Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051816\
Data File : BE091796.D
Acq On : 18 May 2016 19:44
Operator : UM/SJ
Sample : H3065-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SS043MW009-160511

Quant Time: May 19 00:39:02 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 16:09:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	34945	5.00	ng		-0.02
7) Naphthalene-d8	10.57	136	184725	5.00	ng		0.00
13) Acenaphthene-d10	14.40	164	120283	5.00	ng		-0.01
19) Phenanthrene-d10	17.14	188	270980	5.00	ng		-0.01
26) Chrysene-d12	21.29	240	278421	5.00	ng		-0.02
35) Perylene-d12	23.74	264	290154	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	23238	2.71	ng		0.00
5) Phenol-d6	6.99	99	23838	2.09	ng		0.03
8) Nitrobenzene-d5	8.93	82	43258	3.63	ng		-0.01
14) 2,4,6-Tribromophenol	15.88	330	38318	8.55	ng		-0.01
15) 2-Fluorobiphenyl	13.02	172	119964	3.53	ng		-0.01
29) Terphenyl-d14	19.74	244	187839	4.33	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	3013	0.65	ng	#	33
3) n-Nitrosodimethylamine	3.63	42	291	0.05	ng	#	8
6) bis(2-Chloroethyl)ether	7.21	93	15949	1.59	ng	#	43
9) Nitrobenzene	8.97	77	15593	1.25	ng	#	47
10) Naphthalene	10.61	128	33011	0.88	ng	#	61
12) 2-Methylnaphthalene	12.23	142	2293	0.10	ng	#	1
16) Acenaphthylene	14.12	152	11921	0.26	ng	#	47
17) Acenaphthene	14.46	154	3615	0.12	ng	#	82
18) Fluorene	15.44	166	9466	0.25	ng		96
22) Pentachlorophenol	16.79	266	497	0.19	ng		97
23) Phenanthrene	17.17	178	8627	0.14	ng	#	60
24) Anthracene	17.26	178	3877	0.07	ng	#	30
25) Fluoranthene	19.19	202	1345	0.02	ng	#	1
27) Benzidine	19.32	184	710	0.19	ng	#	1
28) Pyrene	19.55	202	7692	0.12	ng	#	76
30) Benzo(a)anthracene	21.29	228	2953	0.04	ng	#	1
31) 3,3'-Dichlorobenzidine	21.15	252	926	0.03	ng	#	1
32) Chrysene	21.29	228	3818	0.05	ng	#	1
33) Bis(2-ethylhexyl)phthalate	21.15	149	11981	0.58	ng	#	57

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051816\
Data File : BE091796.D
Acq On : 18 May 2016 19:44
Operator : UM/SJ
Sample : H3065-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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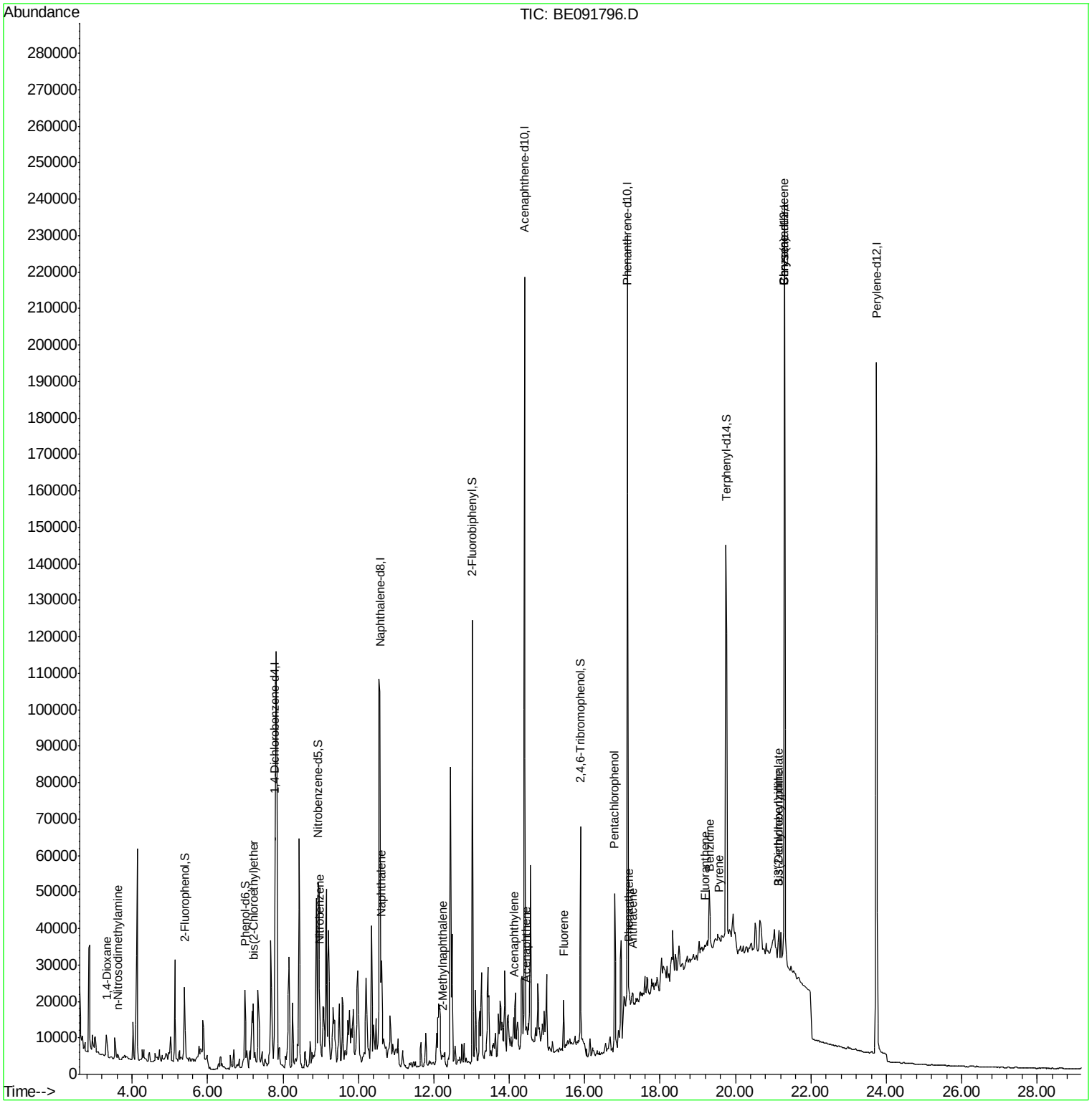
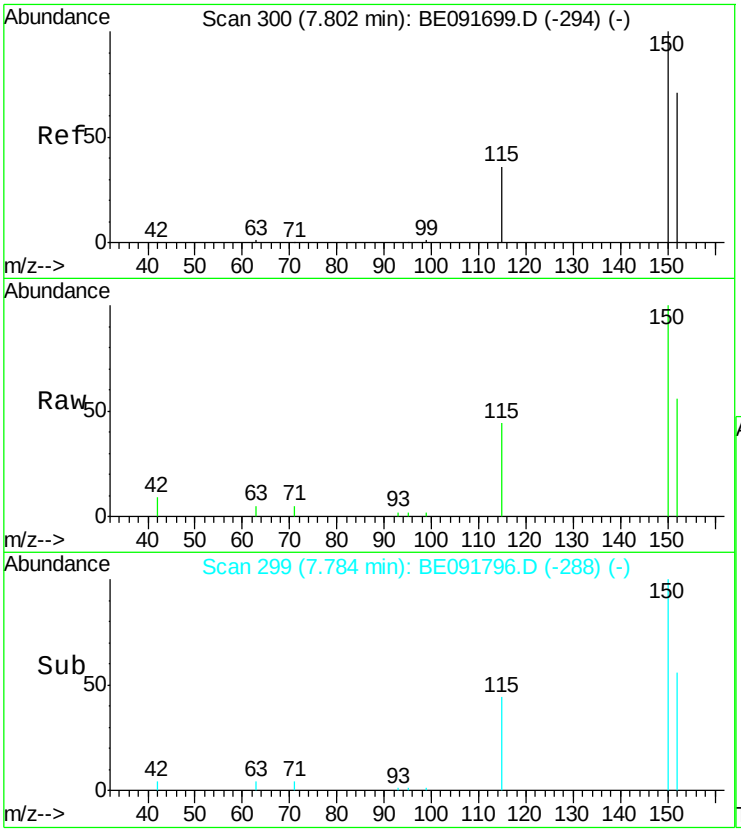
SS043MW009-160511

Quant Time: May 19 00:39:02 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 16:09:46 2016
Response via : Initial Calibration



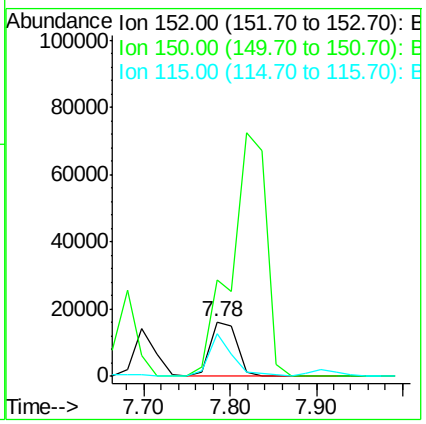


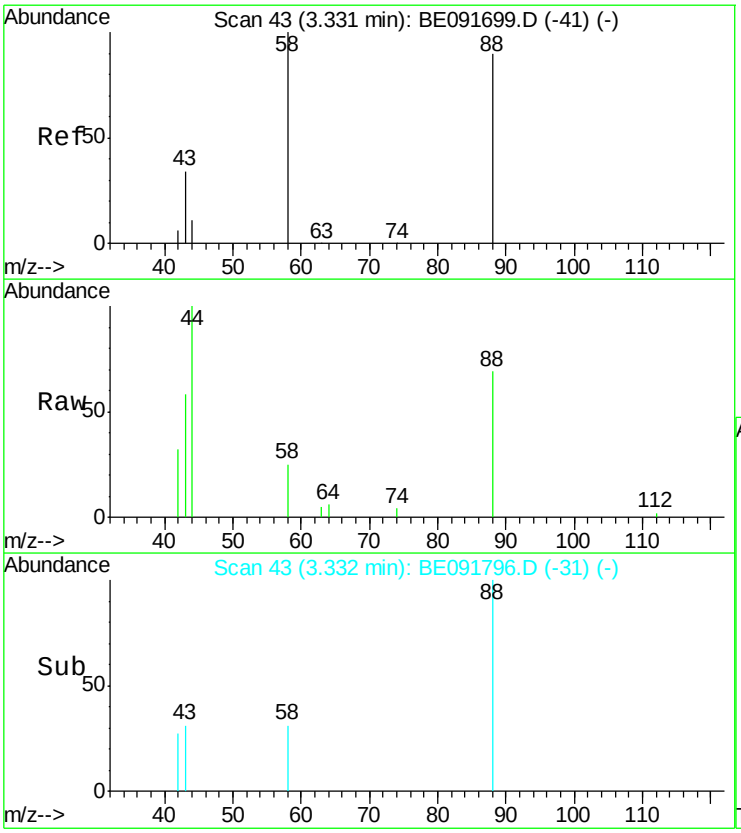
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.78 min Scan# 299
Delta R.T. -0.02 min
Lab File: BE091796.D
Acq: 18 May 2016 19:44

