Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071619\
Data File : BE100436.D
Acq On : 16 Jul 2019 8:32
Operator : HP/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.1

Quant Time: Jul 16 13:13:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 16 12:52:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	4375	0.40	ng		0.00
7) Naphthalene-d8	10.68	136	17360	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	8912	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	25321	0.40	ng		0.00
27) Chrysene-d12	21.39	240	24110	0.40	ng		0.00
34) Perylene-d12	23.89	264	22688	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	887	0.10	ng		0.00
5) Phenol-d6	7.04	99	1271	0.10	ng		0.00
8) Nitrobenzene-d5	9.03	82	1000	0.11	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	2694	0.07	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	200	0.09	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	4536	0.11	ng		0.00
25) Fluoranthene-d10	19.25	212	28859	0.06	ng		0.00
29) Terphenyl-d14	19.86	244	6579	0.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	1106	0.176	ng	#	75
6) bis(2-Chloroethyl)ether	7.31	93	1368	0.110	ng		99
9) Naphthalene	10.73	128	18108	0.107	ng		99
10) Hexachlorobutadiene	11.03	225	915	0.113	ng		98
12) 2-Methylnaphthalene	12.34	142	2926	0.103	ng		97
16) Acenaphthylene	14.23	152	3432	0.093	ng		99
17) Acenaphthene	14.57	154	2551	0.101	ng		96
18) Fluorene	15.54	166	3251	0.101	ng		99
20) 4-Bromophenyl-phenylether	16.44	248	1291	0.100	ng	#	64
21) Hexachlorobenzene	16.55	284	1515	0.102	ng		98
23) Phenanthrene	17.27	178	6996	0.106	ng		100
24) Anthracene	17.36	178	5300	0.095	ng		99
26) Fluoranthene	19.29	202	7661	0.090	ng		99
28) Pyrene	19.64	202	7777	0.110	ng		99
30) Benzo(a)anthracene	21.38	228	6428	0.097	ng		99
31) Chrysene	21.43	228	8333	0.107	ng		99
32) Bis(2-ethylhexyl)phthalate	21.32	149	5178	0.102	ng	#	96
33) Indeno(1,2,3-cd)pyrene	26.53	276	6440	0.092	ng		98
35) Benzo(b)fluoranthene	23.12	252	6784	0.095	ng	#	93
36) Benzo(k)fluoranthene	23.17	252	6443	0.086	ng		96
37) Benzo(a)pyrene	23.78	252	4998	0.084	ng	#	91
38) Dibenzo(a,h)anthracene	26.56	278	5153	0.083	ng	#	91
39) Benzo(g,h,i)perylene	27.33	276	6096	0.094	ng		95

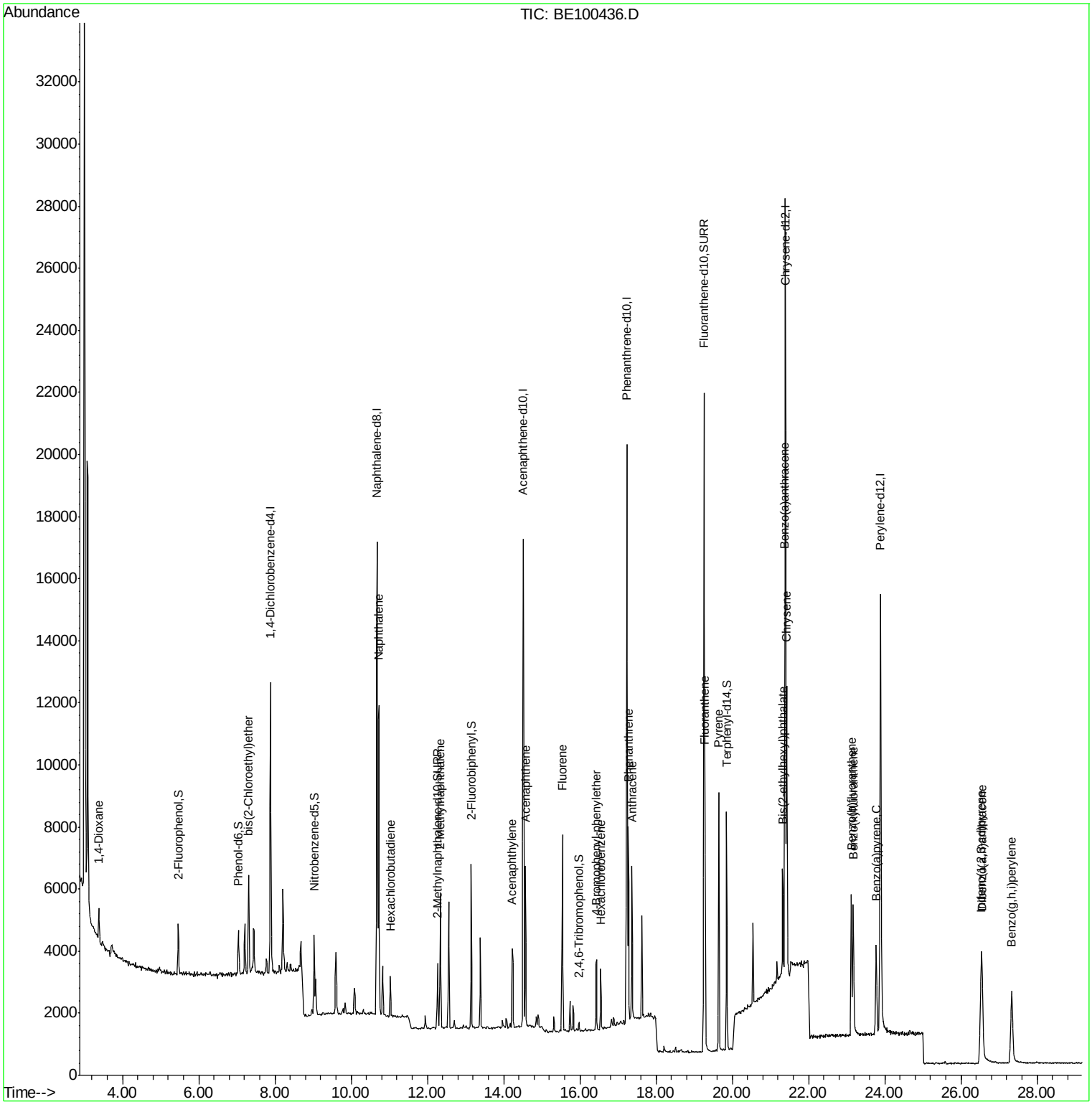
(#) = qualifier out of range (m) = manual integration (+) = signals summed

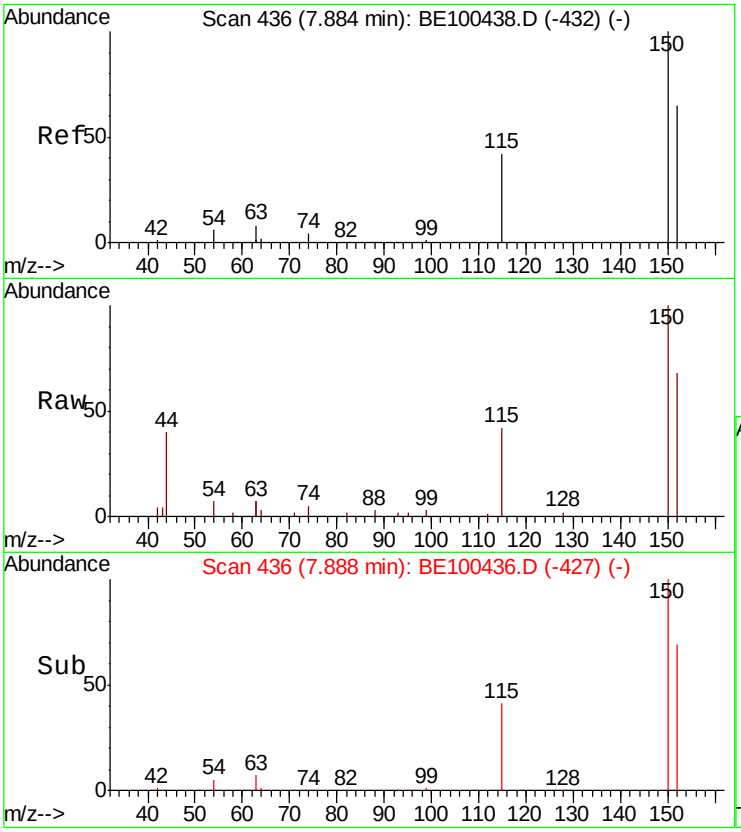
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071619\
Data File : BE100436.D
Acq On : 16 Jul 2019 8:32
Operator : HP/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Quant Time: Jul 16 13:13:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 16 12:52:21 2019
Response via : Initial Calibration



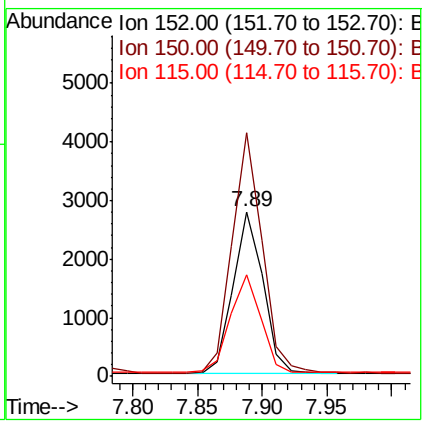


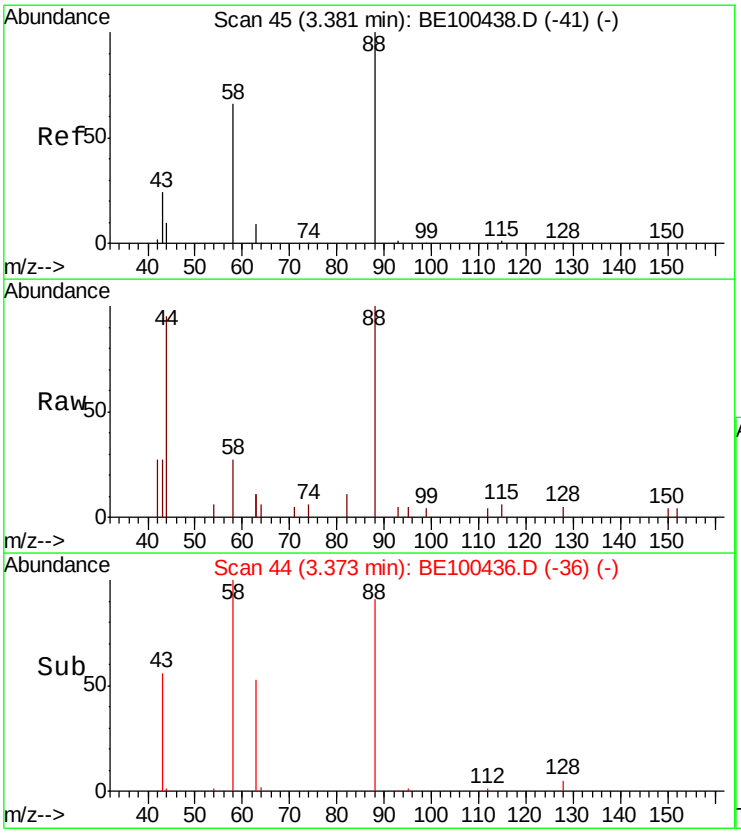
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. 0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 4375

Ion	Ratio	Lower	Upper
152	100		
150	147.8	121.7	182.5
115	61.9	52.4	78.6

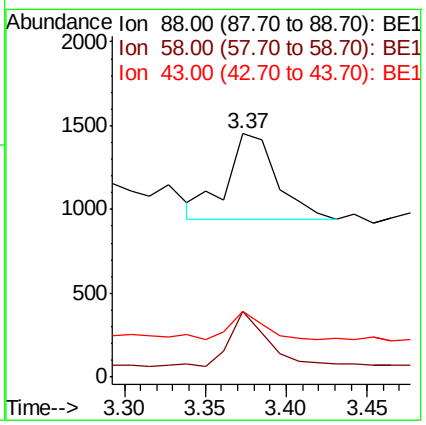


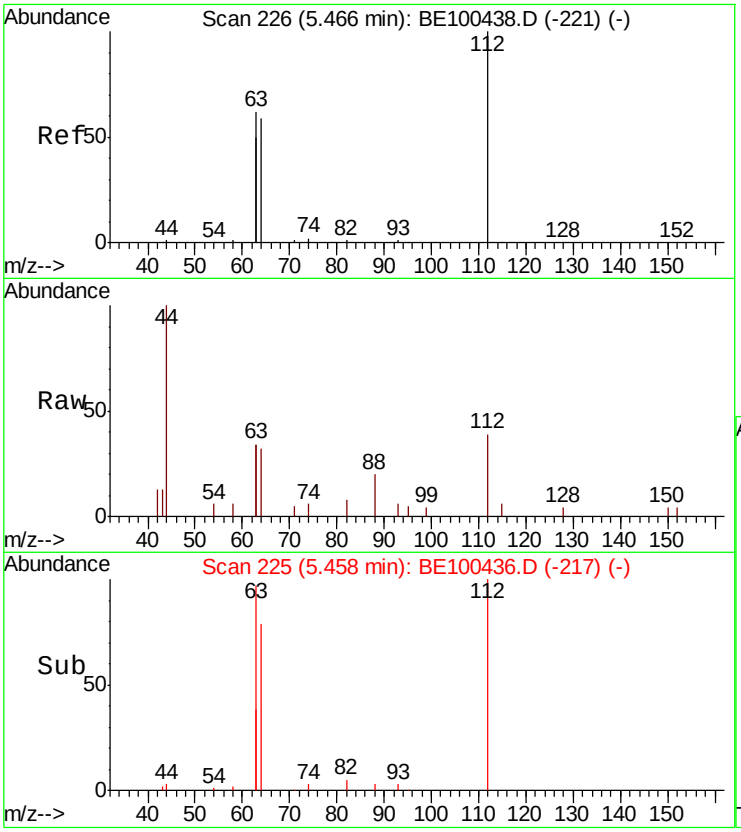


#2
1,4-Dioxane
Concen: 0.176 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.01 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Tgt Ion: 88 Resp: 1106

