Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032516\
Data File : BE091528.D
Acq On : 25 Mar 2016 17:12
Operator : UM/SJ
Sample : SSTDICC005
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC005

Quant Time: Mar 25 18:22:32 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 15:19:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	39684	5.00	ng		0.00
6) Naphthalene-d8	10.59	136	200598	5.00	ng		0.00
10) Acenaphthene-d10	14.43	164	118860	5.00	ng		-0.01
16) Phenanthrene-d10	17.17	188	284422	5.00	ng		0.00
22) Chrysene-d12	21.34	240	303168	5.00	ng		0.00
28) Perylene-d12	23.79	264	303522	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	40106	4.40	ng		-0.02
5) Phenol-d6	6.97	99	57916	4.87	ng		-0.02
7) Nitrobenzene-d5	8.97	82	47038	5.23	ng		-0.01
11) 2,4,6-Tribromophenol	15.91	330	16333	4.83	ng		-0.01
12) 2-Fluorobiphenyl	13.06	172	163894	5.48	ng		-0.01
24) Terphenyl-d14	19.78	244	255083	7.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	22065	4.45	ng		90
3) n-Nitrosodimethylamine	3.64	42	30950	4.39	ng	#	87
8) Naphthalene	10.65	128	192697	3.93	ng	#	93
9) 2-Methylnaphthalene	12.25	142	128171	4.07	ng	#	89
13) Acenaphthylene	14.15	152	236846	4.67	ng		97
14) Acenaphthene	14.49	154	145419	3.97	ng		98
15) Fluorene	15.47	166	183623	3.96	ng		100
17) Hexachlorobenzene	16.48	284	49561	4.00	ng		93
18) Pentachlorophenol	16.81	266	18811	3.83	ng		99
19) Phenanthrene	17.21	178	312622	3.85	ng		99
20) Anthracene	17.30	178	291714	4.09	ng		99
21) Fluoranthene	19.21	202	319245	3.43	ng		98
23) Pyrene	19.57	202	366782	4.86	ng		97
25) Benzo(a)anthracene	21.31	228	356019	4.27	ng	#	87
26) Chrysene	21.31	228	356016	4.18	ng		98
27) Indeno(1,2,3-cd)pyrene	26.35	276	383261	4.41	ng		99
29) Benzo(b)fluoranthene	23.02	252	381378	3.98	ng		95
30) Benzo(k)fluoranthene	23.08	252	330410	3.37	ng		95
31) Benzo(a)pyrene	23.67	252	314591	3.72	ng	#	94
32) Dibenzo(a,h)anthracene	26.39	278	328927	3.95	ng		97
33) Benzo(g,h,i)perylene	27.15	276	329038	3.80	ng		99

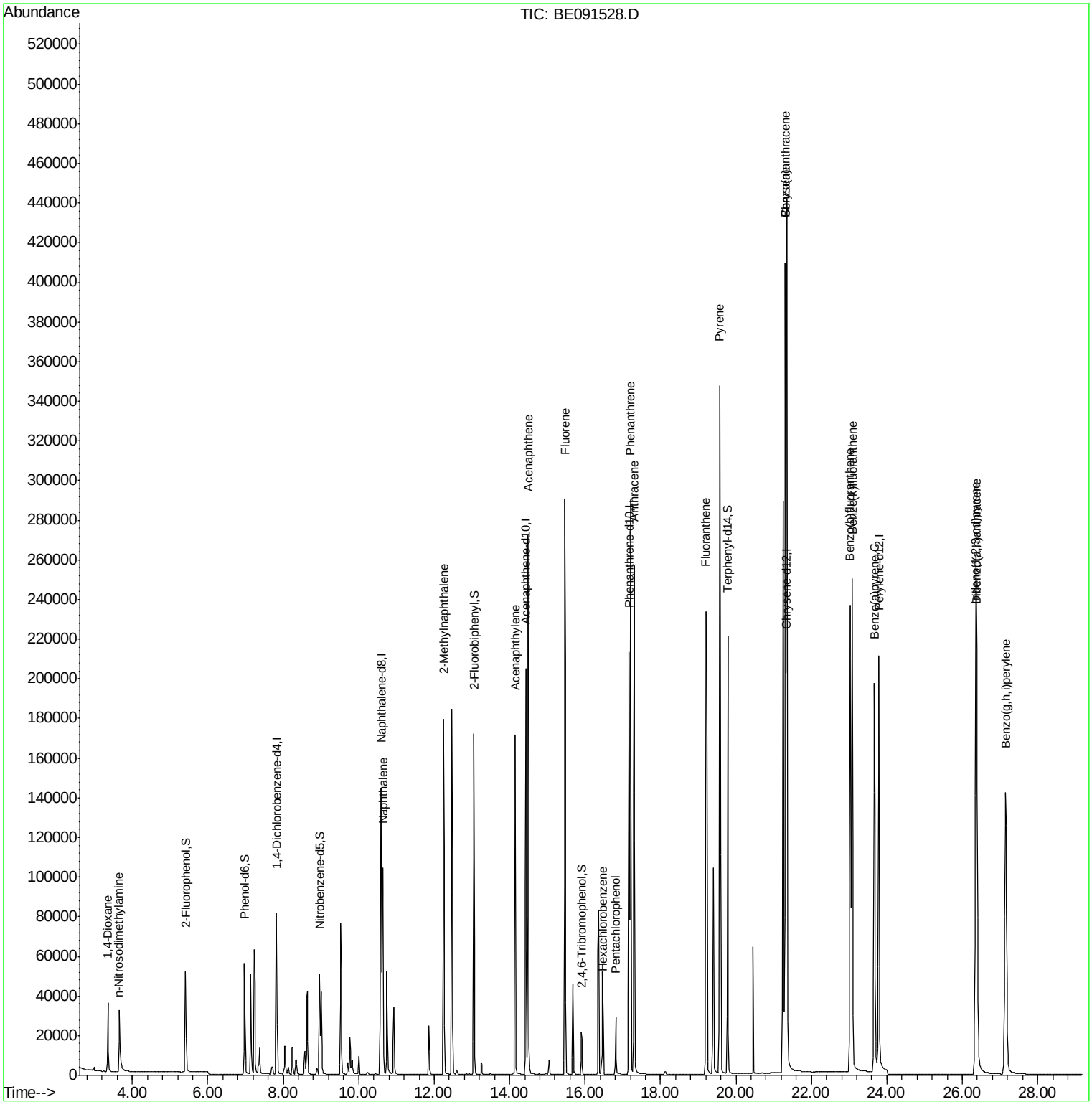
(#) = qualifier out of range (m) = manual integration (+) = signals summed

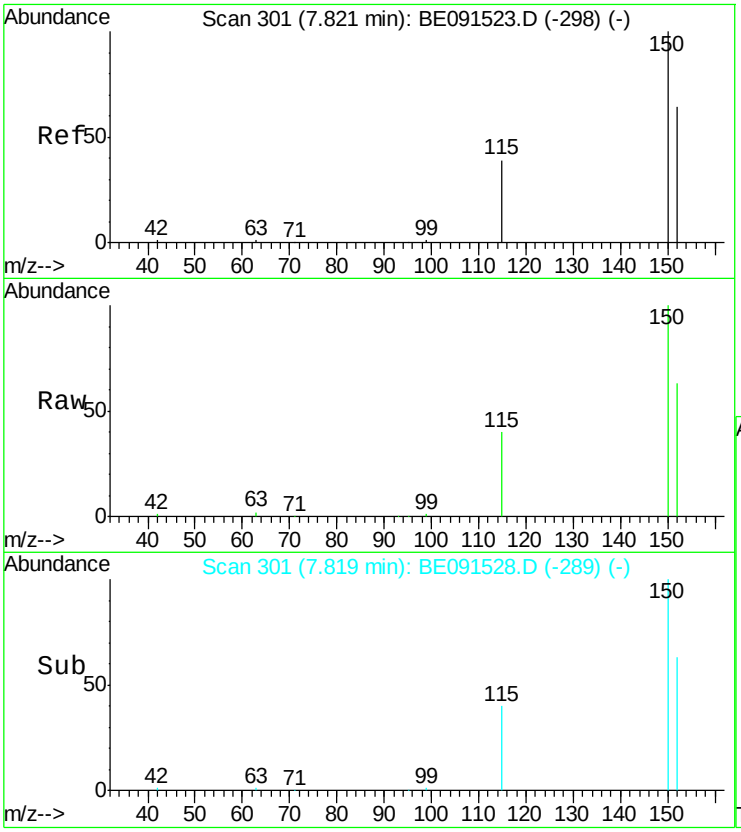
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032516\
Data File : BE091528.D
Acq On : 25 Mar 2016 17:12
Operator : UM/SJ
Sample : SSTDICC005
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Quant Time: Mar 25 18:22:32 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 15:19:17 2016
Response via : Initial Calibration



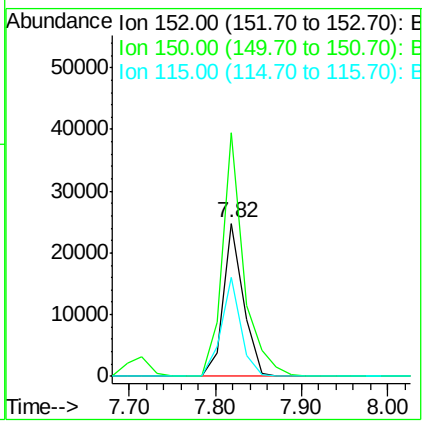


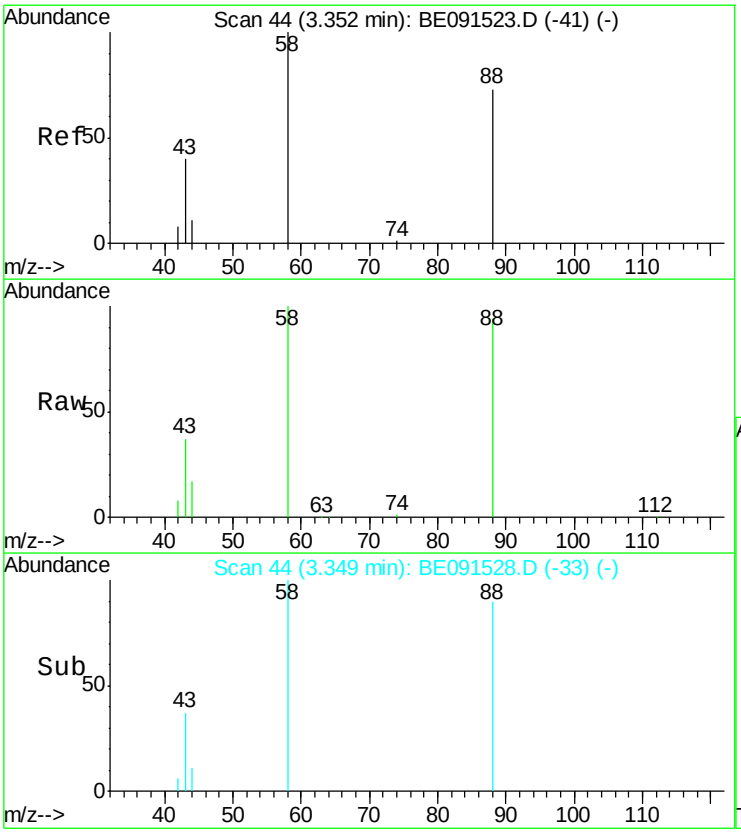
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.82 min Scan# 301
Delta R.T. -0.00 min
Lab File: BE091528.D
Acq: 25 Mar 2016 17:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 39684

