Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061919\
Data File : BE100082.D
Acq On : 19 Jun 2019 13:07
Operator : JU/SJ
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC5.0

Quant Time: Jun 19 14:29:15 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 13:20:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	631	0.40	ng		-0.01
7) Naphthalene-d8	10.52	136	2225	0.40	ng		-0.01
13) Acenaphthene-d10	14.41	164	1820	0.40	ng		0.00
19) Phenanthrene-d10	17.16	188	5409	0.40	ng		0.00
27) Chrysene-d12	21.34	240	8346	0.40	ng		0.00
34) Perylene-d12	23.84	264	8429	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.29	112	7479	4.38	ng		-0.01
5) Phenol-d6	6.89	99	10436	5.07	ng		-0.03
8) Nitrobenzene-d5	8.89	82	12427	5.64	ng		-0.03
11) 2-Methylnaphthalene-d10	12.14	152	22338	5.56	ng		-0.01
14) 2,4,6-Tribromophenol	15.90	330	6222	5.59	ng		-0.01
15) 2-Fluorobiphenyl	13.03	172	33946	4.81	ng		-0.01
25) Fluoranthene-d10	19.19	212	422795	5.56	ng		0.00
29) Terphenyl-d14	19.79	244	88283	6.28	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	4471	4.061	ng		91
6) bis(2-Chloroethyl)ether	7.15	93	9422	4.875	ng		95
9) Naphthalene	10.58	128	121064	4.921	ng	#	97
10) Hexachlorobutadiene	10.85	225	11545	5.467	ng		96
12) 2-Methylnaphthalene	12.21	142	21835	5.661	ng		94
16) Acenaphthylene	14.13	152	43475	4.769	ng		99
17) Acenaphthene	14.47	154	24773	5.023	ng		95
18) Fluorene	15.45	166	35561	4.842	ng		98
20) 4-Bromophenyl-phenylether	16.34	248	17512	5.381	ng		91
21) Hexachlorobenzene	16.45	284	17866	5.354	ng		98
22) Pentachlorophenol	16.81	266	4904	4.697	ng	#	76
23) Phenanthrene	17.20	178	68623	5.205	ng		99
24) Anthracene	17.29	178	65943	5.691	ng		99
26) Fluoranthene	19.22	202	110956	5.117	ng		99
28) Pyrene	19.59	202	111877	5.388	ng		100
30) Benzo(a)anthracene	21.33	228	138428	5.761	ng		97
31) Chrysene	21.38	228	141528	5.223	ng		98
32) Bis(2-ethylhexyl)phthalate	21.25	149	148017	4.423	ng		100
33) Indeno(1,2,3-cd)pyrene	26.47	276	163891	5.118	ng	#	95
35) Benzo(b)fluoranthene	23.07	252	133778	5.508	ng	#	96
36) Benzo(k)fluoranthene	23.12	252	145947	5.545	ng	#	96
37) Benzo(a)pyrene	23.72	252	126938	5.264	ng	#	93
38) Dibenzo(a,h)anthracene	26.50	278	136065	5.787	ng	#	94
39) Benzo(g,h,i)perylene	27.28	276	133147	5.352	ng	#	96

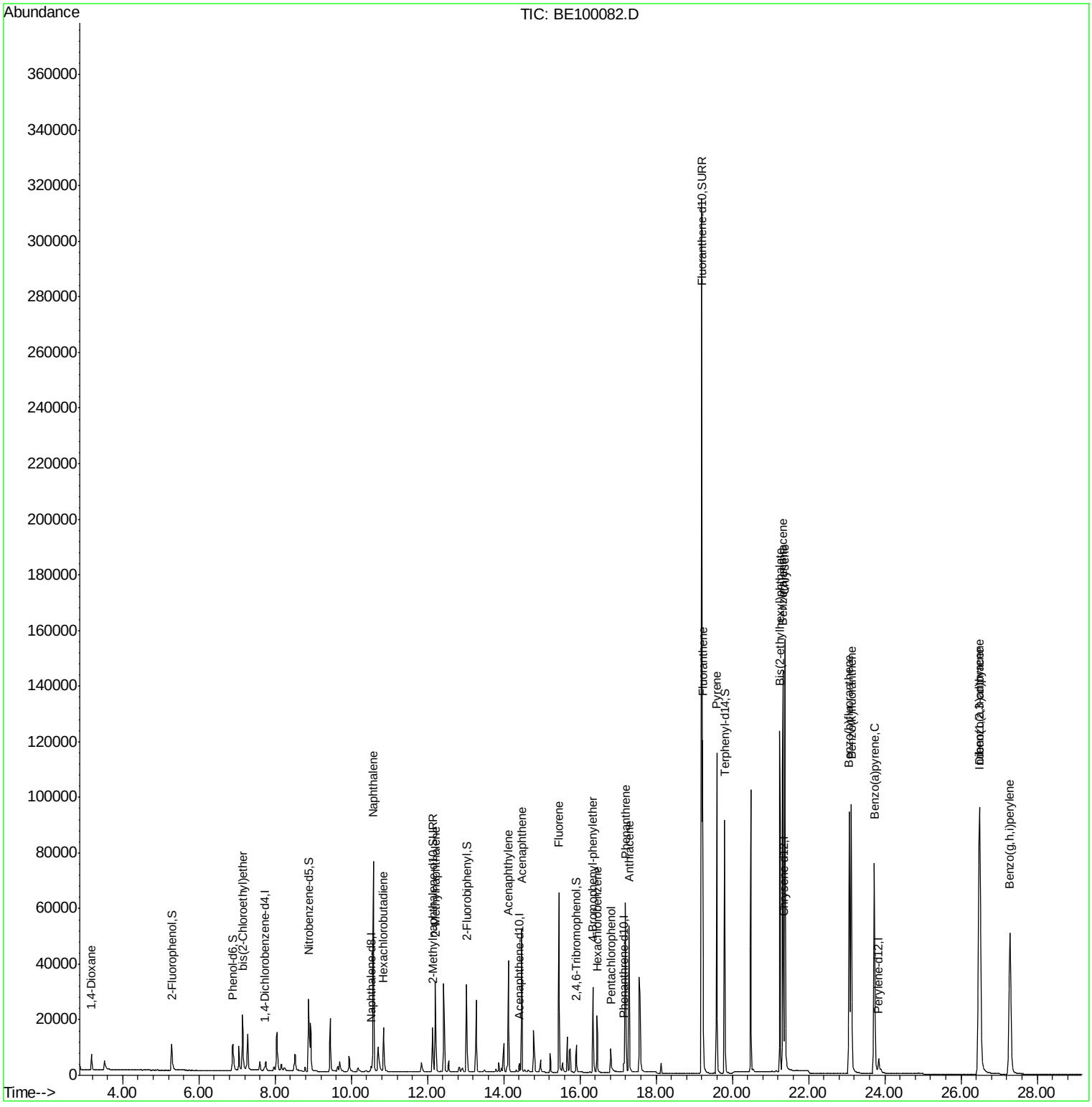
(#) = qualifier out of range (m) = manual integration (+) = signals summed

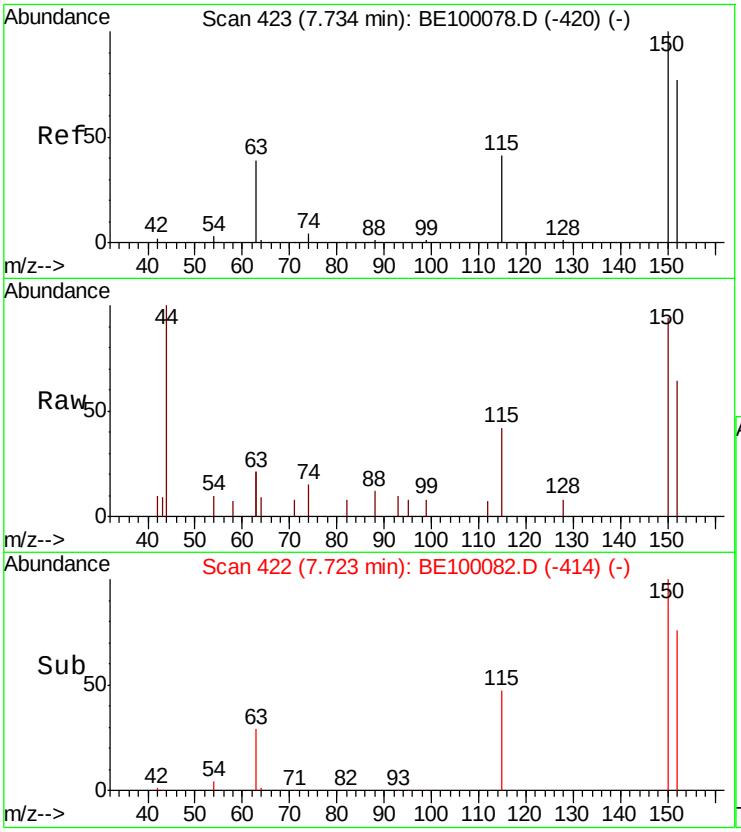
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061919\
Data File : BE100082.D
Acq On : 19 Jun 2019 13:07
Operator : JU/SJ
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Quant Time: Jun 19 14:29:15 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 13:20:58 2019
Response via : Initial Calibration



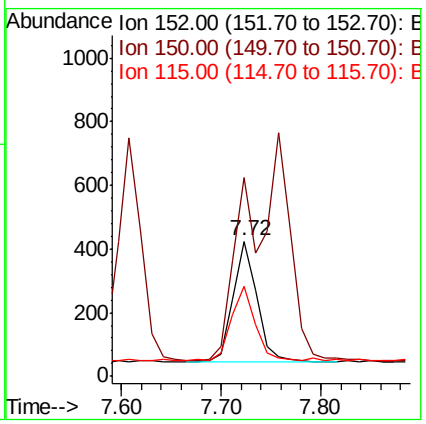


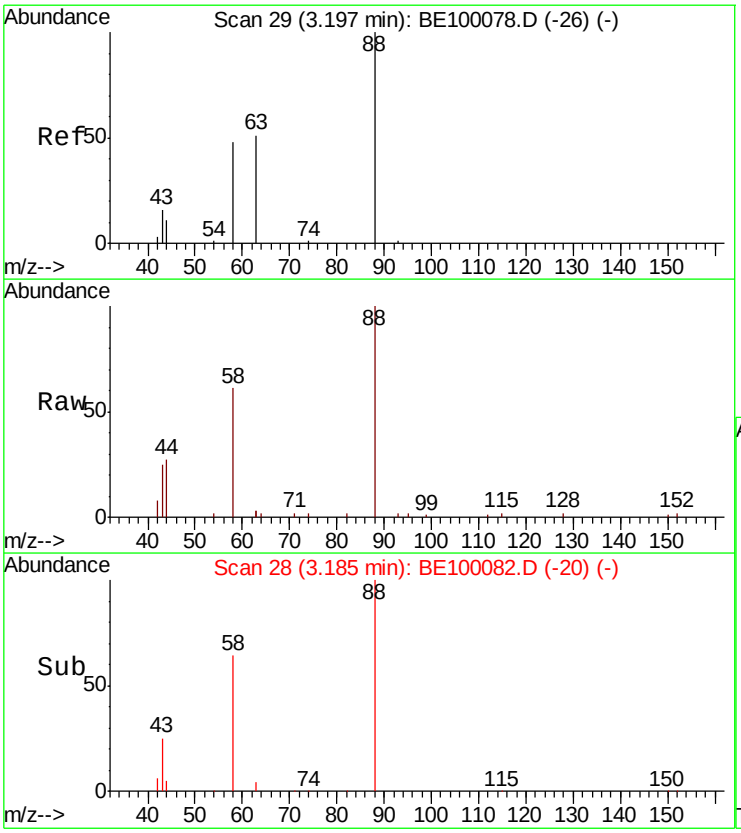
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 631

Ion	Ratio	Lower	Upper
152	100		
150	147.4	99.8	149.8
115	66.5	51.3	76.9

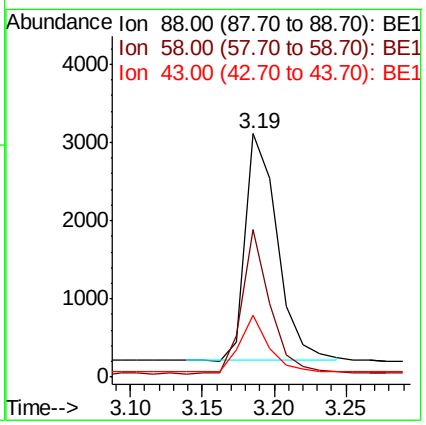


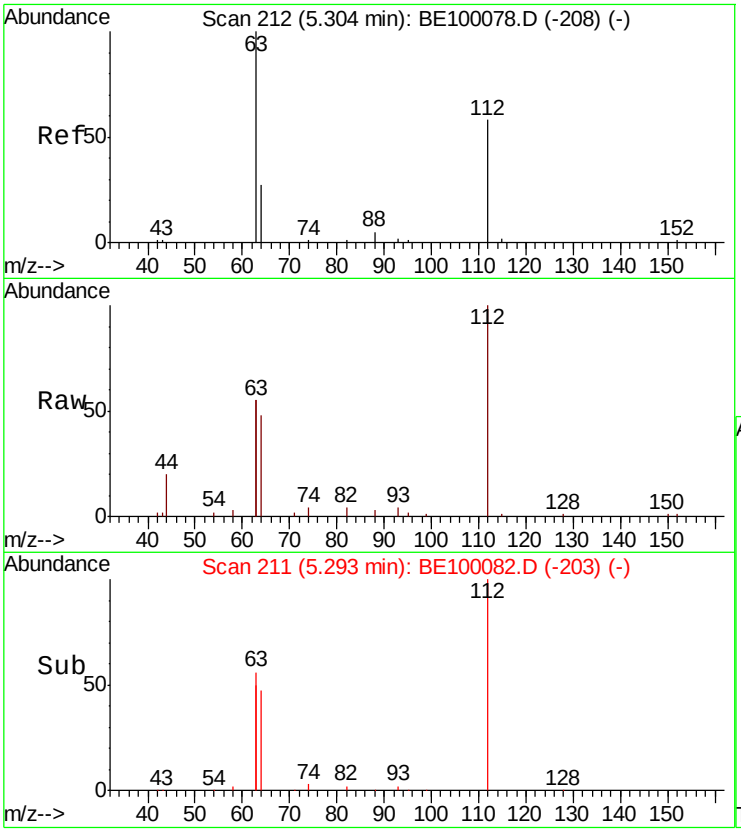


#2
1,4-Dioxane
Concen: 4.061 ng
RT: 3.19 min Scan# 28
Delta R.T. -0.01 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Tgt Ion: 88 Resp: 4471

