Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061919\
Data File : BE100081.D
Acq On : 19 Jun 2019 12:31
Operator : JU/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Quant Time: Jun 19 13:17:27 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 12:26:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	628	0.40	ng		0.00
7) Naphthalene-d8	10.52	136	2200	0.40	ng		-0.01
13) Acenaphthene-d10	14.41	164	1727	0.40	ng		0.00
19) Phenanthrene-d10	17.16	188	5339	0.40	ng		0.00
27) Chrysene-d12	21.34	240	8404	0.40	ng		0.00
34) Perylene-d12	23.84	264	8417	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.30	112	4716	2.77	ng		0.00
5) Phenol-d6	6.90	99	6445	3.14	ng		-0.03
8) Nitrobenzene-d5	8.89	82	7824	3.59	ng		-0.03
11) 2-Methylnaphthalene-d10	12.14	152	13441	3.38	ng		-0.02
14) 2,4,6-Tribromophenol	15.90	330	3492	3.30	ng		-0.01
15) 2-Fluorobiphenyl	13.03	172	21257	3.17	ng		-0.02
25) Fluoranthene-d10	19.19	212	251660	3.35	ng		0.00
29) Terphenyl-d14	19.79	244	54051	3.82	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	2915	2.660	ng		92
6) bis(2-Chloroethyl)ether	7.15	93	5490	2.854	ng	#	1
9) Naphthalene	10.57	128	76454	3.143	ng	#	97
10) Hexachlorobutadiene	10.85	225	7203	3.450	ng		96
12) 2-Methylnaphthalene	12.21	142	13542	3.551	ng		95
16) Acenaphthylene	14.12	152	26813	3.100	ng		99
17) Acenaphthene	14.47	154	15135	3.234	ng		96
18) Fluorene	15.45	166	22615	3.245	ng		99
20) 4-Bromophenyl-phenylether	16.34	248	10405	3.239	ng		89
21) Hexachlorobenzene	16.45	284	11046	3.353	ng		99
22) Pentachlorophenol	16.81	266	2602	2.525	ng	#	77
23) Phenanthrene	17.20	178	42528	3.268	ng		98
24) Anthracene	17.29	178	40603	3.550	ng		99
26) Fluoranthene	19.22	202	69218	3.234	ng		100
28) Pyrene	19.59	202	69464	3.322	ng		100
30) Benzo(a)anthracene	21.33	228	86531	3.576	ng		97
31) Chrysene	21.38	228	91229	3.344	ng		99
32) Bis(2-ethylhexyl)phthalate	21.25	149	90410	2.683	ng		100
33) Indeno(1,2,3-cd)pyrene	26.47	276	106299	3.297	ng	#	95
35) Benzo(b)fluoranthene	23.07	252	84379	3.479	ng	#	97
36) Benzo(k)fluoranthene	23.12	252	94419	3.592	ng		97
37) Benzo(a)pyrene	23.72	252	80166	3.329	ng	#	94
38) Dibenzo(a,h)anthracene	26.49	278	87958	3.747	ng	#	94
39) Benzo(g,h,i)perylene	27.29	276	86662	3.489	ng		96

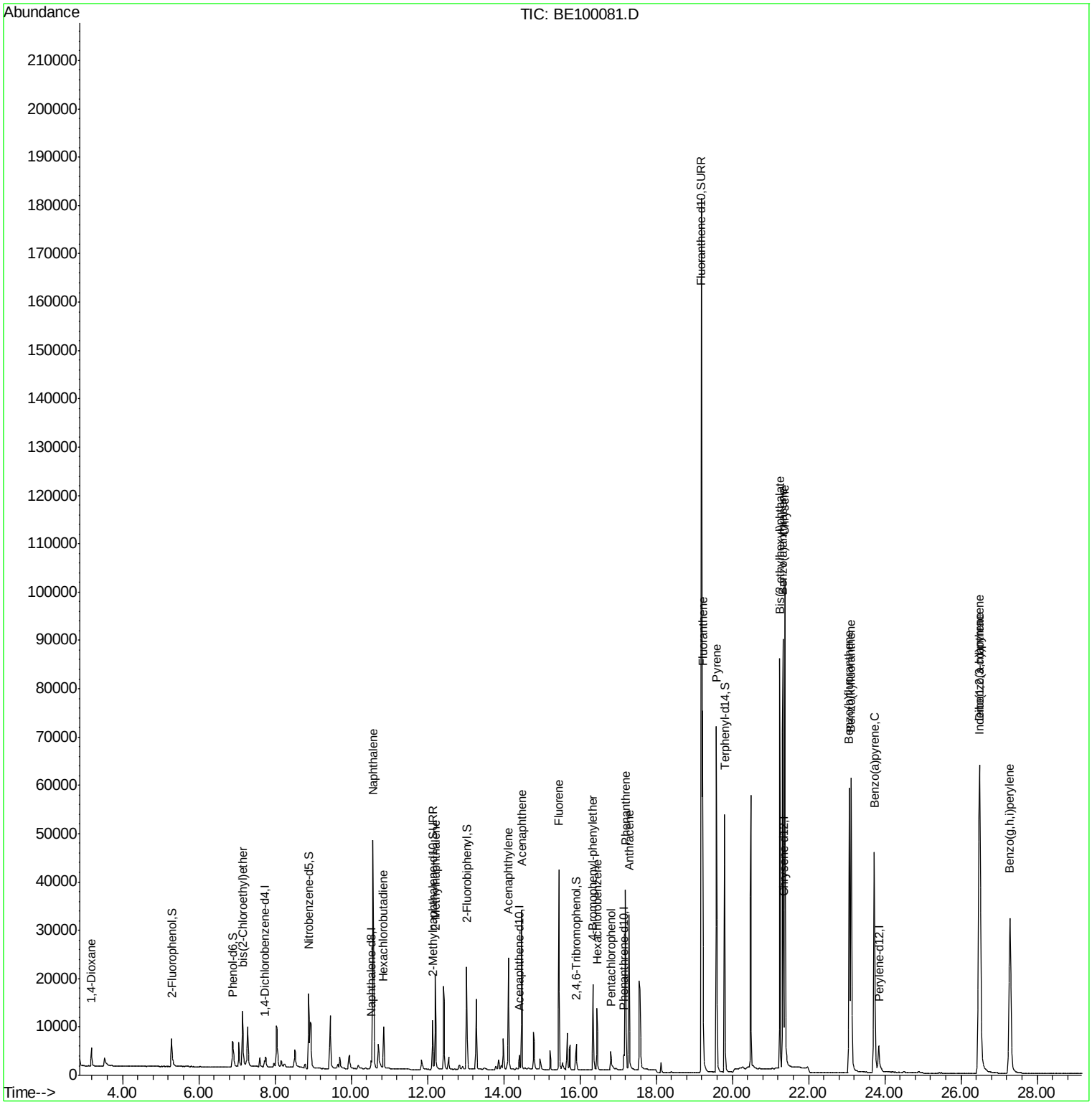
(#) = qualifier out of range (m) = manual integration (+) = signals summed

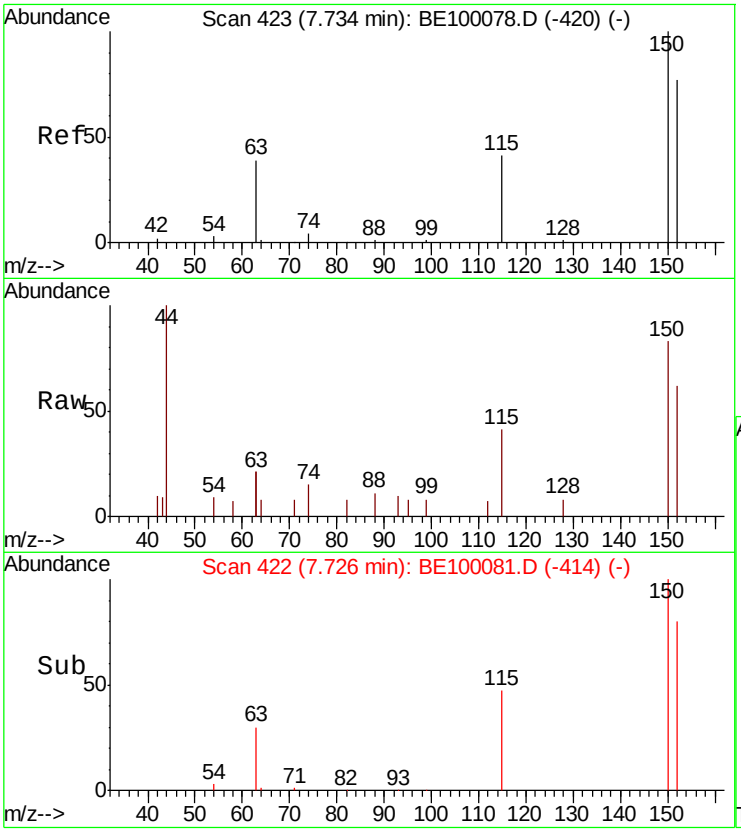
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061919\
Data File : BE100081.D
Acq On : 19 Jun 2019 12:31
Operator : JU/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Quant Time: Jun 19 13:17:27 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 12:26:33 2019
Response via : Initial Calibration



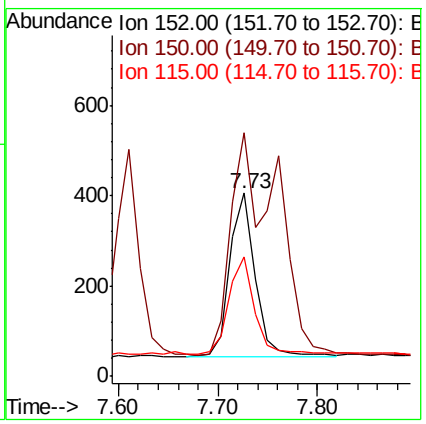


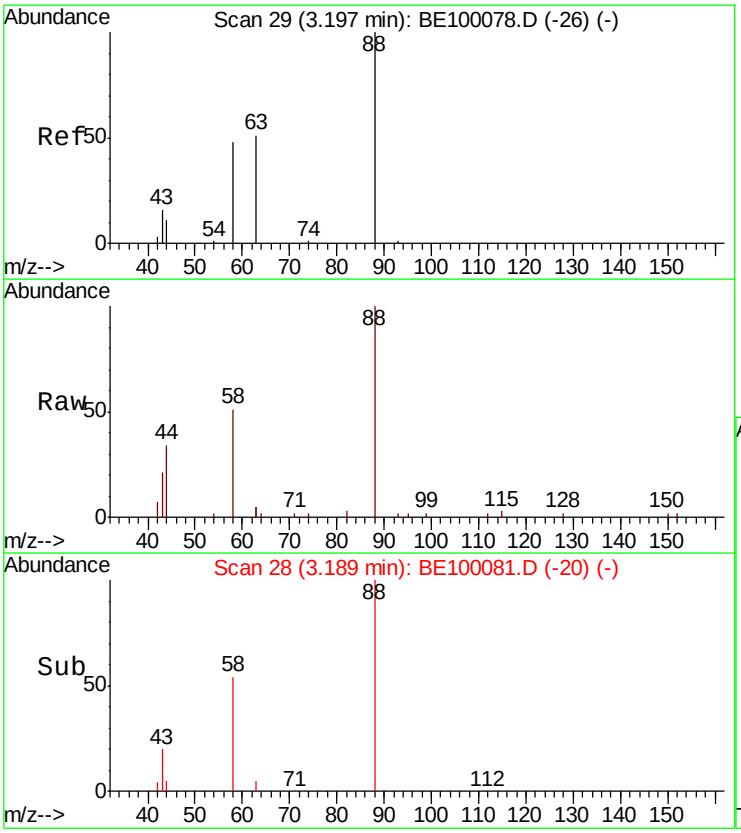
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 628

Ion	Ratio	Lower	Upper
152	100		
150	132.8	99.8	149.8
115	65.5	51.3	76.9

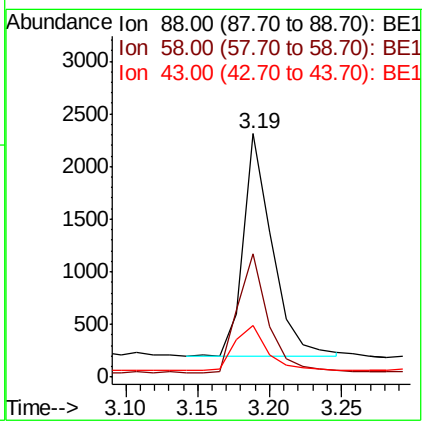


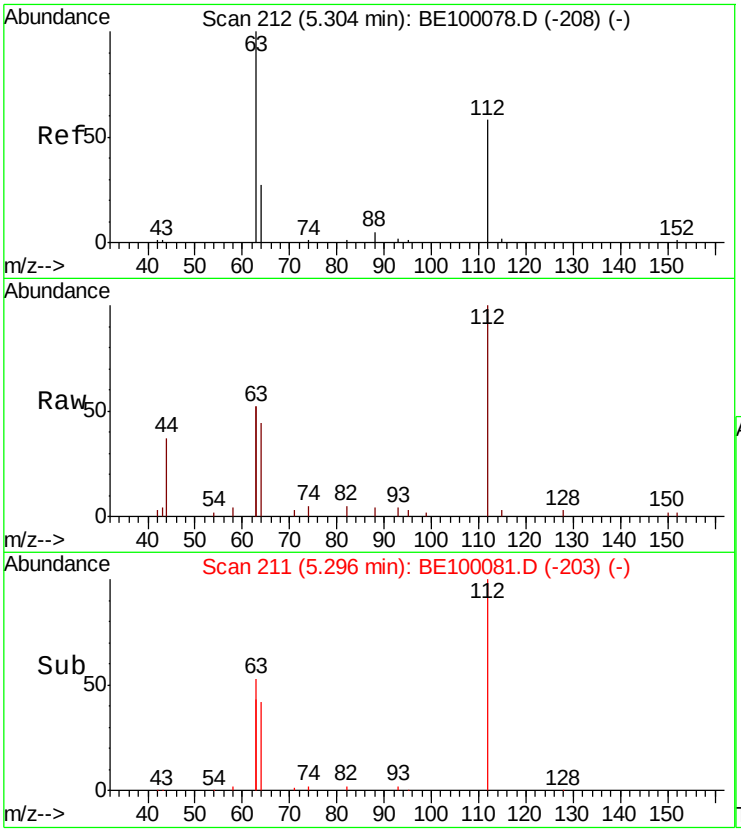


#2
1,4-Dioxane
Concen: 2.660 ng
RT: 3.19 min Scan# 28
Delta R.T. -0.01 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Tgt Ion: 88 Resp: 2915

