Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062619\
Data File : BE100192.D
Acq On : 26 Jun 2019 13:18
Operator : JU/SJ
Sample : PB120737BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB120737BSD

Quant Time: Jun 27 04:43:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 15:40:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	578	0.40	ng		0.00
7) Naphthalene-d8	10.47	136	1979	0.40	ng		0.00
13) Acenaphthene-d10	14.34	164	1520	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	4599	0.40	ng		0.00
27) Chrysene-d12	21.28	240	7446	0.40	ng		0.00
34) Perylene-d12	23.72	264	8216	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	538	0.42	ng		0.00
5) Phenol-d6	6.86	99	717	0.41	ng		-0.01
8) Nitrobenzene-d5	8.85	82	765	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.08	152	1458	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	345	0.39	ng		0.00
15) 2-Fluorobiphenyl	12.97	172	2581	0.42	ng		0.00
25) Fluoranthene-d10	19.13	212	25867	0.39	ng		0.00
29) Terphenyl-d14	19.73	244	5243	0.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	354	0.391	ng		99
3) n-Nitrosodimethylamine	3.50	42	98	0.293	ng	#	1
6) bis(2-Chloroethyl)ether	7.11	93	623	0.385	ng	#	90
9) Naphthalene	10.51	128	9242	0.428	ng		98
10) Hexachlorobutadiene	10.78	225	941	0.422	ng		99
12) 2-Methylnaphthalene	12.15	142	1437	0.413	ng		94
16) Acenaphthylene	14.07	152	3230	0.436	ng		98
17) Acenaphthene	14.41	154	1664	0.401	ng		94
18) Fluorene	15.39	166	2571	0.428	ng		100
20) 4-Bromophenyl-phenylether	16.29	248	1192	0.418	ng	#	92
21) Hexachlorobenzene	16.40	284	1324	0.423	ng		97
22) Pentachlorophenol	16.75	266	2524	2.664	ng	#	77
23) Phenanthrene	17.13	178	4715	0.433	ng		99
24) Anthracene	17.23	178	3901	0.424	ng		98
26) Fluoranthene	19.16	202	7498	0.423	ng		100
28) Pyrene	19.52	202	7555	0.396	ng		100
30) Benzo(a)anthracene	21.26	228	8607	0.392	ng		97
31) Chrysene	21.32	228	9523	0.370	ng		100
32) Bis(2-ethylhexyl)phthalate	21.18	149	7124	0.282	ng		99
33) Indeno(1,2,3-cd)pyrene	26.31	276	12046	0.329	ng	#	93
35) Benzo(b)fluoranthene	22.97	252	9658	0.437	ng	#	93
36) Benzo(k)fluoranthene	23.02	252	10725	0.406	ng		100
37) Benzo(a)pyrene	23.61	252	9844	0.430	ng	#	88
38) Dibenzo(a,h)anthracene	26.33	278	9142	0.373	ng		99
39) Benzo(g,h,i)perylene	27.10	276	9883	0.386	ng		98

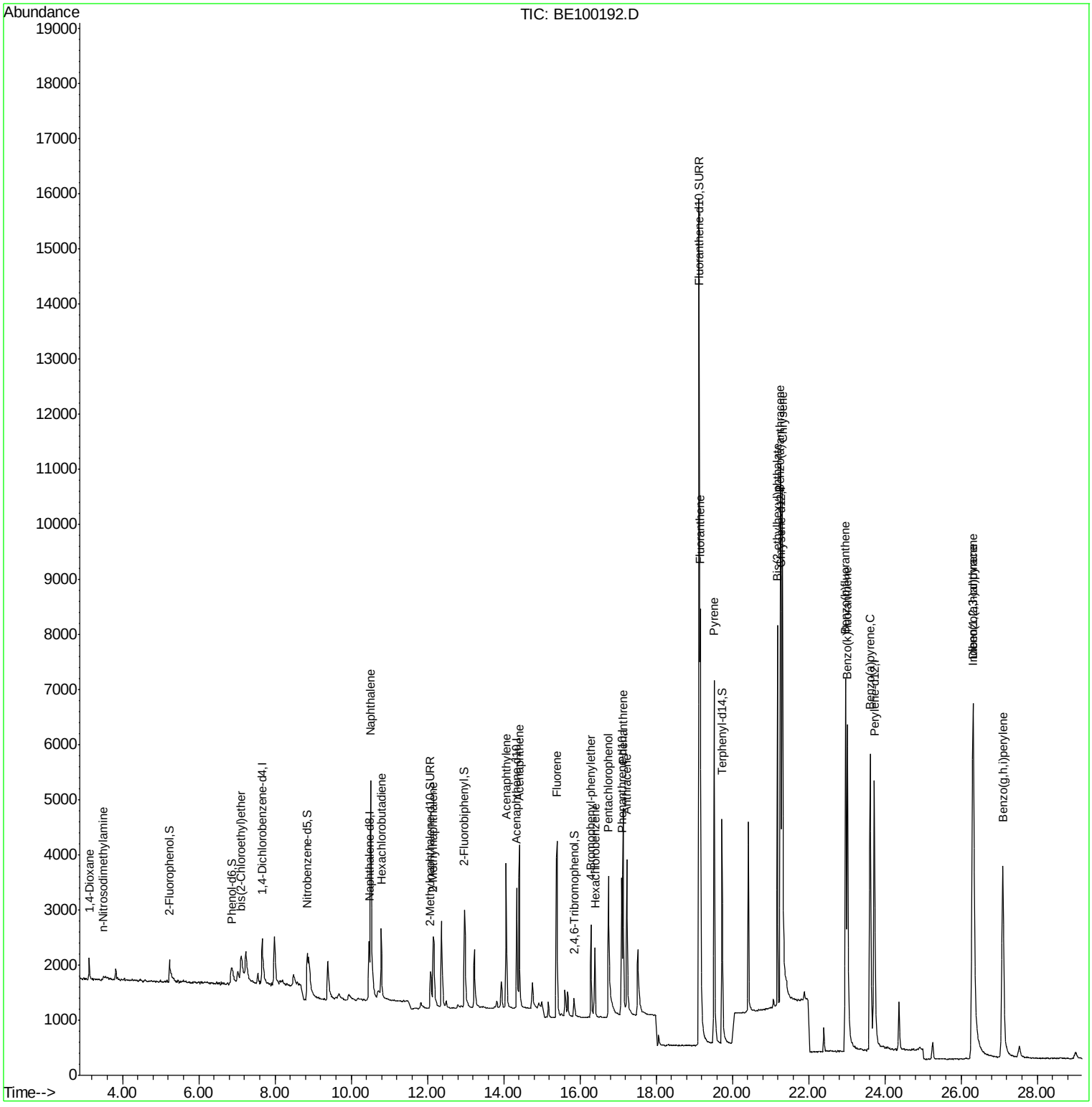
(#) = qualifier out of range (m) = manual integration (+) = signals summed

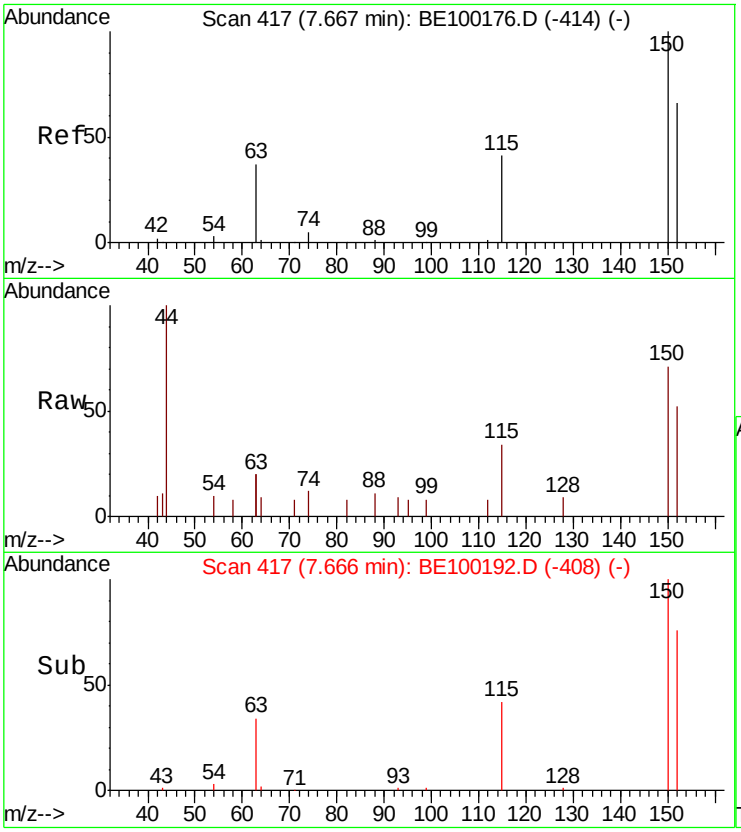
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062619\
Data File : BE100192.D
Acq On : 26 Jun 2019 13:18
Operator : JU/SJ
Sample : PB120737BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB120737BSD

Quant Time: Jun 27 04:43:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 15:40:27 2019
Response via : Initial Calibration