Ion	Ratio	Lower	Upper
88	100		
58	56.5	51.1	76.7
43	22.7	21.7	32.5



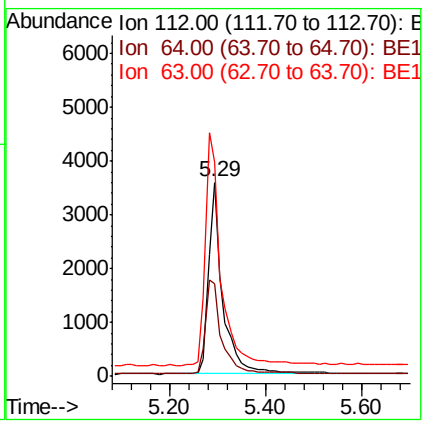


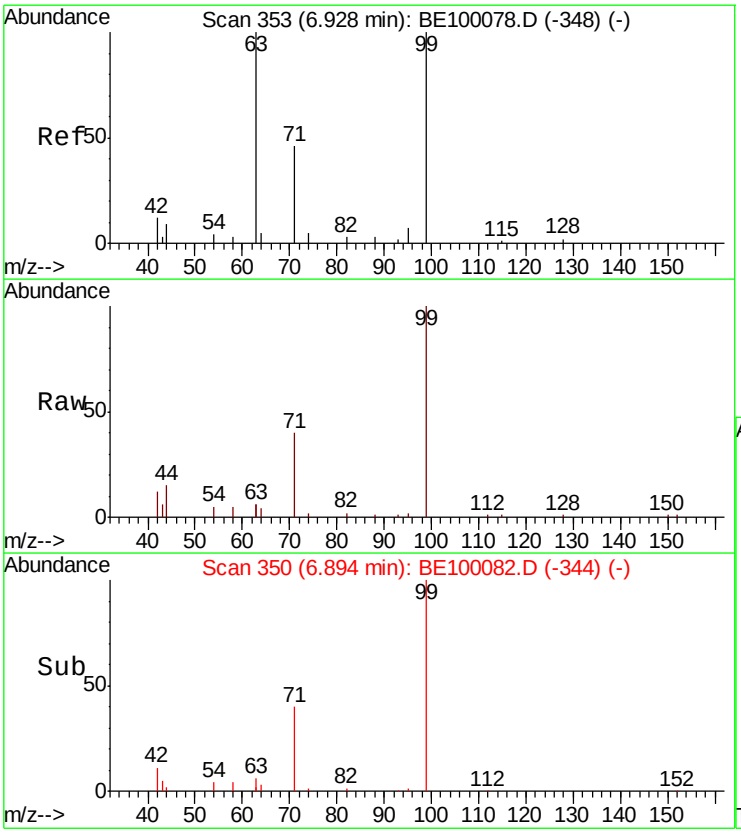
#4
2-Fluorophenol
Concen: 4.380 ng
RT: 5.29 min Scan# 211
Delta R.T. -0.01 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:112 Resp: 7479

Ion	Ratio	Lower	Upper
112	100		
64	55.3	22.0	33.0#
63	132.0	121.8	182.6

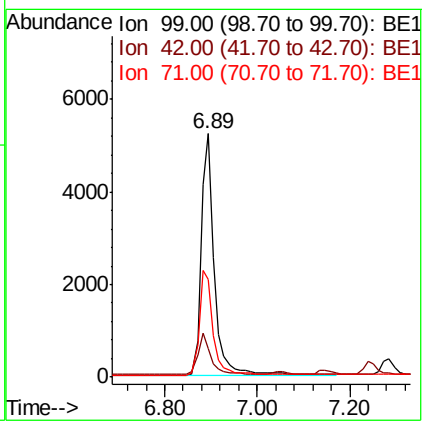


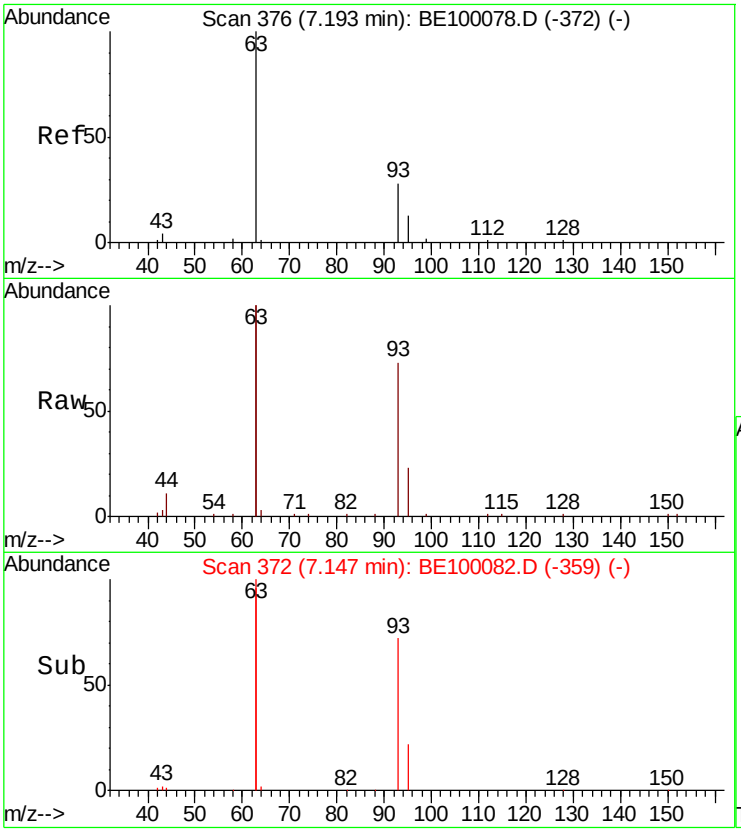


#5
Phenol-d6
Concen: 5.066 ng
RT: 6.89 min Scan# 350
Delta R.T. -0.03 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Tgt Ion: 99 Resp: 10436

Ion	Ratio	Lower	Upper
99	100		
42	16.1	0.0	0.0#
71	44.8	37.6	56.4



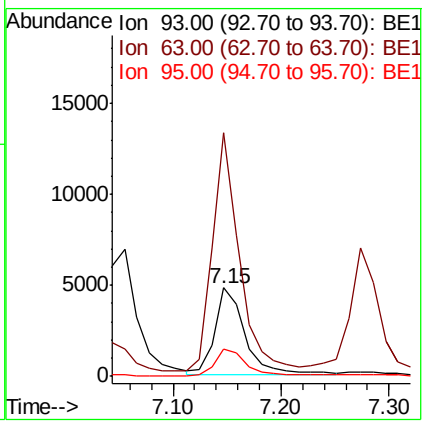


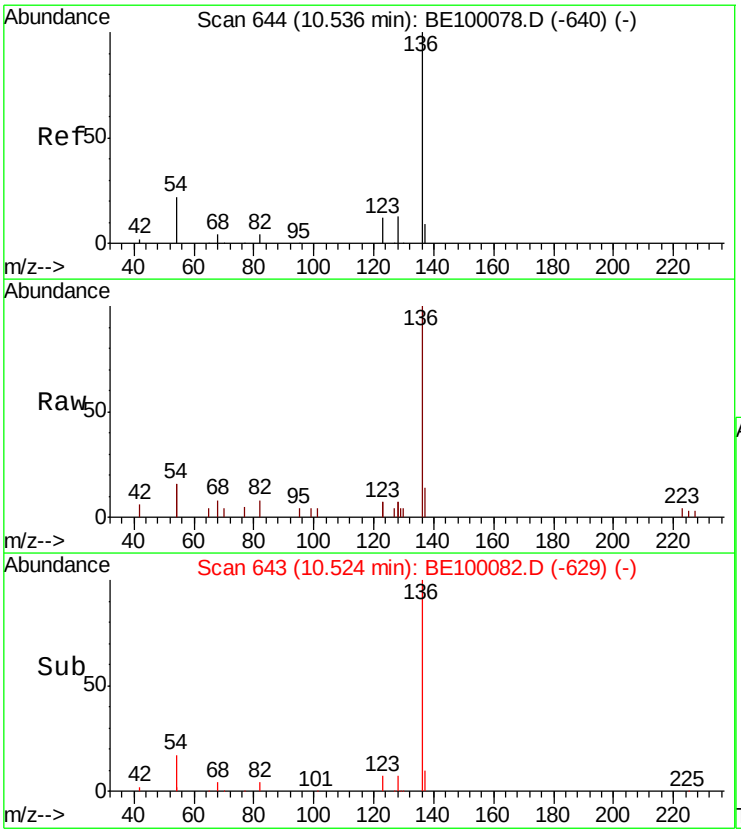
#6
bis(2-Chloroethyl)ether
Concen: 4.875 ng
RT: 7.15 min Scan# 372
Delta R.T. -0.05 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion: 93 Resp: 9422

Ion	Ratio	Lower	Upper
93	100		
63	240.9	200.0	300.0
95	30.2	24.0	36.0

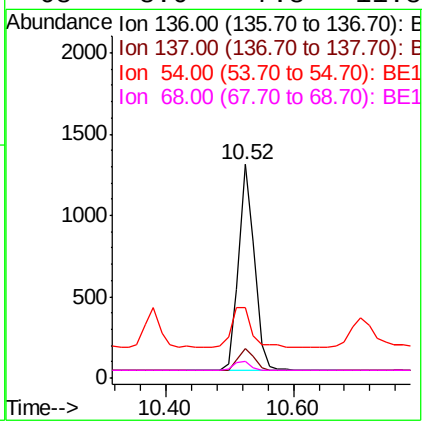


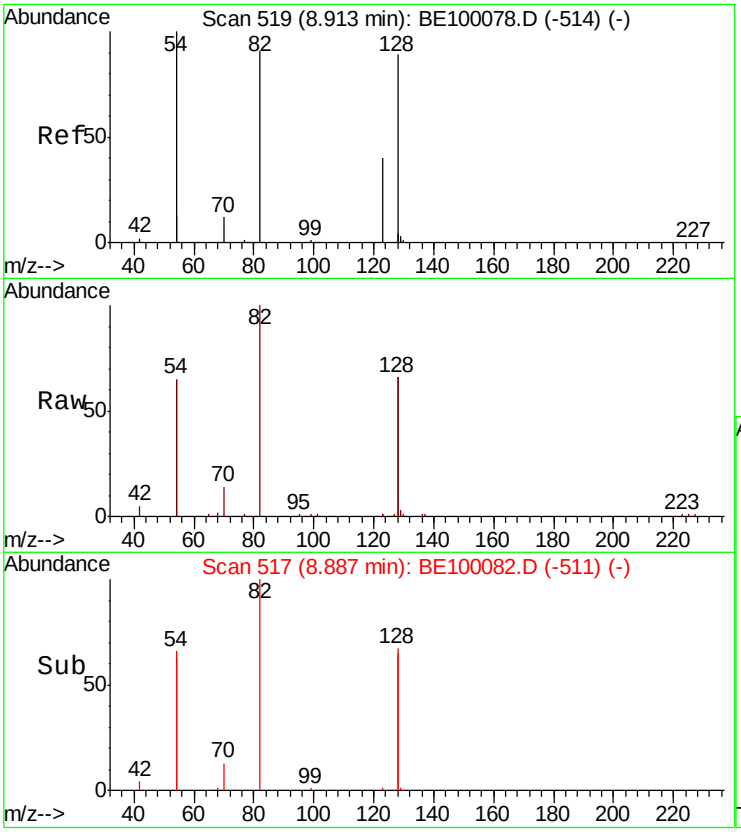


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.52 min Scan# 643
Delta R.T. -0.01 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Tgt Ion:136 Resp: 2225

Ion	Ratio	Lower	Upper
136	100		
137	13.6	11.6	17.4
54	32.9	33.9	50.9#
68	8.0	7.8	11.8



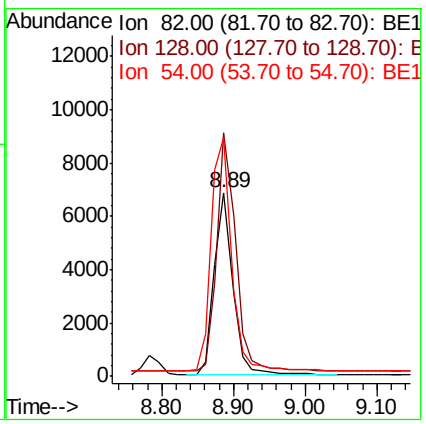


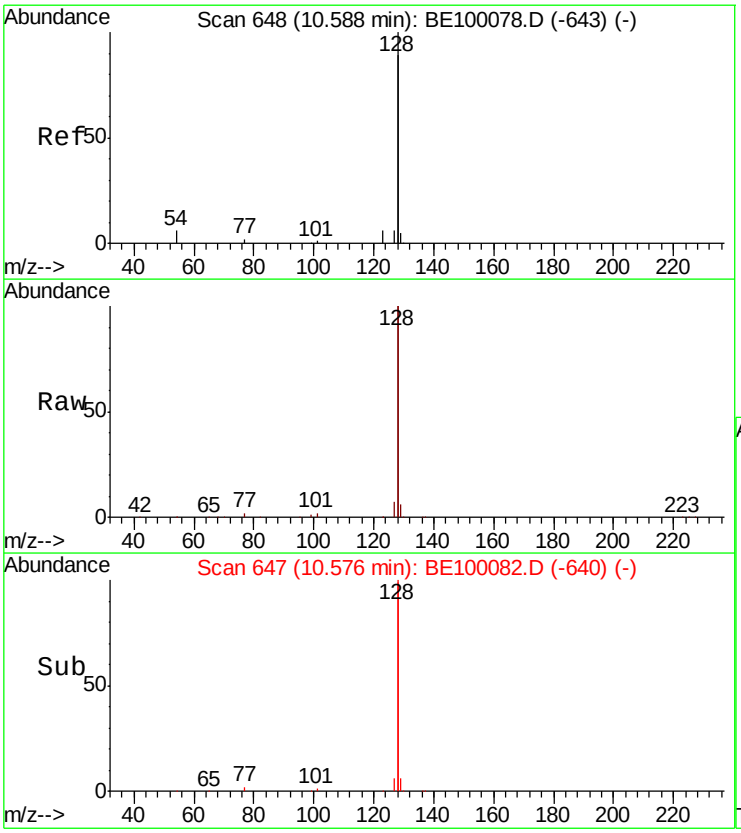
#8
Nitrobenzene-d5
Concen: 5.640 ng
RT: 8.89 min Scan# 517
Delta R.T. -0.03 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion: 82 Resp: 12427