Ion	Ratio	Lower	Upper
88	100		
58	56.9	51.1	76.7
43	23.5	21.7	32.5



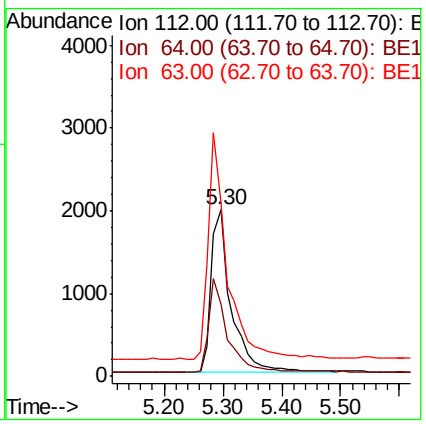


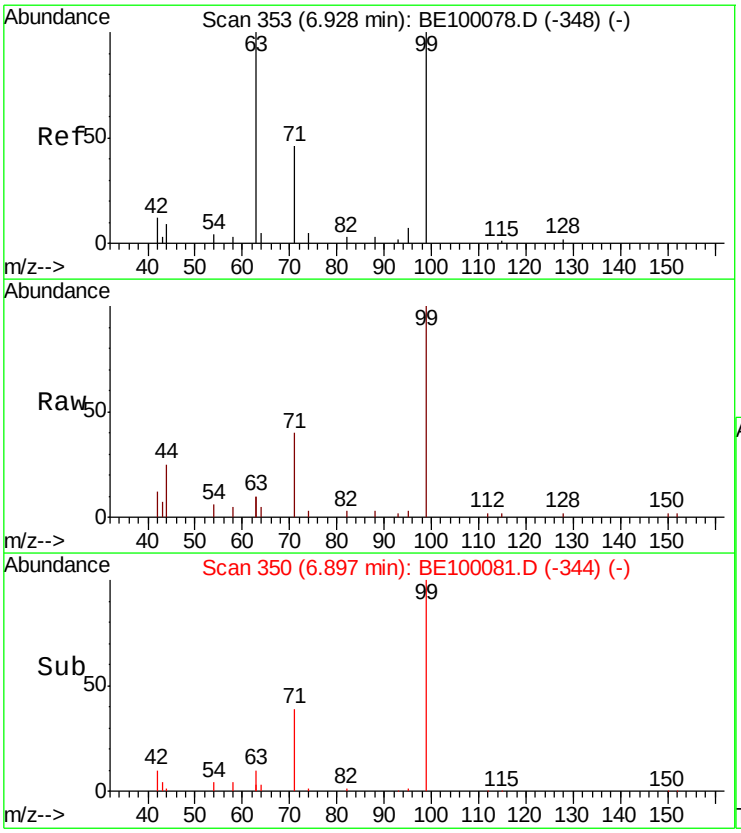
#4
2-Fluorophenol
Concen: 2.775 ng
RT: 5.30 min Scan# 211
Delta R.T. -0.01 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:112 Resp: 4716

Ion	Ratio	Lower	Upper
112	100		
64	53.1	22.0	33.0#
63	129.2	121.8	182.6

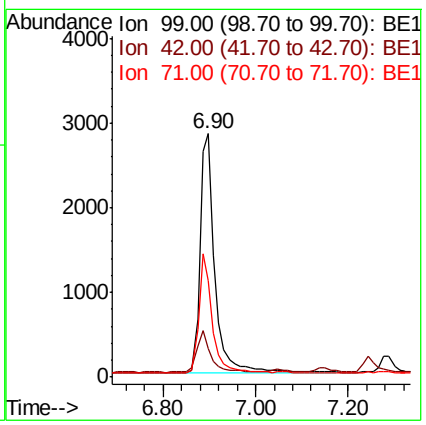


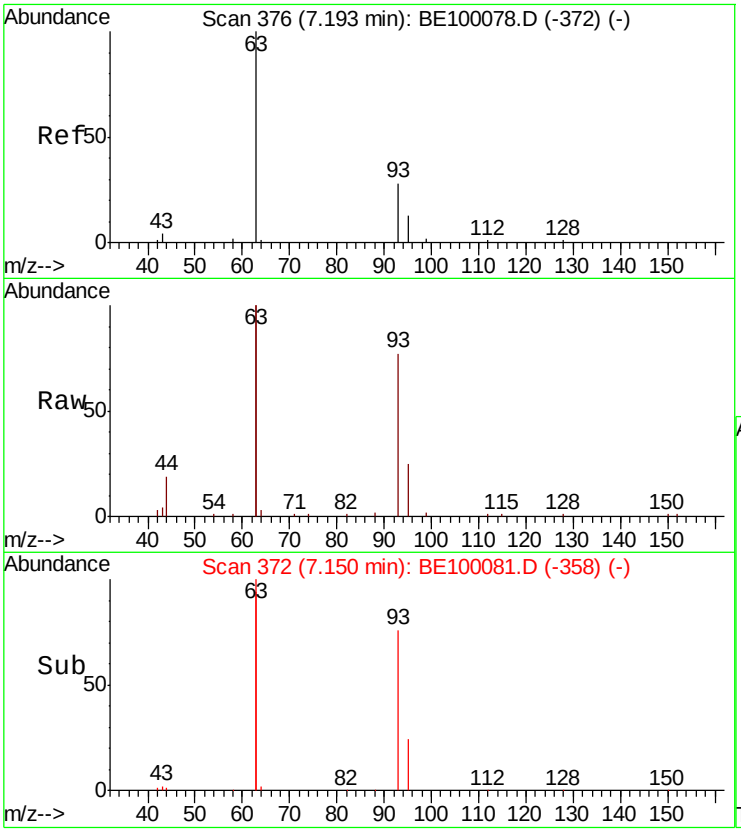


#5
Phenol-d6
Concen: 3.143 ng
RT: 6.90 min Scan# 350
Delta R.T. -0.03 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Tgt Ion: 99 Resp: 6445

Ion	Ratio	Lower	Upper
99	100		
42	15.6	0.0	0.0#
71	44.5	37.6	56.4



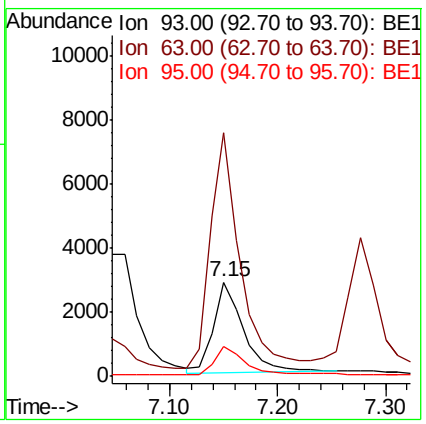


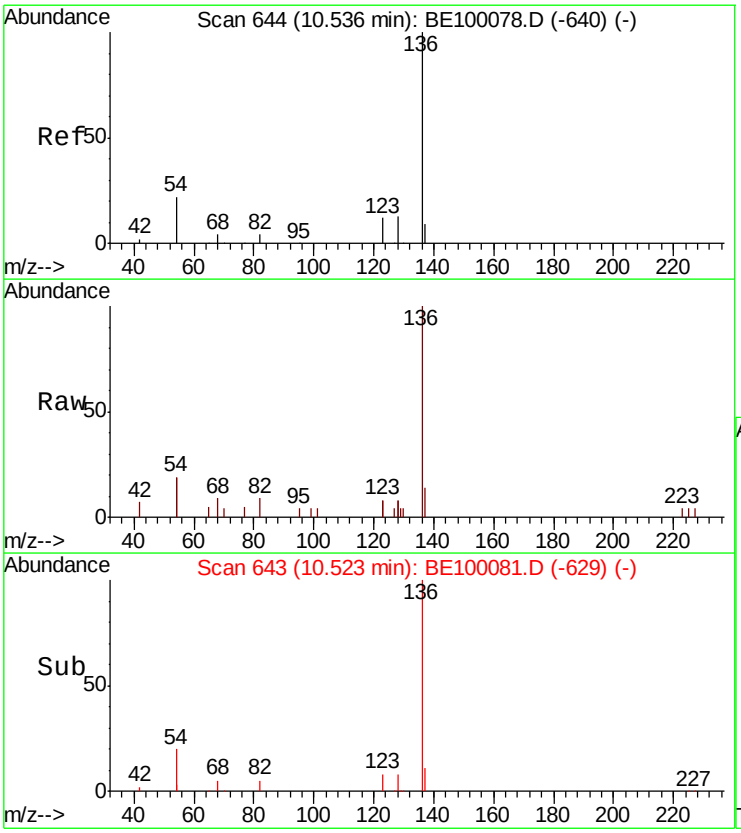
#6
bis(2-Chloroethyl)ether
Concen: 2.854 ng
RT: 7.15 min Scan# 372
Delta R.T. -0.04 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 93 Resp: 5490

Ion	Ratio	Lower	Upper
93	100		
63	252.6	64.8	97.2#
95	33.2	19.5	29.3#

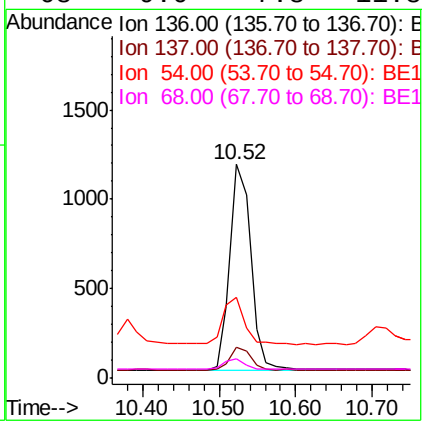


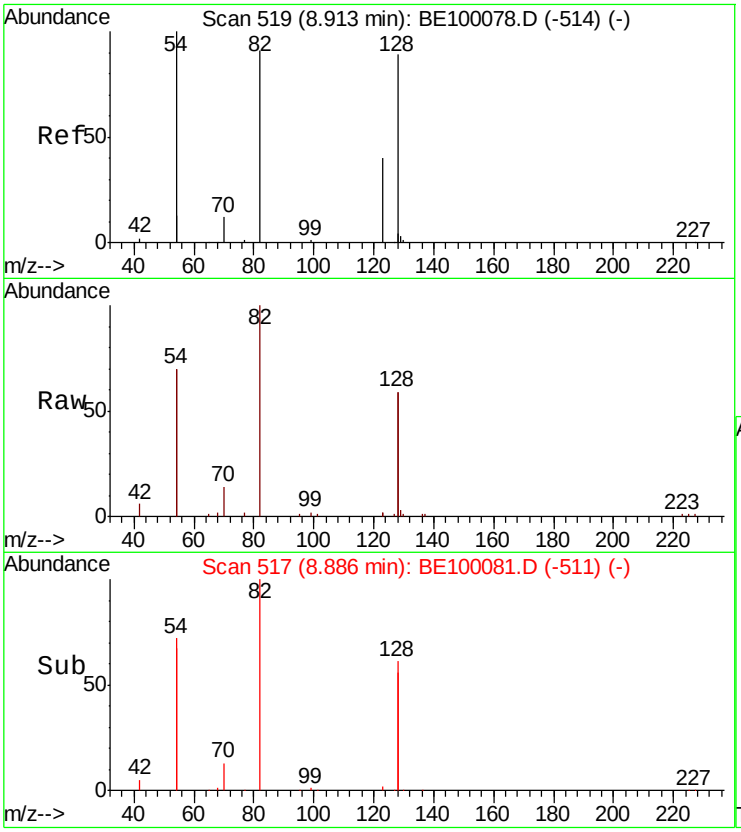


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.52 min Scan# 643
Delta R.T. -0.01 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Tgt Ion:136 Resp: 2200

Ion	Ratio	Lower	Upper
136	100		
137	14.5	11.6	17.4
54	37.7	33.9	50.9
68	9.0	7.8	11.8



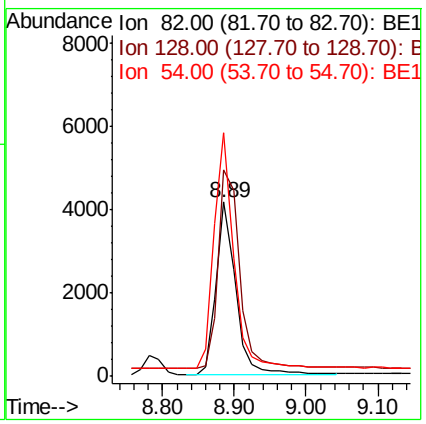


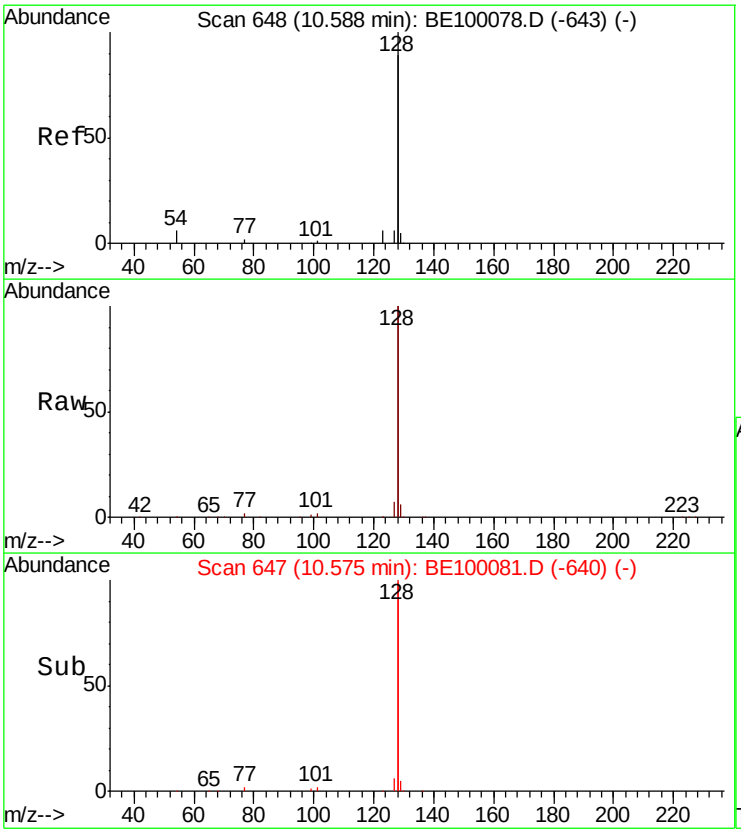
#8
Nitrobenzene-d5
Concen: 3.591 ng
RT: 8.89 min Scan# 517
Delta R.T. -0.03 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 82 Resp: 7824