Instrument :
BNA_E
ClientSampleId :
SS043MW009-160511

Tgt Ion:152 Resp: 34945

Ion	Ratio	Lower	Upper
152	100		
150	177.0	122.6	183.8
115	77.8	52.8	79.2

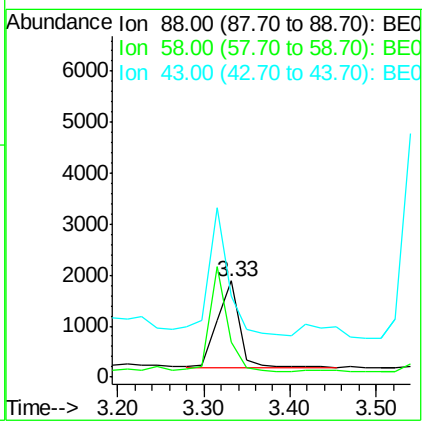


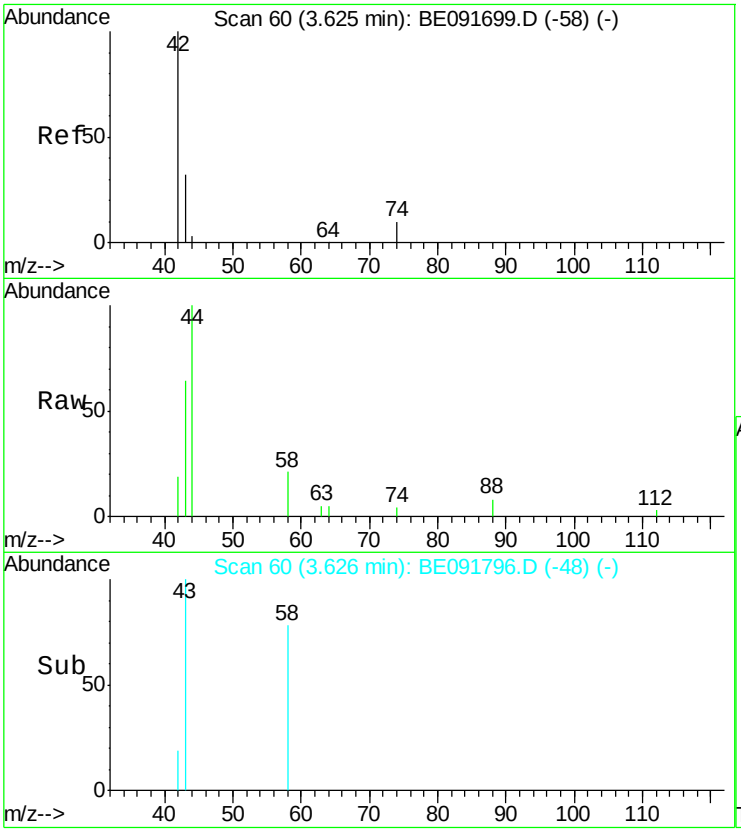


#2
1,4-Dioxane
Concen: 0.65 ng
RT: 3.33 min Scan# 43
Delta R.T. 0.00 min
Lab File: BE091796.D
Acq: 18 May 2016 19:44

Tgt Ion: 88 Resp: 3013

Ion	Ratio	Lower	Upper
88	100		
58	100.8	65.8	98.6#
43	136.4	25.3	37.9#



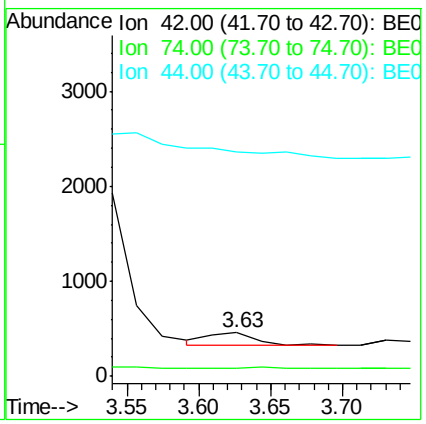


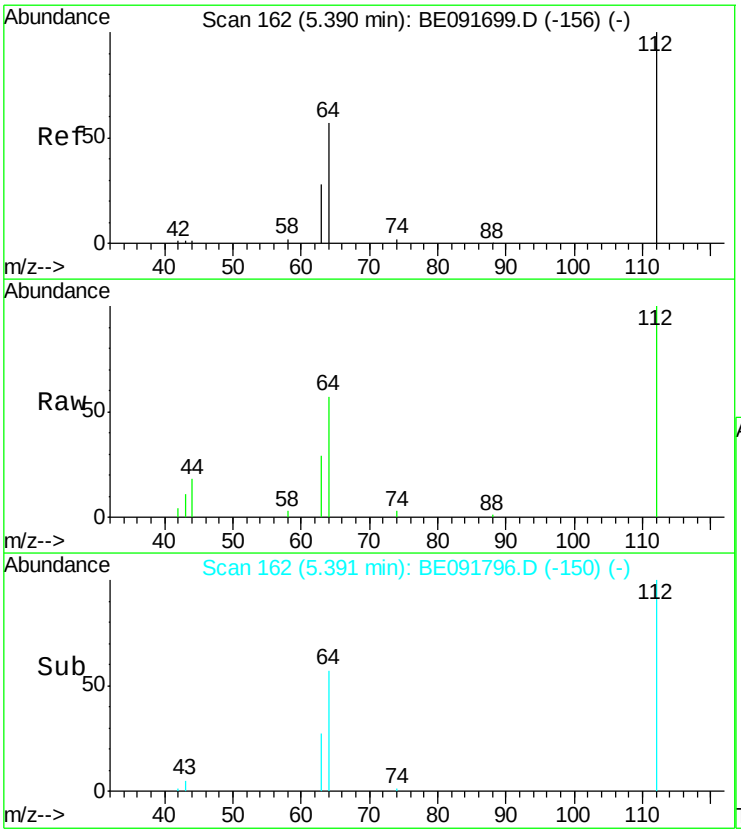
#3
n-Nitrosodimethylamine
Concen: 0.05 ng
RT: 3.63 min Scan# 60
Delta R.T. 0.00 min
Lab File: BE091796.D
Acq: 18 May 2016 19:44

Instrument :
BNA_E
ClientSampleId :
SS043MW009-160511

Tgt Ion: 42 Resp: 291

Ion	Ratio	Lower	Upper
42	100		
74	7.6	87.9	131.9#
44	0.0	6.6	9.8#

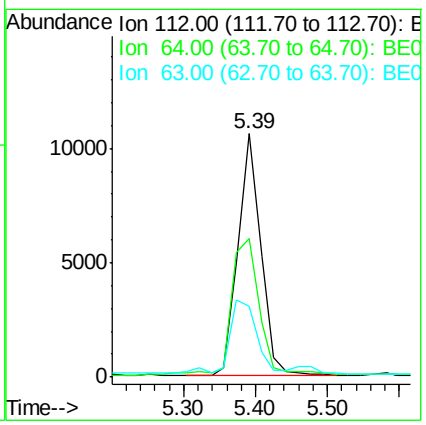


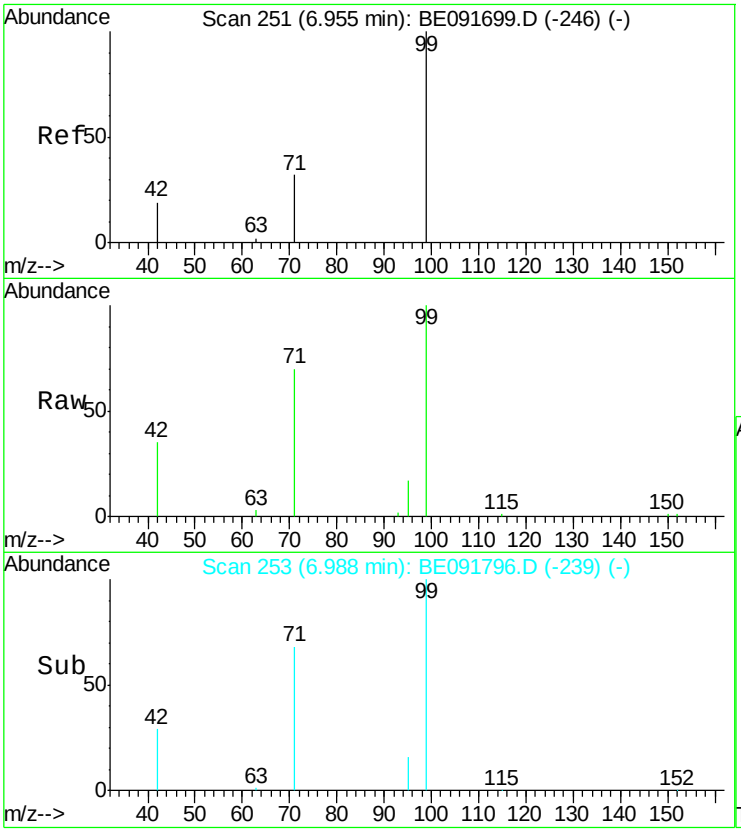


#4
2-Fluorophenol
Concen: 2.71 ng
RT: 5.39 min Scan# 162
Delta R.T. 0.00 min
Lab File: BE091796.D
Acq: 18 May 2016 19:44

Tgt Ion:112 Resp: 23238

Ion	Ratio	Lower	Upper
112	100		
64	67.9	30.9	46.3#
63	35.3	16.7	25.1#



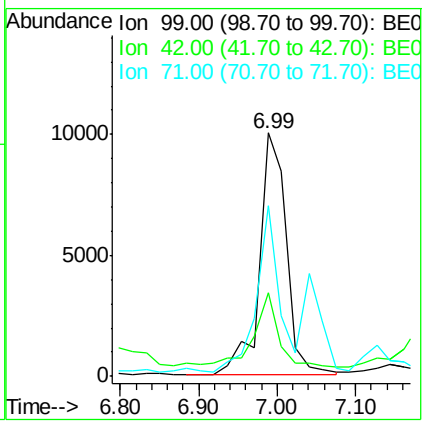


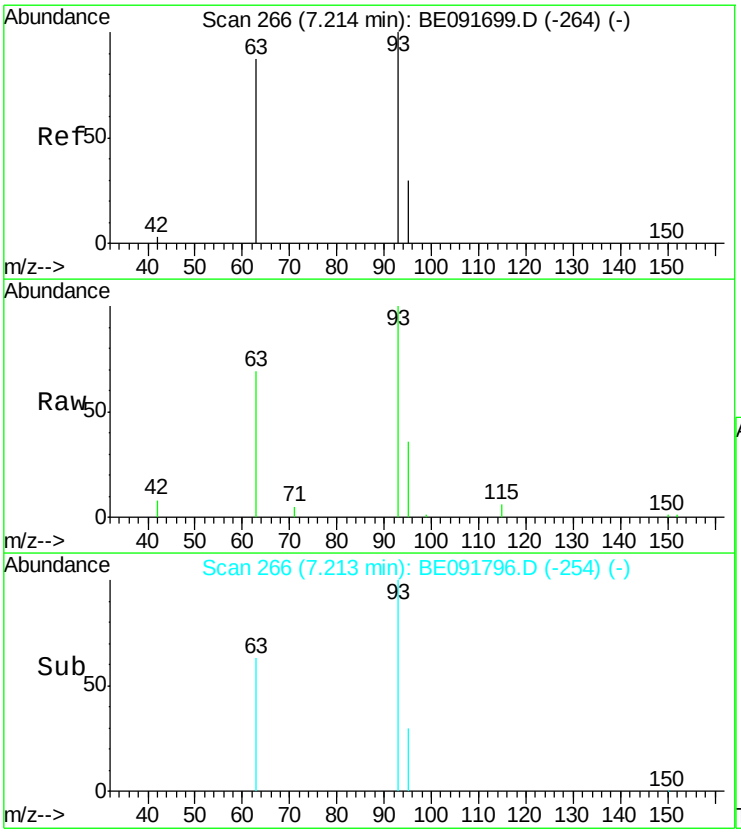
#5
Phenol-d6
Concen: 2.09 ng
RT: 6.99 min Scan# 253
Delta R.T. 0.03 min
Lab File: BE091796.D
Acq: 18 May 2016 19:44