Ion	Ratio	Lower	Upper
88	100		
58	49.4	57.8	86.8#
43	20.8	25.0	37.6#



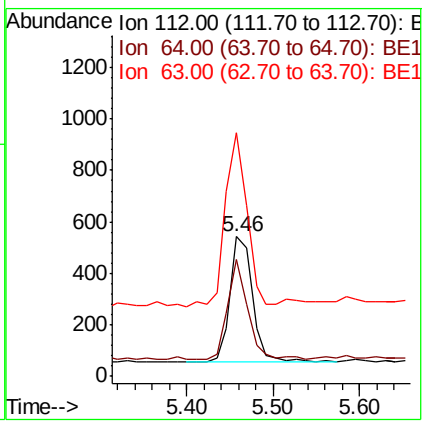


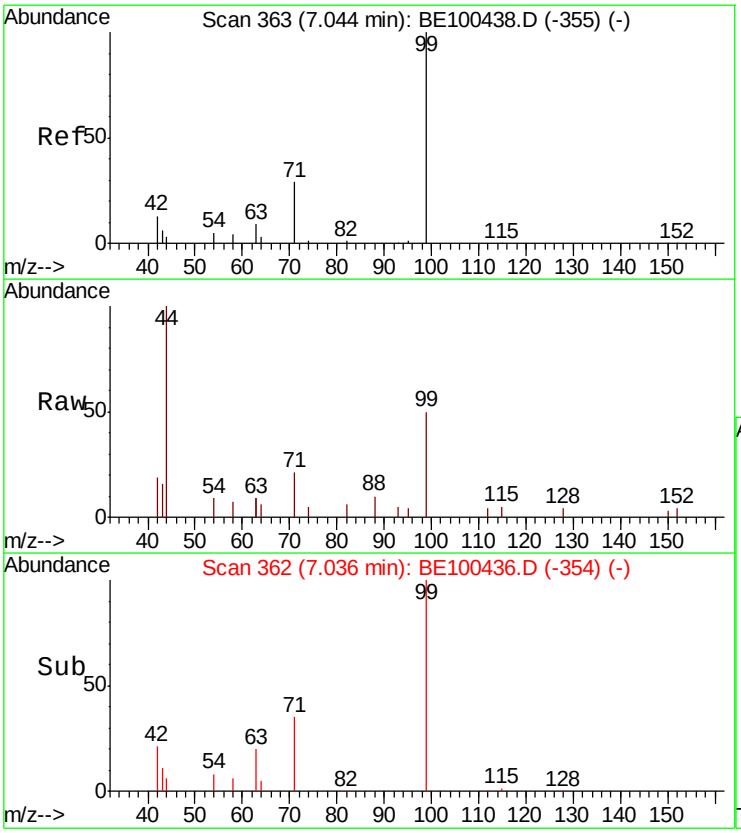
#4
2-Fluorophenol
Concen: 0.100 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.01 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:112 Resp: 887

Ion	Ratio	Lower	Upper
112	100		
64	70.7	55.0	82.4
63	132.0	114.8	172.2

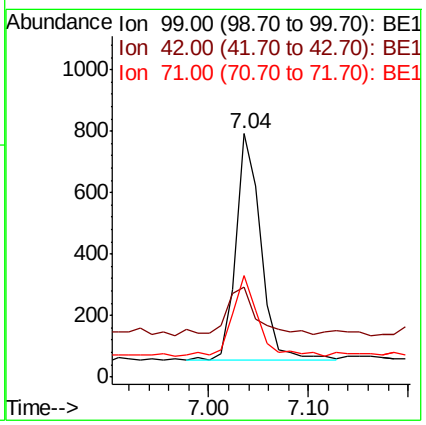


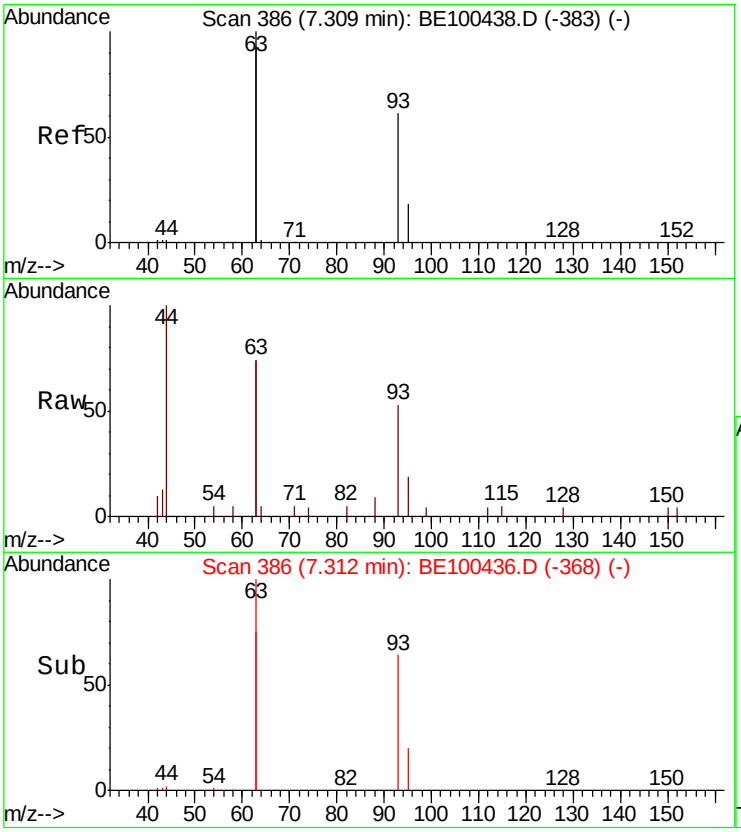


#5
Phenol-d6
Concen: 0.099 ng
RT: 7.04 min Scan# 362
Delta R.T. -0.01 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Tgt Ion: 99 Resp: 1271

Ion	Ratio	Lower	Upper
99	100		
42	26.6	17.4	26.2#
71	38.2	28.2	42.4



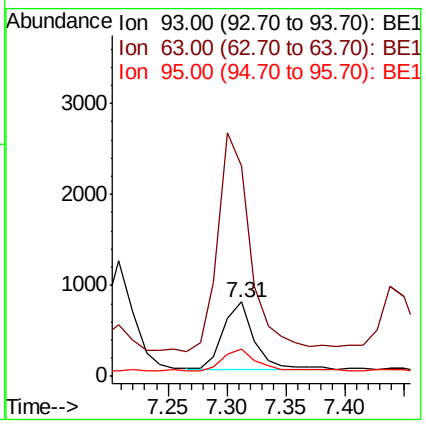


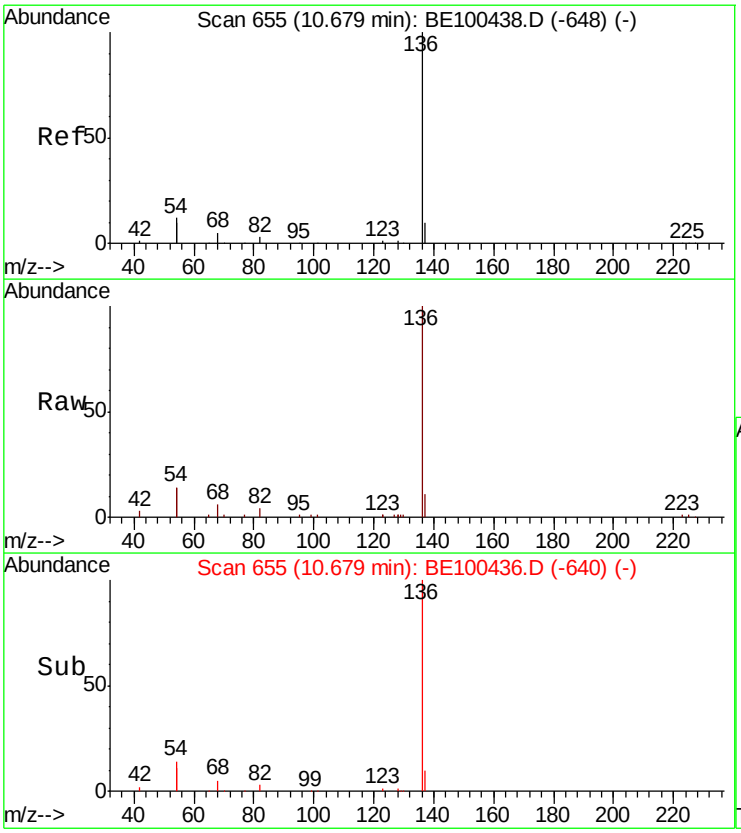
#6
bis(2-Chloroethyl)ether
Concen: 0.110 ng
RT: 7.31 min Scan# 386
Delta R.T. 0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 93 Resp: 1368

Ion	Ratio	Lower	Upper
93	100		
63	333.0	266.9	400.3
95	31.1	26.8	40.2

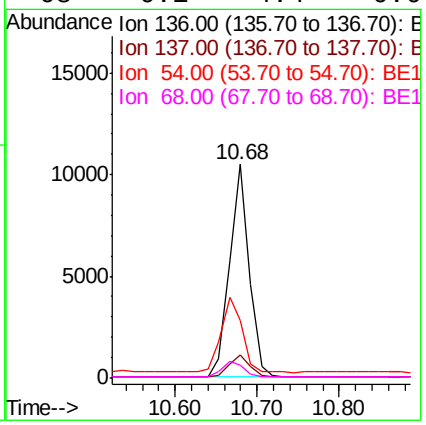


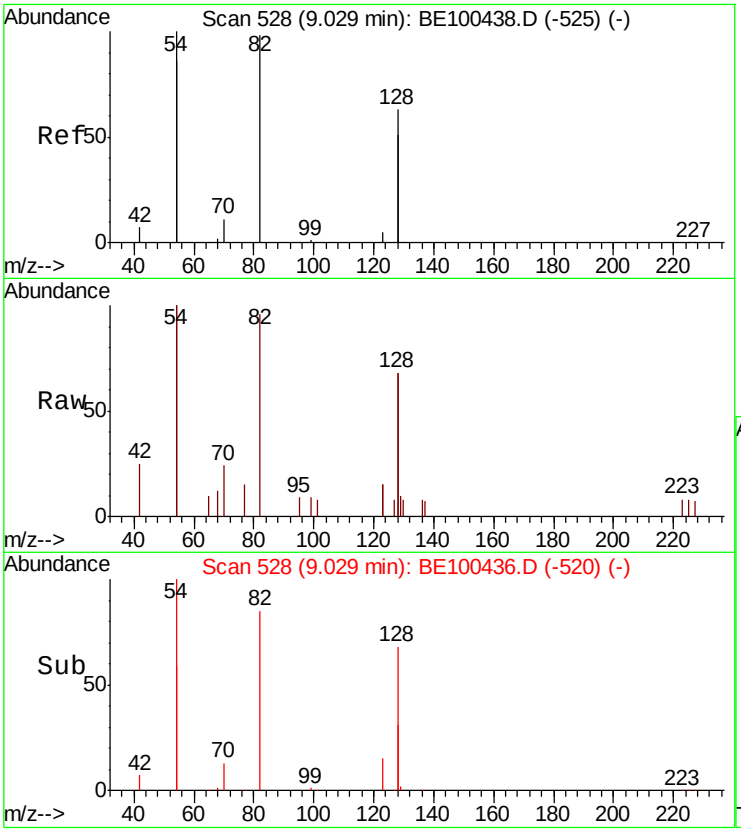


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Tgt Ion:136 Resp: 17360

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	27.1	19.6	29.4
68	6.1	4.4	6.6



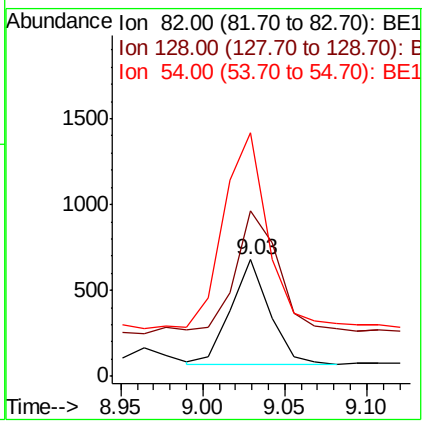


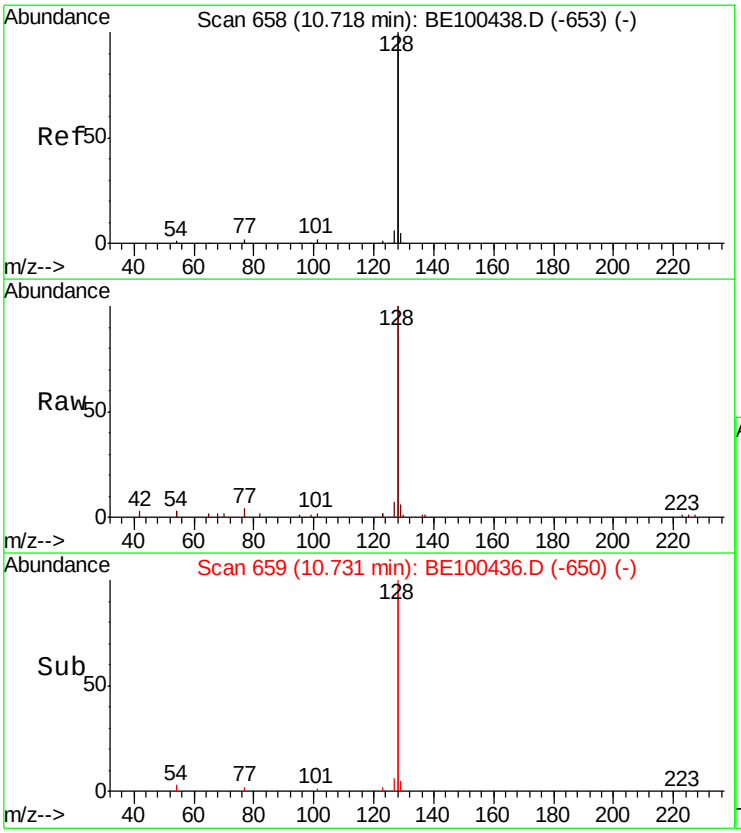
#8
Nitrobenzene-d5
Concen: 0.113 ng
RT: 9.03 min Scan# 528
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 82 Resp: 1000