Ion	Ratio	Lower	Upper
152	100		
150	159.3	122.2	183.2
115	64.4	45.9	68.9

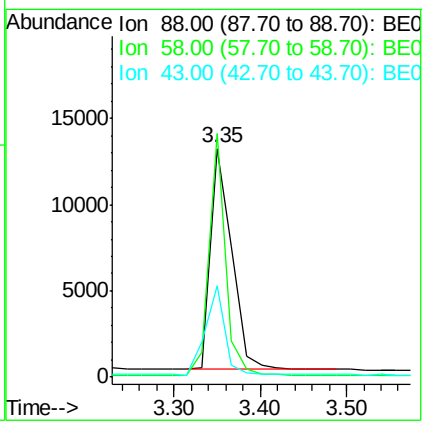


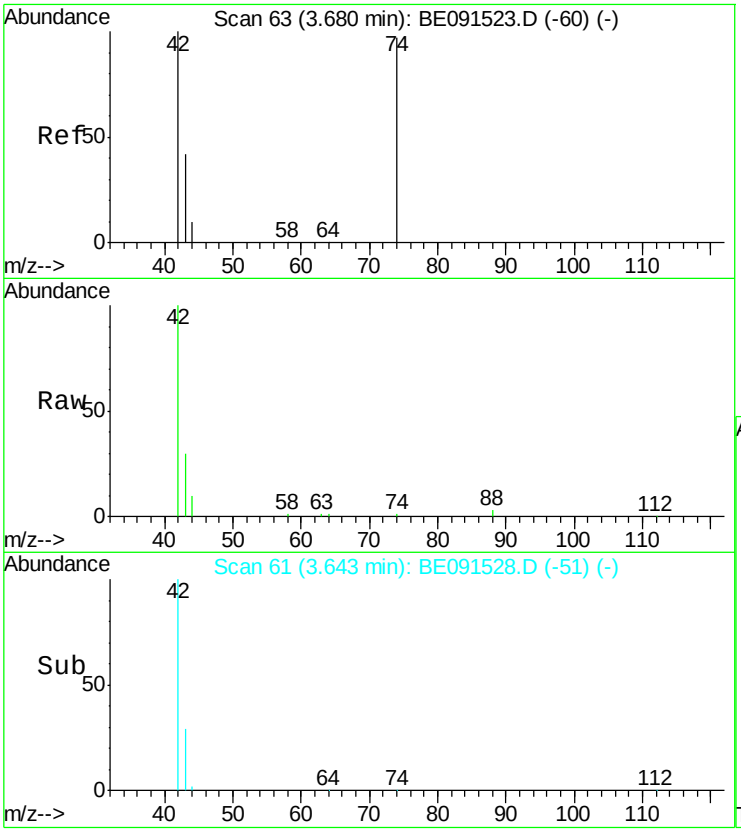


#2
1,4-Dioxane
Concen: 4.45 ng
RT: 3.35 min Scan# 44
Delta R.T. -0.02 min
Lab File: BE091528.D
Acq: 25 Mar 2016 17:12

Tgt Ion: 88 Resp: 22065

Ion	Ratio	Lower	Upper
88	100		
58	85.7	61.0	91.6
43	36.8	25.4	38.2



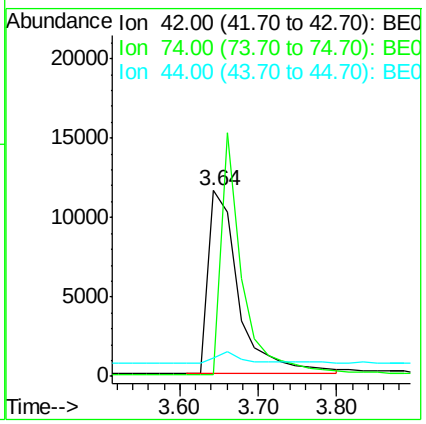


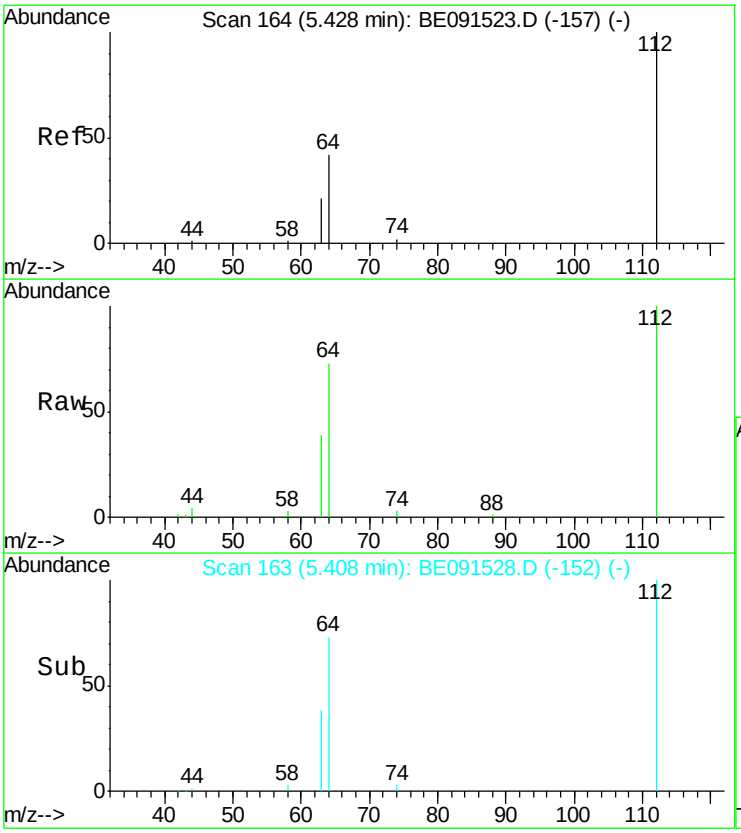
#3
n-Nitrosodimethylamine
Concen: 4.39 ng
RT: 3.64 min Scan# 61
Delta R.T. -0.03 min
Lab File: BE091528.D
Acq: 25 Mar 2016 17:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion: 42 Resp: 30950

Ion	Ratio	Lower	Upper
42	100		
74	92.0	84.3	126.5
44	6.1	6.7	10.1#

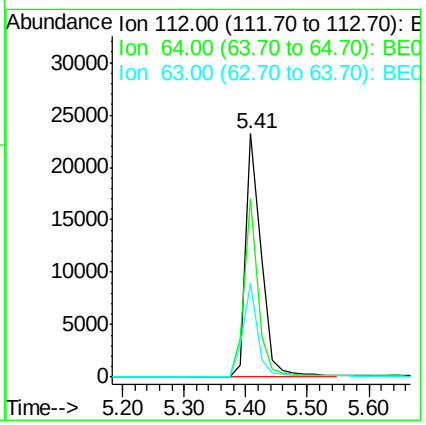


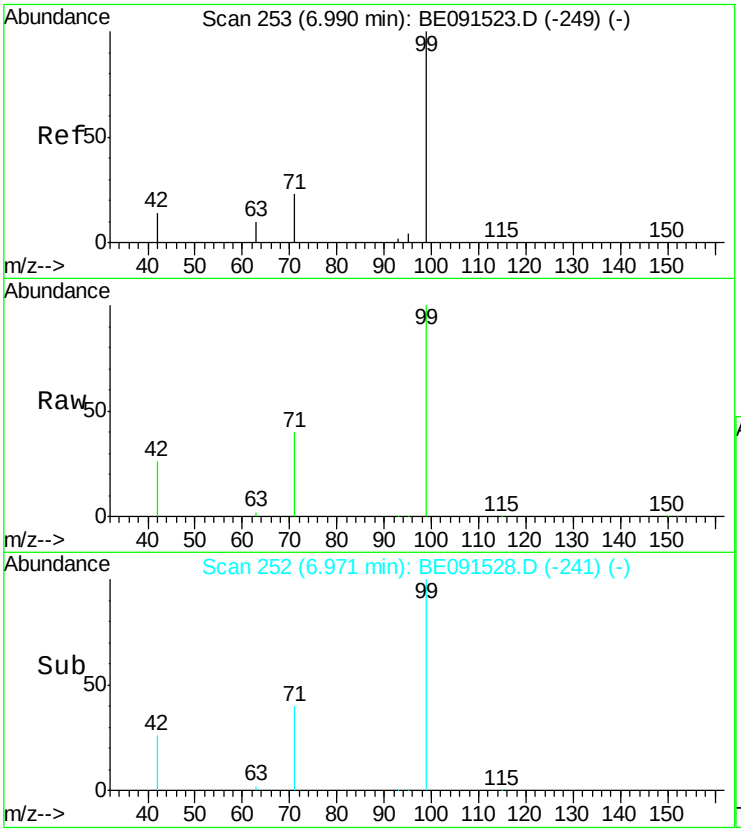


#4
2-Fluorophenol
Concen: 4.40 ng
RT: 5.41 min Scan# 163
Delta R.T. -0.02 min
Lab File: BE091528.D
Acq: 25 Mar 2016 17:12

Tgt Ion:112 Resp: 40106

Ion	Ratio	Lower	Upper
112	100		
64	67.2	53.3	79.9
63	37.4	29.8	44.8



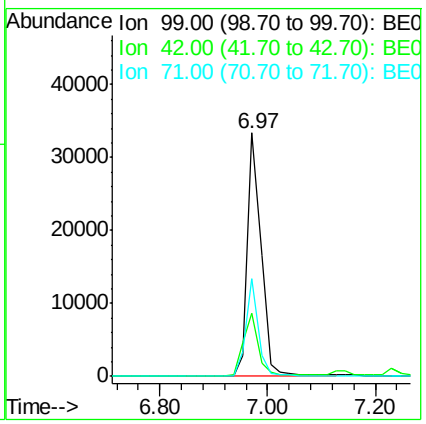


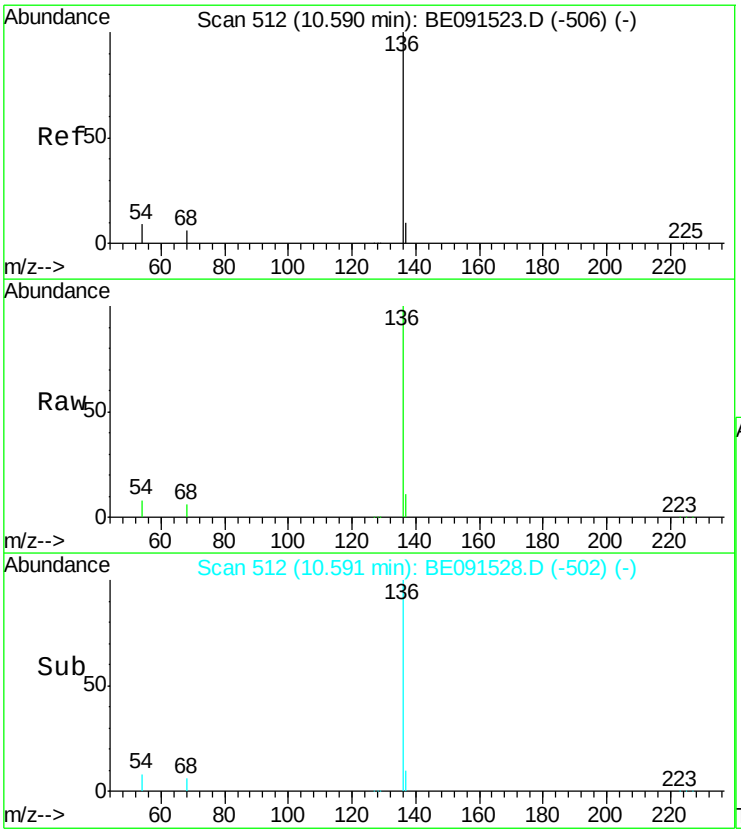
#5
Phenol-d6
Concen: 4.87 ng
RT: 6.97 min Scan# 252
Delta R.T. -0.02 min
Lab File: BE091528.D
Acq: 25 Mar 2016 17:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 57916

Ion	Ratio	Lower	Upper
99	100		
42	28.0	20.6	30.8
71	36.6	29.0	43.4

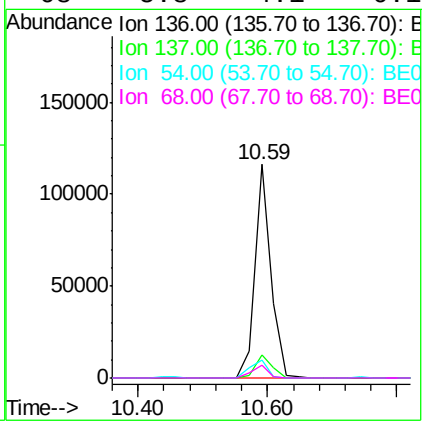


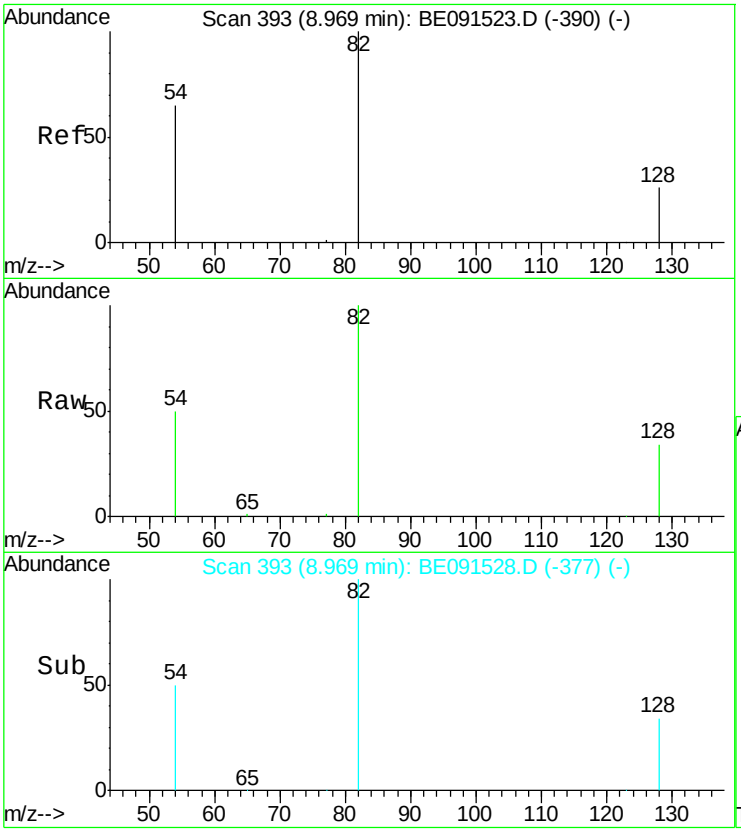


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.59 min Scan# 512
Delta R.T. -0.00 min
Lab File: BE091528.D
Acq: 25 Mar 2016 17:12

