Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062019\
Data File : BE100107.D
Acq On : 20 Jun 2019 14:14
Operator : JU/SJ
Sample : PB120562BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB120562BS

Quant Time: Jun 21 01:44:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	400	0.40	ng		0.00
7) Naphthalene-d8	10.55	136	1468	0.40	ng		0.01
13) Acenaphthene-d10	14.41	164	1294	0.40	ng		0.00
19) Phenanthrene-d10	17.16	188	4325	0.40	ng		0.00
27) Chrysene-d12	21.34	240	7413	0.40	ng		0.00
34) Perylene-d12	23.84	264	8377	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.29	112	375	0.45	ng		-0.01
5) Phenol-d6	6.95	99	400	0.35	ng		0.02
8) Nitrobenzene-d5	8.93	82	461	0.32	ng		0.01
11) 2-Methylnaphthalene-d10	12.17	152	1154	0.41	ng		0.01
14) 2,4,6-Tribromophenol	15.92	330	300	0.42	ng		0.00
15) 2-Fluorobiphenyl	13.04	172	2073	0.41	ng		0.00
25) Fluoranthene-d10	19.20	212	25595	0.41	ng		0.00
29) Terphenyl-d14	19.80	244	5026	0.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	271	0.422	ng		93
3) n-Nitrosodimethylamine	3.59	42	79	0.529	ng	#	100
6) bis(2-Chloroethyl)ether	7.21	93	348	0.329	ng	#	1
9) Naphthalene	10.59	128	6808	0.427	ng		98
10) Hexachlorobutadiene	10.85	225	608	0.388	ng		96
12) 2-Methylnaphthalene	12.24	142	1136	0.433	ng		97
16) Acenaphthylene	14.14	152	2633	0.429	ng		99
17) Acenaphthene	14.47	154	1427	0.415	ng		96
18) Fluorene	15.46	166	2313	0.452	ng		100
20) 4-Bromophenyl-phenylether	16.36	248	1063	0.413	ng		98
21) Hexachlorobenzene	16.45	284	1075	0.379	ng		99
22) Pentachlorophenol	16.85	266	451	0.732	ng		90
23) Phenanthrene	17.20	178	4310	0.416	ng		99
24) Anthracene	17.30	178	3413	0.391	ng		98
26) Fluoranthene	19.23	202	7277	0.437	ng		100
28) Pyrene	19.59	202	7441	0.391	ng		100
30) Benzo(a)anthracene	21.33	228	8101	0.367	ng		98
31) Chrysene	21.38	228	10124	0.395	ng		99
32) Bis(2-ethylhexyl)phthalate	21.25	149	9914	0.476	ng		100
33) Indeno(1,2,3-cd)pyrene	26.47	276	12490	0.433	ng	#	96
35) Benzo(b)fluoranthene	23.12	252	10329	0.420	ng		97
36) Benzo(k)fluoranthene	23.12	252	10751	0.384	ng		99
37) Benzo(a)pyrene	23.72	252	9618	0.405	ng	#	94
38) Dibenzo(a,h)anthracene	26.50	278	9871	0.406	ng		99
39) Benzo(g,h,i)perylene	27.28	276	10516	0.416	ng		99

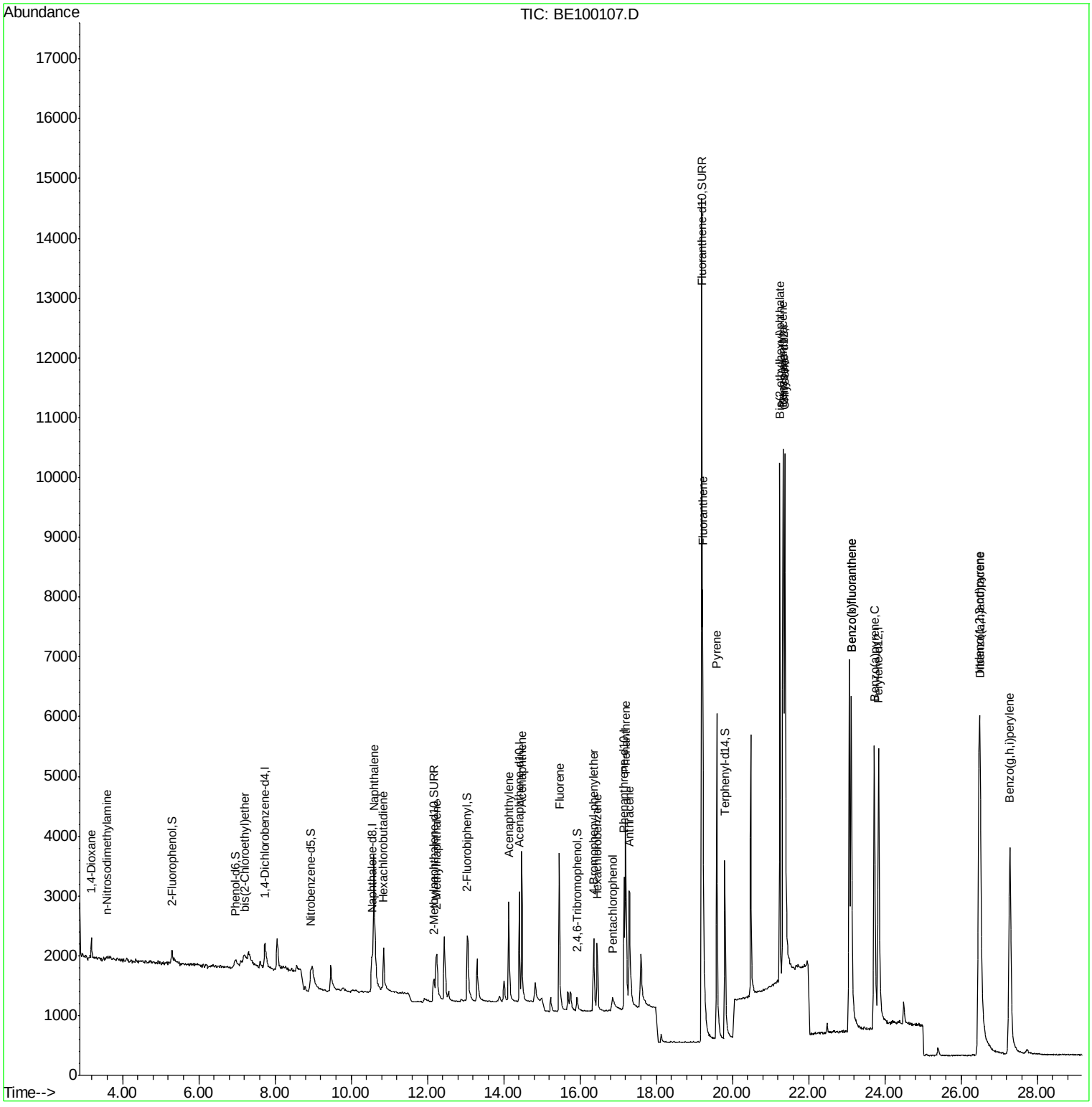
(#) = qualifier out of range (m) = manual integration (+) = signals summed

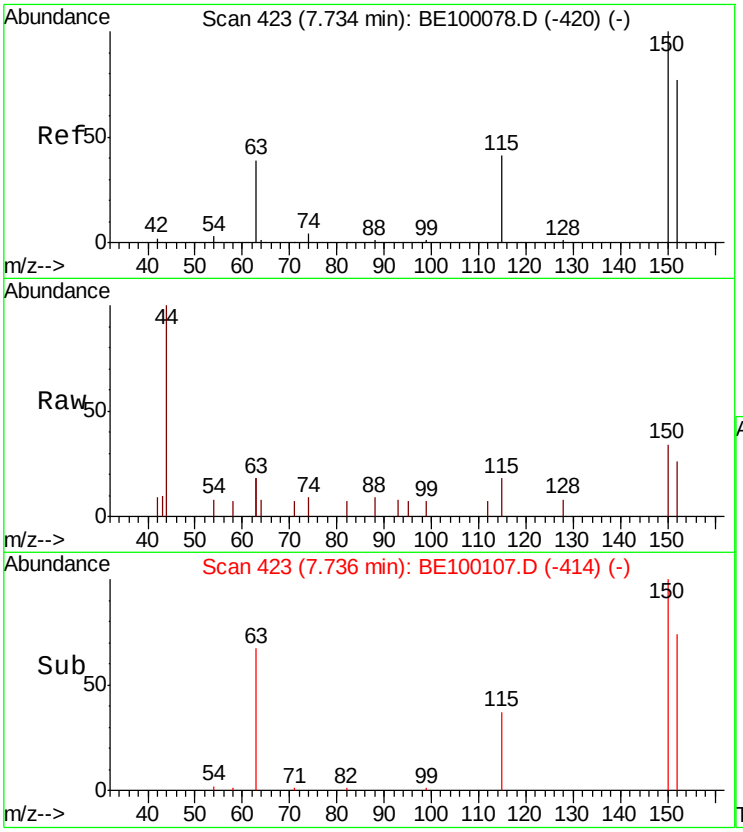
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062019\
Data File : BE100107.D
Acq On : 20 Jun 2019 14:14
Operator : JU/SJ
Sample : PB120562BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB120562BS

Quant Time: Jun 21 01:44:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration



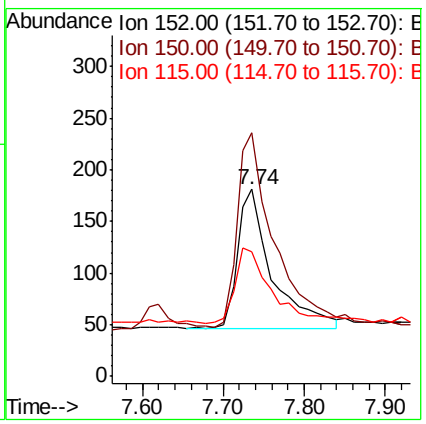


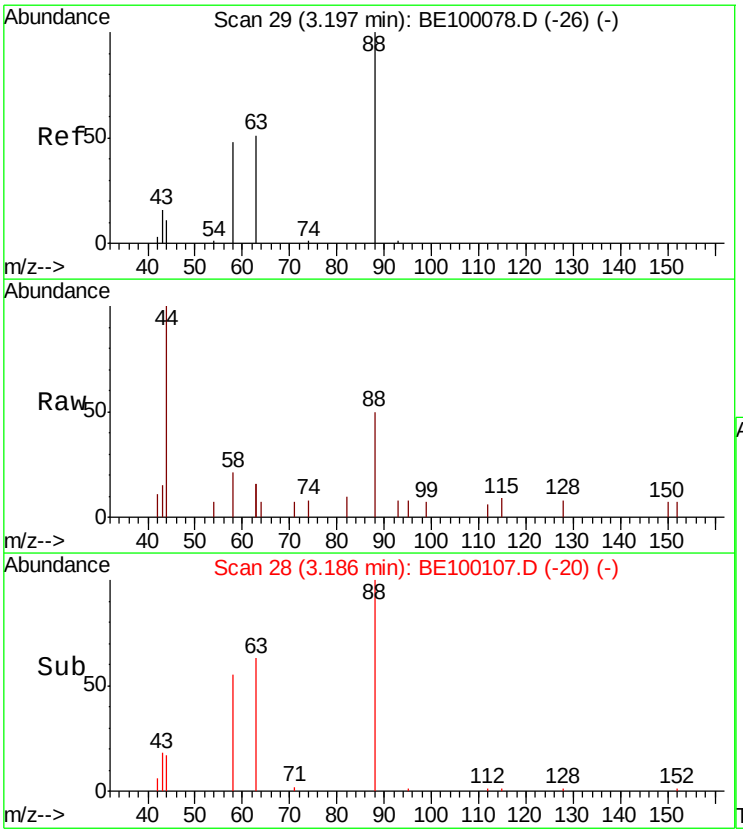
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.74 min Scan# 423
Delta R.T. 0.00 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Instrument :
BNA_E
ClientSampleId :
PB120562BS

Tgt Ion:152 Resp: 400

Ion	Ratio	Lower	Upper
152	100		
150	130.4	99.8	149.8
115	66.9	51.3	76.9

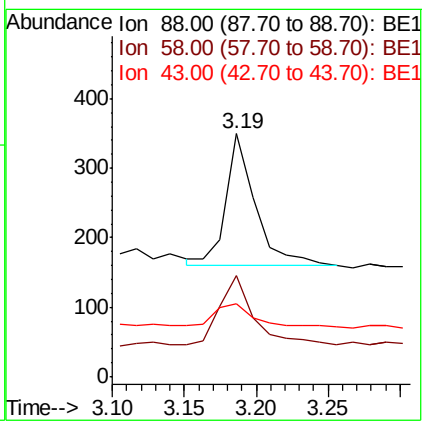


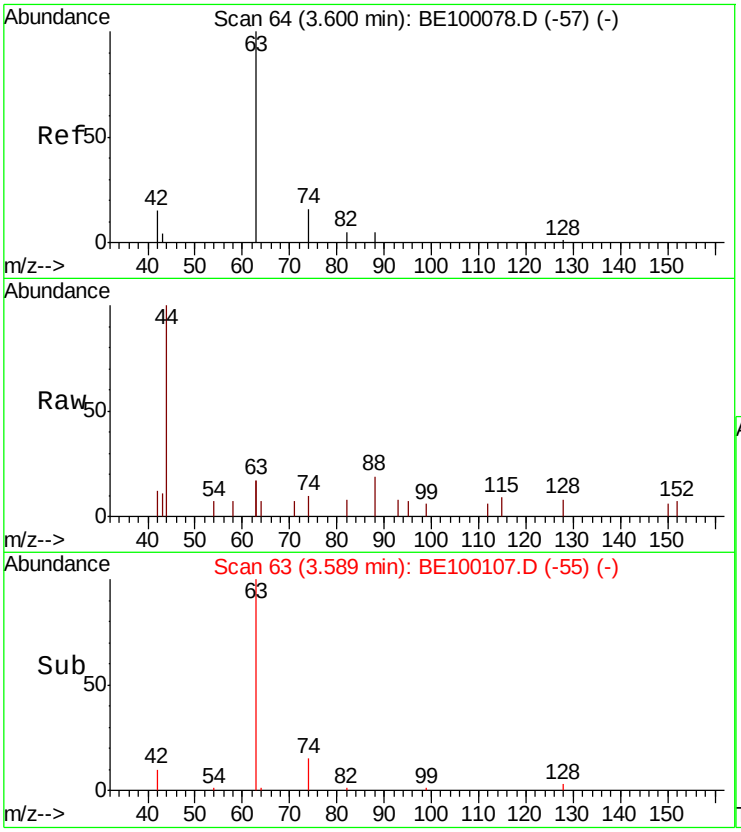


#2
1,4-Dioxane
Concen: 0.422 ng
RT: 3.19 min Scan# 28
Delta R.T. -0.01 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Tgt Ion: 88 Resp: 271