Ion	Ratio	Lower	Upper
82	100		
128	132.4	128.0	192.0
54	129.4	143.4	215.0#

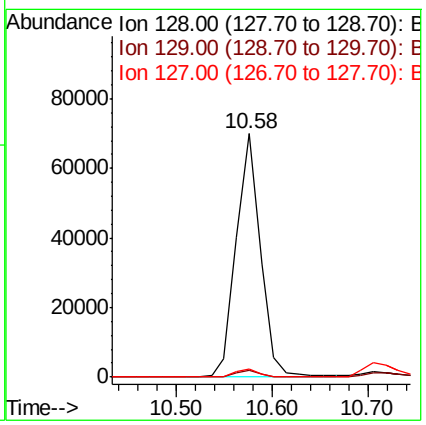


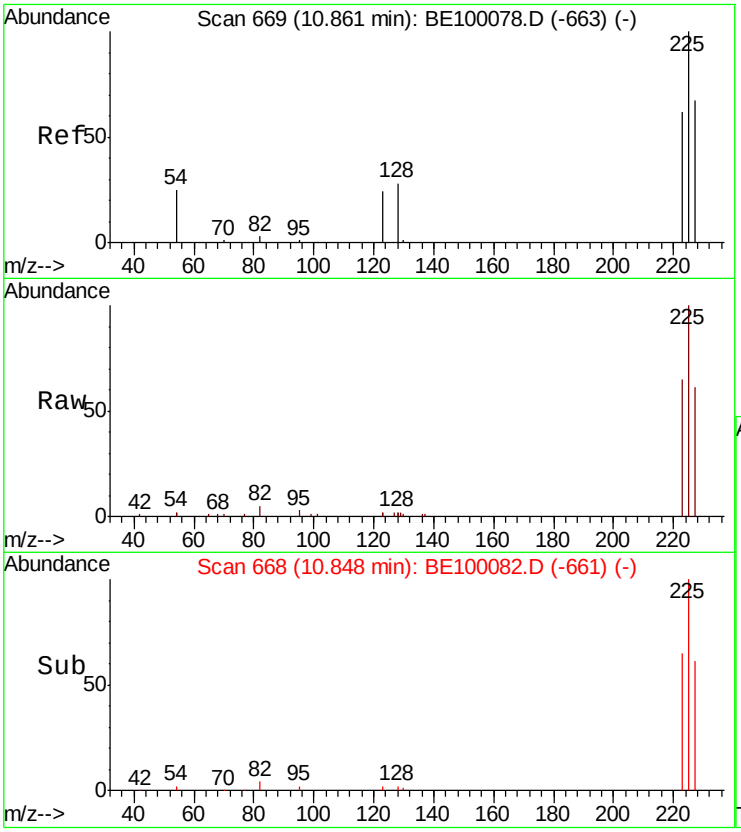


#9
Naphthalene
Concen: 4.921 ng
RT: 10.58 min Scan# 647
Delta R.T. -0.01 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Tgt Ion:128 Resp: 121064

Ion	Ratio	Lower	Upper
128	100		
129	2.8	3.1	4.7#
127	3.3	3.4	5.2#



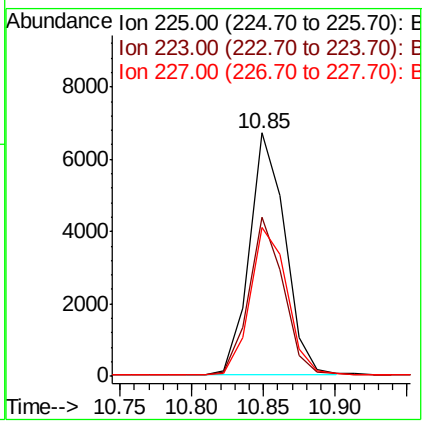


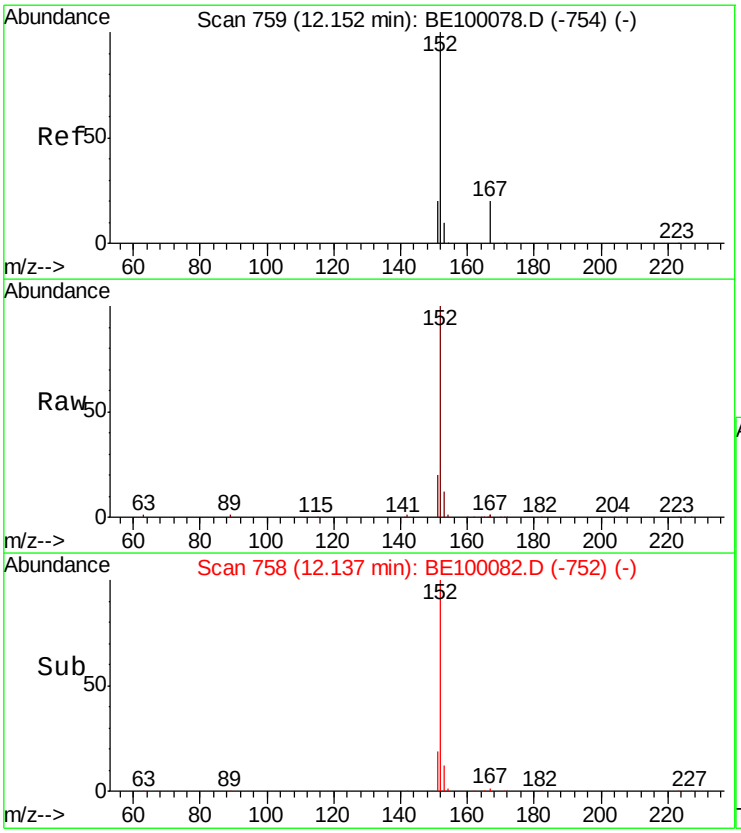
#10
Hexachlorobutadiene
Concen: 5.467 ng
RT: 10.85 min Scan# 668
Delta R.T. -0.01 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:225 Resp: 11545

Ion	Ratio	Lower	Upper
225	100		
223	62.7	52.2	78.4
227	63.0	53.0	79.6

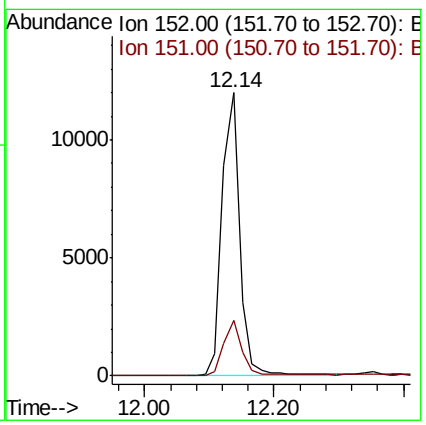


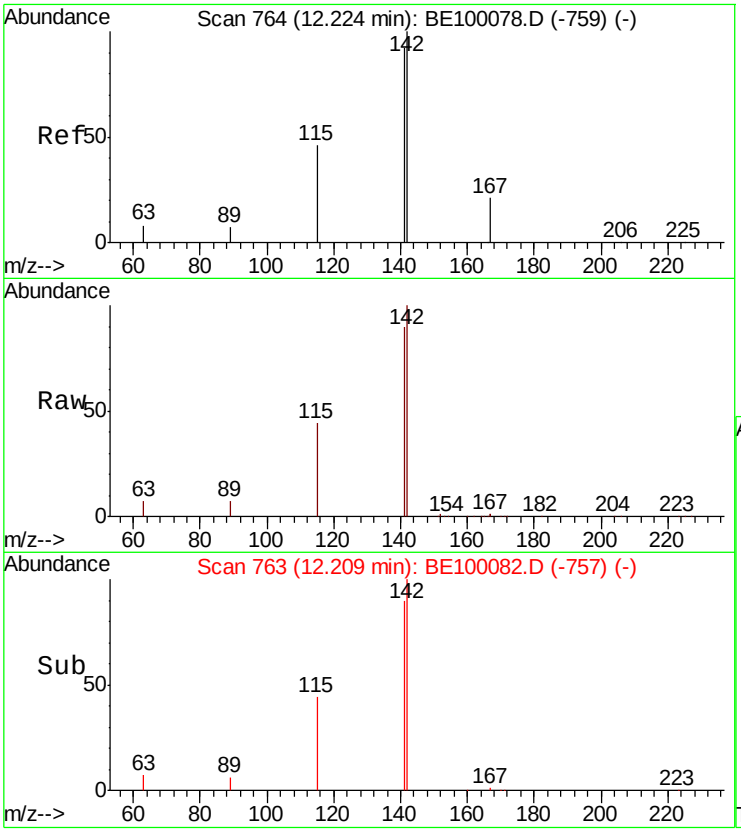


#11
2-Methylnaphthalene-d10
Concen: 5.557 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.01 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Tgt Ion:152 Resp: 22338

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.3	24.5



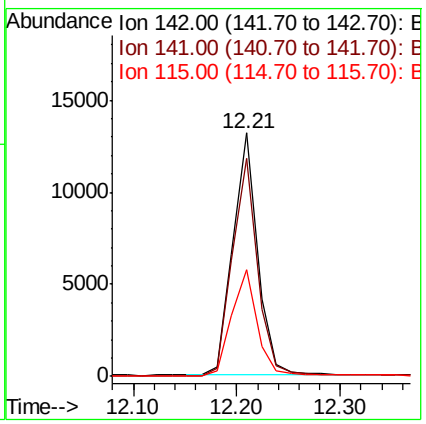


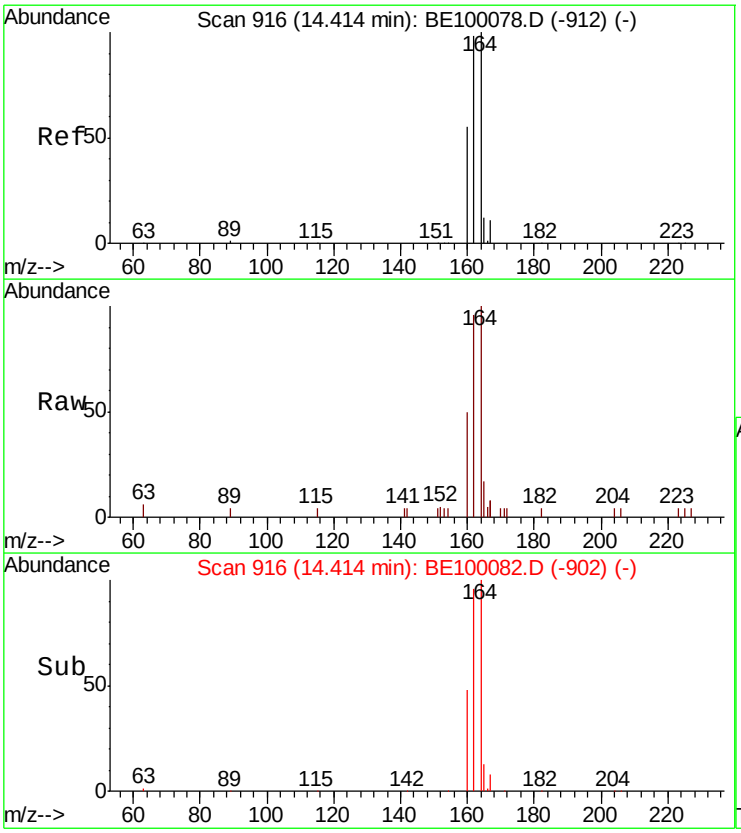
#12
2-Methylnaphthalene
Concen: 5.661 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:142 Resp: 21835

Ion	Ratio	Lower	Upper
142	100		
141	89.8	74.1	111.1
115	43.7	40.9	61.3

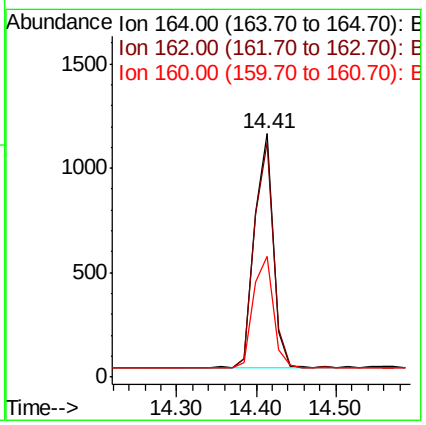


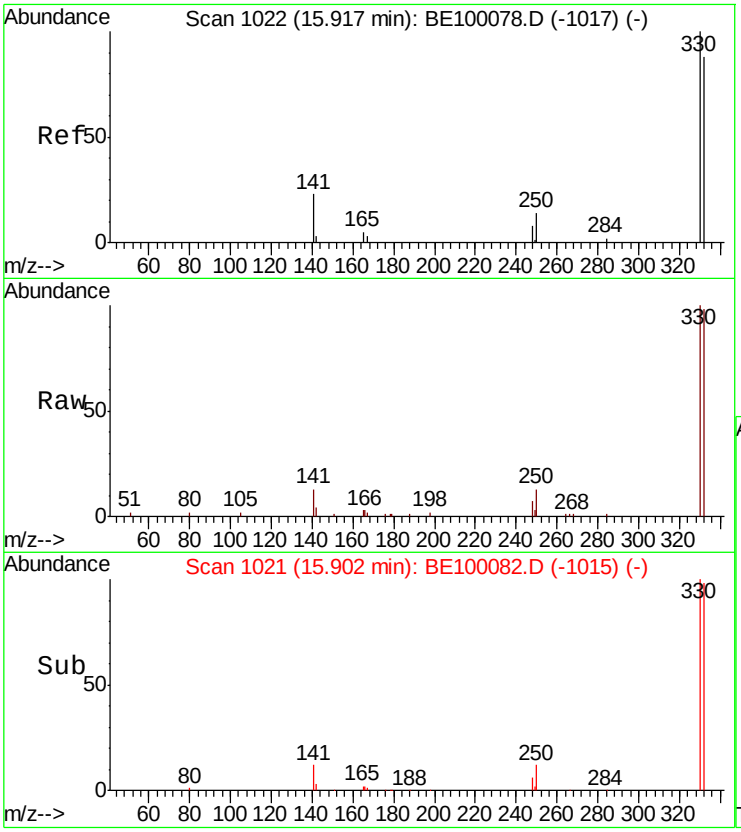


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.00 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Tgt Ion:164 Resp: 1820