Instrument :
BNA_E
ClientSampleId :
SS043MW009-160511

Tgt Ion: 99 Resp: 23838

Ion	Ratio	Lower	Upper
99	100		
42	28.4	16.2	24.2#
71	60.1	29.0	43.4#

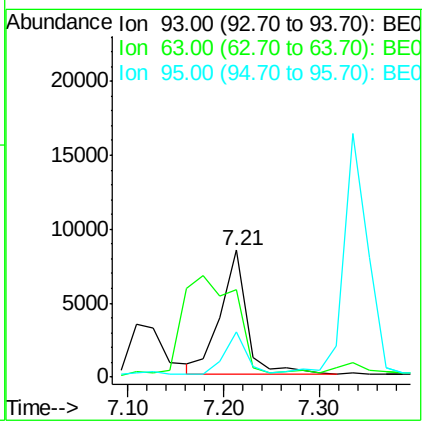


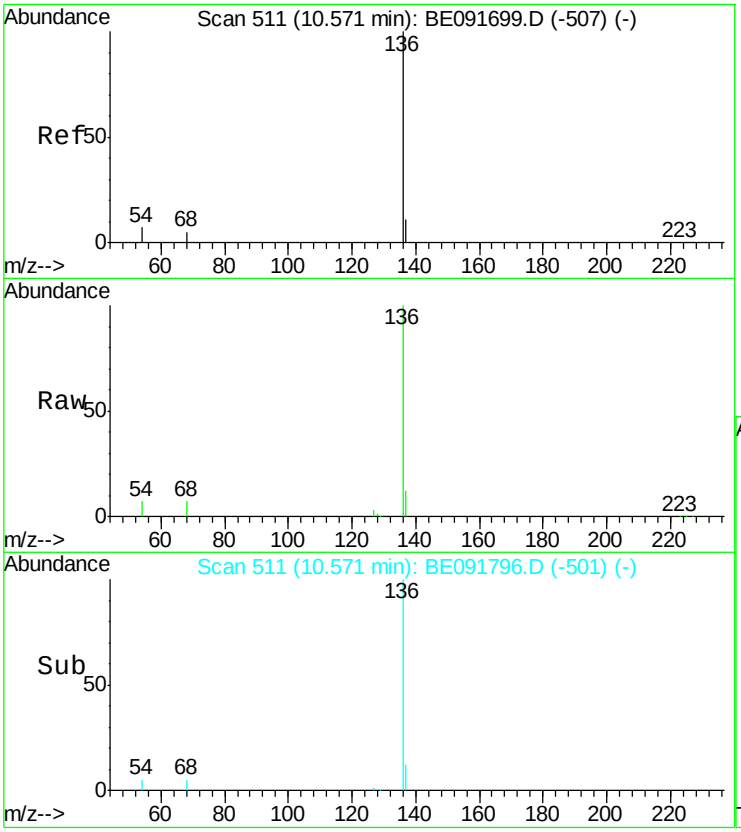


#6
bis(2-Chloroethyl)ether
Concen: 1.59 ng
RT: 7.21 min Scan# 266
Delta R.T. -0.00 min
Lab File: BE091796.D
Acq: 18 May 2016 19:44

Tgt Ion: 93 Resp: 15949

Ion	Ratio	Lower	Upper
93	100		
63	0.0	49.5	74.3#
95	29.6	22.2	33.4



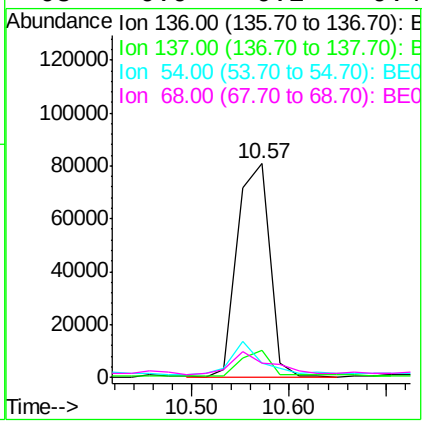


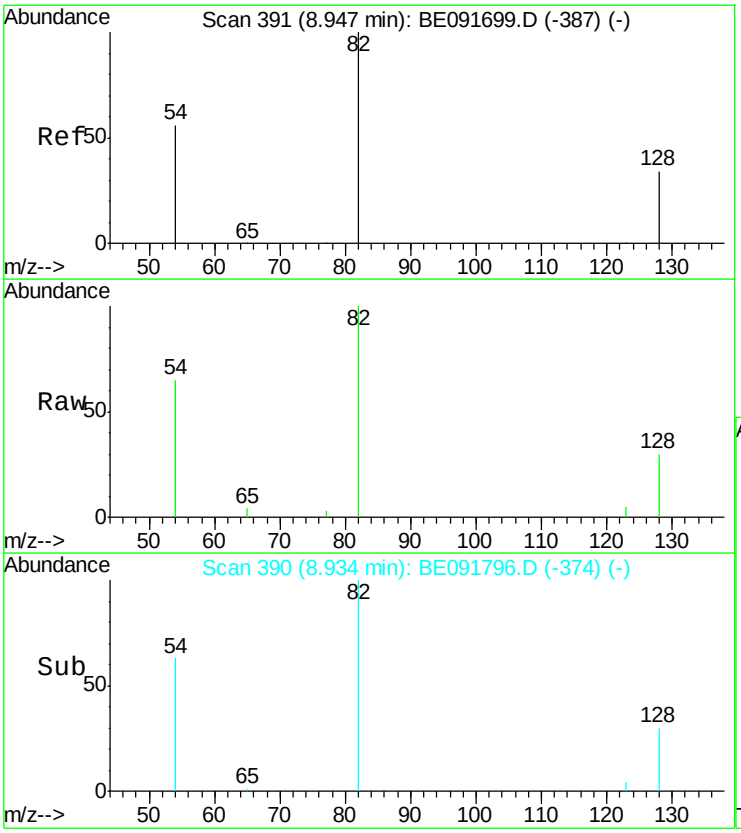
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.57 min Scan# 511
Delta R.T. 0.00 min
Lab File: BE091796.D
Acq: 18 May 2016 19:44

Instrument :
BNA_E
ClientSampleId :
SS043MW009-160511

Tgt Ion:136 Resp: 184725

Ion	Ratio	Lower	Upper
136	100		
137	12.4	8.9	13.3
54	6.6	8.2	12.4#
68	6.9	6.2	9.4

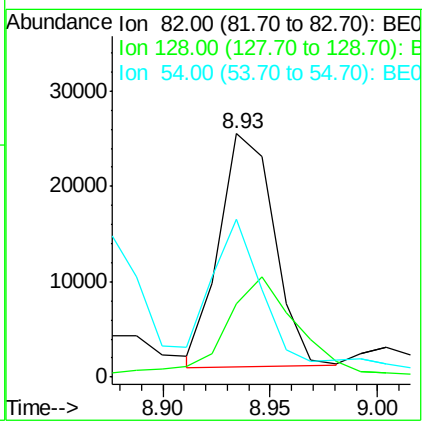


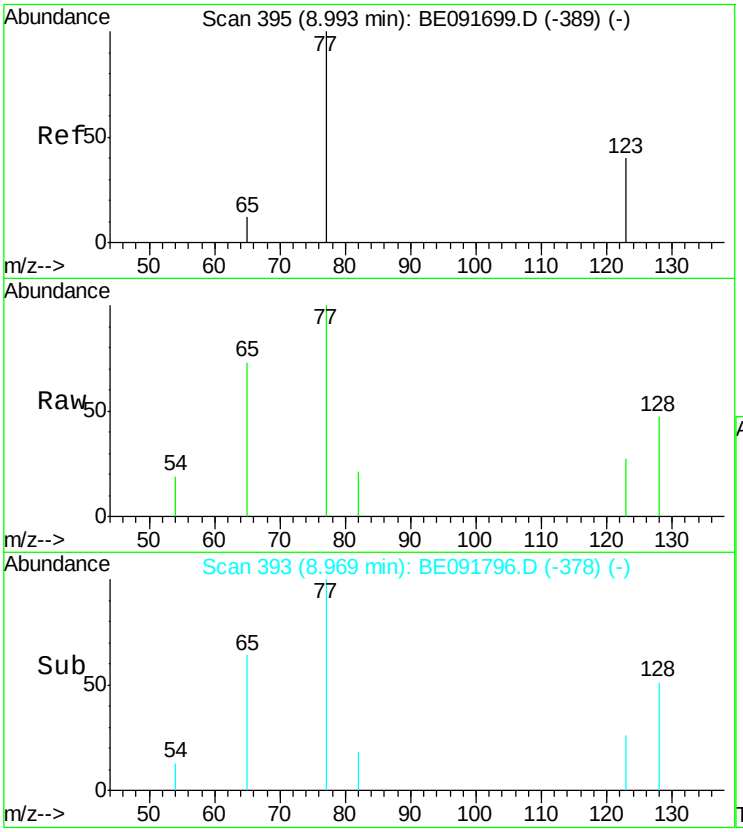


#8
Nitrobenzene-d5
Concen: 3.63 ng
RT: 8.93 min Scan# 390
Delta R.T. -0.01 min
Lab File: BE091796.D
Acq: 18 May 2016 19:44

Tgt Ion: 82 Resp: 43258

Ion	Ratio	Lower	Upper
82	100		
128	30.1	25.4	38.0
54	64.7	48.4	72.6



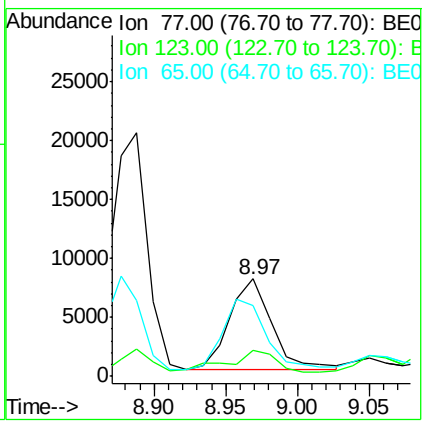


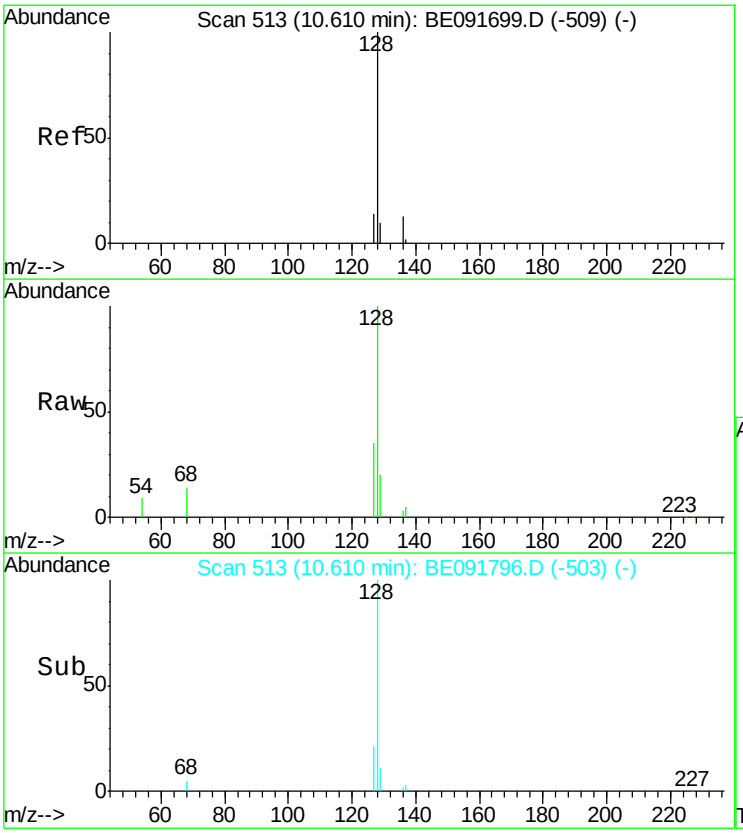
#9
Nitrobenzene
Concen: 1.25 ng
RT: 8.97 min Scan# 393
Delta R.T. -0.02 min
Lab File: BE091796.D
Acq: 18 May 2016 19:44