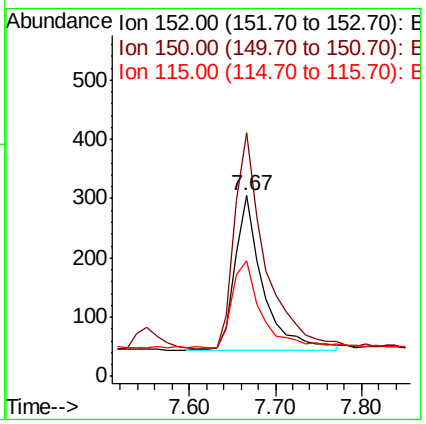


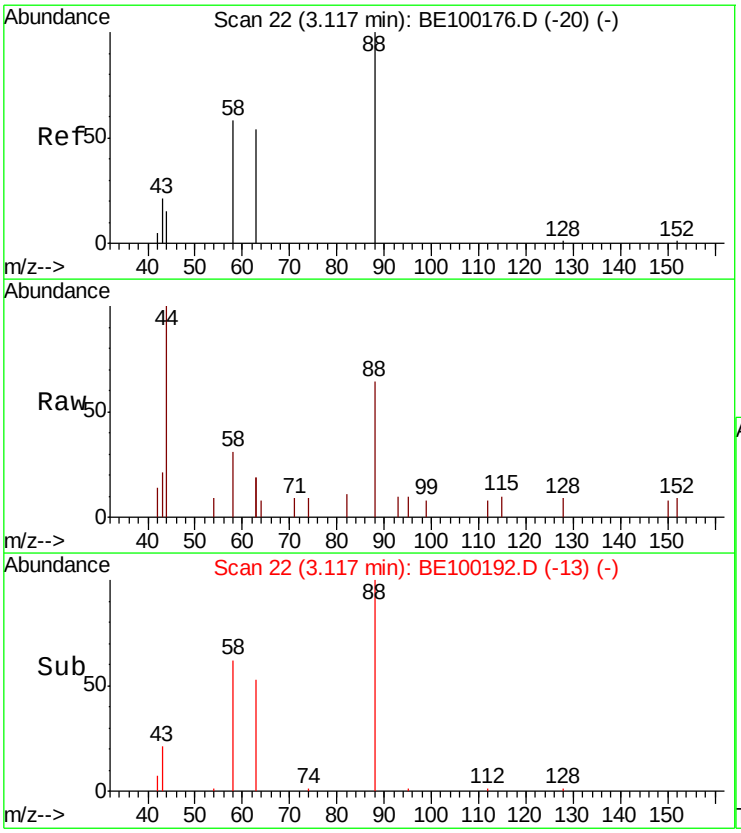
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.67 min Scan# 417
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Instrument :
BNA_E
ClientSampleId :
PB120737BSD

Tgt Ion:152 Resp: 578

Ion	Ratio	Lower	Upper
152	100		
150	134.8	113.4	170.2
115	63.9	55.8	83.6

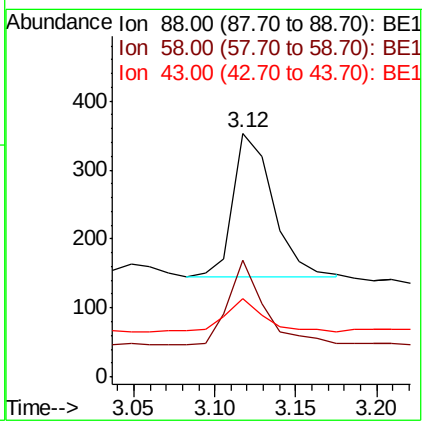


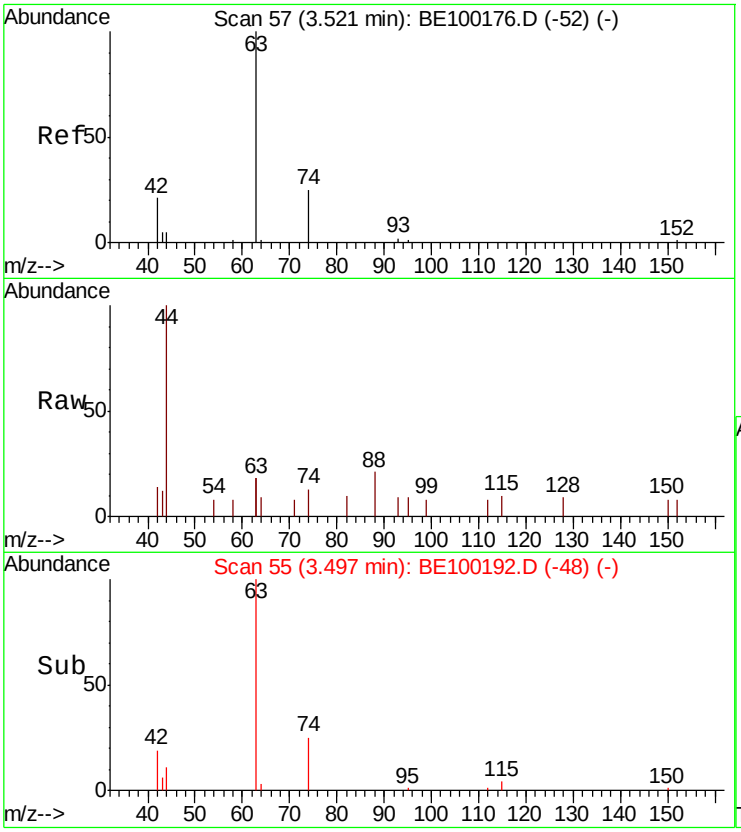


#2
1,4-Dioxane
Concen: 0.391 ng
RT: 3.12 min Scan# 22
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Tgt Ion: 88 Resp: 354

Ion	Ratio	Lower	Upper
88	100		
58	54.2	43.8	65.6
43	22.9	19.4	29.2



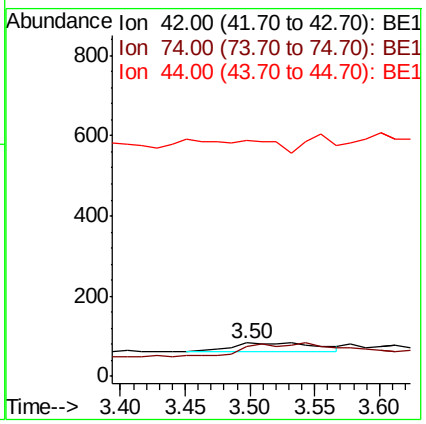


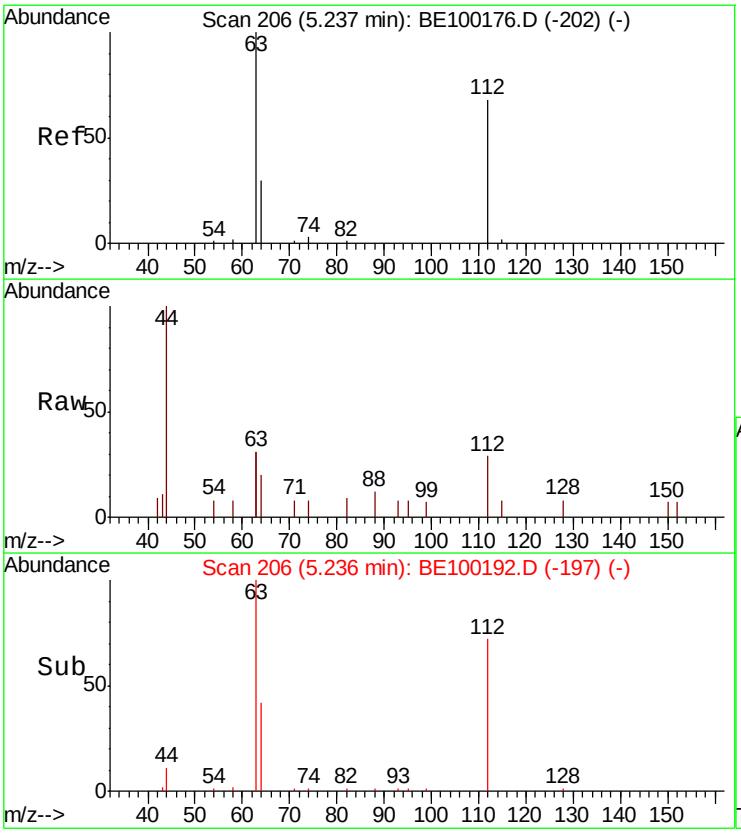
#3
n-Nitrosodimethylamine
Concen: 0.293 ng
RT: 3.50 min Scan# 55
Delta R.T. -0.02 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Instrument :
BNA_E
ClientSampleId :
PB120737BSD

Tgt Ion: 42 Resp: 98

Ion	Ratio	Lower	Upper
42	100		
74	0.0	193.2	289.8#
44	0.0	114.5	171.7#

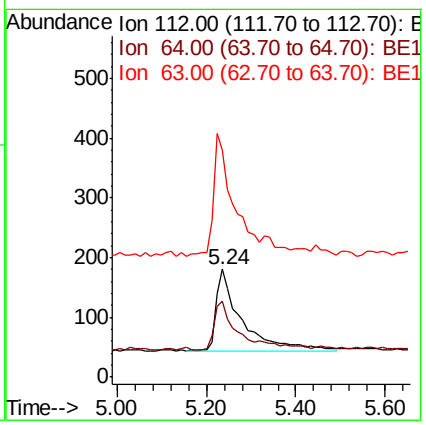


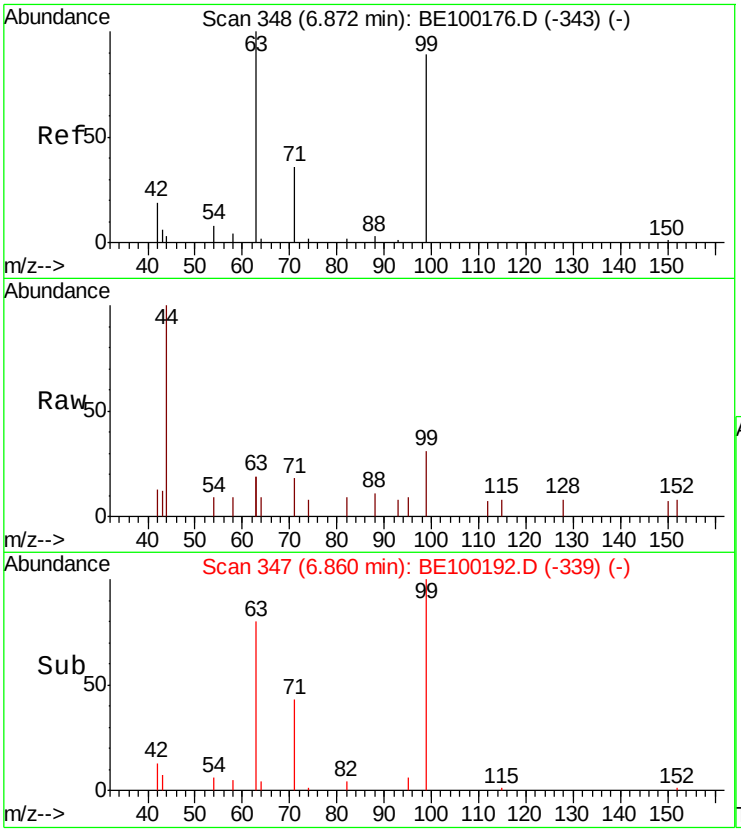


#4
2-Fluorophenol
Concen: 0.419 ng
RT: 5.24 min Scan# 206
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Tgt Ion:112 Resp: 538