Ion	Ratio	Lower	Upper
164	100		
162	96.1	78.2	117.2
160	49.7	45.6	68.4



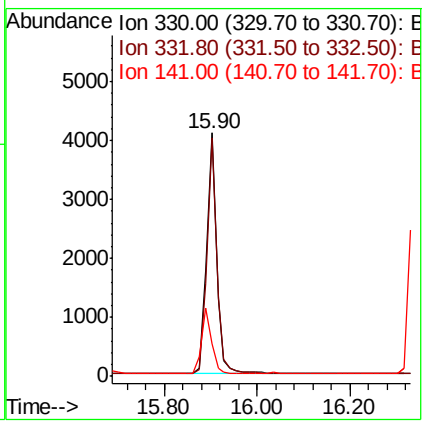


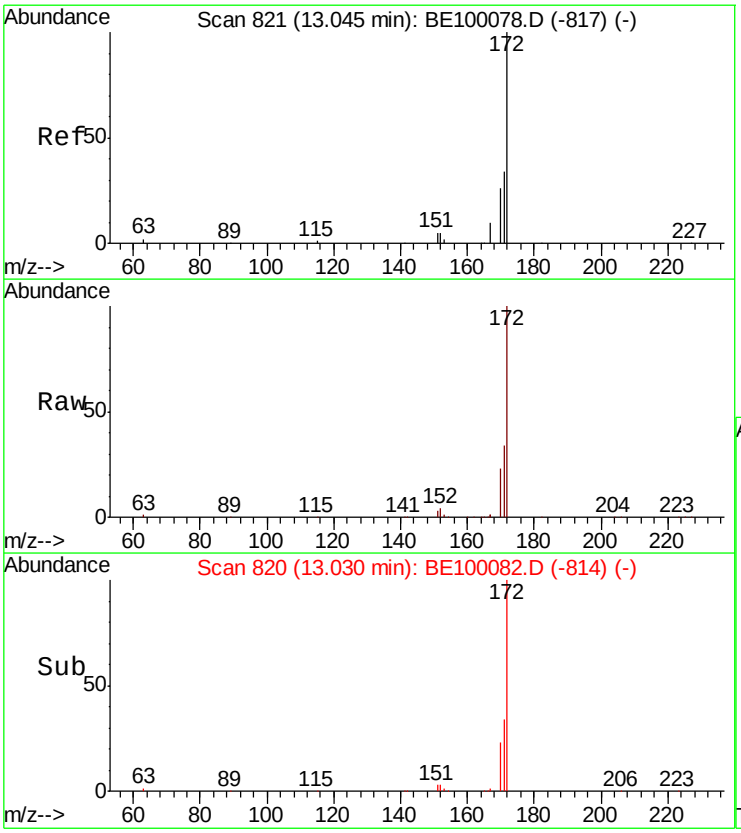
#14
2,4,6-Tribromophenol
Concen: 5.586 ng
RT: 15.90 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:330 Resp: 6222

Ion	Ratio	Lower	Upper
330	100		
332	96.3	73.3	109.9
141	26.7	22.2	33.2

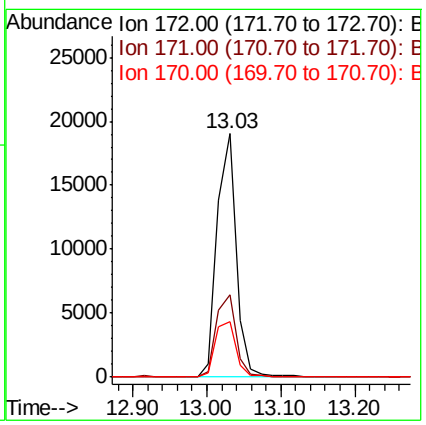


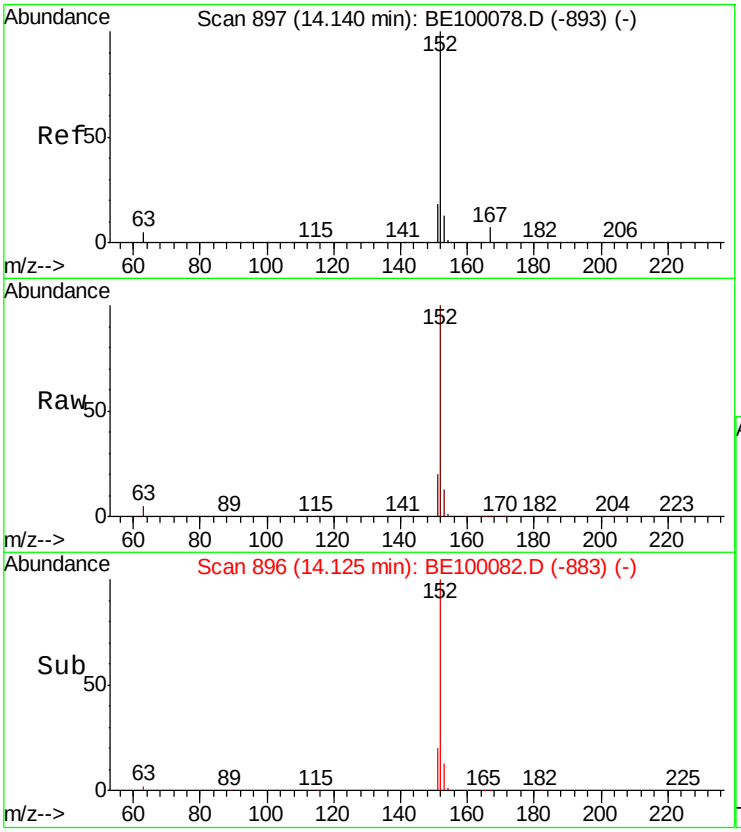


#15
2-Fluorobiphenyl
Concen: 4.810 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.01 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Tgt Ion:172 Resp: 33946

Ion	Ratio	Lower	Upper
172	100		
171	33.8	29.8	44.8
170	22.8	23.2	34.8#



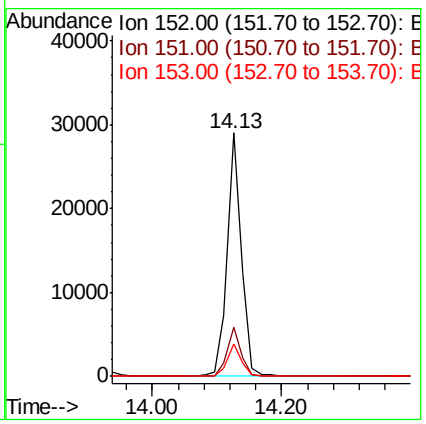


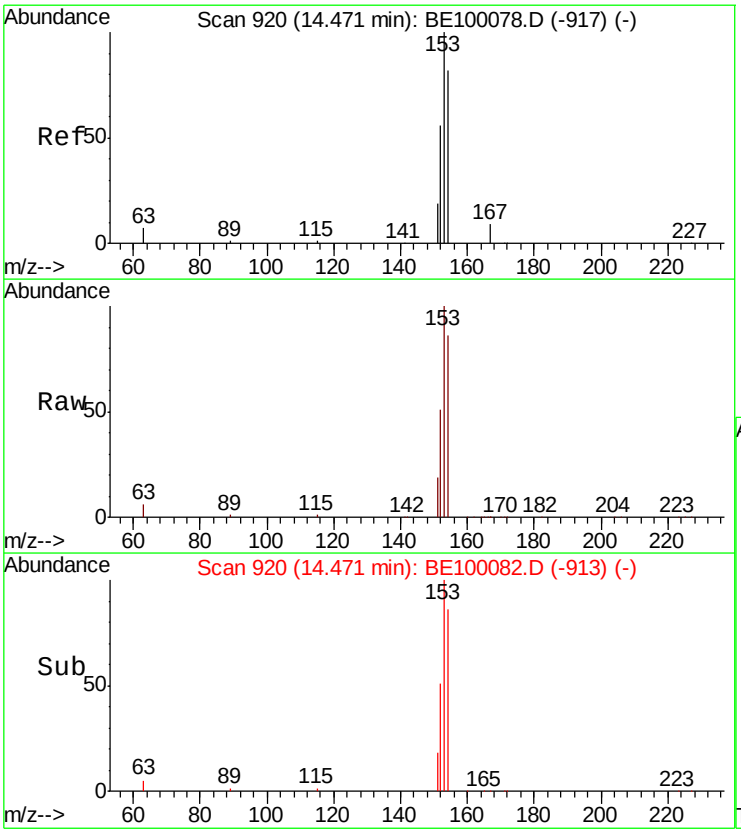
#16
Acenaphthylene
Concen: 4.769 ng
RT: 14.13 min Scan# 896
Delta R.T. -0.01 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 43475

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	13.0	10.1	15.1

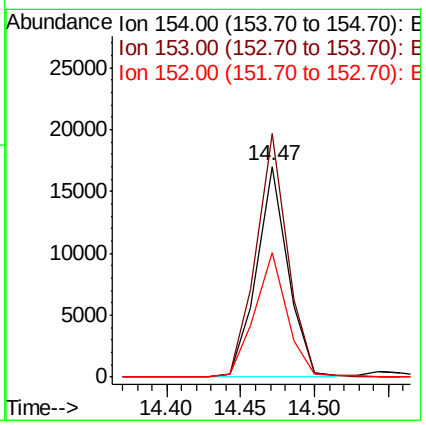


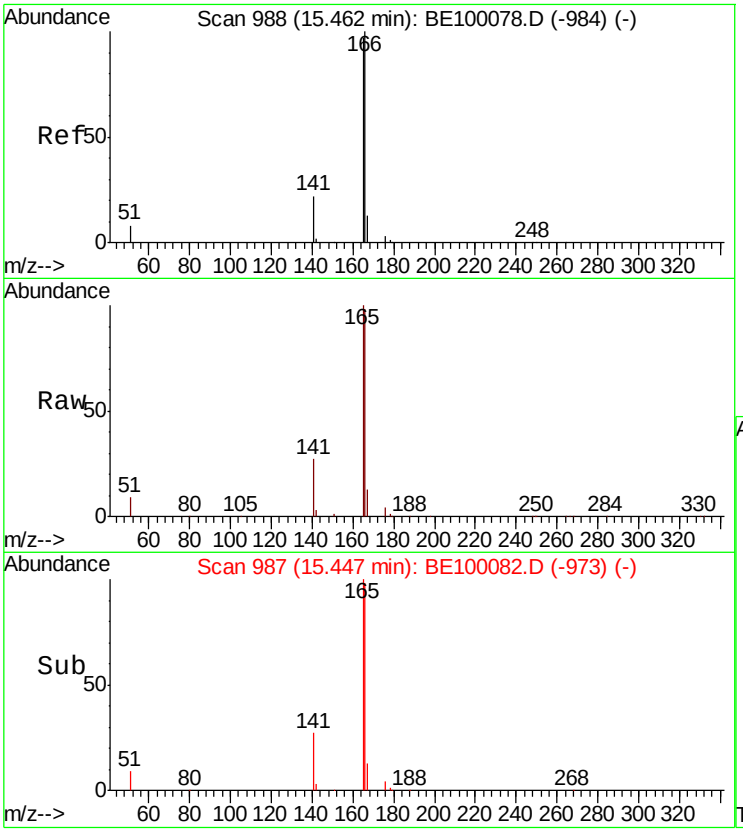


#17
Acenaphthene
Concen: 5.023 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Tgt Ion:154 Resp: 24773

Ion	Ratio	Lower	Upper
154	100		
153	116.6	95.5	143.3
152	60.8	54.9	82.3



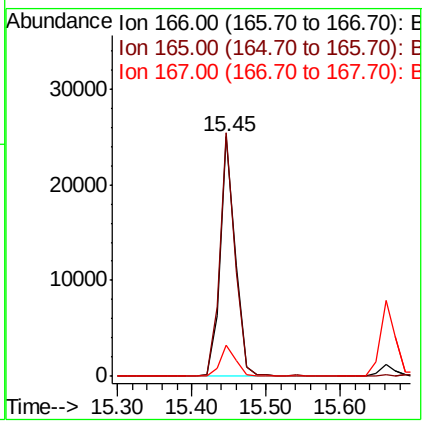


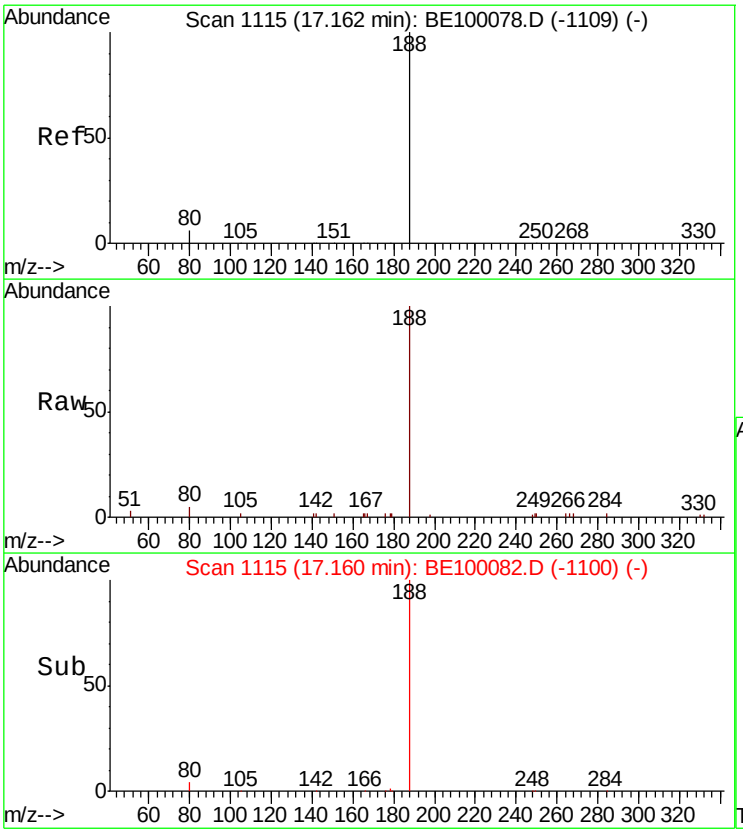
#18
Fluorene
Concen: 4.842 ng
RT: 15.45 min Scan# 987
Delta R.T. -0.01 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:166 Resp: 35561