Instrument :
BNA_E
ClientSampleId :
SS043MW009-160511

Tgt Ion: 77 Resp: 15593

Ion	Ratio	Lower	Upper
77	100		
123	28.1	26.9	40.3
65	80.0	9.4	14.2#

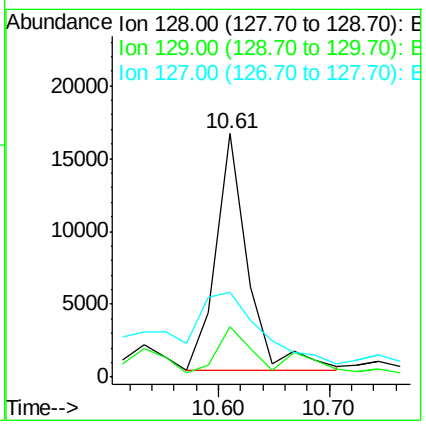


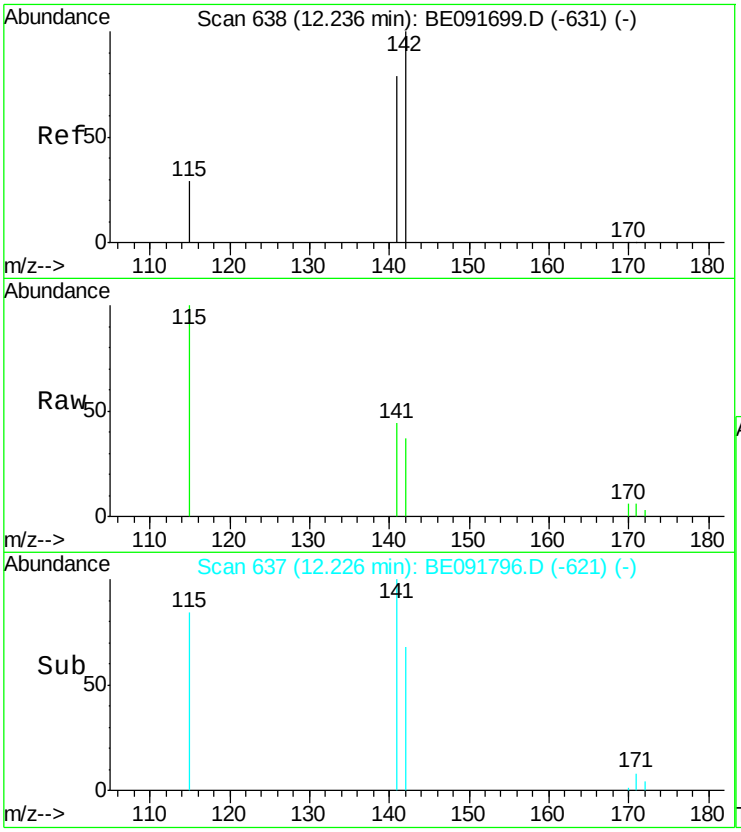


#10
Naphthalene
Concen: 0.88 ng
RT: 10.61 min Scan# 513
Delta R.T. 0.00 min
Lab File: BE091796.D
Acq: 18 May 2016 19:44

Tgt Ion:128 Resp: 33011

Ion	Ratio	Lower	Upper
128	100		
129	20.5	9.3	13.9#
127	34.8	10.7	16.1#



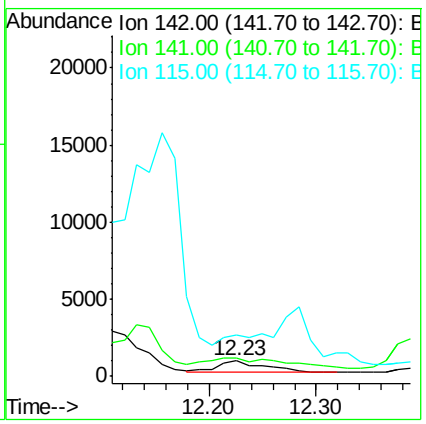


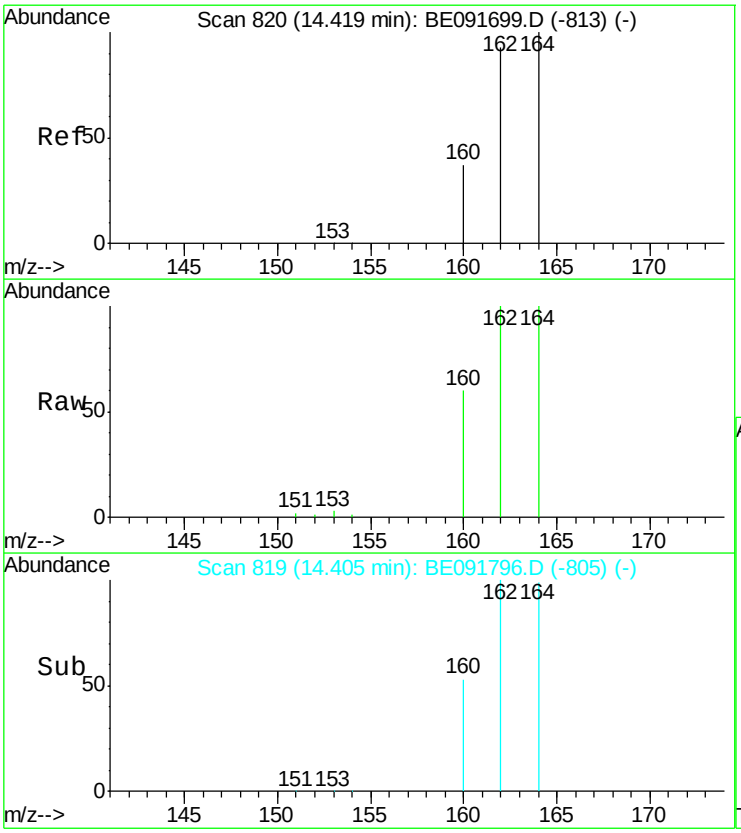
#12
2-Methylnaphthalene
Concen: 0.10 ng
RT: 12.23 min Scan# 637
Delta R.T. -0.01 min
Lab File: BE091796.D
Acq: 18 May 2016 19:44

Instrument :
BNA_E
ClientSampleId :
SS043MW009-160511

Tgt Ion:142 Resp: 2293

Ion	Ratio	Lower	Upper
142	100		
141	118.7	71.4	107.0#
115	270.1	30.3	45.5#

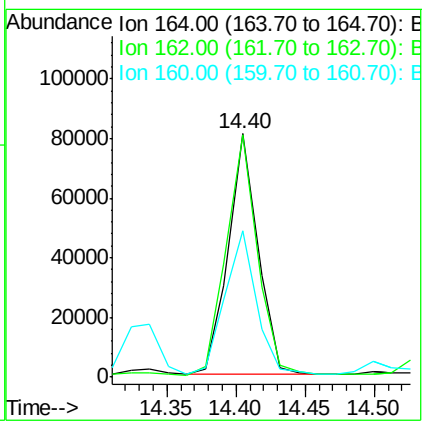


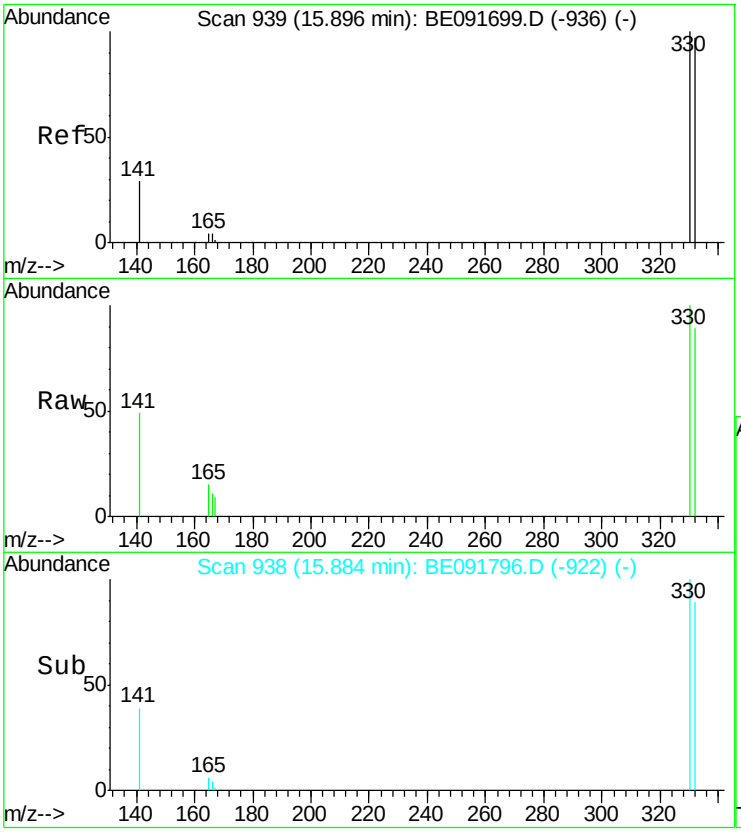


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.40 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE091796.D
Acq: 18 May 2016 19:44

Tgt Ion:164 Resp: 120283

Ion	Ratio	Lower	Upper
164	100		
162	99.8	85.3	127.9
160	60.3	46.2	69.2



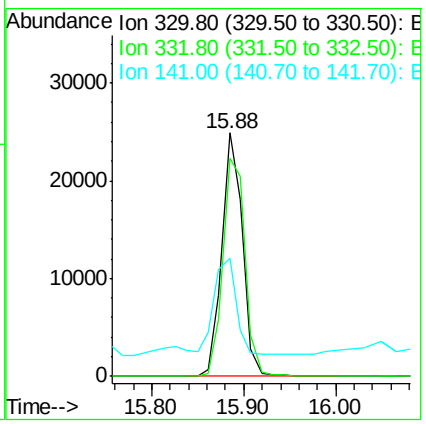


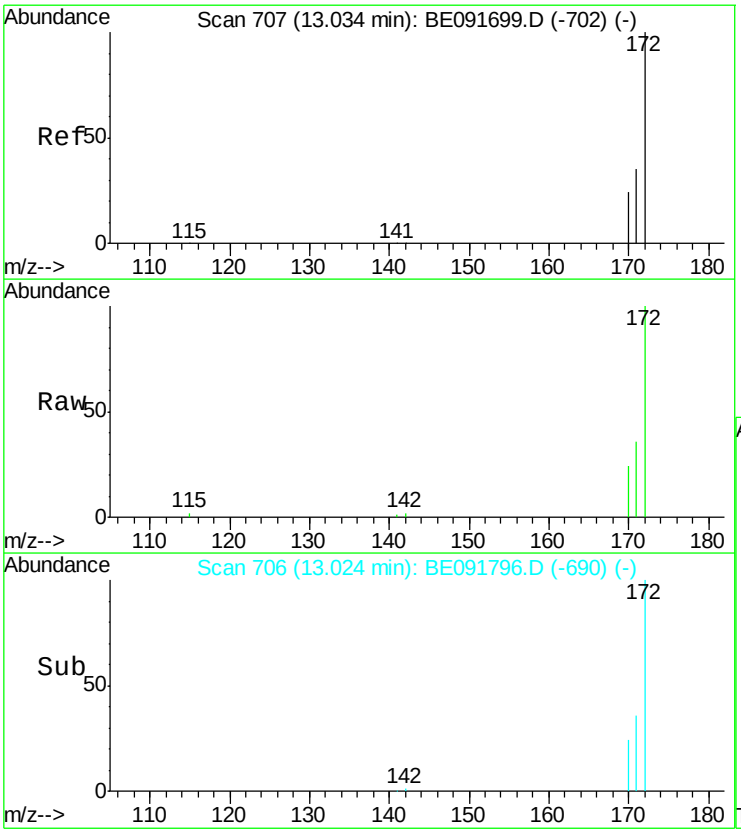
#14
2,4,6-Tribromophenol
Concen: 8.55 ng
RT: 15.88 min Scan# 938
Delta R.T. -0.01 min
Lab File: BE091796.D
Acq: 18 May 2016 19:44

Instrument :
BNA_E
ClientSampleId :
SS043MW009-160511

Tgt Ion:330 Resp: 38318

Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.1	118.7
141	42.3	125.4	188.0#

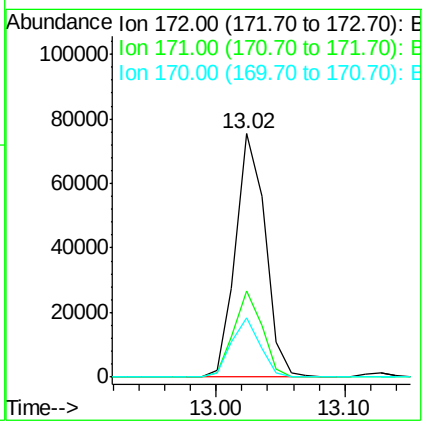


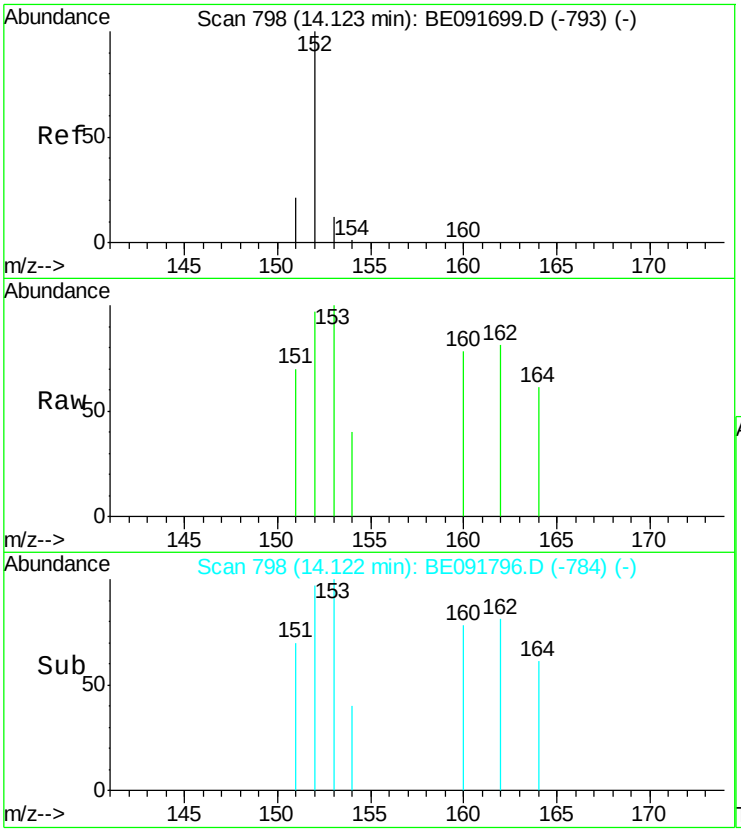


#15
2-Fluorobiphenyl
Concen: 3.53 ng
RT: 13.02 min Scan# 706
Delta R.T. -0.01 min
Lab File: BE091796.D
Acq: 18 May 2016 19:44

