Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061919\
Data File : BE100097.D
Acq On : 20 Jun 2019 00:04
Operator : JU/SJ
Sample : K3309-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SS043MW009-190610

Quant Time: Jun 20 03:52:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	951	0.40	ng		0.00
7) Naphthalene-d8	10.52	136	2995	0.40	ng		-0.01
13) Acenaphthene-d10	14.41	164	3040	0.40	ng		0.00
19) Phenanthrene-d10	17.16	188	7556	0.40	ng		0.00
27) Chrysene-d12	21.34	240	12520	0.40	ng		0.00
34) Perylene-d12	23.84	264	12032	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	718	0.36	ng		-0.03
5) Phenol-d6	6.93	99	344	0.13	ng		0.00
8) Nitrobenzene-d5	8.89	82	879	0.30	ng		-0.03
11) 2-Methylnaphthalene-d10	12.14	152	1615	0.28	ng		-0.01
14) 2,4,6-Tribromophenol	15.90	330	700	0.42	ng		-0.01
15) 2-Fluorobiphenyl	13.03	172	3618	0.30	ng		-0.01
25) Fluoranthene-d10	19.20	212	32518	0.30	ng		0.00
29) Terphenyl-d14	19.79	244	9868	0.39	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	1314	0.861	ng	#	75
3) n-Nitrosodimethylamine	3.61	42	71	0.412	ng	#	100
6) bis(2-Chloroethyl)ether	7.15	93	3596	1.319	ng		89
9) Naphthalene	10.58	128	46715	1.435	ng	#	96
12) 2-Methylnaphthalene	12.21	142	469	0.088	ng	#	1
16) Acenaphthylene	14.13	152	617	0.043	ng	#	22
17) Acenaphthene	14.47	154	658	0.082	ng	#	87
18) Fluorene	15.45	166	1642	0.137	ng	#	96
22) Pentachlorophenol	16.93	266	47	0.271	ng		89
23) Phenanthrene	17.20	178	1188	0.066	ng	#	48
24) Anthracene	17.28	178	727	0.048	ng	#	1
32) Bis(2-ethylhexyl)phthalate	21.24	149	2638	0.075	ng	#	91

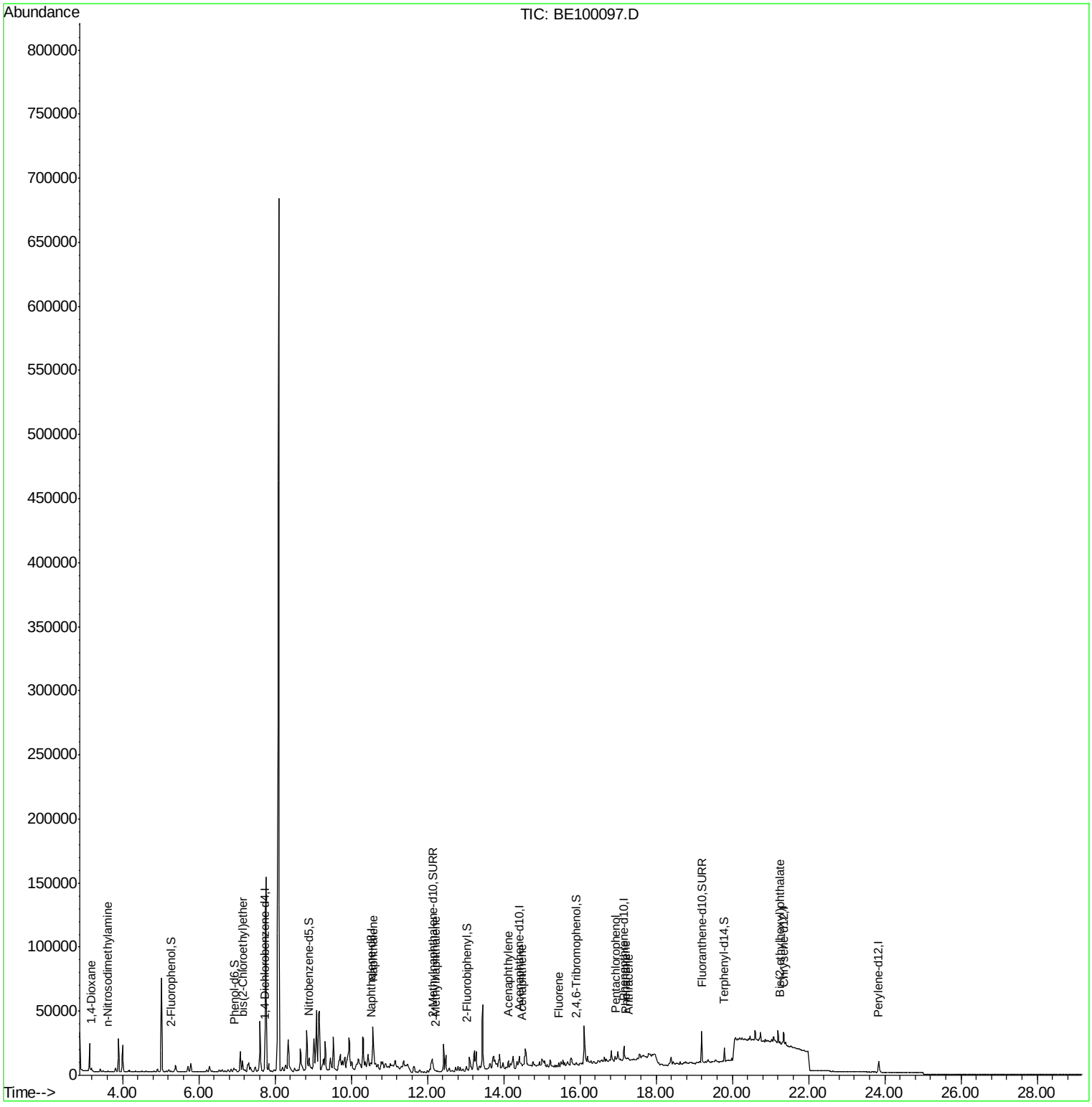
(#) = qualifier out of range (m) = manual integration (+) = signals summed

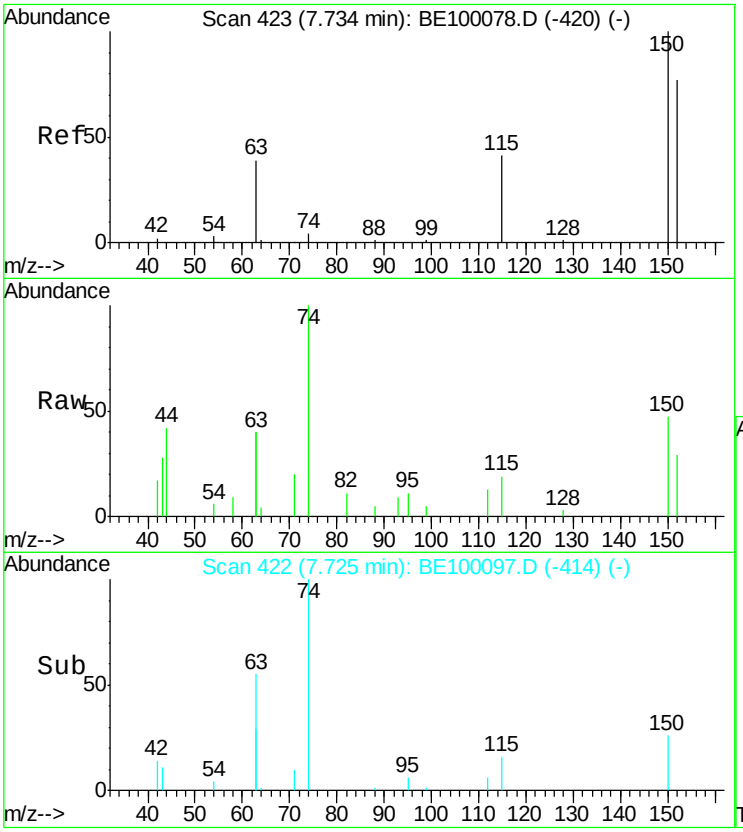
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061919\
Data File : BE100097.D
Acq On : 20 Jun 2019 00:04
Operator : JU/SJ
Sample : K3309-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SS043MW009-190610

Quant Time: Jun 20 03:52:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration



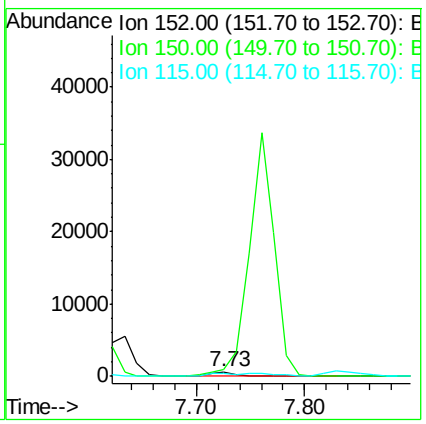


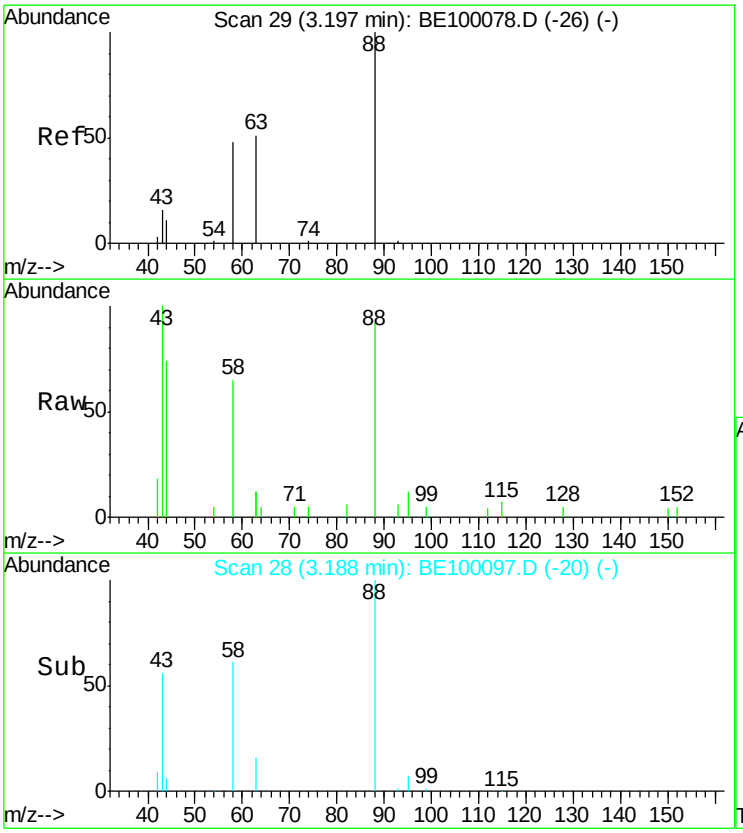
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100097.D
Acq: 20 Jun 2019 00:04

