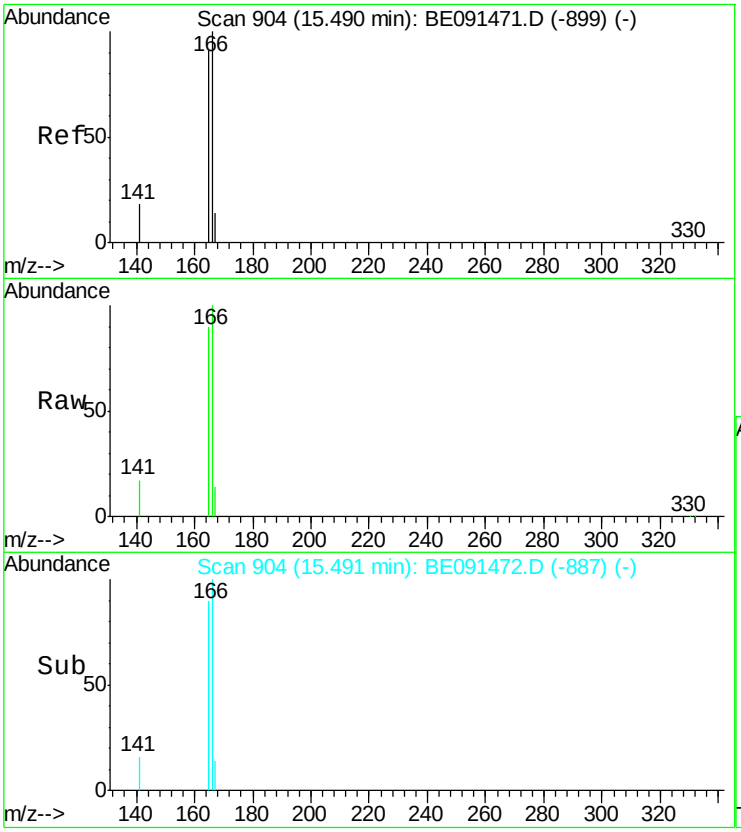


#14
Acenaphthene
Concen: 0.66 ng
RT: 14.50 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE091472.D
Acq: 17 Mar 2016 18:30

Tgt Ion:154 Resp: 38636

Ion	Ratio	Lower	Upper
154	100		
153	111.2	87.3	130.9
152	54.0	42.9	64.3



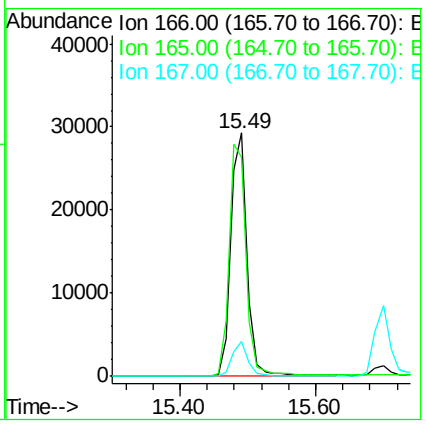


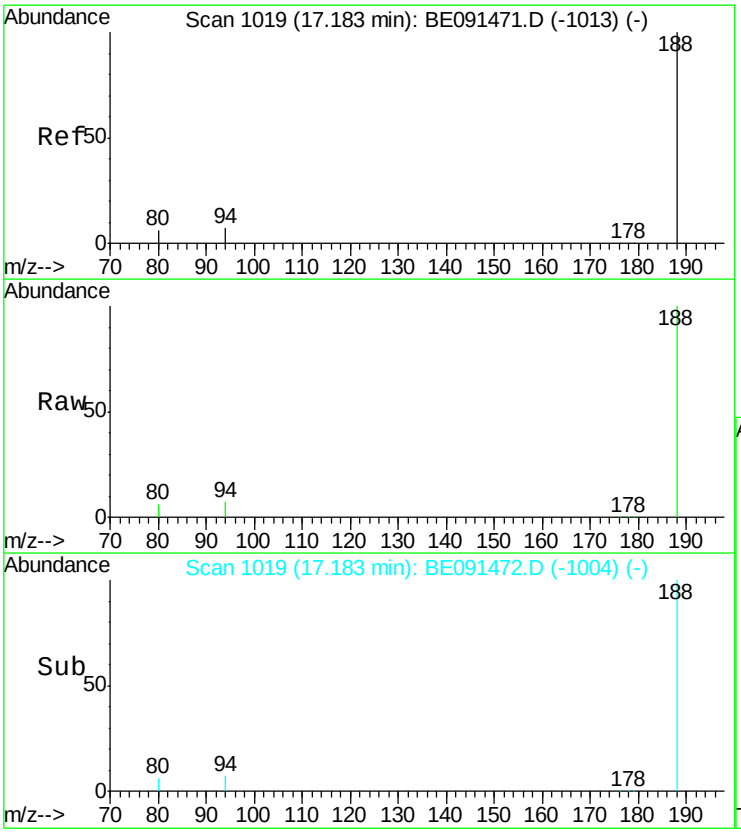
#15
Fluorene
Concen: 0.73 ng
RT: 15.49 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE091472.D
Acq: 17 Mar 2016 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:166 Resp: 48874