Tgt Ion:172 Resp: 119964

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.8	43.2
170	24.4	19.3	28.9



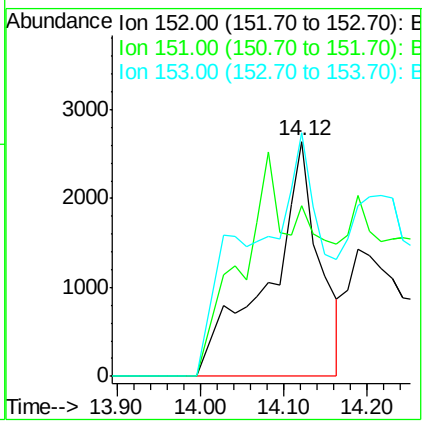


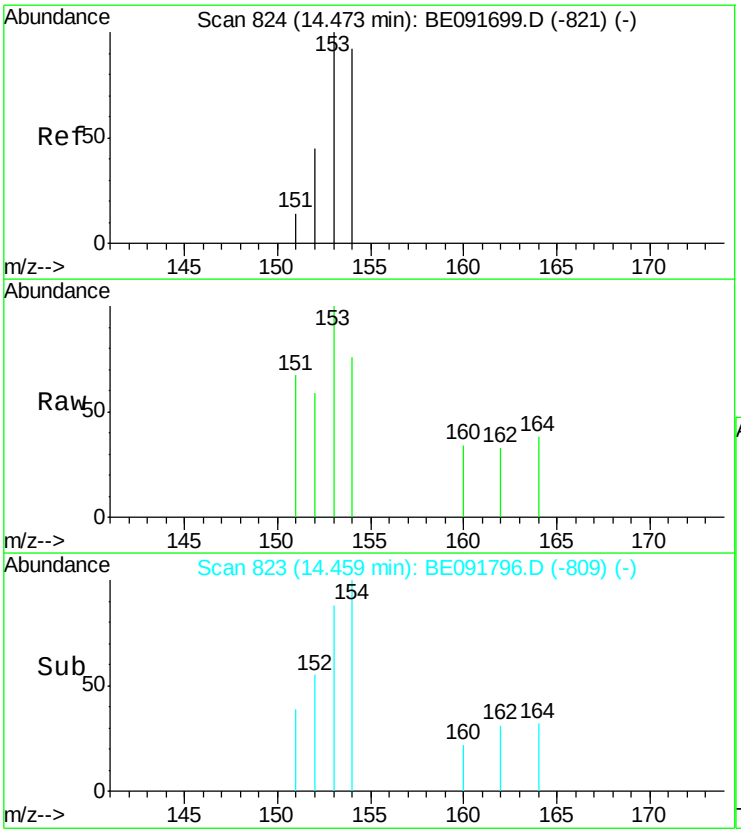
#16
Acenaphthylene
Concen: 0.26 ng
RT: 14.12 min Scan# 798
Delta R.T. -0.00 min
Lab File: BE091796.D
Acq: 18 May 2016 19:44

Instrument :
BNA_E
ClientSampleId :
SS043MW009-160511

Tgt Ion:152 Resp: 11921

Ion	Ratio	Lower	Upper
152	100		
151	0.0	3.9	5.9#
153	39.7	10.3	15.5#

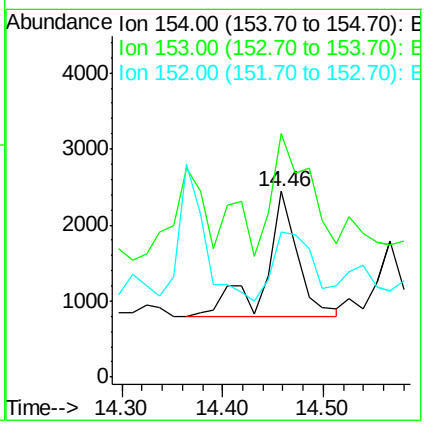


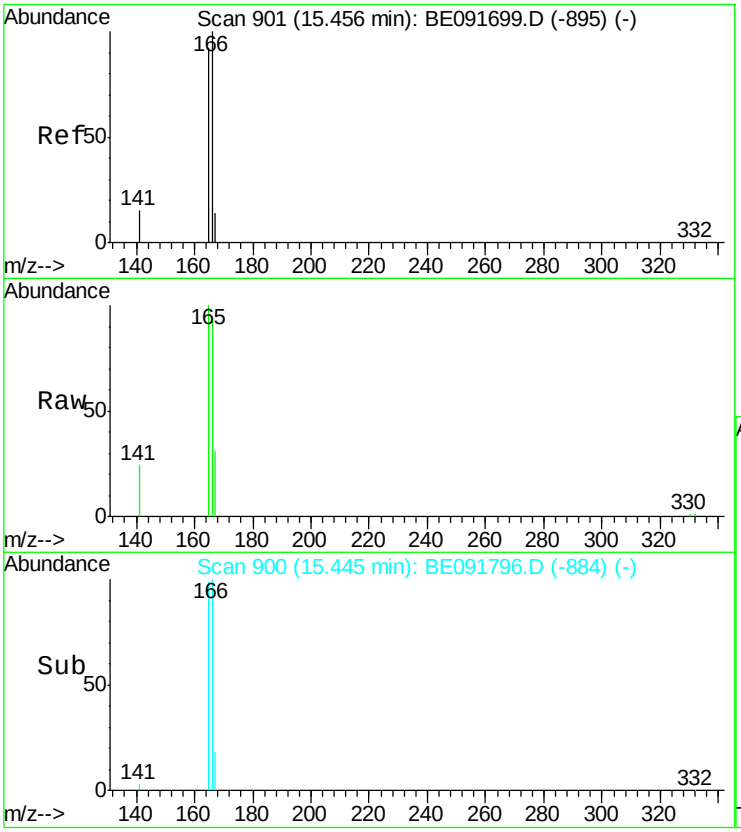


#17
Acenaphthene
Concen: 0.12 ng
RT: 14.46 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE091796.D
Acq: 18 May 2016 19:44

Tgt Ion:154 Resp: 3615

Ion	Ratio	Lower	Upper
154	100		
153	112.7	80.0	120.0
152	69.2	40.0	60.0#



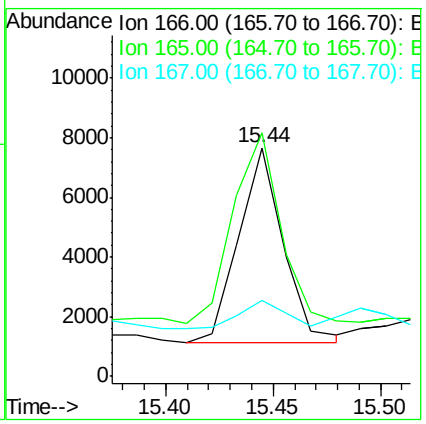


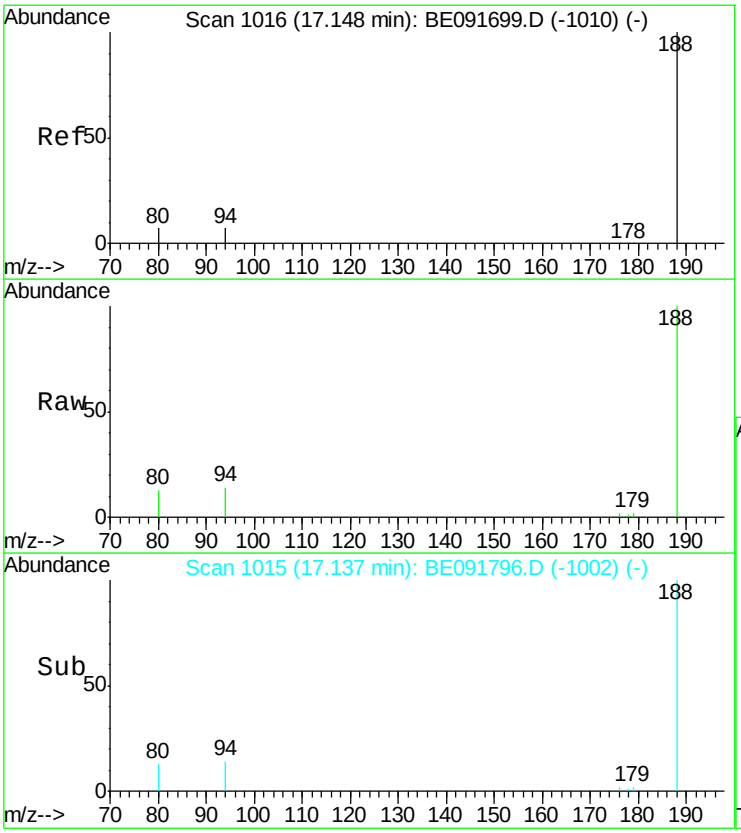
#18
Fluorene
Concen: 0.25 ng
RT: 15.44 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE091796.D
Acq: 18 May 2016 19:44

Instrument :
BNA_E
ClientSampleId :
SS043MW009-160511

Tgt Ion:166 Resp: 9466

Ion	Ratio	Lower	Upper
166	100		
165	105.3	80.8	121.2
167	14.6	10.9	16.3

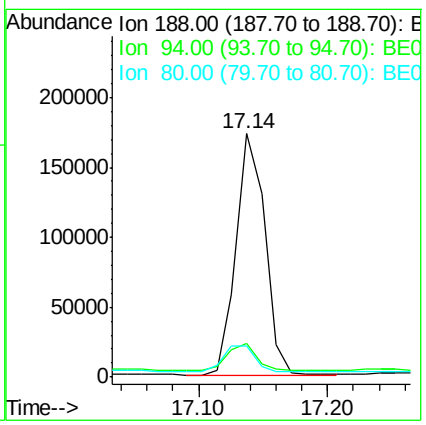


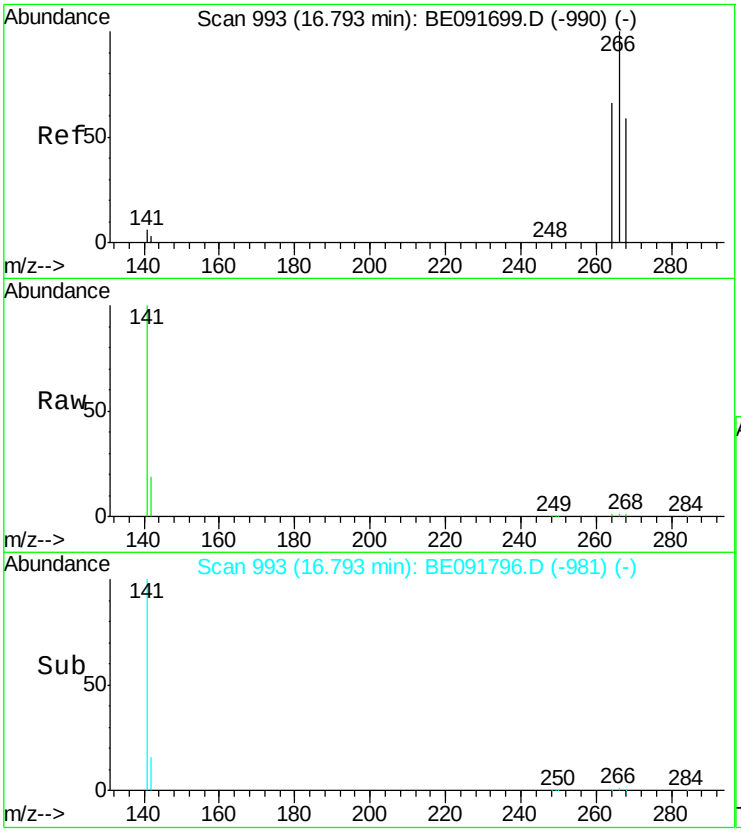


#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BE091796.D
Acq: 18 May 2016 19:44