Tgt Ion:136 Resp: 200598

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	8.2	5.2	7.8#
68	5.8	4.1	6.1



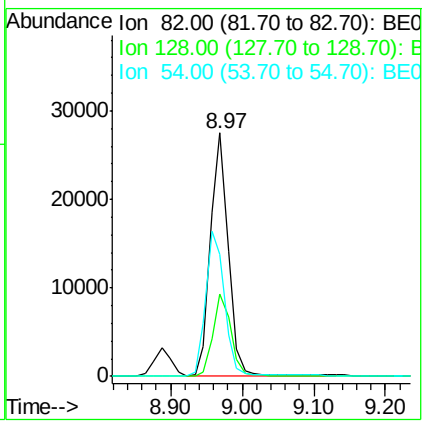


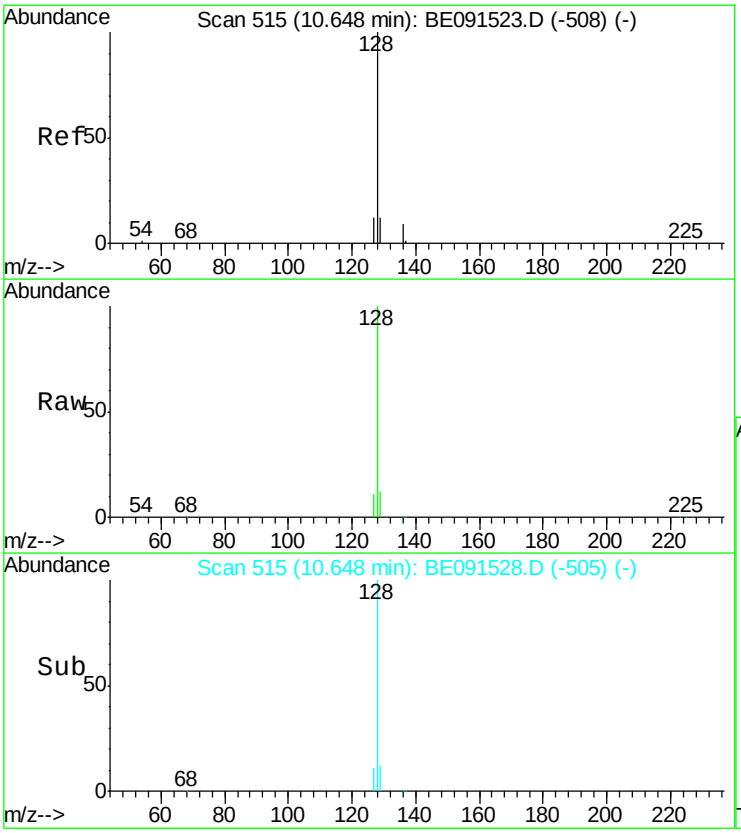
#7
Nitrobenzene-d5
Concen: 5.23 ng
RT: 8.97 min Scan# 393
Delta R.T. -0.01 min
Lab File: BE091528.D
Acq: 25 Mar 2016 17:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 47038

Ion	Ratio	Lower	Upper
82	100		
128	34.1	23.5	35.3
54	50.3	52.4	78.6#

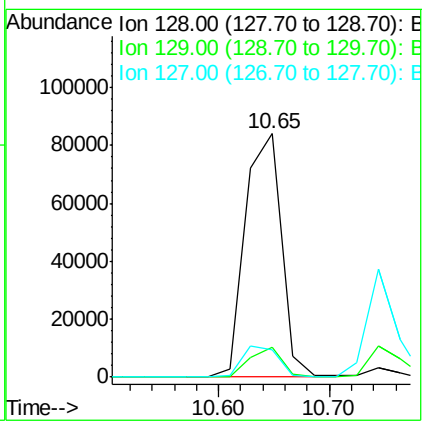


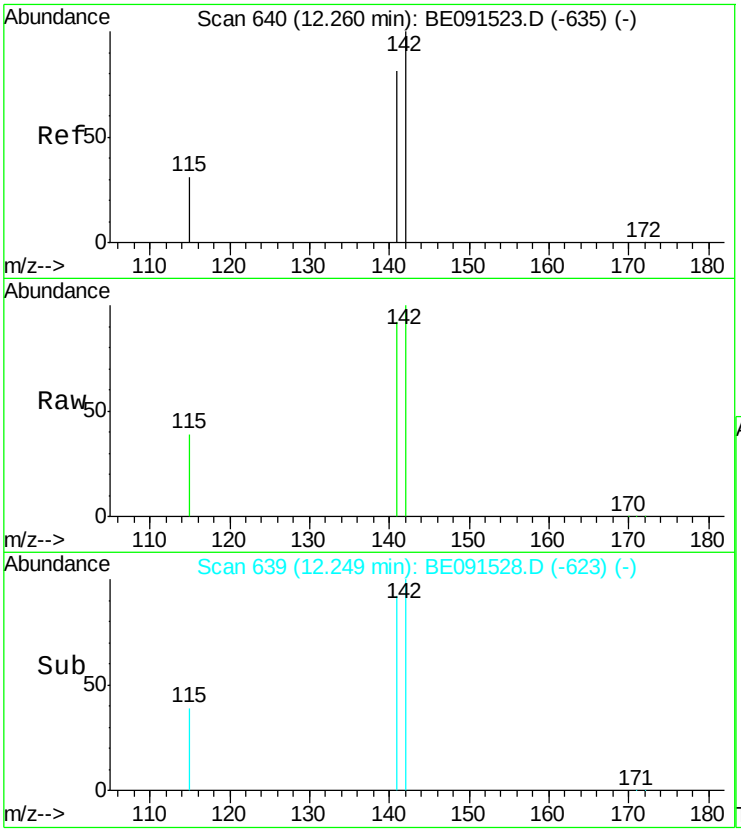


#8
Naphthalene
Concen: 3.93 ng
RT: 10.65 min Scan# 515
Delta R.T. -0.00 min
Lab File: BE091528.D
Acq: 25 Mar 2016 17:12

Tgt Ion:128 Resp: 192697

Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.2	12.2
127	11.3	11.8	17.8#



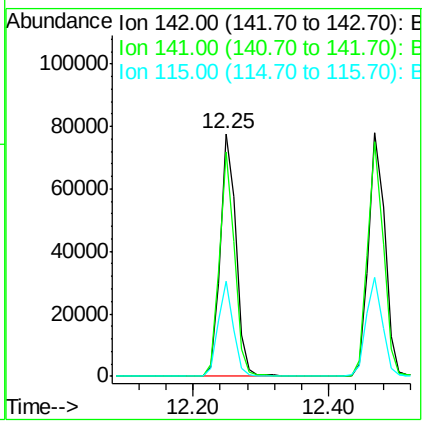


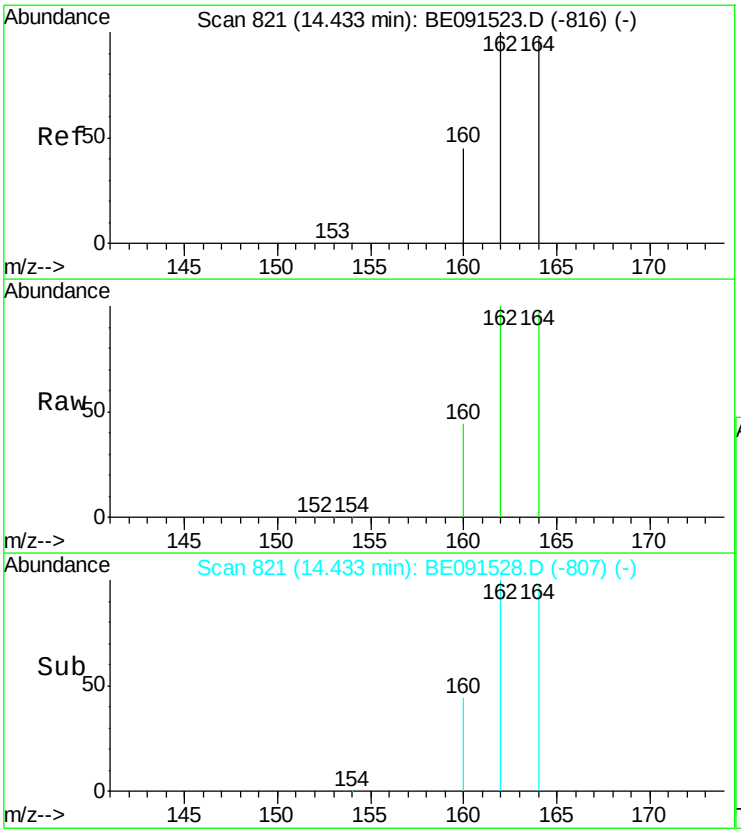
#9
2-Methylnaphthalene
Concen: 4.07 ng
RT: 12.25 min Scan# 639
Delta R.T. -0.01 min
Lab File: BE091528.D
Acq: 25 Mar 2016 17:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 128171

Ion	Ratio	Lower	Upper
142	100		
141	92.3	66.9	100.3
115	39.0	25.1	37.7#

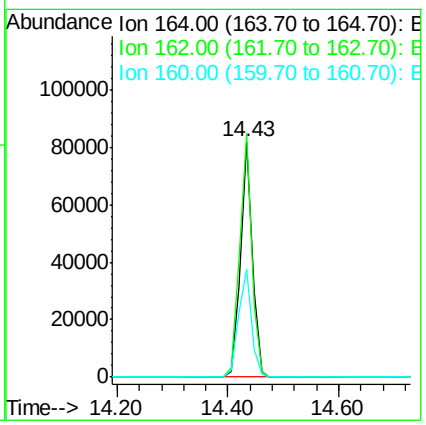


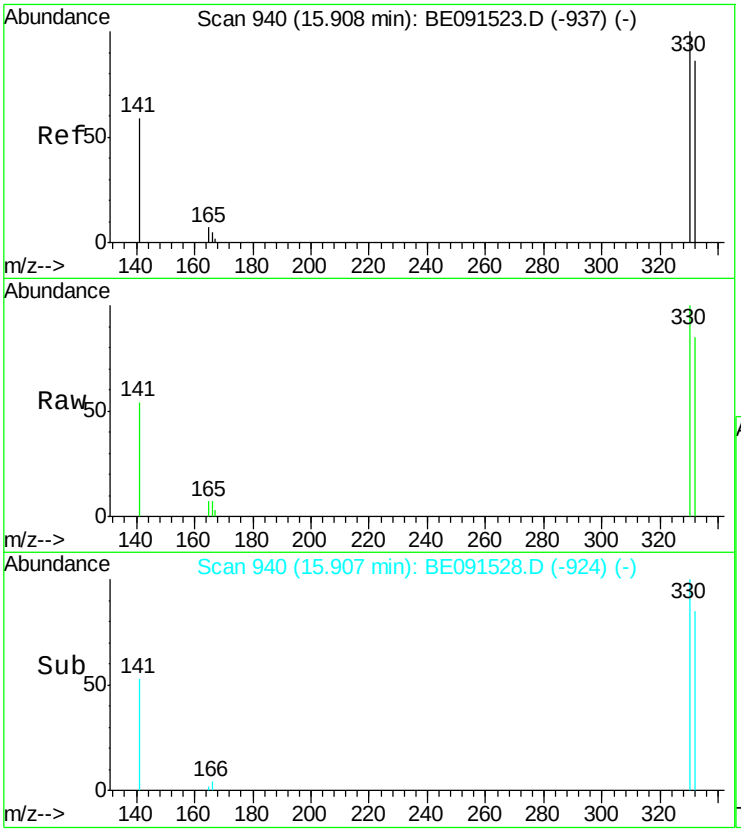


#10
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.43 min Scan# 821
Delta R.T. -0.01 min
Lab File: BE091528.D
Acq: 25 Mar 2016 17:12