Ion	Ratio	Lower	Upper
112	100		
64	54.3	40.7	61.1
63	132.3	93.2	139.8



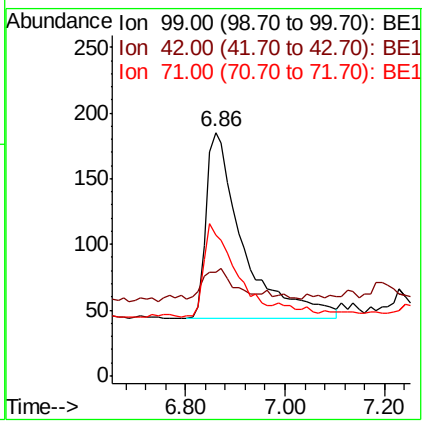


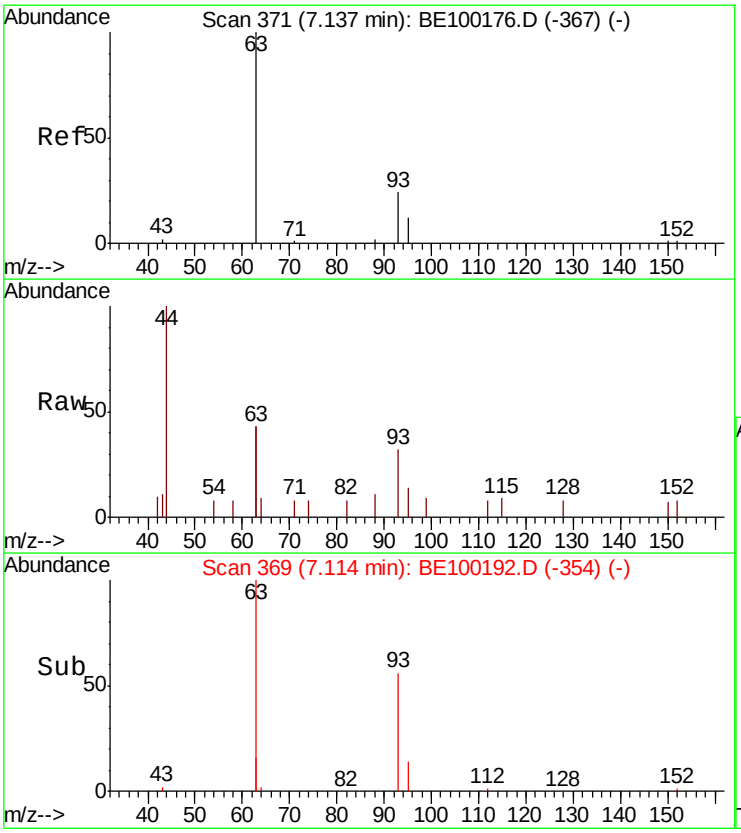
#5
Phenol-d6
Concen: 0.406 ng
RT: 6.86 min Scan# 347
Delta R.T. -0.01 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Instrument :
BNA_E
ClientSampleId :
PB120737BSD

Tgt Ion: 99 Resp: 717

Ion	Ratio	Lower	Upper
99	100		
42	0.0	10.4	15.6#
71	42.8	32.4	48.6

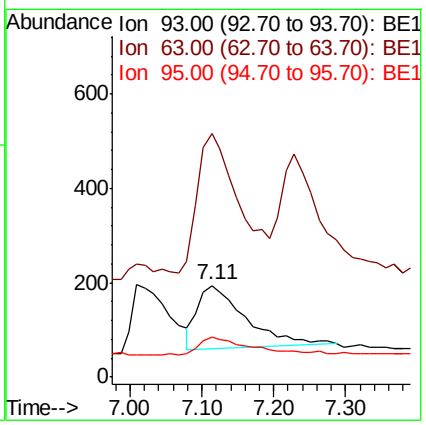


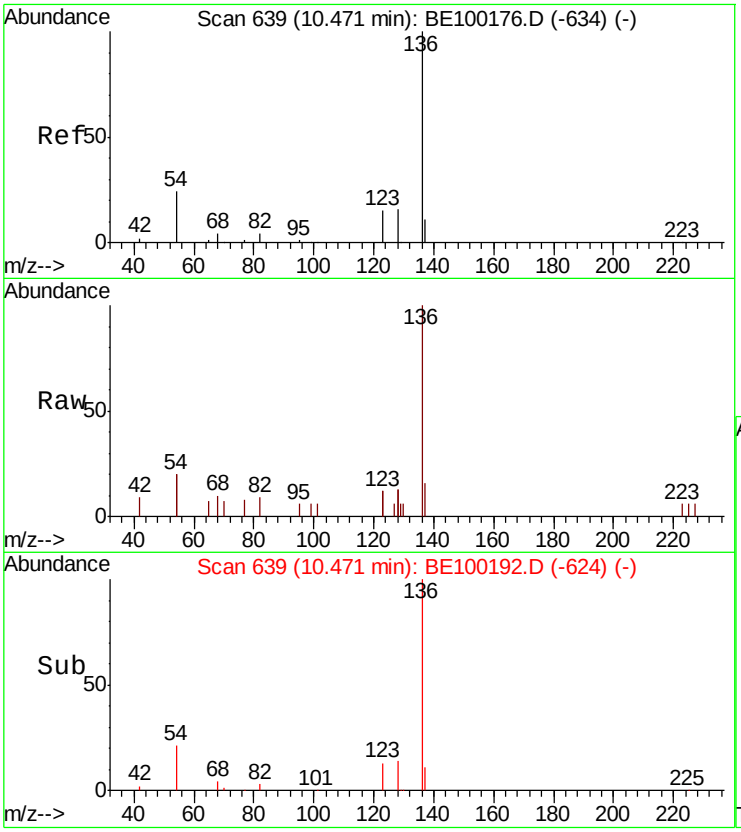


#6
bis(2-Chloroethyl)ether
Concen: 0.385 ng
RT: 7.11 min Scan# 369
Delta R.T. -0.02 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Tgt Ion: 93 Resp: 623

Ion	Ratio	Lower	Upper
93	100		
63	192.3	0.0	0.0#
95	31.6	21.0	31.6#



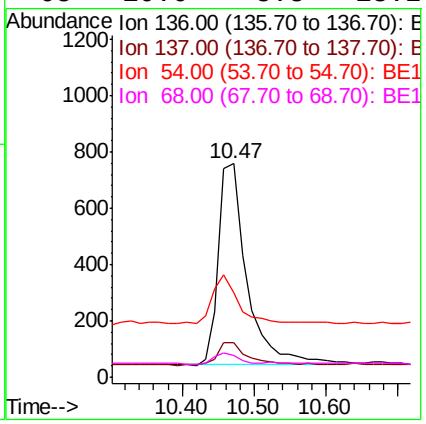


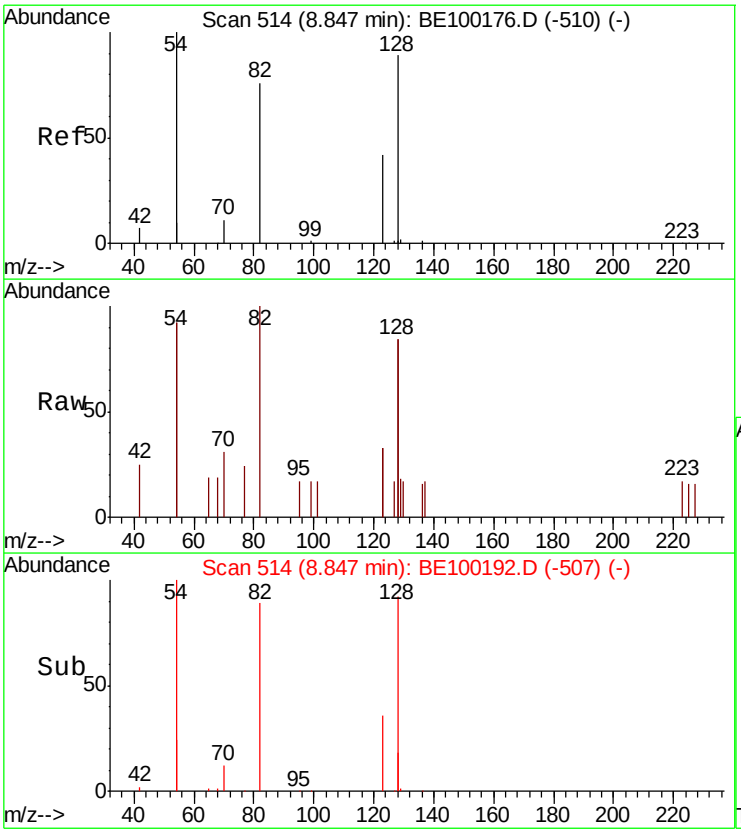
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 639
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Instrument :
BNA_E
ClientSampleId :
PB120737BSD

Tgt Ion:136 Resp: 1979

Ion	Ratio	Lower	Upper
136	100		
137	15.9	13.8	20.8
54	39.5	35.4	53.2
68	10.0	8.8	13.2