Ion	Ratio	Lower	Upper
82	100		
128	142.5	97.9	146.9
54	209.1	155.0	232.6

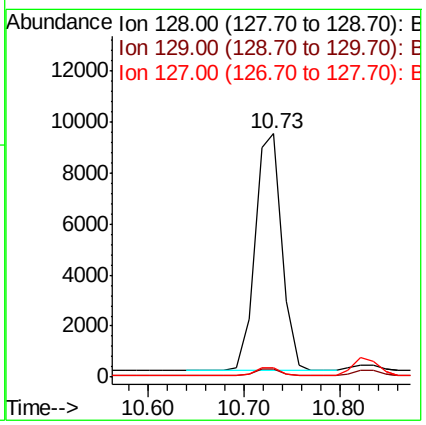


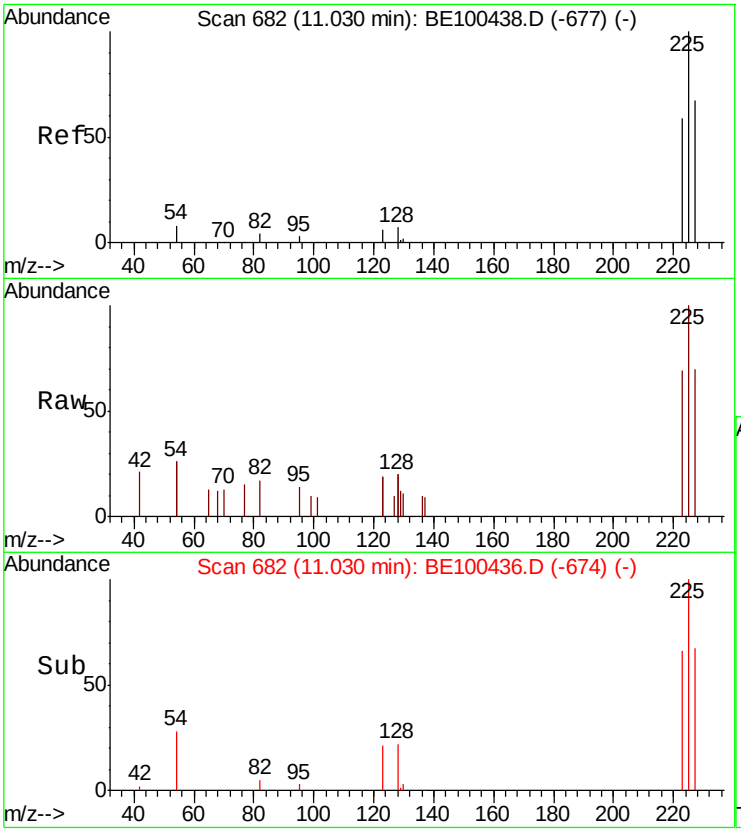


#9
Naphthalene
Concen: 0.107 ng
RT: 10.73 min Scan# 659
Delta R.T. 0.01 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Tgt Ion:128 Resp: 18108

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.2	3.4
127	3.6	2.7	4.1



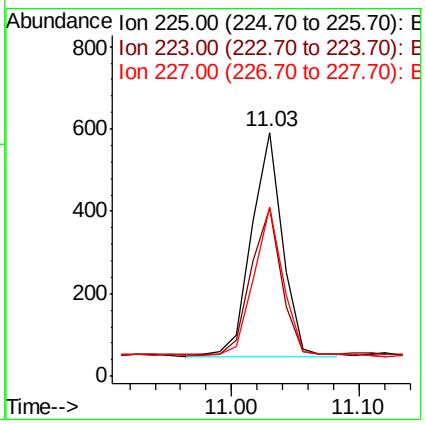


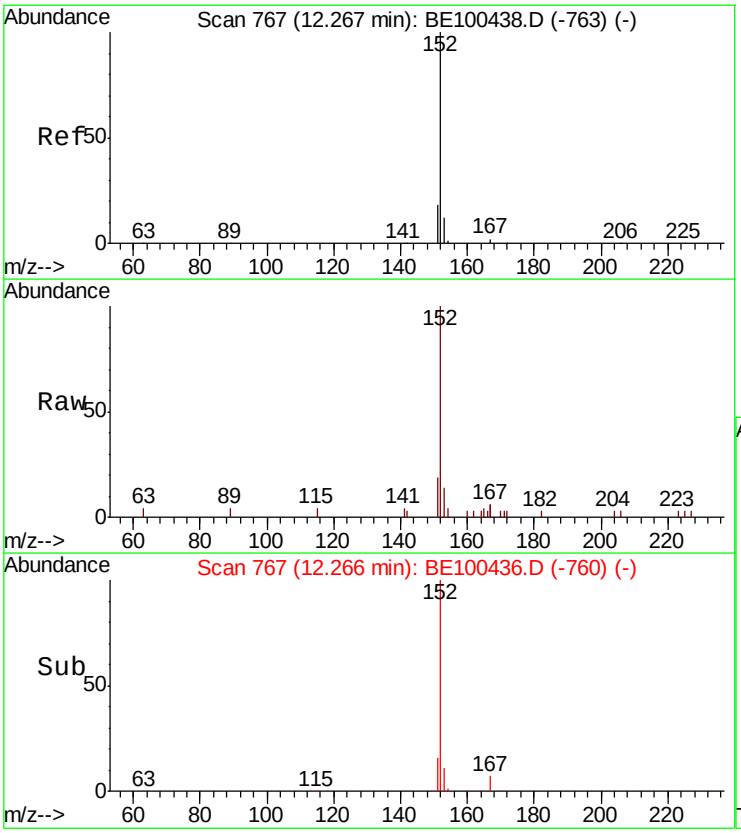
#10
Hexachlorobutadiene
Concen: 0.113 ng
RT: 11.03 min Scan# 682
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:225 Resp: 915

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.8	74.8
227	62.4	52.3	78.5

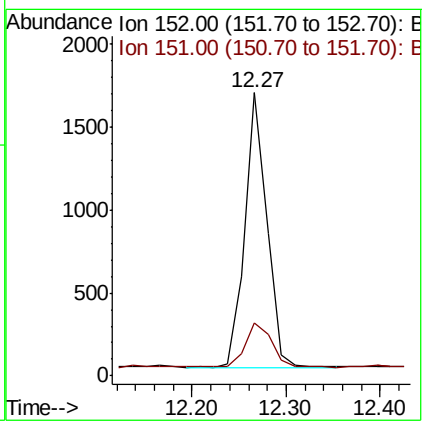


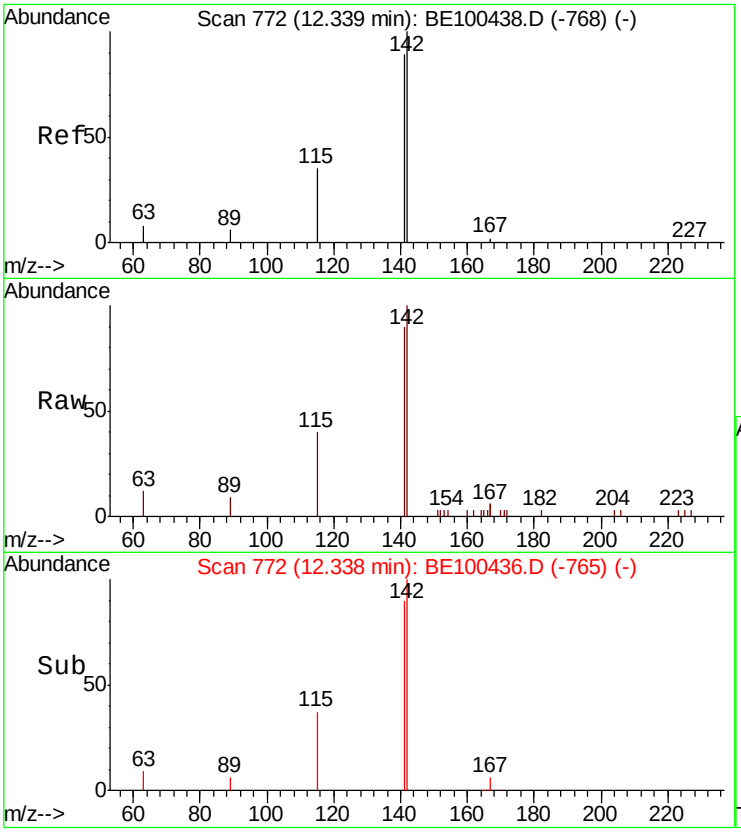


#11
2-Methylnaphthalene-d10
Concen: 0.070 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Tgt Ion:152 Resp: 2694

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0



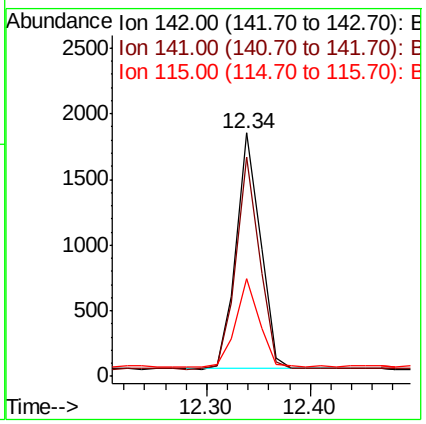


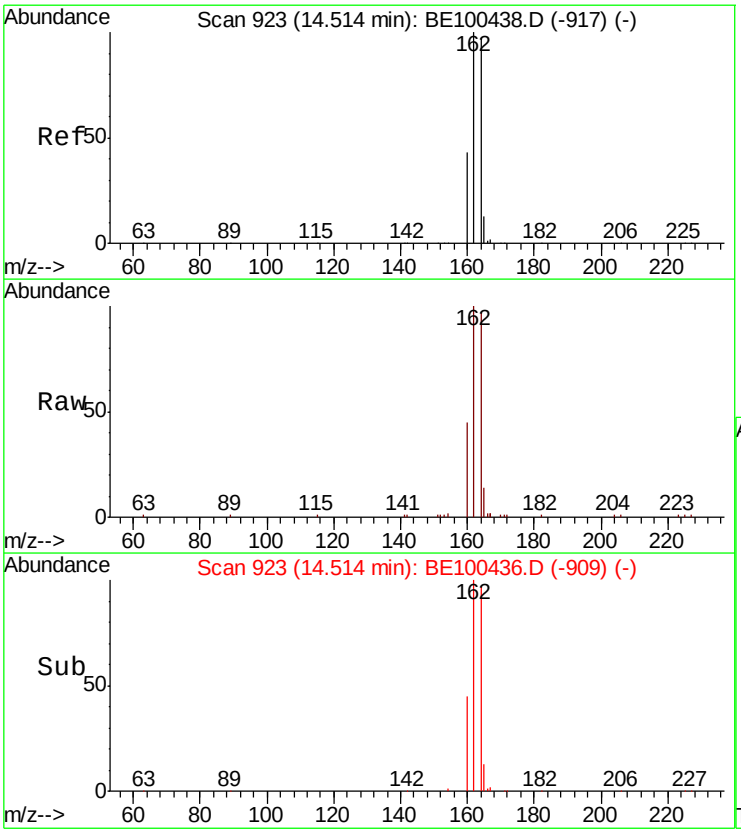
#12
2-Methylnaphthalene
Concen: 0.103 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:142 Resp: 2926

Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.9	106.3
115	40.2	29.0	43.4

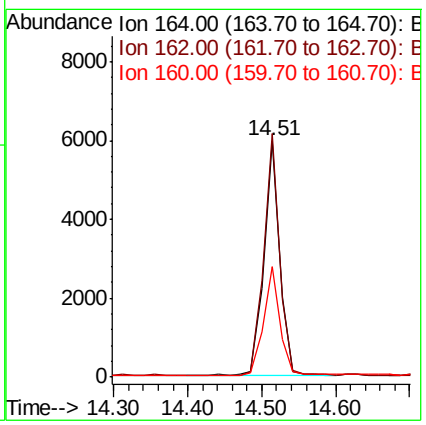


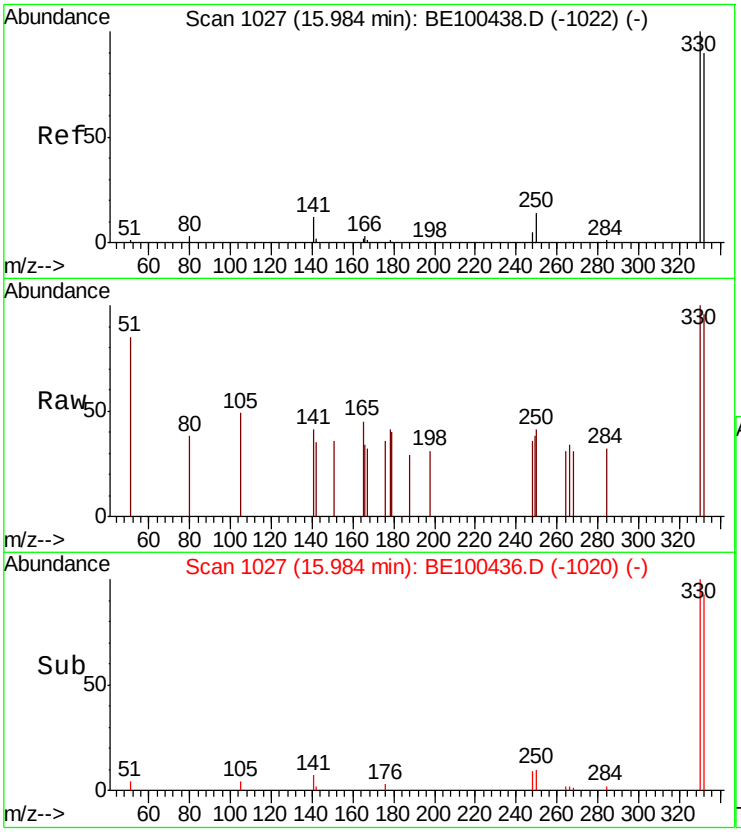


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Tgt Ion:164 Resp: 8912

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	124.0
160	46.9	35.6	53.4



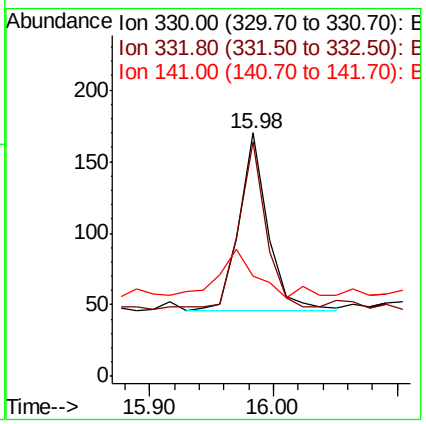


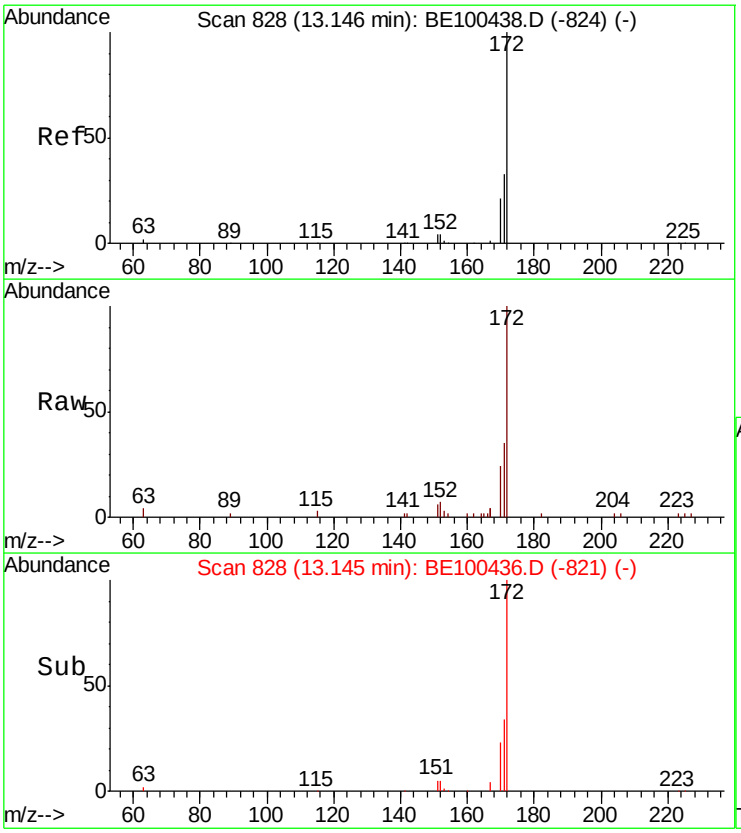
#14
2,4,6-Tribromophenol
Concen: 0.087 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:330 Resp: 200

Ion	Ratio	Lower	Upper
330	100		
332	87.0	76.3	114.5
141	33.0	28.1	42.1

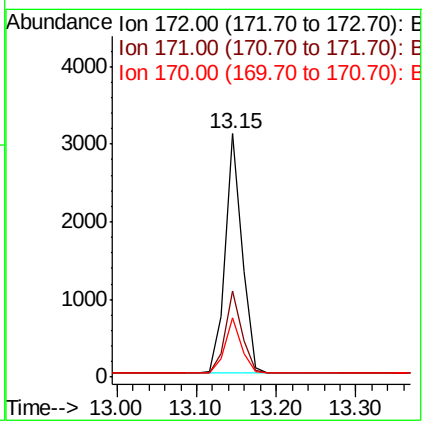


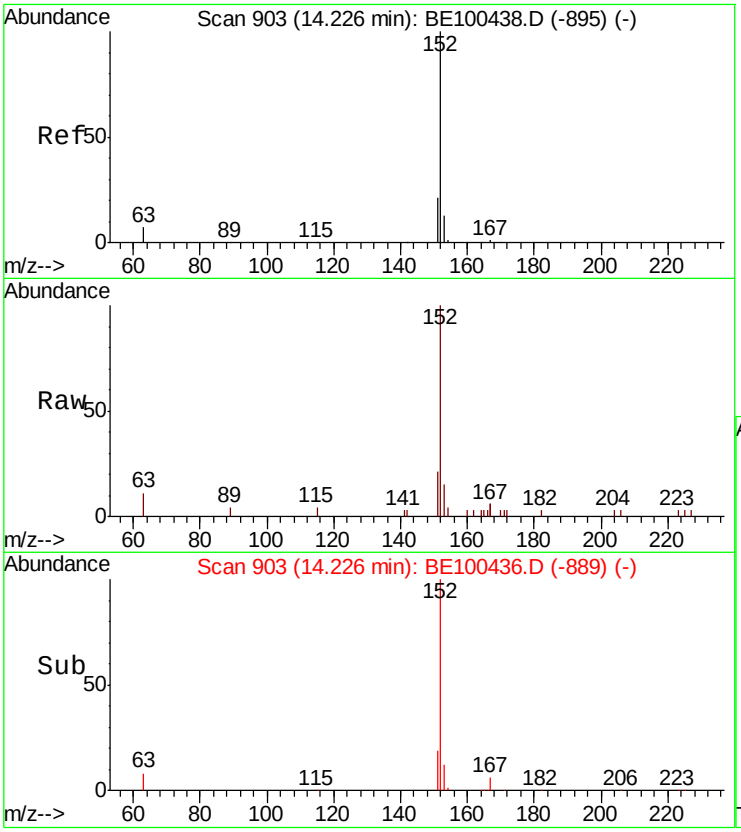


#15
2-Fluorobiphenyl
Concen: 0.115 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Tgt Ion:172 Resp: 4536

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.0	40.4
170	24.4	17.4	26.0



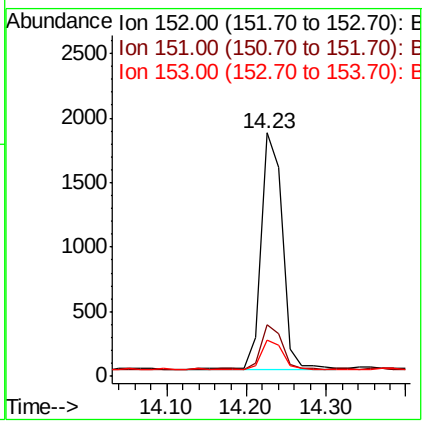


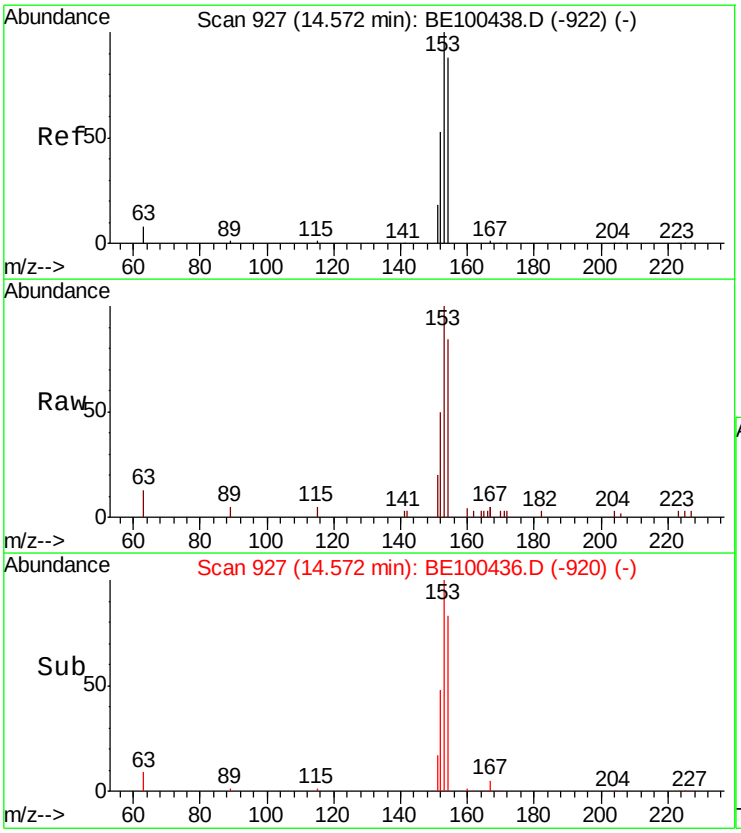
#16
Acenaphthylene
Concen: 0.093 ng
RT: 14.23 min Scan# 903
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 3432

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.8	23.8
153	12.4	10.4	15.6

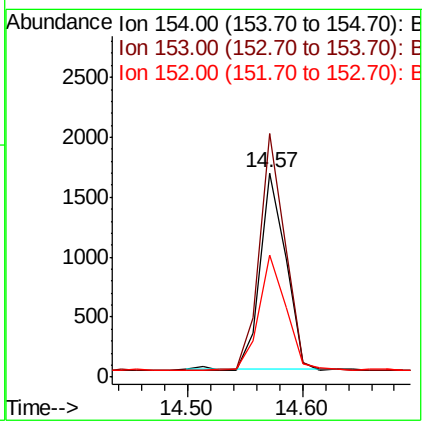


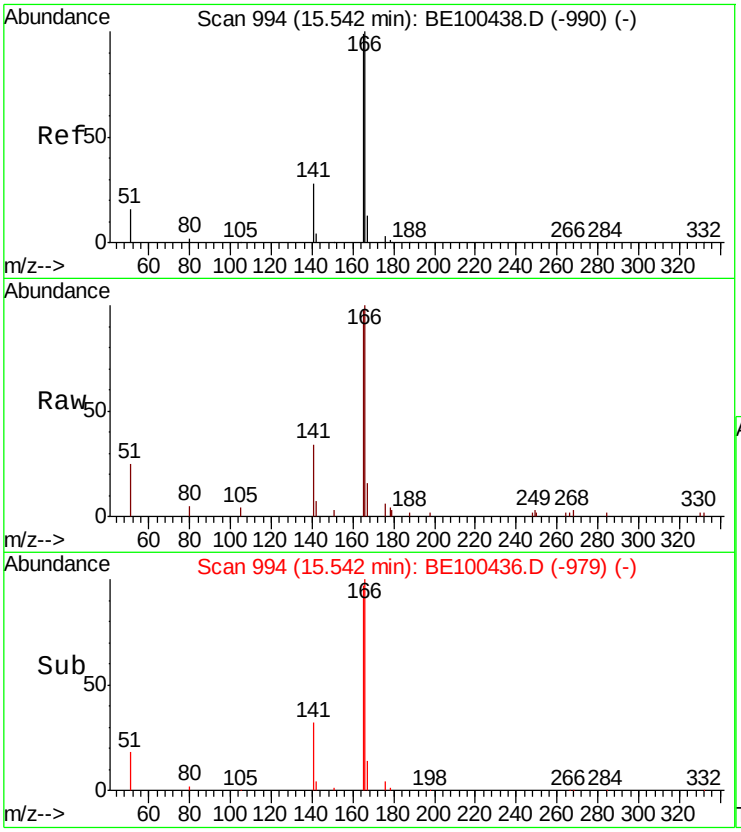


#17
Acenaphthene
Concen: 0.101 ng
RT: 14.57 min Scan# 927
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Tgt Ion:154 Resp: 2551