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.2	118.8
167	13.3	10.8	16.2

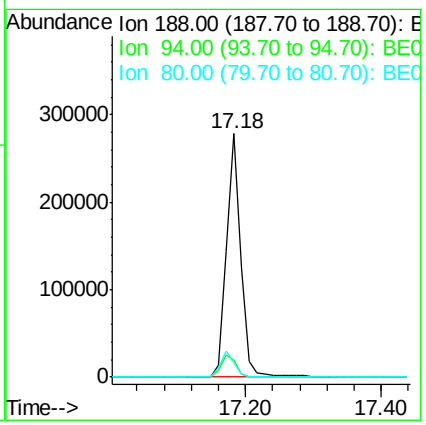


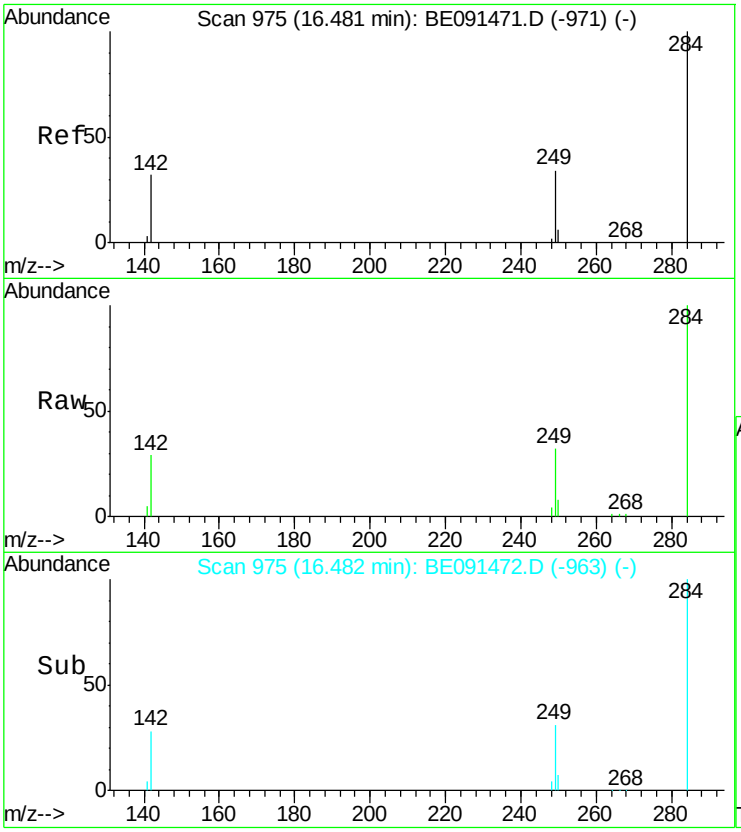


#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.18 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE091472.D
Acq: 17 Mar 2016 18:30

Tgt Ion:188 Resp: 412741

Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.4	8.2
80	6.2	5.0	7.4



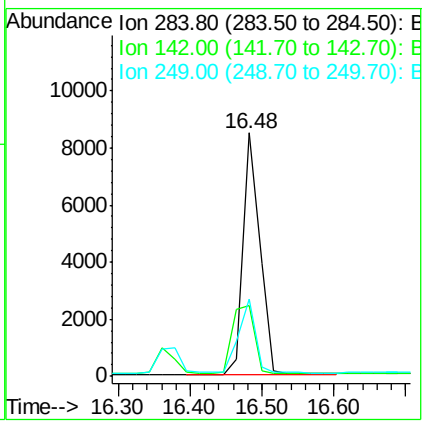


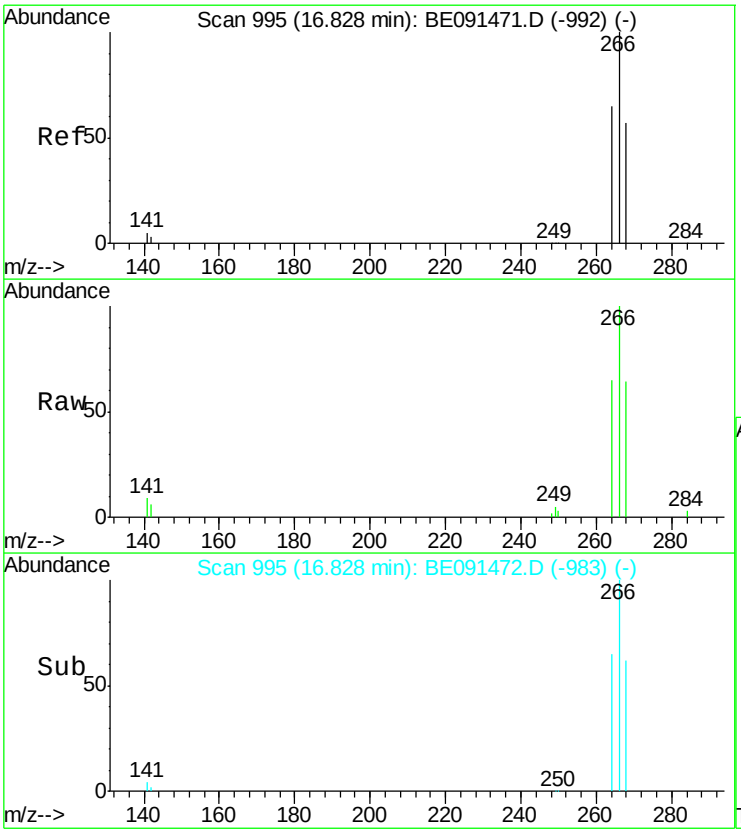
#17
Hexachlorobenzene
Concen: 0.52 ng
RT: 16.48 min Scan# 975
Delta R.T. 0.00 min
Lab File: BE091472.D
Acq: 17 Mar 2016 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 13599

Ion	Ratio	Lower	Upper
284	100		
142	37.3	31.0	46.4
249	30.6	25.8	38.8

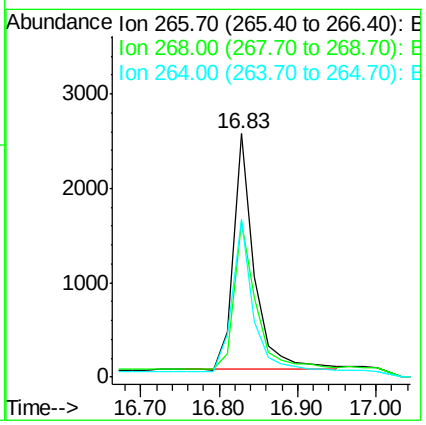


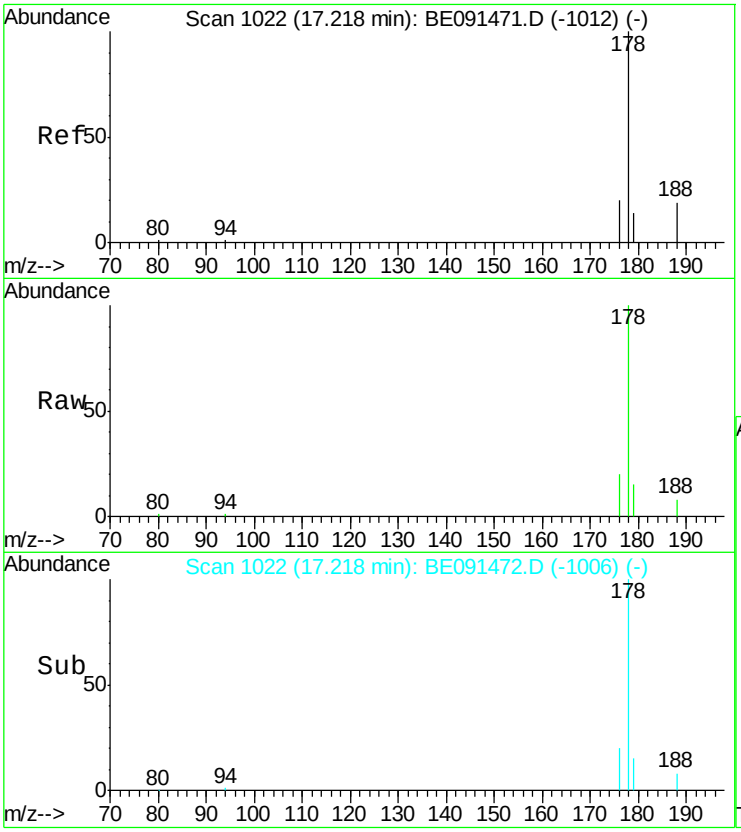


#18
Pentachlorophenol
Concen: 1.83 ng
RT: 16.83 min Scan# 995
Delta R.T. 0.00 min
Lab File: BE091472.D
Acq: 17 Mar 2016 18:30