Instrument :
BNA_E
ClientSampleId :
SS043MW009-190610

Tgt Ion:152 Resp: 951

Ion	Ratio	Lower	Upper
152	100		
150	161.3	99.8	149.8#
115	64.9	51.3	76.9

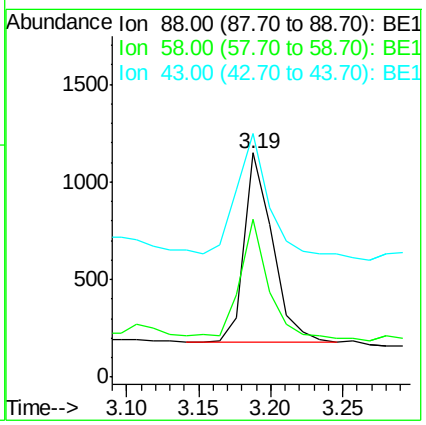


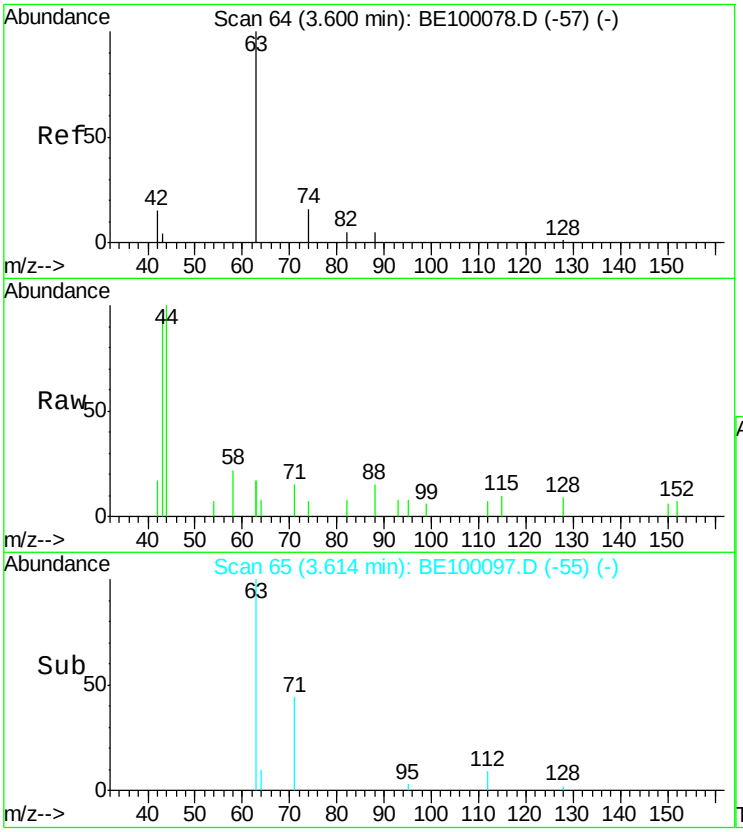


#2
1,4-Dioxane
Concen: 0.861 ng
RT: 3.19 min Scan# 28
Delta R.T. -0.01 min
Lab File: BE100097.D
Acq: 20 Jun 2019 00:04

Tgt Ion: 88 Resp: 1314

Ion	Ratio	Lower	Upper
88	100		
58	62.9	51.1	76.7
43	69.6	21.7	32.5#



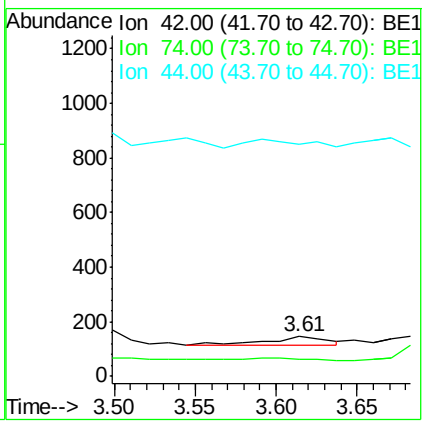


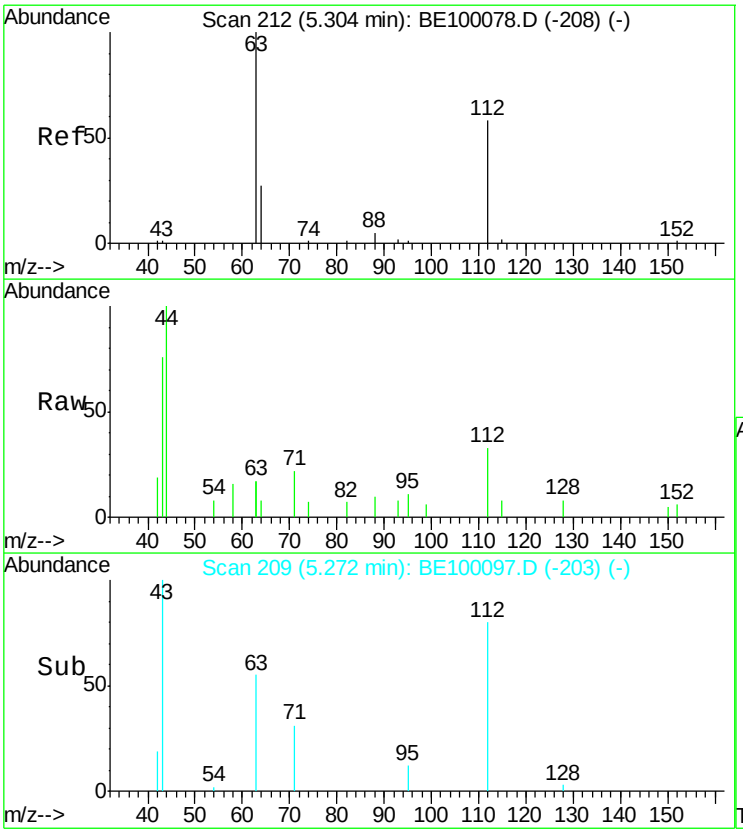
#3
n-Nitrosodimethylamine
Concen: 0.412 ng
RT: 3.61 min Scan# 65
Delta R.T. 0.01 min
Lab File: BE100097.D
Acq: 20 Jun 2019 00:04

Instrument :
BNA_E
ClientSampleId :
SS043MW009-190610

Tgt Ion: 42 Resp: 71

Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0

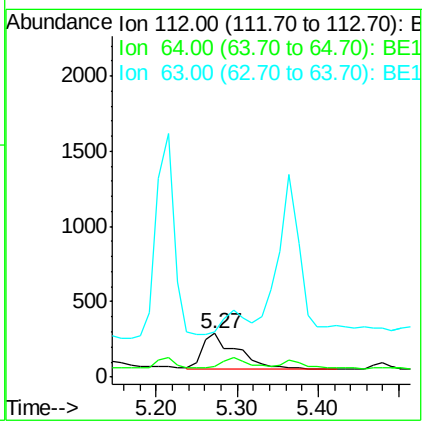


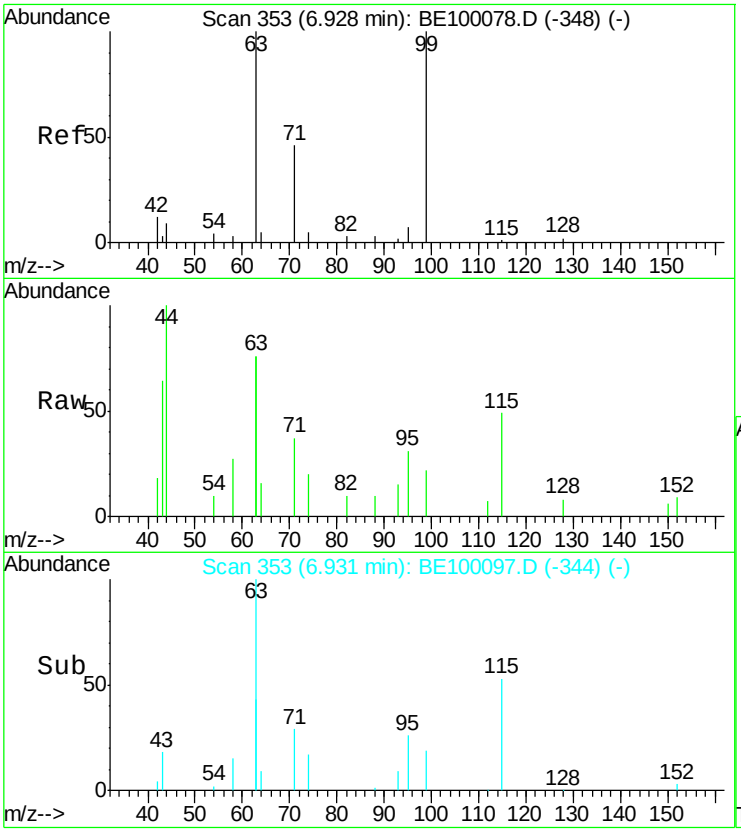


#4
2-Fluorophenol
Concen: 0.364 ng
RT: 5.27 min Scan# 209
Delta R.T. -0.03 min
Lab File: BE100097.D
Acq: 20 Jun 2019 00:04