Ion	Ratio	Lower	Upper
154	100		
153	119.8	91.0	136.4
152	61.4	49.4	74.2



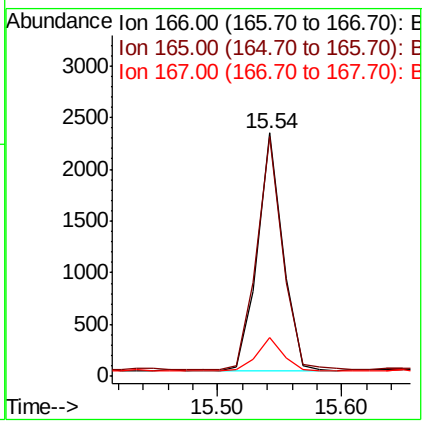


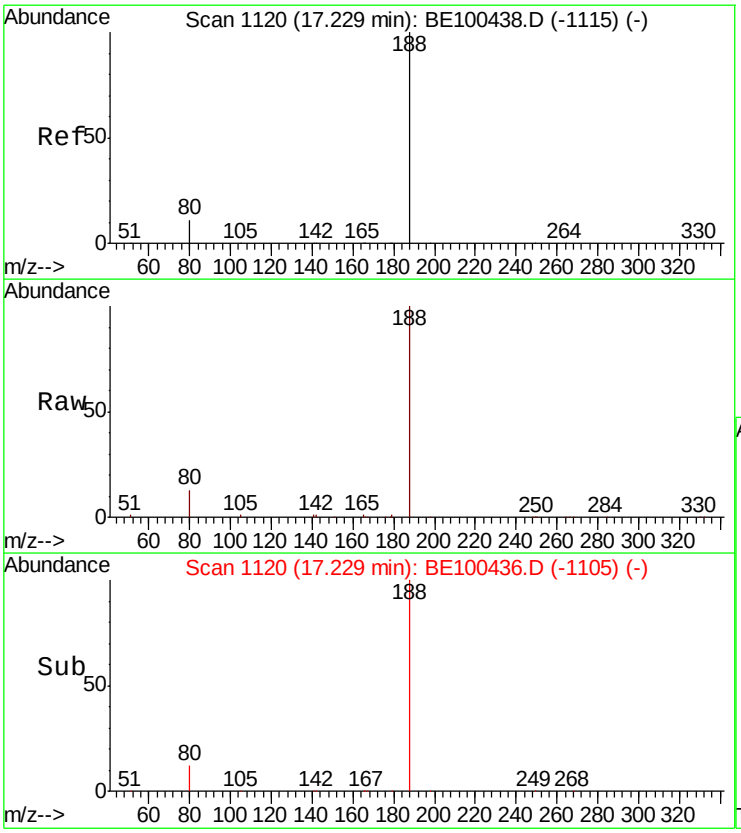
#18
Fluorene
Concen: 0.101 ng
RT: 15.54 min Scan# 994
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:166 Resp: 3251

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.6	119.4
167	14.7	10.6	15.8

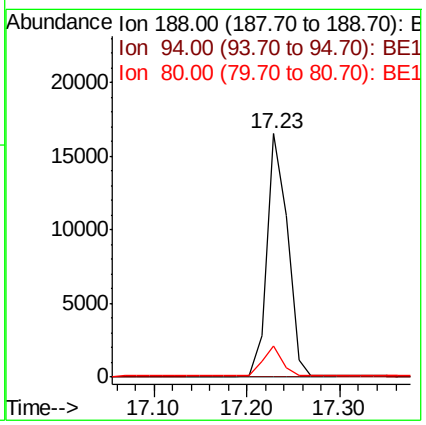


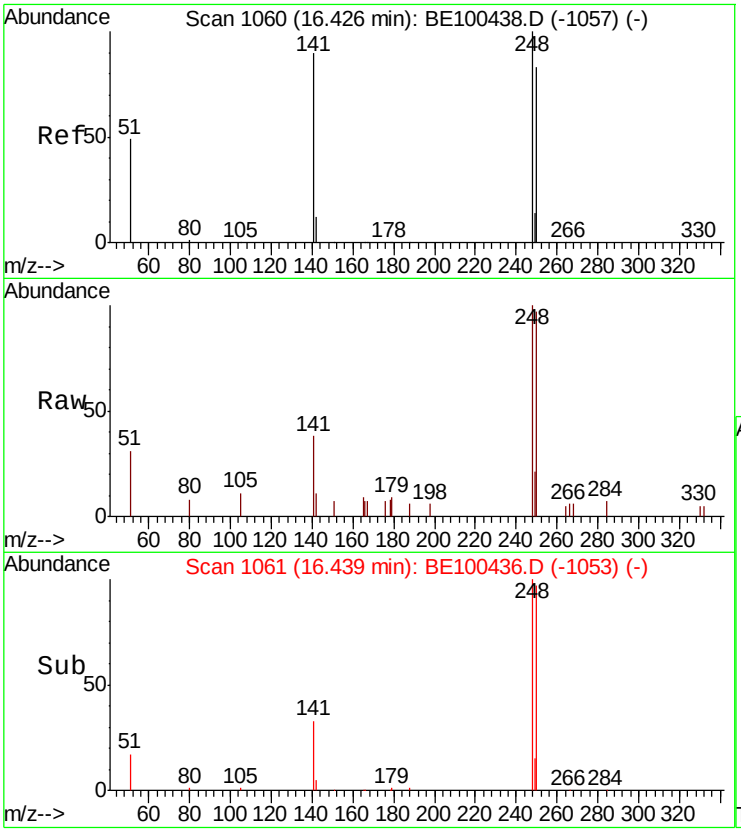


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Tgt Ion:188 Resp: 25321

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.8	9.2	13.8



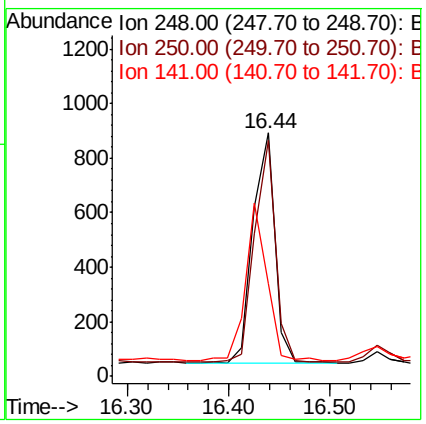


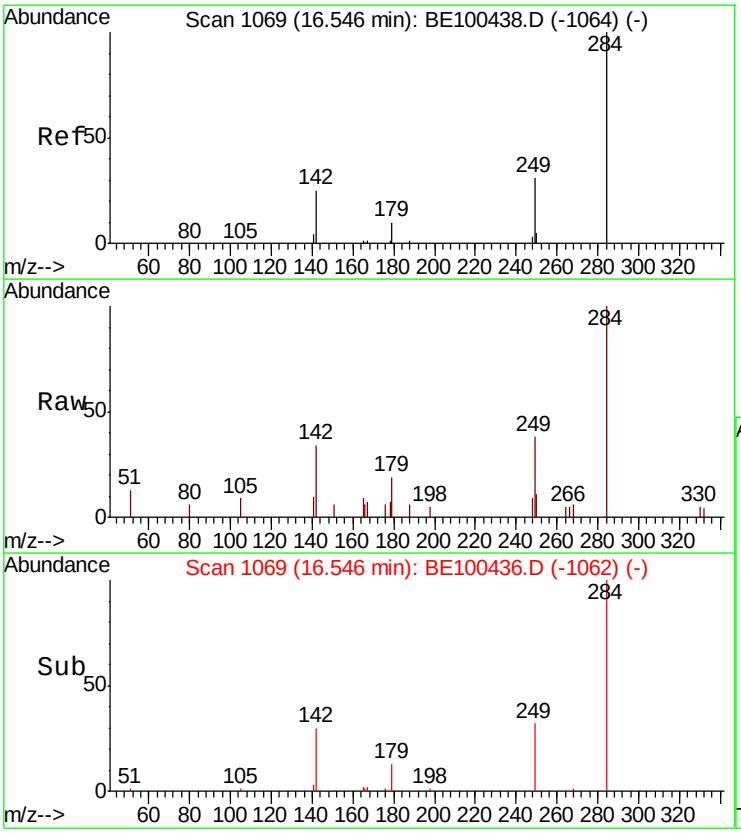
#20
4-Bromophenyl-phenylether
Concen: 0.100 ng
RT: 16.44 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:248 Resp: 1291

Ion	Ratio	Lower	Upper
248	100		
250	97.1	67.1	100.7
141	38.1	72.2	108.2#

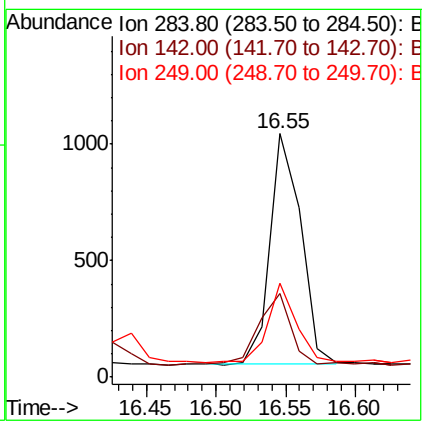


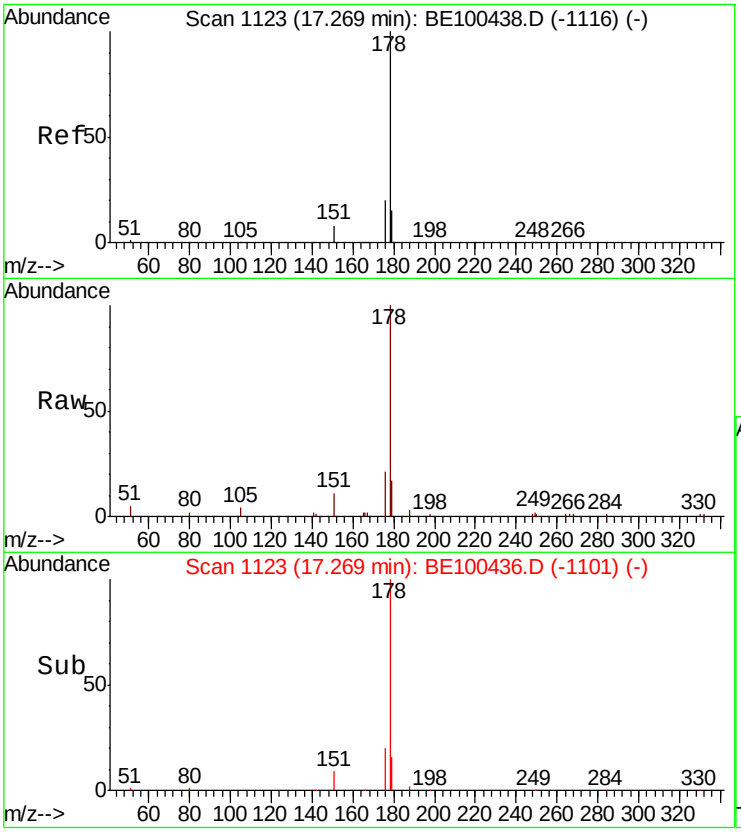


#21
Hexachlorobenzene
Concen: 0.102 ng
RT: 16.55 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Tgt Ion:284 Resp: 1515

Ion	Ratio	Lower	Upper
284	100		
142	31.2	25.6	38.4
249	32.4	25.1	37.7



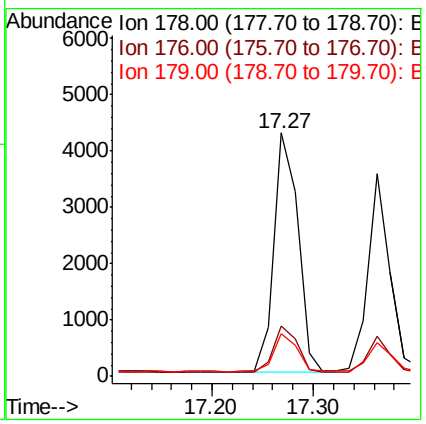


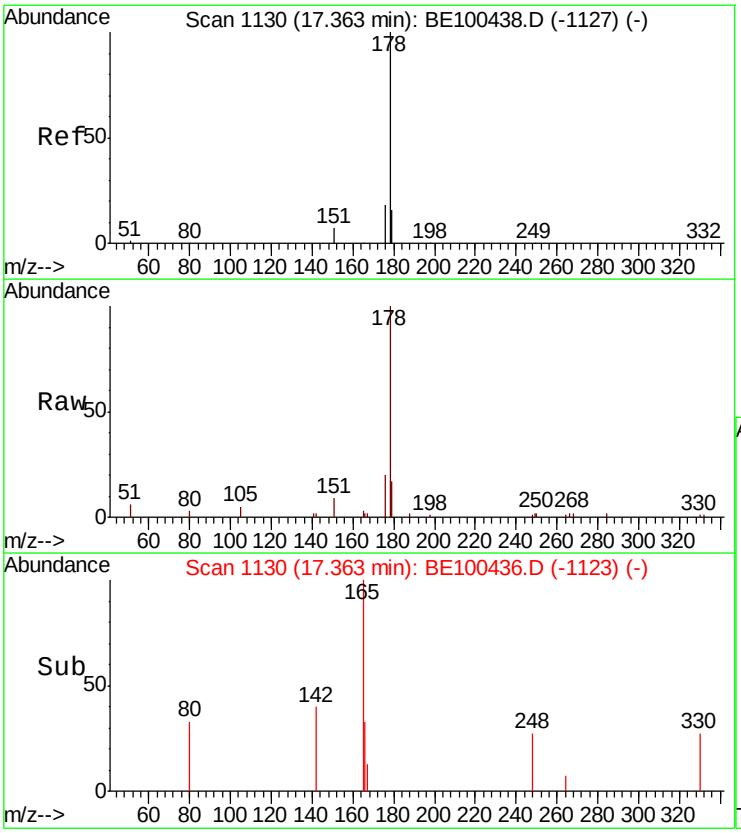
#23
Phenanthrene
Concen: 0.106 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 6996