Tgt Ion:266 Resp: 4672

Ion	Ratio	Lower	Upper
266	100		
268	63.6	48.2	72.2
264	64.9	52.1	78.1



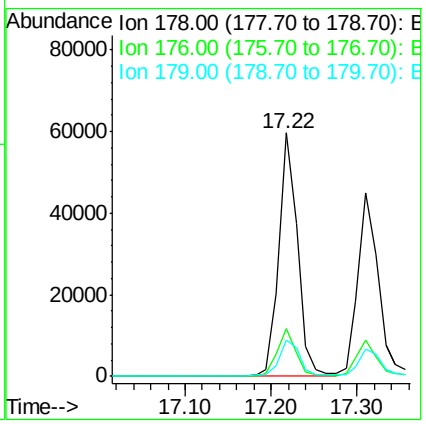


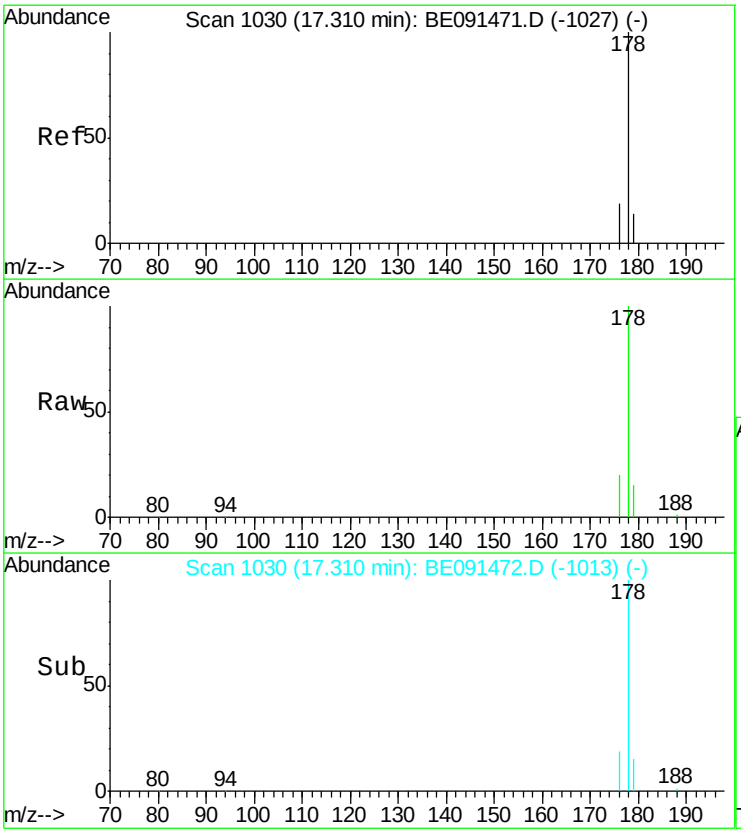
#19
Phenanthrene
Concen: 0.69 ng
RT: 17.22 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BE091472.D
Acq: 17 Mar 2016 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 89237

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.9	13.1	19.7

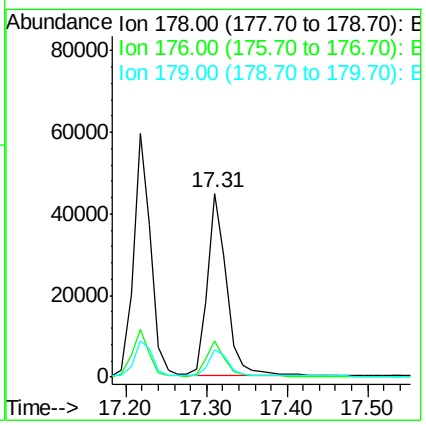


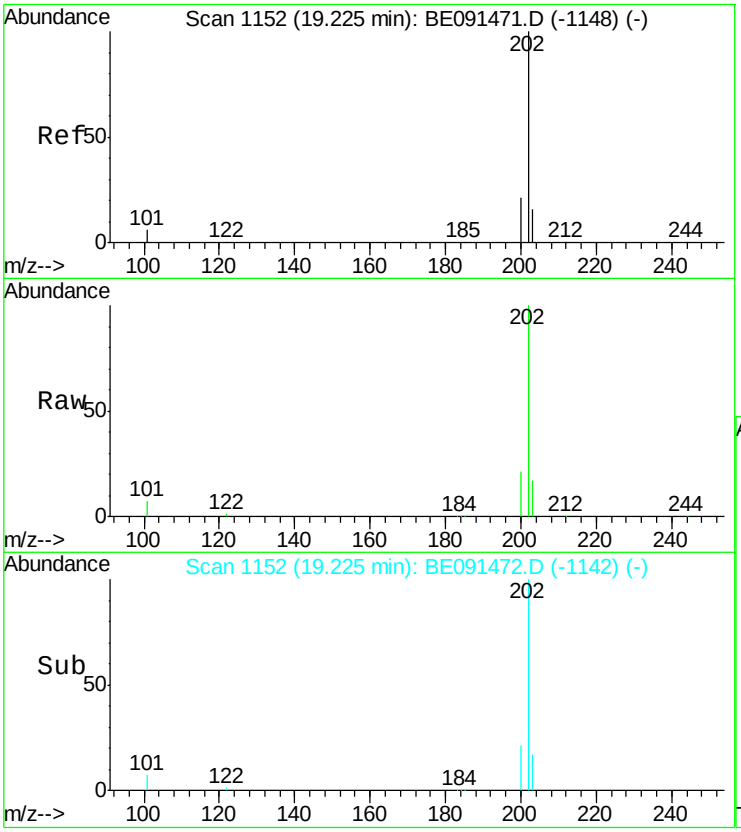


#20
Anthracene
Concen: 0.66 ng
RT: 17.31 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BE091472.D
Acq: 17 Mar 2016 18:30