Tgt Ion:188 Resp: 270980

Ion	Ratio	Lower	Upper
188	100		
94	13.8	8.7	13.1#
80	12.8	9.4	14.0



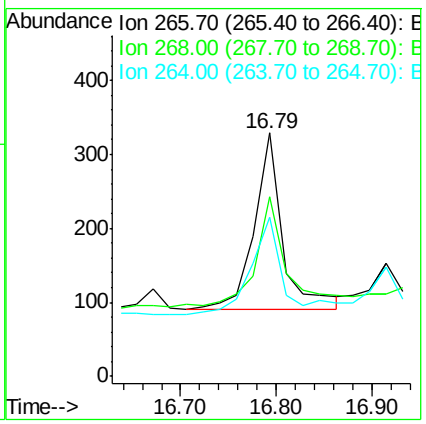


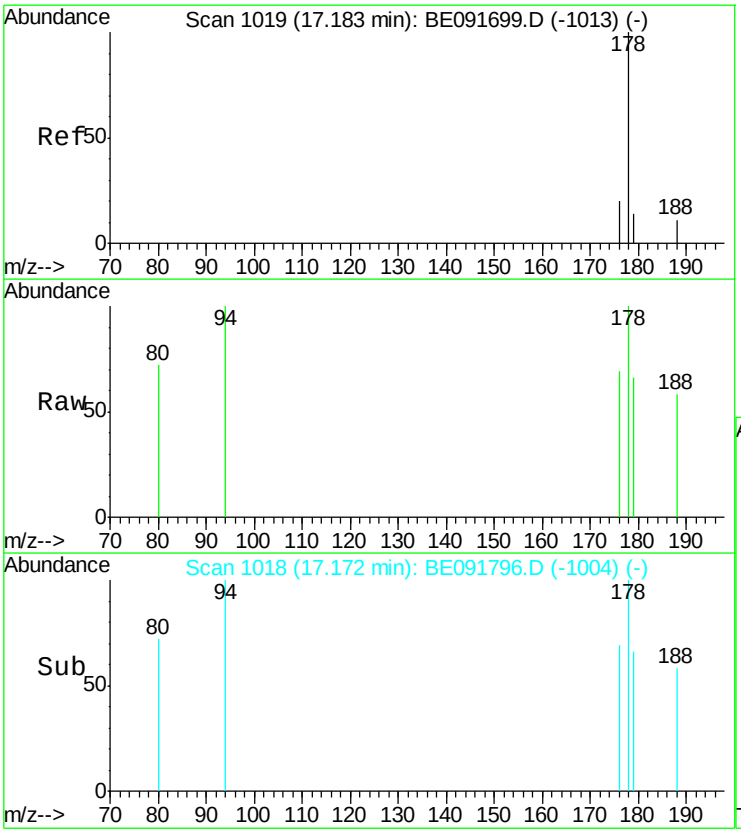
#22
Pentachlorophenol
Concen: 0.19 ng
RT: 16.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE091796.D
Acq: 18 May 2016 19:44

Instrument :
BNA_E
ClientSampleId :
SS043MW009-160511

Tgt Ion:266 Resp: 497

Ion	Ratio	Lower	Upper
266	100		
268	73.9	58.2	87.2
264	65.7	56.2	84.4

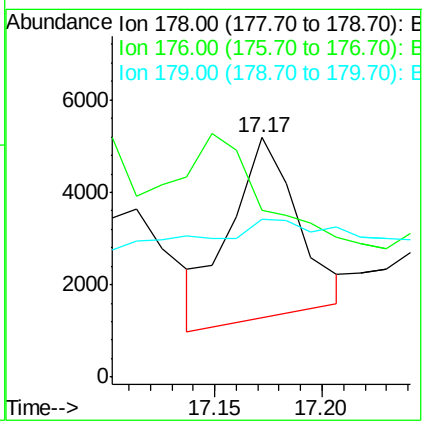


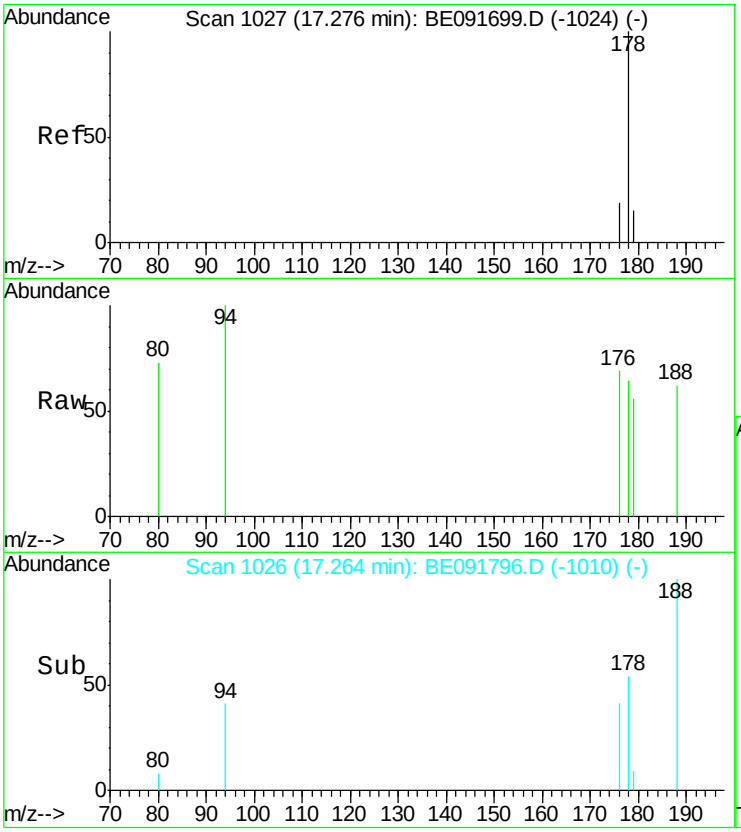


#23
Phenanthrene
Concen: 0.14 ng
RT: 17.17 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE091796.D
Acq: 18 May 2016 19:44

Tgt Ion:178 Resp: 8627

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.3	22.9#
179	0.0	12.6	18.8#



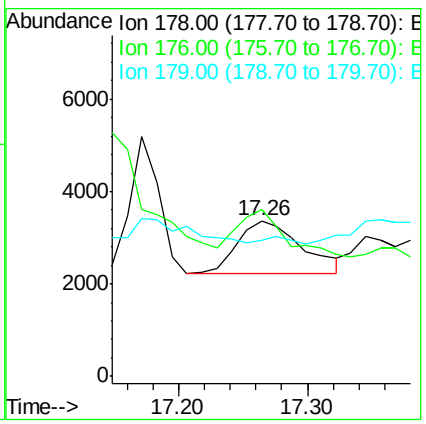


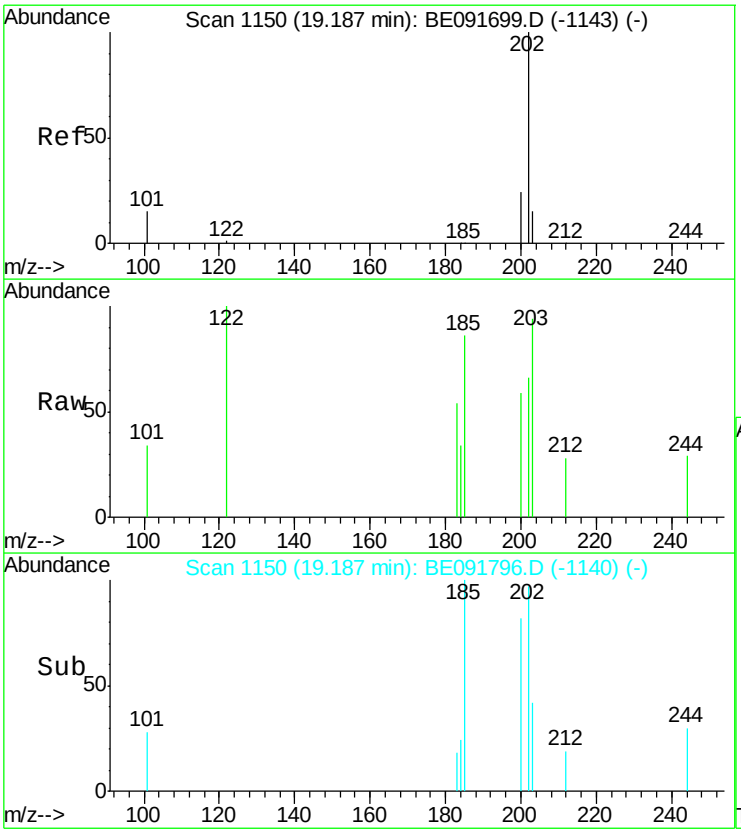
#24
Anthracene
Concen: 0.07 ng
RT: 17.26 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE091796.D
Acq: 18 May 2016 19:44

Instrument :
BNA_E
ClientSampleId :
SS043MW009-160511

Tgt Ion:178 Resp: 3877

Ion	Ratio	Lower	Upper
178	100		
176	66.5	14.6	21.8#
179	5.7	11.8	17.6#

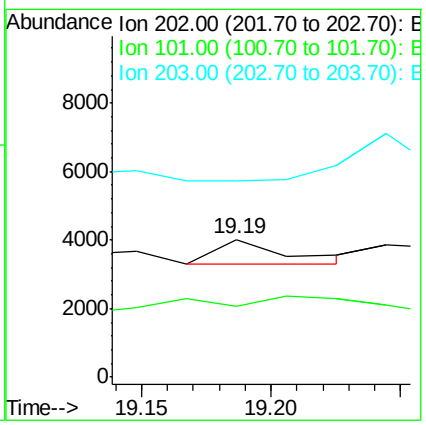


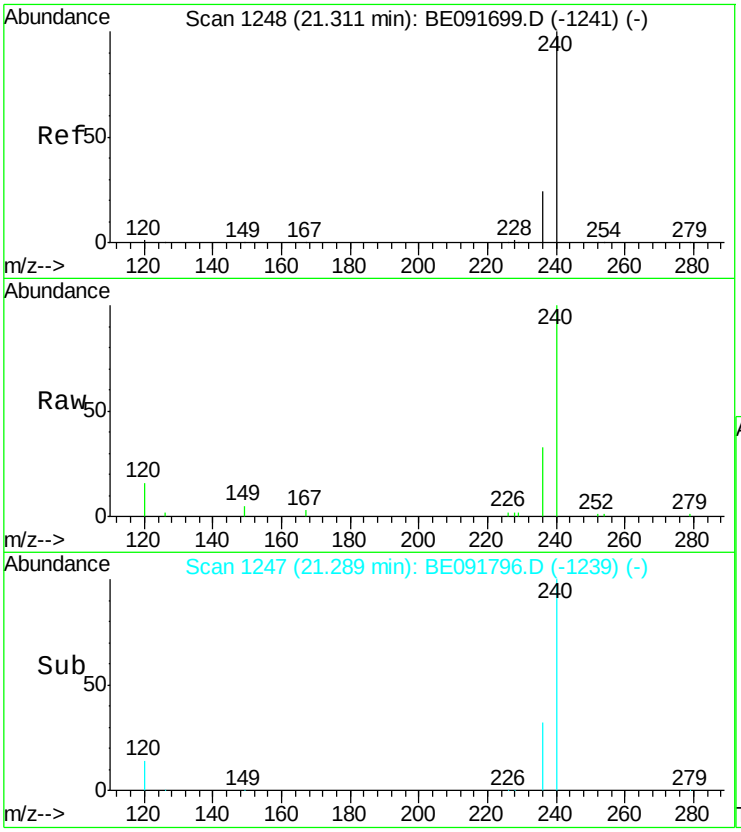


#25
Fluoranthene
Concen: 0.02 ng
RT: 19.19 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BE091796.D
Acq: 18 May 2016 19:44