Ion	Ratio	Lower	Upper
82	100		
128	118.6	128.0	192.0#
54	139.8	143.4	215.0#

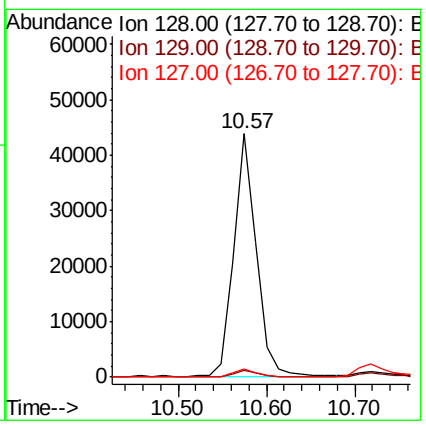


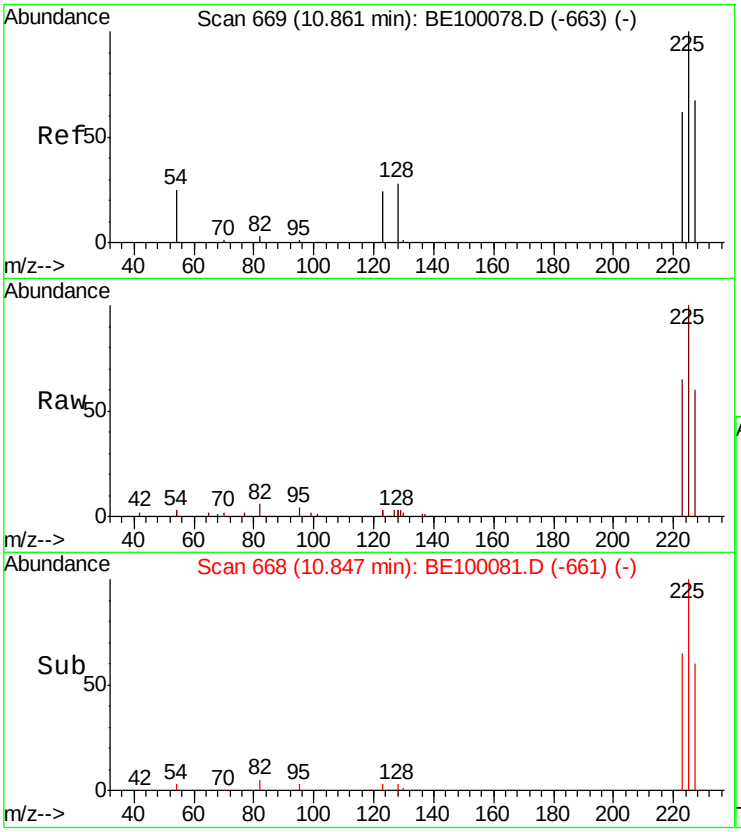


#9
Naphthalene
Concen: 3.143 ng
RT: 10.57 min Scan# 647
Delta R.T. -0.01 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Tgt Ion:128 Resp: 76454

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



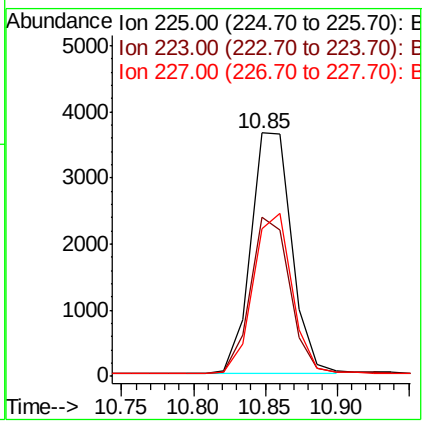


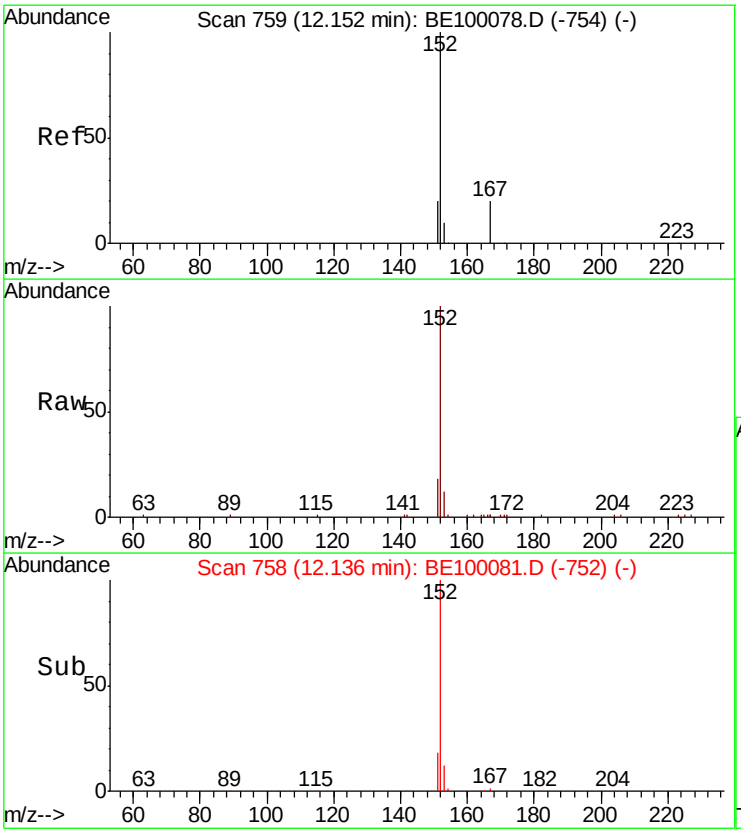
#10
Hexachlorobutadiene
Concen: 3.450 ng
RT: 10.85 min Scan# 668
Delta R.T. -0.01 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:225 Resp: 7203

Ion	Ratio	Lower	Upper
225	100		
223	62.6	52.2	78.4
227	63.3	53.0	79.6

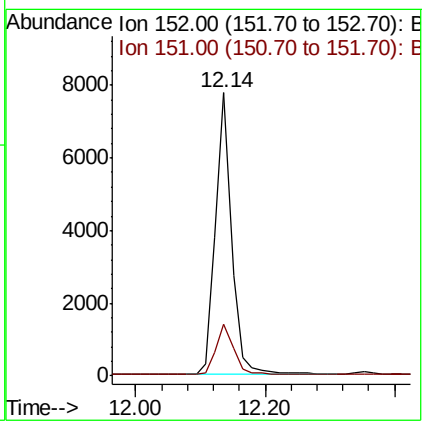


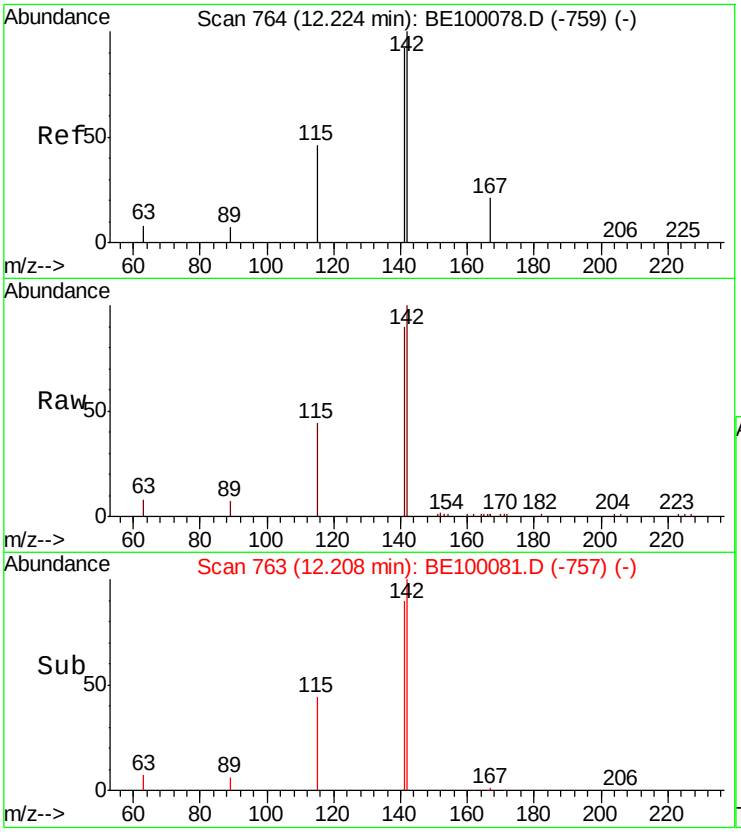


#11
2-Methylnaphthalene-d10
Concen: 3.382 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.02 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Tgt Ion:152 Resp: 13441

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.3	24.5



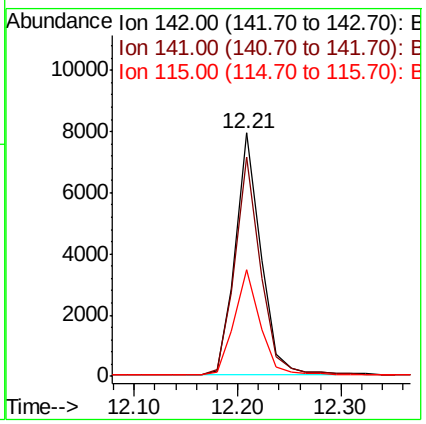


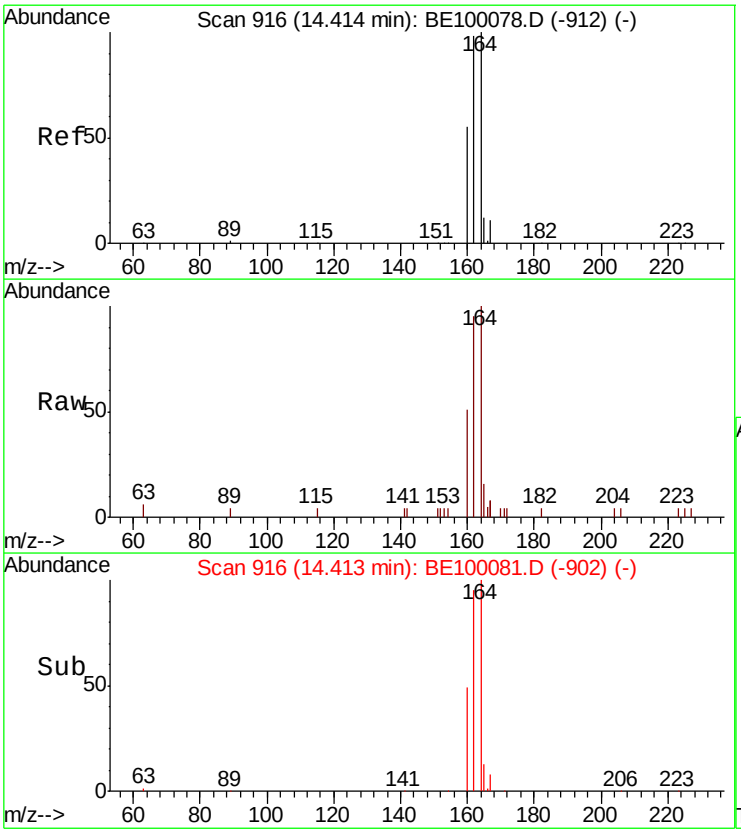
#12
2-Methylnaphthalene
Concen: 3.551 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.02 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:142 Resp: 13542

Ion	Ratio	Lower	Upper
142	100		
141	90.3	74.1	111.1
115	43.9	40.9	61.3

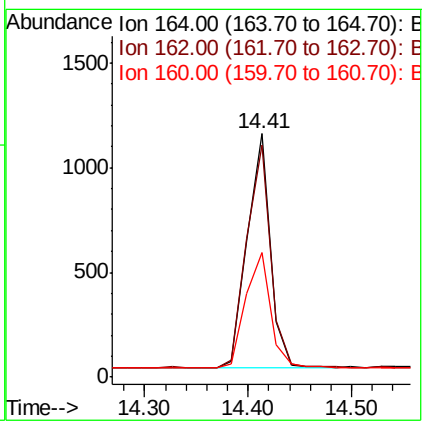


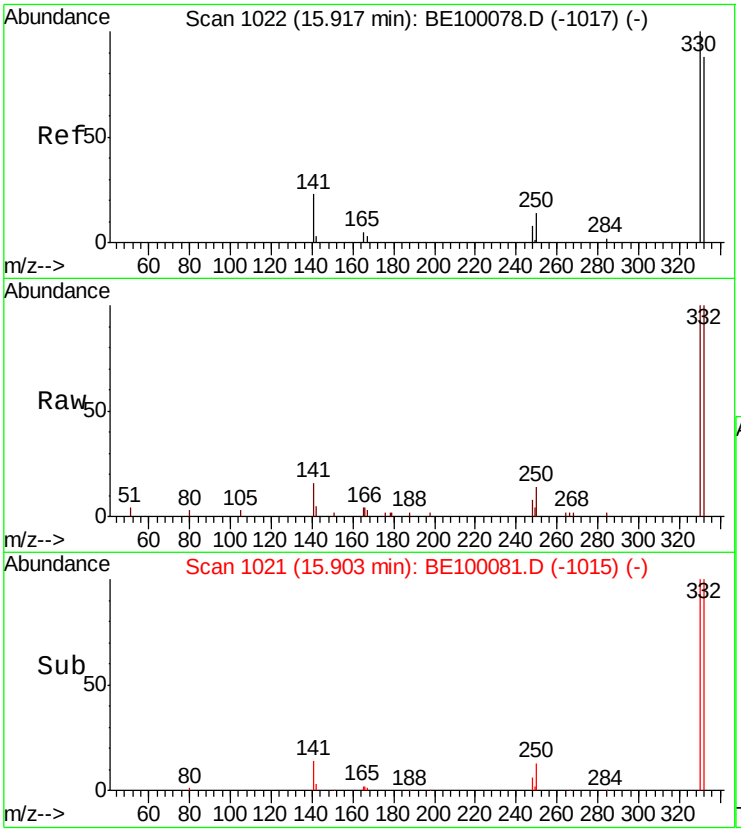


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.00 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Tgt Ion:164 Resp: 1727