Tgt Ion:178 Resp: 75238

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.2	12.2	18.4



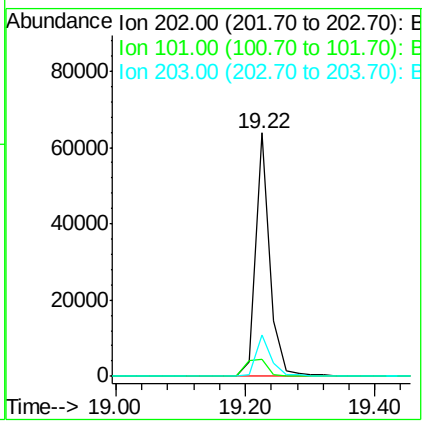


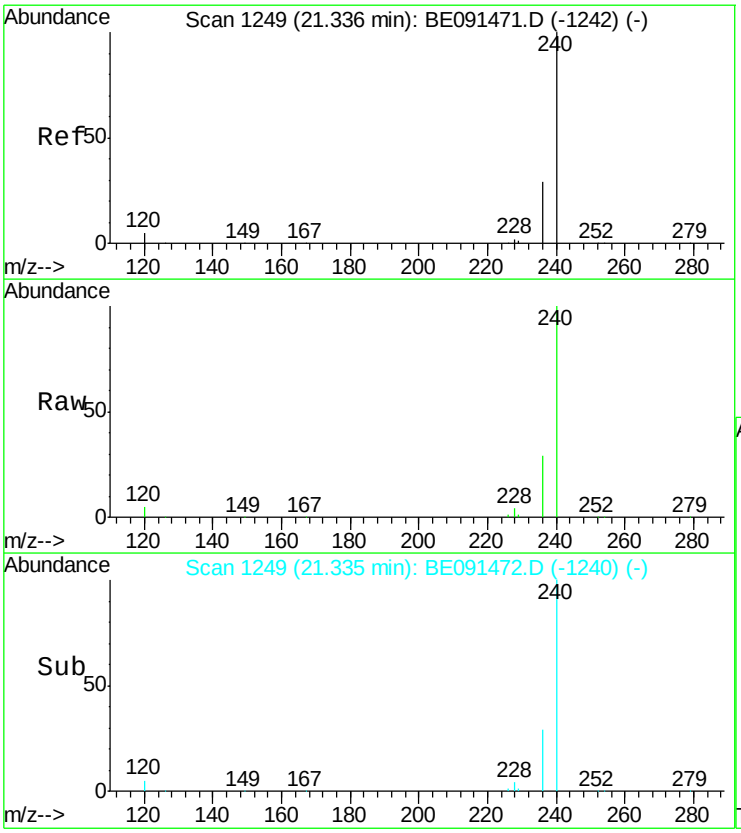
#21
Fluoranthene
Concen: 0.71 ng
RT: 19.22 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE091472.D
Acq: 17 Mar 2016 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:202 Resp: 98200

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.3	12.5
203	17.6	13.9	20.9

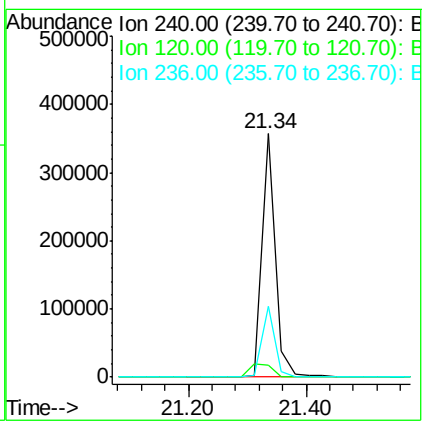


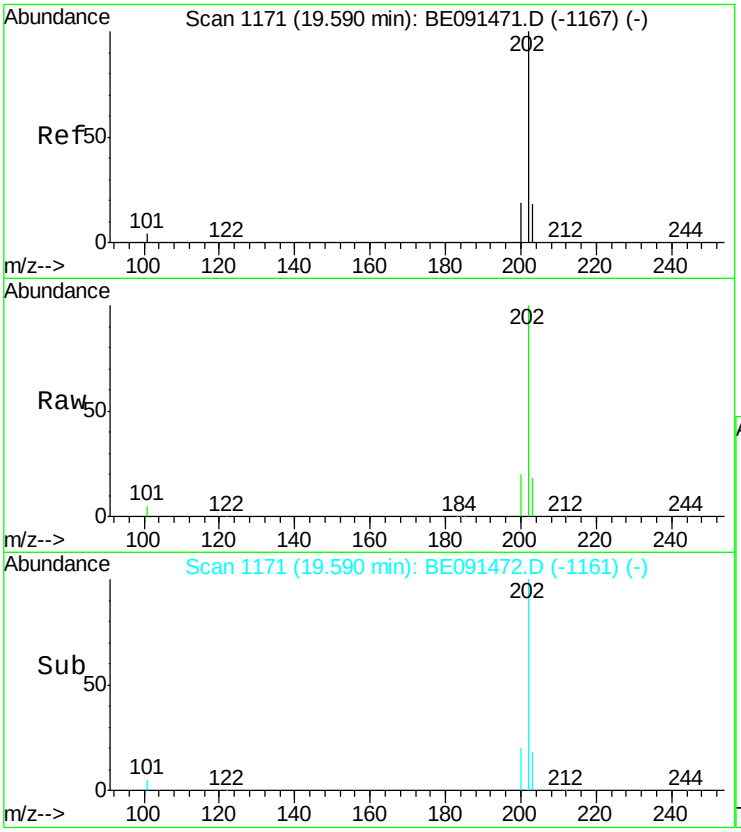


#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.34 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BE091472.D
Acq: 17 Mar 2016 18:30

Tgt Ion:240 Resp: 565647

Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.0	6.0
236	29.2	23.0	34.4



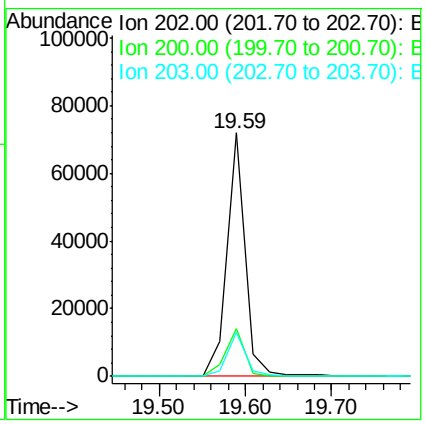


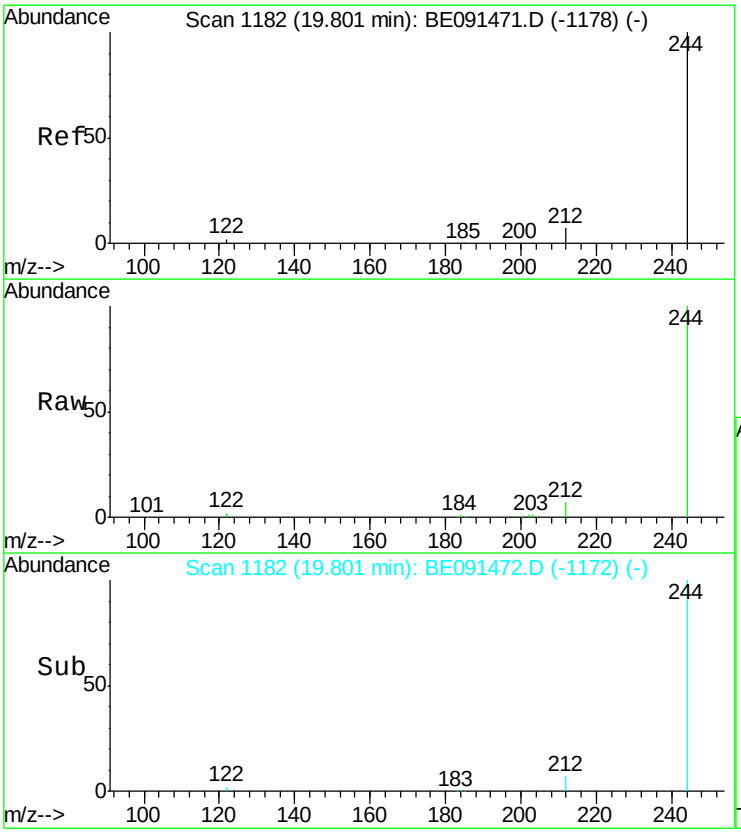
#23
Pyrene
Concen: 0.50 ng
RT: 19.59 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BE091472.D
Acq: 17 Mar 2016 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:202 Resp: 104626