Ion	Ratio	Lower	Upper
88	100		
58	59.0	51.1	76.7
43	22.5	21.7	32.5



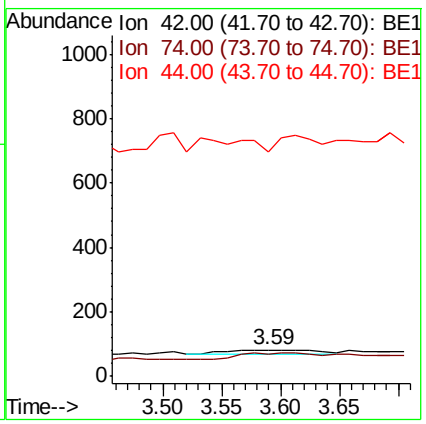


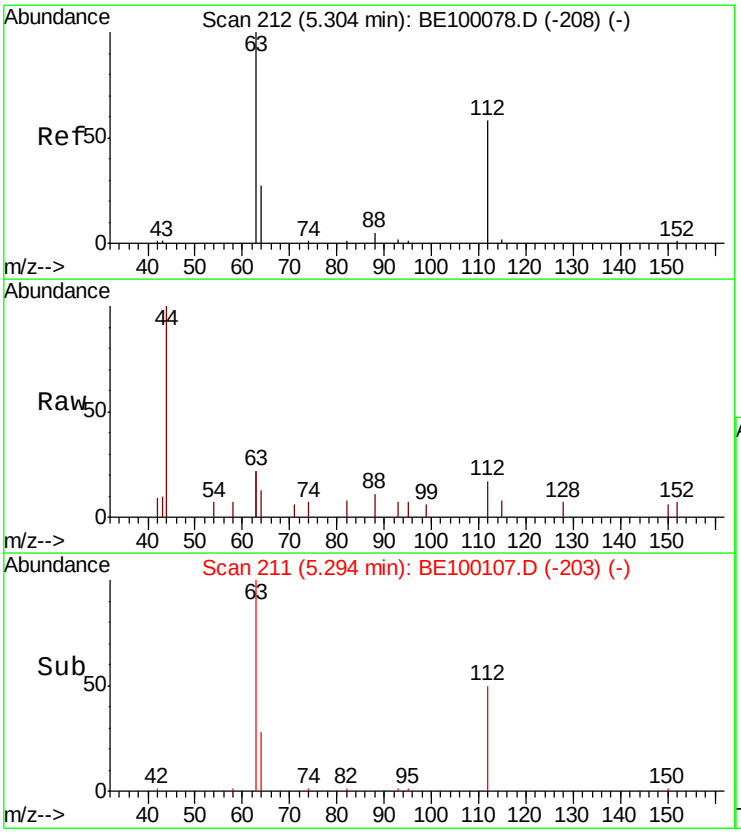
#3
n-Nitrosodimethylamine
Concen: 0.529 ng
RT: 3.59 min Scan# 63
Delta R.T. -0.01 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Instrument :
BNA_E
ClientSampleId :
PB120562BS

Tgt Ion: 42 Resp: 79

Ion	Ratio	Lower	Upper
42	100		
74	136.7	0.0	0.0#
44	0.0	0.0	0.0

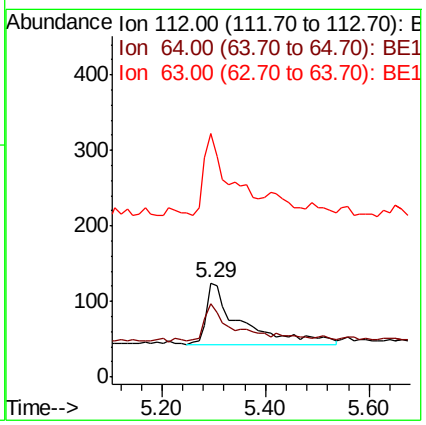


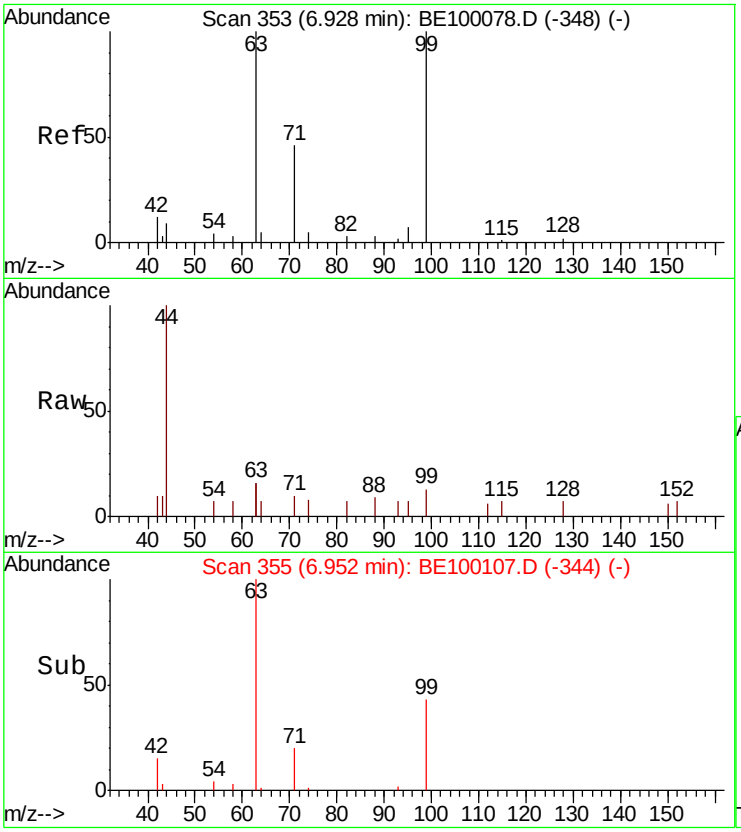


#4
2-Fluorophenol
Concen: 0.452 ng
RT: 5.29 min Scan# 211
Delta R.T. -0.01 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Tgt Ion:112 Resp: 375

Ion	Ratio	Lower	Upper
112	100		
64	46.7	22.0	33.0#
63	97.3	121.8	182.6#



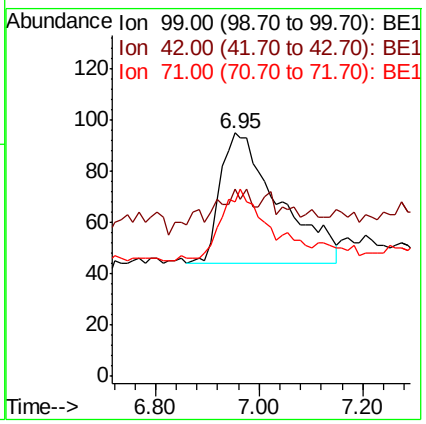


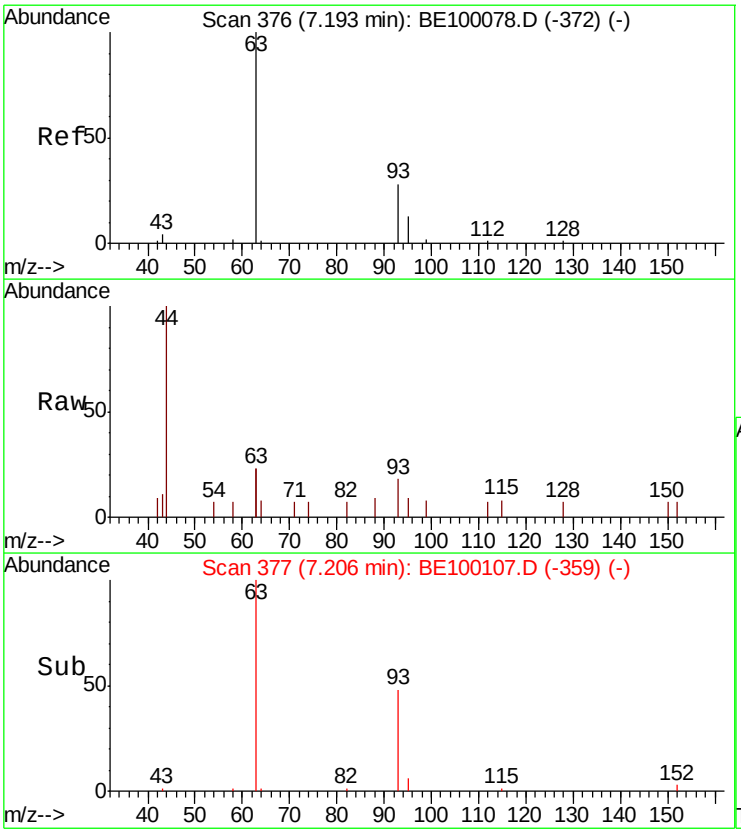
#5
Phenol-d6
Concen: 0.351 ng
RT: 6.95 min Scan# 355
Delta R.T. 0.02 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Instrument :
BNA_E
ClientSampleId :
PB120562BS

Tgt Ion: 99 Resp: 400

Ion	Ratio	Lower	Upper
99	100		
42	13.8	0.0	0.0#
71	41.8	37.6	56.4

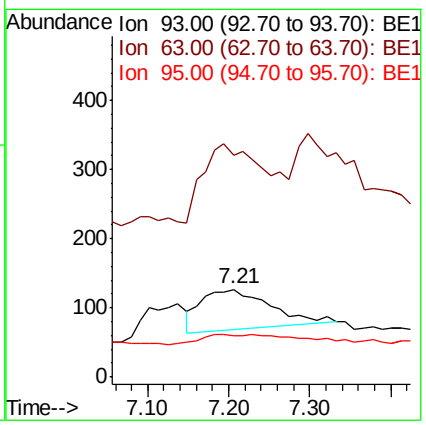


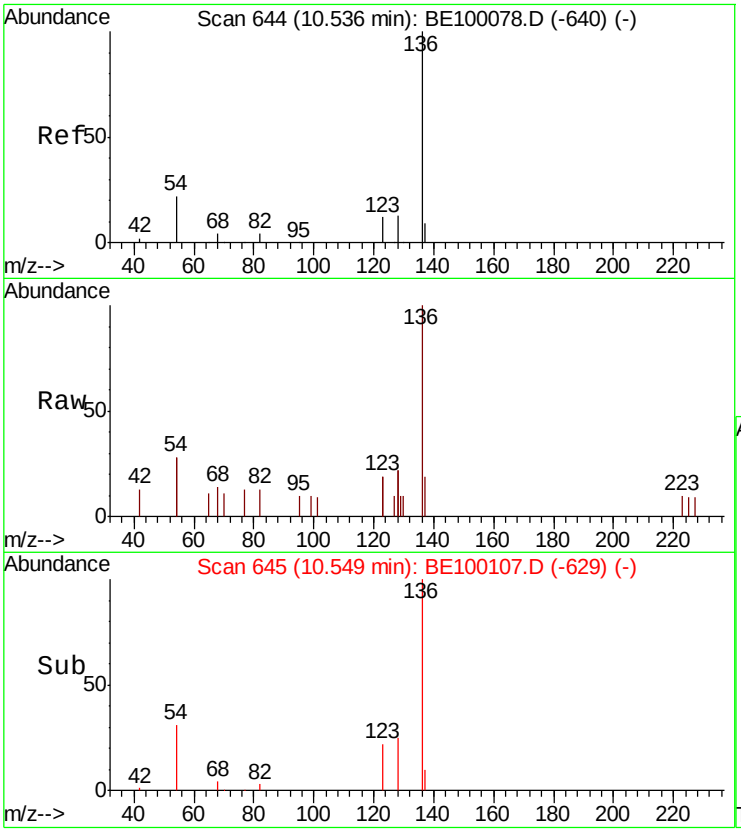


#6
bis(2-Chloroethyl)ether
Concen: 0.329 ng
RT: 7.21 min Scan# 377
Delta R.T. 0.01 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Tgt Ion: 93 Resp: 348

Ion	Ratio	Lower	Upper
93	100		
63	0.0	200.0	300.0#
95	0.0	24.0	36.0#



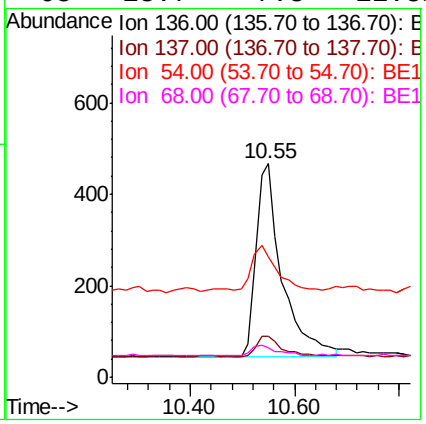


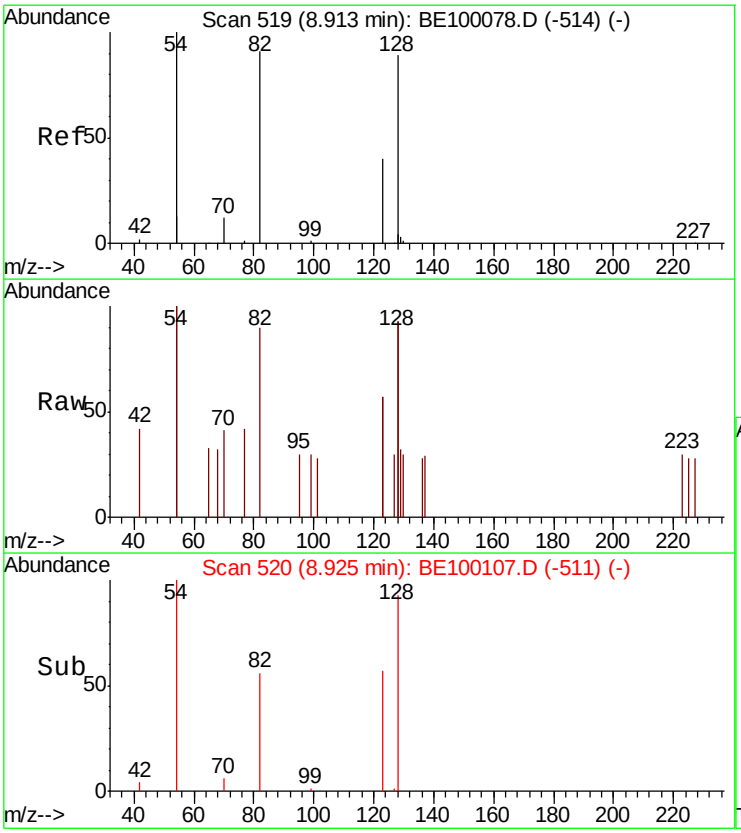
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.55 min Scan# 645
Delta R.T. 0.01 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Instrument :
BNA_E
ClientSampleId :
PB120562BS

Tgt Ion:136 Resp: 1468

Ion	Ratio	Lower	Upper
136	100		
137	19.3	11.6	17.4#
54	56.1	33.9	50.9#
68	13.7	7.8	11.8#