Tgt Ion:112 Resp: 718

Ion	Ratio	Lower	Upper
112	100		
64	0.0	22.0	33.0#
63	0.0	121.8	182.6#



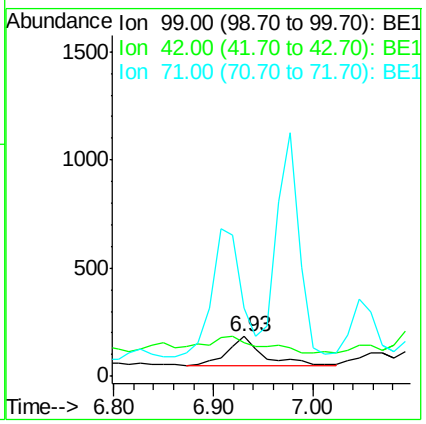


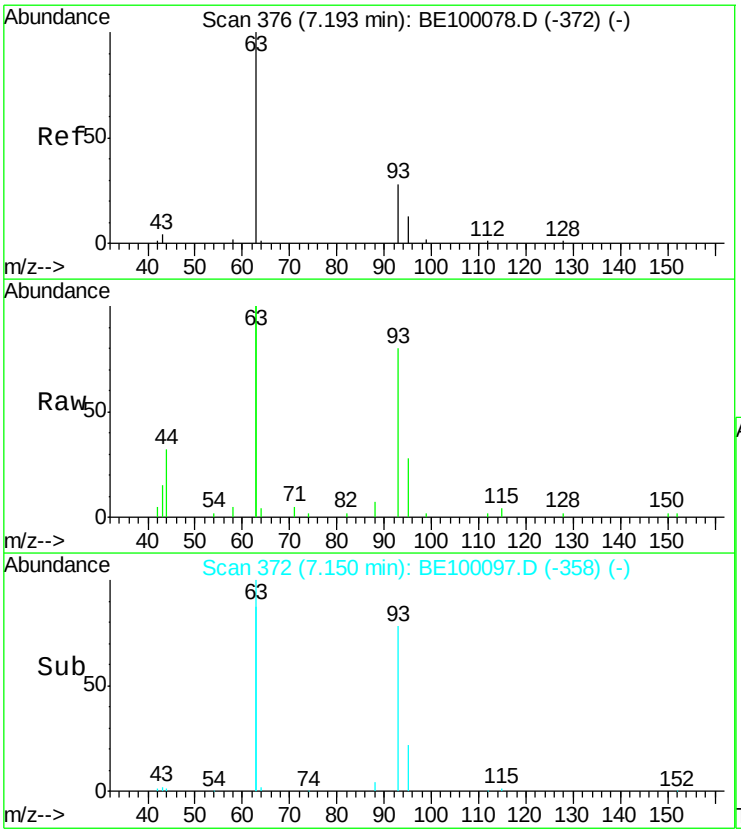
#5
Phenol-d6
Concen: 0.127 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100097.D
Acq: 20 Jun 2019 00:04

Instrument :
BNA_E
ClientSampleId :
SS043MW009-190610

Tgt Ion: 99 Resp: 344

Ion	Ratio	Lower	Upper
99	100		
42	72.1	0.0	0.0#
71	0.0	37.6	56.4#

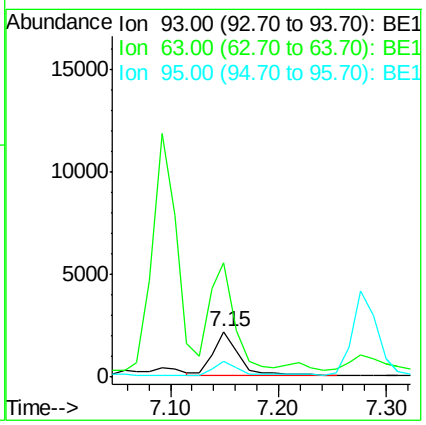


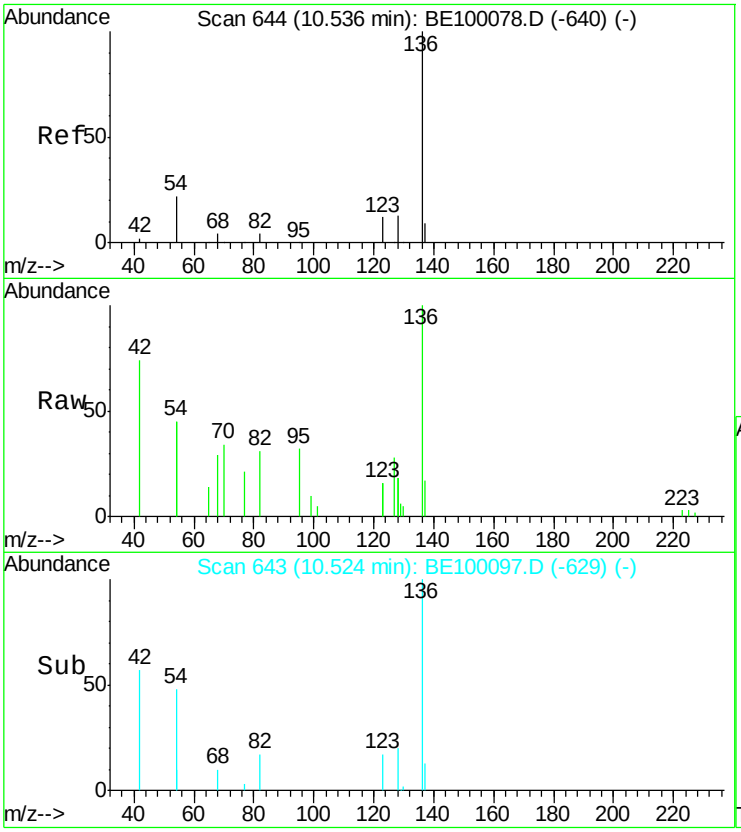


#6
bis(2-Chloroethyl)ether
Concen: 1.319 ng
RT: 7.15 min Scan# 372
Delta R.T. -0.04 min
Lab File: BE100097.D
Acq: 20 Jun 2019 00:04

Tgt Ion: 93 Resp: 3596

Ion	Ratio	Lower	Upper
93	100		
63	229.7	200.0	300.0
95	32.8	24.0	36.0



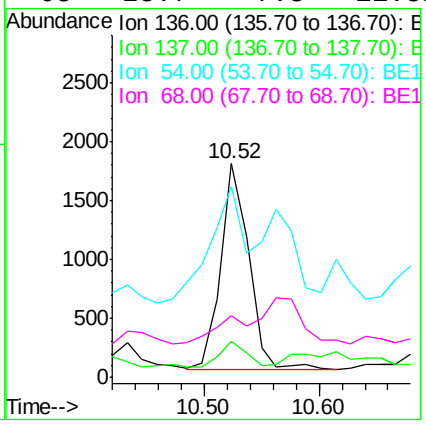


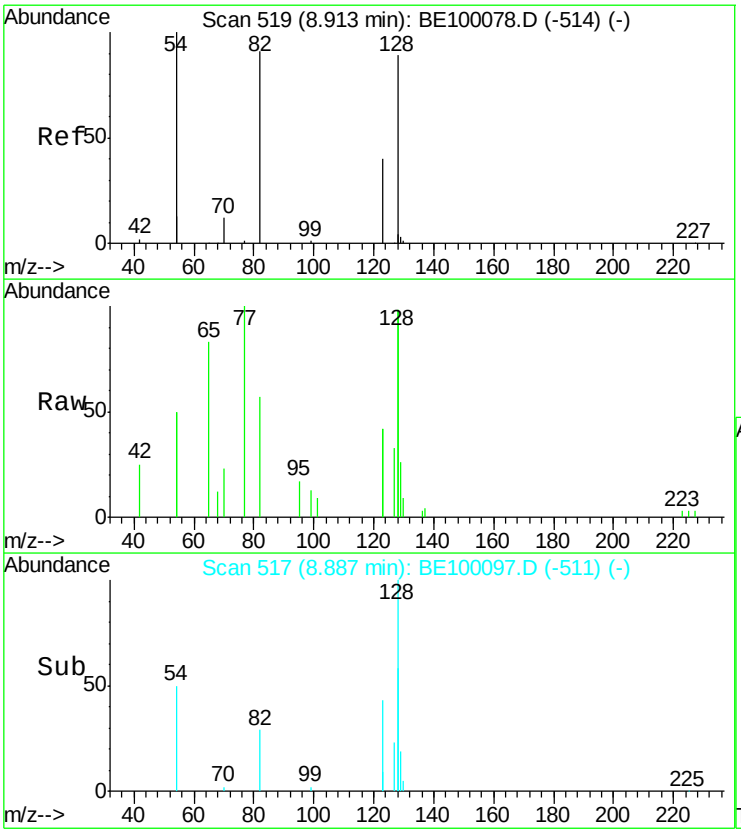
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.52 min Scan# 643
Delta R.T. -0.01 min
Lab File: BE100097.D
Acq: 20 Jun 2019 00:04

Instrument :
BNA_E
ClientSampleId :
SS043MW009-190610

Tgt Ion:136 Resp: 2995

Ion	Ratio	Lower	Upper
136	100		
137	17.0	11.6	17.4
54	89.1	33.9	50.9#
68	28.7	7.8	11.8#

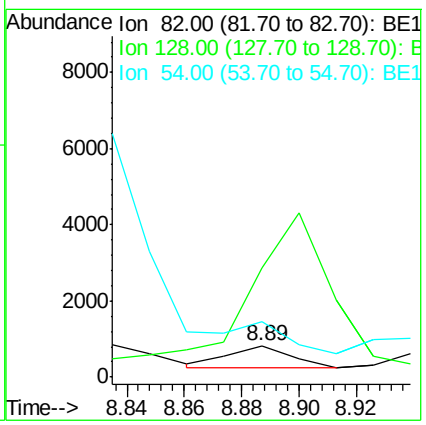


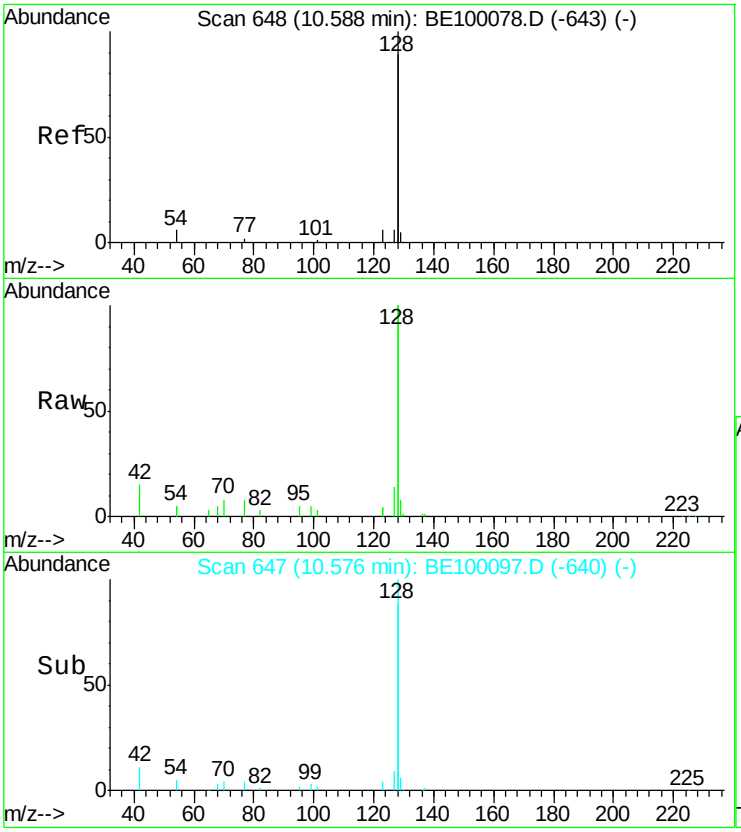


#8
Nitrobenzene-d5
Concen: 0.303 ng
RT: 8.89 min Scan# 517
Delta R.T. -0.03 min
Lab File: BE100097.D
Acq: 20 Jun 2019 00:04