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.8	12.4	18.6

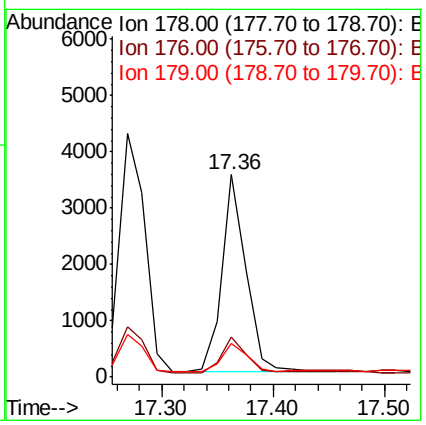


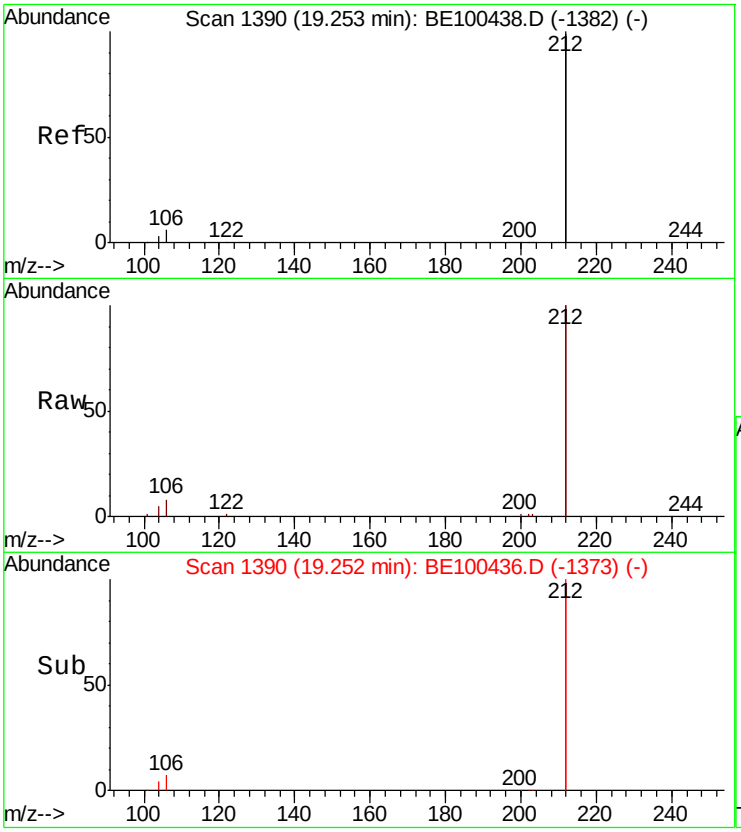


#24
Anthracene
Concen: 0.095 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Tgt Ion:178 Resp: 5300

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.0	22.4
179	15.2	12.3	18.5



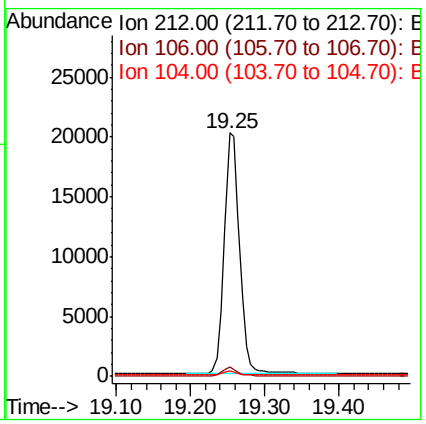


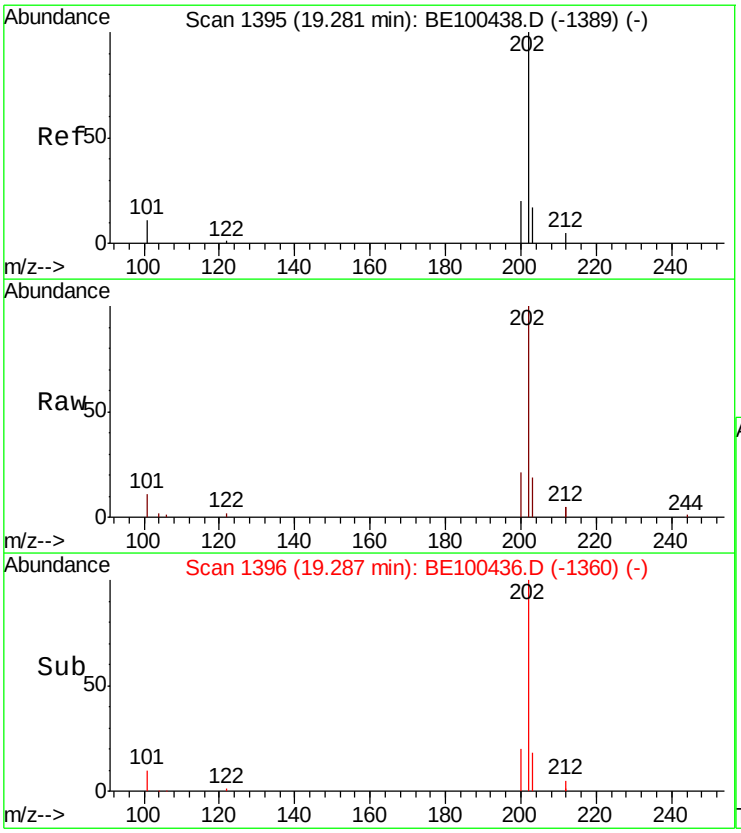
#25
Fluoranthene-d10
Concen: 0.064 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 28859

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.6	3.8
104	2.0	1.4	2.2

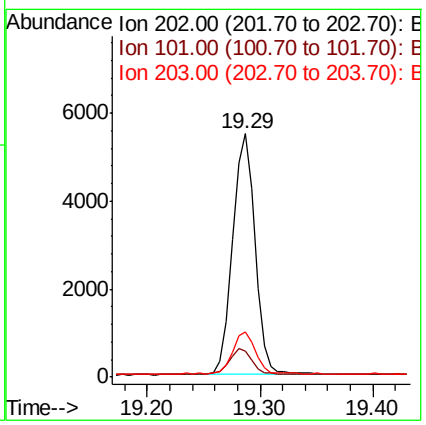


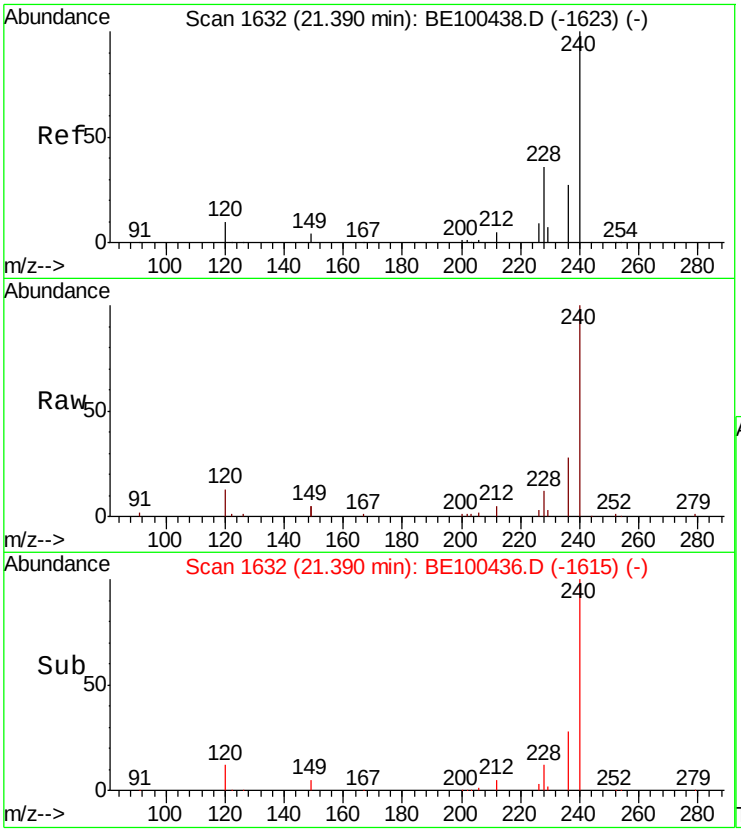


#26
Fluoranthene
Concen: 0.090 ng
RT: 19.29 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Tgt Ion:202 Resp: 7661

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.9	13.3
203	17.8	13.8	20.6



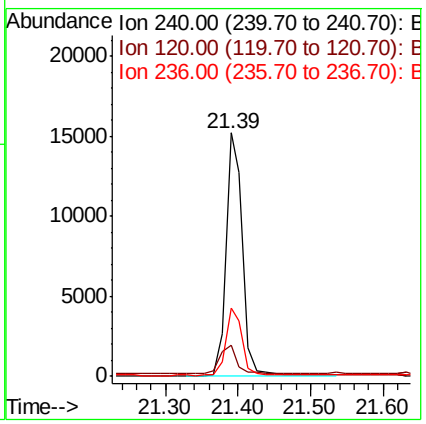


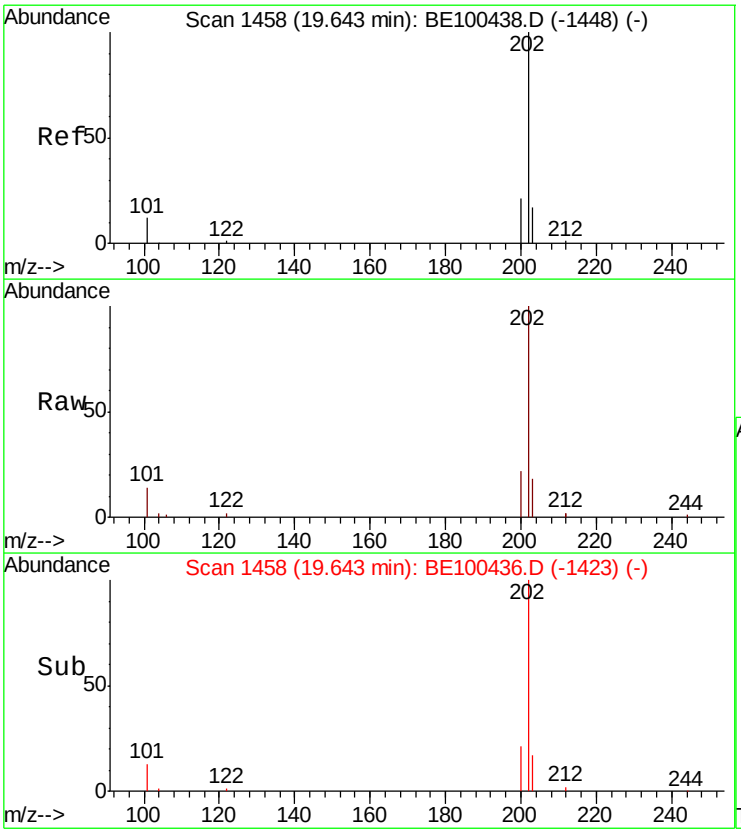
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 24110

Ion	Ratio	Lower	Upper
240	100		
120	13.0	8.8	13.2
236	28.0	22.0	33.0

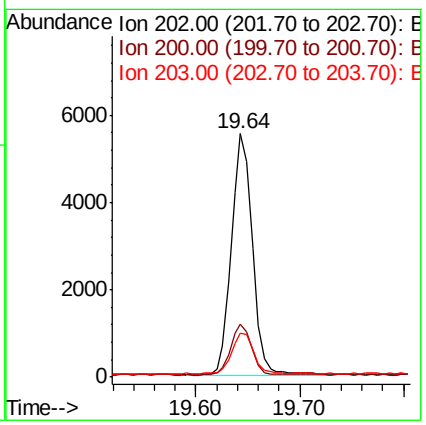


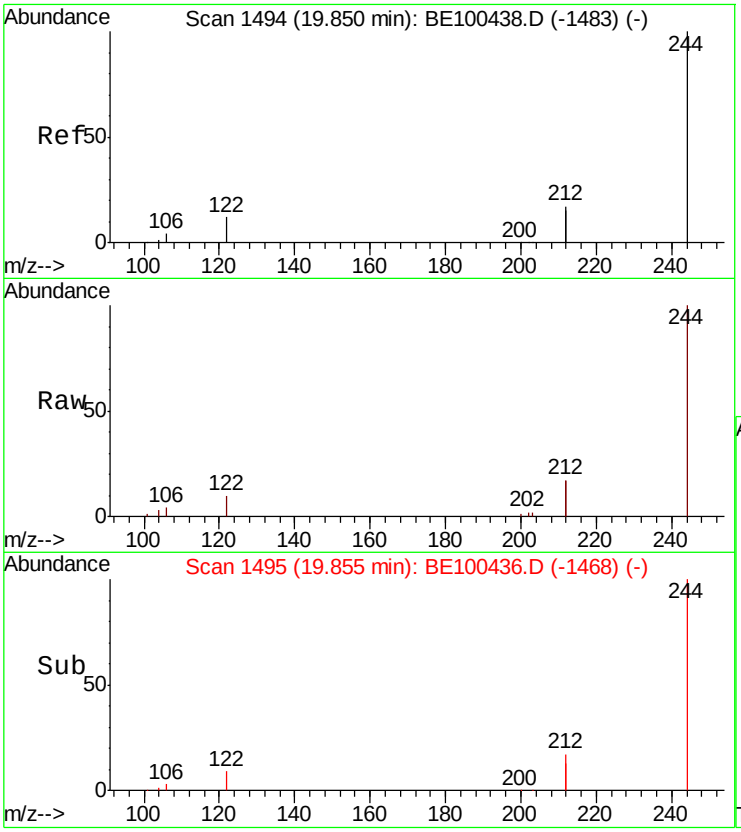


#28
Pyrene
Concen: 0.110 ng
RT: 19.64 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Tgt Ion:202 Resp: 7777