Tgt Ion:164 Resp: 118860

Ion	Ratio	Lower	Upper
164	100		
162	103.5	84.4	126.6
160	45.9	37.7	56.5



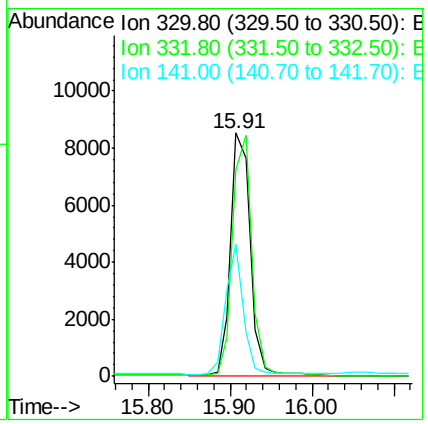


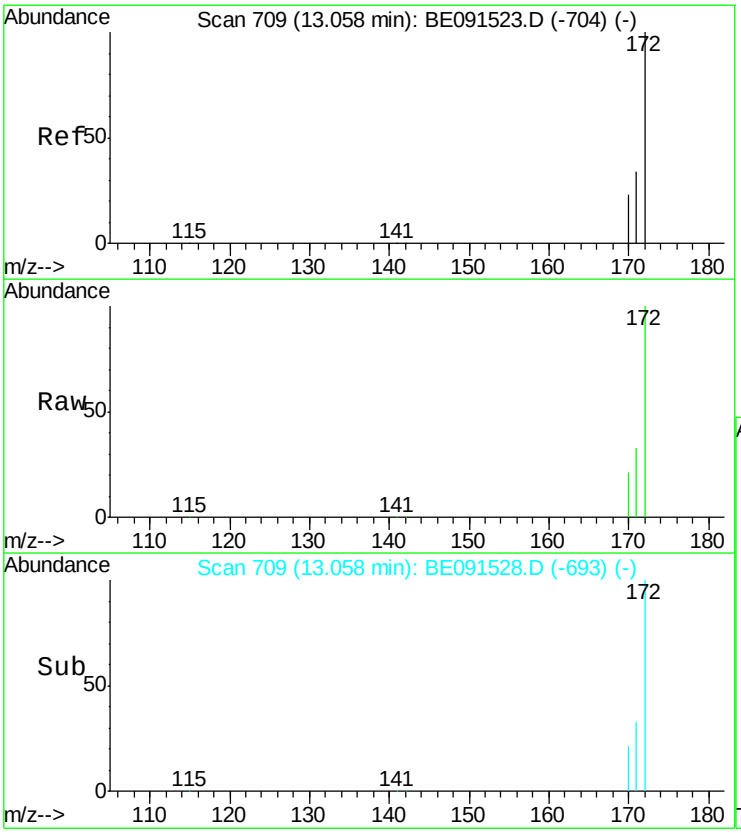
#11
2,4,6-Tribromophenol
Concen: 4.83 ng
RT: 15.91 min Scan# 940
Delta R.T. -0.01 min
Lab File: BE091528.D
Acq: 25 Mar 2016 17:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:330 Resp: 16333

Ion	Ratio	Lower	Upper
330	100		
332	97.5	79.2	118.8
141	41.6	28.1	42.1

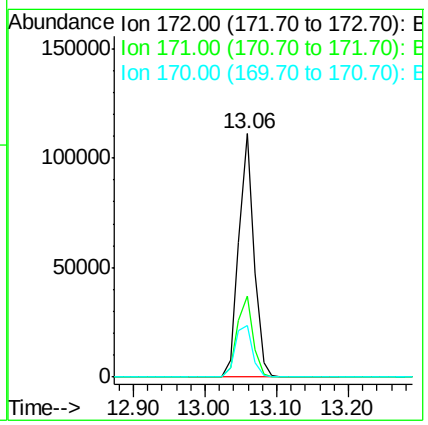


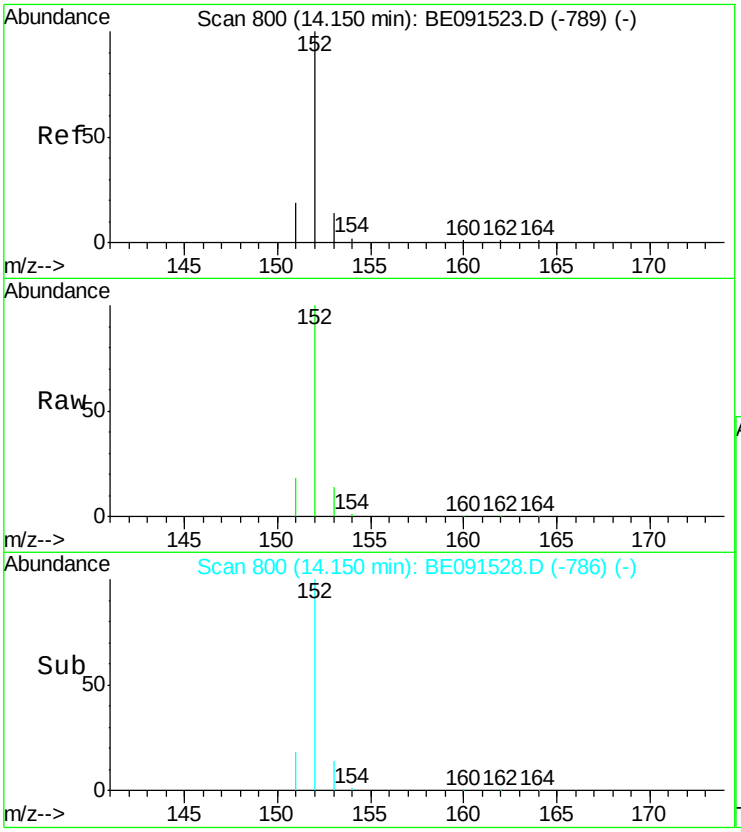


#12
2-Fluorobiphenyl
Concen: 5.48 ng
RT: 13.06 min Scan# 709
Delta R.T. -0.01 min
Lab File: BE091528.D
Acq: 25 Mar 2016 17:12

Tgt Ion:172 Resp: 163894

Ion	Ratio	Lower	Upper
172	100		
171	33.1	29.8	44.8
170	21.2	21.4	32.2#



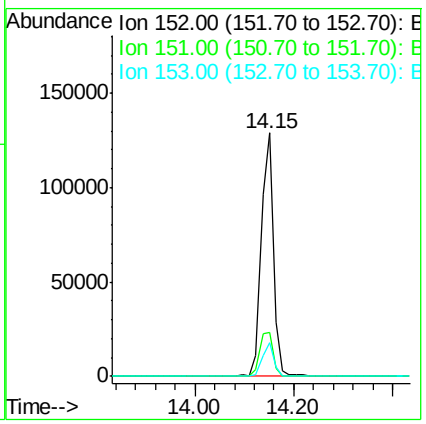


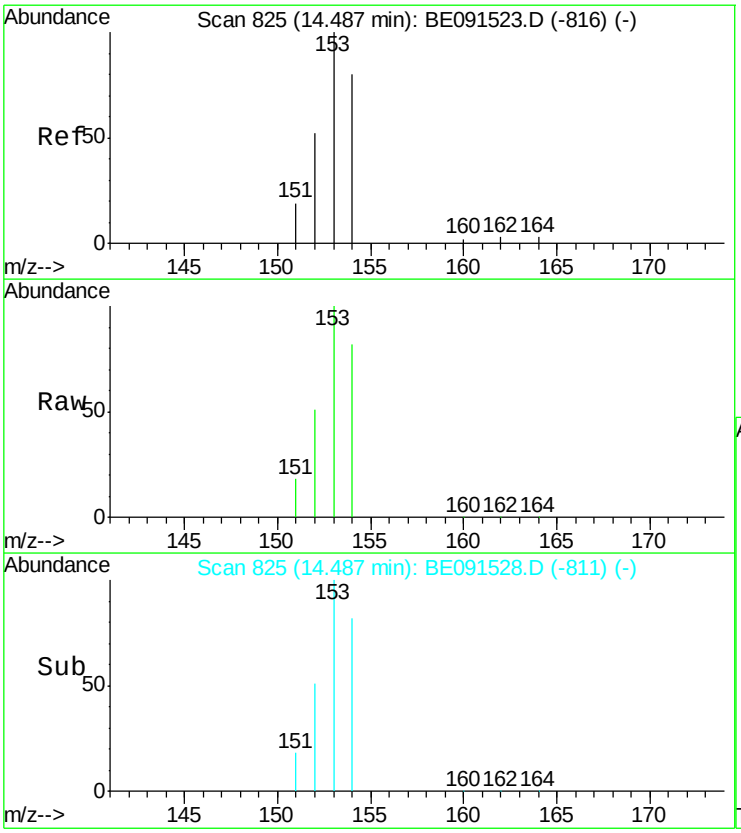
#13
Acenaphthylene
Concen: 4.67 ng
RT: 14.15 min Scan# 800
Delta R.T. 0.00 min
Lab File: BE091528.D
Acq: 25 Mar 2016 17:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 236846

Ion	Ratio	Lower	Upper
152	100		
151	18.5	16.3	24.5
153	13.5	11.1	16.7

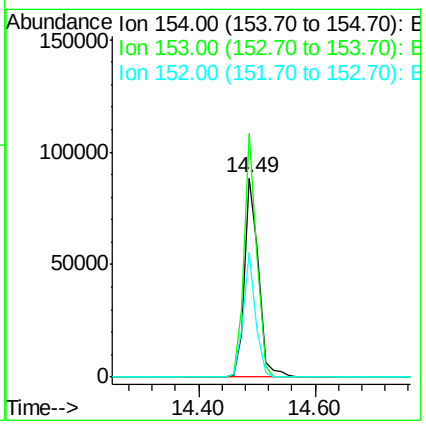


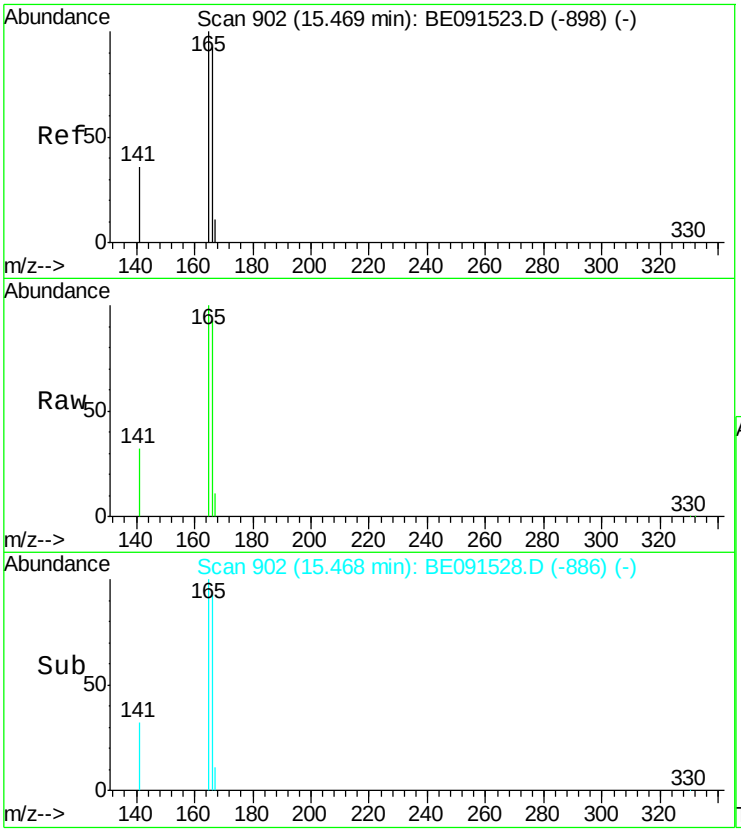


#14
Acenaphthene
Concen: 3.97 ng
RT: 14.49 min Scan# 825
Delta R.T. -0.01 min
Lab File: BE091528.D
Acq: 25 Mar 2016 17:12

Tgt Ion:154 Resp: 145419

Ion	Ratio	Lower	Upper
154	100		
153	111.1	87.3	130.9
152	55.8	42.9	64.3



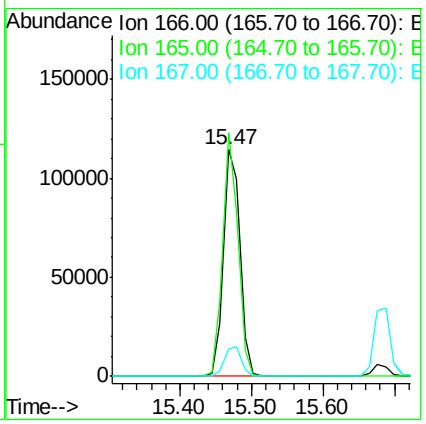


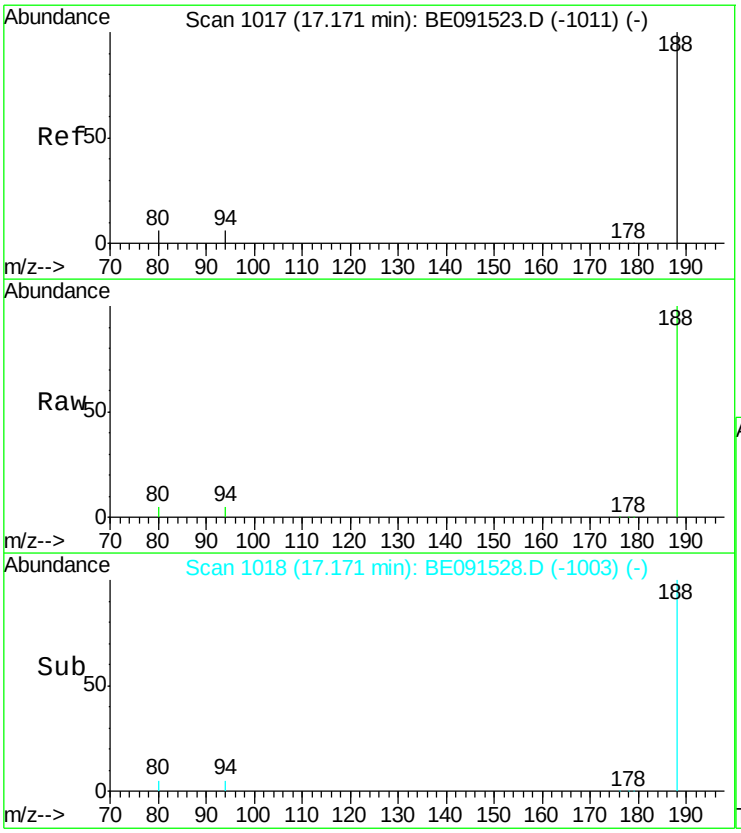
#15
Fluorene
Concen: 3.96 ng
RT: 15.47 min Scan# 902
Delta R.T. -0.01 min
Lab File: BE091528.D
Acq: 25 Mar 2016 17:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:166 Resp: 183623

Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.2	118.8
167	13.6	10.8	16.2

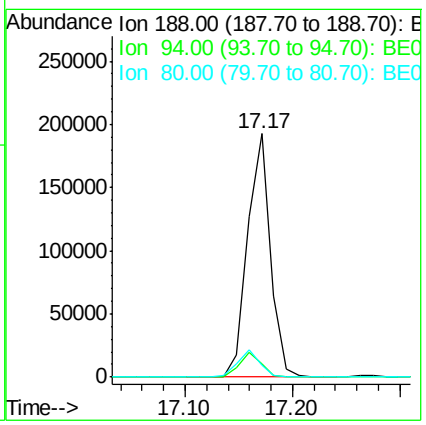


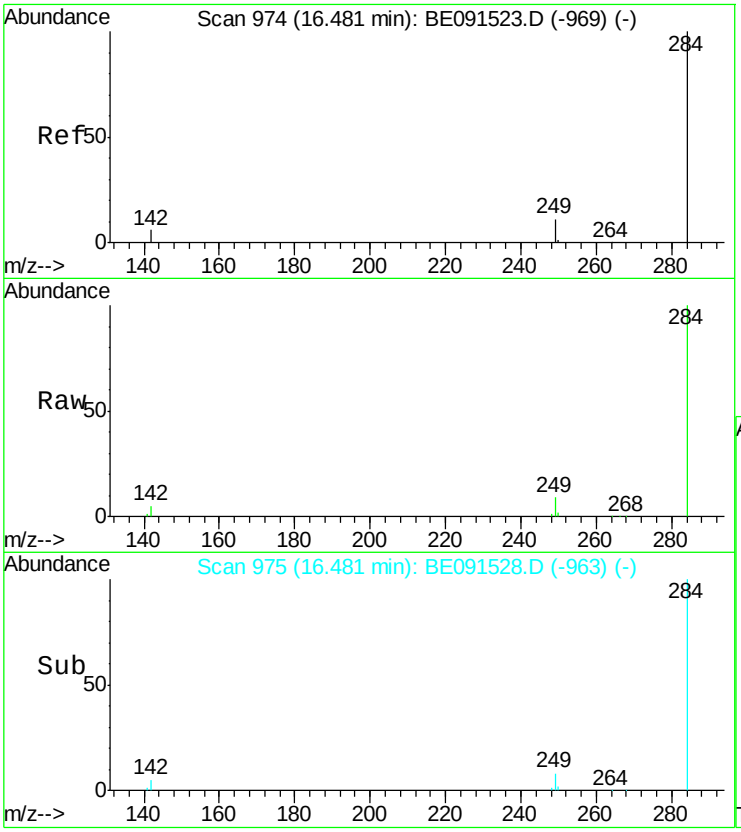


#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.17 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BE091528.D
Acq: 25 Mar 2016 17:12

Tgt Ion:188 Resp: 284422

Ion	Ratio	Lower	Upper
188	100		
94	5.5	5.4	8.2
80	4.9	5.0	7.4#



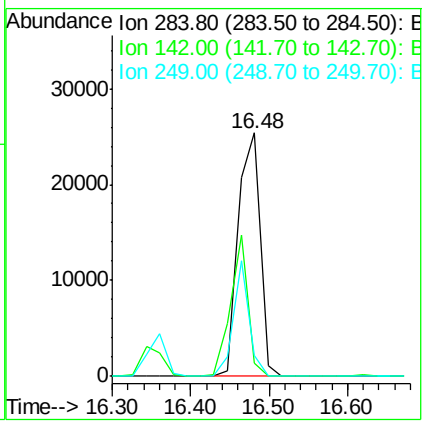


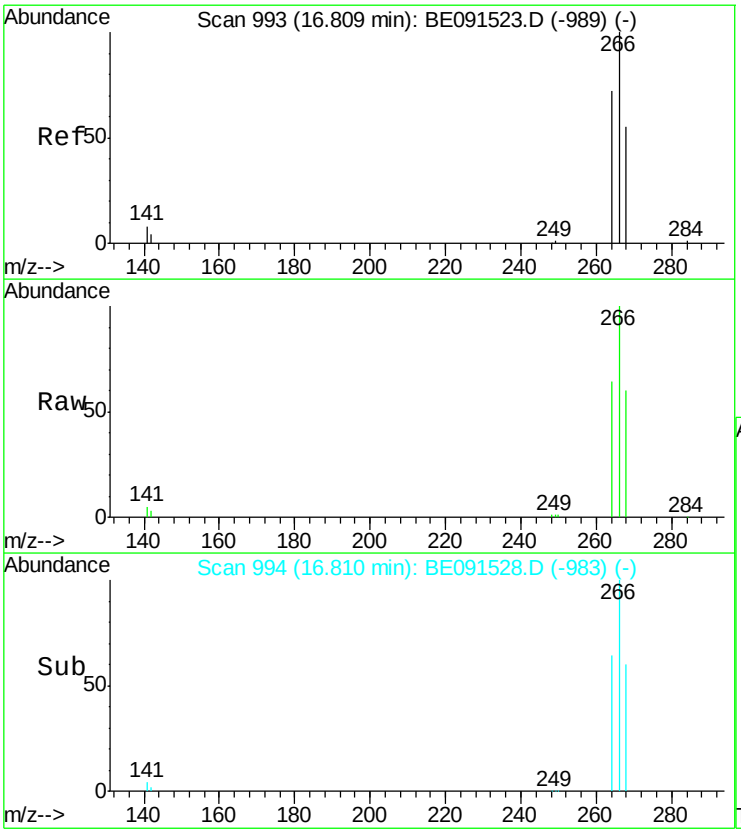
#17
Hexachlorobenzene
Concen: 4.00 ng
RT: 16.48 min Scan# 975
Delta R.T. -0.00 min
Lab File: BE091528.D
Acq: 25 Mar 2016 17:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:284 Resp: 49561

Ion	Ratio	Lower	Upper
284	100		
142	44.9	31.0	46.4
249	34.0	25.8	38.8

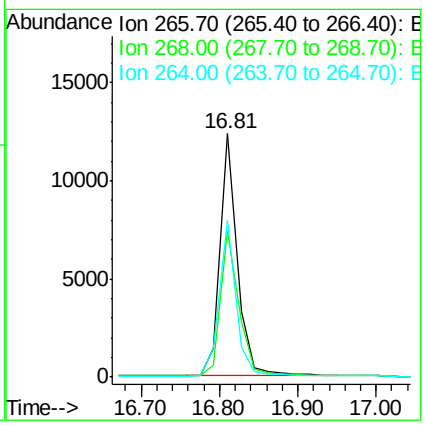


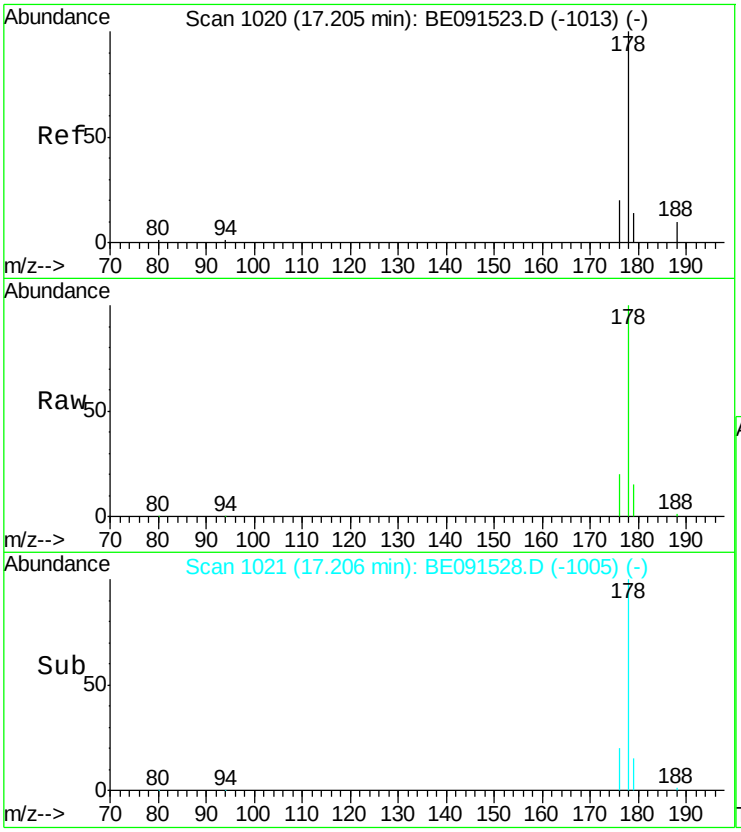


#18
Pentachlorophenol
Concen: 3.83 ng
RT: 16.81 min Scan# 994
Delta R.T. -0.02 min
Lab File: BE091528.D
Acq: 25 Mar 2016 17:12

Tgt Ion:266 Resp: 18811

Ion	Ratio	Lower	Upper
266	100		
268	60.1	48.2	72.2
264	64.2	52.1	78.1



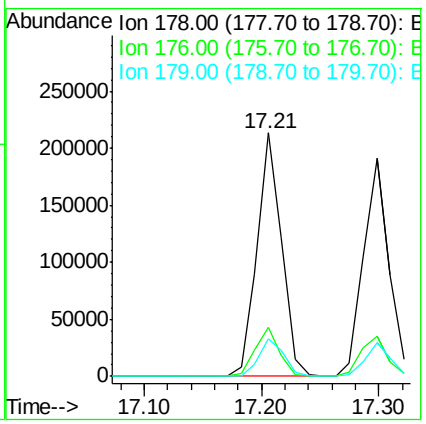


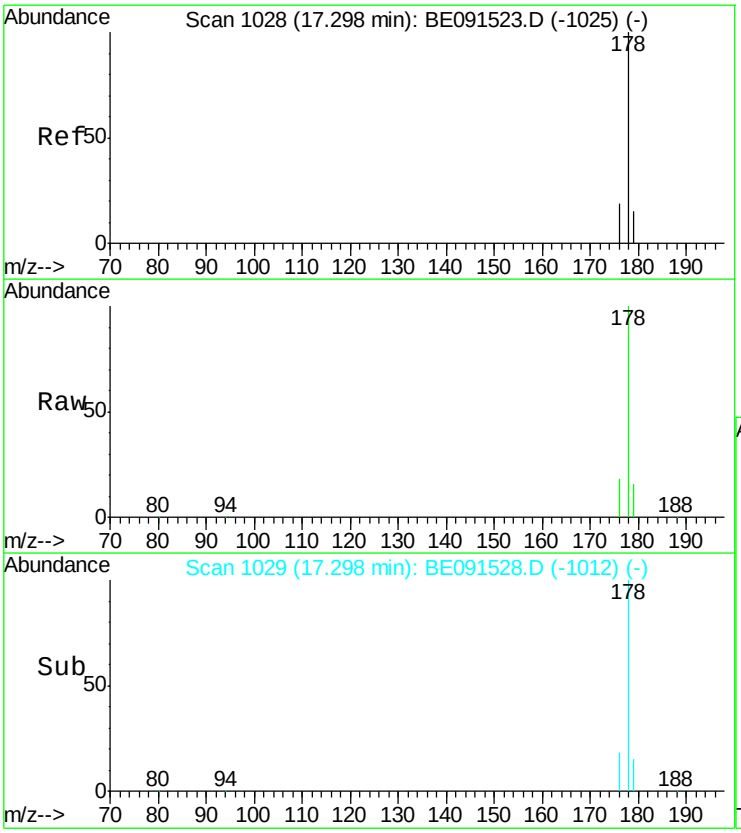
#19
Phenanthrene
Concen: 3.85 ng
RT: 17.21 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE091528.D
Acq: 25 Mar 2016 17:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 312622