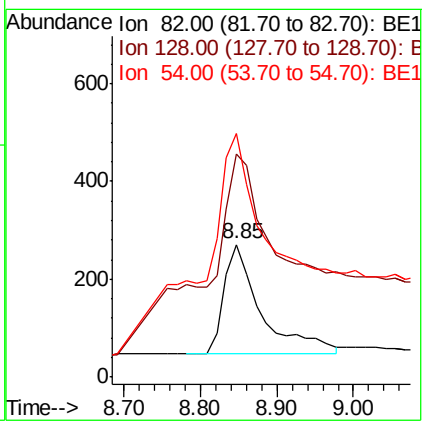


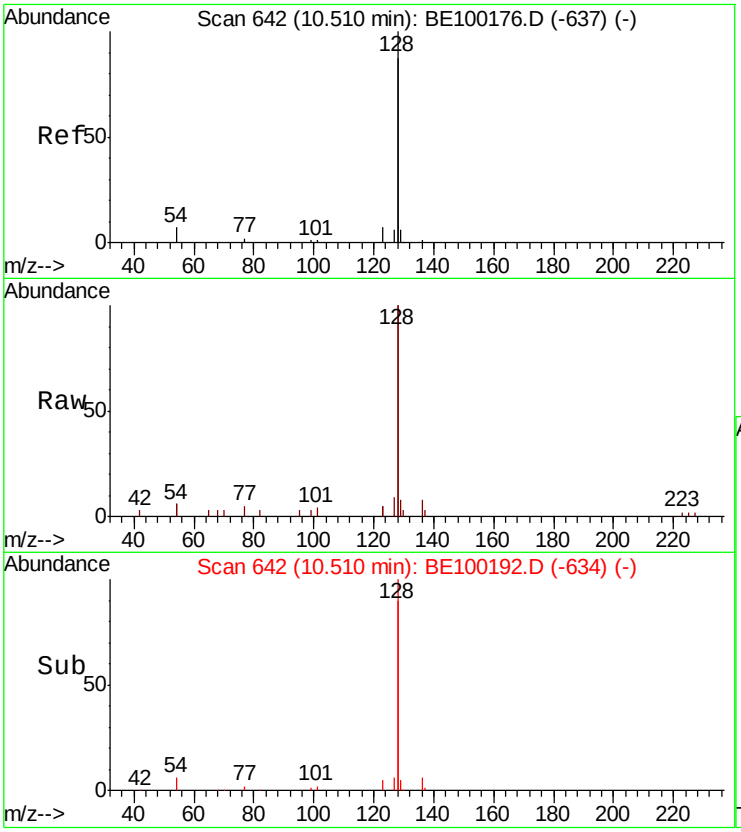


#8
Nitrobenzene-d5
Concen: 0.388 ng
RT: 8.85 min Scan# 514
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Tgt Ion: 82 Resp: 765

Ion	Ratio	Lower	Upper
82	100		
128	168.3	144.6	217.0
54	183.8	163.0	244.6



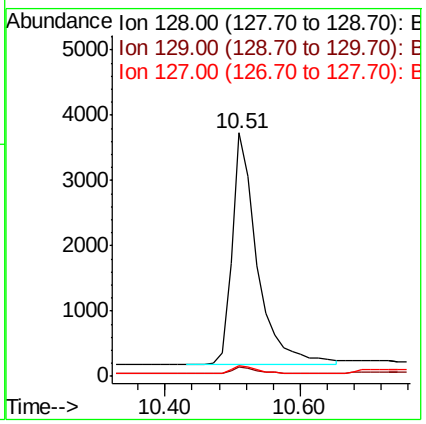


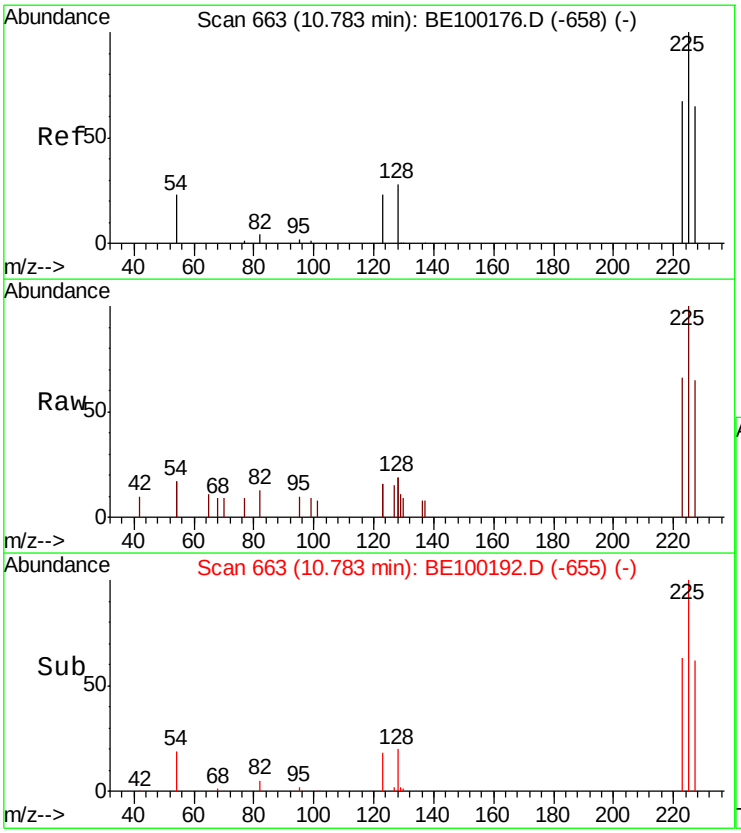
#9
Naphthalene
Concen: 0.428 ng
RT: 10.51 min Scan# 642
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Instrument :
BNA_E
ClientSampleId :
PB120737BSD

Tgt Ion:128 Resp: 9242

Ion	Ratio	Lower	Upper
128	100		
129	3.9	3.6	5.4
127	4.3	3.8	5.8

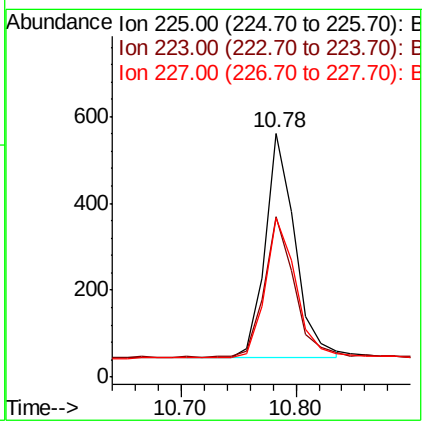


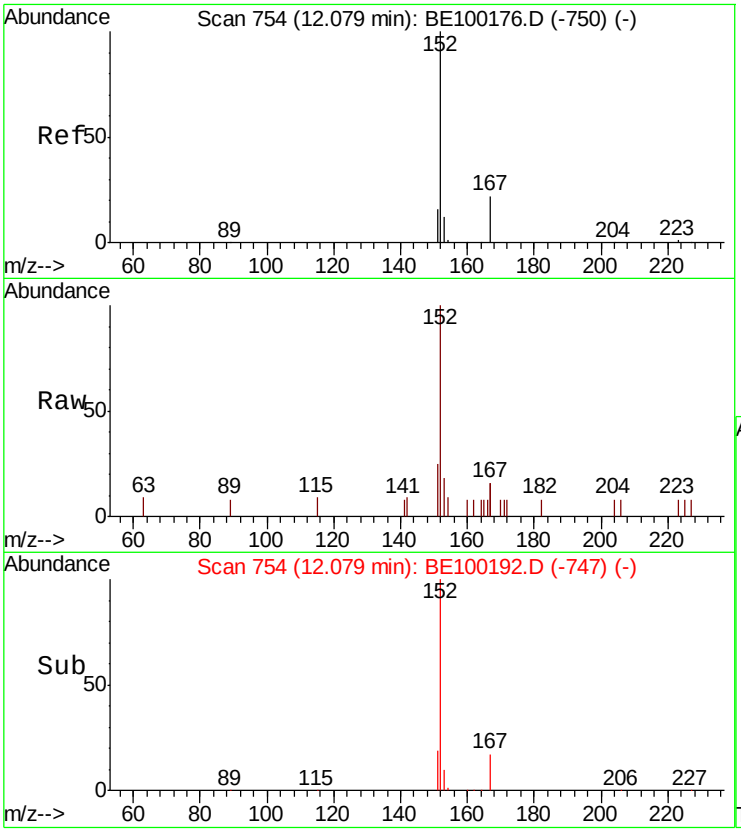


#10
Hexachlorobutadiene
Concen: 0.422 ng
RT: 10.78 min Scan# 663
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Tgt Ion:225 Resp: 941