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.8	25.2
203	17.7	13.8	20.8



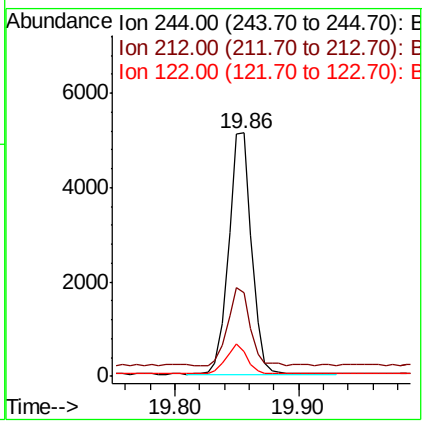


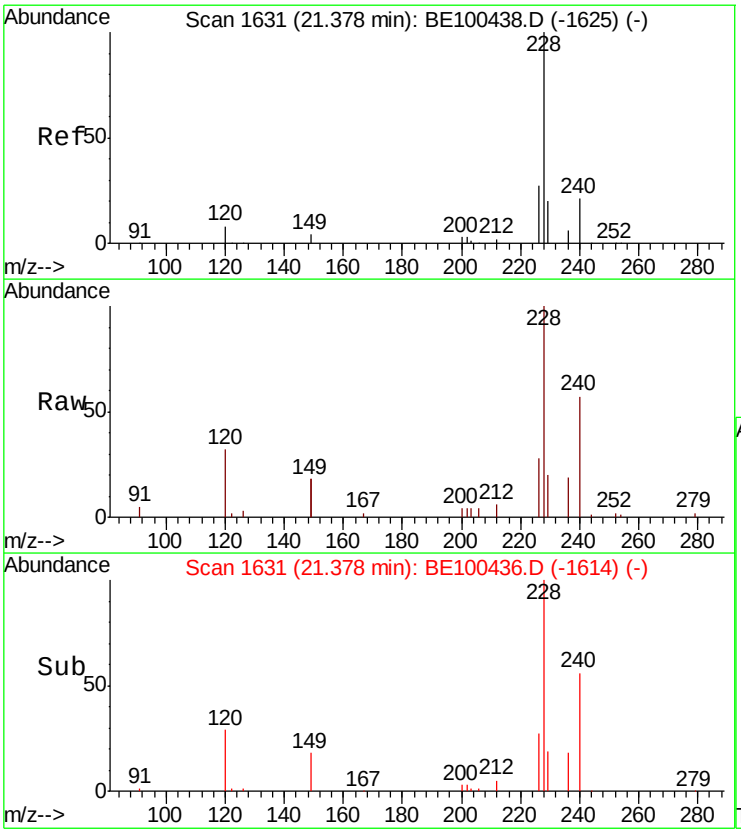
#29
Terphenyl-d14
Concen: 0.112 ng
RT: 19.86 min Scan# 1495
Delta R.T. 0.01 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 6579

Ion	Ratio	Lower	Upper
244	100		
212	34.5	26.3	39.5
122	10.2	9.4	14.2

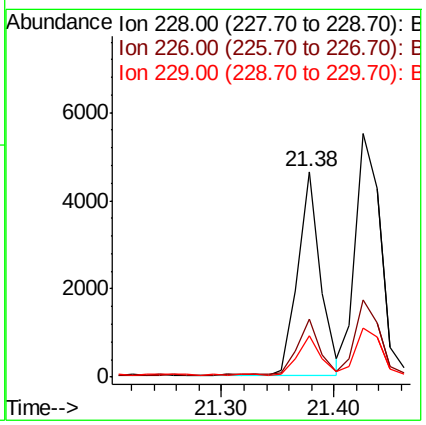


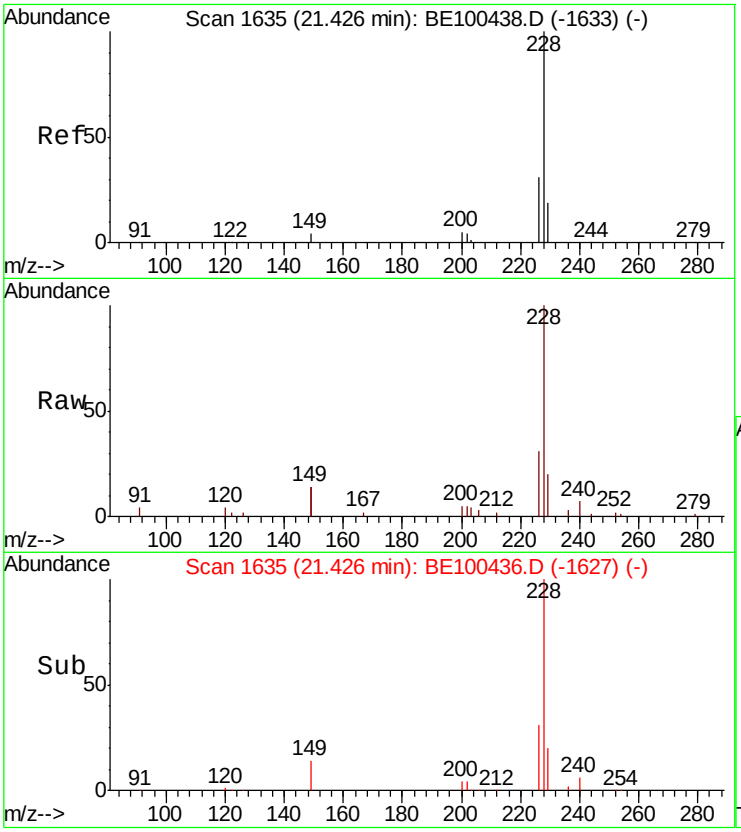


#30
Benzo(a)anthracene
Concen: 0.097 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Tgt Ion:228 Resp: 6428

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.6	32.4
229	20.0	15.8	23.8



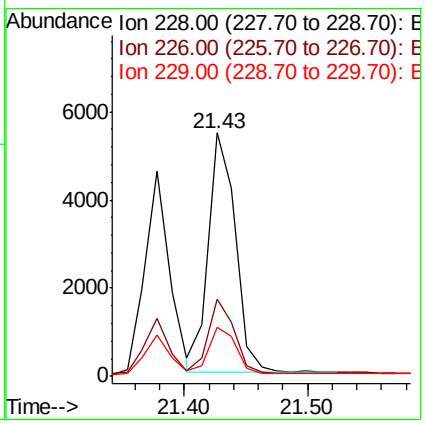


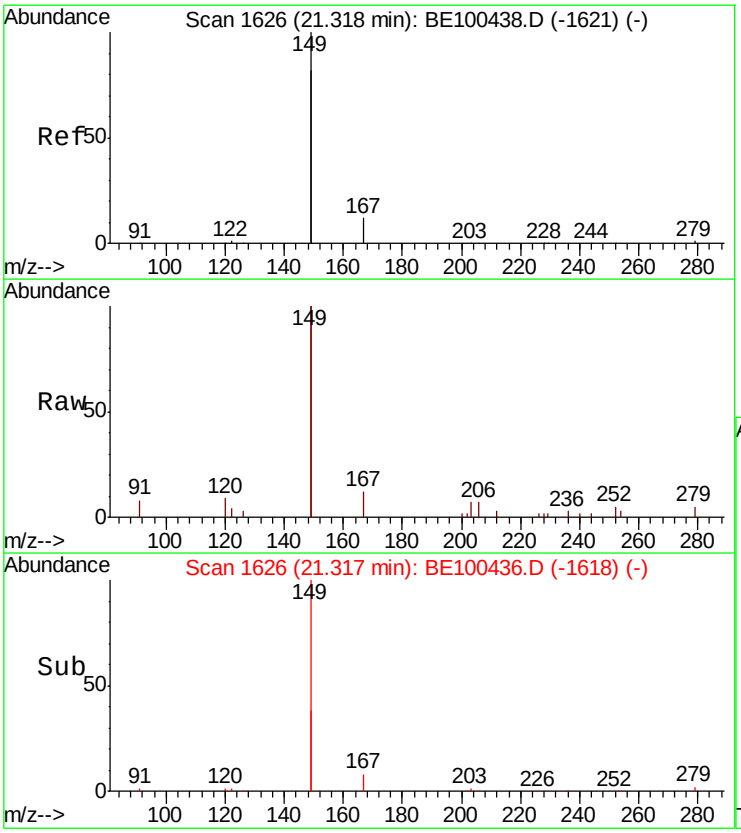
#31
Chrysene
Concen: 0.107 ng
RT: 21.43 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 8333

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.8	37.2
229	20.4	15.8	23.6

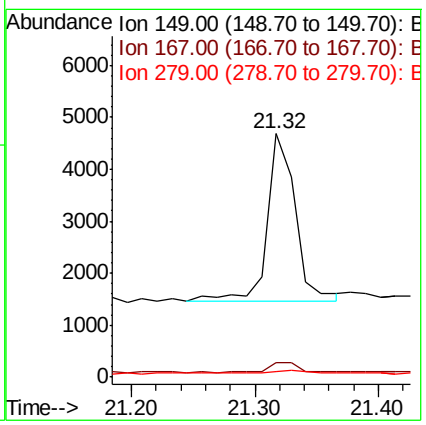


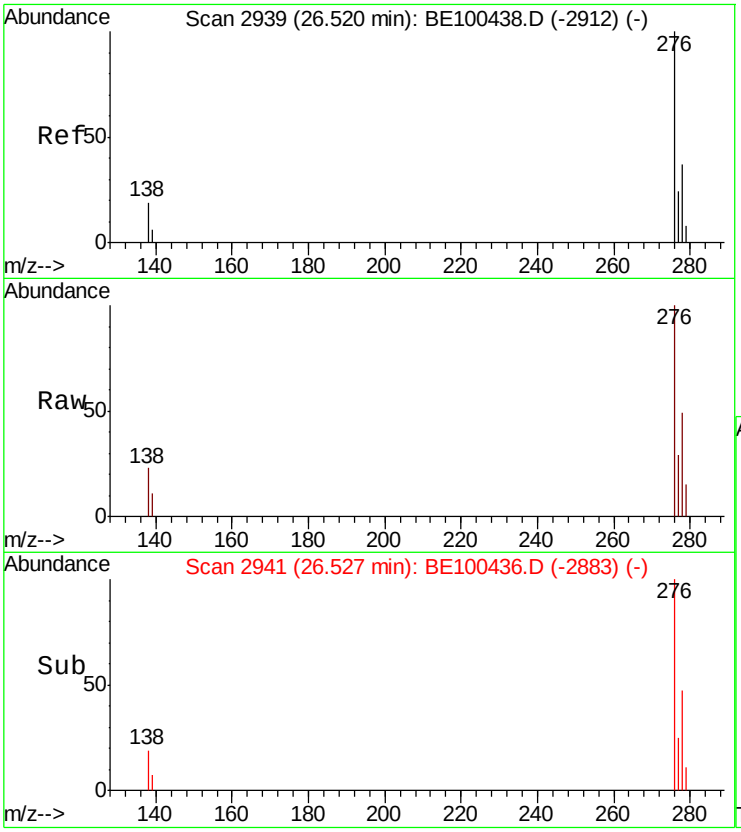


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.102 ng
RT: 21.32 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Tgt Ion:149 Resp: 5178

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.0	7.6
279	4.9	1.2	1.8#



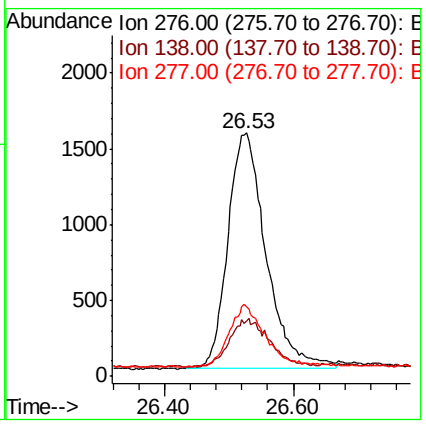


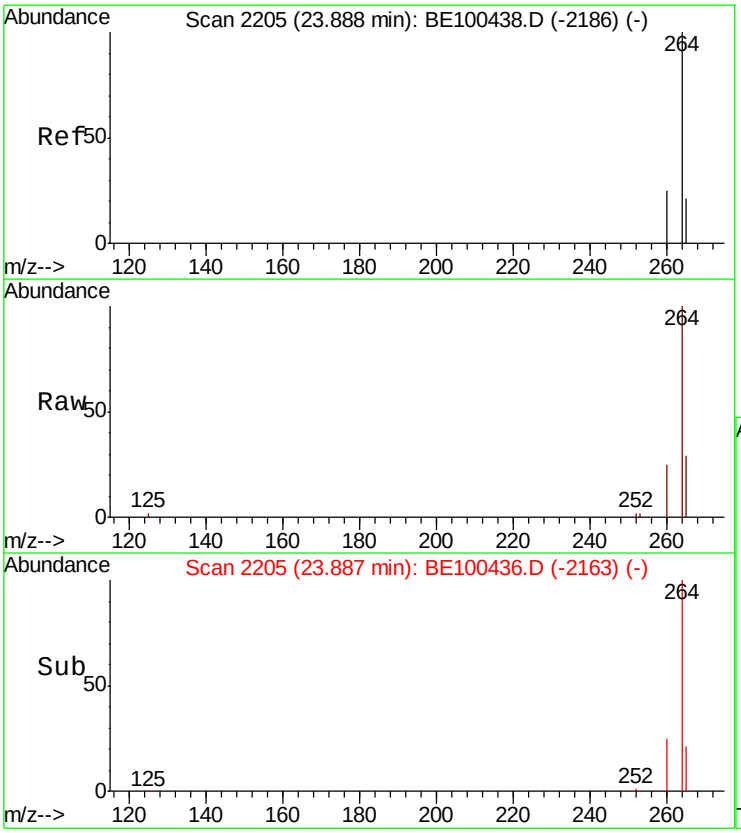
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.092 ng
RT: 26.53 min Scan# 2941
Delta R.T. 0.01 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 6440