Tgt Ion:202 Resp: 1345

Ion	Ratio	Lower	Upper
202	100		
101	201.2	11.0	16.6#
203	0.0	13.9	20.9#



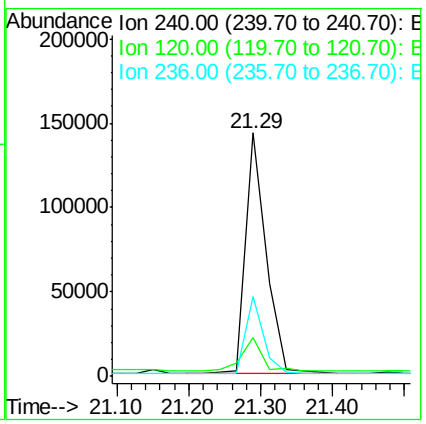


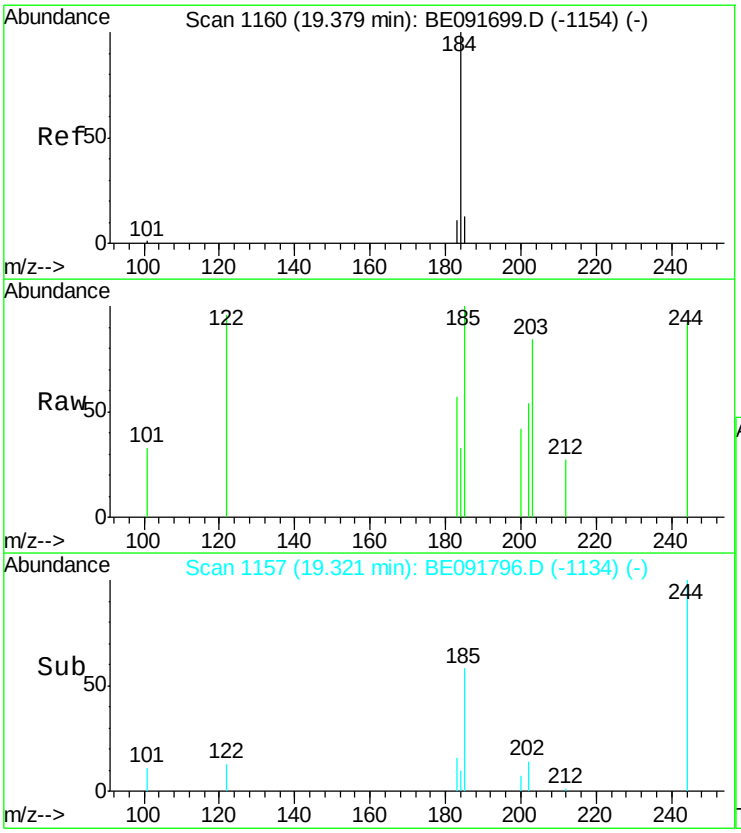
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BE091796.D
Acq: 18 May 2016 19:44

Instrument :
BNA_E
ClientSampleId :
SS043MW009-160511

Tgt Ion:240 Resp: 278421

Ion	Ratio	Lower	Upper
240	100		
120	15.9	11.0	16.4
236	32.6	21.7	32.5#

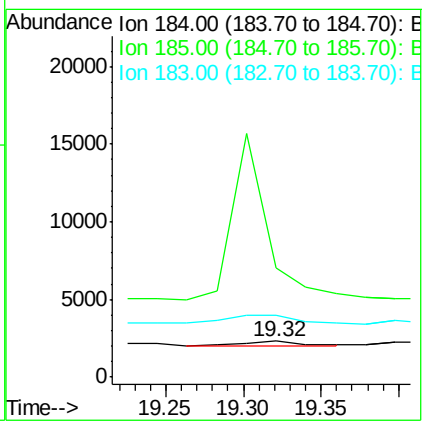


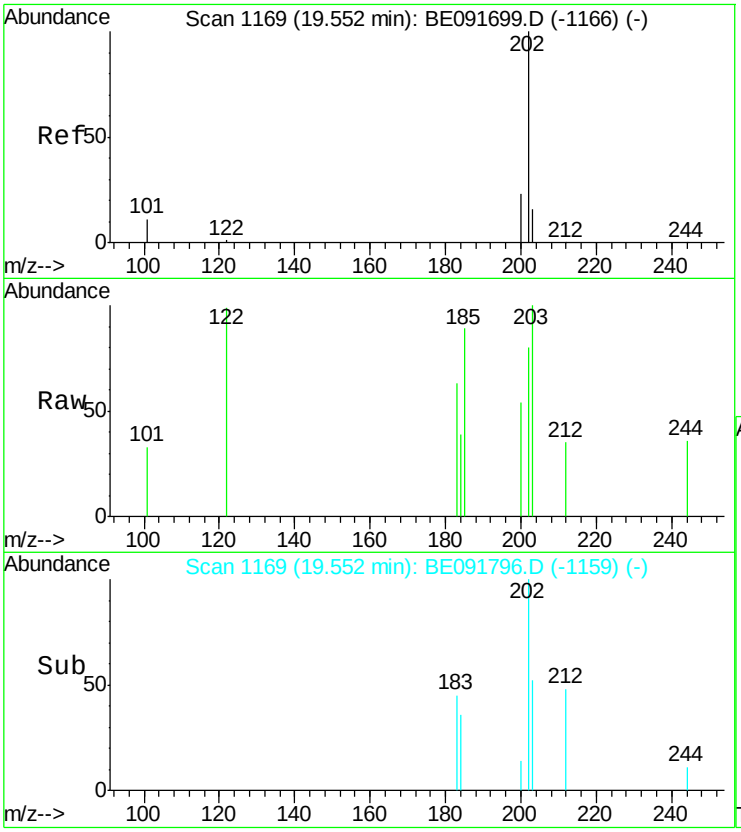


#27
Benzidine
Concen: 0.19 ng
RT: 19.32 min Scan# 1157
Delta R.T. -0.06 min
Lab File: BE091796.D
Acq: 18 May 2016 19:44

Tgt Ion:184 Resp: 710

Ion	Ratio	Lower	Upper
184	100		
185	305.3	22.3	33.5#
183	173.8	16.4	24.6#



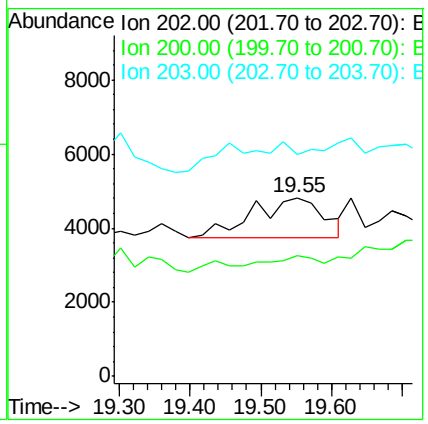


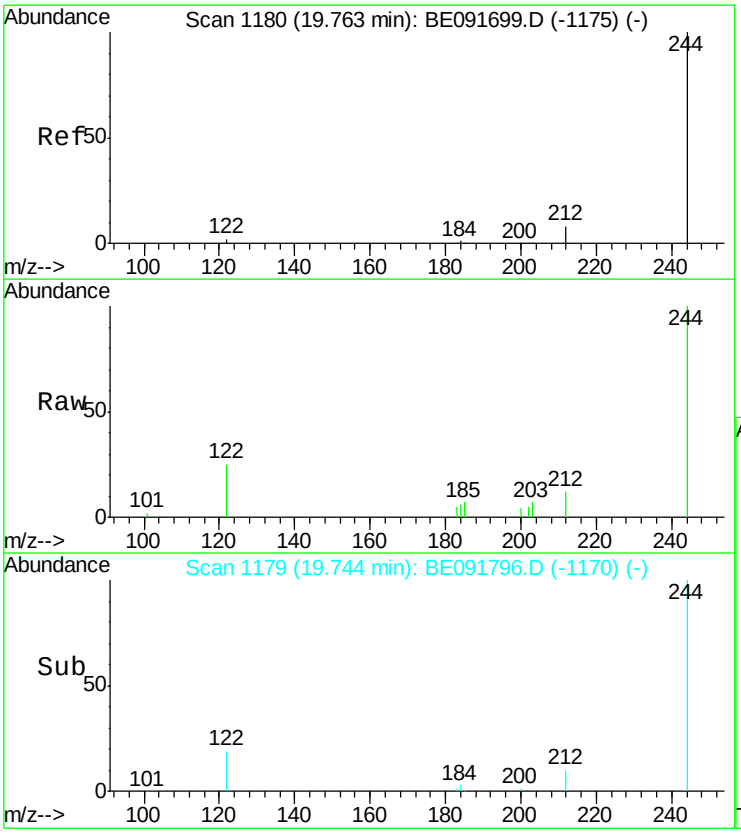
#28
Pyrene
Concen: 0.12 ng
RT: 19.55 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BE091796.D
Acq: 18 May 2016 19:44

Instrument :
BNA_E
ClientSampleId :
SS043MW009-160511

Tgt Ion:202 Resp: 7692

Ion	Ratio	Lower	Upper
202	100		
200	16.2	16.8	25.2#
203	0.0	14.0	21.0#

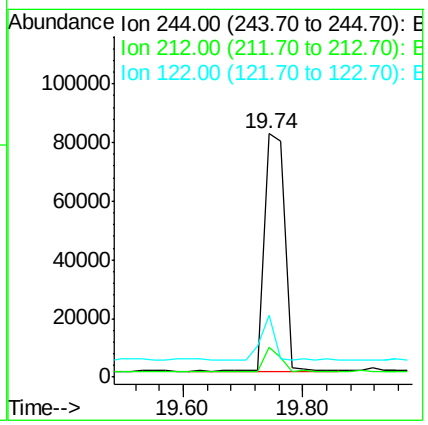


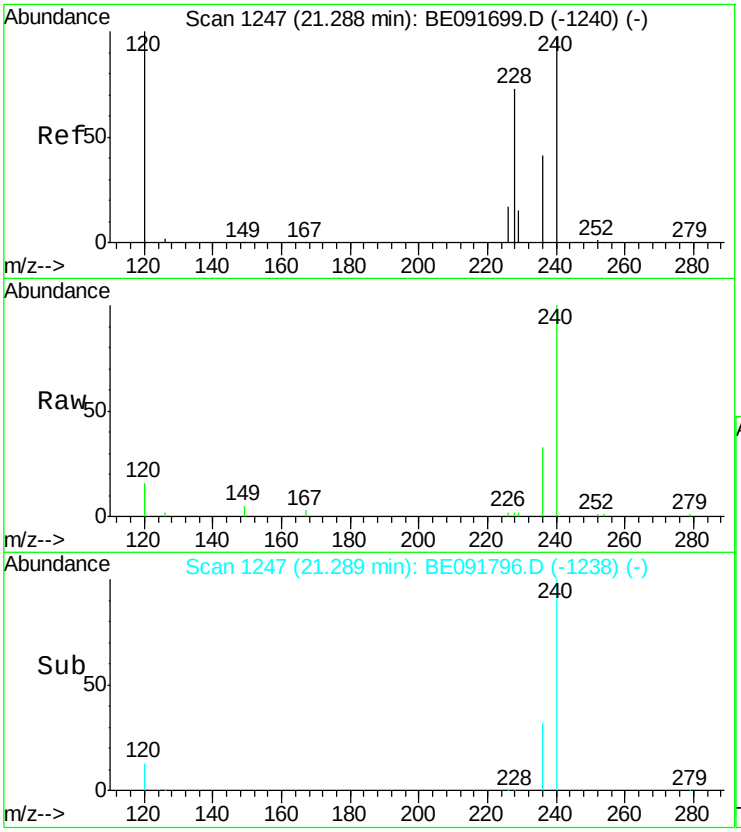


#29
Terphenyl-d14
Concen: 4.33 ng
RT: 19.74 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BE091796.D
Acq: 18 May 2016 19:44