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.6	13.1	19.7

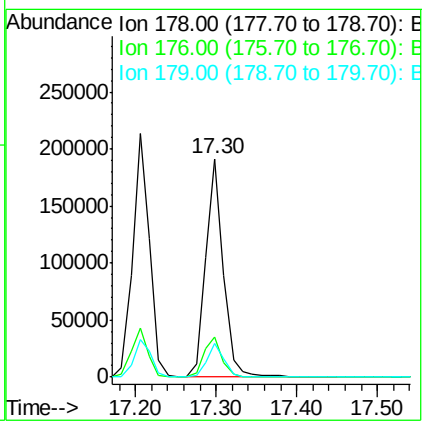


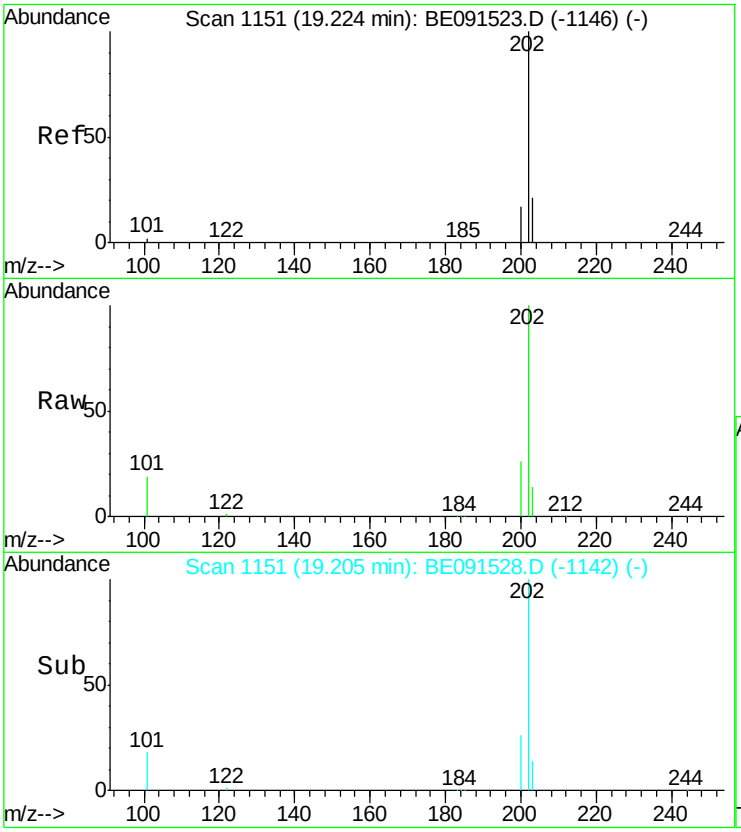


#20
Anthracene
Concen: 4.09 ng
RT: 17.30 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BE091528.D
Acq: 25 Mar 2016 17:12

Tgt Ion:178 Resp: 291714

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.9	22.3
179	15.4	12.2	18.4



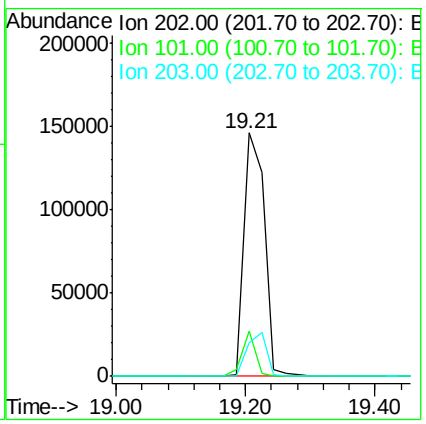


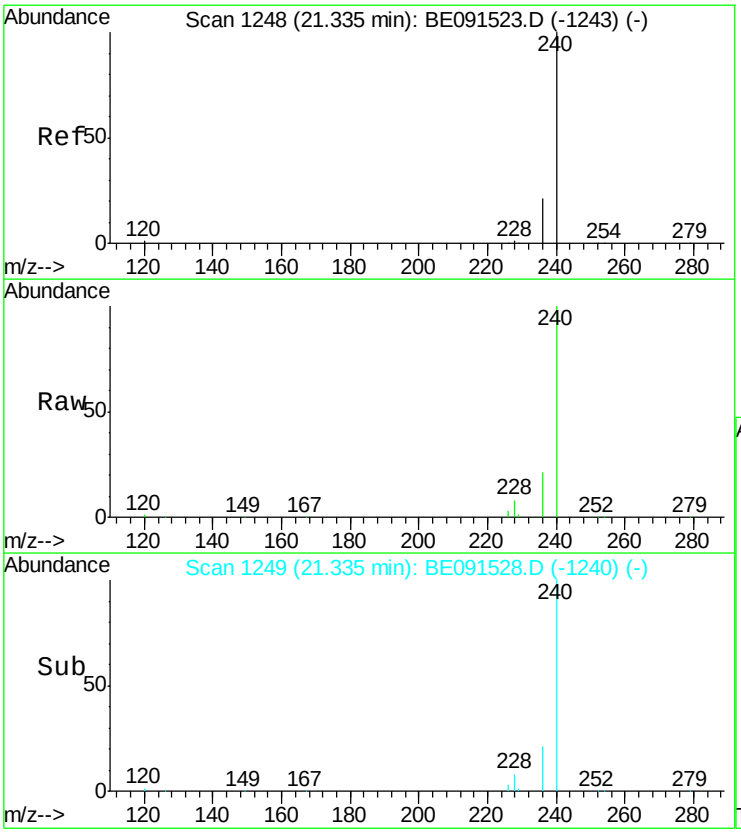
#21
Fluoranthene
Concen: 3.43 ng
RT: 19.21 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BE091528.D
Acq: 25 Mar 2016 17:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:202 Resp: 319245

Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.3	12.5
203	17.5	13.9	20.9

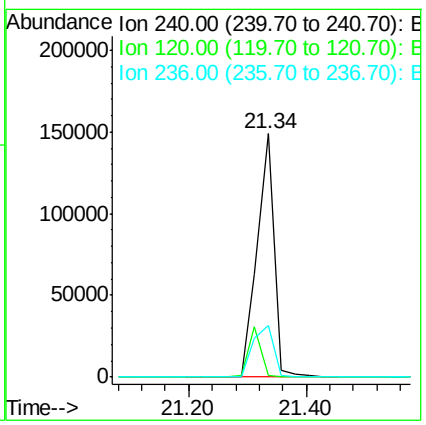


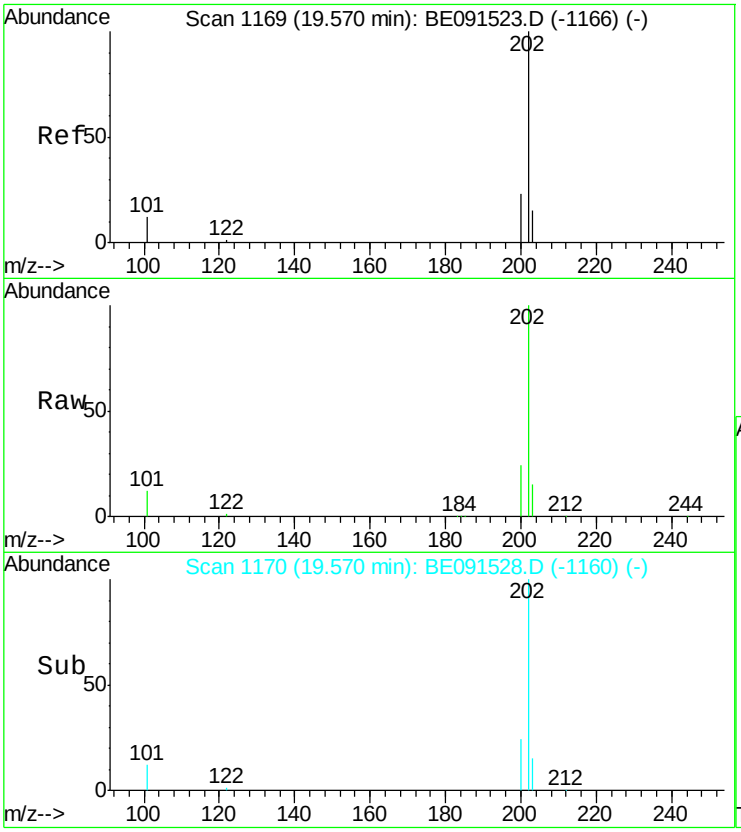


#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.34 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BE091528.D
Acq: 25 Mar 2016 17:12

Tgt Ion:240 Resp: 303168

Ion	Ratio	Lower	Upper
240	100		
120	0.9	4.0	6.0#
236	21.3	23.0	34.4#



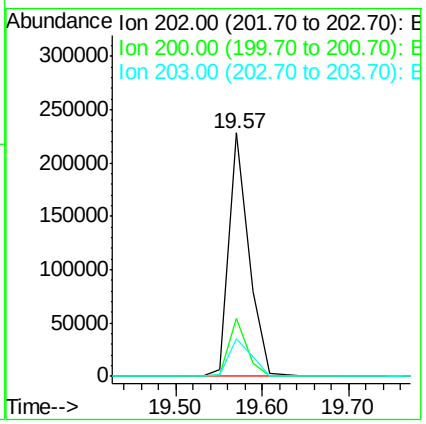


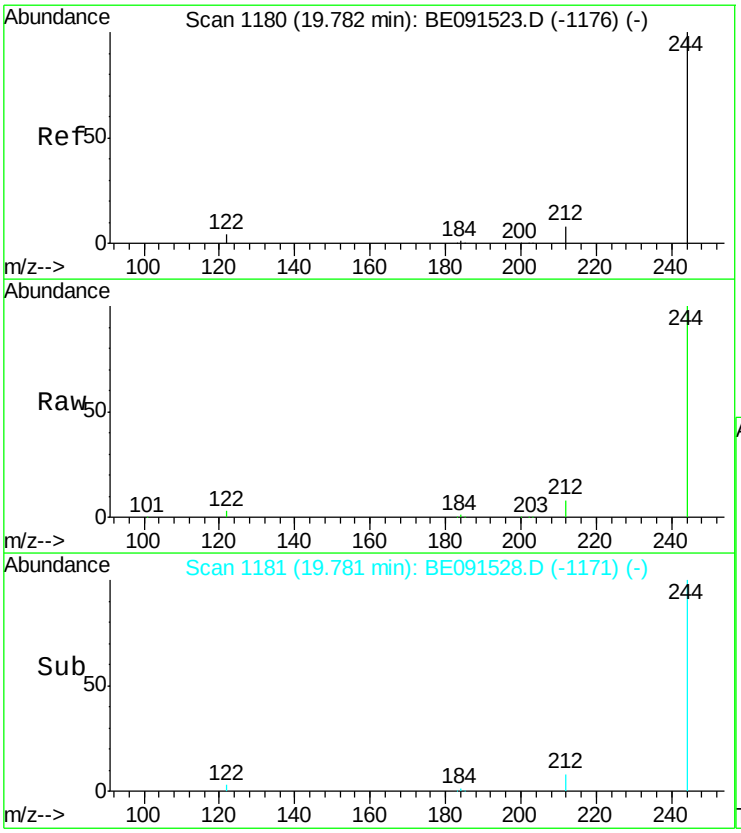
#23
Pyrene
Concen: 4.86 ng
RT: 19.57 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BE091528.D
Acq: 25 Mar 2016 17:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:202 Resp: 366782