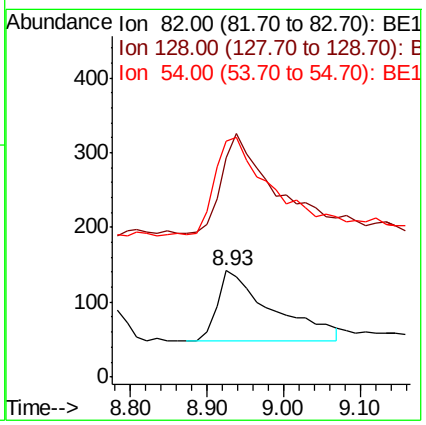


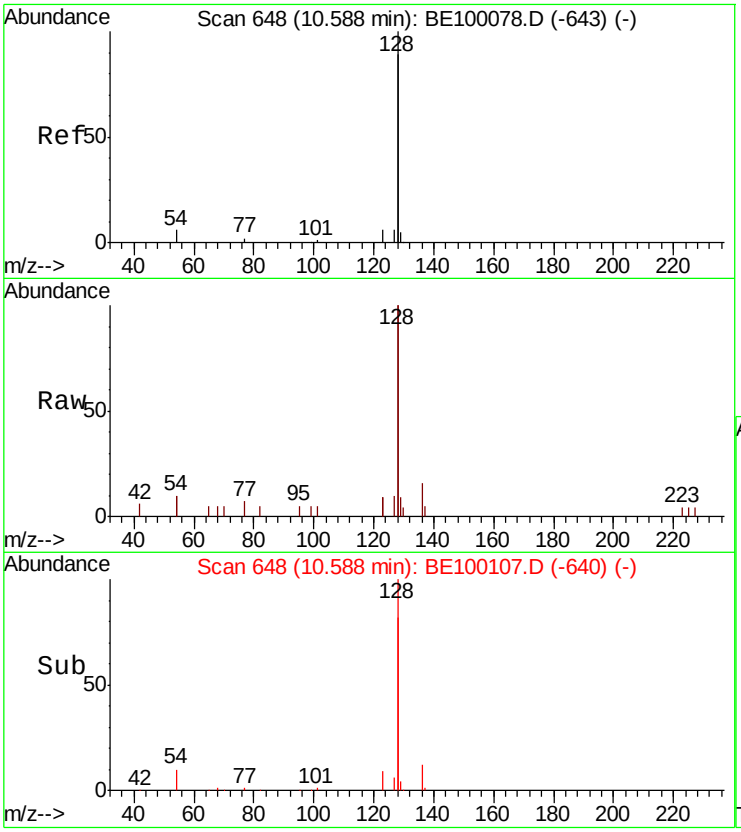


#8
Nitrobenzene-d5
Concen: 0.324 ng
RT: 8.93 min Scan# 520
Delta R.T. 0.01 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Tgt Ion: 82 Resp: 461

Ion	Ratio	Lower	Upper
82	100		
128	207.0	128.0	192.0#
54	222.5	143.4	215.0#



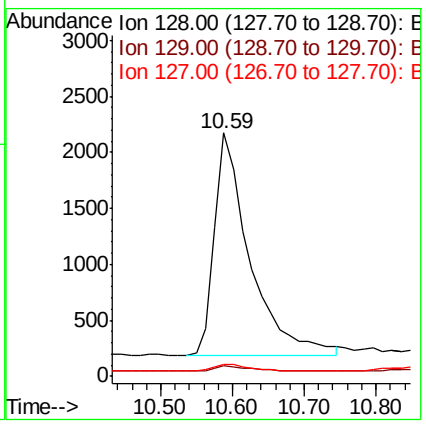


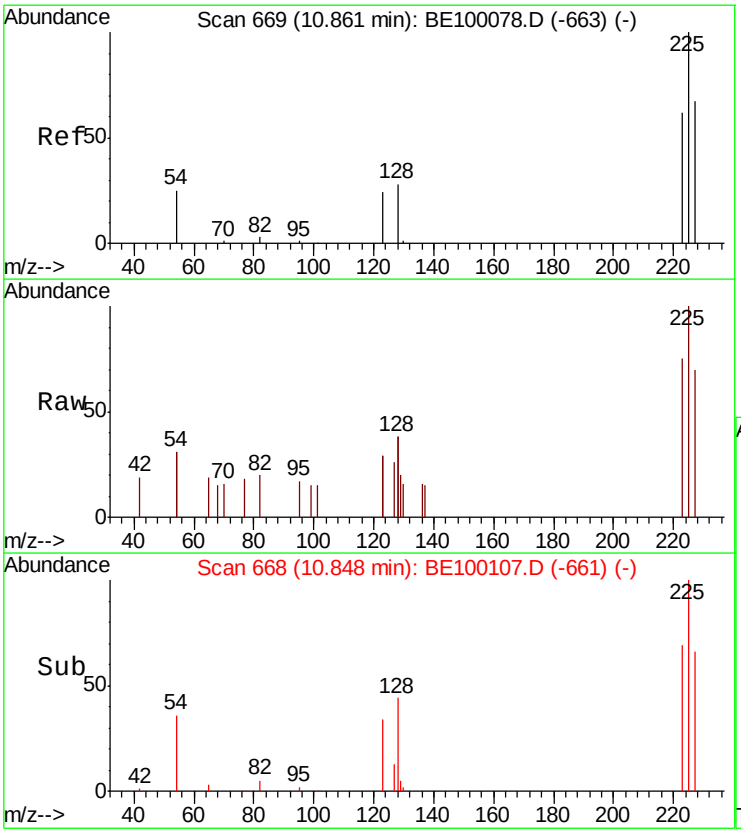
#9
Naphthalene
Concen: 0.427 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Instrument :
BNA_E
ClientSampleId :
PB120562BS

Tgt Ion:128 Resp: 6808

Ion	Ratio	Lower	Upper
128	100		
129	4.4	3.1	4.7
127	4.9	3.4	5.2

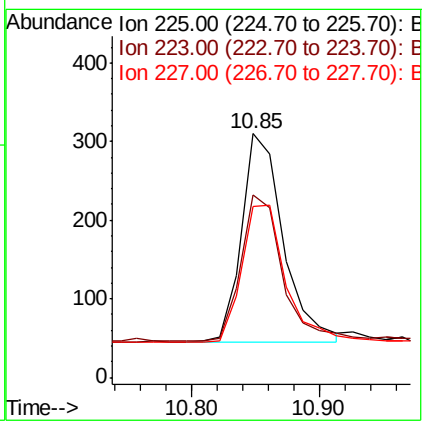


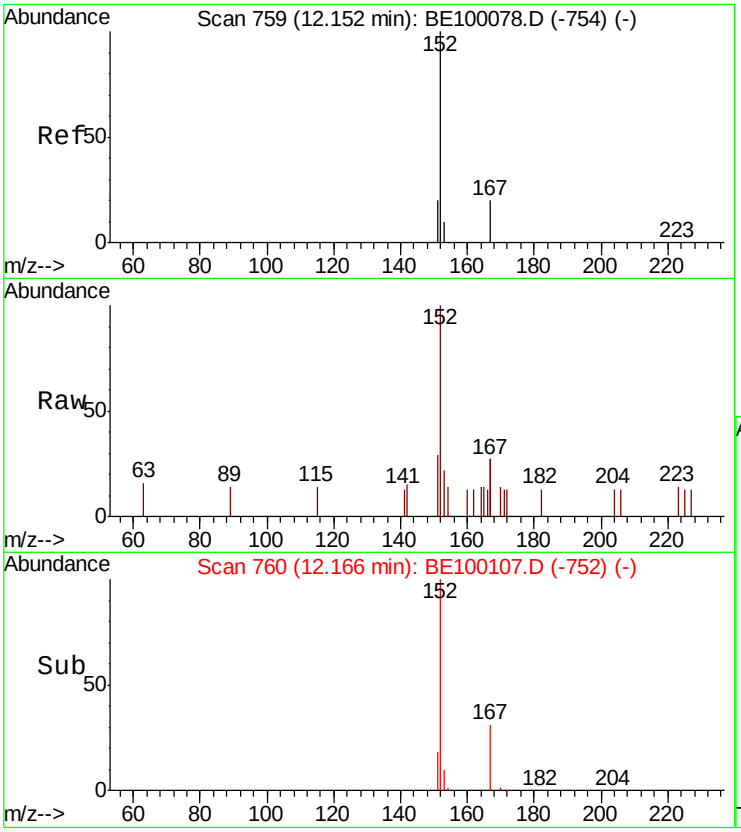


#10
Hexachlorobutadiene
Concen: 0.388 ng
RT: 10.85 min Scan# 668
Delta R.T. -0.01 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Tgt Ion:225 Resp: 608

Ion	Ratio	Lower	Upper
225	100		
223	68.1	52.2	78.4
227	69.4	53.0	79.6



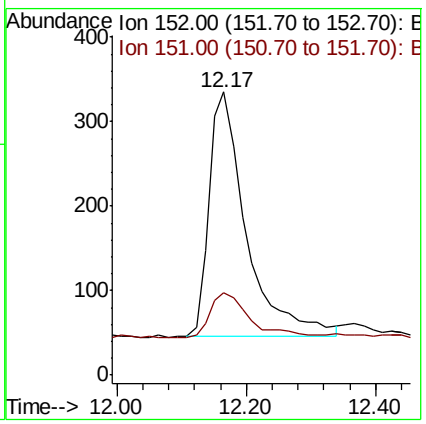


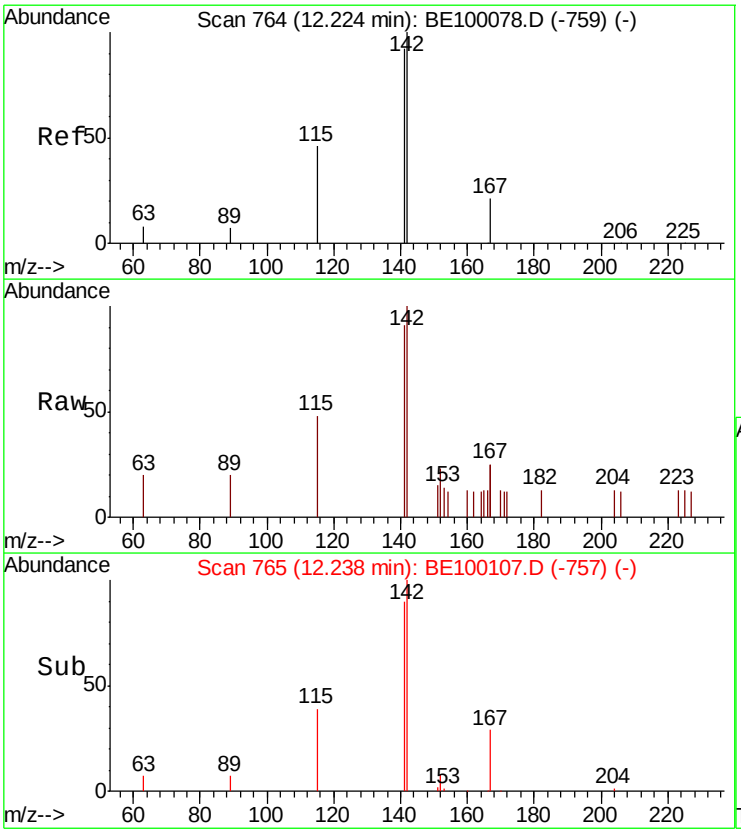
#11
2-Methylnaphthalene-d10
Concen: 0.413 ng
RT: 12.17 min Scan# 760
Delta R.T. 0.01 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Instrument :
BNA_E
ClientSampleId :
PB120562BS

Tgt Ion:152 Resp: 1154

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.3	24.5

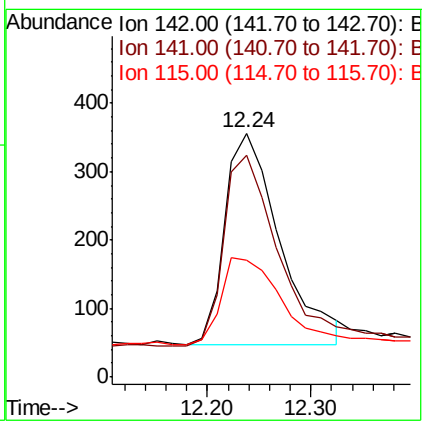


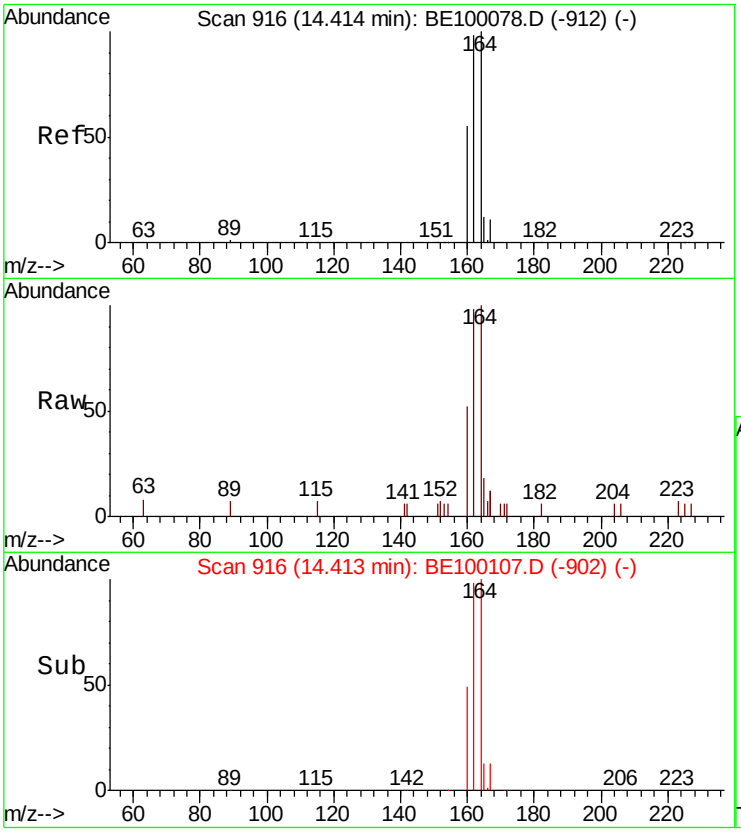


#12
2-Methylnaphthalene
Concen: 0.433 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.01 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Tgt Ion:142 Resp: 1136