Ion	Ratio	Lower	Upper
166	100		
165	101.8	79.8	119.8
167	13.3	10.2	15.4

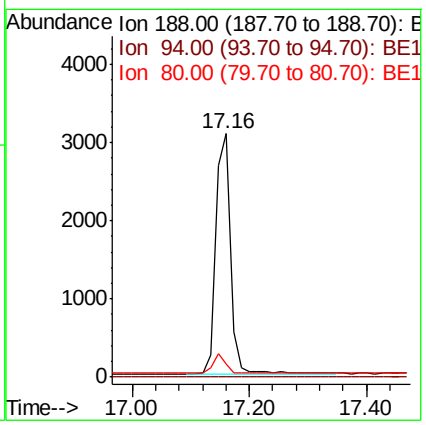


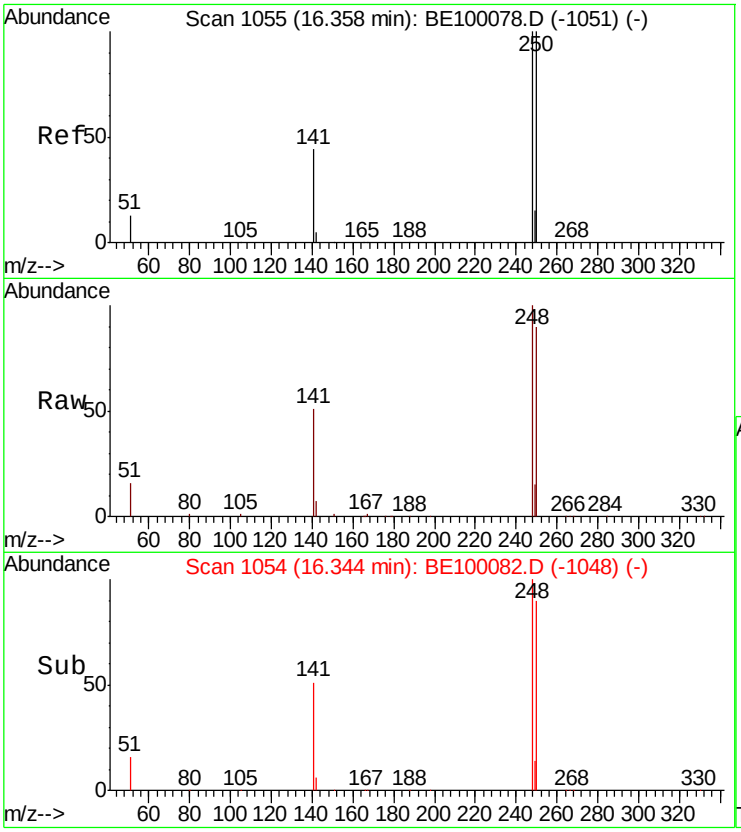


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.16 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Tgt Ion:188 Resp: 5409

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.5	6.3	9.5#



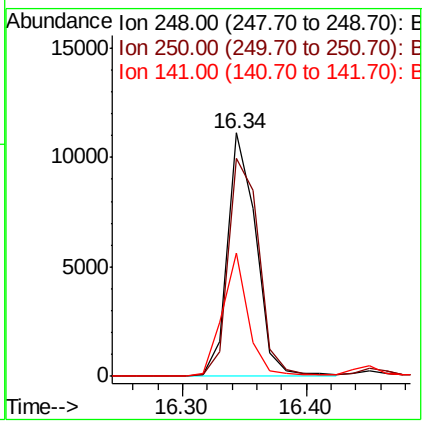


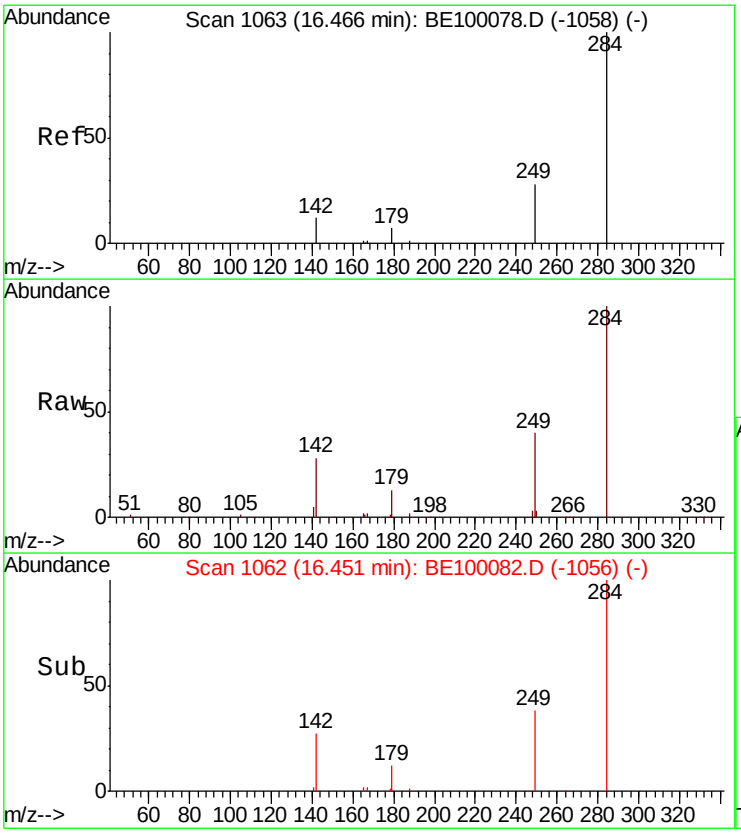
#20
4-Bromophenyl-phenylether
Concen: 5.381 ng
RT: 16.34 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:248 Resp: 17512

Ion	Ratio	Lower	Upper
248	100		
250	89.6	80.6	120.8
141	50.8	38.8	58.2

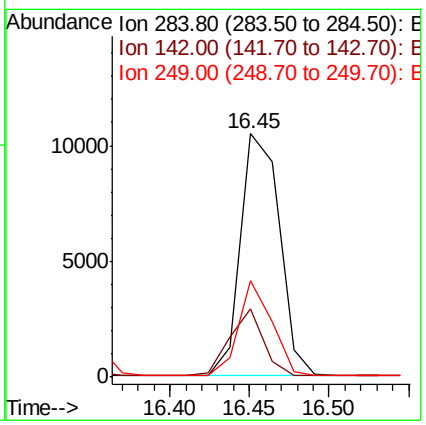


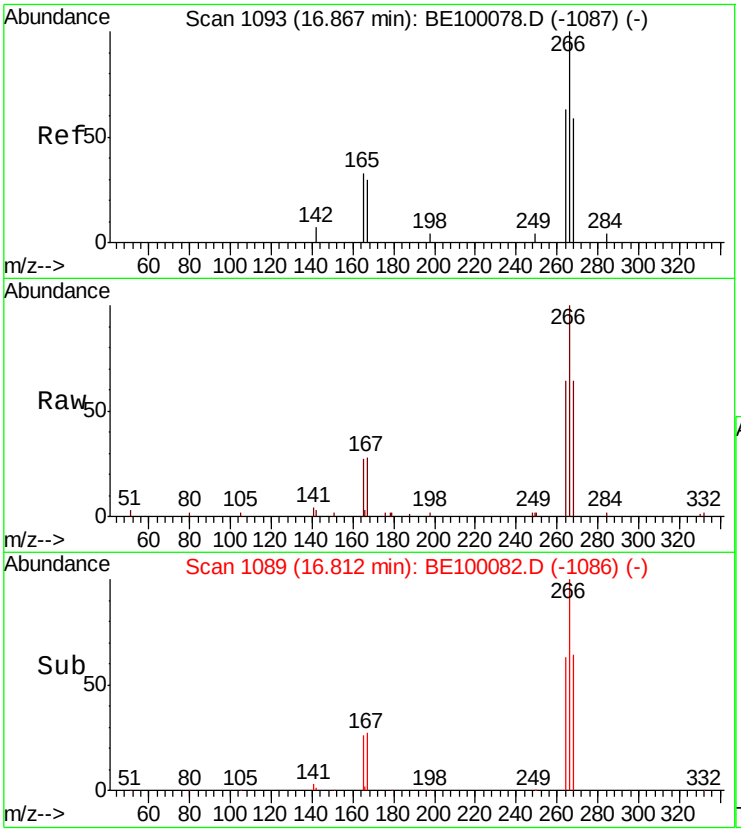


#21
Hexachlorobenzene
Concen: 5.354 ng
RT: 16.45 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Tgt Ion:284 Resp: 17866

Ion	Ratio	Lower	Upper
284	100		
142	24.0	20.7	31.1
249	33.4	26.6	39.8



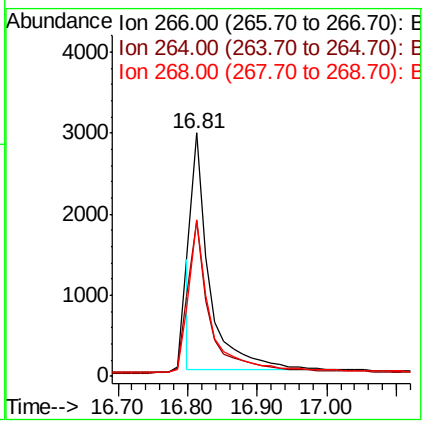


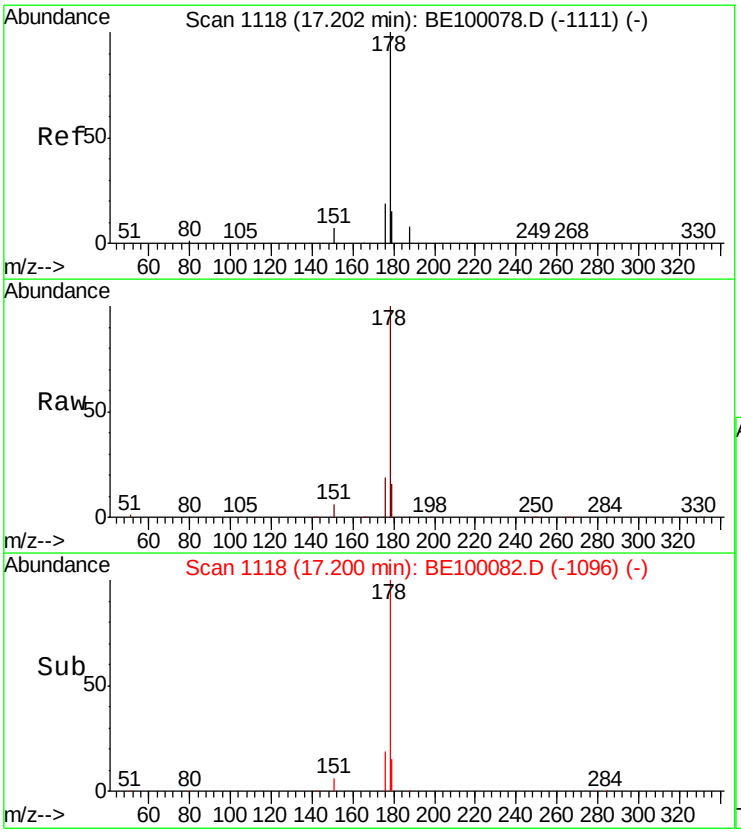
#22
Pentachlorophenol
Concen: 4.697 ng
RT: 16.81 min Scan# 1089
Delta R.T. -0.05 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:266 Resp: 4904

Ion	Ratio	Lower	Upper
266	100		
264	63.8	67.8	101.6#
268	64.2	70.0	105.0#

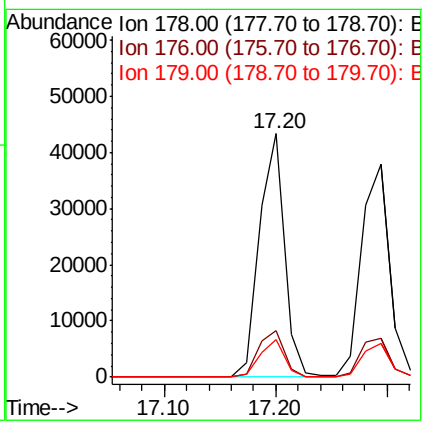


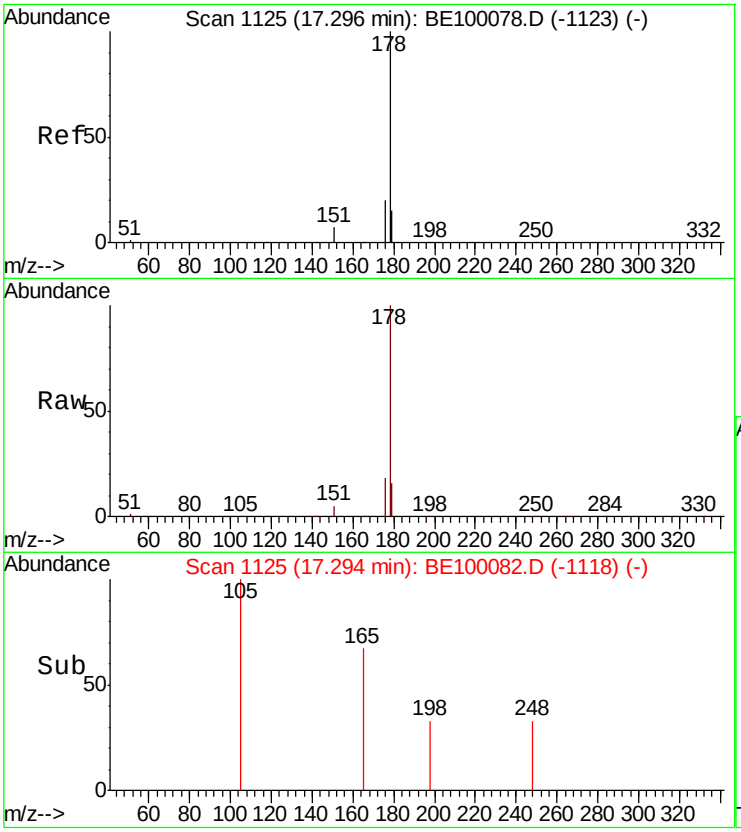


#23
Phenanthrene
Concen: 5.205 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Tgt Ion:178 Resp: 68623