Ion	Ratio	Lower	Upper
164	100		
162	95.2	78.2	117.2
160	50.9	45.6	68.4



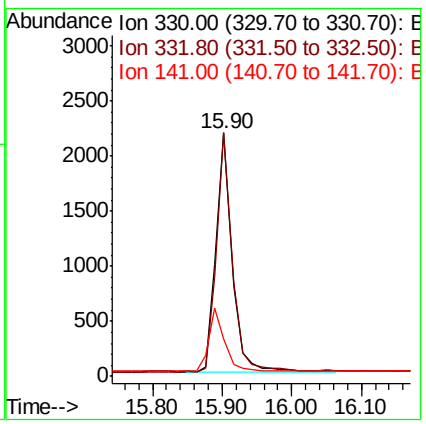


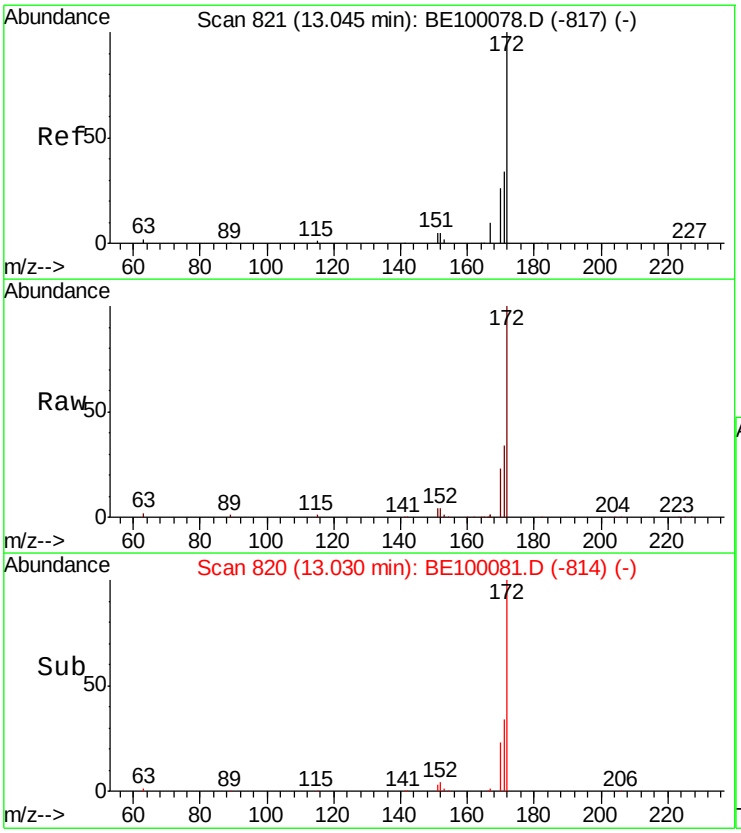
#14
2,4,6-Tribromophenol
Concen: 3.304 ng
RT: 15.90 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:330 Resp: 3492

Ion	Ratio	Lower	Upper
330	100		
332	98.5	73.3	109.9
141	26.3	22.2	33.2

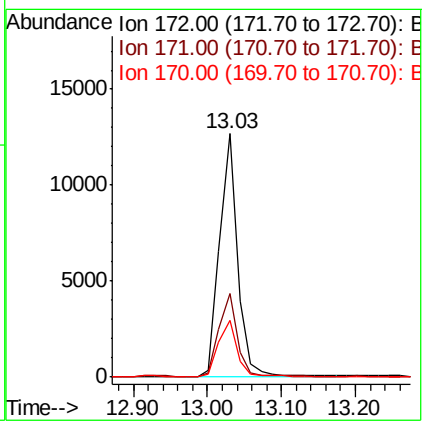


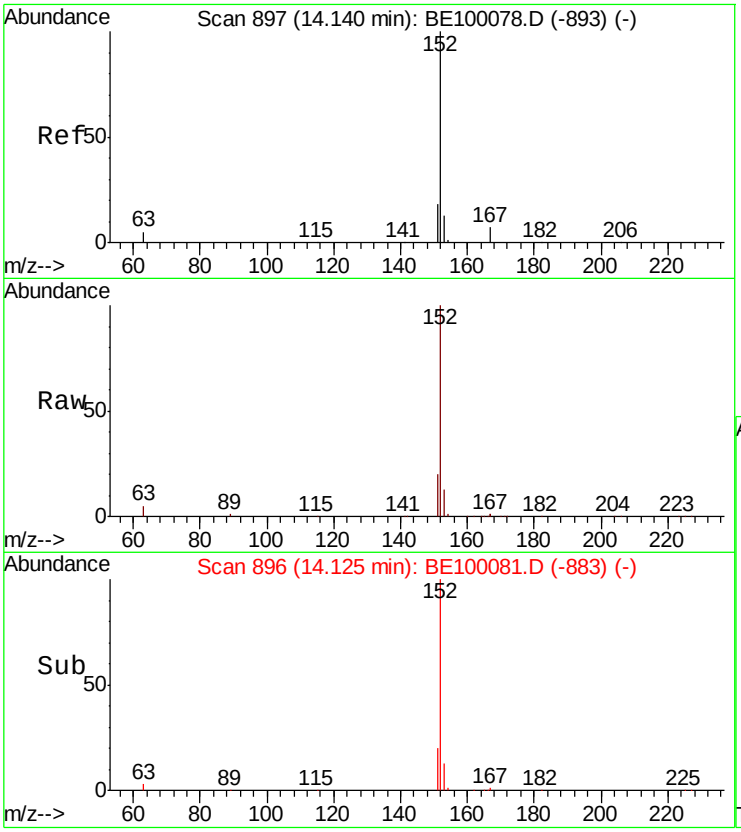


#15
2-Fluorobiphenyl
Concen: 3.174 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.02 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Tgt Ion:172 Resp: 21257

Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.8	44.8
170	23.4	23.2	34.8



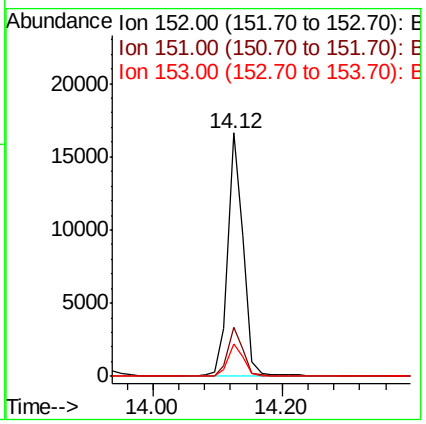


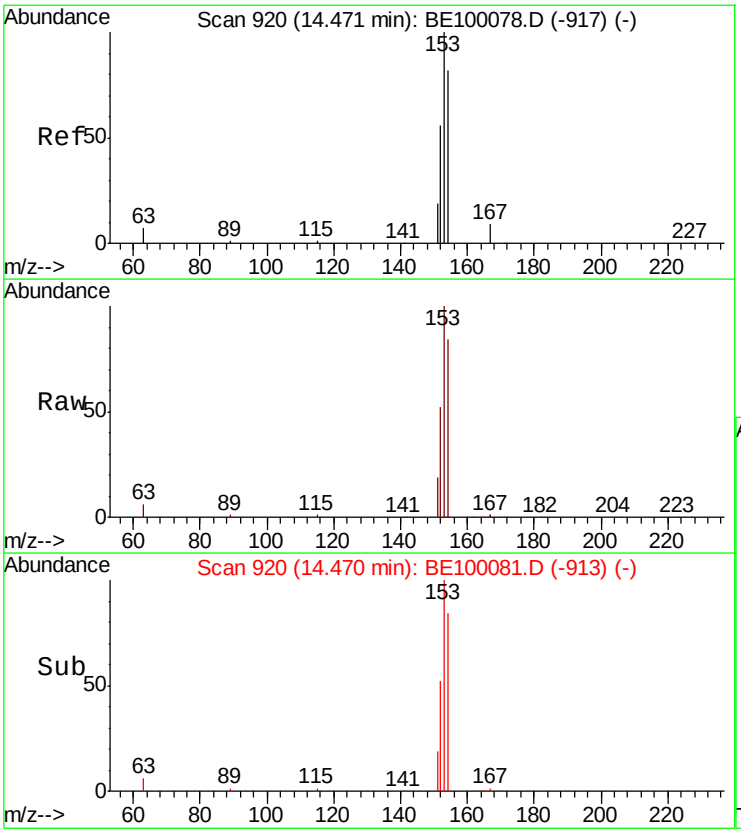
#16
Acenaphthylene
Concen: 3.100 ng
RT: 14.12 min Scan# 896
Delta R.T. -0.02 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 26813

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.9	23.9
153	12.9	10.1	15.1

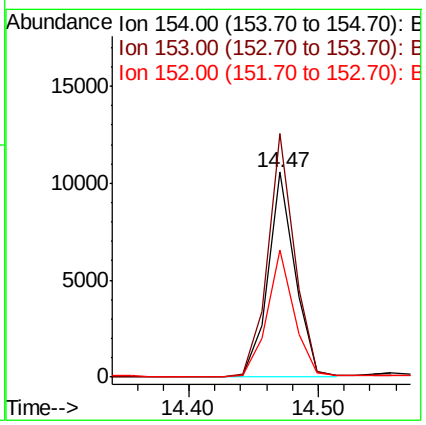


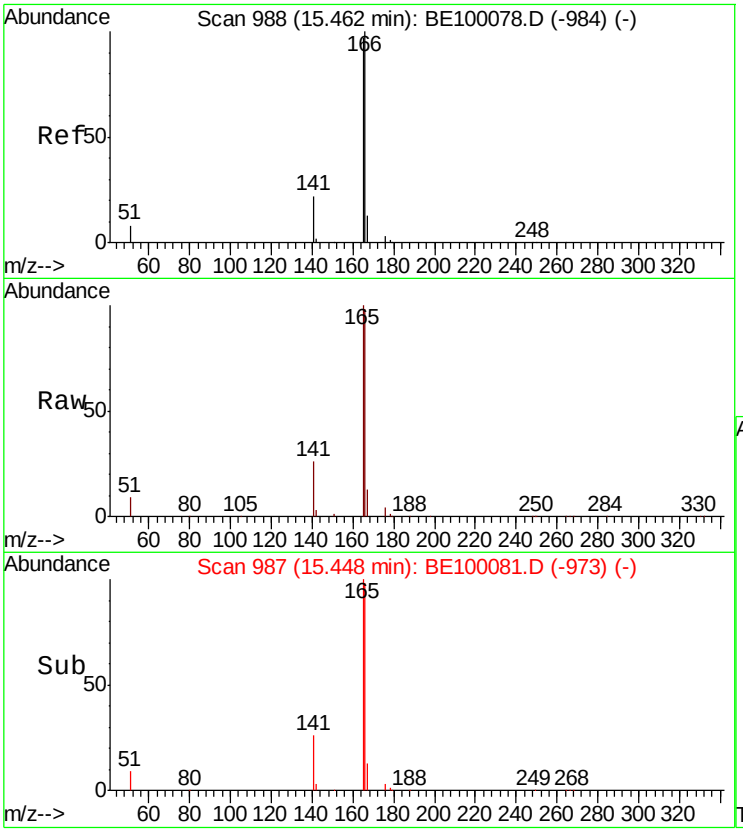


#17
Acenaphthene
Concen: 3.234 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Tgt Ion:154 Resp: 15135

Ion	Ratio	Lower	Upper
154	100		
153	118.1	95.5	143.3
152	62.1	54.9	82.3



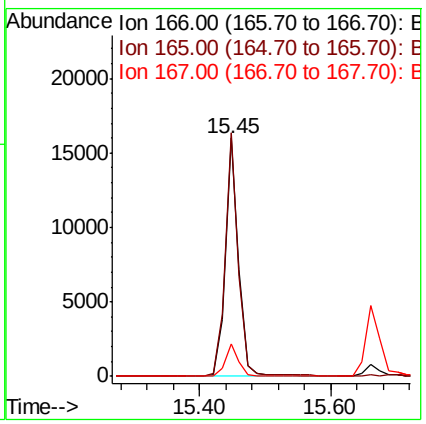


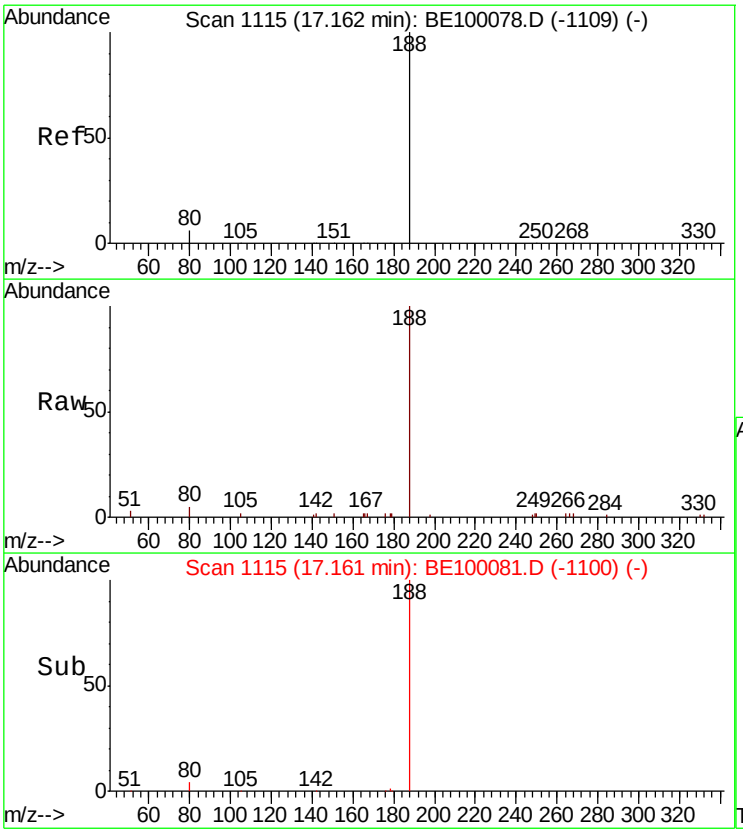
#18
Fluorene
Concen: 3.245 ng
RT: 15.45 min Scan# 987
Delta R.T. -0.01 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:166 Resp: 22615

Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.8	119.8
167	13.2	10.2	15.4

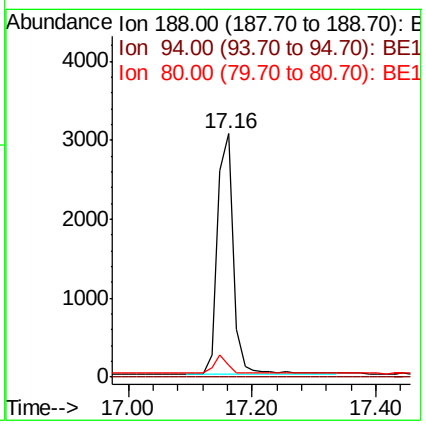


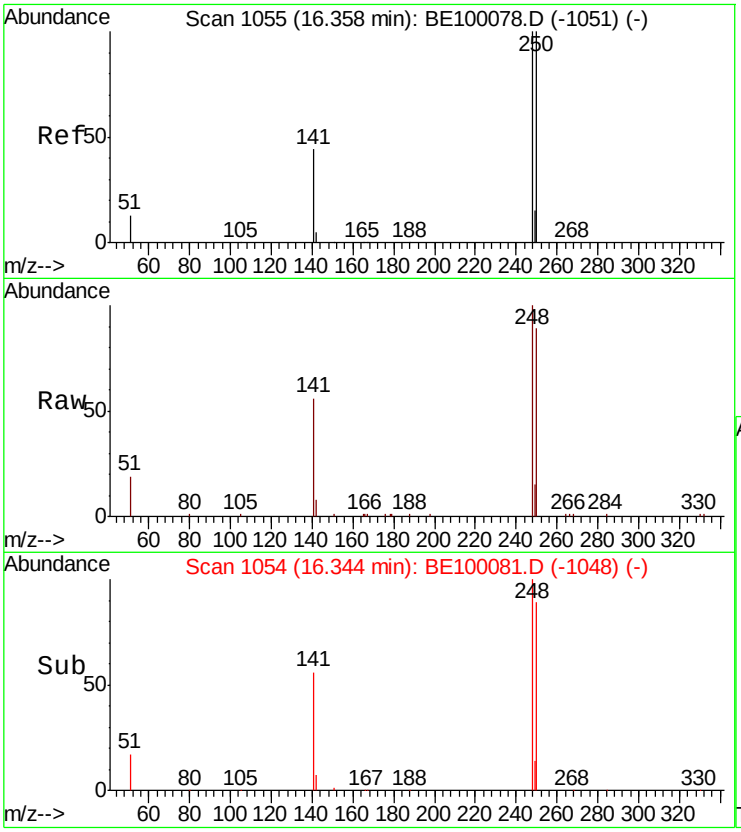


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.16 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Tgt Ion:188 Resp: 5339

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.0	6.3	9.5#



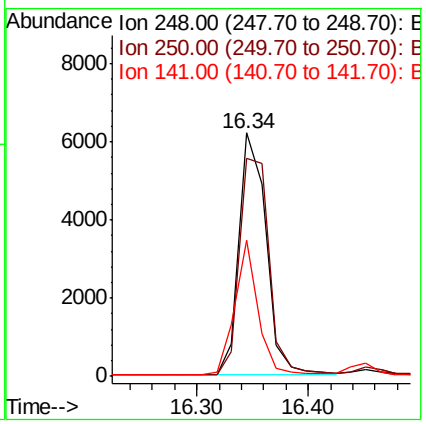


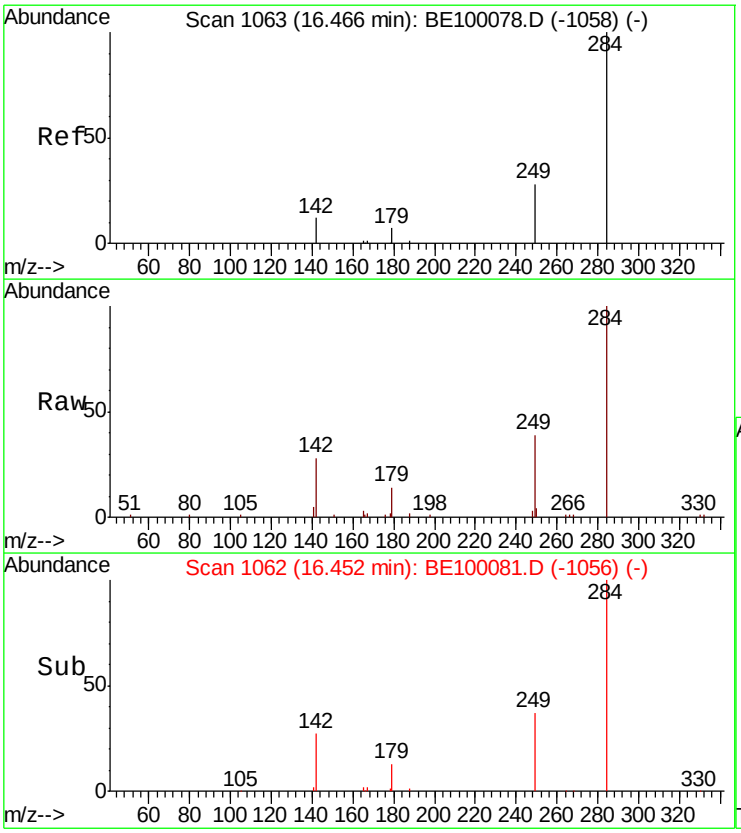
#20
4-Bromophenyl-phenylether
Concen: 3.239 ng
RT: 16.34 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:248 Resp: 10405

Ion	Ratio	Lower	Upper
248	100		
250	89.5	80.6	120.8
141	56.0	38.8	58.2

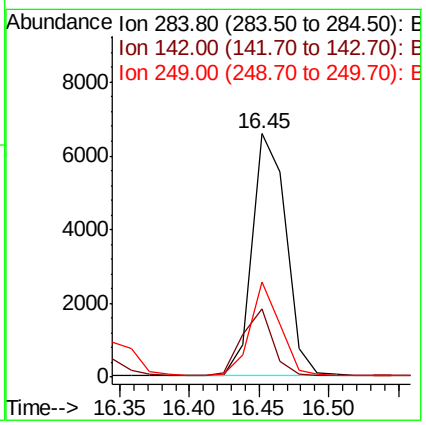


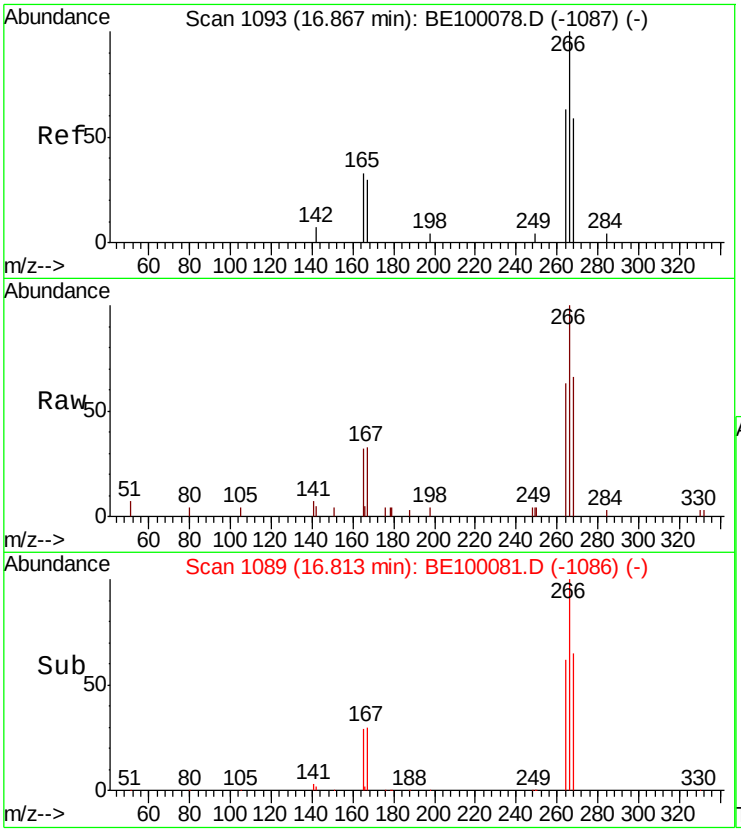


#21
Hexachlorobenzene
Concen: 3.353 ng
RT: 16.45 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Tgt Ion:284 Resp: 11046

Ion	Ratio	Lower	Upper
284	100		
142	24.6	20.7	31.1
249	33.5	26.6	39.8



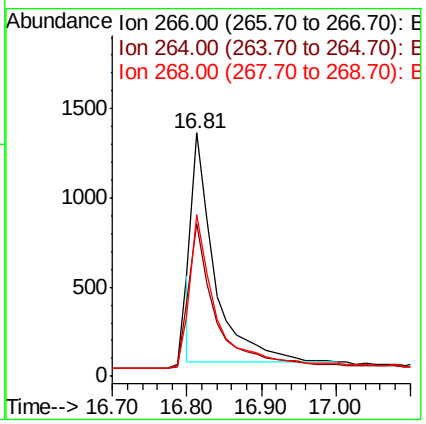


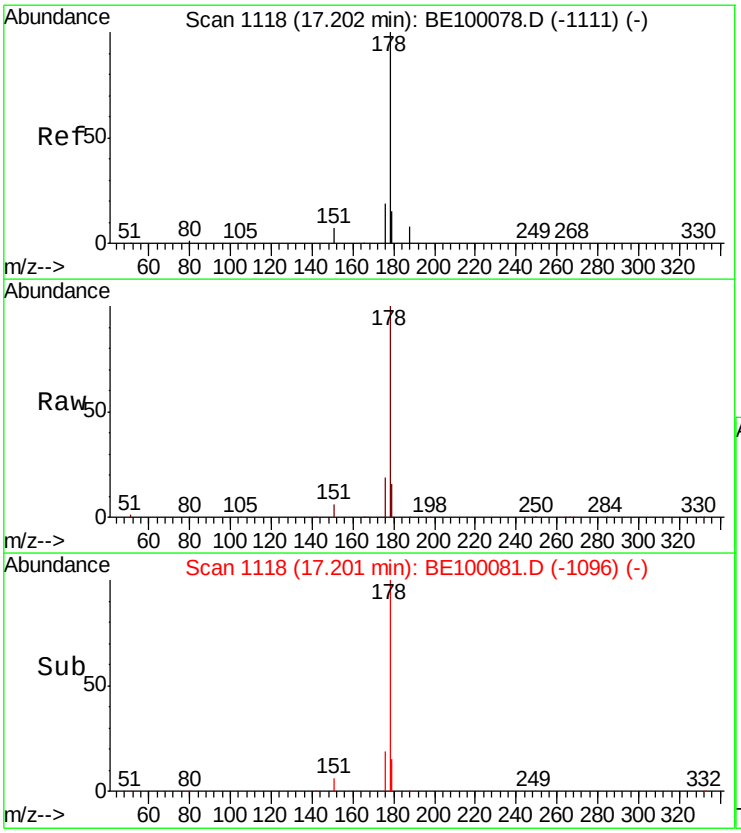
#22
Pentachlorophenol
Concen: 2.525 ng
RT: 16.81 min Scan# 1089
Delta R.T. -0.05 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:266 Resp: 2602

Ion	Ratio	Lower	Upper
266	100		
264	62.8	67.8	101.6#
268	66.4	70.0	105.0#

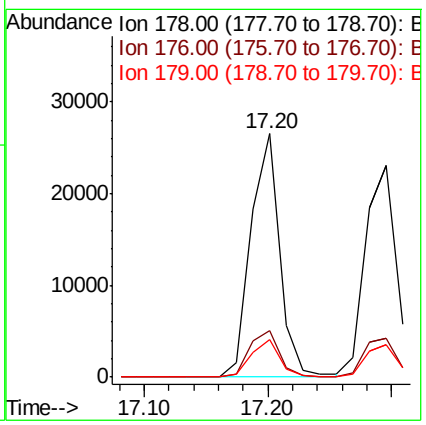


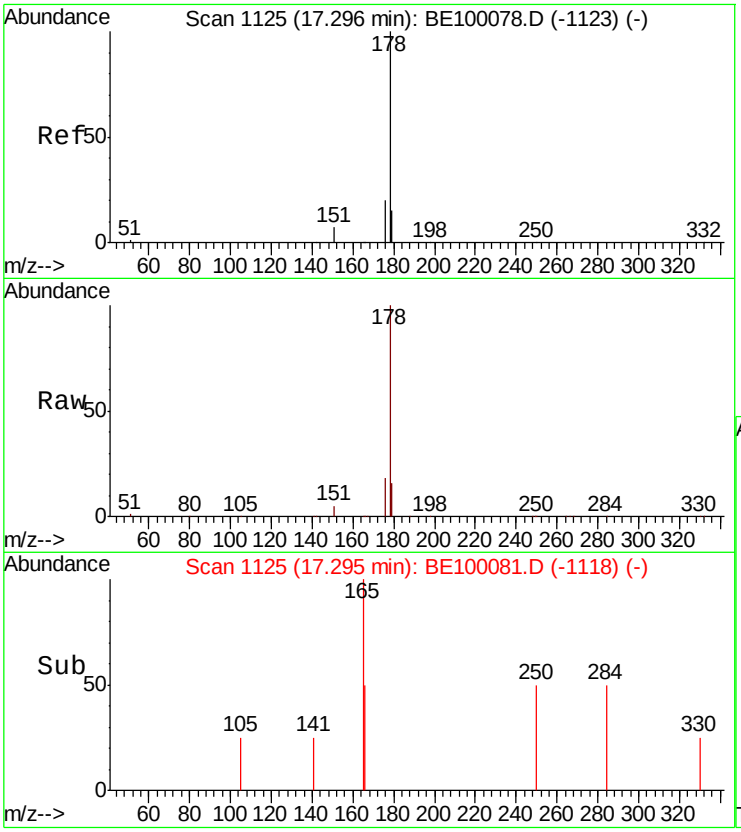


#23
Phenanthrene
Concen: 3.268 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Tgt Ion:178 Resp: 42528