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.4	24.6
203	17.9	14.6	21.8

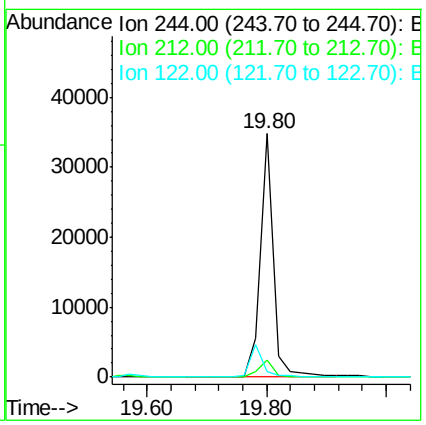


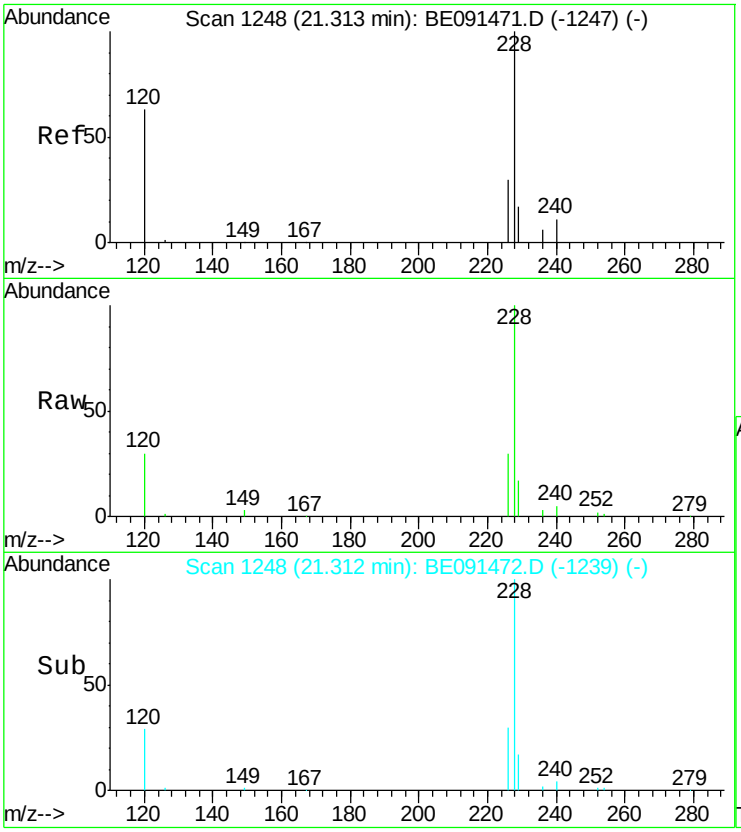


#24
Terphenyl-d14
Concen: 0.74 ng
RT: 19.80 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BE091472.D
Acq: 17 Mar 2016 18:30

Tgt Ion:244 Resp: 52170

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	2.1	1.8	2.8



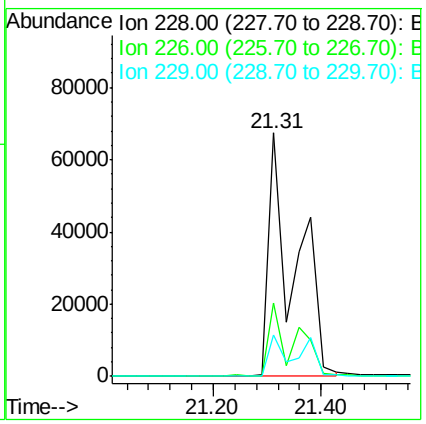


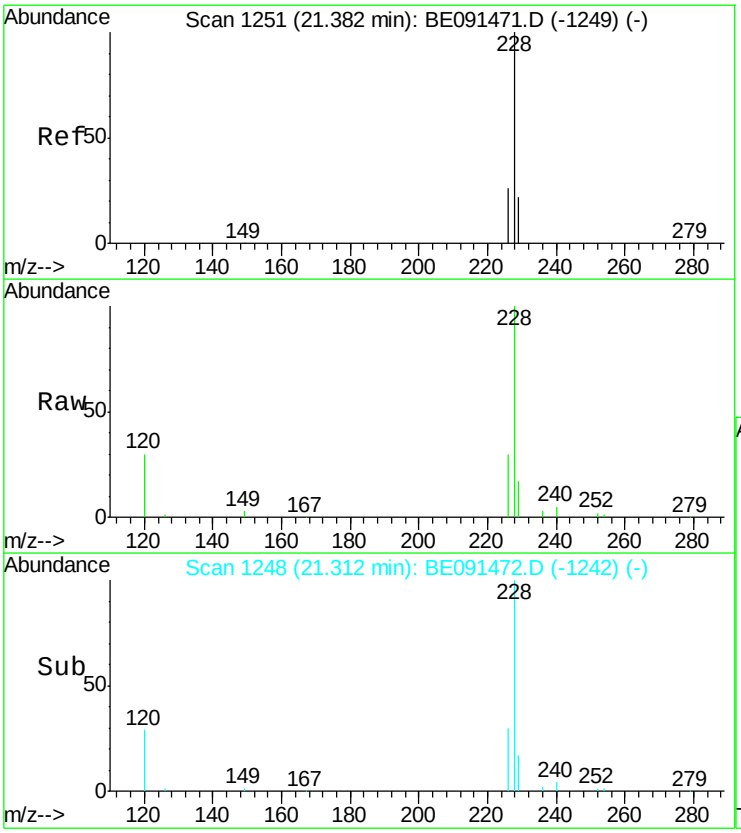
#25
Benzo(a)anthracene
Concen: 1.22 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE091472.D
Acq: 17 Mar 2016 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 228284