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	15.2	13.1	19.7



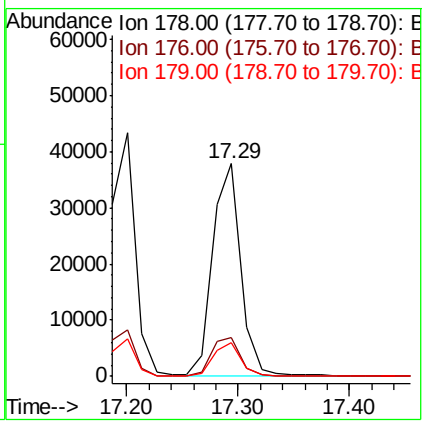


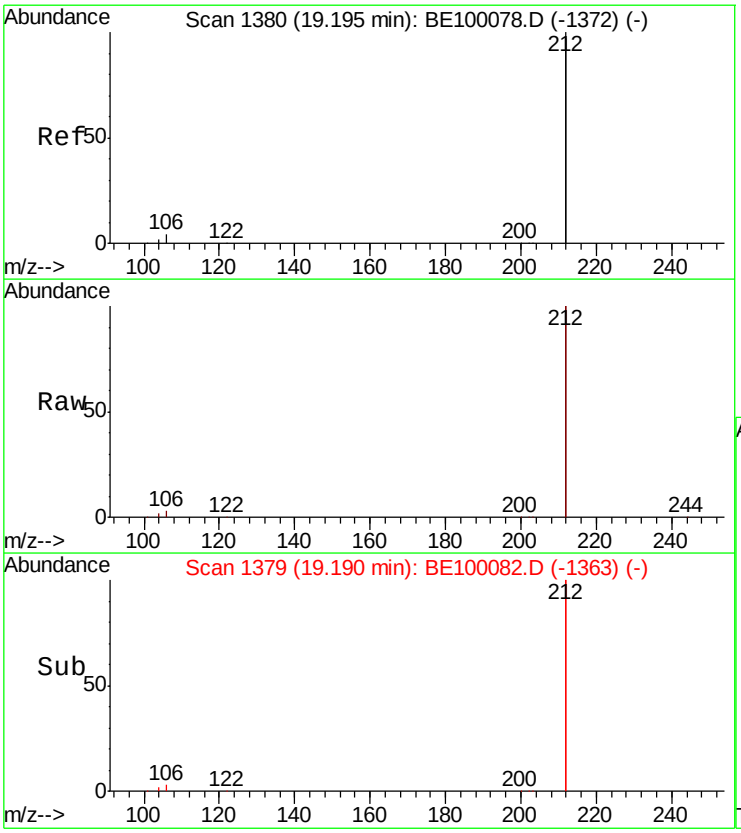
#24
Anthracene
Concen: 5.691 ng
RT: 17.29 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:178 Resp: 65943

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.6
179	15.3	12.0	18.0

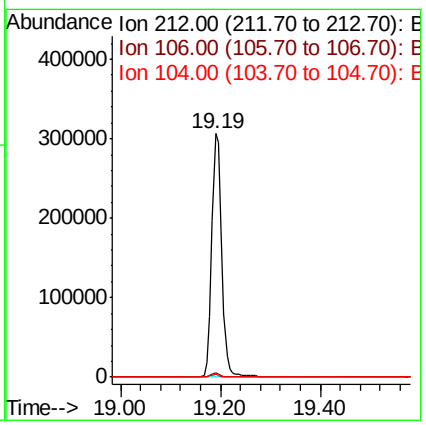


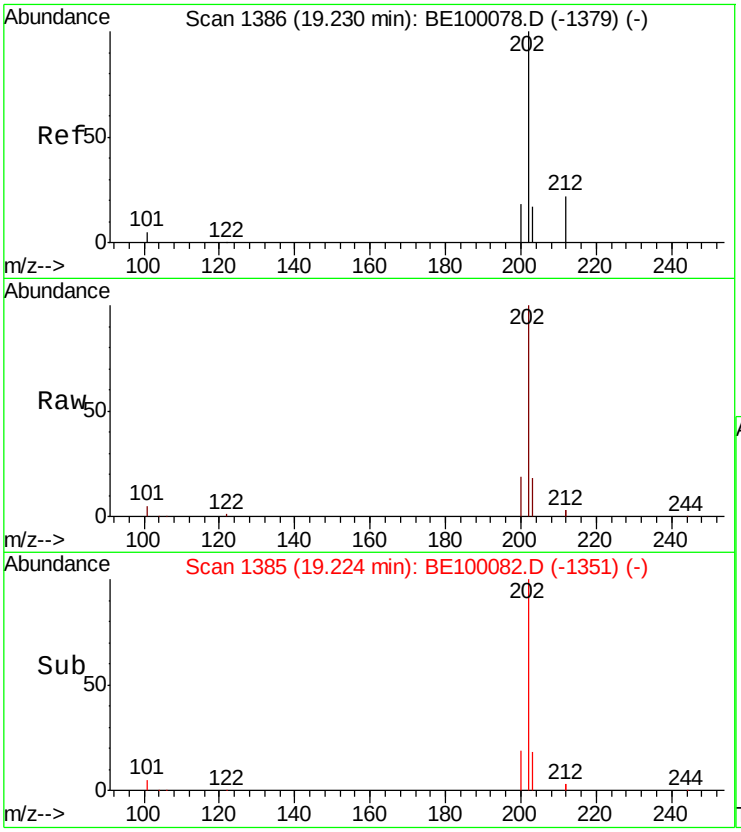


#25
Fluoranthene-d10
Concen: 5.558 ng
RT: 19.19 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Tgt Ion:212 Resp: 422795

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.4	2.0
104	1.0	0.8	1.2



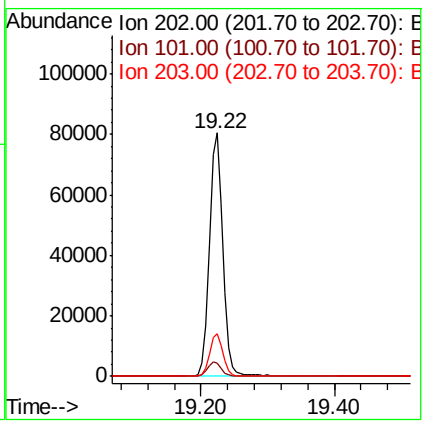


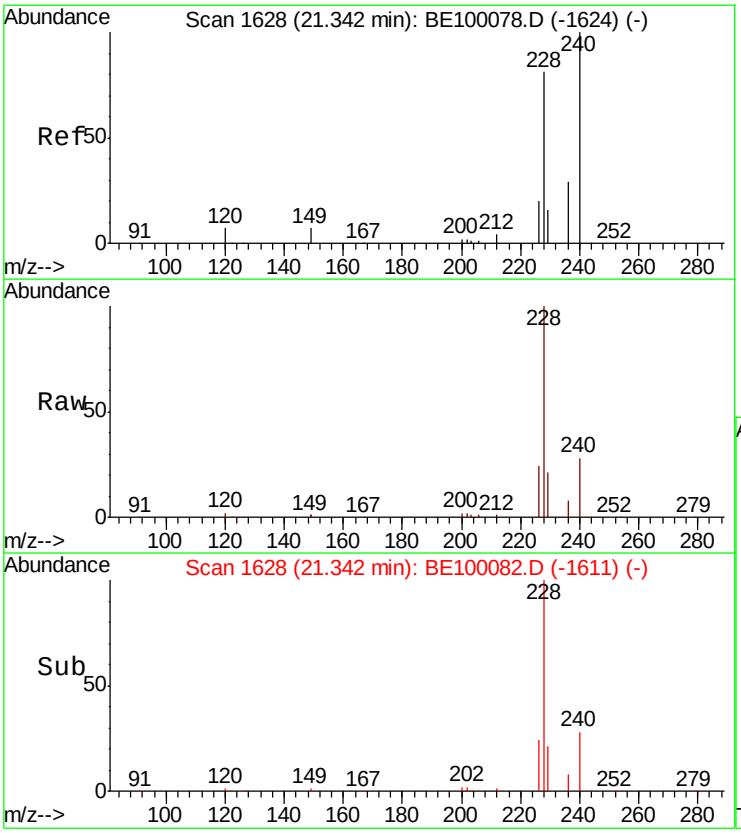
#26
Fluoranthene
Concen: 5.117 ng
RT: 19.22 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:202 Resp: 110956

Ion	Ratio	Lower	Upper
202	100		
101	6.2	5.0	7.4
203	17.5	13.7	20.5

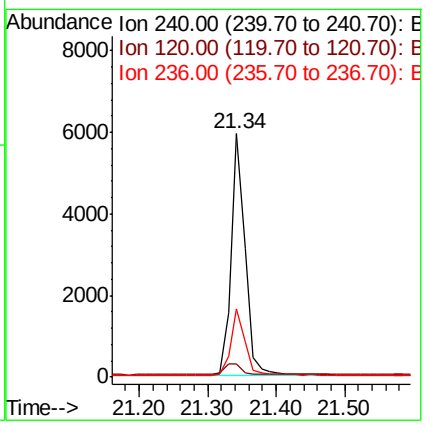


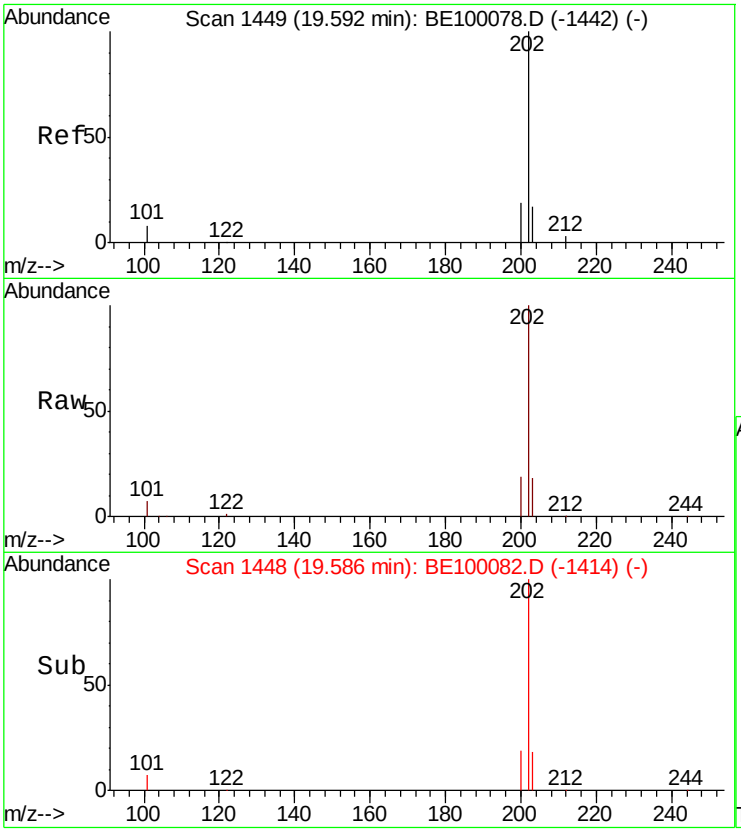


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Tgt Ion:240 Resp: 8346

Ion	Ratio	Lower	Upper
240	100		
120	5.4	6.6	10.0#
236	28.1	23.8	35.6



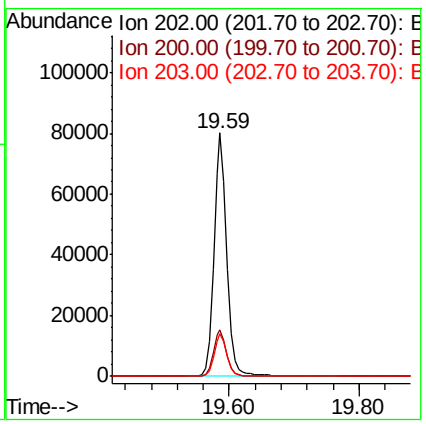


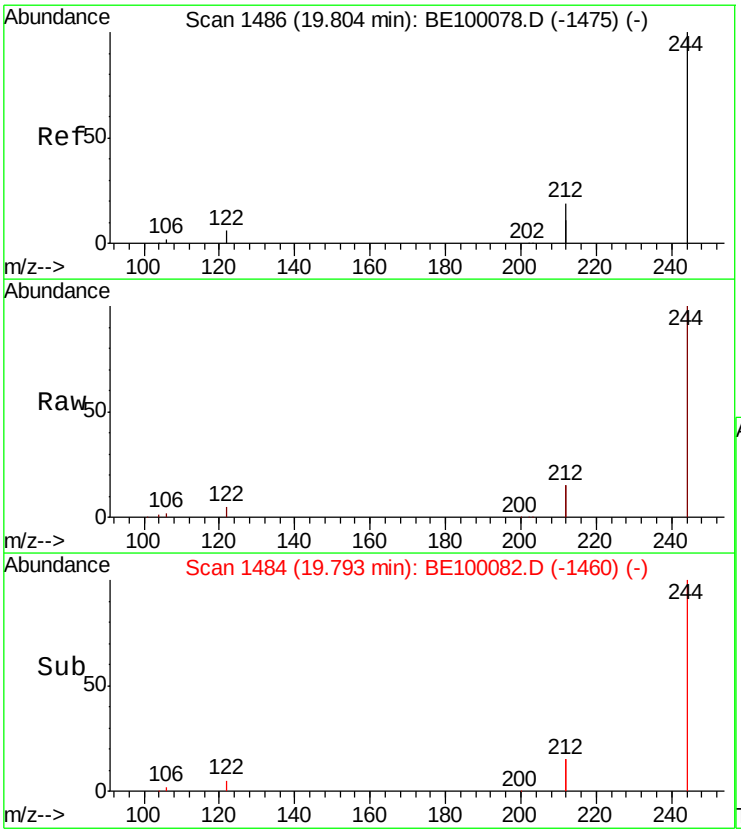
#28
Pyrene
Concen: 5.388 ng
RT: 19.59 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:202 Resp: 111877

Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.6	23.4
203	17.6	13.9	20.9

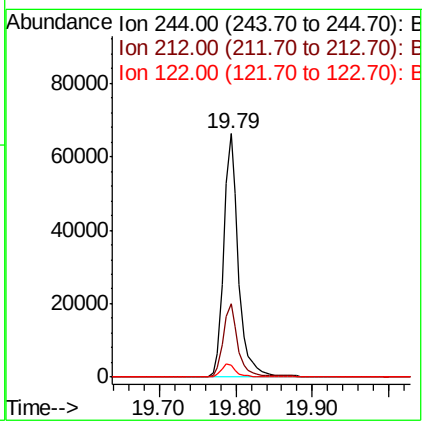


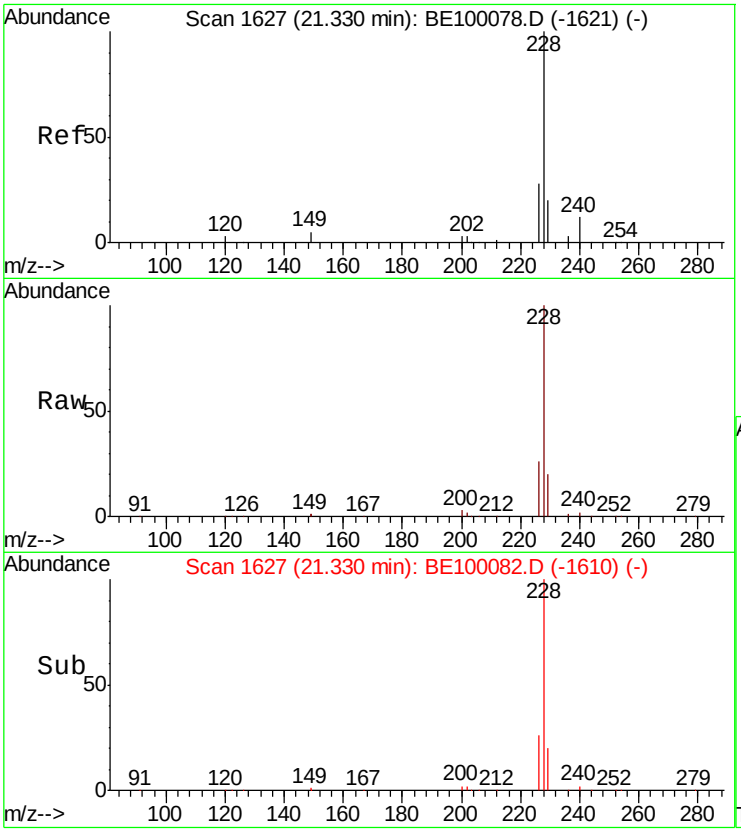


#29
Terphenyl-d14
Concen: 6.279 ng
RT: 19.79 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Tgt Ion:244 Resp: 88283

Ion	Ratio	Lower	Upper
244	100		
212	29.9	29.8	44.8
122	5.1	6.1	9.1#



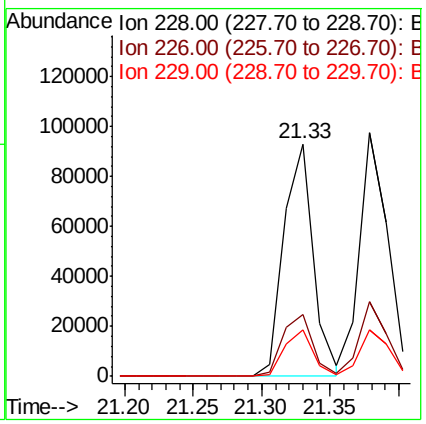


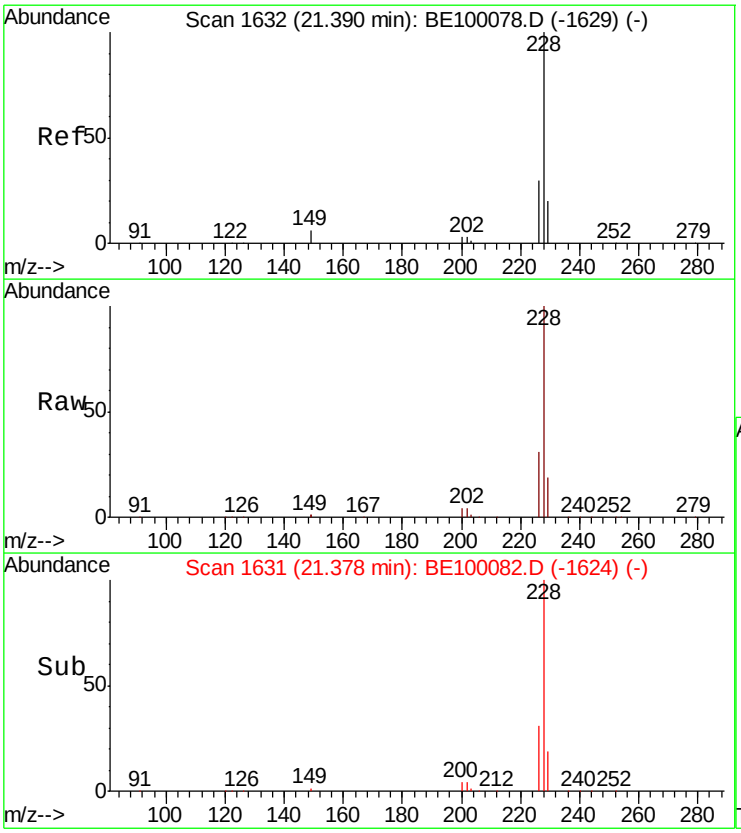
#30
Benzo(a)anthracene
Concen: 5.761 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:228 Resp: 138428

Ion	Ratio	Lower	Upper
228	100		
226	26.5	23.0	34.4
229	20.1	16.4	24.6

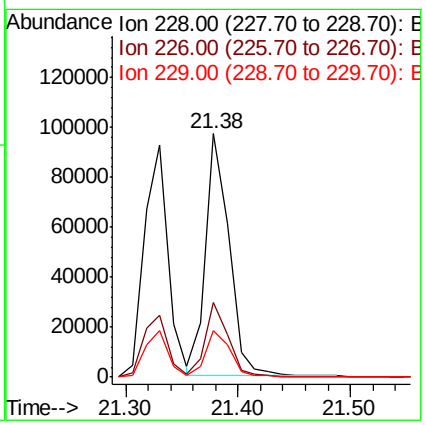


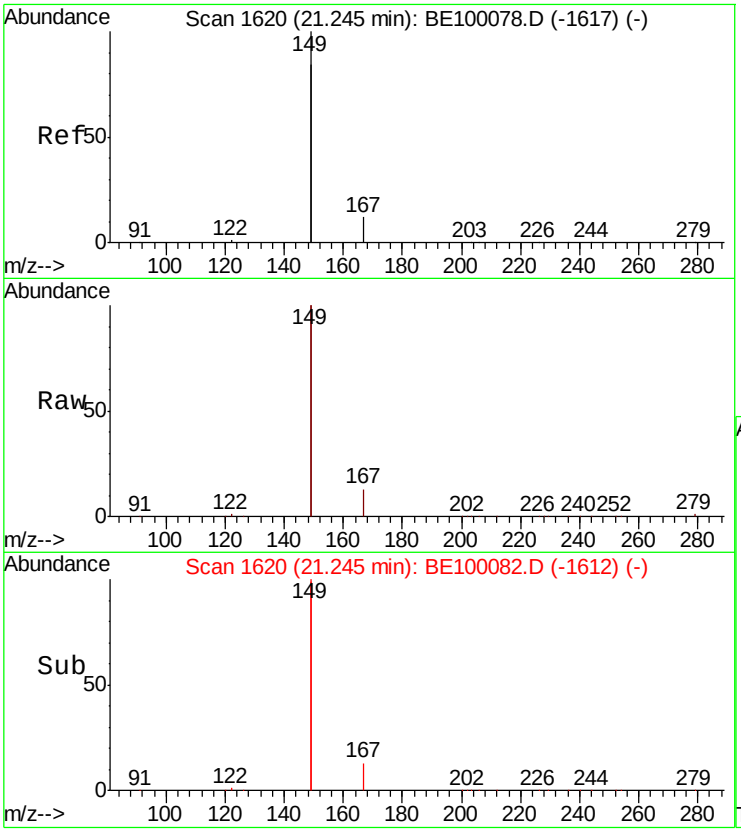


#31
Chrysene
Concen: 5.223 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Tgt Ion:228 Resp: 141528

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.8	35.8
229	19.2	16.3	24.5



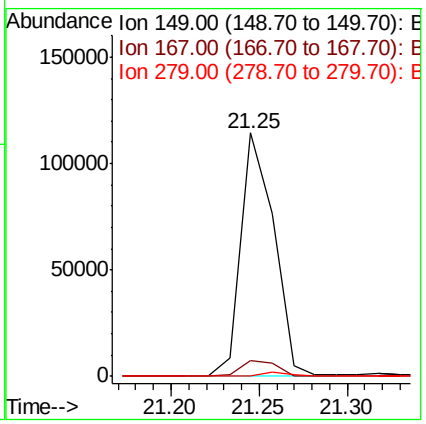


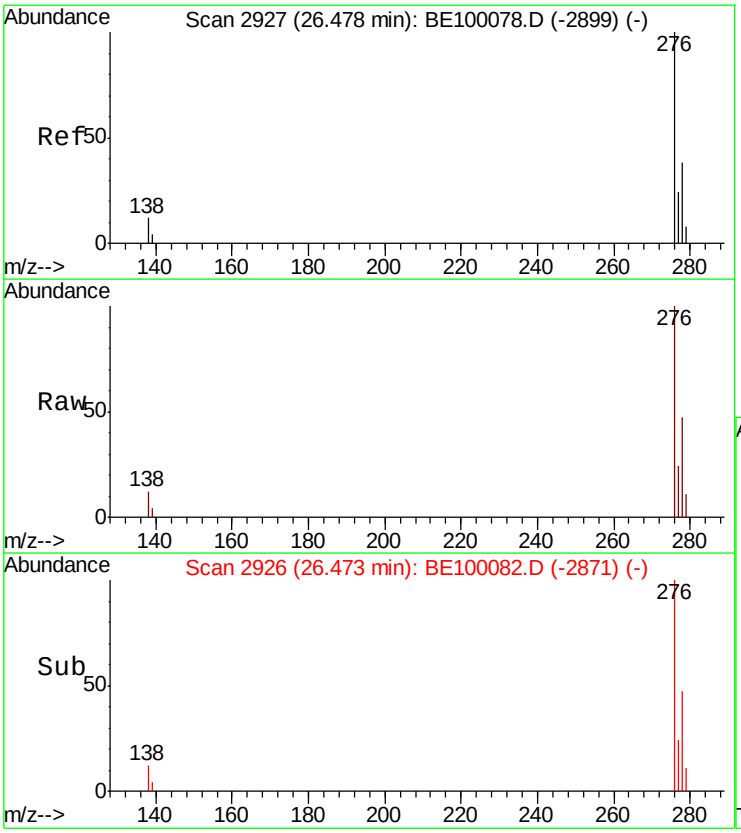
#32
Bis(2-ethylhexyl)phthalate
Concen: 4.423 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:149 Resp: 148017

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.8	8.6
279	1.4	1.1	1.7

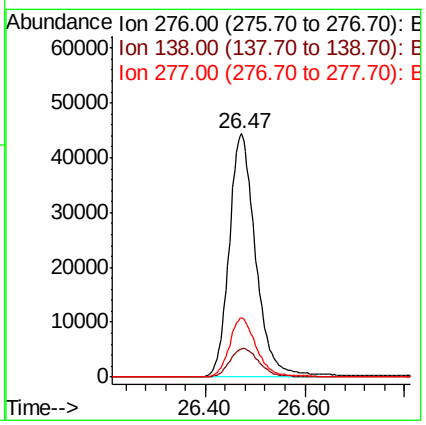


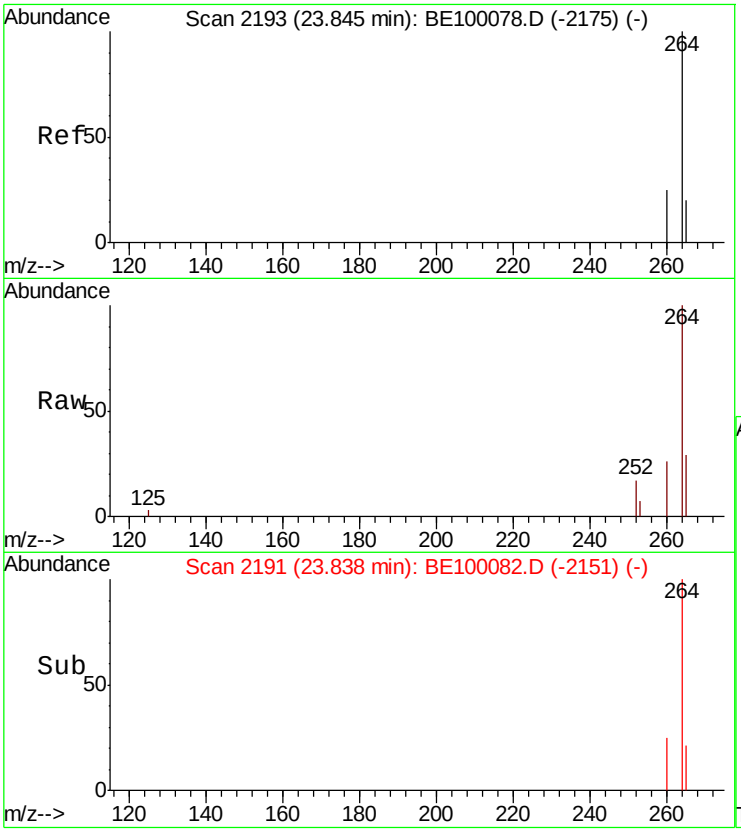


#33
Indeno(1,2,3-cd)pyrene
Concen: 5.118 ng
RT: 26.47 min Scan# 2926
Delta R.T. -0.00 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Tgt Ion:276 Resp: 163891