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



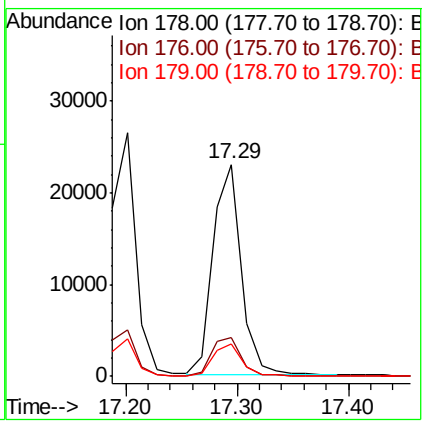


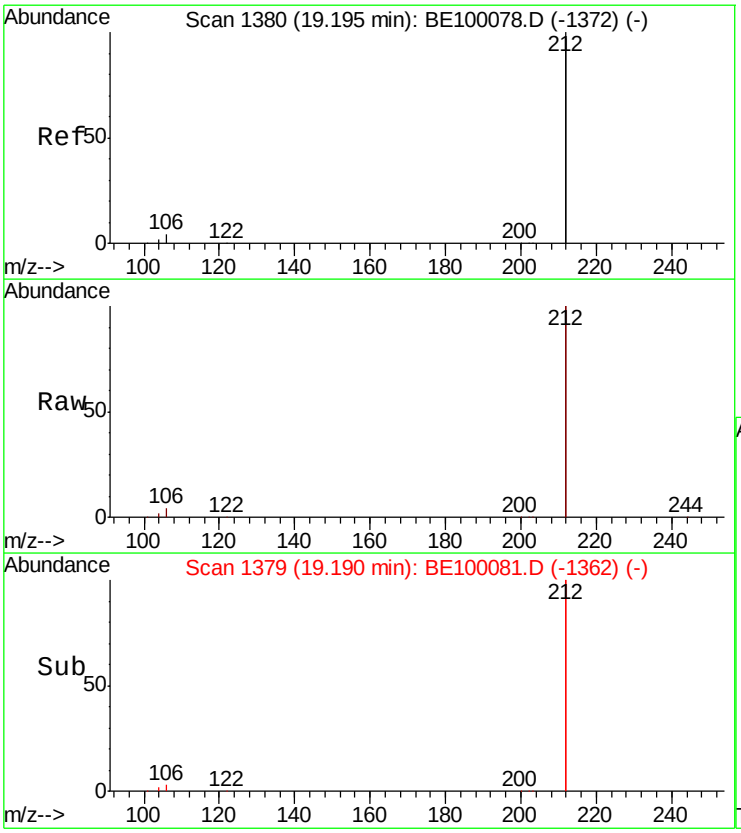
#24
Anthracene
Concen: 3.550 ng
RT: 17.29 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 40603

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.6
179	15.2	12.0	18.0

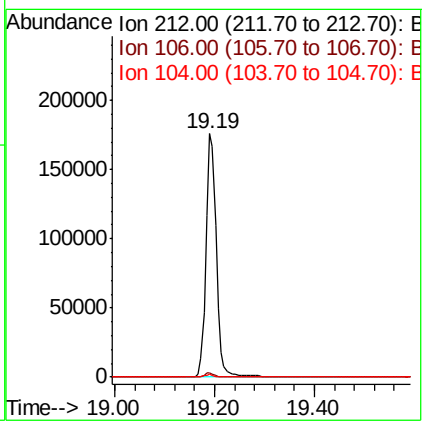


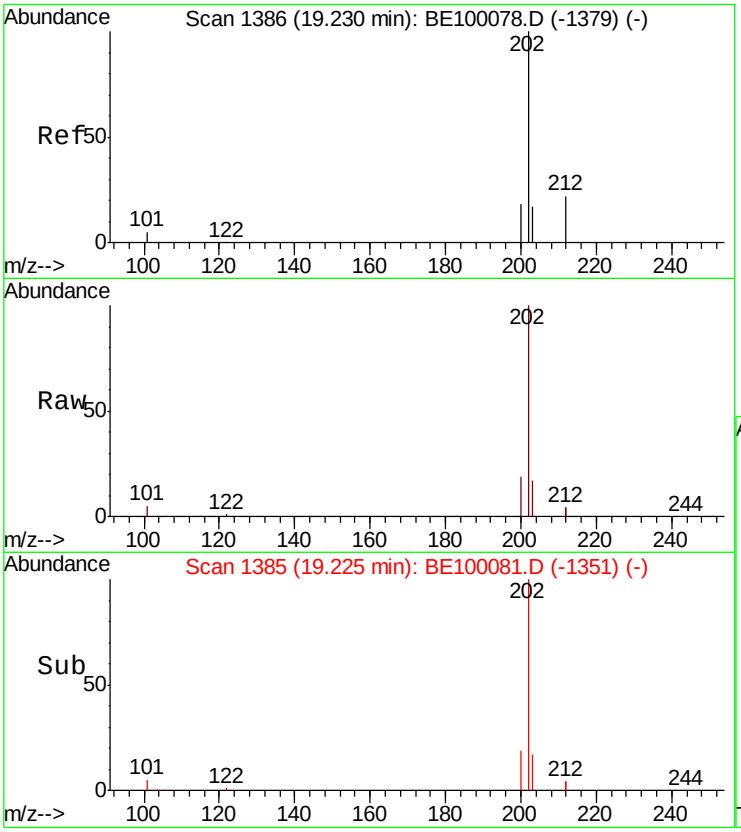


#25
Fluoranthene-d10
Concen: 3.351 ng
RT: 19.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Tgt Ion:212 Resp: 251660

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



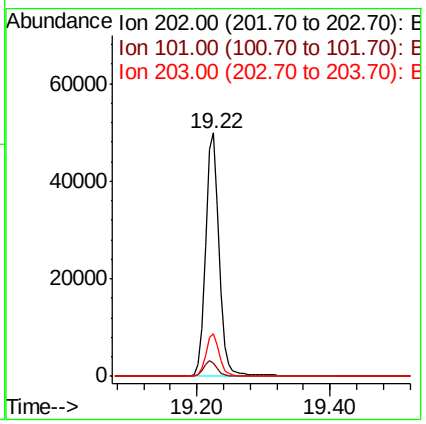


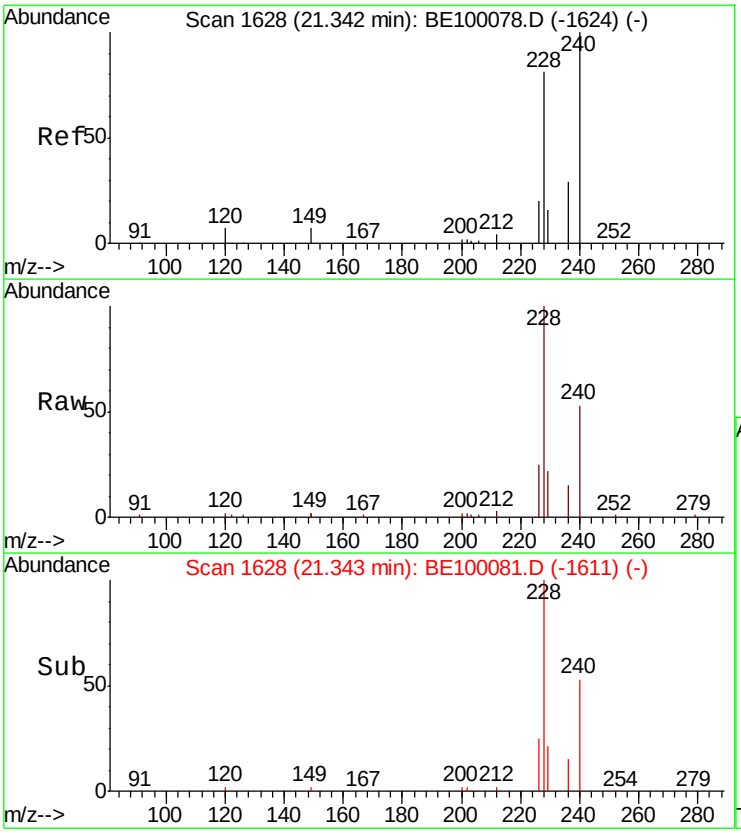
#26
Fluoranthene
Concen: 3.234 ng
RT: 19.22 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:202 Resp: 69218

Ion	Ratio	Lower	Upper
202	100		
101	6.3	5.0	7.4
203	17.3	13.7	20.5

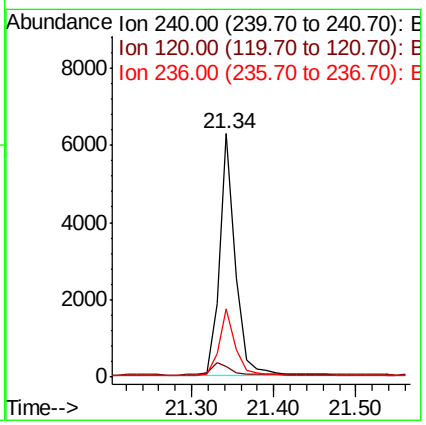


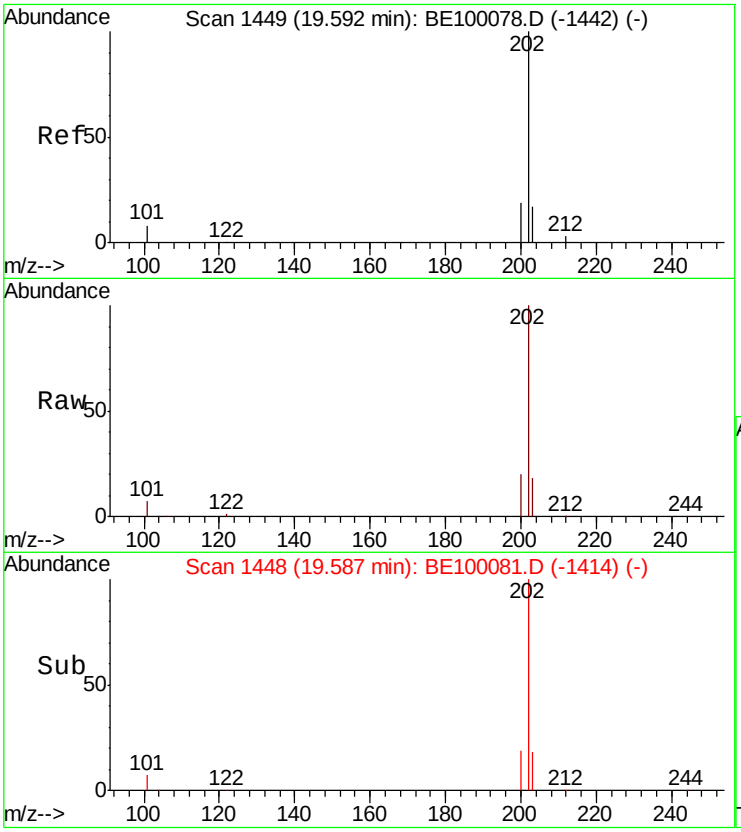


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Tgt Ion:240 Resp: 8404

Ion	Ratio	Lower	Upper
240	100		
120	4.5	6.6	10.0#
236	28.2	23.8	35.6



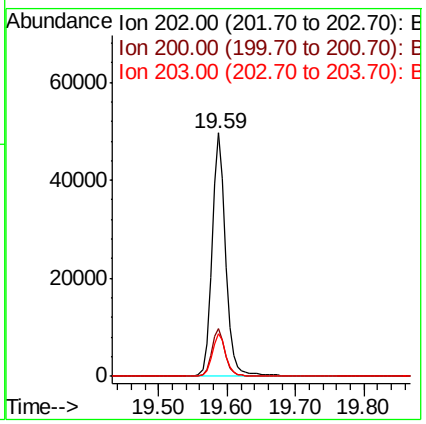


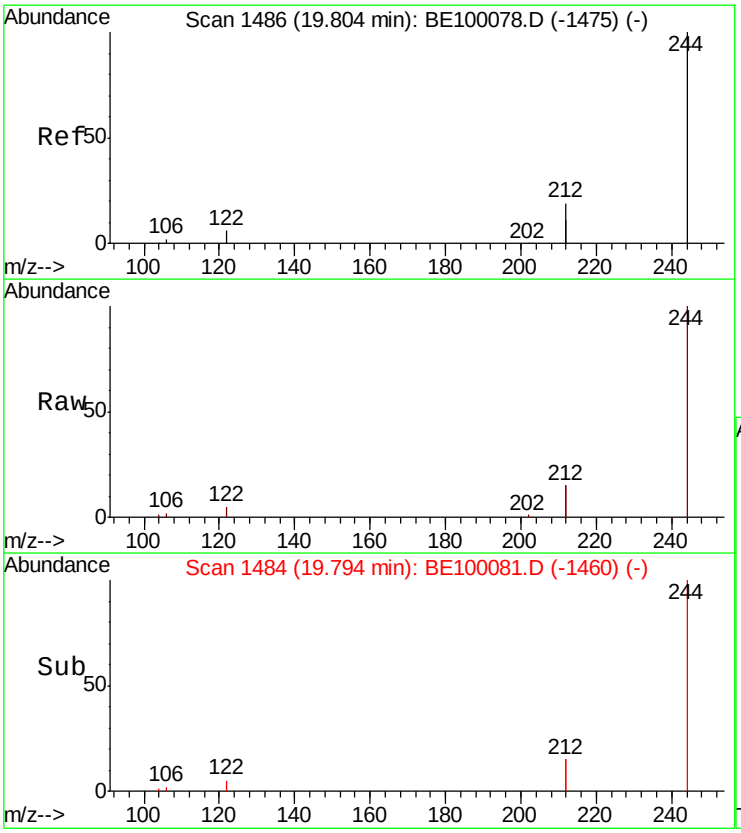
#28
Pyrene
Concen: 3.322 ng
RT: 19.59 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:202 Resp: 69464