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	16.8	13.8	20.6

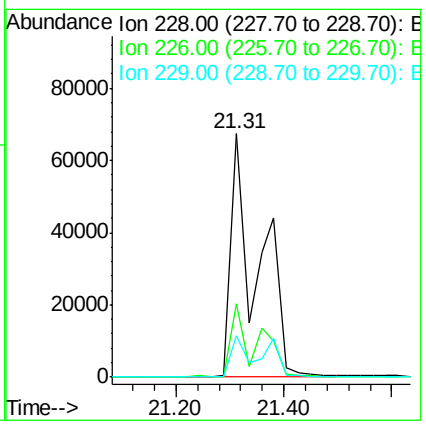


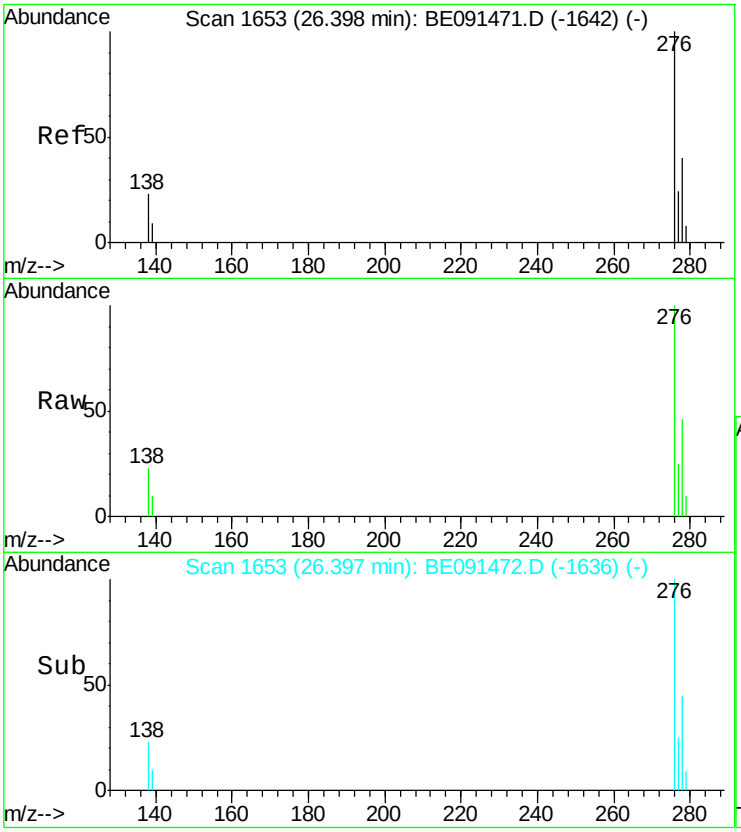


#26
Chrysene
Concen: 1.16 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.07 min
Lab File: BE091472.D
Acq: 17 Mar 2016 18:30

Tgt Ion:228 Resp: 230742

Ion	Ratio	Lower	Upper
228	100		
226	30.2	18.9	28.3#
229	16.8	19.1	28.7#



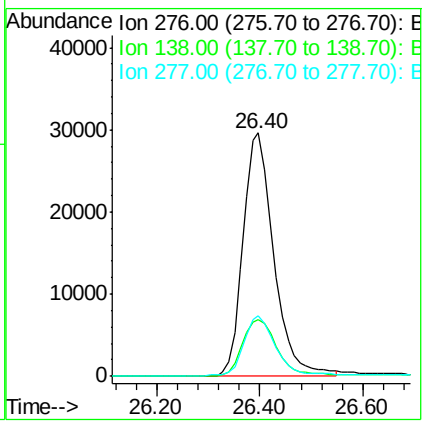


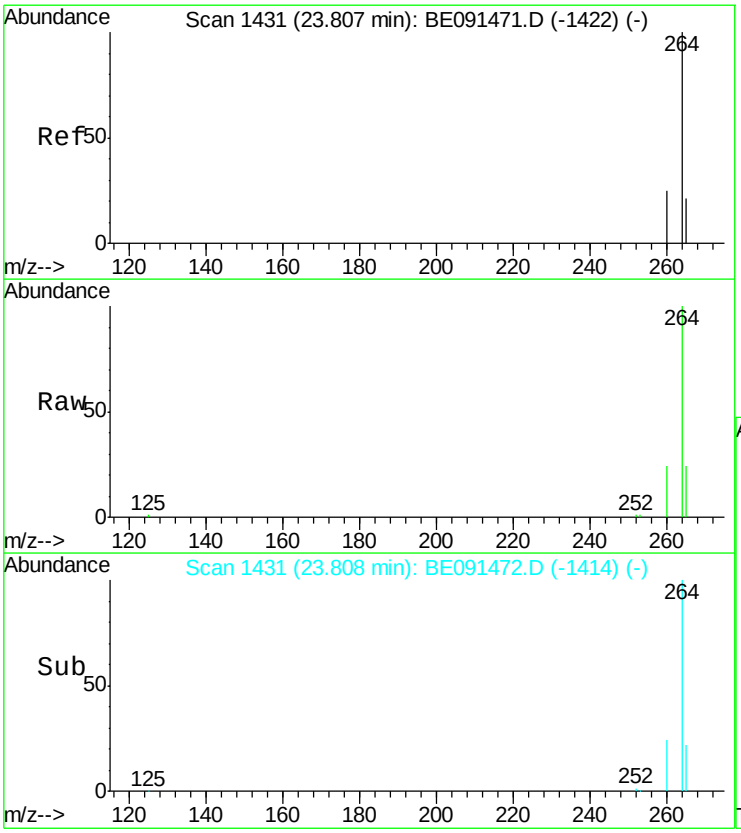
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.77 ng
RT: 26.40 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BE091472.D
Acq: 17 Mar 2016 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 121936