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.4	24.6
203	17.3	14.6	21.8

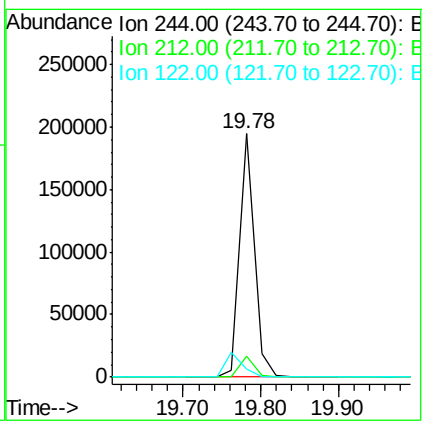


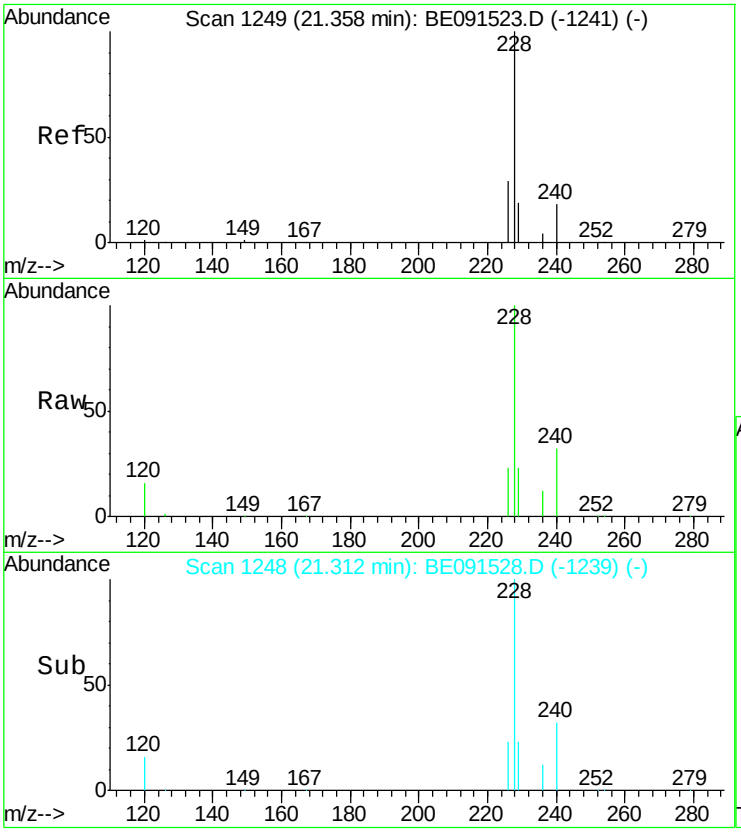


#24
Terphenyl-d14
Concen: 7.00 ng
RT: 19.78 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BE091528.D
Acq: 25 Mar 2016 17:12

Tgt Ion:244 Resp: 255083

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	3.1	1.8	2.8#



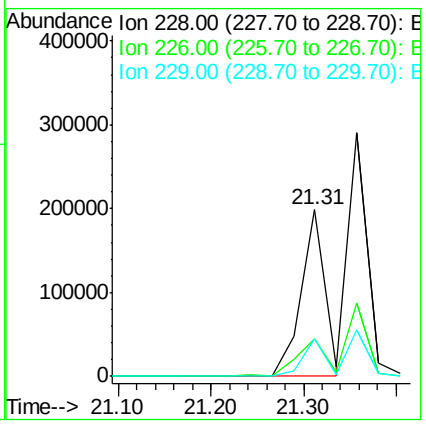


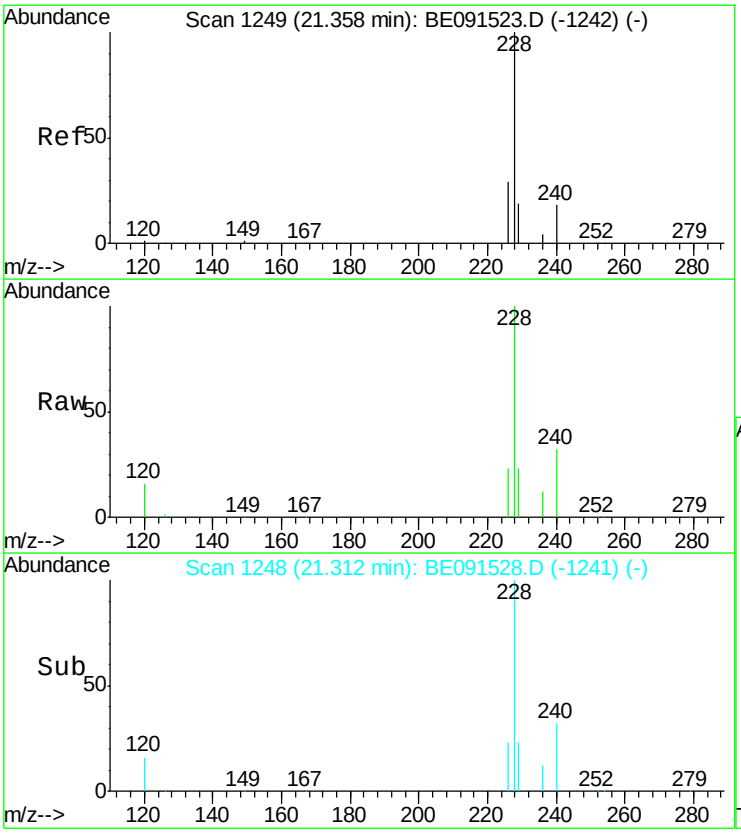
#25
Benzo(a)anthracene
Concen: 4.27 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE091528.D
Acq: 25 Mar 2016 17:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 356019

Ion	Ratio	Lower	Upper
228	100		
226	22.6	24.0	36.0#
229	22.9	13.8	20.6#

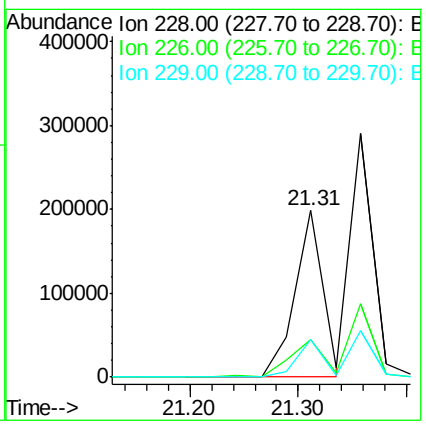


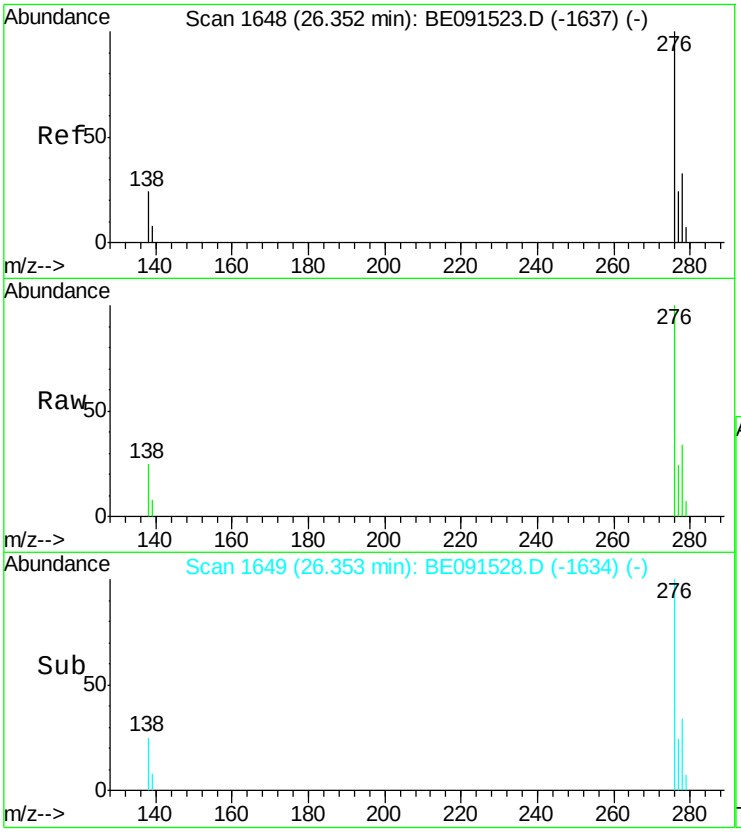


#26
Chrysene
Concen: 4.18 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.05 min
Lab File: BE091528.D
Acq: 25 Mar 2016 17:12

Tgt Ion:228 Resp: 356016

Ion	Ratio	Lower	Upper
228	100		
226	22.6	18.9	28.3
229	22.9	19.1	28.7



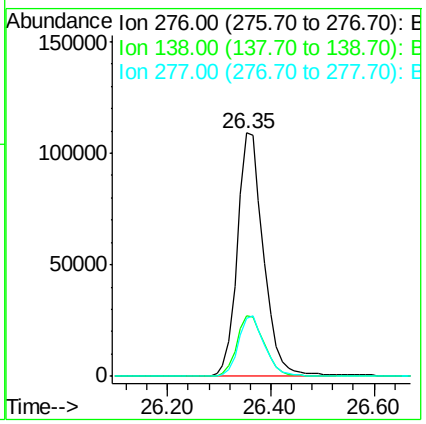


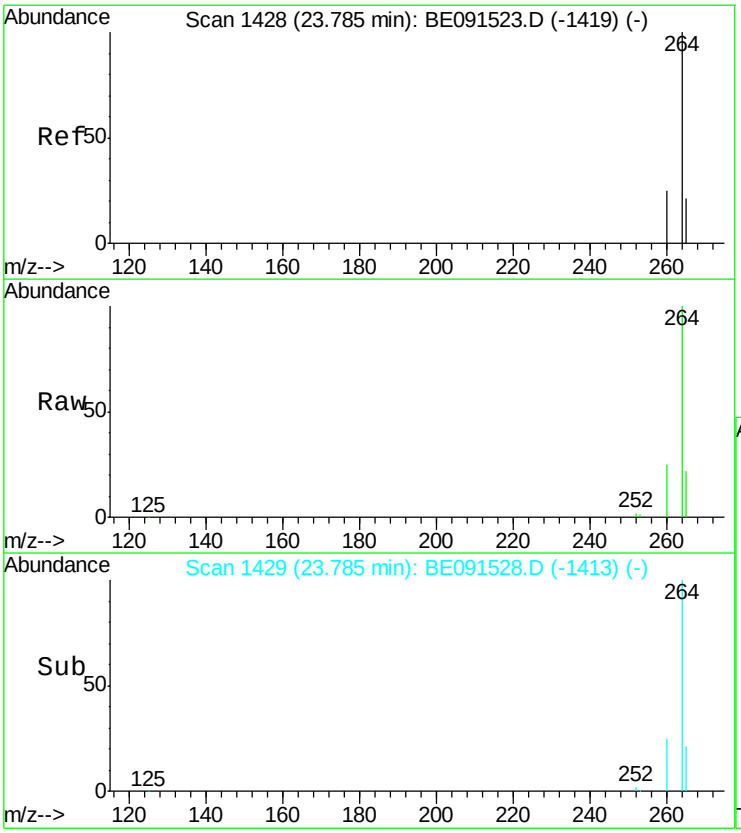
#27
Indeno(1,2,3-cd)pyrene
Concen: 4.41 ng
RT: 26.35 min Scan# 1649
Delta R.T. -0.02 min
Lab File: BE091528.D
Acq: 25 Mar 2016 17:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 383261

Ion	Ratio	Lower	Upper
276	100		
138	26.4	20.2	30.4
277	24.9	19.8	29.8

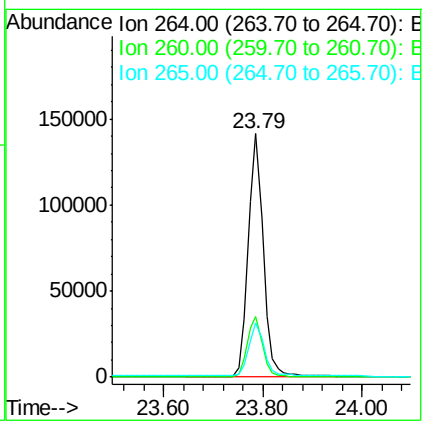


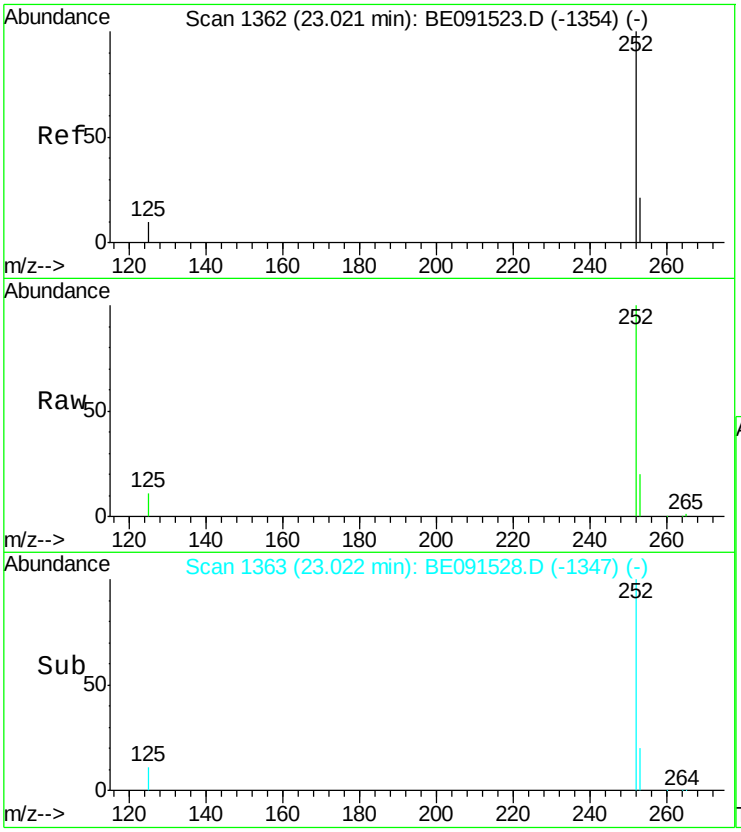


#28
Perylene-d12
Concen: 5.00 ng
RT: 23.79 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BE091528.D
Acq: 25 Mar 2016 17:12