Ion	Ratio	Lower	Upper
276	100		
138	20.0	17.0	25.6
277	23.9	19.8	29.6

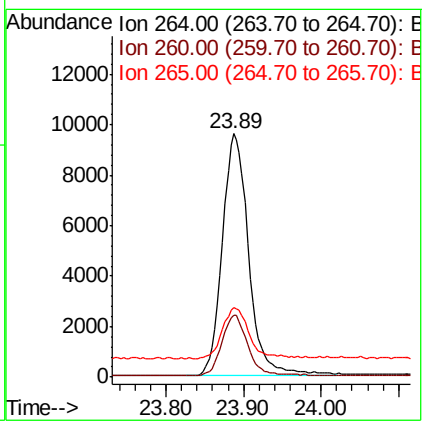


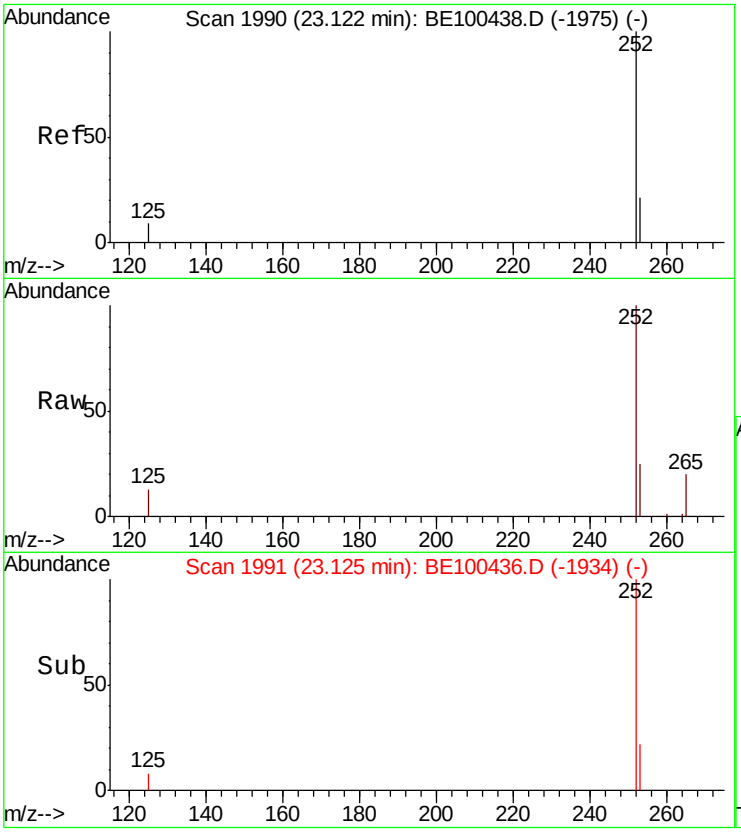


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Tgt Ion:264 Resp: 22688

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.0	30.0
265	28.5	22.2	33.4



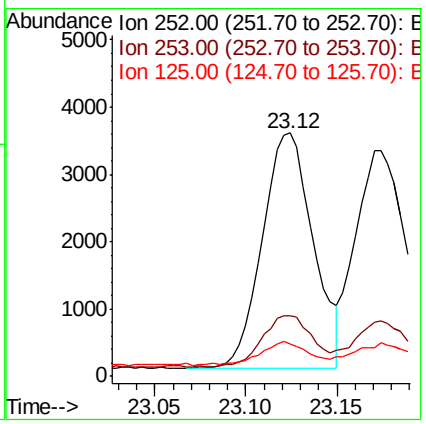


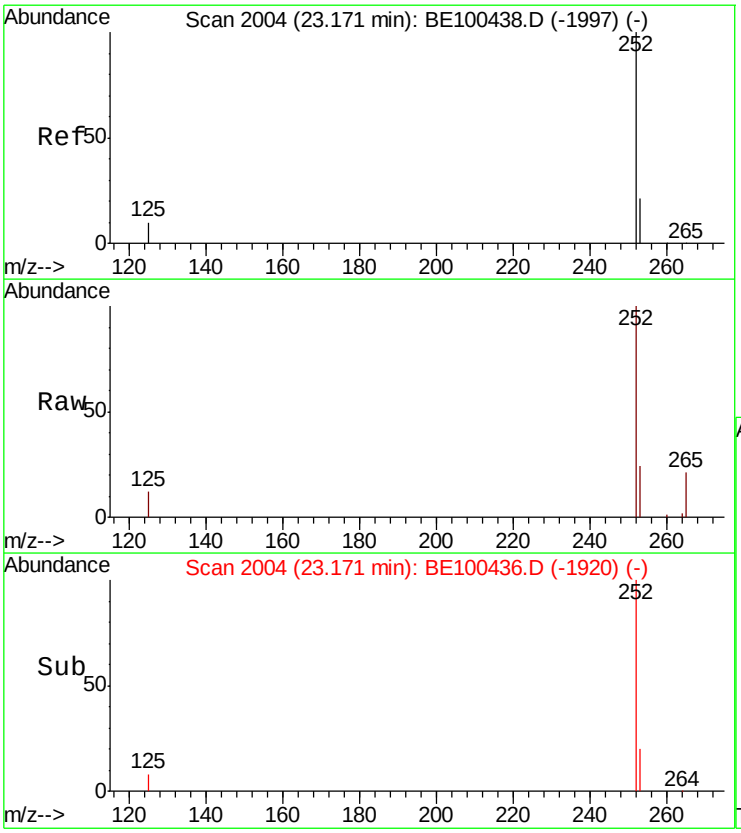
#35
Benzo(b)fluoranthene
Concen: 0.095 ng
RT: 23.12 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 6784

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.5	26.3
125	13.3	8.0	12.0#

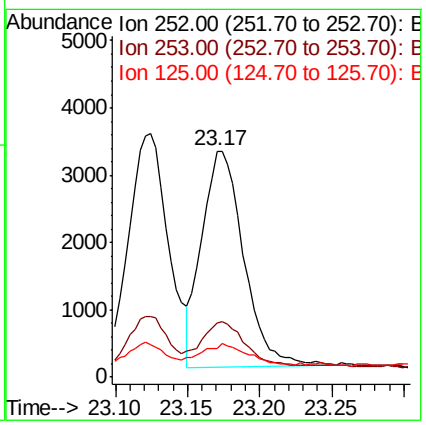


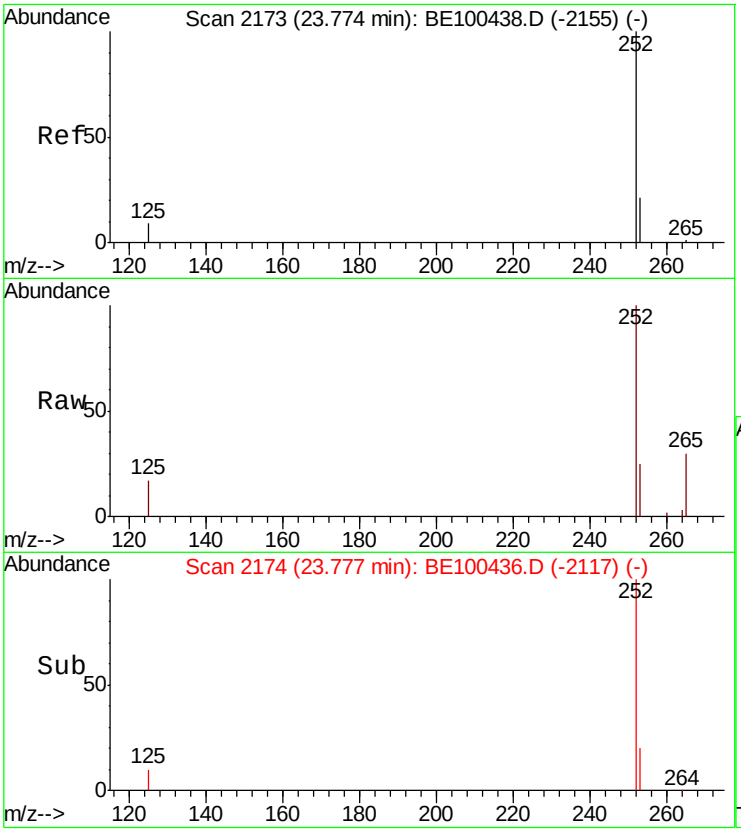


#36
Benzo(k)fluoranthene
Concen: 0.086 ng
RT: 23.17 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Tgt Ion:252 Resp: 6443

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.7	26.5
125	12.4	8.3	12.5



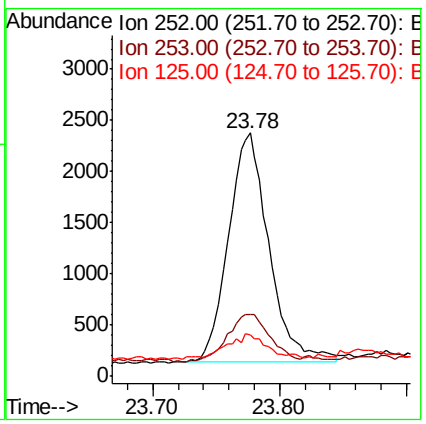


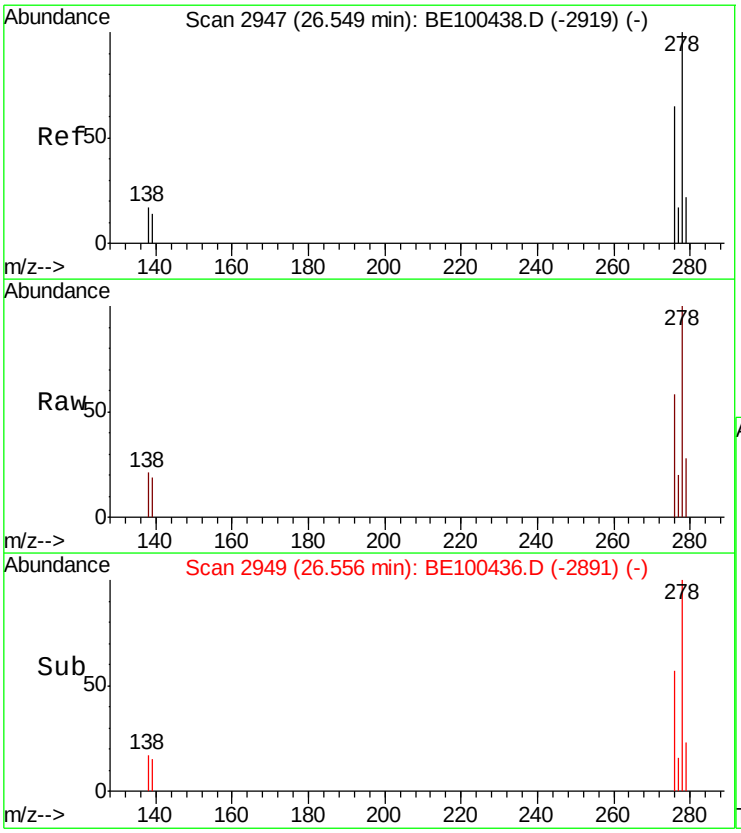
#37
Benzo(a)pyrene
Concen: 0.084 ng
RT: 23.78 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 4998

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.0	27.0
125	16.9	9.0	13.6#

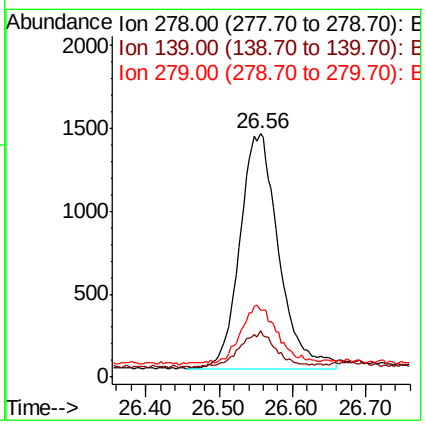


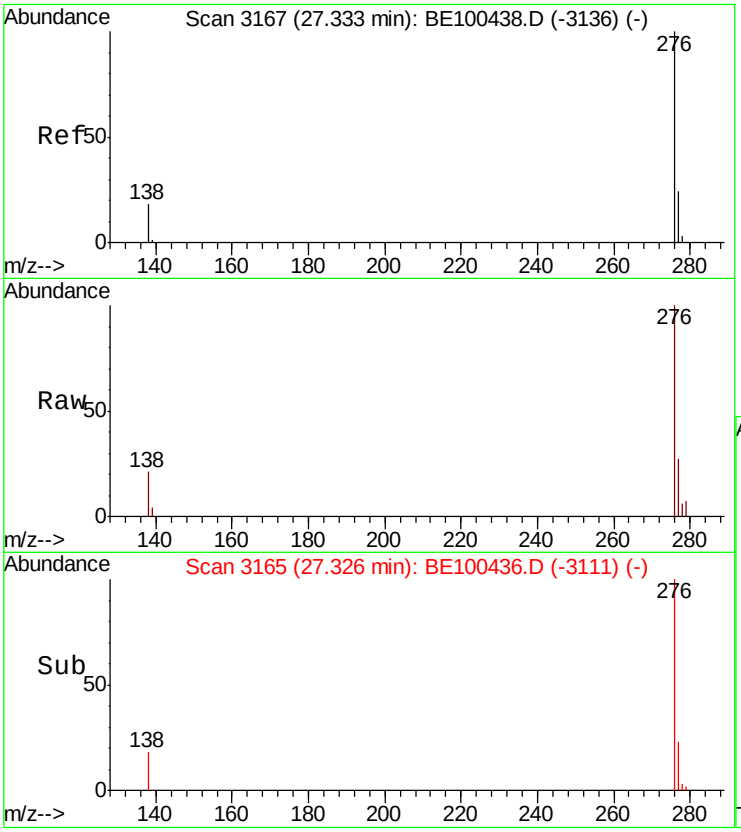


#38
Dibenzo(a,h)anthracene
Concen: 0.083 ng
RT: 26.56 min Scan# 2949
Delta R.T. 0.01 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Tgt Ion:278 Resp: 5153

Ion	Ratio	Lower	Upper
278	100		
139	19.1	12.2	18.2#
279	27.7	18.6	27.8





#39
Benzo(g,h,i)perylene
Concen: 0.094 ng
RT: 27.33 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 6096

Ion	Ratio	Lower	Upper
276	100		
277	26.7	19.6	29.4
138	21.0	15.1	22.7