Ion	Ratio	Lower	Upper
276	100		
138	12.9	4.3	6.5#
277	24.7	19.4	29.0



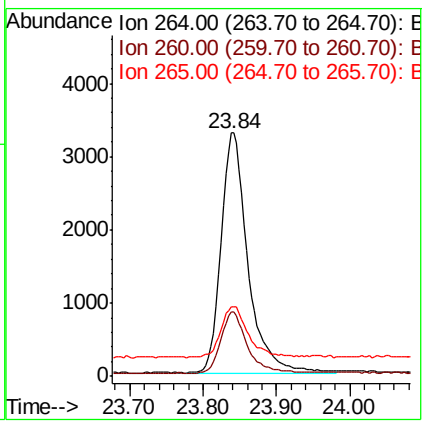


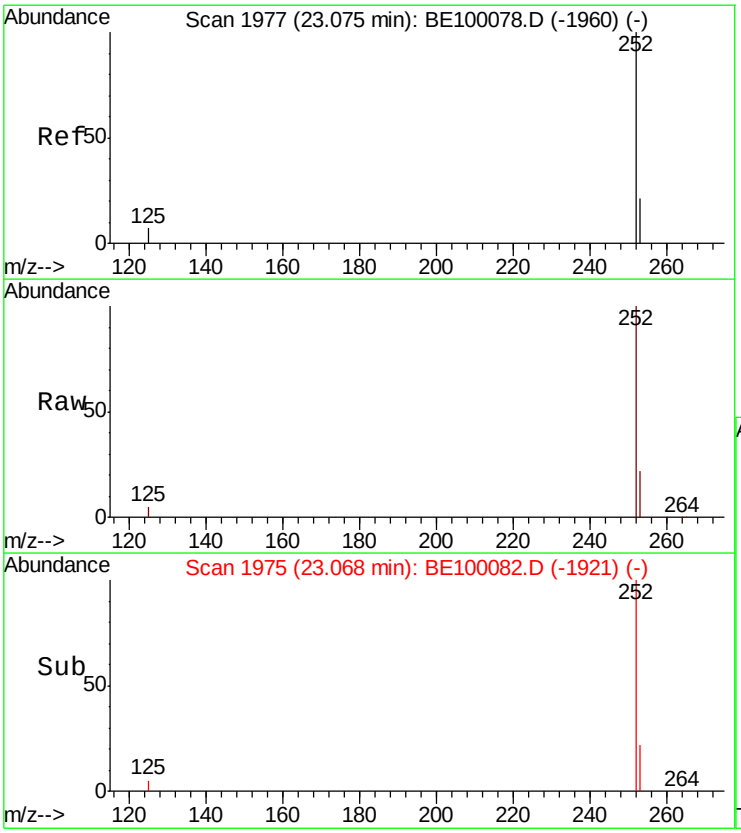
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:264 Resp: 8429

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.8	31.2
265	28.7	23.2	34.8

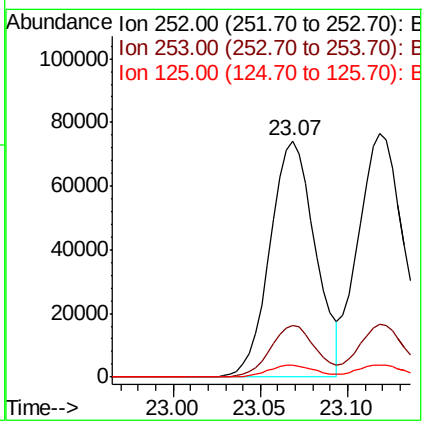


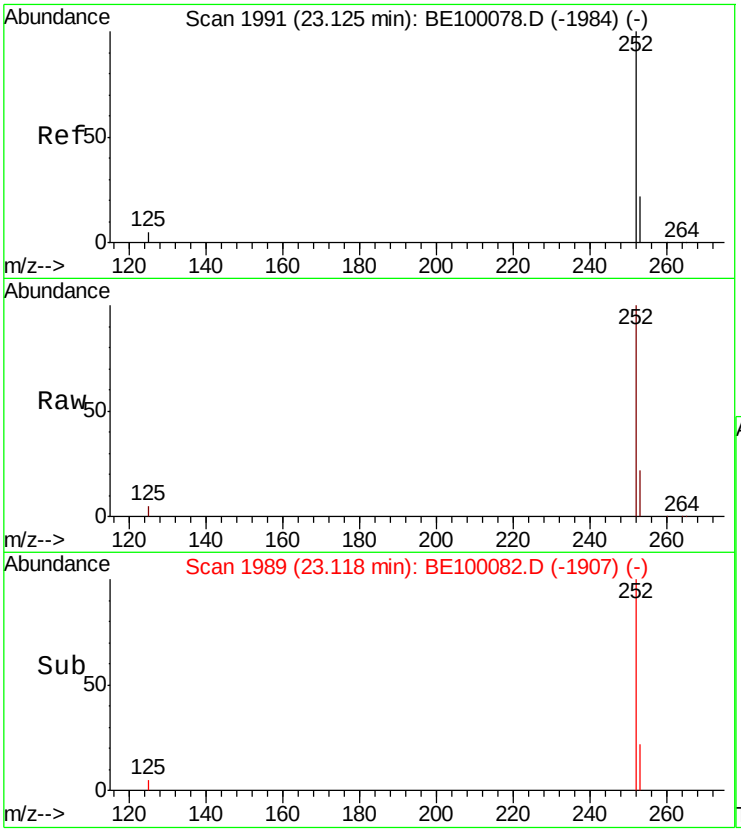


#35
Benzo(b)fluoranthene
Concen: 5.508 ng
RT: 23.07 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Tgt Ion:252 Resp: 133778

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	5.1	6.4	9.6#



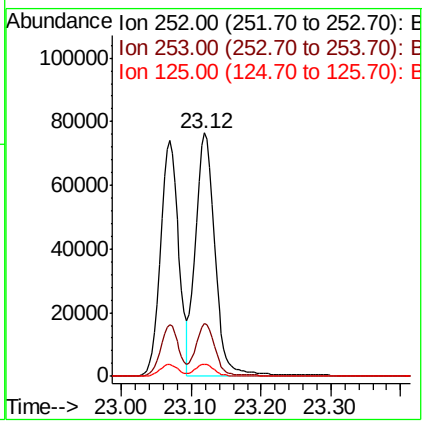


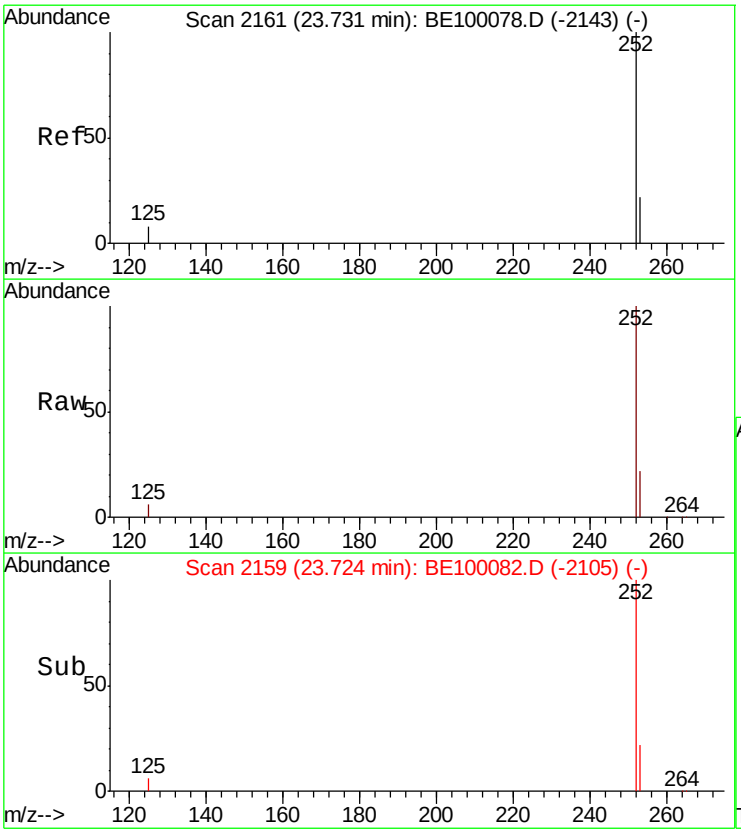
#36
Benzo(k)fluoranthene
Concen: 5.545 ng
RT: 23.12 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 145947

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.9	28.3
125	5.1	5.3	7.9#

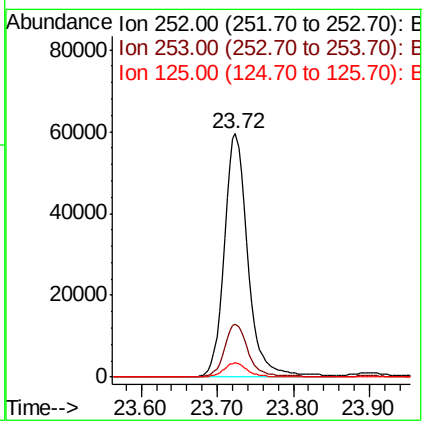


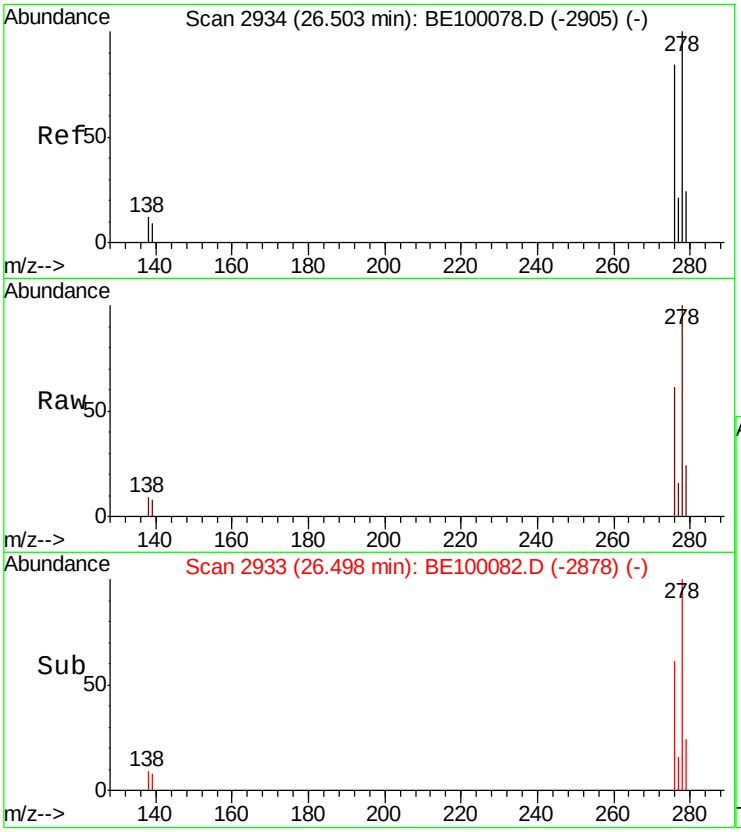


#37
Benzo(a)pyrene
Concen: 5.264 ng
RT: 23.72 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Tgt Ion:252 Resp: 126938

Ion	Ratio	Lower	Upper
252	100		
253	21.8	19.4	29.2
125	5.8	8.0	12.0#



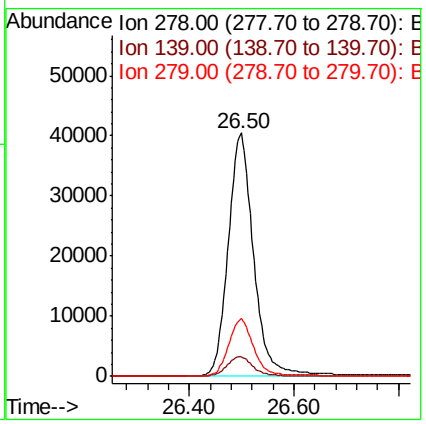


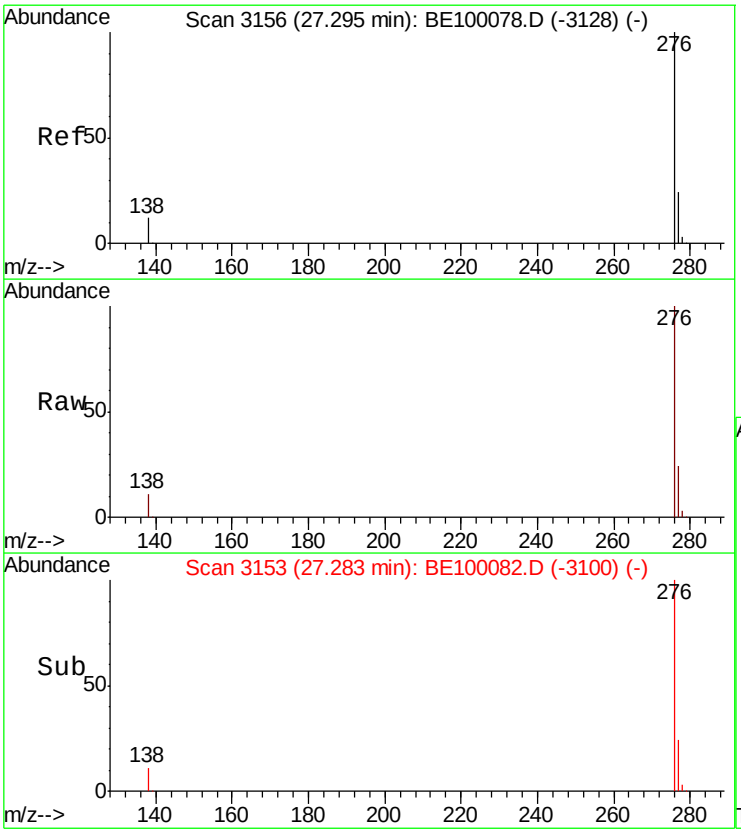
#38
Dibenzo(a,h)anthracene
Concen: 5.787 ng
RT: 26.50 min Scan# 2933
Delta R.T. -0.00 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:278 Resp: 136065

Ion	Ratio	Lower	Upper
278	100		
139	8.2	9.0	13.6#
279	23.7	21.4	32.0





#39
Benzo(g,h,i)perylene
Concen: 5.352 ng
RT: 27.28 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BE100082.D
Acq: 19 Jun 2019 13:07

Tgt Ion:276 Resp: 133147

Ion	Ratio	Lower	Upper
276	100		
277	24.3	20.3	30.5
138	11.2	11.3	16.9#