Tgt Ion: 82 Resp: 879

Ion	Ratio	Lower	Upper
82	100		
128	345.3	128.0	192.0#
54	174.3	143.4	215.0



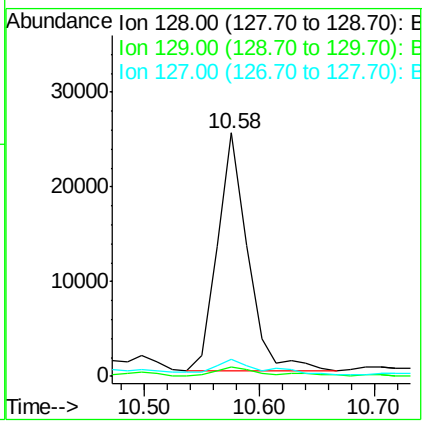


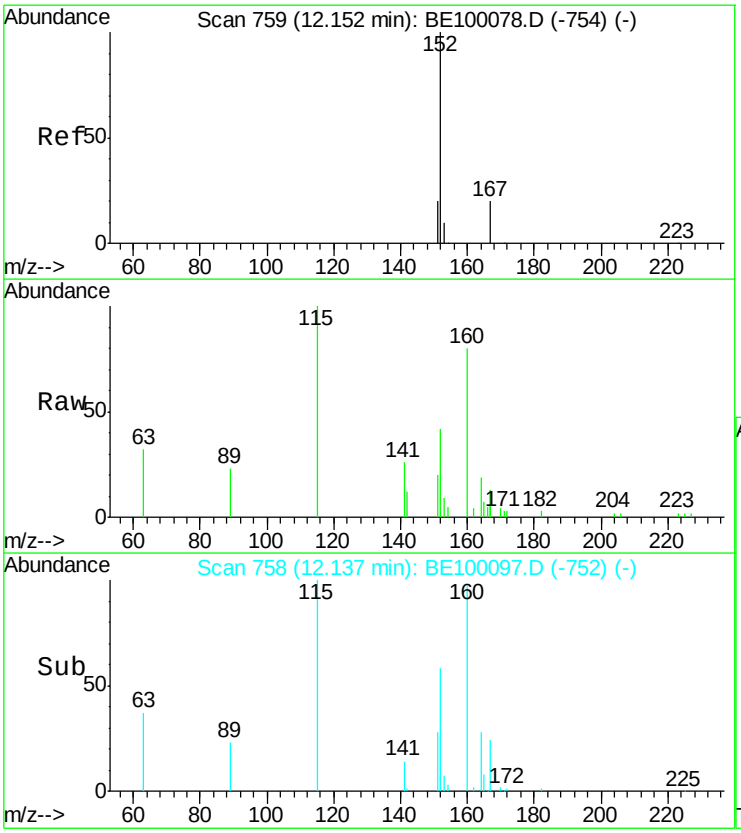
#9
Naphthalene
Concen: 1.435 ng
RT: 10.58 min Scan# 647
Delta R.T. -0.01 min
Lab File: BE100097.D
Acq: 20 Jun 2019 00:04

Instrument :
BNA_E
ClientSampleId :
SS043MW009-190610

Tgt Ion:128 Resp: 46715

Ion	Ratio	Lower	Upper
128	100		
129	3.9	3.1	4.7
127	6.8	3.4	5.2#

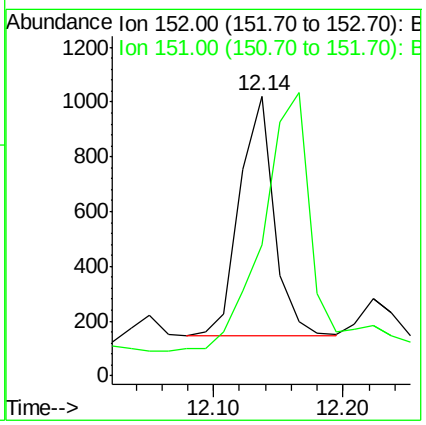


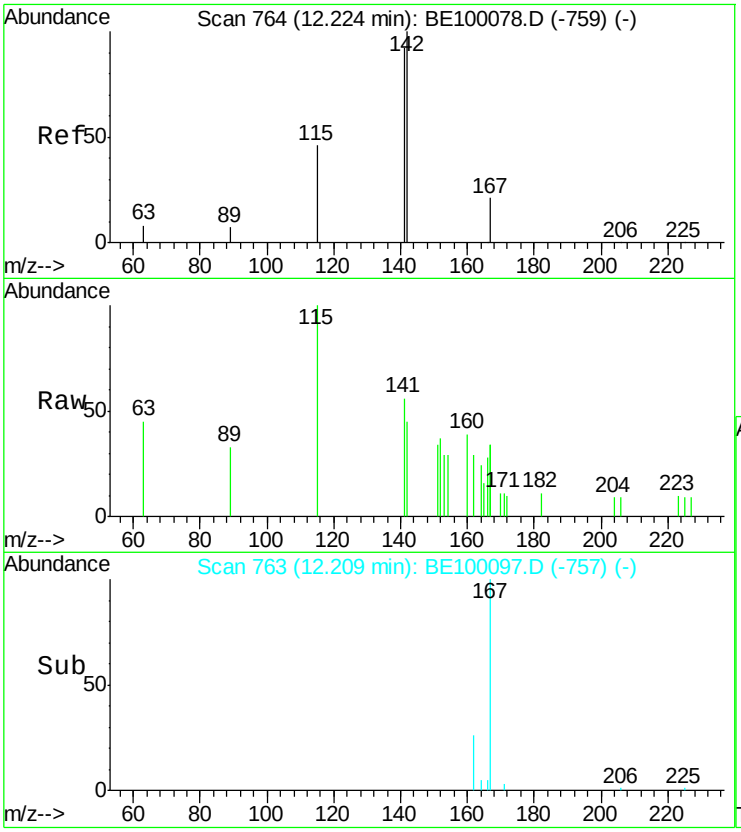


#11
2-Methylnaphthalene-d10
Concen: 0.284 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.01 min
Lab File: BE100097.D
Acq: 20 Jun 2019 00:04

Tgt Ion:152 Resp: 1615

Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.3	24.5#



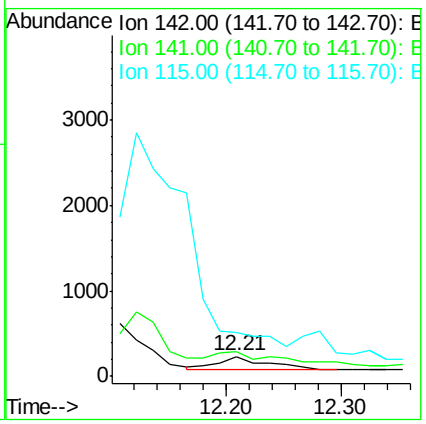


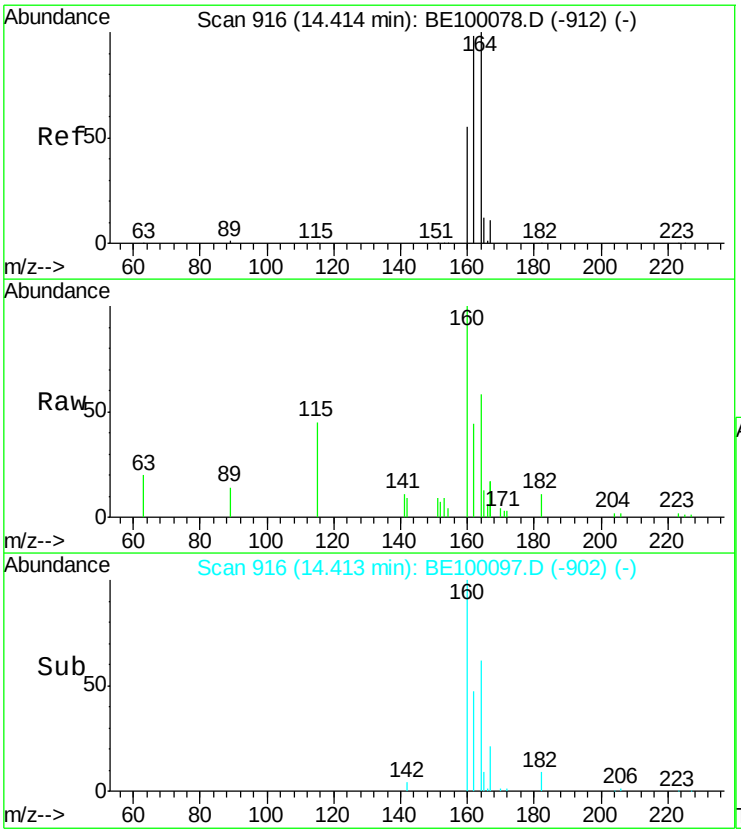
#12
2-Methylnaphthalene
Concen: 0.088 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE100097.D
Acq: 20 Jun 2019 00:04