Ion	Ratio	Lower	Upper
276	100		
138	25.5	20.2	30.4
277	24.8	19.8	29.8

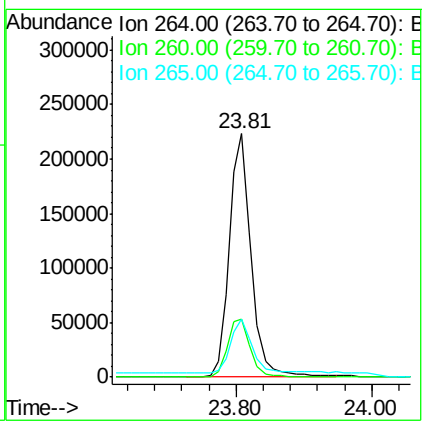


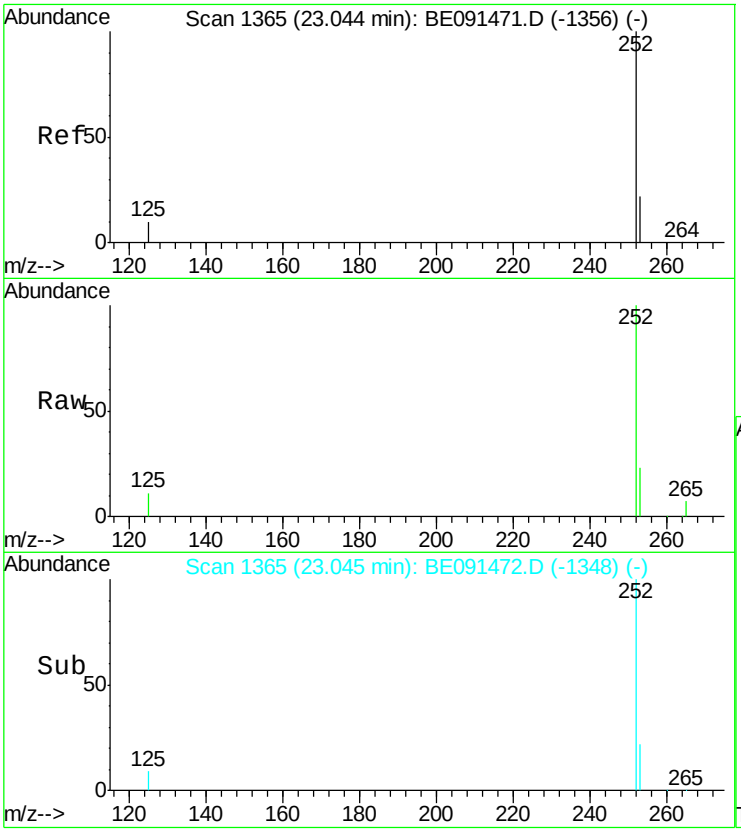


#28
Perylene-d12
Concen: 5.00 ng
RT: 23.81 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE091472.D
Acq: 17 Mar 2016 18:30

Tgt Ion:264 Resp: 501363

Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.1	30.1
265	23.9	18.3	27.5



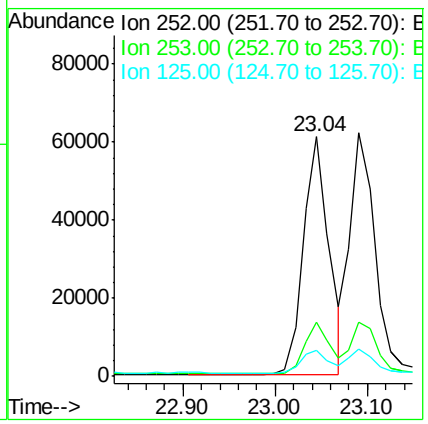


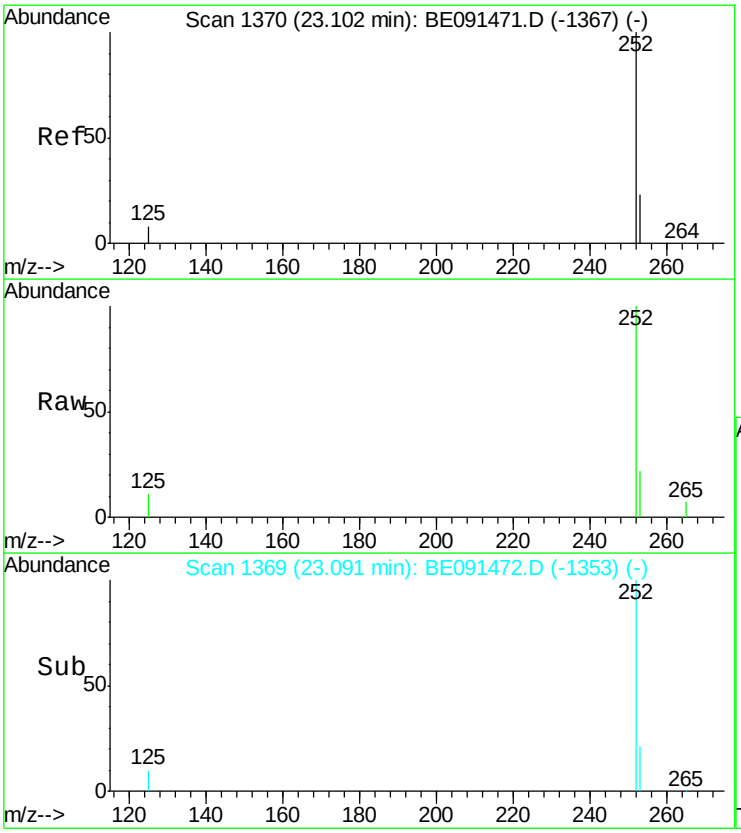
#29
Benzo(b)fluoranthene
Concen: 0.65 ng
RT: 23.04 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BE091472.D
Acq: 17 Mar 2016 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 117965

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.7	28.1
125	10.7	9.8	14.6

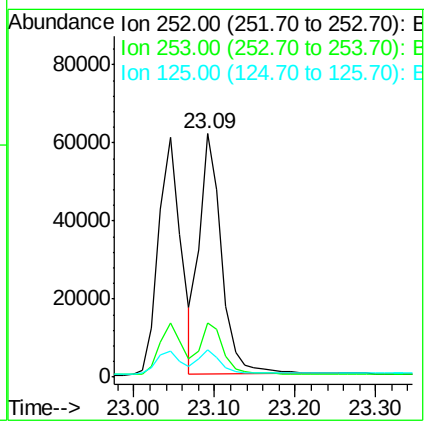


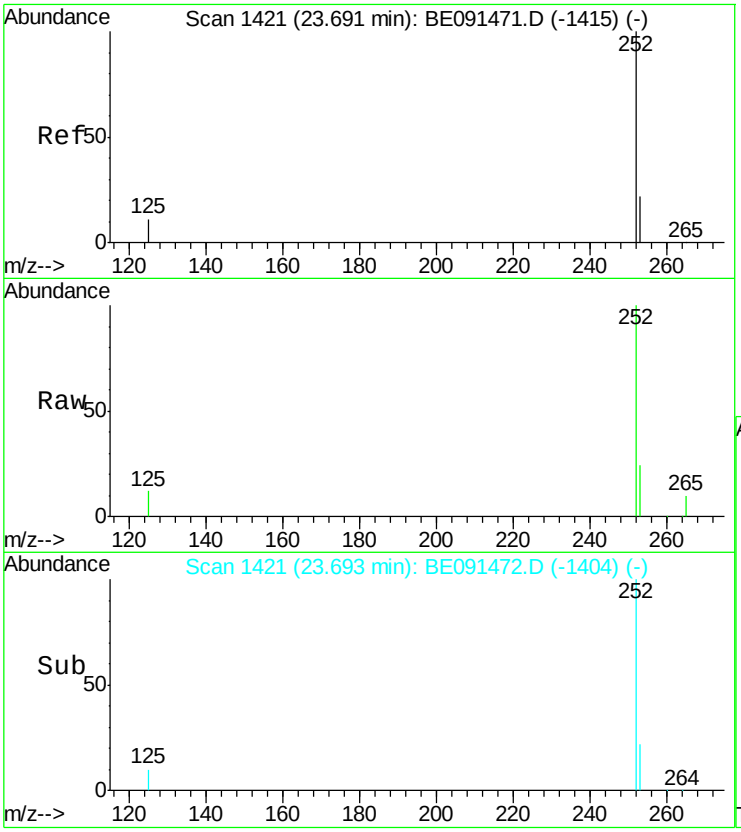


#30
Benzo(k)fluoranthene
Concen: 0.66 ng
RT: 23.09 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BE091472.D
Acq: 17 Mar 2016 18:30