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.1	75.1
227	64.2	50.9	76.3



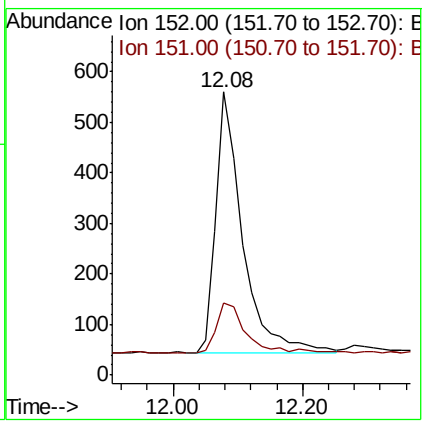


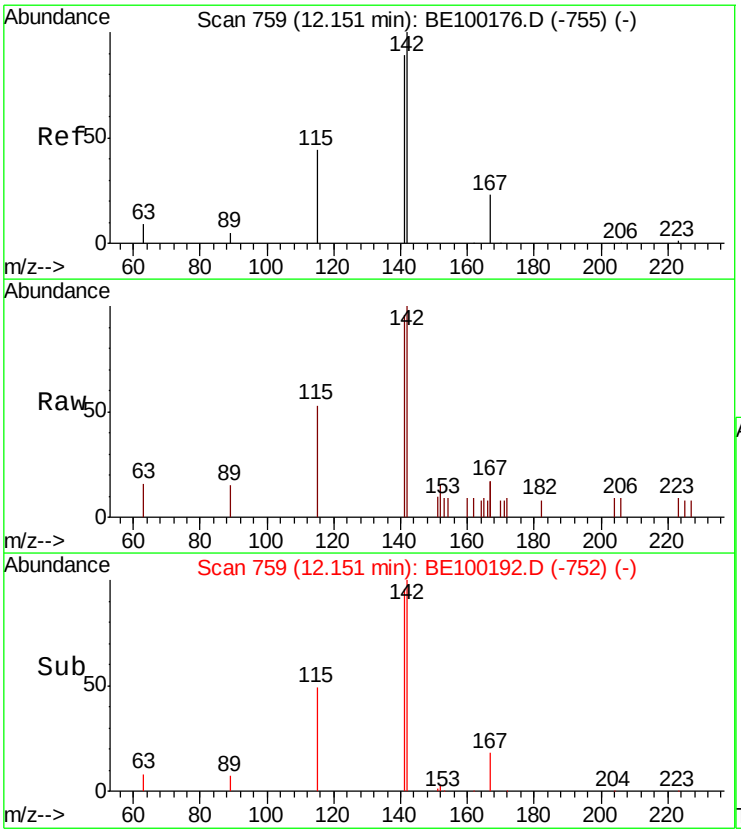
#11
2-Methylnaphthalene-d10
Concen: 0.393 ng
RT: 12.08 min Scan# 754
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Instrument :
BNA_E
ClientSampleId :
PB120737BSD

Tgt Ion:152 Resp: 1458

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5

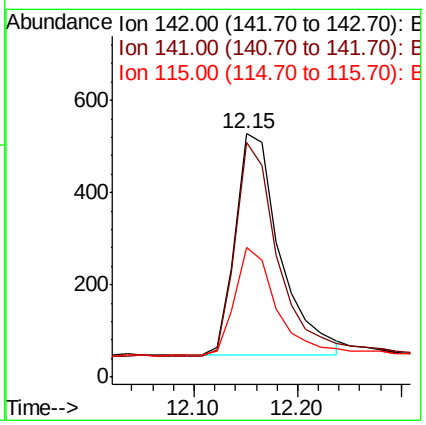


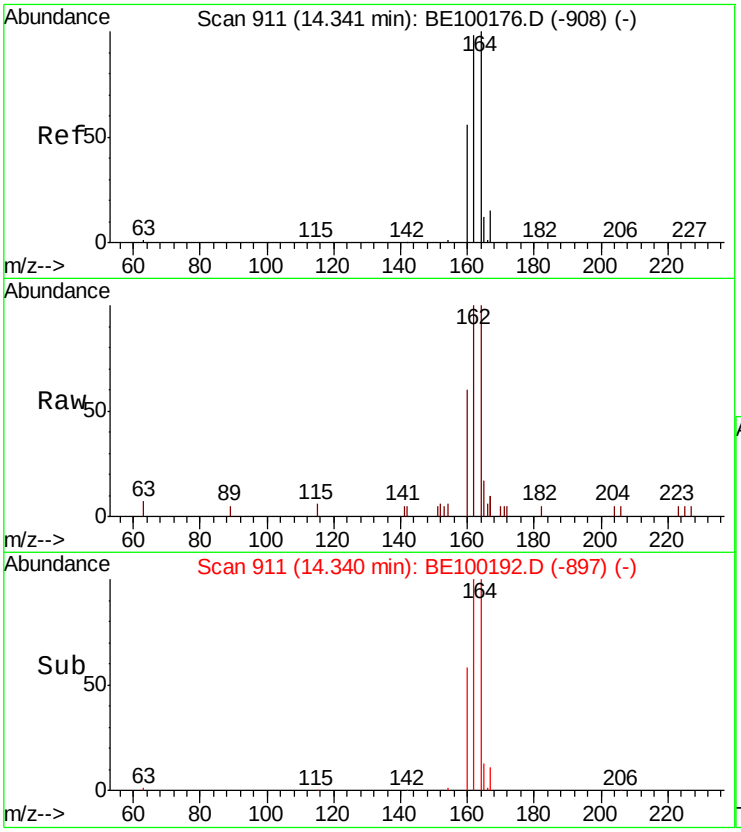


#12
2-Methylnaphthalene
Concen: 0.413 ng
RT: 12.15 min Scan# 759
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Tgt Ion:142 Resp: 1437

Ion	Ratio	Lower	Upper
142	100		
141	96.4	71.8	107.8
115	53.0	40.4	60.6



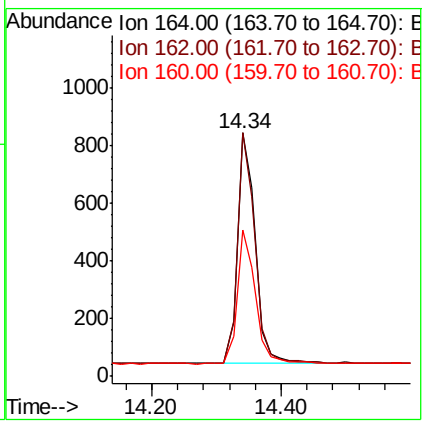


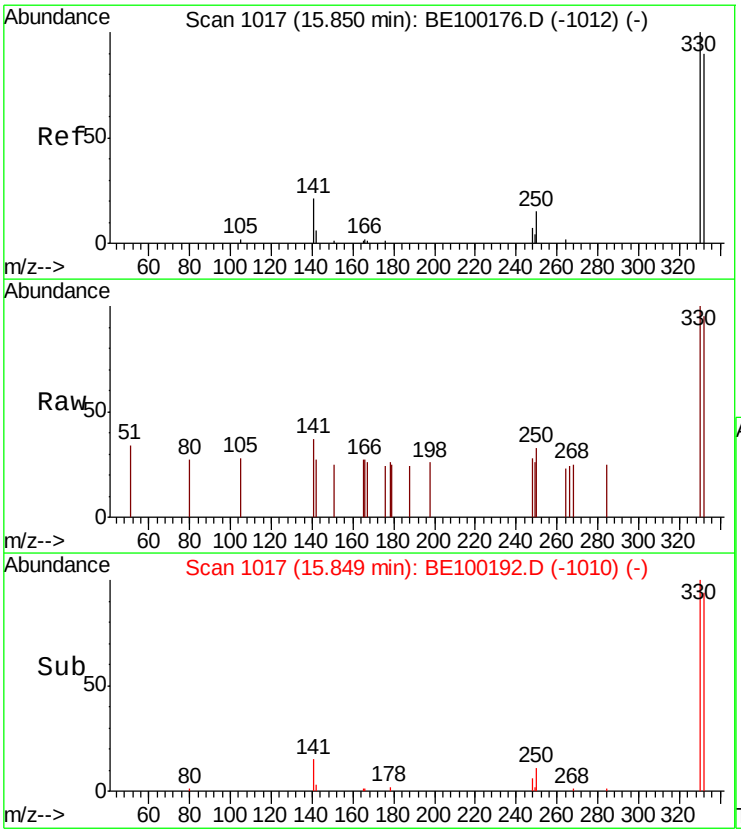
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 911
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Instrument :
BNA_E
ClientSampleId :
PB120737BSD

Tgt Ion:164 Resp: 1520

Ion	Ratio	Lower	Upper
164	100		
162	100.0	78.6	118.0
160	60.0	46.9	70.3

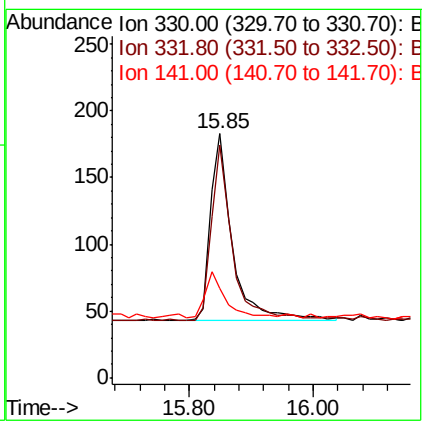


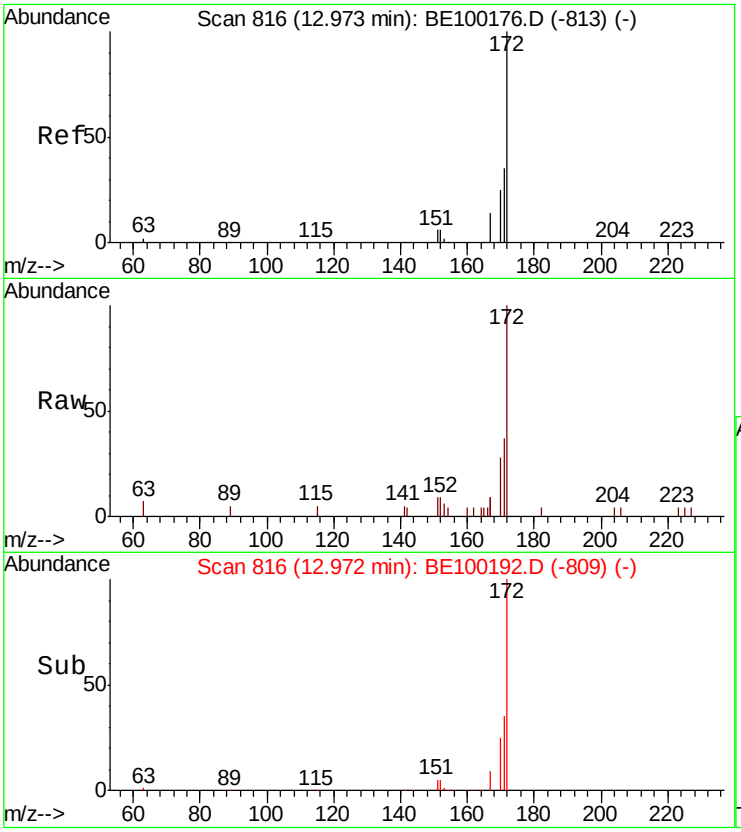


#14
2,4,6-Tribromophenol
Concen: 0.392 ng
RT: 15.85 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Tgt Ion:330 Resp: 345