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.6	23.4
203	17.5	13.9	20.9

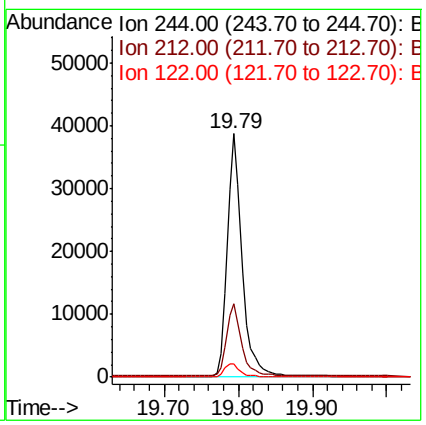


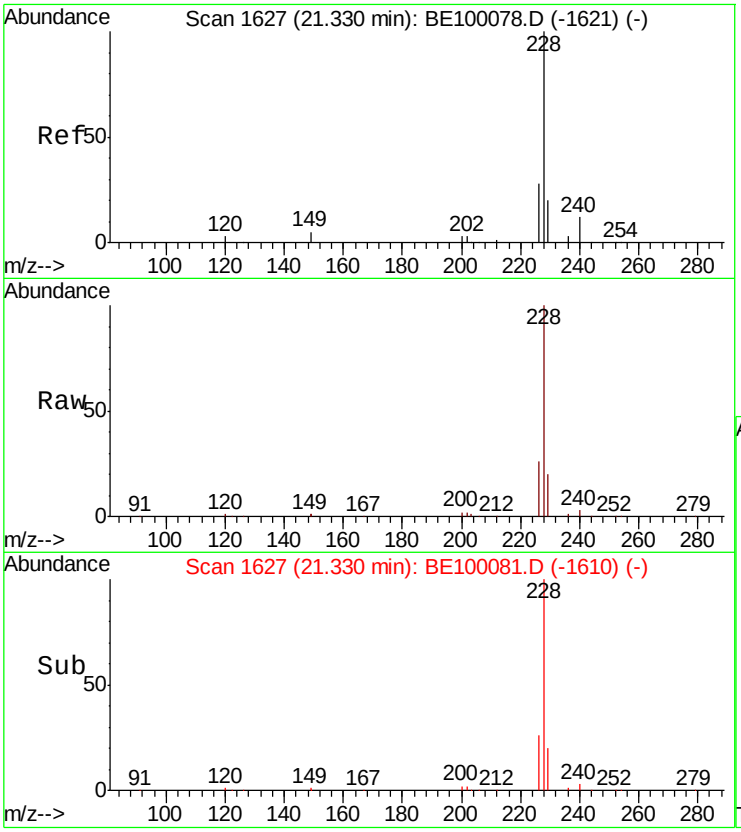


#29
Terphenyl-d14
Concen: 3.818 ng
RT: 19.79 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Tgt Ion:244 Resp: 54051

Ion	Ratio	Lower	Upper
244	100		
212	30.1	29.8	44.8
122	5.4	6.1	9.1#



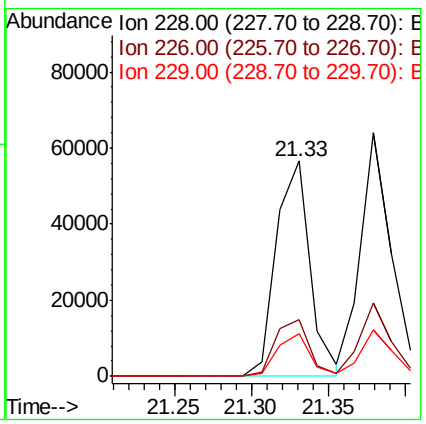


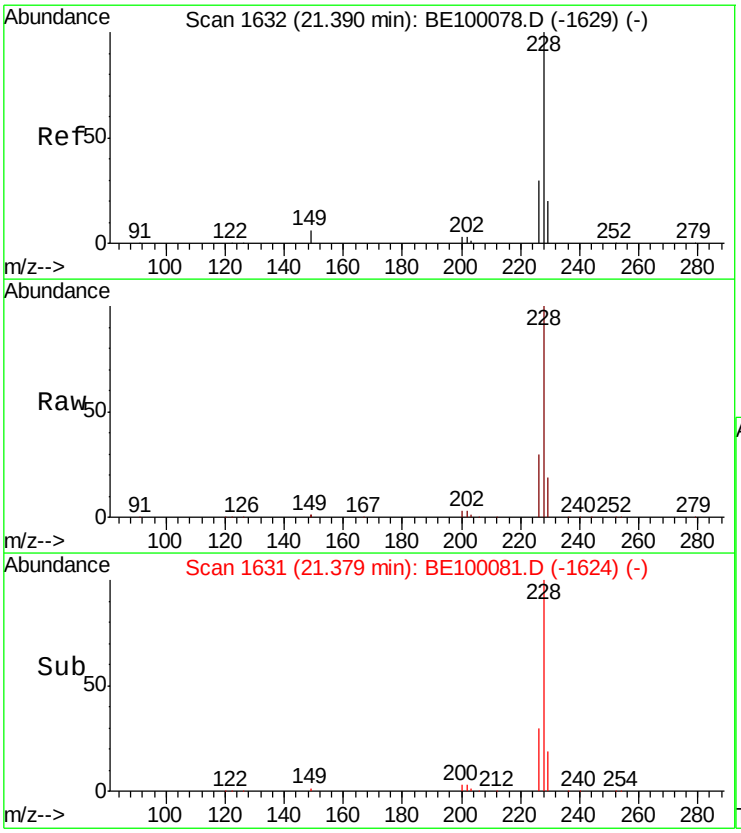
#30
Benzo(a)anthracene
Concen: 3.576 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 86531

Ion	Ratio	Lower	Upper
228	100		
226	26.1	23.0	34.4
229	20.1	16.4	24.6

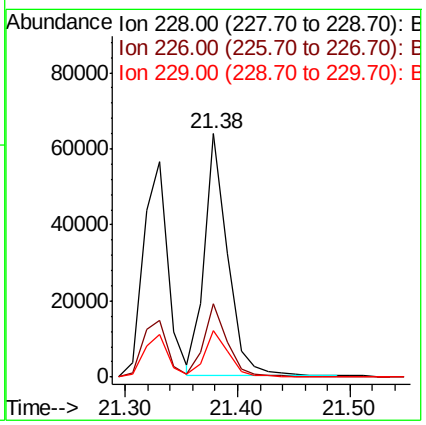


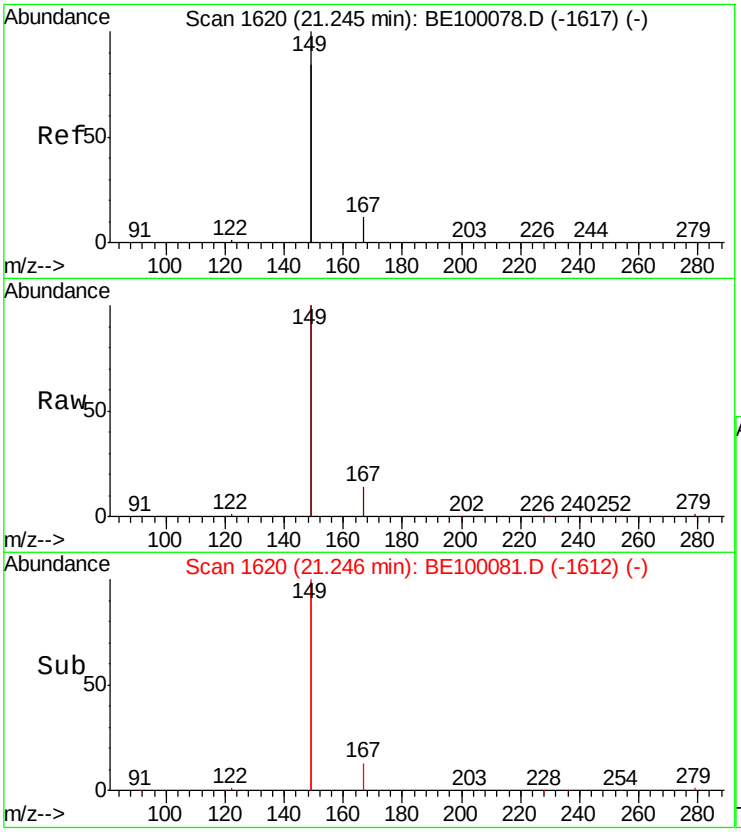


#31
Chrysene
Concen: 3.344 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Tgt Ion:228 Resp: 91229

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.8
229	19.3	16.3	24.5



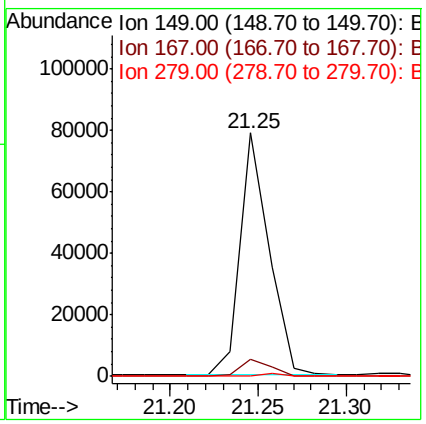


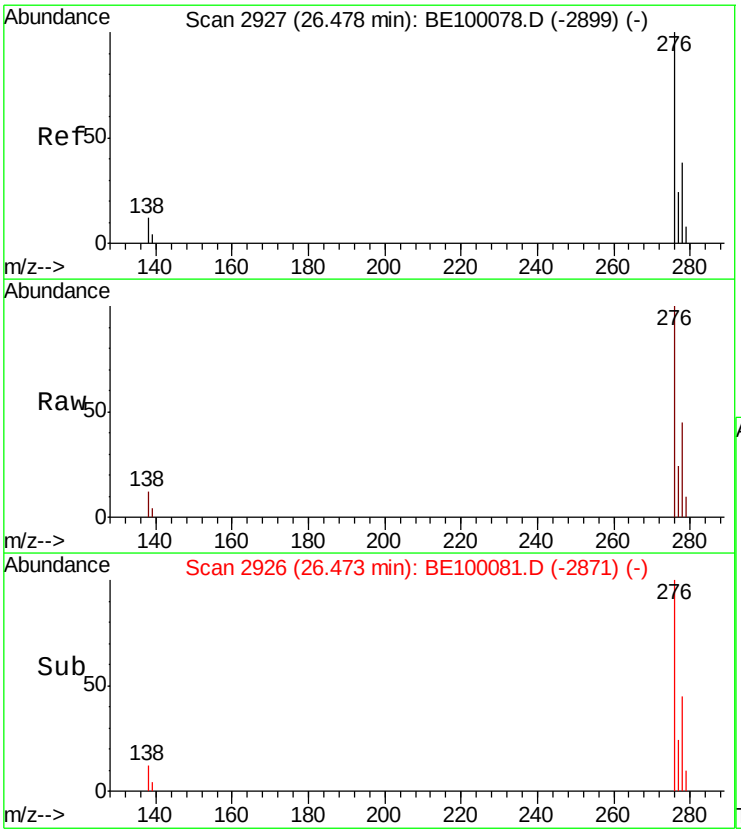
#32
Bis(2-ethylhexyl)phthalate
Concen: 2.683 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:149 Resp: 90410

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.8	8.6
279	1.3	1.1	1.7

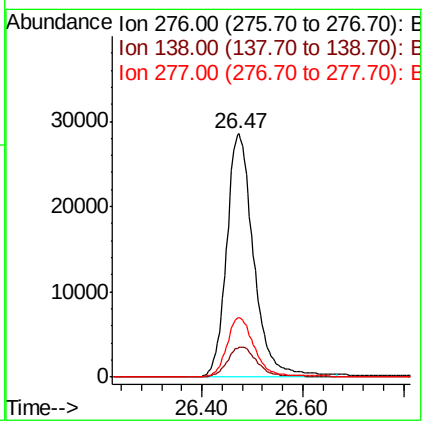


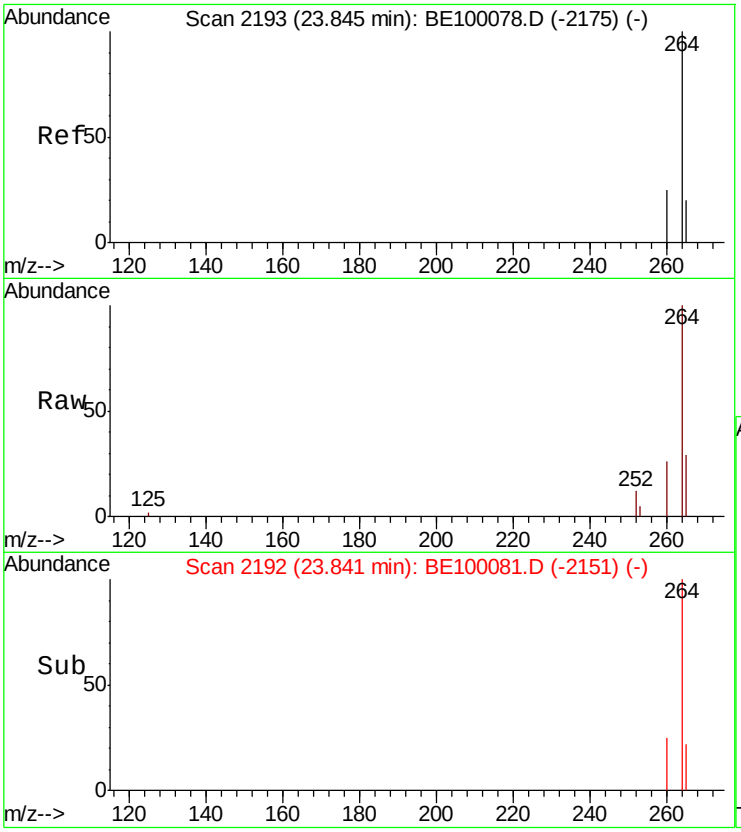


#33
Indeno(1,2,3-cd)pyrene
Concen: 3.297 ng
RT: 26.47 min Scan# 2926
Delta R.T. -0.00 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Tgt Ion:276 Resp: 106299