Instrument :
BNA_E
ClientSampleId :
SS043MW009-190610

Tgt Ion:142 Resp: 469

Ion	Ratio	Lower	Upper
142	100		
141	123.6	74.1	111.1#
115	222.3	40.9	61.3#

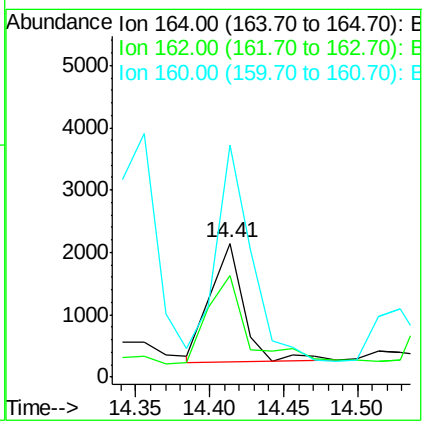


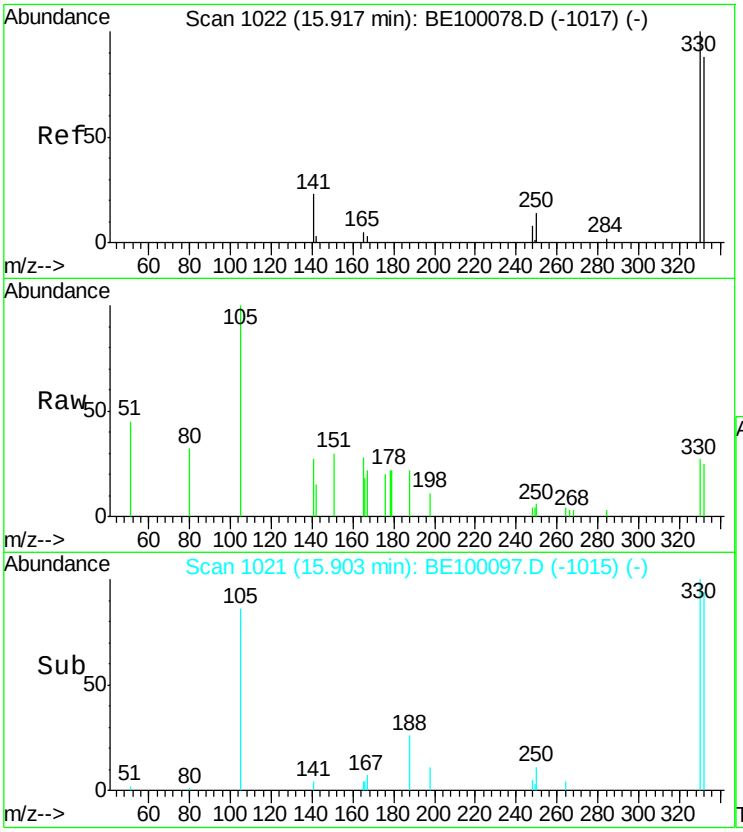


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.00 min
Lab File: BE100097.D
Acq: 20 Jun 2019 00:04

Tgt Ion:164 Resp: 3040

Ion	Ratio	Lower	Upper
164	100		
162	76.1	78.2	117.2#
160	173.9	45.6	68.4#



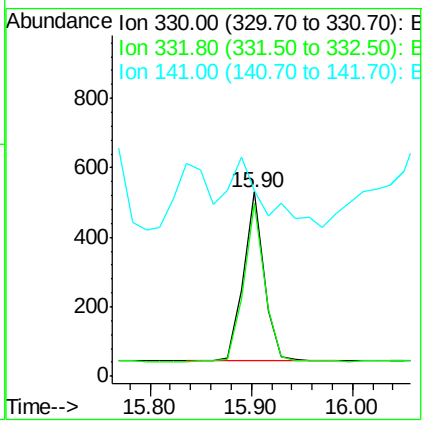


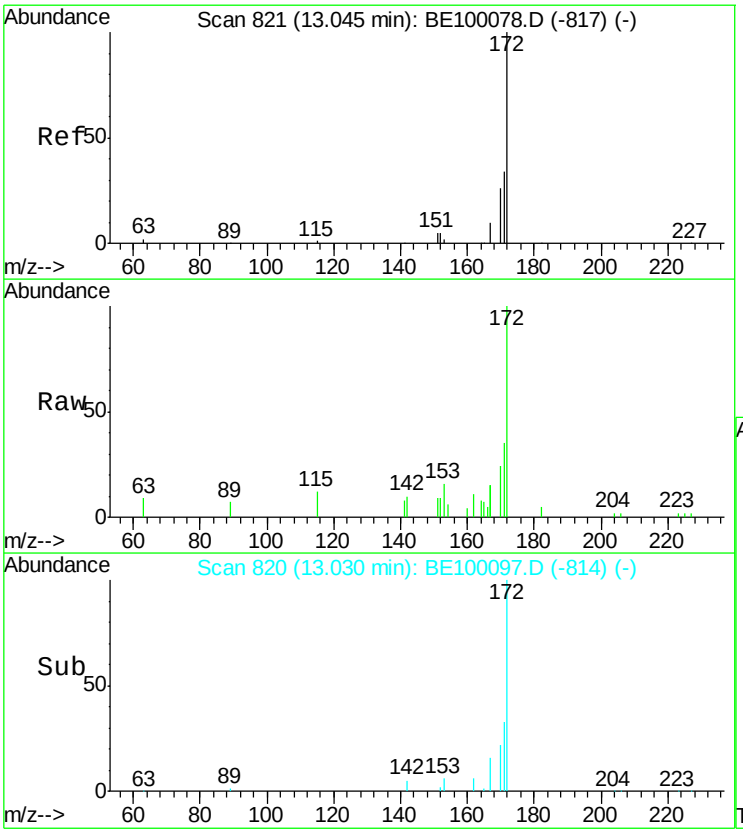
#14
2,4,6-Tribromophenol
Concen: 0.417 ng
RT: 15.90 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BE100097.D
Acq: 20 Jun 2019 00:04

Instrument :
BNA_E
ClientSampleId :
SS043MW009-190610

Tgt Ion:330 Resp: 700

Ion	Ratio	Lower	Upper
330	100		
332	94.0	73.3	109.9
141	65.9	22.2	33.2#

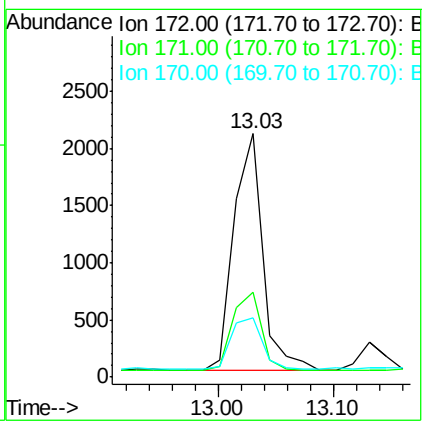


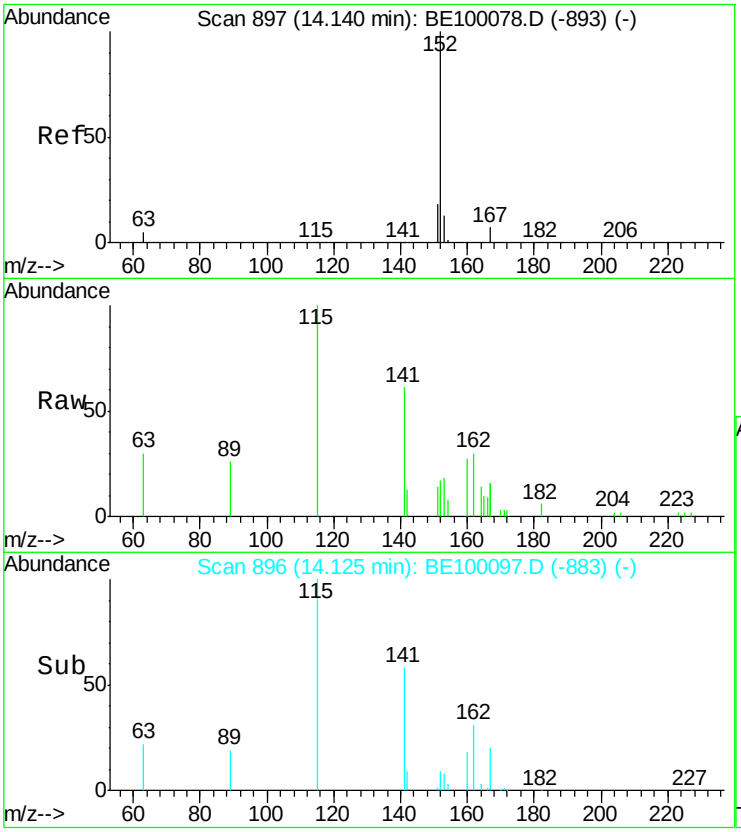


#15
2-Fluorobiphenyl
Concen: 0.303 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.01 min
Lab File: BE100097.D
Acq: 20 Jun 2019 00:04

Tgt Ion:172 Resp: 3618

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.8	44.8
170	24.3	23.2	34.8



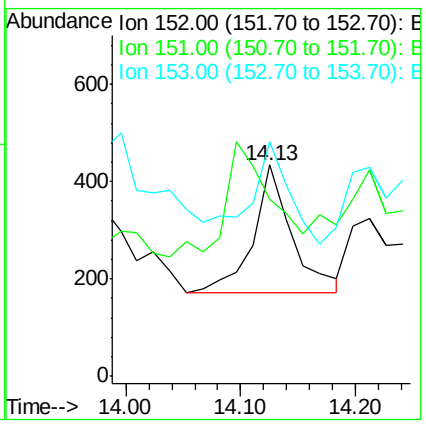


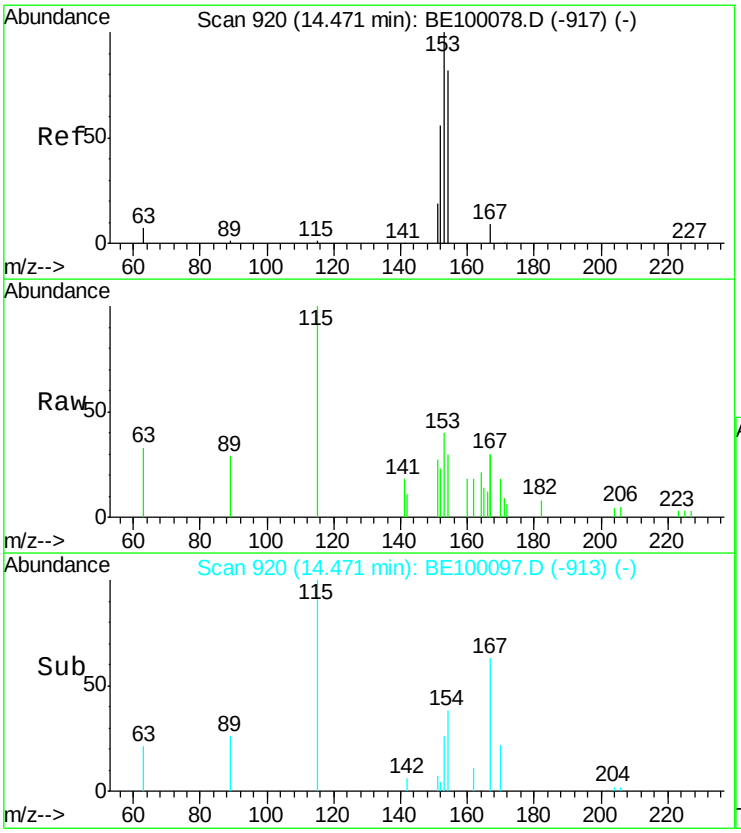
#16
Acenaphthylene
Concen: 0.043 ng
RT: 14.13 min Scan# 896
Delta R.T. -0.01 min
Lab File: BE100097.D
Acq: 20 Jun 2019 00:04