Ion	Ratio	Lower	Upper
330	100		
332	89.3	77.7	116.5
141	22.6	18.9	28.3



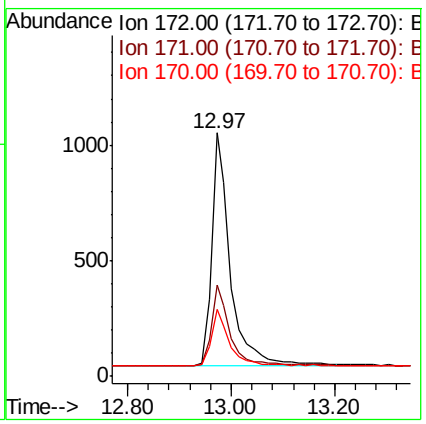


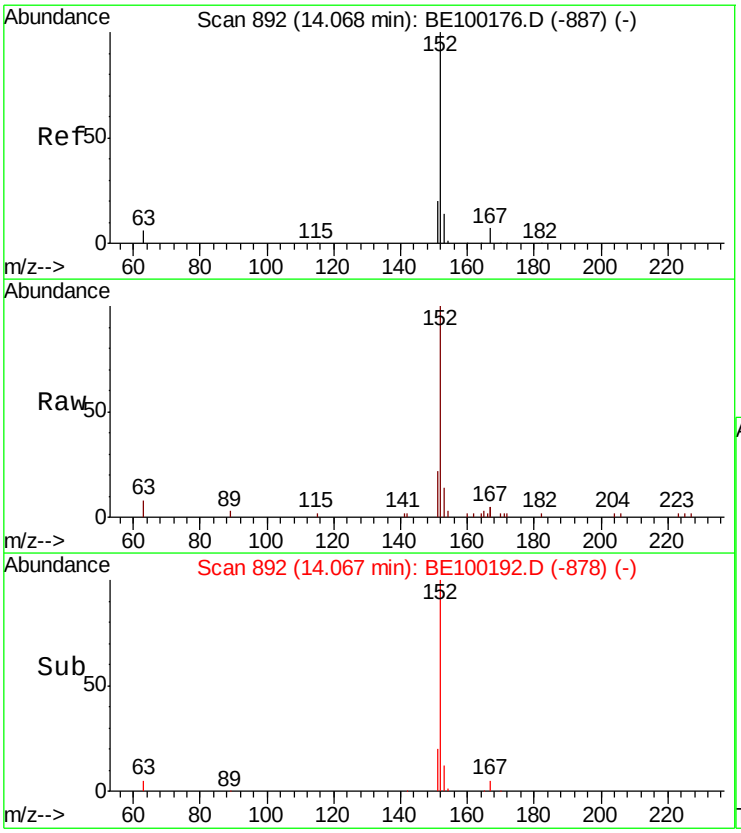
#15
2-Fluorobiphenyl
Concen: 0.423 ng
RT: 12.97 min Scan# 816
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Instrument :
BNA_E
ClientSampleId :
PB120737BSD

Tgt Ion:172 Resp: 2581

Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.0	46.4
170	27.7	23.9	35.9

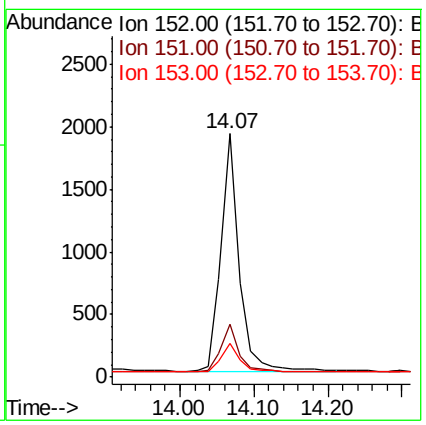


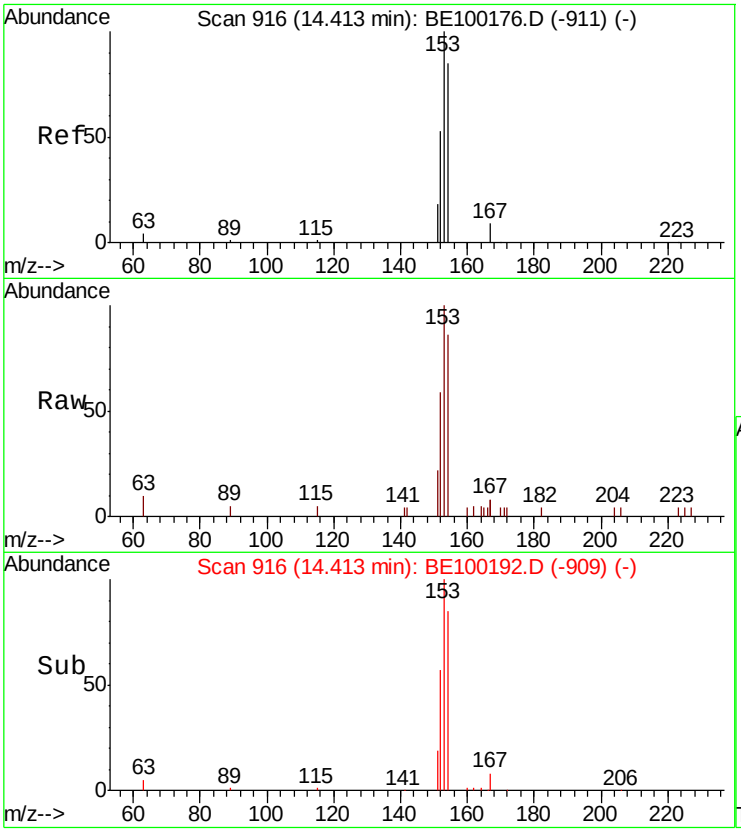


#16
Acenaphthylene
Concen: 0.436 ng
RT: 14.07 min Scan# 892
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Tgt Ion:152 Resp: 3230

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.4	23.0
153	12.5	10.8	16.2



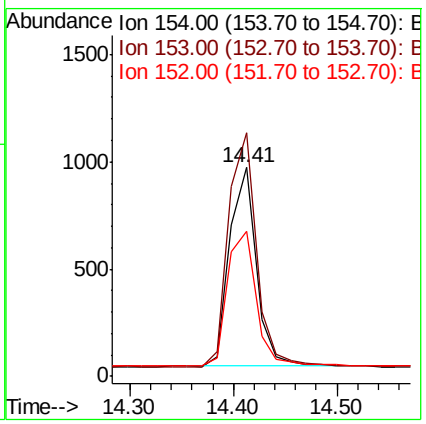


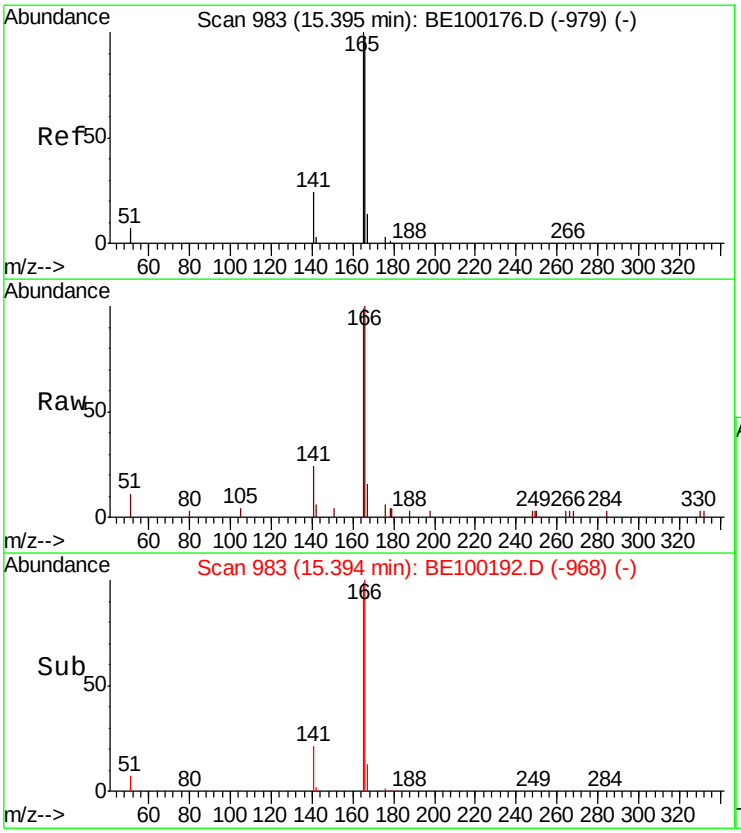
#17
Acenaphthene
Concen: 0.401 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Instrument :
BNA_E
ClientSampleId :
PB120737BSD