Ion	Ratio	Lower	Upper
142	100		
141	91.0	74.1	111.1
115	47.8	40.9	61.3



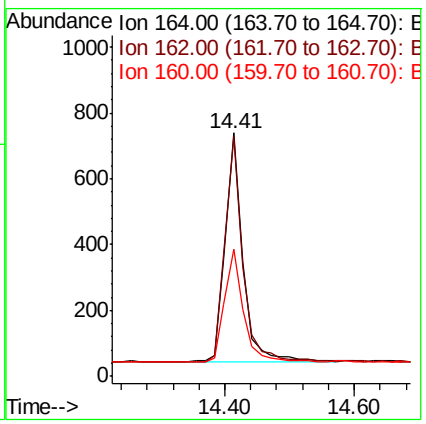


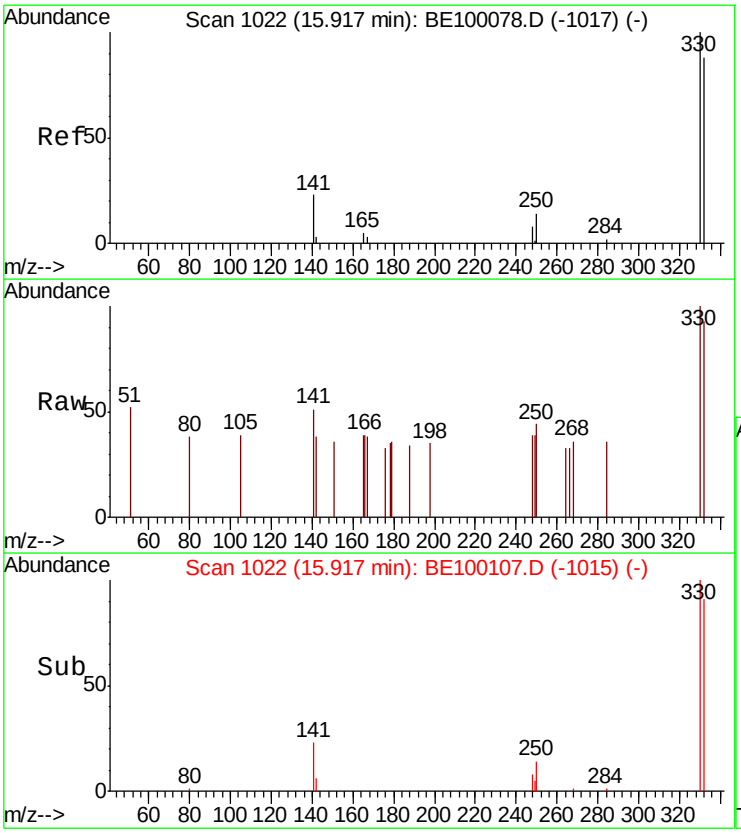
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.00 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Instrument :
BNA_E
ClientSampleId :
PB120562BS

Tgt Ion:164 Resp: 1294

Ion	Ratio	Lower	Upper
164	100		
162	98.4	78.2	117.2
160	52.2	45.6	68.4

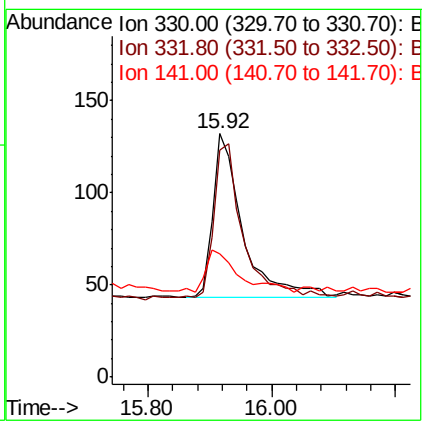


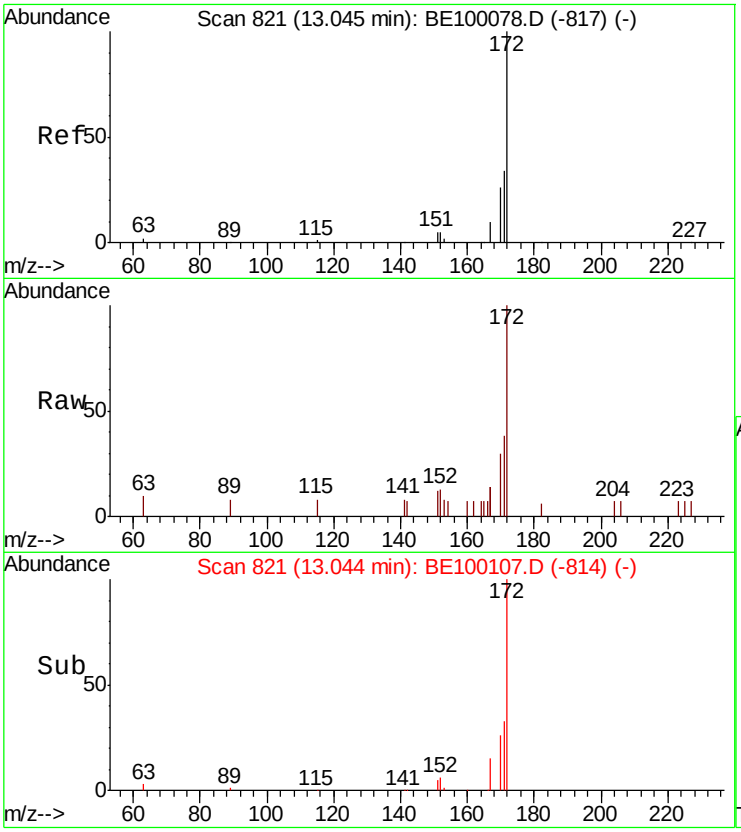


#14
2,4,6-Tribromophenol
Concen: 0.420 ng
RT: 15.92 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Tgt Ion:330 Resp: 300

Ion	Ratio	Lower	Upper
330	100		
332	91.0	73.3	109.9
141	0.0	22.2	33.2#



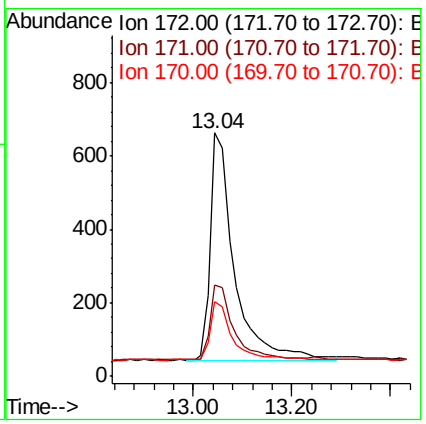


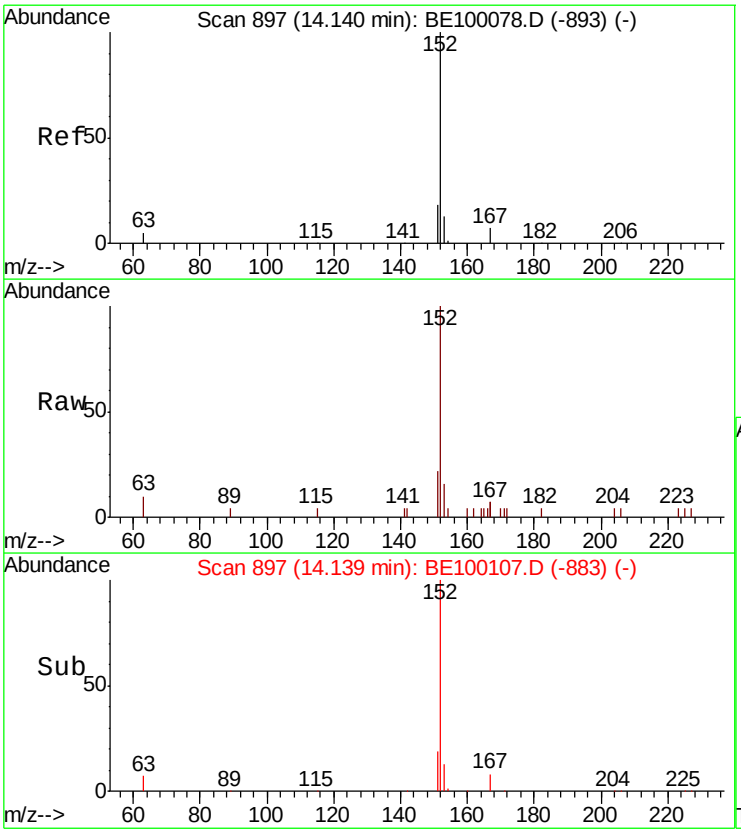
#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 13.04 min Scan# 821
Delta R.T. -0.00 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Instrument :
BNA_E
ClientSampleId :
PB120562BS

Tgt Ion:172 Resp: 2073

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.8
170	30.5	23.2	34.8

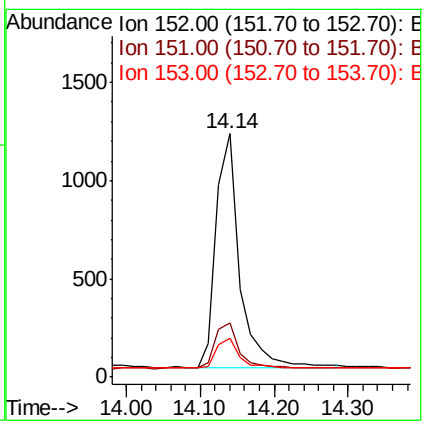


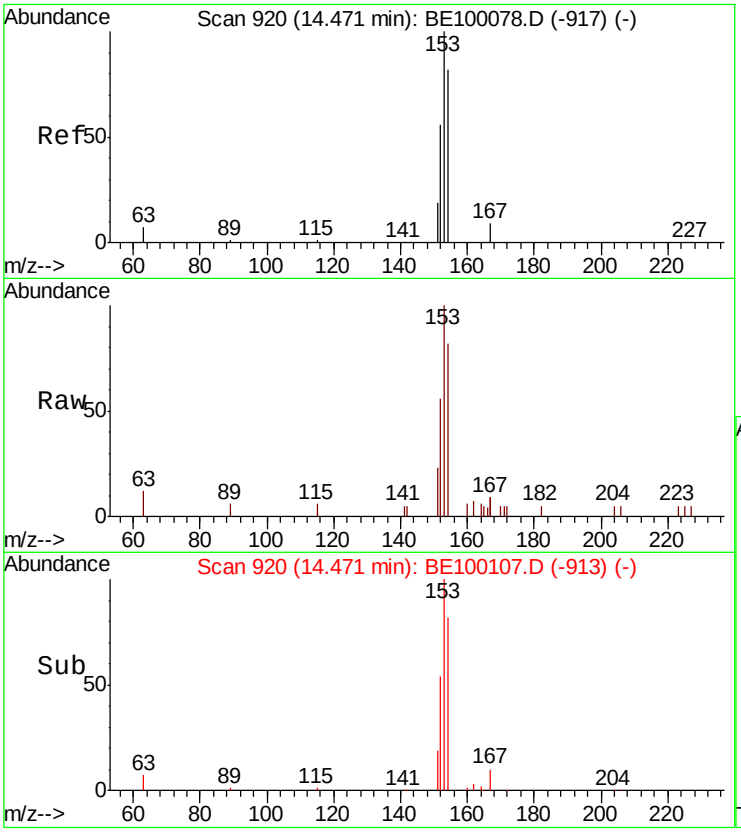


#16
Acenaphthylene
Concen: 0.429 ng
RT: 14.14 min Scan# 897
Delta R.T. -0.00 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Tgt Ion:152 Resp: 2633

Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.9	23.9
153	12.8	10.1	15.1



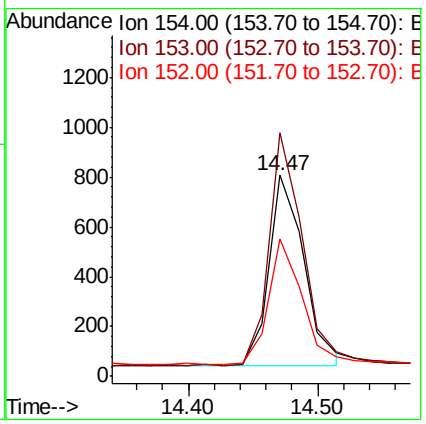


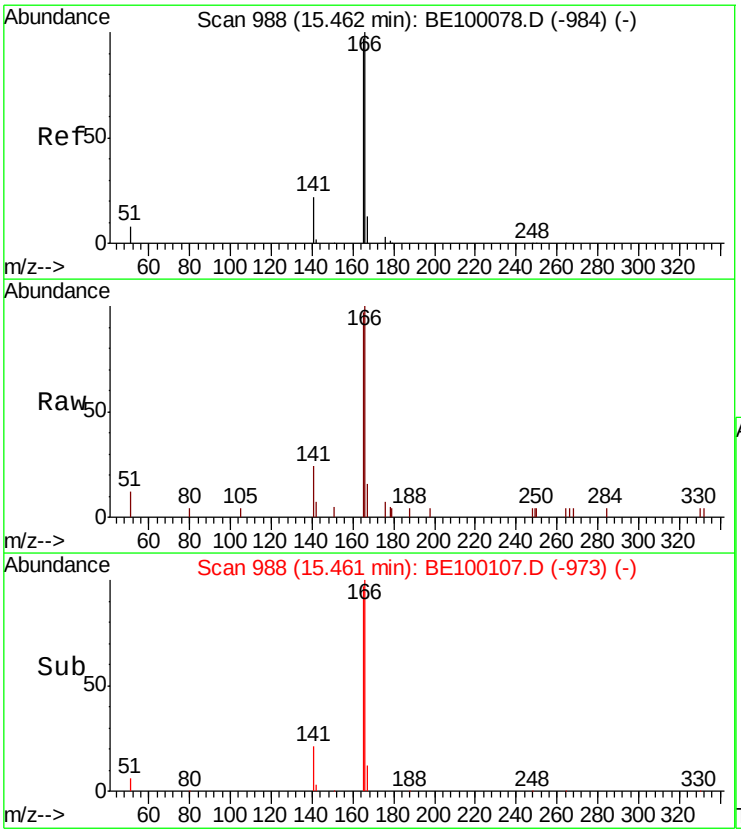
#17
Acenaphthene
Concen: 0.415 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Instrument :
BNA_E
ClientSampleId :
PB120562BS