Instrument :
BNA_E
ClientSampleId :
SS043MW009-190610

Tgt Ion:152 Resp: 617

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.9	23.9#
153	64.5	10.1	15.1#

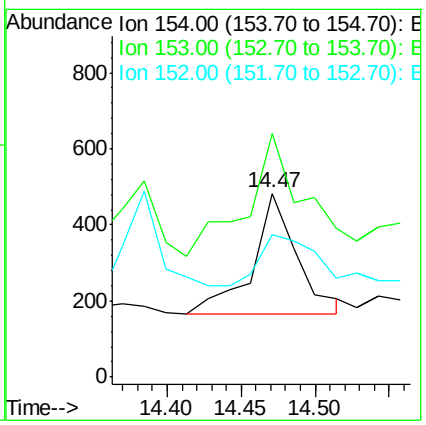


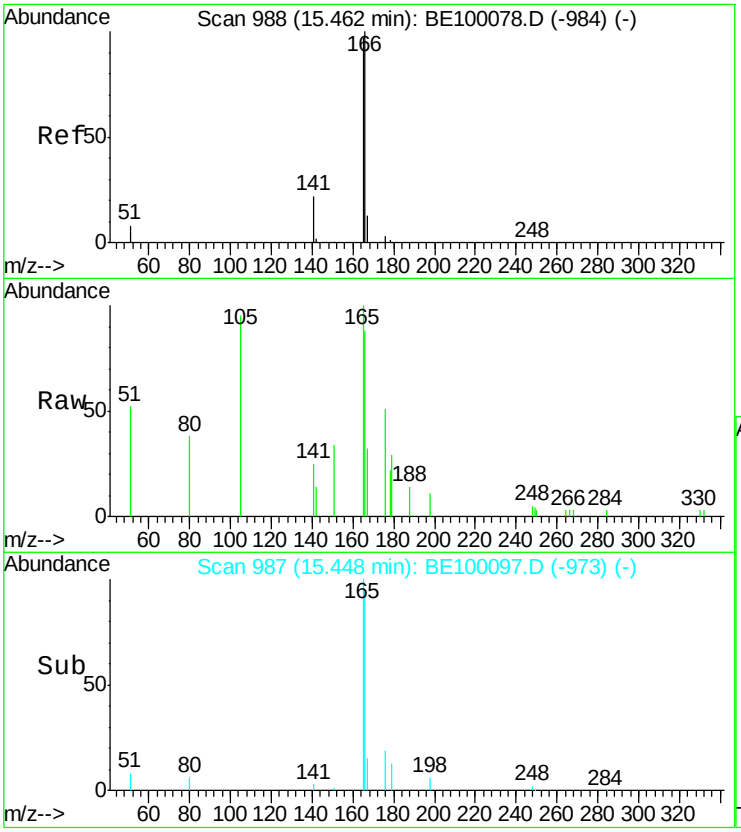


#17
Acenaphthene
Concen: 0.082 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100097.D
Acq: 20 Jun 2019 00:04

Tgt Ion:154 Resp: 658

Ion	Ratio	Lower	Upper
154	100		
153	129.0	95.5	143.3
152	51.7	54.9	82.3#



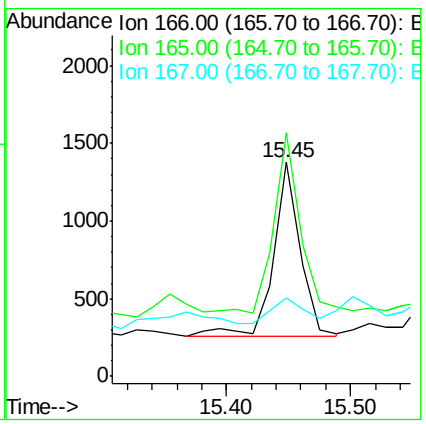


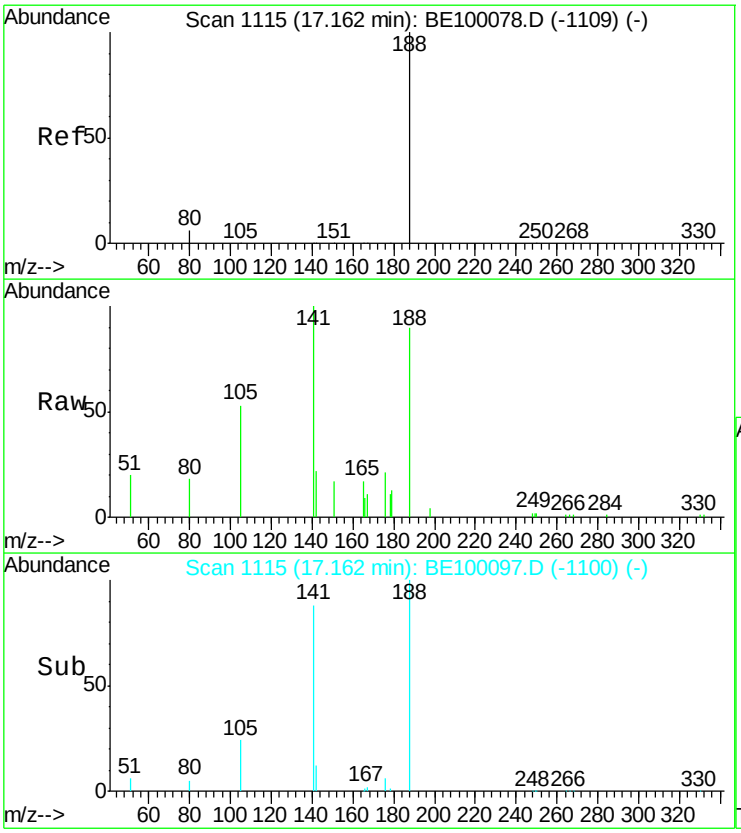
#18
Fluorene
Concen: 0.137 ng
RT: 15.45 min Scan# 987
Delta R.T. -0.01 min
Lab File: BE100097.D
Acq: 20 Jun 2019 00:04

Instrument :
BNA_E
ClientSampleId :
SS043MW009-190610

Tgt Ion:166 Resp: 1642

Ion	Ratio	Lower	Upper
166	100		
165	103.0	79.8	119.8
167	18.3	10.2	15.4#

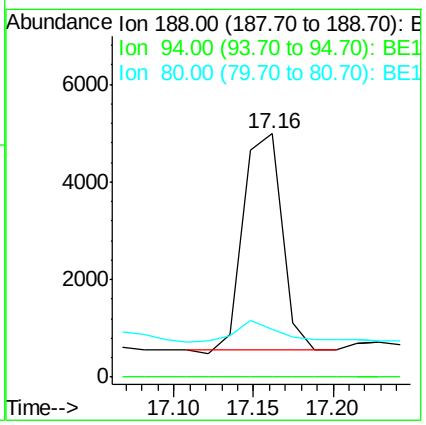


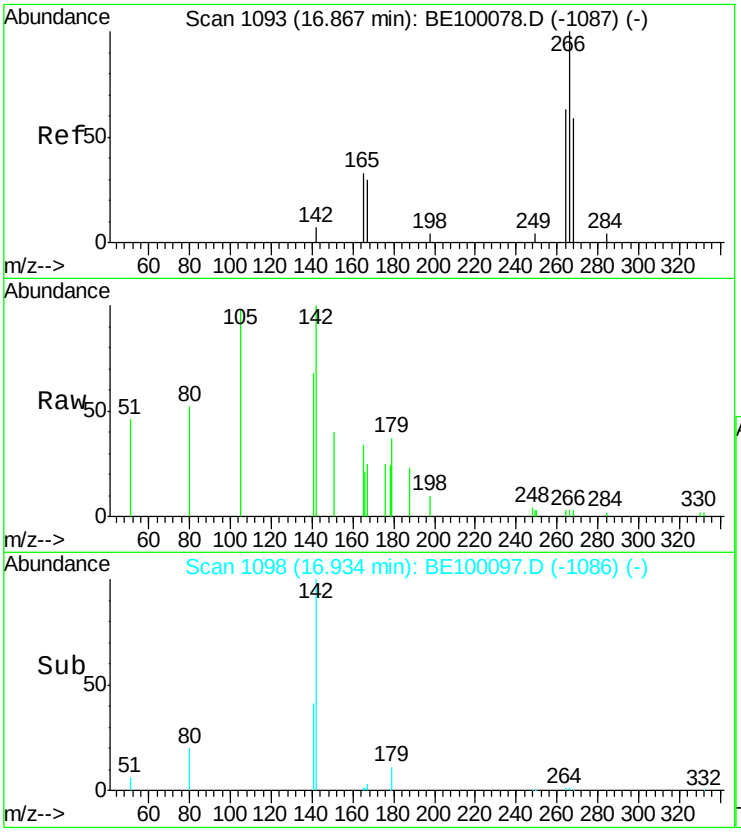


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.16 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE100097.D
Acq: 20 Jun 2019 00:04