Tgt Ion:264 Resp: 303522

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	22.1	18.3	27.5



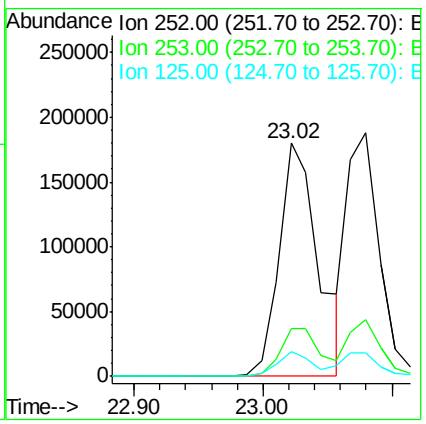


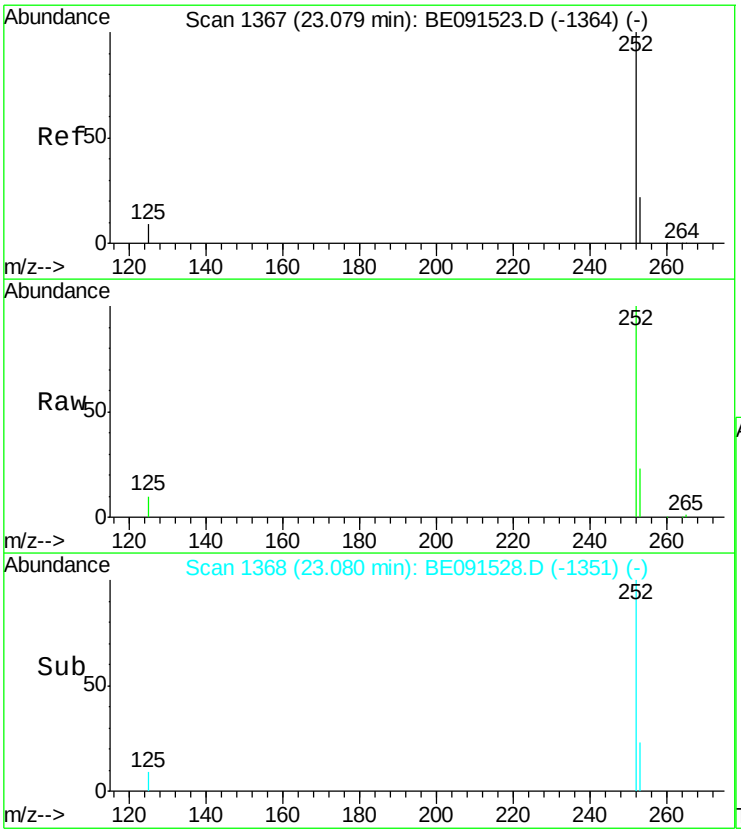
#29
Benzo(b)fluoranthene
Concen: 3.98 ng
RT: 23.02 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BE091528.D
Acq: 25 Mar 2016 17:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 381378

Ion	Ratio	Lower	Upper
252	100		
253	20.4	18.7	28.1
125	10.8	9.8	14.6

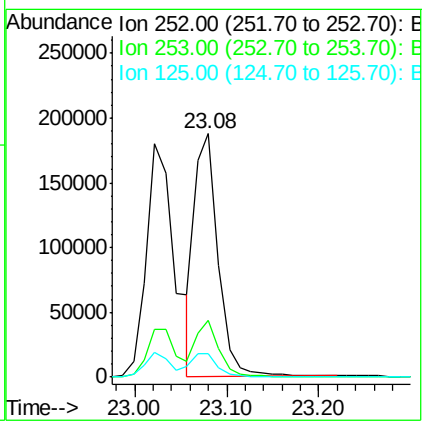


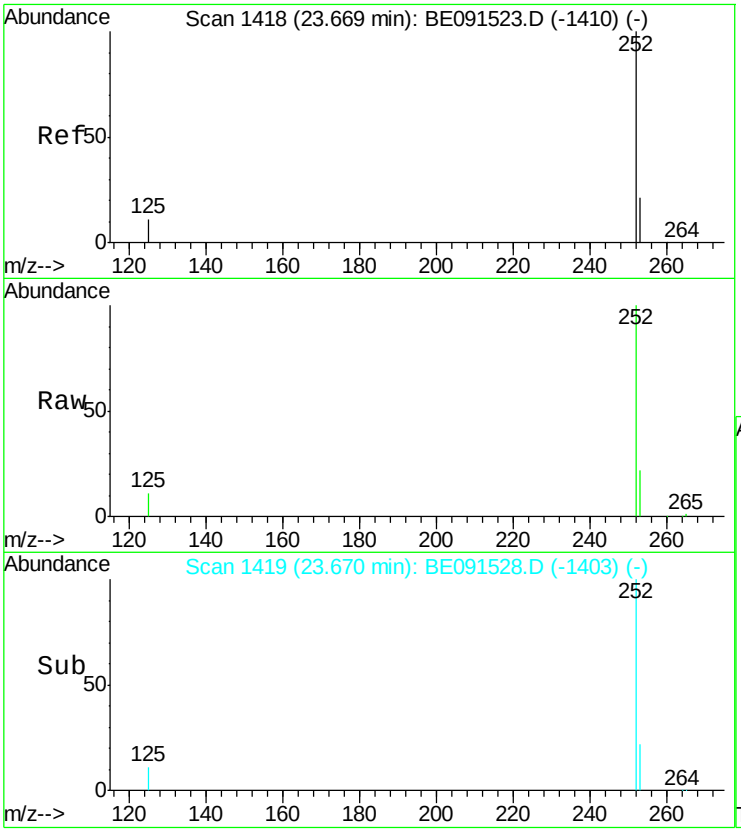


#30
Benzo(k)fluoranthene
Concen: 3.37 ng
RT: 23.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE091528.D
Acq: 25 Mar 2016 17:12

Tgt Ion:252 Resp: 330410

Ion	Ratio	Lower	Upper
252	100		
253	23.1	20.2	30.4
125	9.6	9.4	14.2



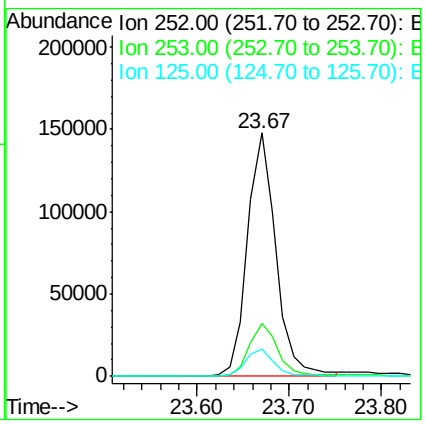


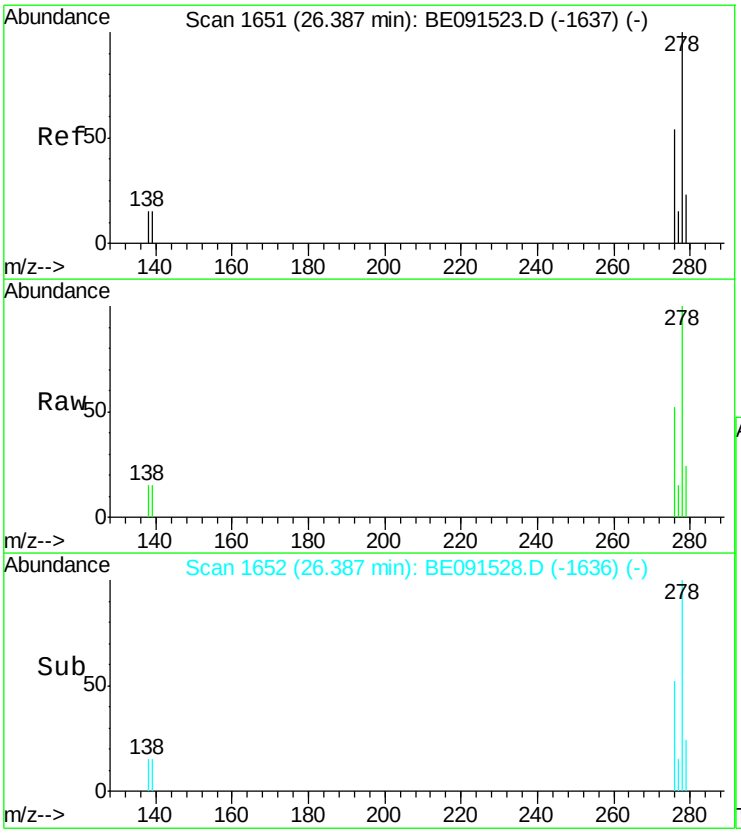
#31
Benzo(a)pyrene
Concen: 3.72 ng
RT: 23.67 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BE091528.D
Acq: 25 Mar 2016 17:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 314591

Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.4	29.0
125	11.1	11.4	17.2#

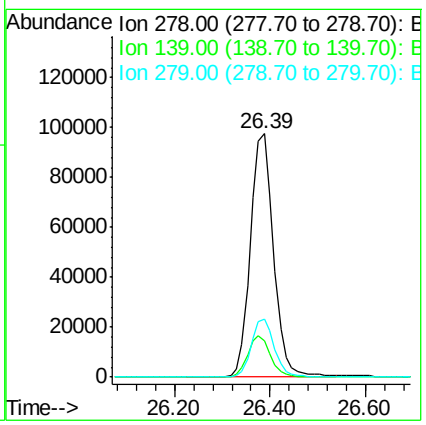


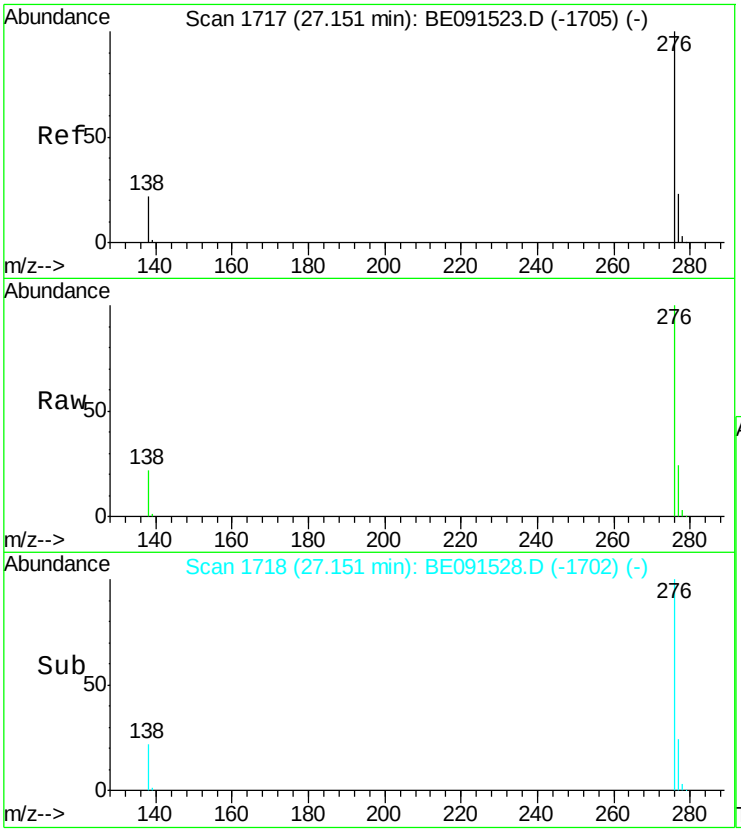


#32
Dibenzo(a,h)anthracene
Concen: 3.95 ng
RT: 26.39 min Scan# 1652
Delta R.T. -0.01 min
Lab File: BE091528.D
Acq: 25 Mar 2016 17:12

Tgt Ion:278 Resp: 328927

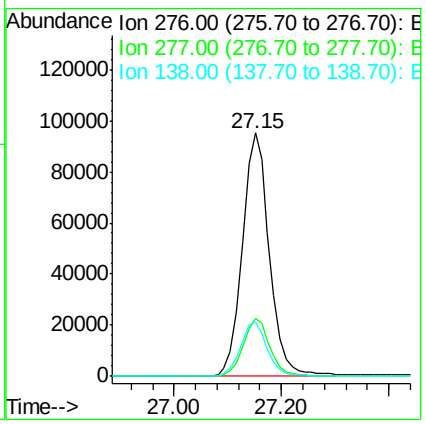
Ion	Ratio	Lower	Upper
278	100		
139	15.0	14.2	21.4
279	24.0	19.6	29.4





#33
Benzo(g,h,i)perylene
Concen: 3.80 ng
RT: 27.15 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BE091528.D
Acq: 25 Mar 2016 17:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 329038

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.2
138	22.1	18.2	27.4