Tgt Ion:154 Resp: 1427

Ion	Ratio	Lower	Upper
154	100		
153	117.4	95.5	143.3
152	63.2	54.9	82.3

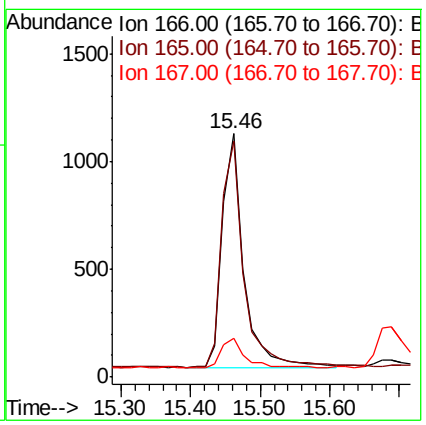


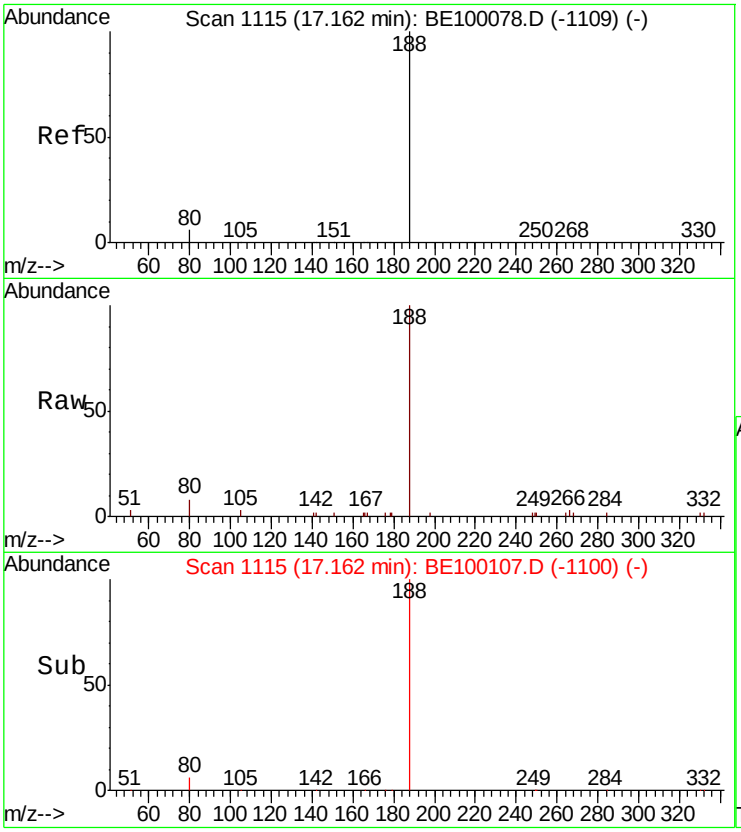


#18
Fluorene
Concen: 0.452 ng
RT: 15.46 min Scan# 988
Delta R.T. -0.00 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Tgt Ion:166 Resp: 2313

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.8	119.8
167	13.1	10.2	15.4



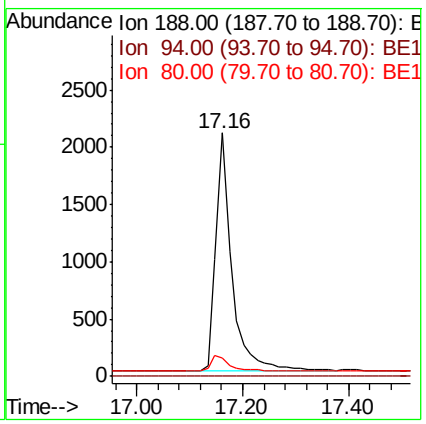


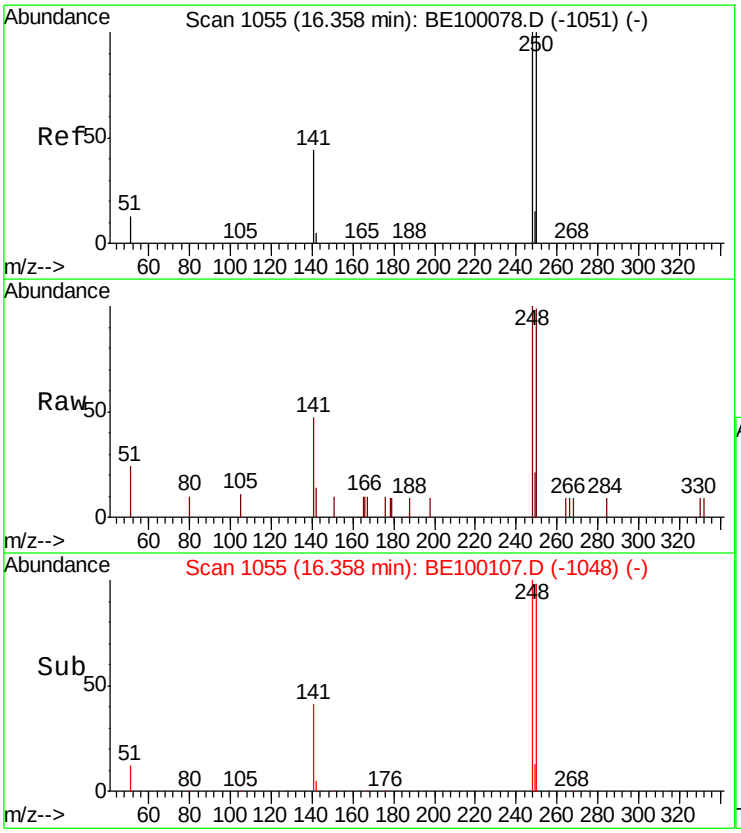
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.16 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Instrument :
BNA_E
ClientSampleId :
PB120562BS

Tgt Ion:188 Resp: 4325

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.7	6.3	9.5

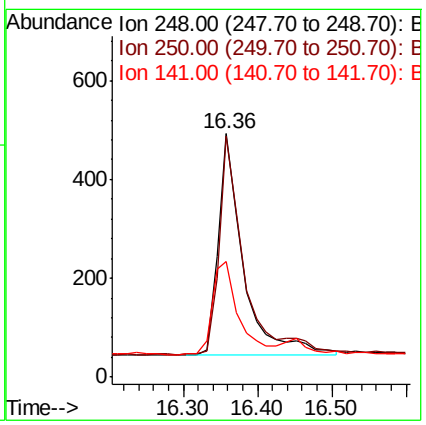


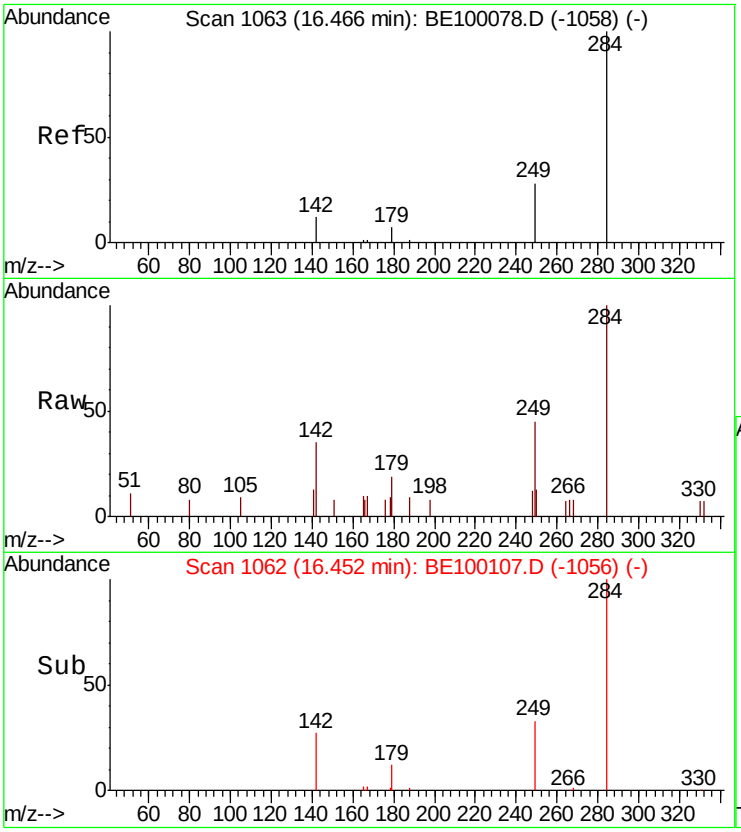


#20
4-Bromophenyl-phenylether
Concen: 0.413 ng
RT: 16.36 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Tgt Ion:248 Resp: 1063

Ion	Ratio	Lower	Upper
248	100		
250	99.0	80.6	120.8
141	47.3	38.8	58.2



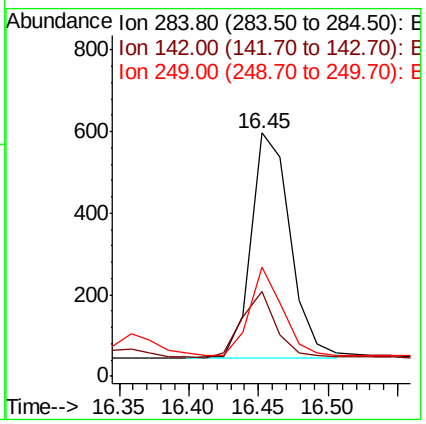


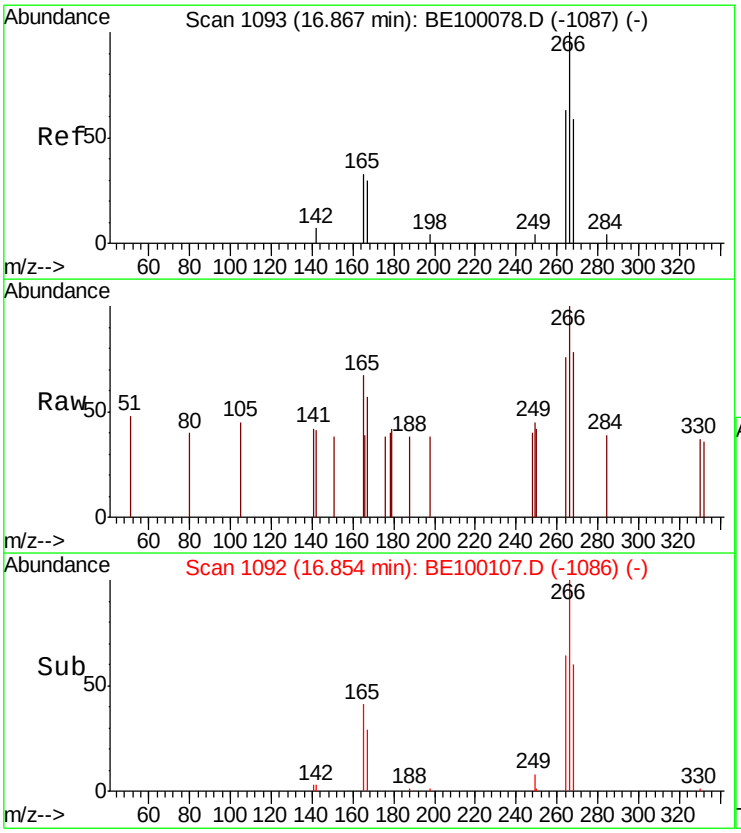
#21
Hexachlorobenzene
Concen: 0.379 ng
RT: 16.45 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Instrument :
BNA_E
ClientSampleId :
PB120562BS

Tgt Ion:284 Resp: 1075

Ion	Ratio	Lower	Upper
284	100		
142	25.7	20.7	31.1
249	32.5	26.6	39.8

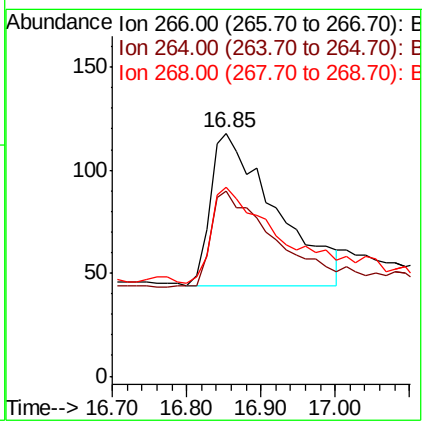


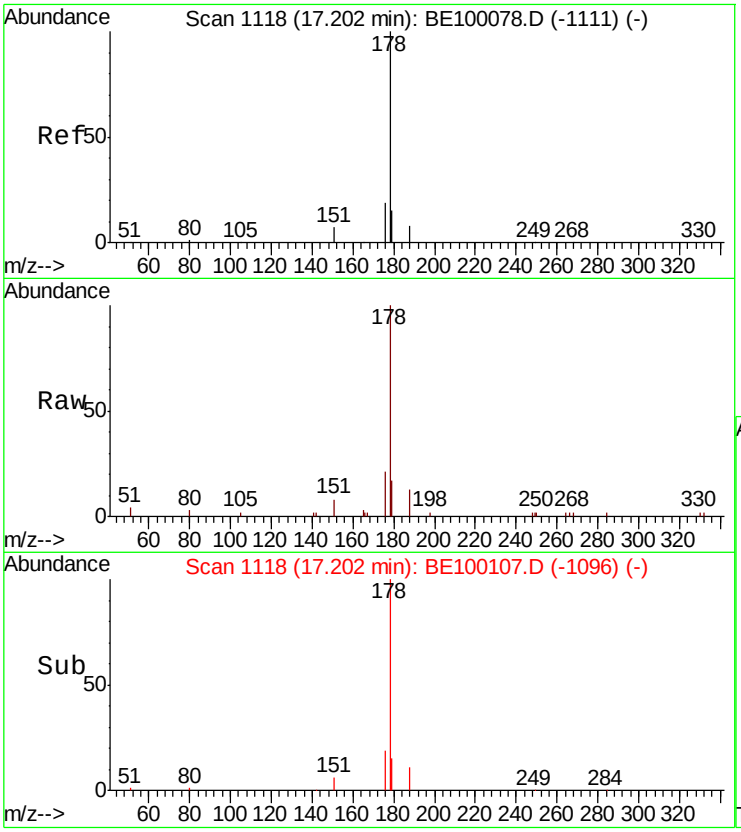


#22
Pentachlorophenol
Concen: 0.732 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Tgt Ion:266 Resp: 451

Ion	Ratio	Lower	Upper
266	100		
264	76.3	67.8	101.6
268	78.0	70.0	105.0



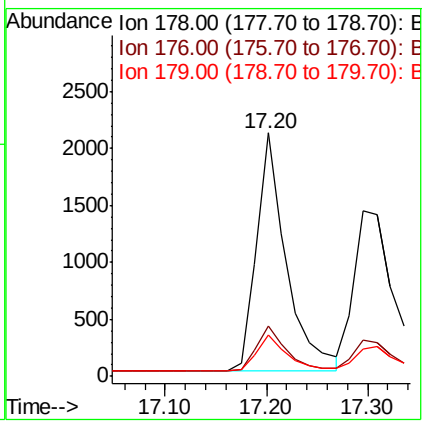


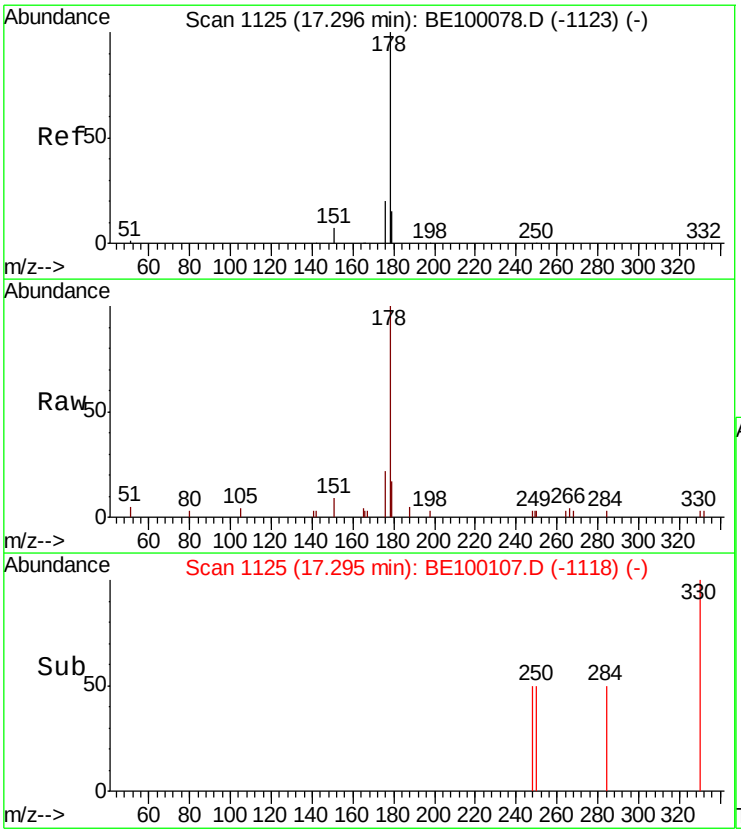
#23
Phenanthrene
Concen: 0.416 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Instrument :
BNA_E
ClientSampleId :
PB120562BS