Tgt Ion:188 Resp: 7556

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	19.8	6.3	9.5#



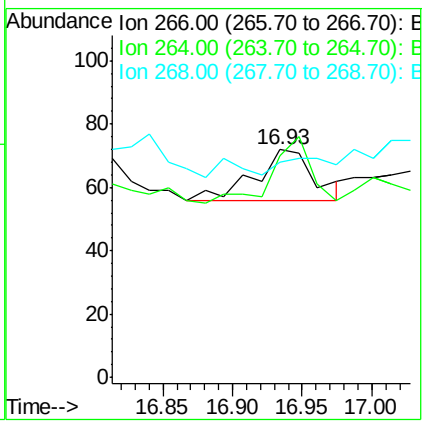


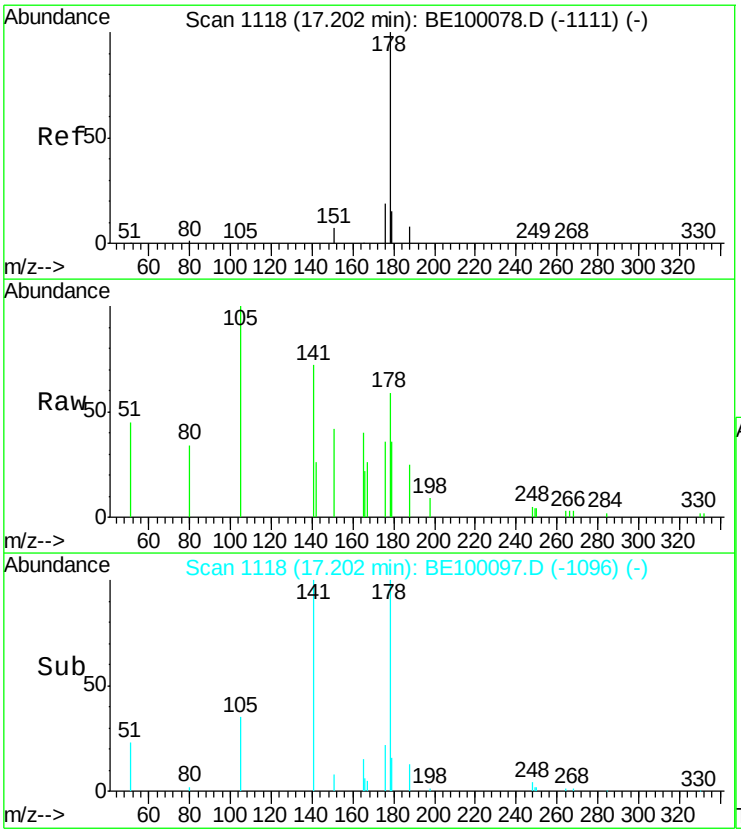
#22
Pentachlorophenol
Concen: 0.271 ng
RT: 16.93 min Scan# 1098
Delta R.T. 0.07 min
Lab File: BE100097.D
Acq: 20 Jun 2019 00:04

Instrument :
BNA_E
ClientSampleId :
SS043MW009-190610

Tgt Ion:266 Resp: 47

Ion	Ratio	Lower	Upper
266	100		
264	97.2	67.8	101.6
268	94.4	70.0	105.0

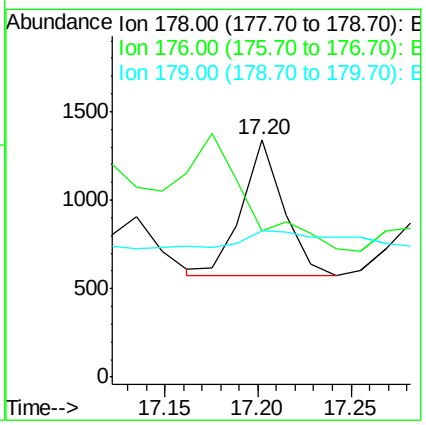


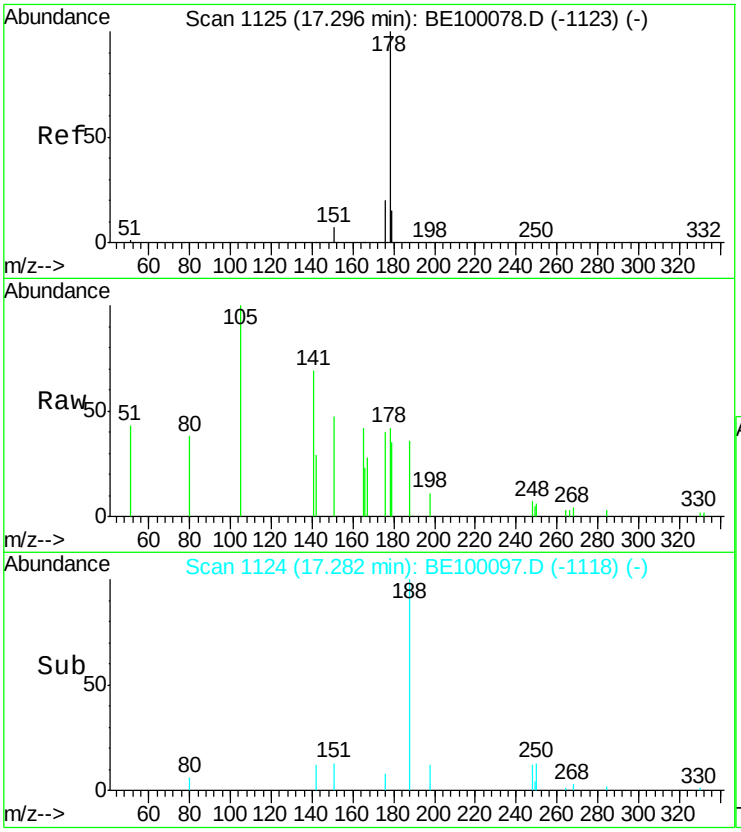


#23
Phenanthrene
Concen: 0.066 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100097.D
Acq: 20 Jun 2019 00:04

Tgt Ion:178 Resp: 1188

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.9	23.9#
179	43.0	13.1	19.7#



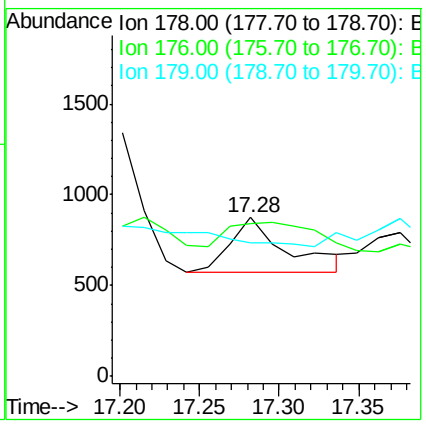


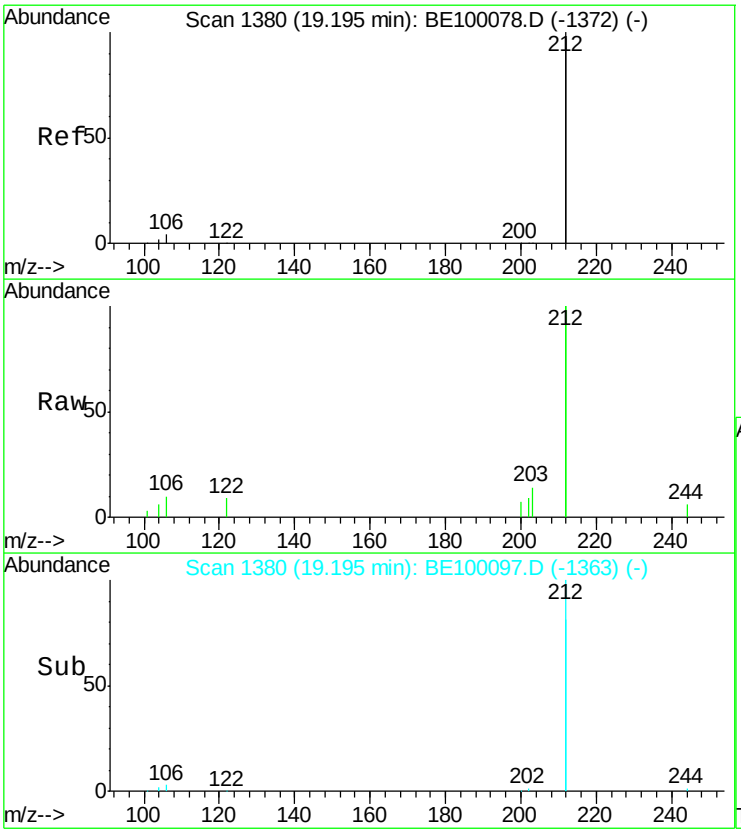
#24
Anthracene
Concen: 0.048 ng
RT: 17.28 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BE100097.D
Acq: 20 Jun 2019 00:04

Instrument :
BNA_E
ClientSampleId :
SS043MW009-190610

Tgt Ion:178 Resp: 727

Ion	Ratio	Lower	Upper
178	100		
176	88.0	15.8	23.6#
179	0.0	12.0	18.0#

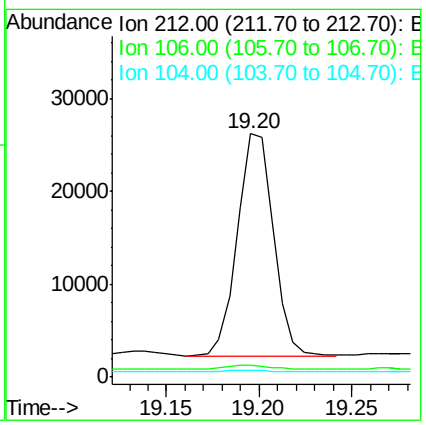


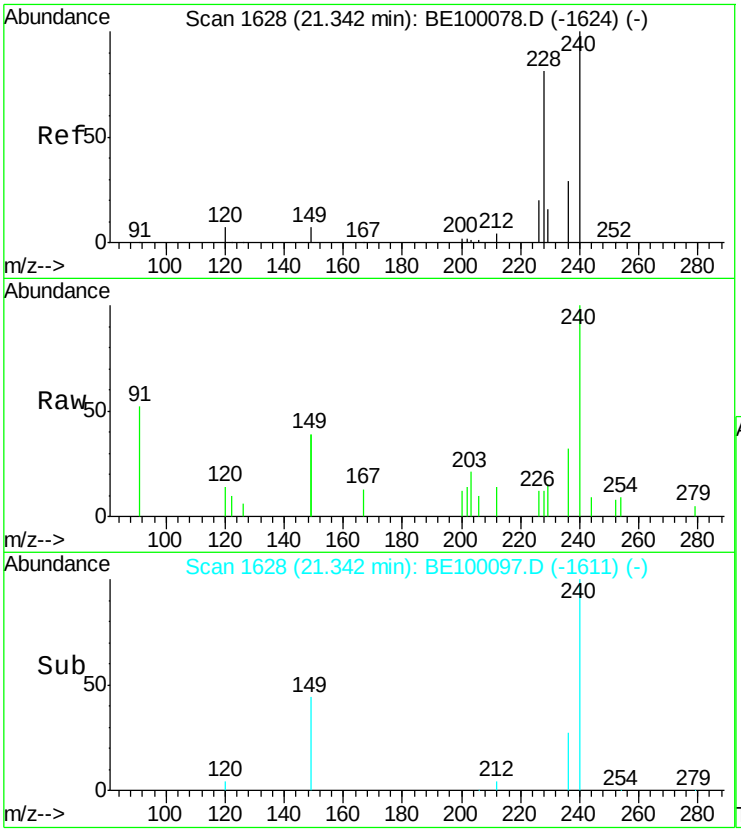


#25
Fluoranthene-d10
Concen: 0.301 ng
RT: 19.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BE100097.D
Acq: 20 Jun 2019 00:04