Ion	Ratio	Lower	Upper
276	100		
138	13.4	4.3	6.5#
277	24.5	19.4	29.0



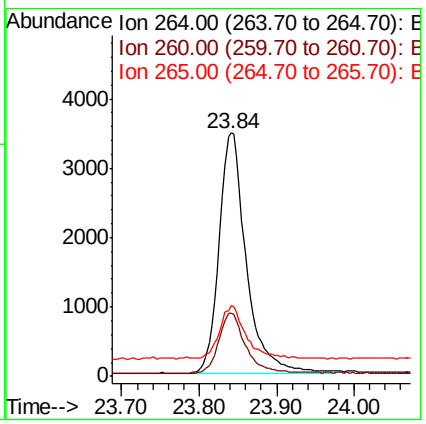


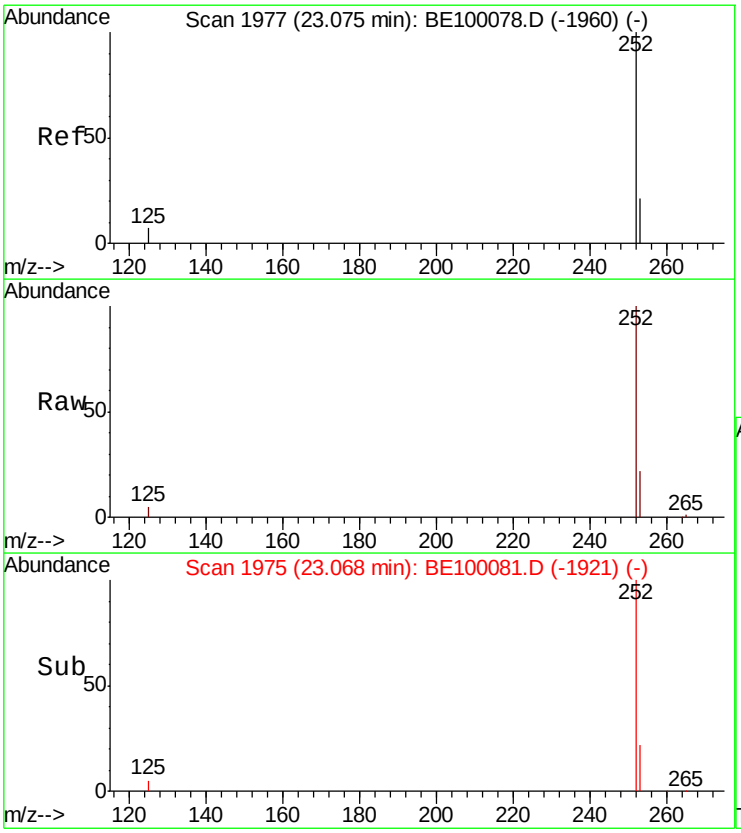
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:264 Resp: 8417

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.8	31.2
265	28.8	23.2	34.8

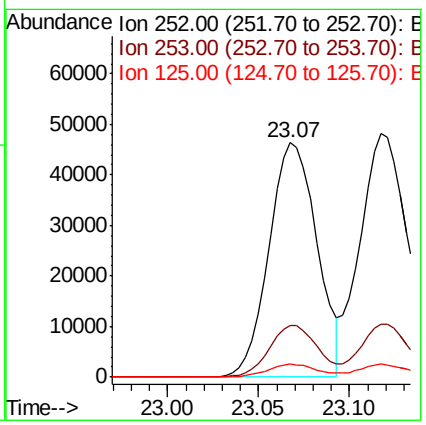


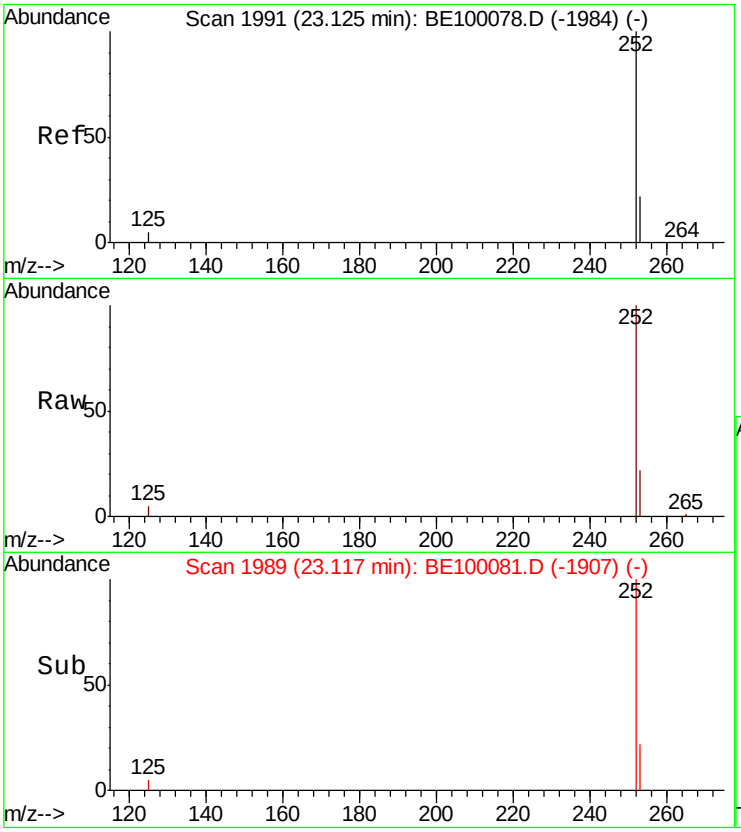


#35
Benzo(b)fluoranthene
Concen: 3.479 ng
RT: 23.07 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Tgt Ion:252 Resp: 84379

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	5.4	6.4	9.6#



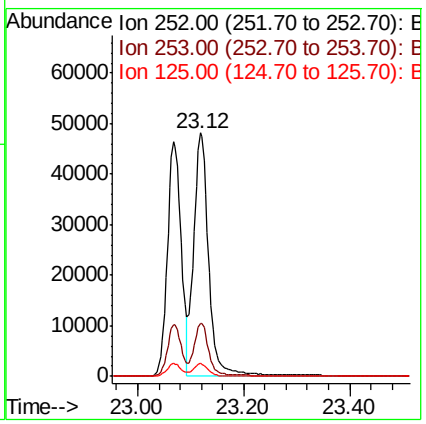


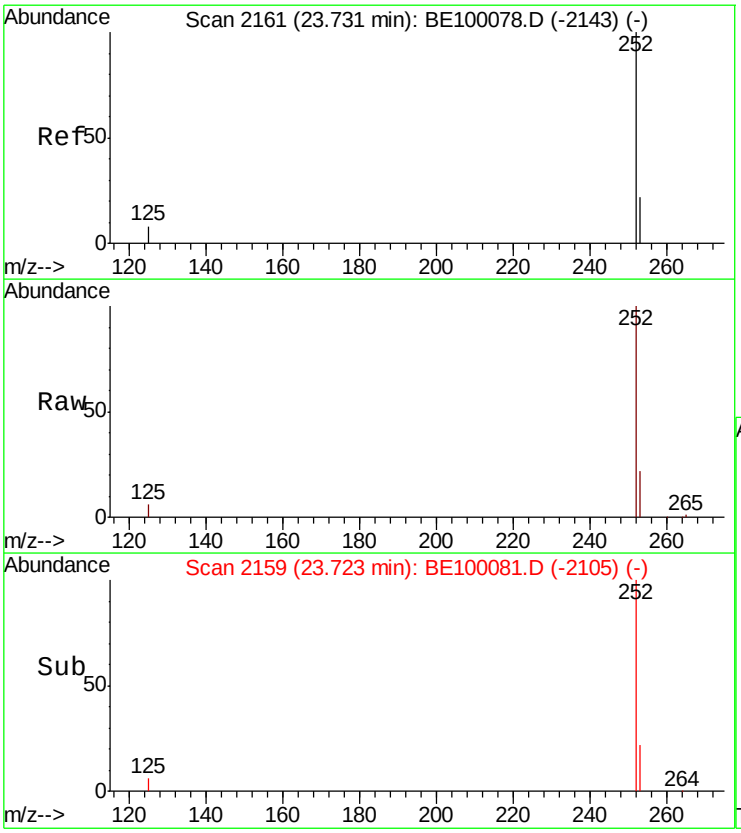
#36
Benzo(k)fluoranthene
Concen: 3.592 ng
RT: 23.12 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 94419

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

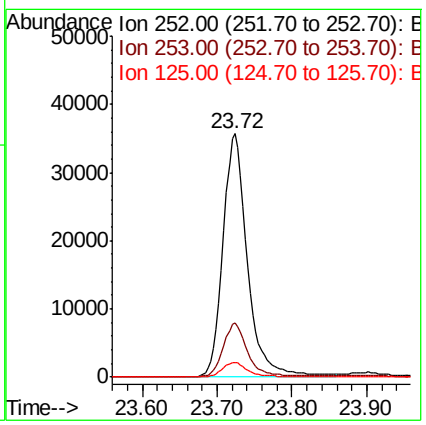


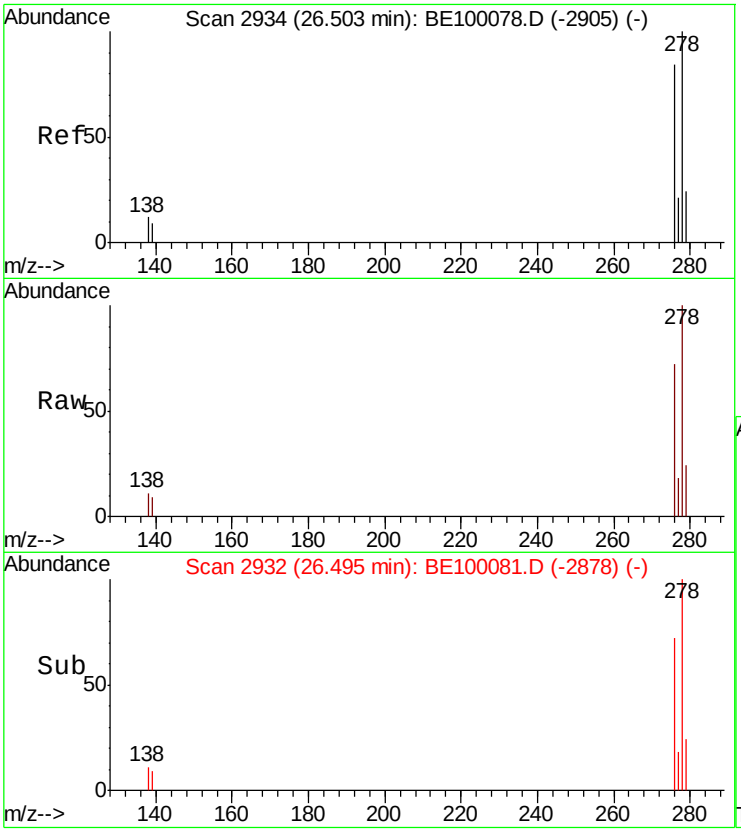


#37
Benzo(a)pyrene
Concen: 3.329 ng
RT: 23.72 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Tgt Ion:252 Resp: 80166

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.4	29.2
125	5.9	8.0	12.0#



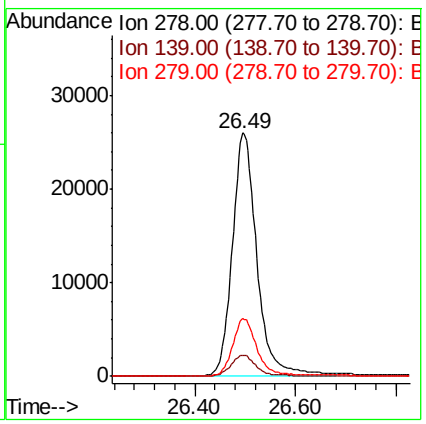


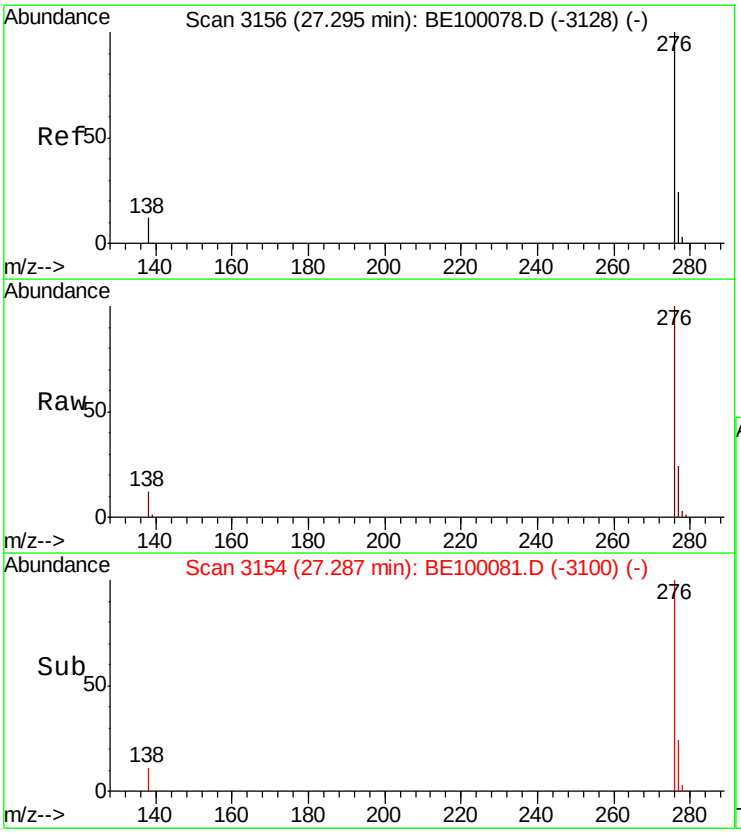
#38
Dibenzo(a,h)anthracene
Concen: 3.747 ng
RT: 26.49 min Scan# 2932
Delta R.T. -0.01 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:278 Resp: 87958

Ion	Ratio	Lower	Upper
278	100		
139	8.8	9.0	13.6#
279	24.0	21.4	32.0





#39
Benzo(g,h,i)perylene
Concen: 3.489 ng
RT: 27.29 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BE100081.D
Acq: 19 Jun 2019 12:31

Tgt Ion:276 Resp: 86662

Ion	Ratio	Lower	Upper
276	100		
277	23.7	20.3	30.5
138	11.5	11.3	16.9