Tgt Ion:178 Resp: 4310

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.5	13.1	19.7

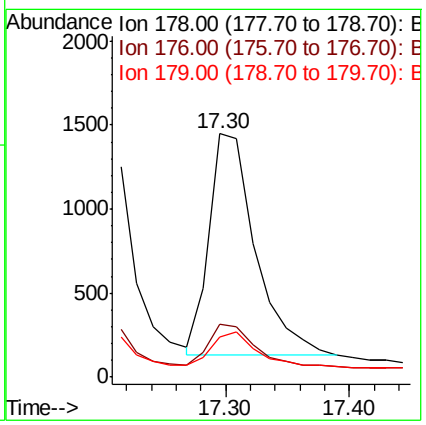


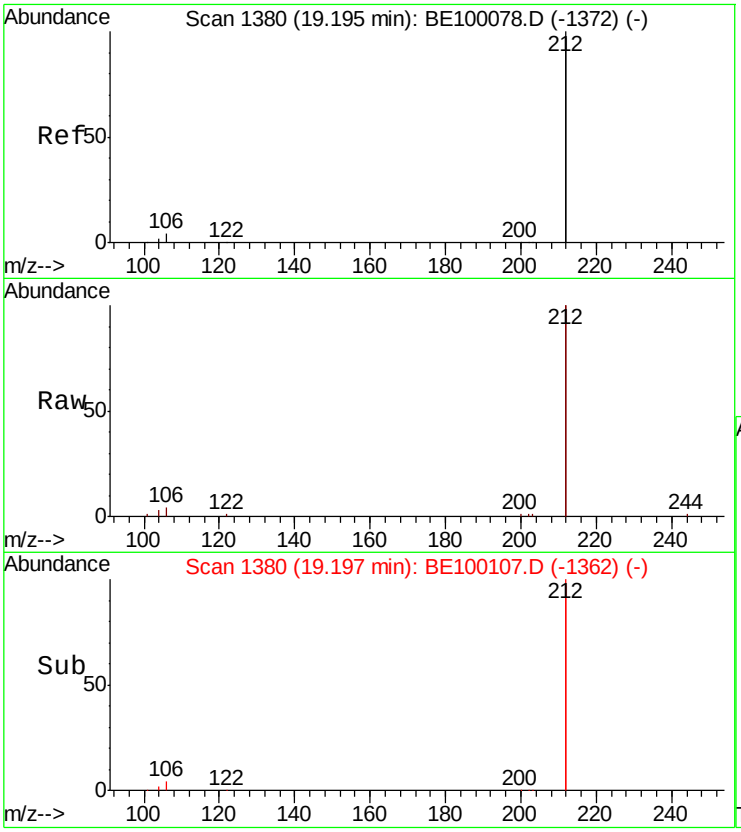


#24
Anthracene
Concen: 0.391 ng
RT: 17.30 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Tgt Ion:178 Resp: 3413

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.6
179	15.0	12.0	18.0



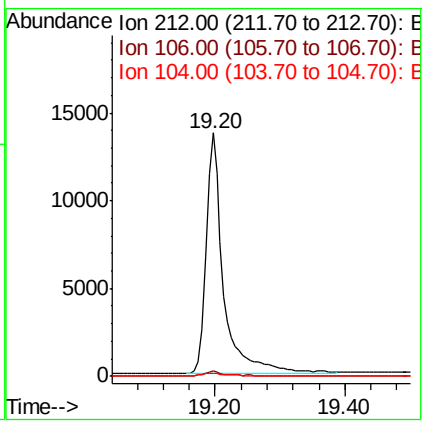


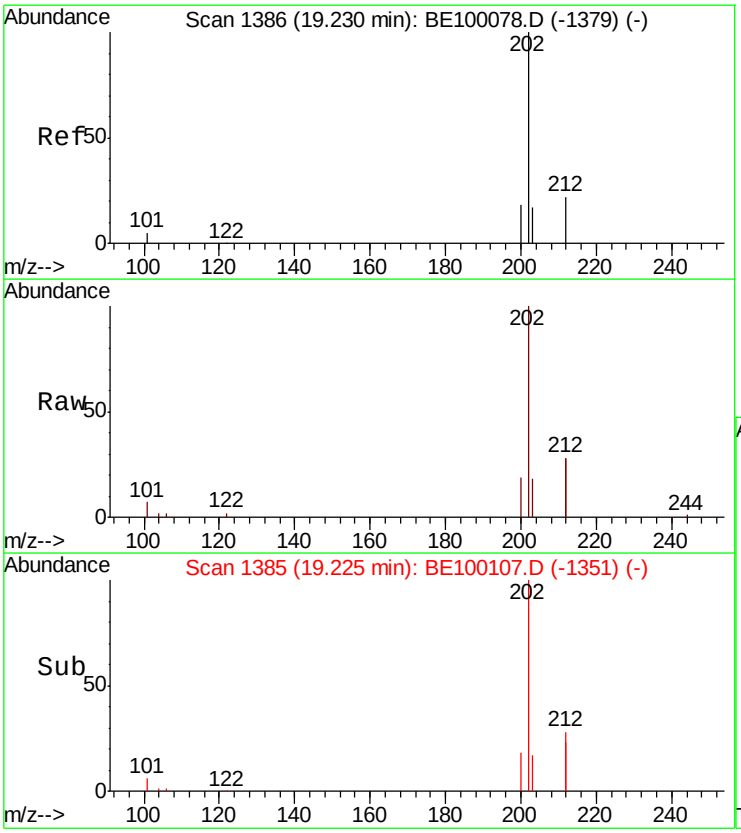
#25
Fluoranthene-d10
Concen: 0.414 ng
RT: 19.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Instrument :
BNA_E
ClientSampleId :
PB120562BS

Tgt Ion:212 Resp: 25595

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.4	2.0
104	0.9	0.8	1.2

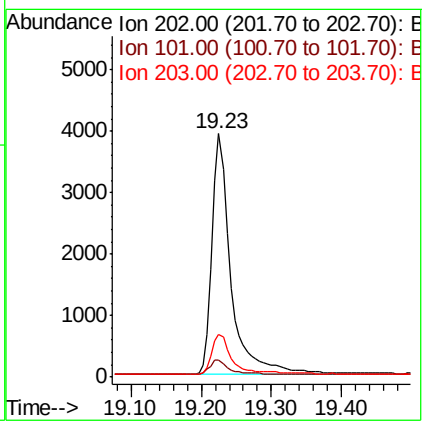


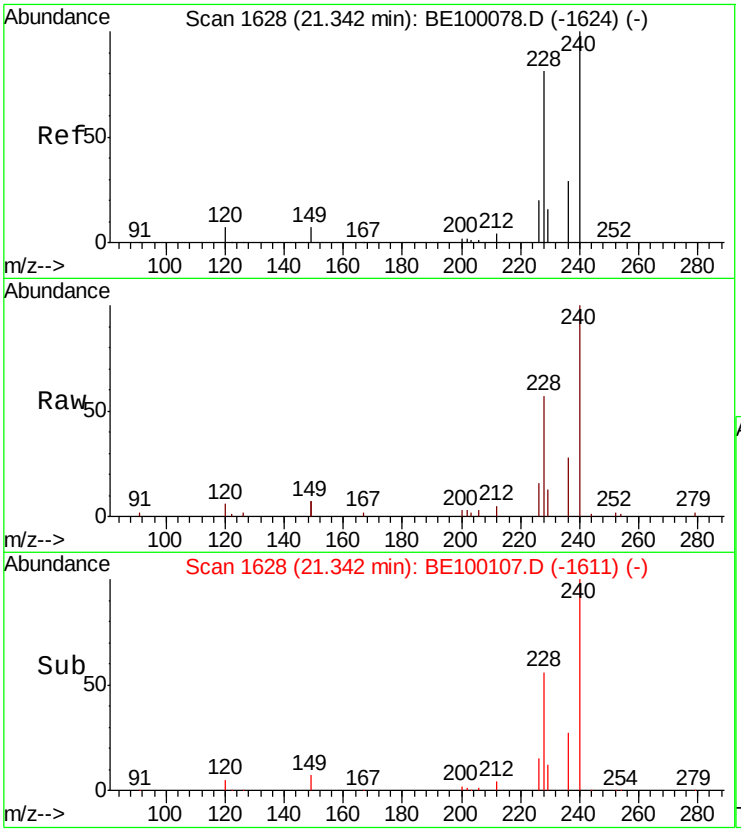


#26
Fluoranthene
Concen: 0.437 ng
RT: 19.23 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Tgt Ion:202 Resp: 7277

Ion	Ratio	Lower	Upper
202	100		
101	6.3	5.0	7.4
203	16.9	13.7	20.5



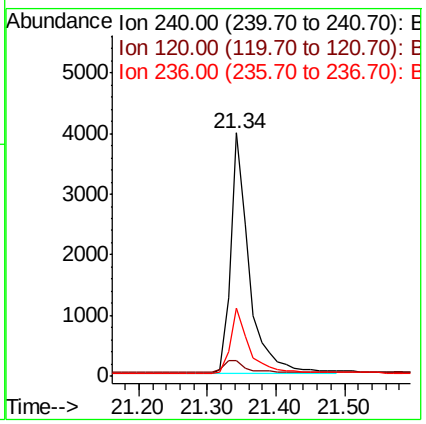


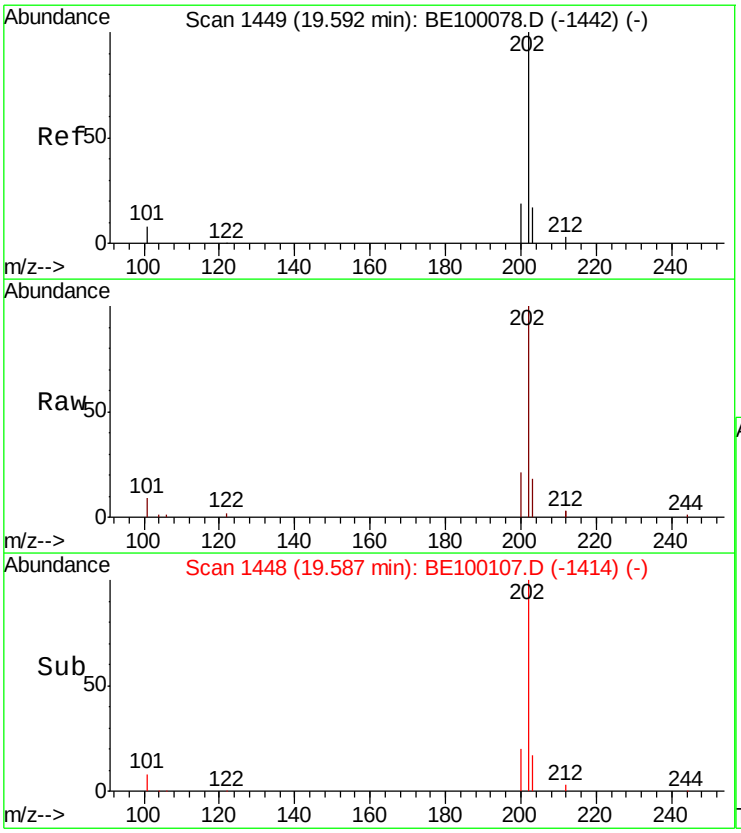
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Instrument :
BNA_E
ClientSampleId :
PB120562BS

Tgt Ion:240 Resp: 7413

Ion	Ratio	Lower	Upper
240	100		
120	6.4	6.6	10.0#
236	27.8	23.8	35.6

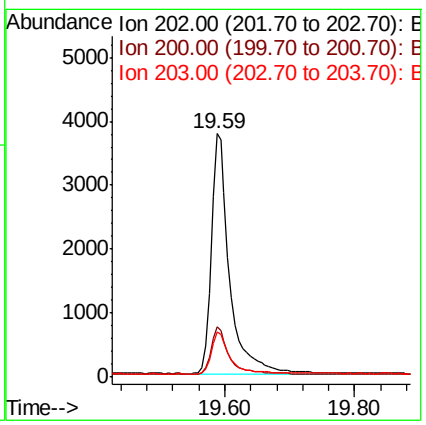


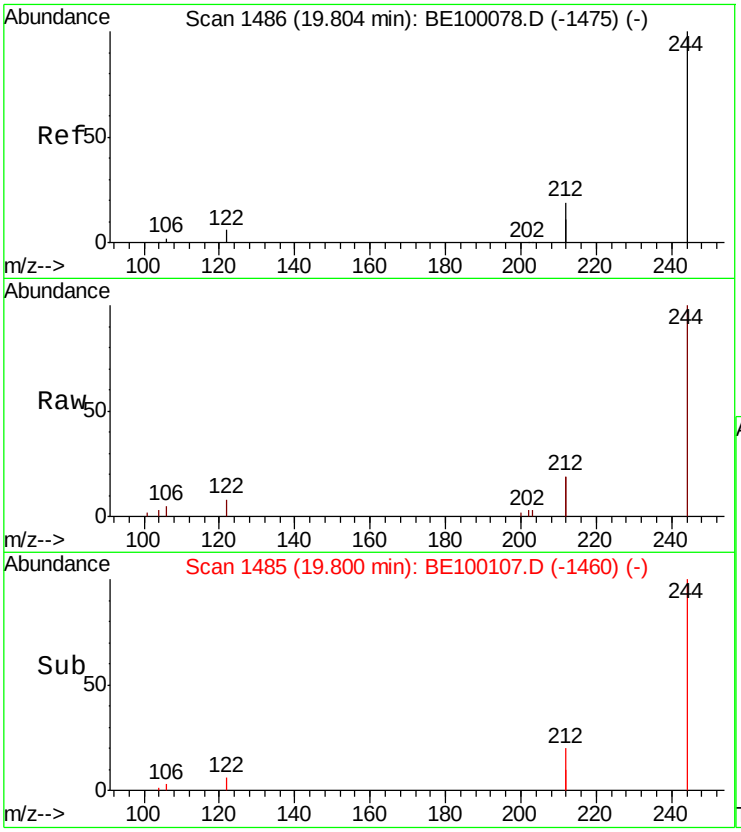


#28
Pyrene
Concen: 0.391 ng
RT: 19.59 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Tgt Ion:202 Resp: 7441