Tgt Ion:244 Resp: 187839

Ion	Ratio	Lower	Upper
244	100		
212	12.0	6.9	10.3#
122	25.5	11.0	16.4#



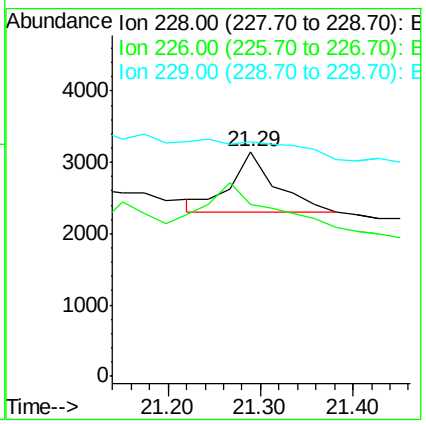


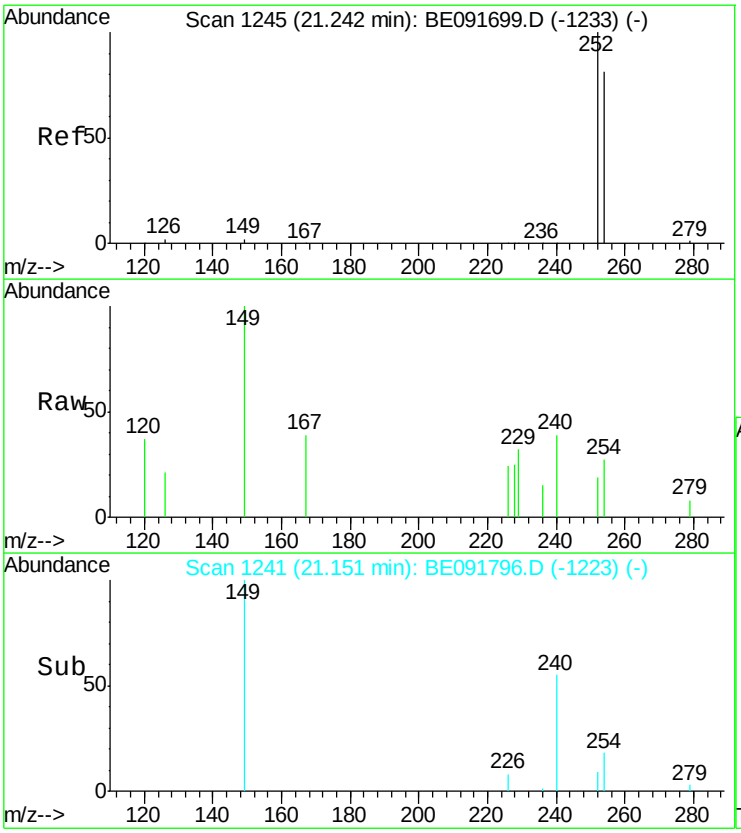
#30
Benzo(a)anthracene
Concen: 0.04 ng
RT: 21.29 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE091796.D
Acq: 18 May 2016 19:44

Instrument :
BNA_E
ClientSampleId :
SS043MW009-160511

Tgt Ion:228 Resp: 2953

Ion	Ratio	Lower	Upper
228	100		
226	76.5	21.0	31.4#
229	104.6	15.7	23.5#

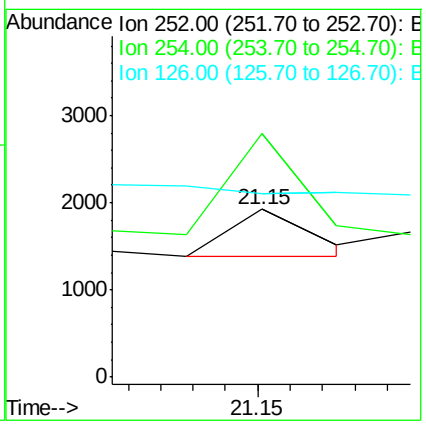


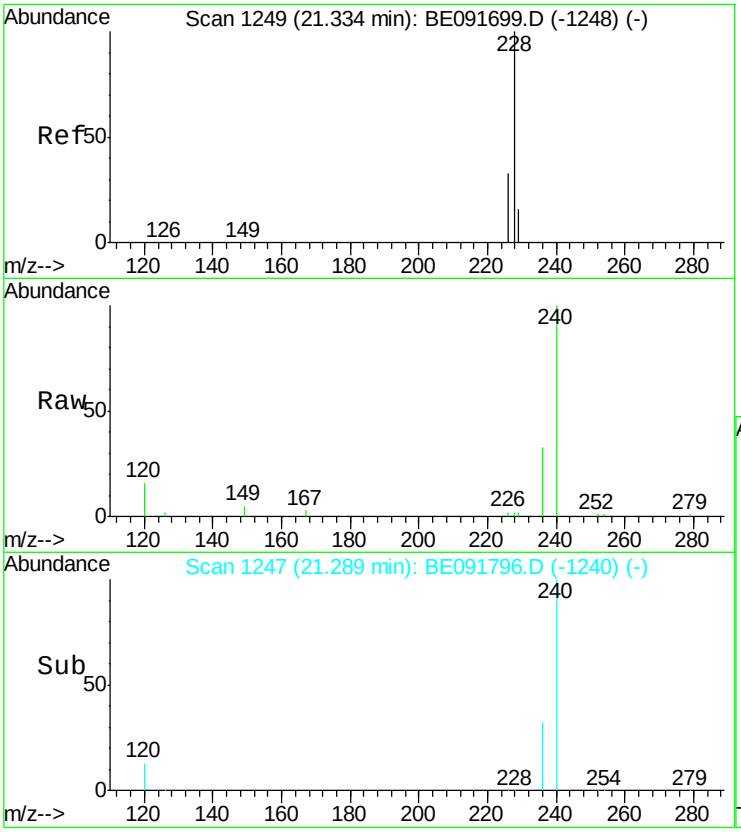


#31
3,3'-Dichlorobenzidine
Concen: 0.03 ng
RT: 21.15 min Scan# 1241
Delta R.T. -0.09 min
Lab File: BE091796.D
Acq: 18 May 2016 19:44

Tgt Ion:252 Resp: 926

Ion	Ratio	Lower	Upper
252	100		
254	145.3	51.1	76.7#
126	109.8	12.6	18.8#



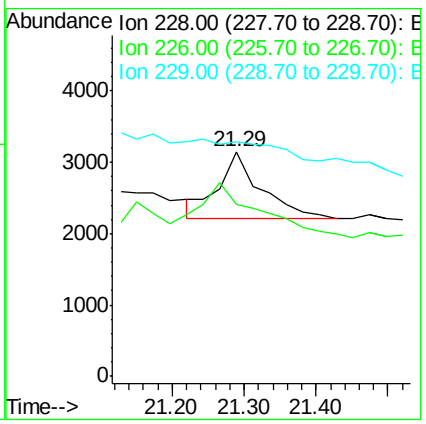


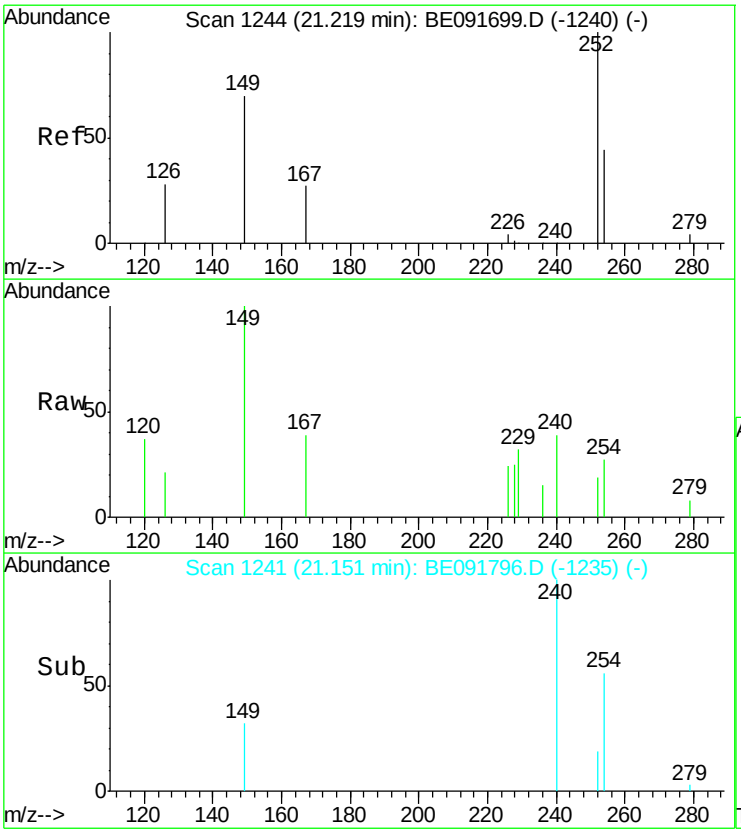
#32
Chrysene
Concen: 0.05 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.04 min
Lab File: BE091796.D
Acq: 18 May 2016 19:44

Instrument :
BNA_E
ClientSampleId :
SS043MW009-160511

Tgt Ion:228 Resp: 3818

Ion	Ratio	Lower	Upper
228	100		
226	76.5	24.0	36.0#
229	104.6	15.9	23.9#

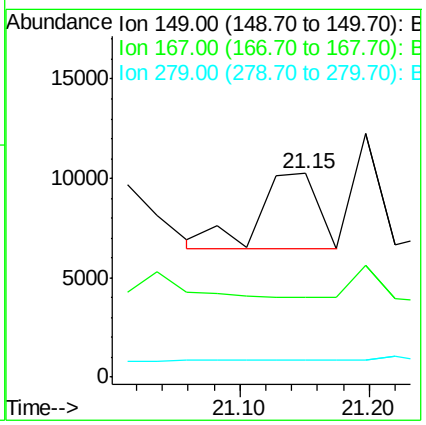


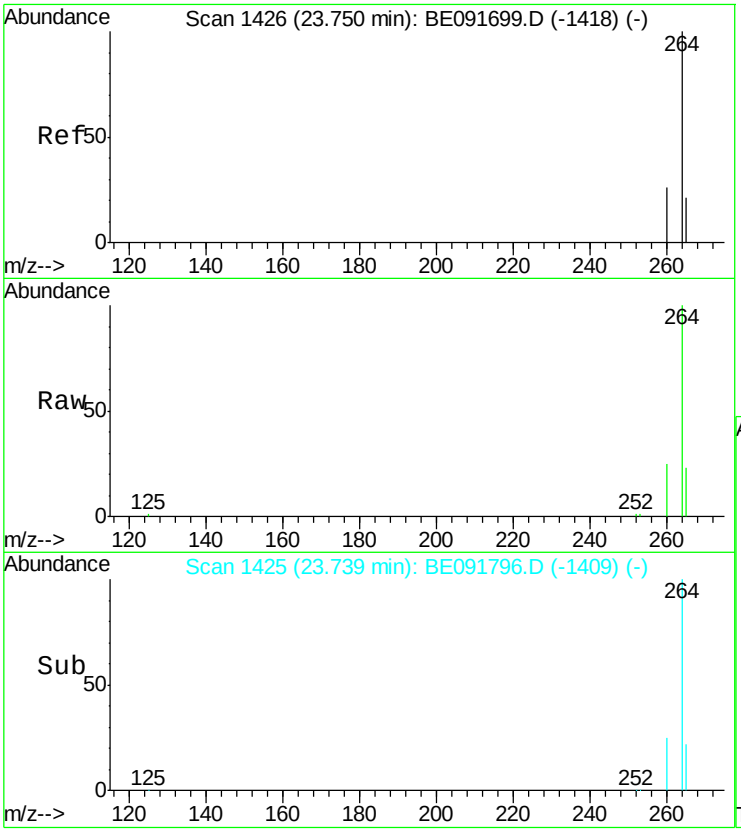


#33
Bis(2-ethylhexyl)phthalate
Concen: 0.58 ng
RT: 21.15 min Scan# 1241
Delta R.T. -0.07 min
Lab File: BE091796.D
Acq: 18 May 2016 19:44

Tgt Ion:149 Resp: 11981

Ion	Ratio	Lower	Upper
149	100		
167	0.0	19.5	29.3#
279	0.0	10.0	15.0#





#35
Perylene-d12
Concen: 5.00 ng
RT: 23.74 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BE091796.D
Acq: 18 May 2016 19:44

Instrument :
BNA_E
ClientSampleId :
SS043MW009-160511

Tgt Ion:264 Resp: 290154

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.0	30.0
265	22.7	17.5	26.3