Tgt Ion:154 Resp: 1664

Ion	Ratio	Lower	Upper
154	100		
153	123.6	95.3	142.9
152	73.5	52.9	79.3

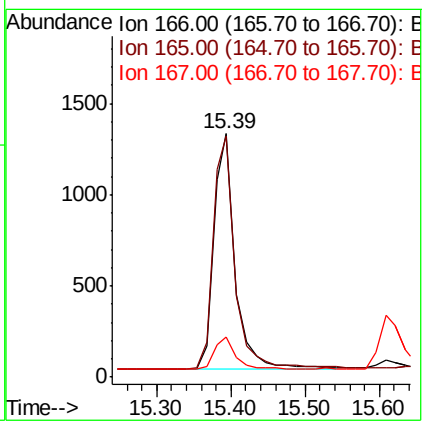


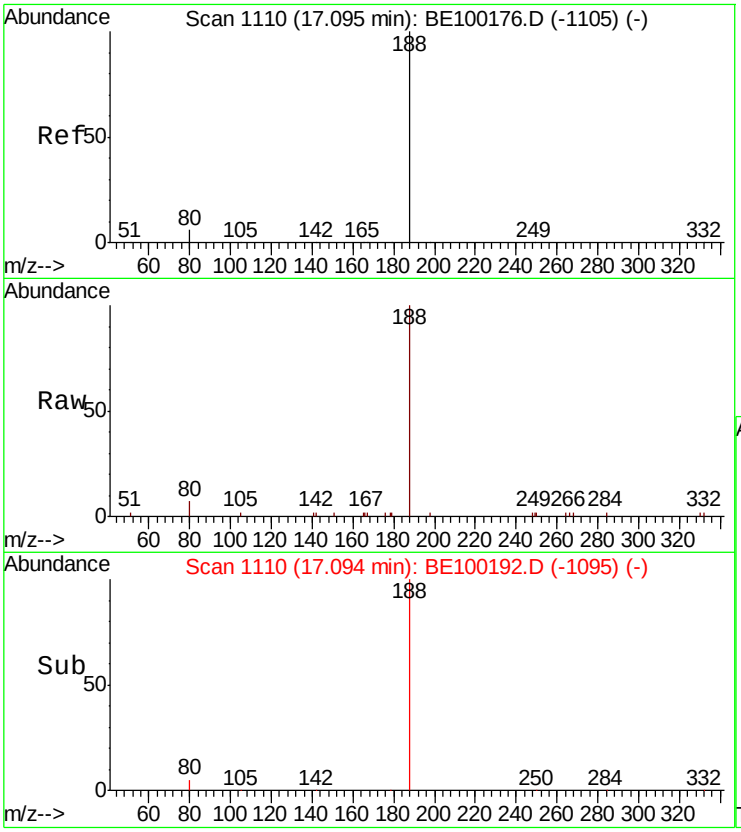


#18
Fluorene
Concen: 0.428 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Tgt Ion:166 Resp: 2571

Ion	Ratio	Lower	Upper
166	100		
165	101.6	81.0	121.4
167	13.7	11.4	17.0



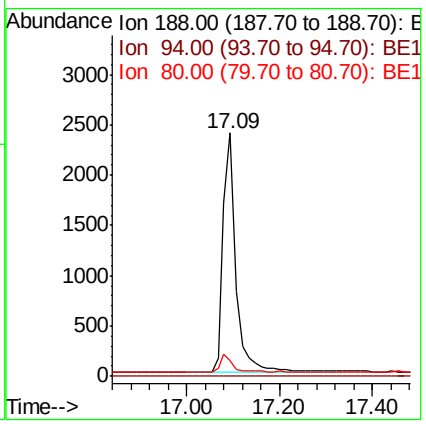


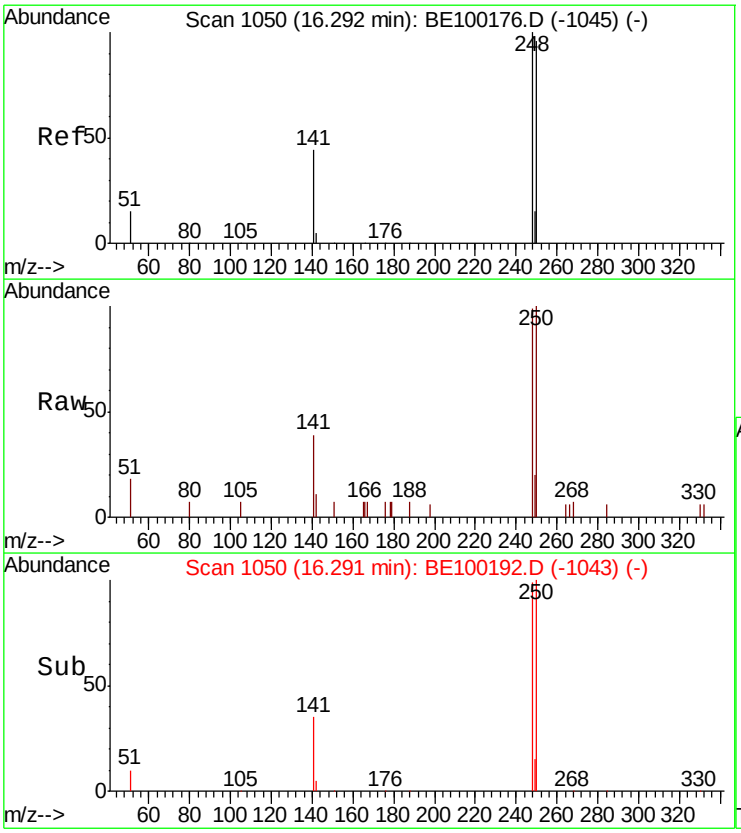
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Instrument :
BNA_E
ClientSampleId :
PB120737BSD

Tgt Ion:188 Resp: 4599

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.6	6.4	9.6

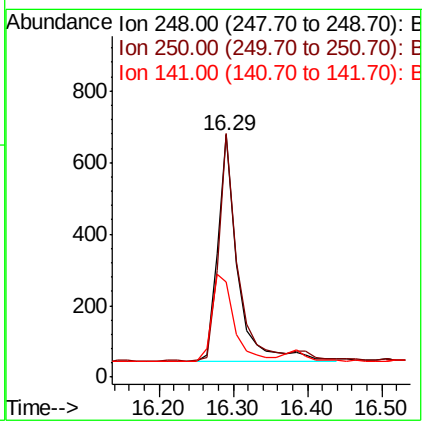


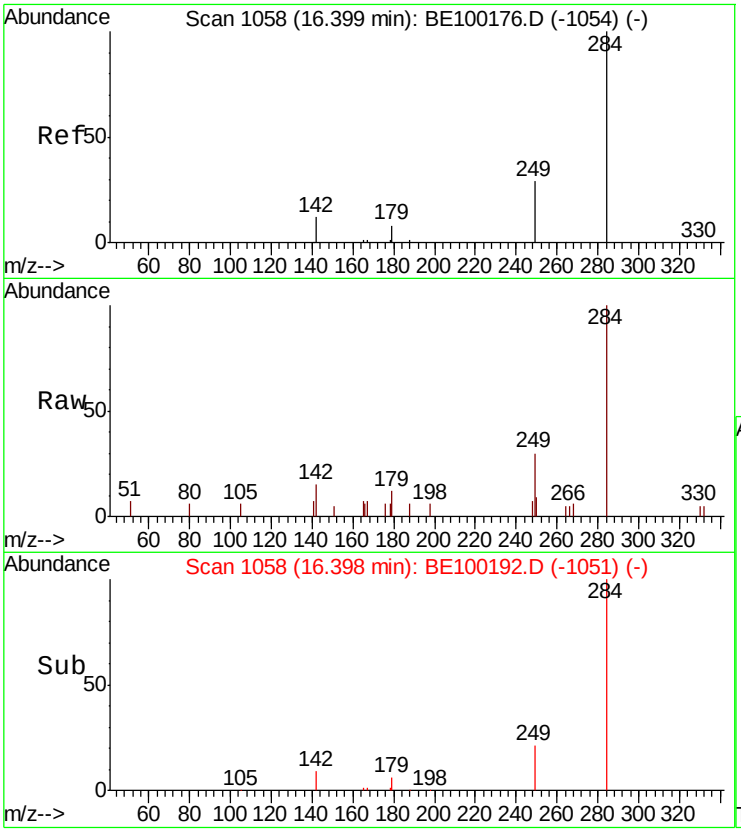


#20
4-Bromophenyl-phenylether
Concen: 0.418 ng
RT: 16.29 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Tgt Ion:248 Resp: 1192

Ion	Ratio	Lower	Upper
248	100		
250	100.7	77.1	115.7
141	39.3	39.5	59.3#



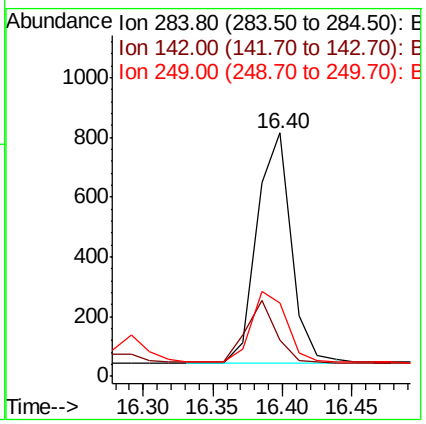


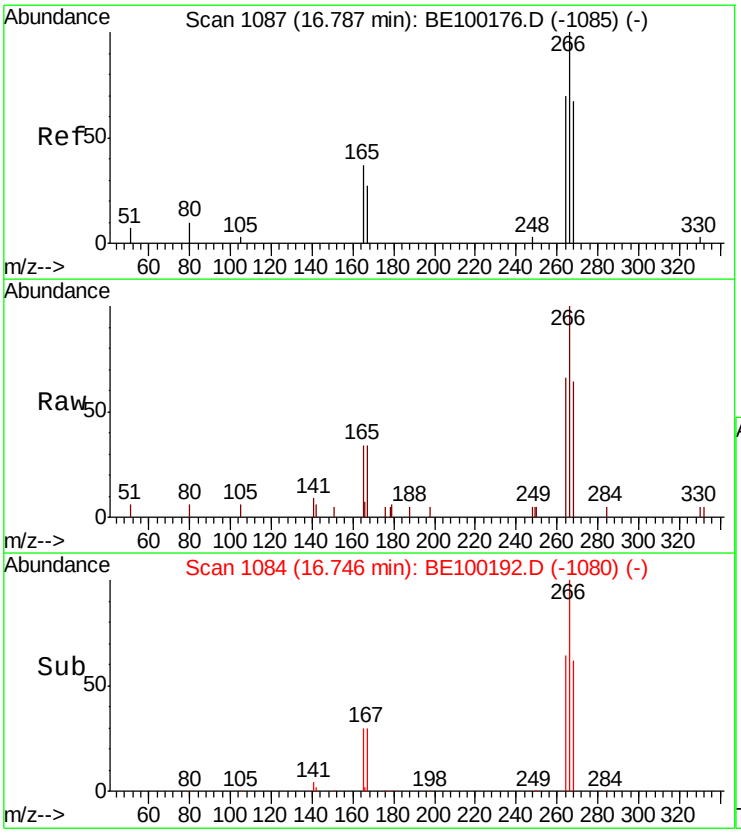
#21
Hexachlorobenzene
Concen: 0.423 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Instrument :
BNA_E
ClientSampleId :
PB120737BSD