Ion	Ratio	Lower	Upper
202	100		
200	19.2	15.6	23.4
203	17.3	13.9	20.9



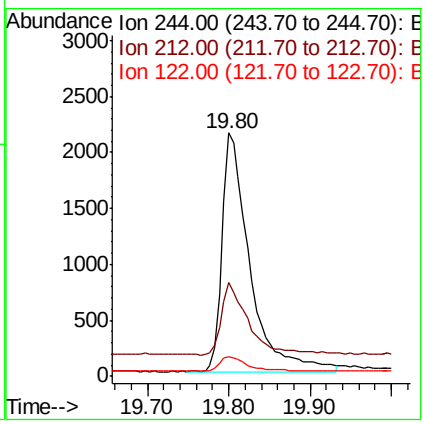


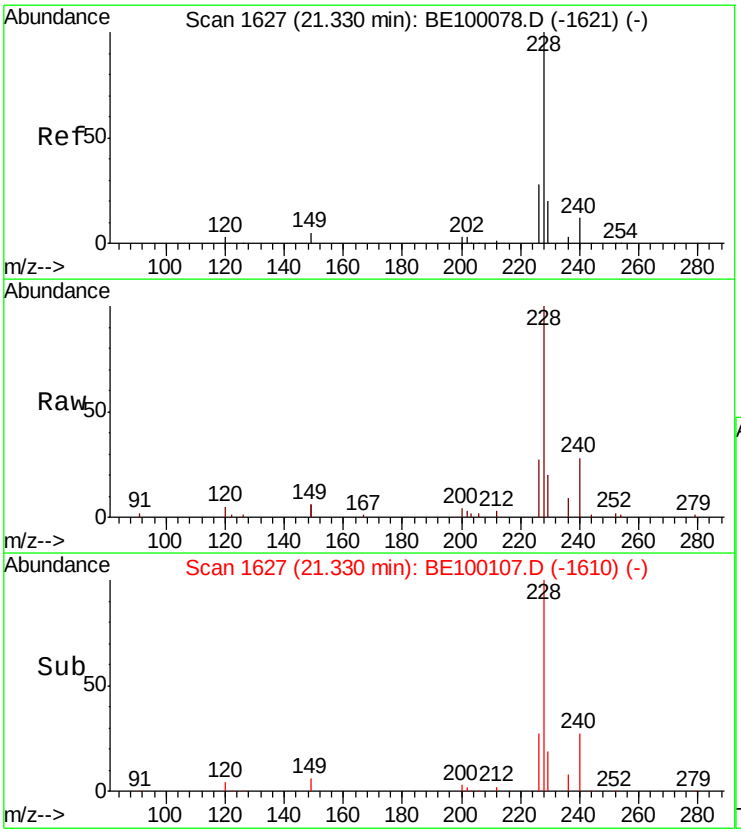
#29
Terphenyl-d14
Concen: 0.339 ng
RT: 19.80 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Instrument :
BNA_E
ClientSampleId :
PB120562BS

Tgt Ion:244 Resp: 5026

Ion	Ratio	Lower	Upper
244	100		
212	38.7	29.8	44.8
122	8.1	6.1	9.1

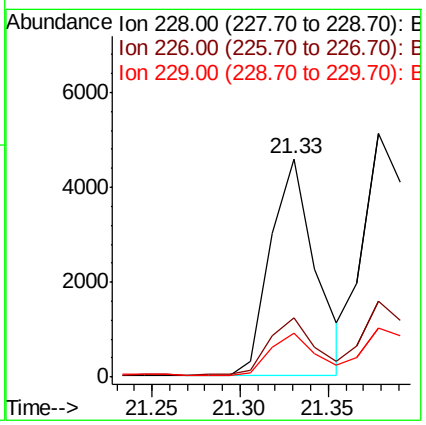


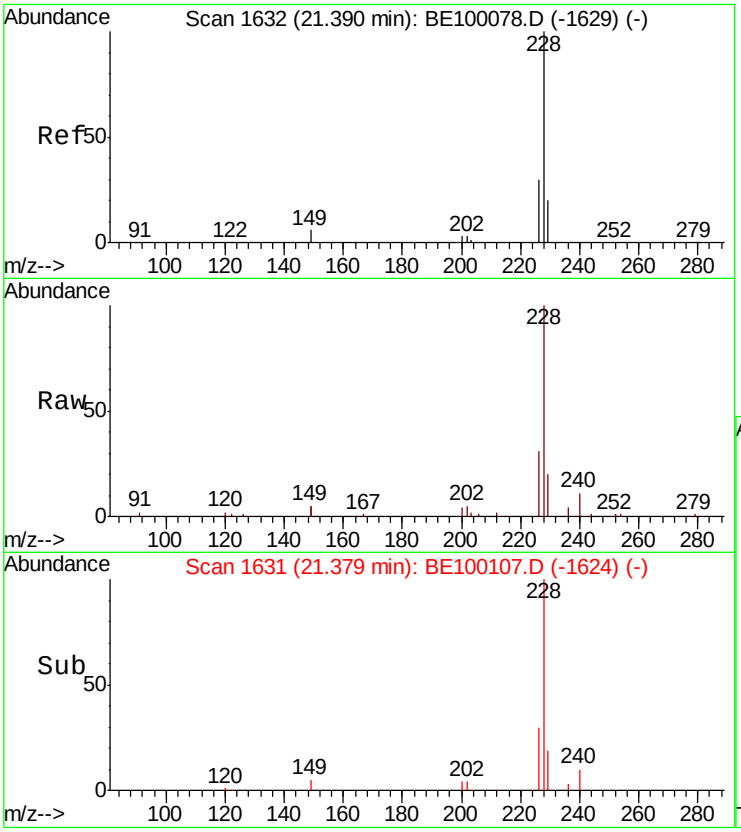


#30
Benzo(a)anthracene
Concen: 0.367 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Tgt Ion:228 Resp: 8101

Ion	Ratio	Lower	Upper
228	100		
226	27.4	23.0	34.4
229	20.1	16.4	24.6



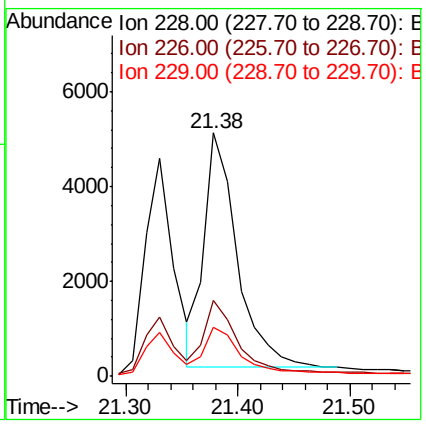


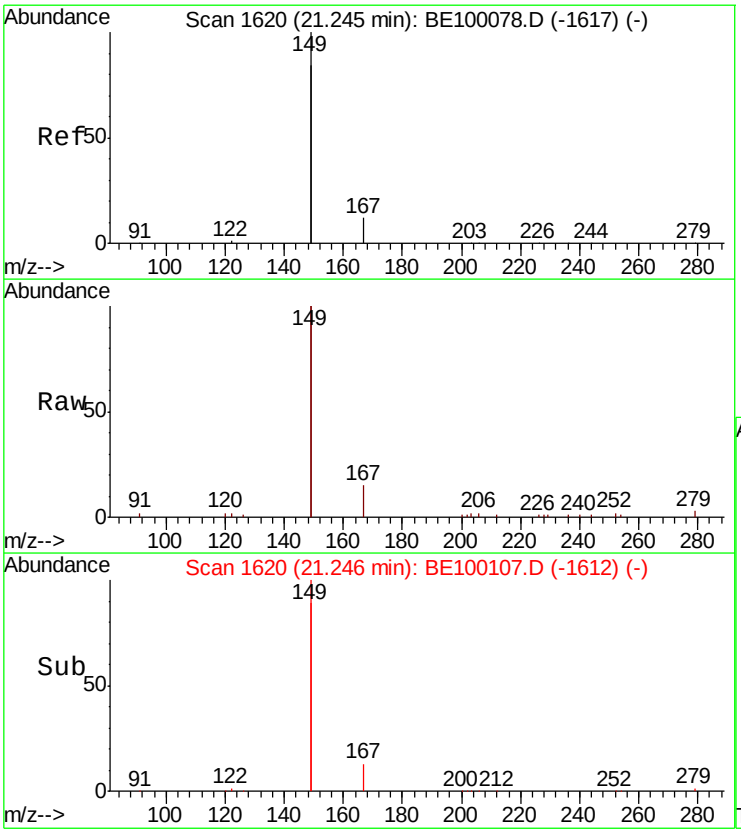
#31
Chrysene
Concen: 0.395 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Instrument :
BNA_E
ClientSampleId :
PB120562BS

Tgt Ion:228 Resp: 10124

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.8	35.8
229	20.2	16.3	24.5

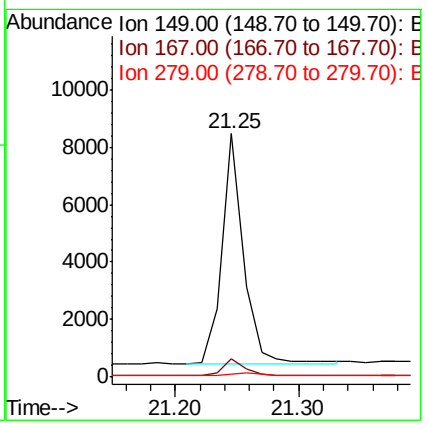


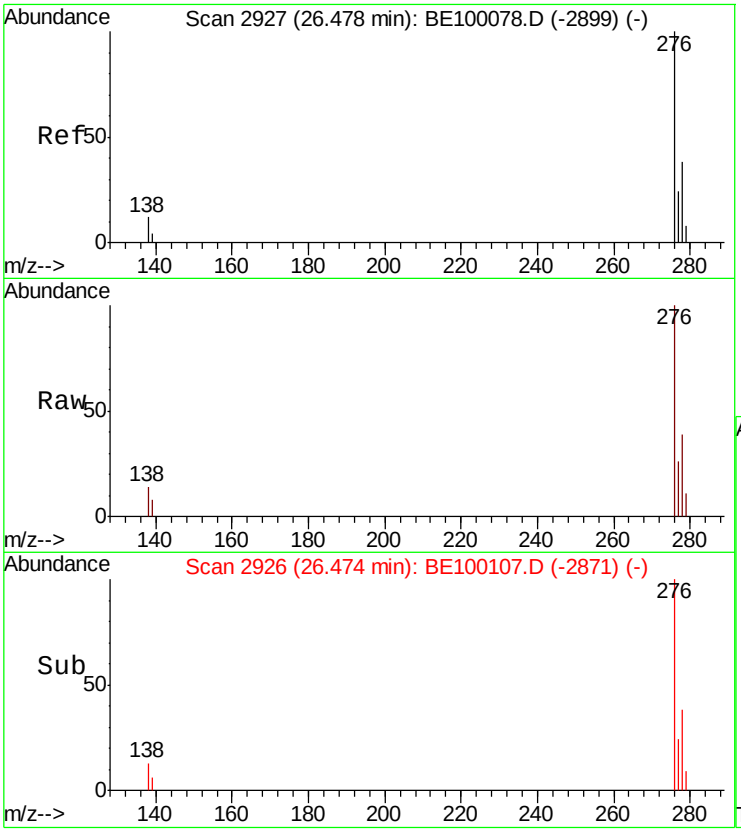


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.476 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Tgt Ion:149 Resp: 9914

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.8	8.6
279	1.4	1.1	1.7



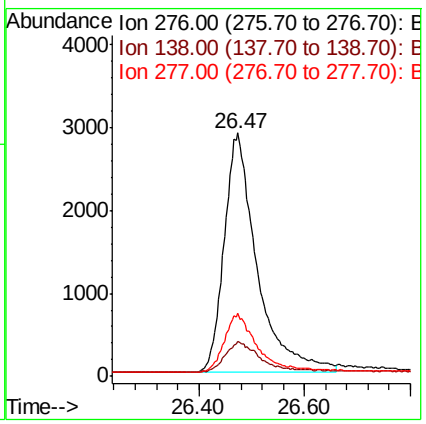


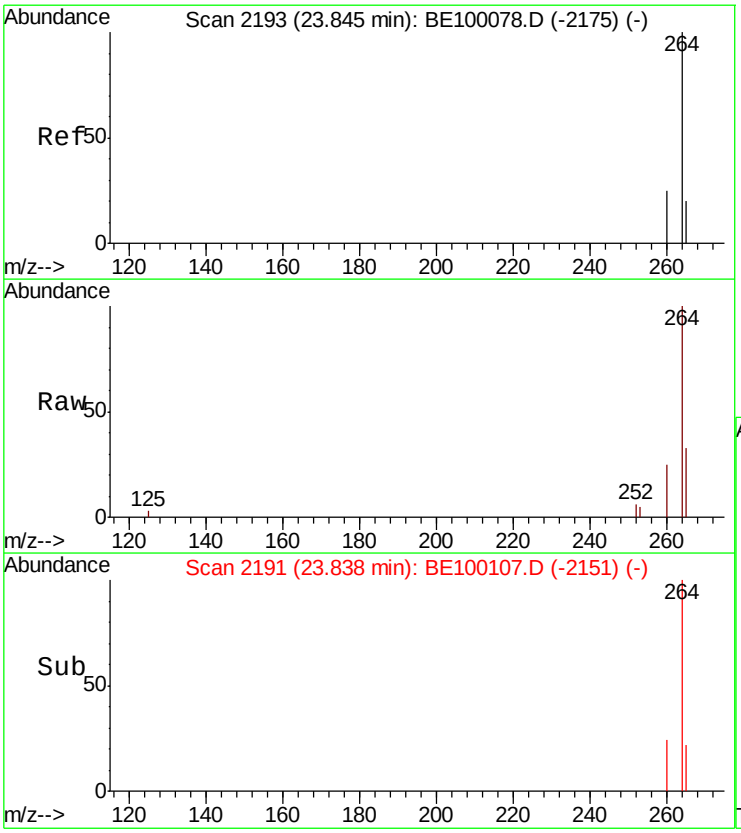
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.433 ng
RT: 26.47 min Scan# 2926
Delta R.T. -0.00 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Instrument :
BNA_E
ClientSampleId :
PB120562BS