Tgt Ion:252 Resp: 118478

Ion	Ratio	Lower	Upper
252	100		
253	22.2	20.2	30.4
125	11.0	9.4	14.2



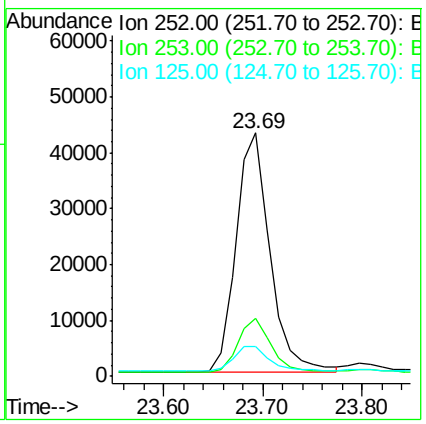


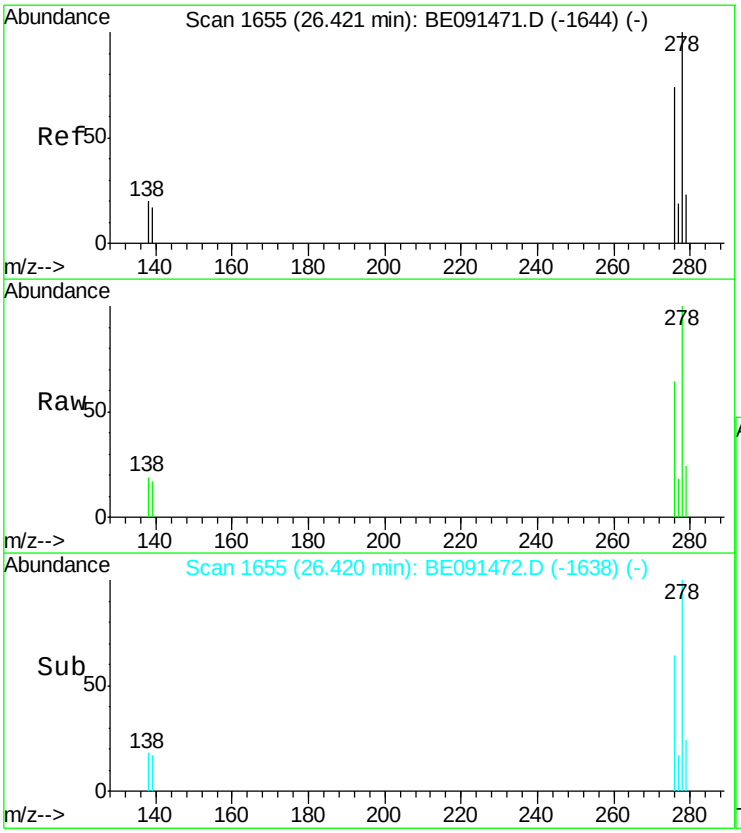
#31
Benzo(a)pyrene
Concen: 0.66 ng
RT: 23.69 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BE091472.D
Acq: 17 Mar 2016 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 102019

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.4	29.0
125	12.2	11.4	17.2

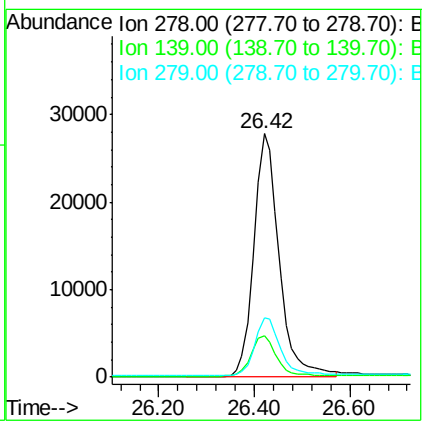


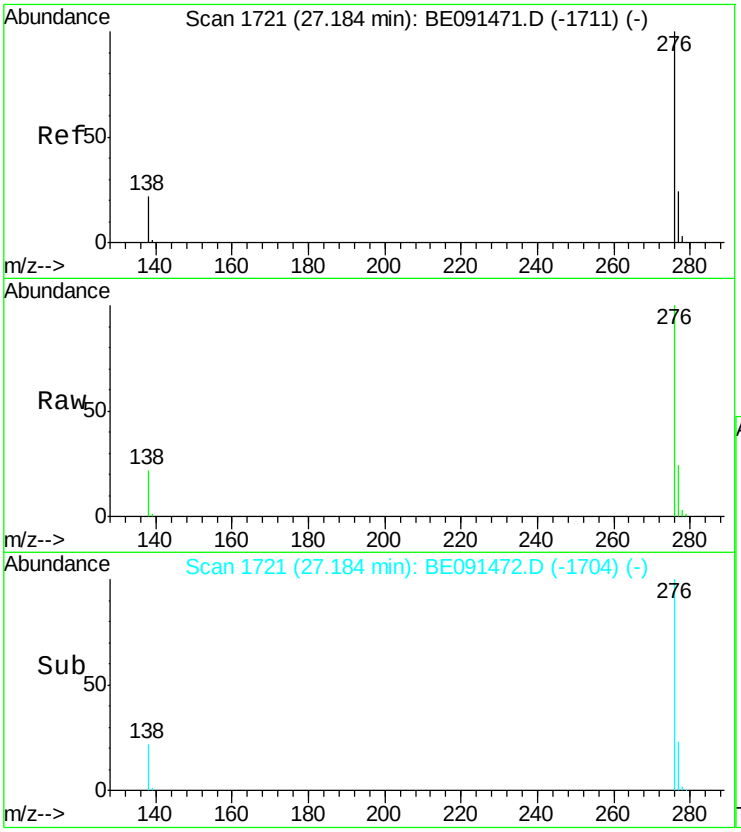


#32
Dibenzo(a,h)anthracene
Concen: 0.78 ng
RT: 26.42 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BE091472.D
Acq: 17 Mar 2016 18:30

Tgt Ion:278 Resp: 101188

Ion	Ratio	Lower	Upper
278	100		
139	16.8	14.2	21.4
279	24.4	19.6	29.4





#33
Benzo(g,h,i)perylene
Concen: 0.73 ng
RT: 27.18 min Scan# 1721
Delta R.T. -0.00 min
Lab File: BE091472.D
Acq: 17 Mar 2016 18:30

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 107029

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.4	29.2
138	22.2	18.2	27.4