Tgt Ion:212 Resp: 32518

Ion	Ratio	Lower	Upper
212	100		
106	2.0	1.4	2.0
104	1.1	0.8	1.2



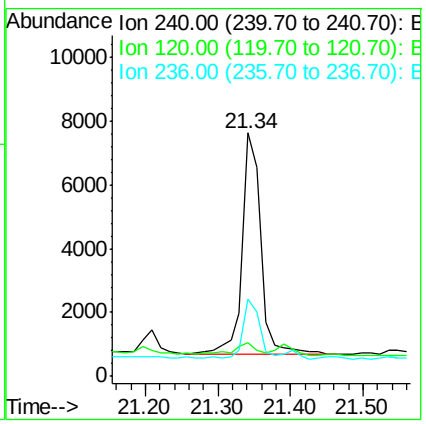


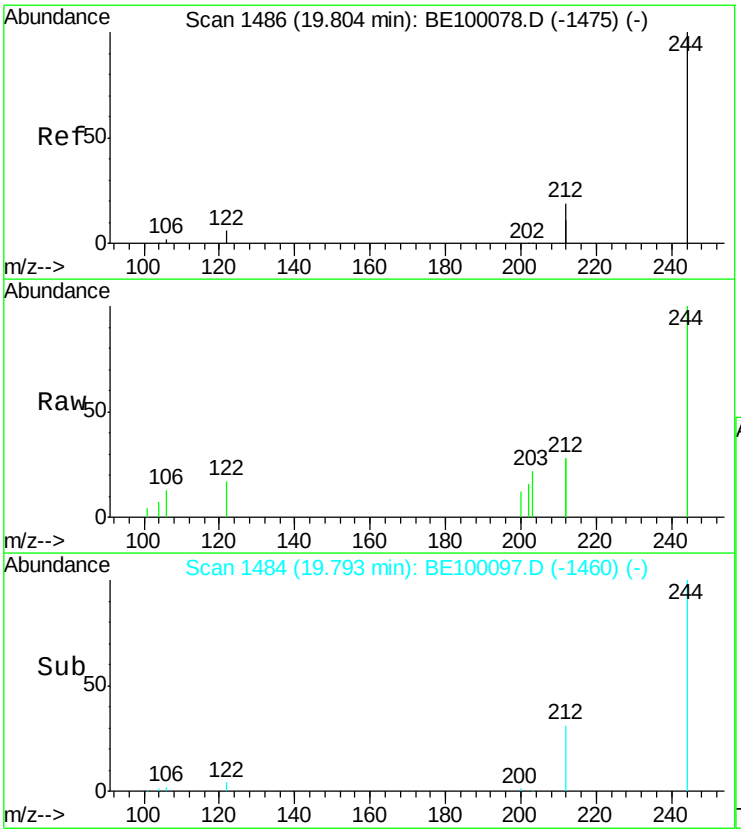
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE100097.D
Acq: 20 Jun 2019 00:04

Instrument :
BNA_E
ClientSampleId :
SS043MW009-190610

Tgt Ion:240 Resp: 12520

Ion	Ratio	Lower	Upper
240	100		
120	13.8	6.6	10.0#
236	31.7	23.8	35.6

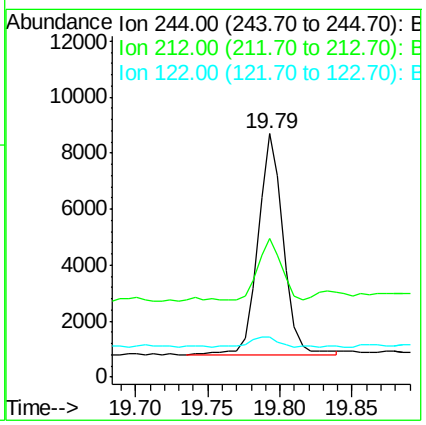


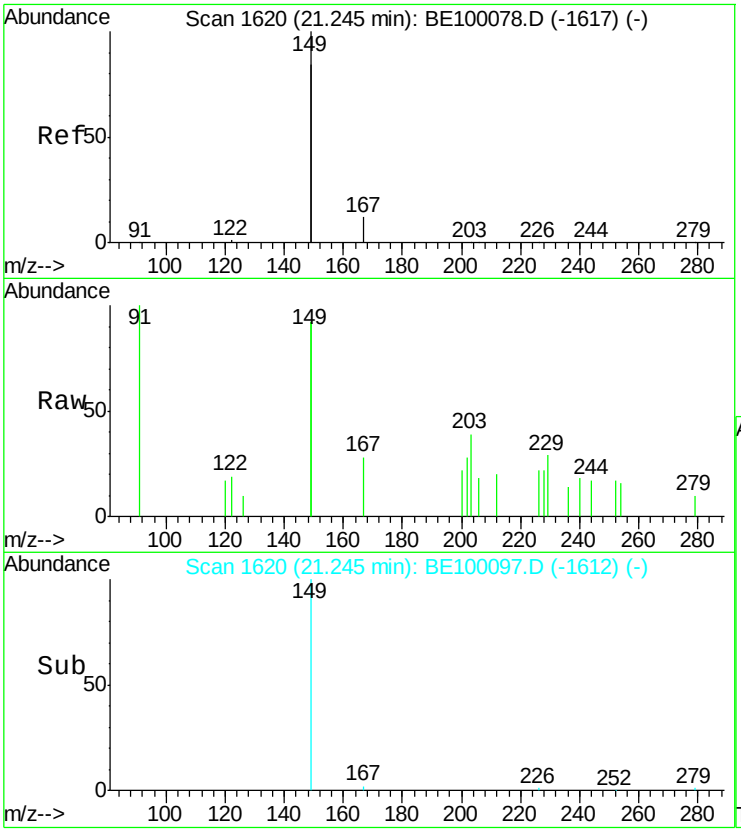


#29
Terphenyl-d14
Concen: 0.394 ng
RT: 19.79 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE100097.D
Acq: 20 Jun 2019 00:04

Tgt Ion:244 Resp: 9868

Ion	Ratio	Lower	Upper
244	100		
212	56.8	29.8	44.8#
122	16.5	6.1	9.1#



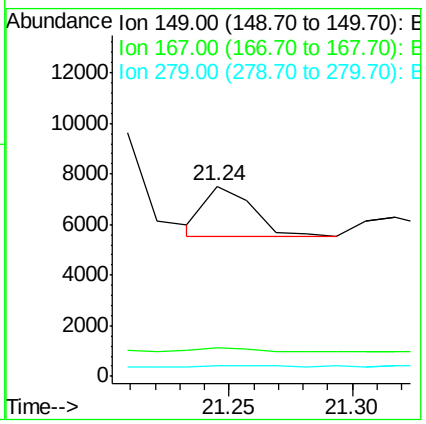


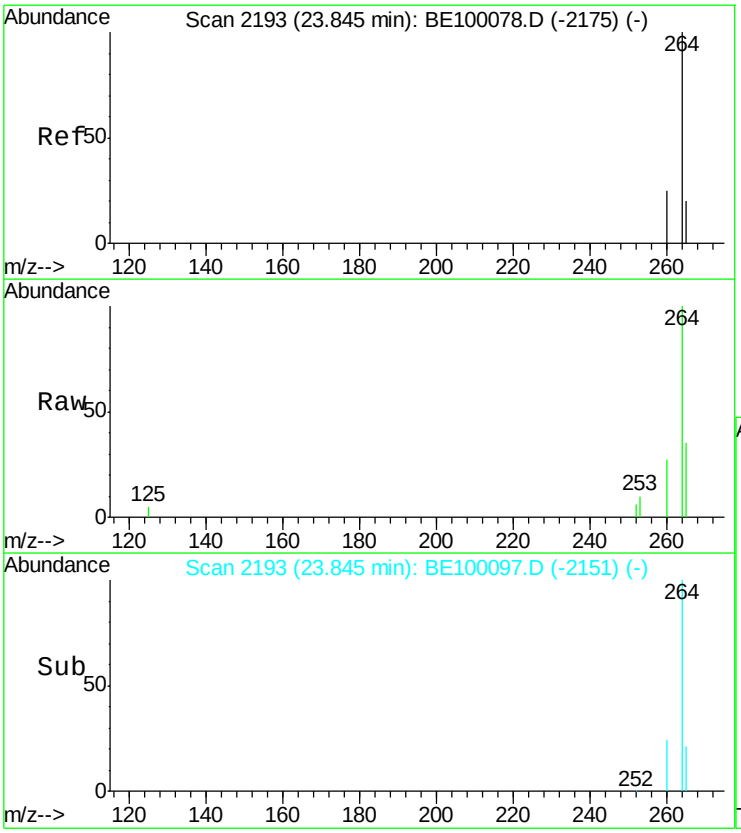
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.075 ng
RT: 21.24 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BE100097.D
Acq: 20 Jun 2019 00:04

Instrument :
BNA_E
ClientSampleId :
SS043MW009-190610

Tgt Ion:149 Resp: 2638

Ion	Ratio	Lower	Upper
149	100		
167	10.7	5.8	8.6#
279	3.4	1.1	1.7#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BE100097.D
Acq: 20 Jun 2019 00:04

Tgt Ion:264 Resp: 12032

Ion	Ratio	Lower	Upper
264	100		
260	27.0	20.8	31.2
265	34.5	23.2	34.8