Tgt Ion:276 Resp: 12490

Ion	Ratio	Lower	Upper
276	100		
138	12.8	4.3	6.5#
277	24.2	19.4	29.0

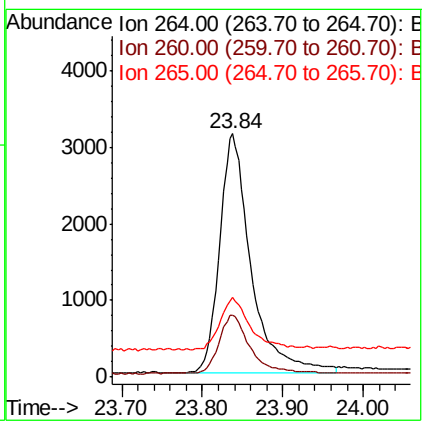


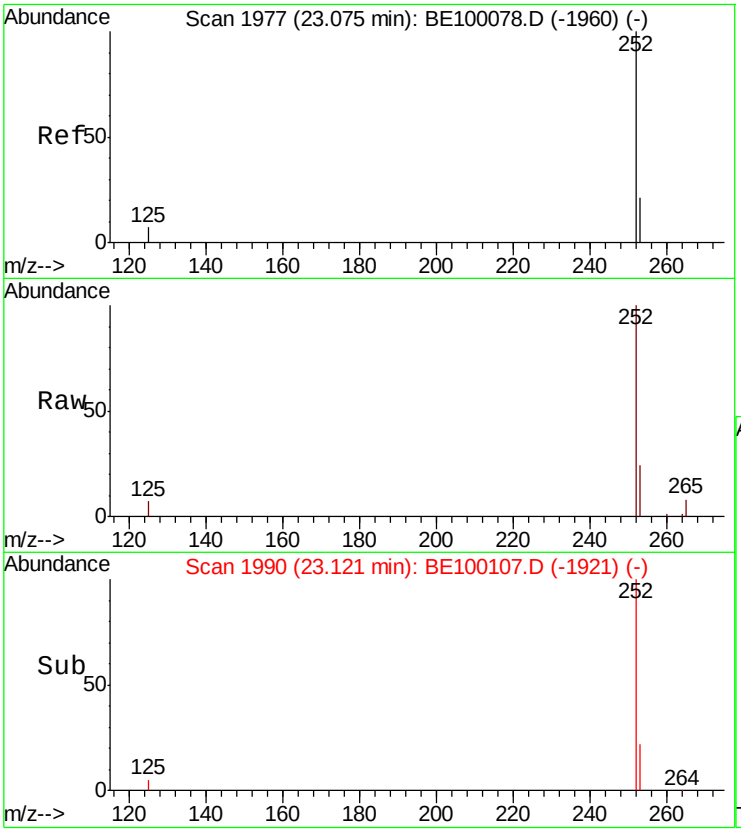


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Tgt Ion:264 Resp: 8377

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.8	31.2
265	32.6	23.2	34.8



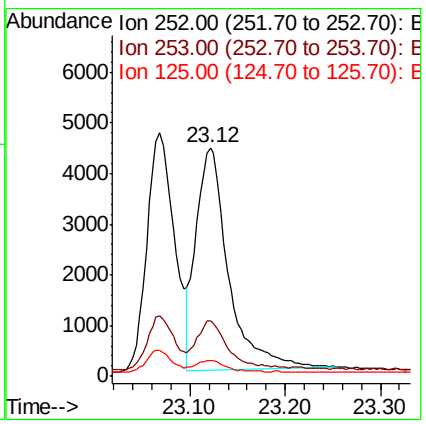


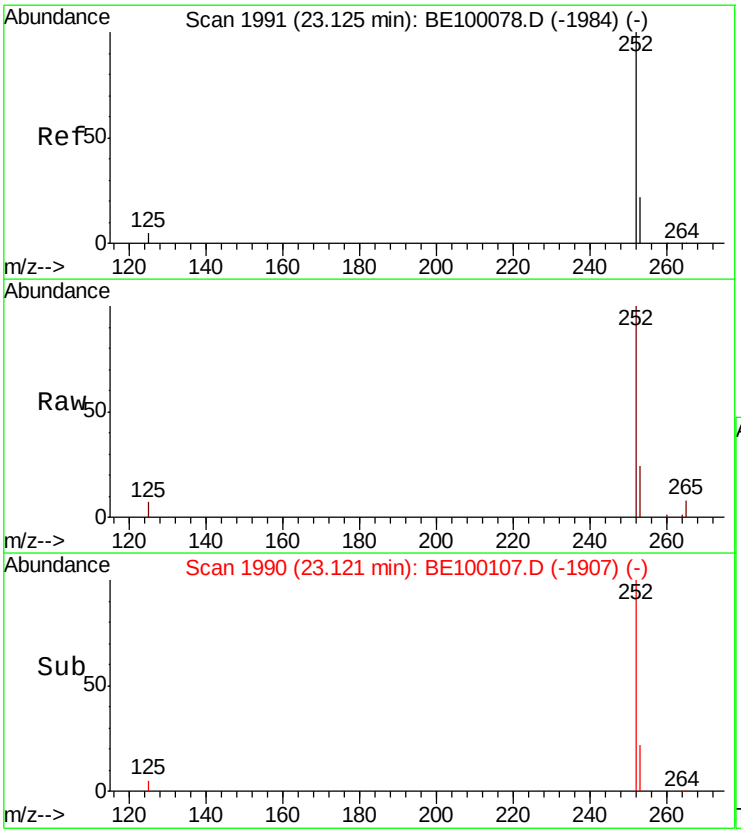
#35
Benzo(b)fluoranthene
Concen: 0.420 ng
RT: 23.12 min Scan# 1990
Delta R.T. 0.05 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Instrument :
BNA_E
ClientSampleId :
PB120562BS

Tgt Ion:252 Resp: 10329

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.4	27.6
125	6.8	6.4	9.6

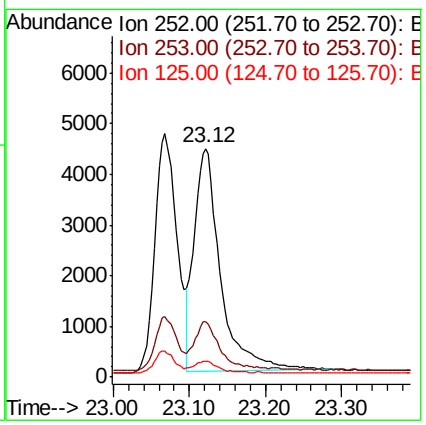


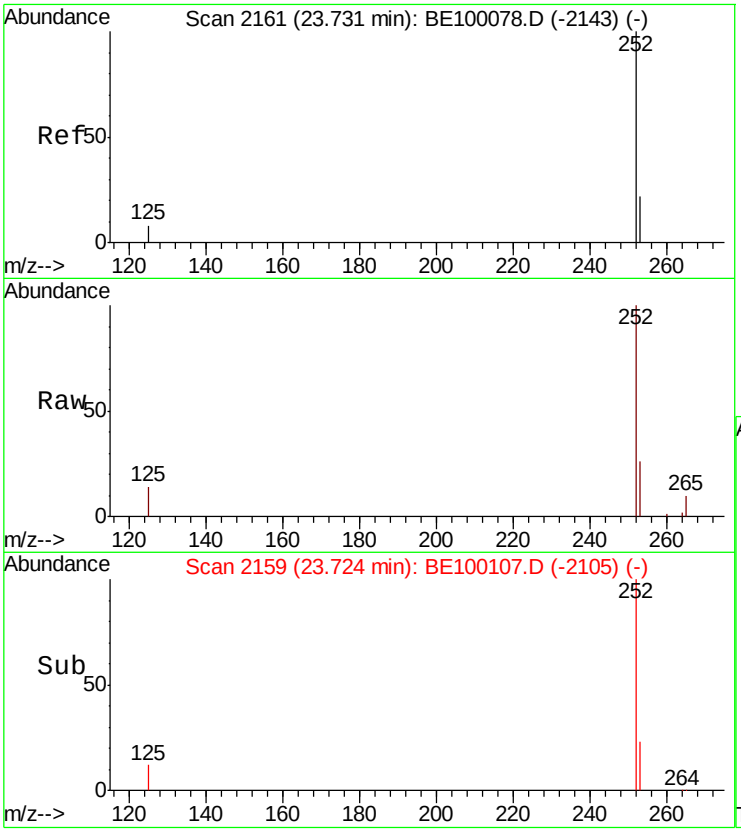


#36
Benzo(k)fluoranthene
Concen: 0.384 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Tgt Ion:252 Resp: 10751

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.9	28.3
125	6.8	5.3	7.9



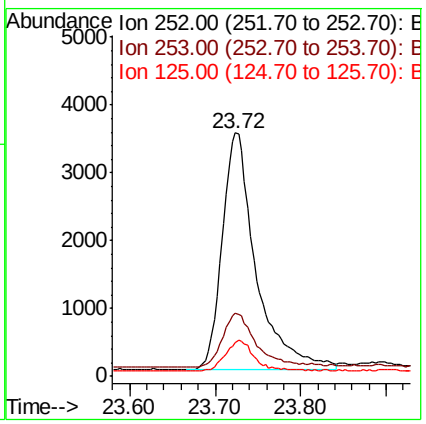


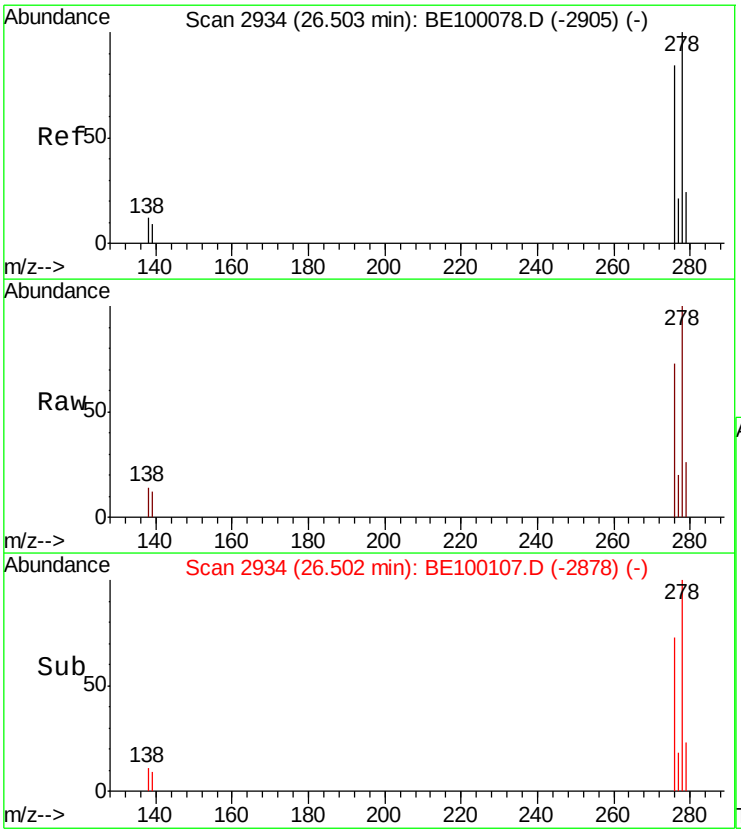
#37
Benzo(a)pyrene
Concen: 0.405 ng
RT: 23.72 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Instrument :
BNA_E
ClientSampleId :
PB120562BS

Tgt Ion:252 Resp: 9618

Ion	Ratio	Lower	Upper
252	100		
253	26.1	19.4	29.2
125	13.8	8.0	12.0#

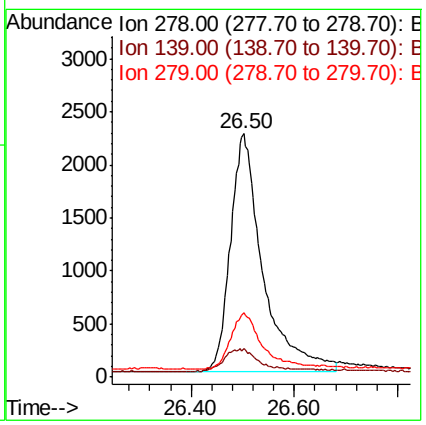


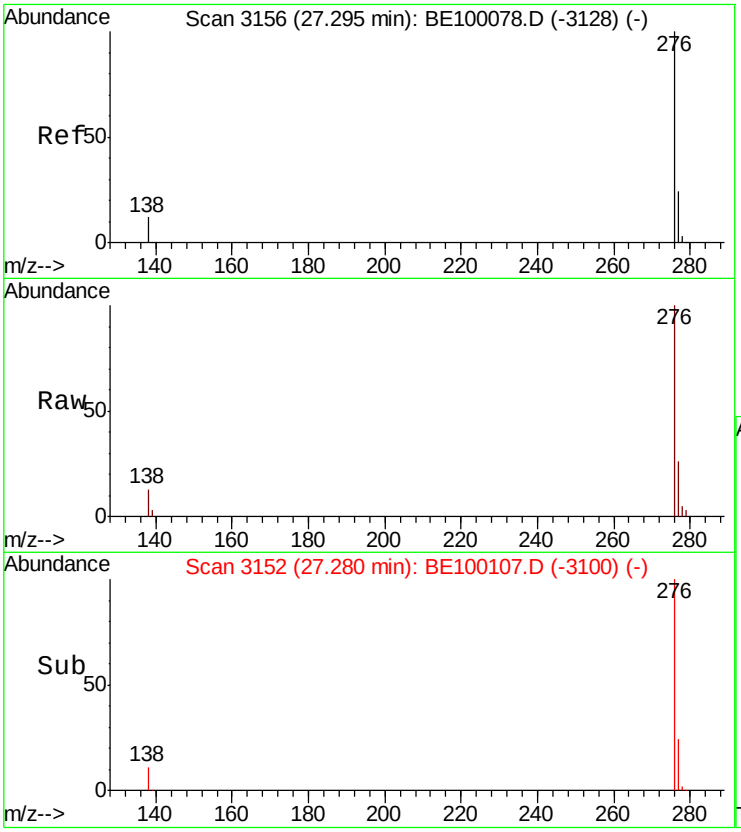


#38
Dibenzo(a,h)anthracene
Concen: 0.406 ng
RT: 26.50 min Scan# 2934
Delta R.T. -0.00 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Tgt Ion:278 Resp: 9871

Ion	Ratio	Lower	Upper
278	100		
139	11.8	9.0	13.6
279	26.2	21.4	32.0





#39
Benzo(g,h,i)perylene
Concen: 0.416 ng
RT: 27.28 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BE100107.D
Acq: 20 Jun 2019 14:14

Instrument :
BNA_E
ClientSampleId :
PB120562BS

Tgt Ion:276 Resp: 10516

Ion	Ratio	Lower	Upper
276	100		
277	25.7	20.3	30.5
138	13.4	11.3	16.9