Tgt Ion:284 Resp: 1324

Ion	Ratio	Lower	Upper
284	100		
142	23.9	20.1	30.1
249	30.7	26.2	39.4

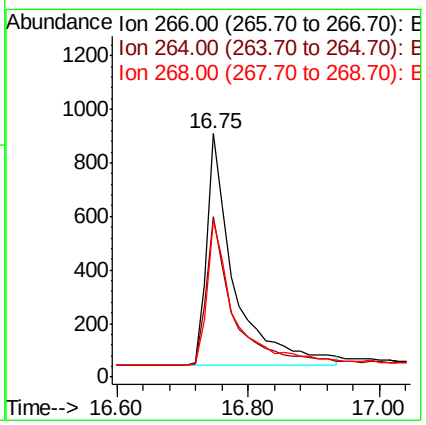


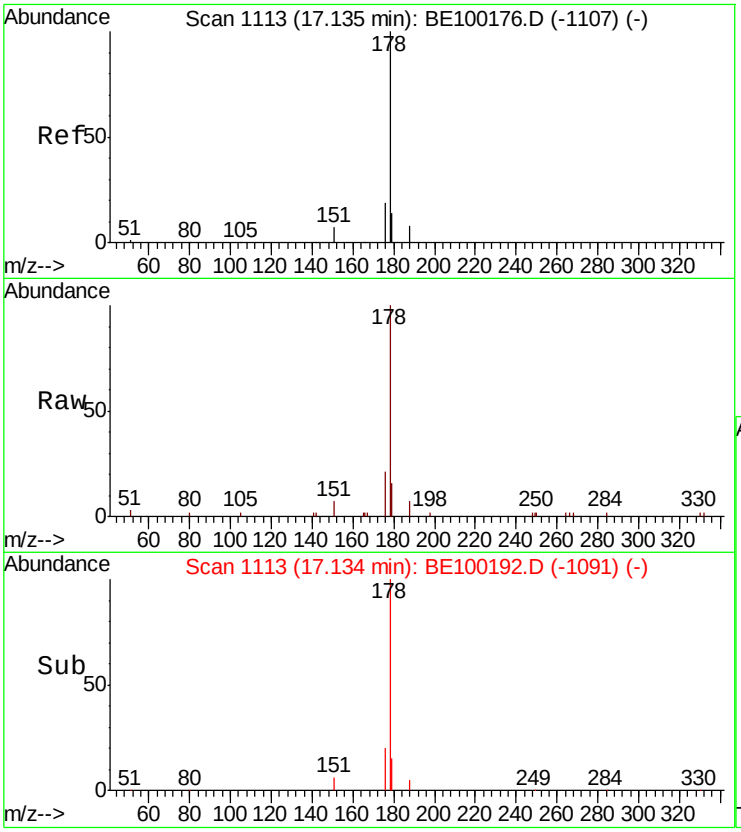


#22
Pentachlorophenol
Concen: 2.664 ng
RT: 16.75 min Scan# 1084
Delta R.T. -0.04 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Tgt Ion:266 Resp: 2524

Ion	Ratio	Lower	Upper
266	100		
264	65.7	67.7	101.5#
268	64.1	69.8	104.6#



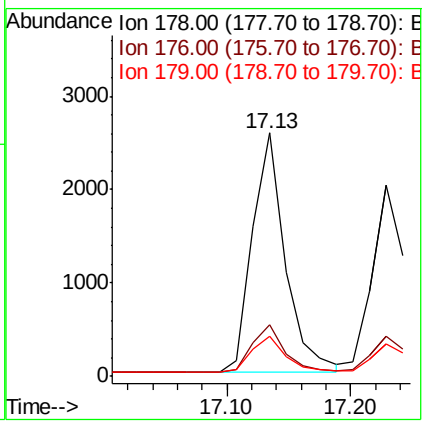


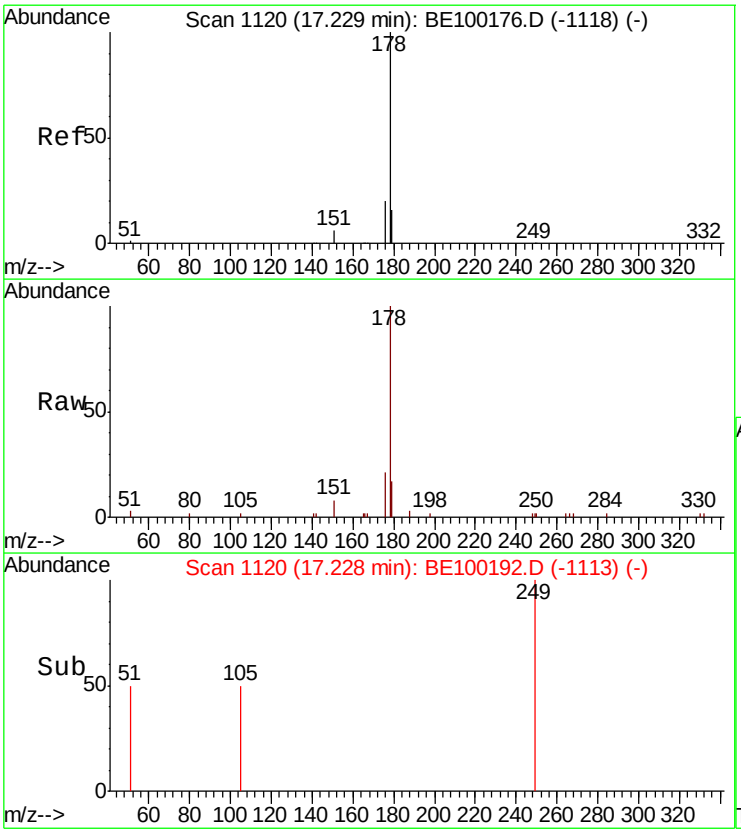
#23
Phenanthrene
Concen: 0.433 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Instrument :
BNA_E
ClientSampleId :
PB120737BSD

Tgt Ion:178 Resp: 4715

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.5	23.3
179	15.5	12.2	18.2

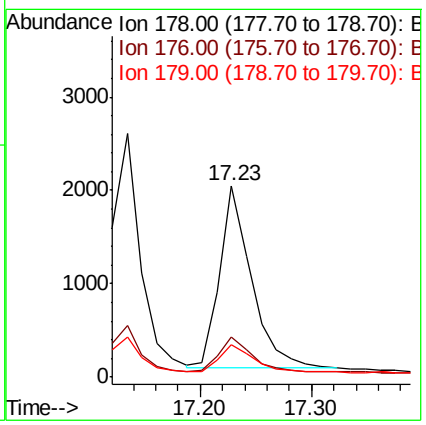


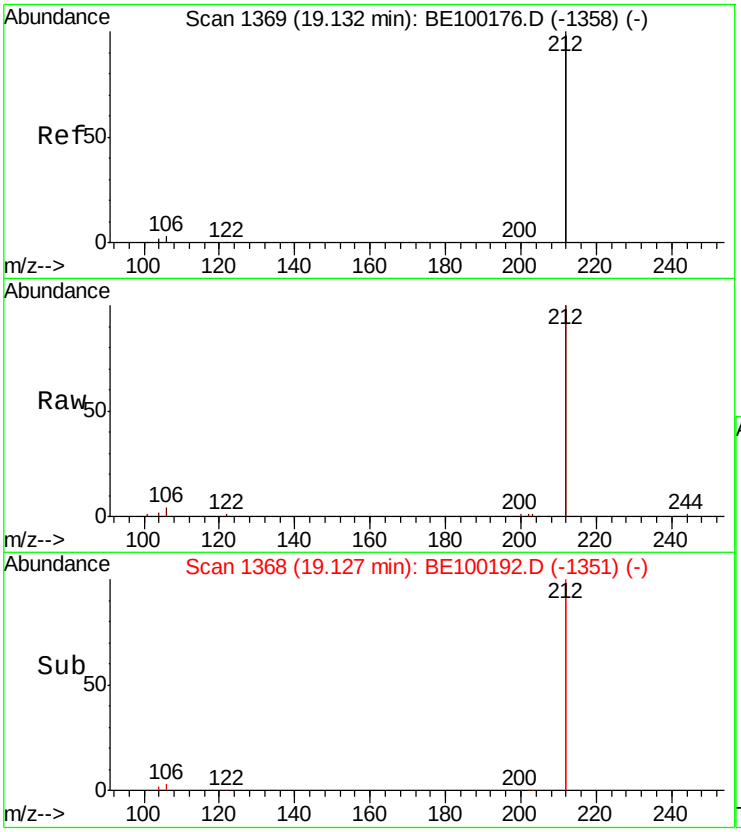


#24
Anthracene
Concen: 0.424 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Tgt Ion:178 Resp: 3901

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.7	23.5
179	15.6	12.9	19.3



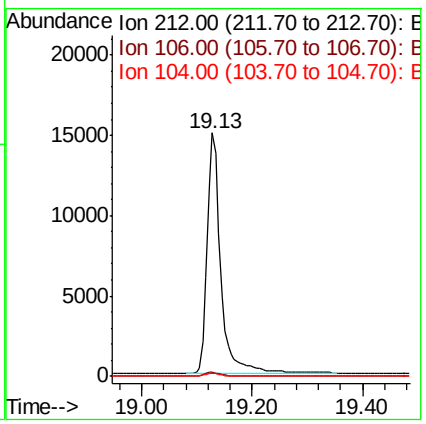


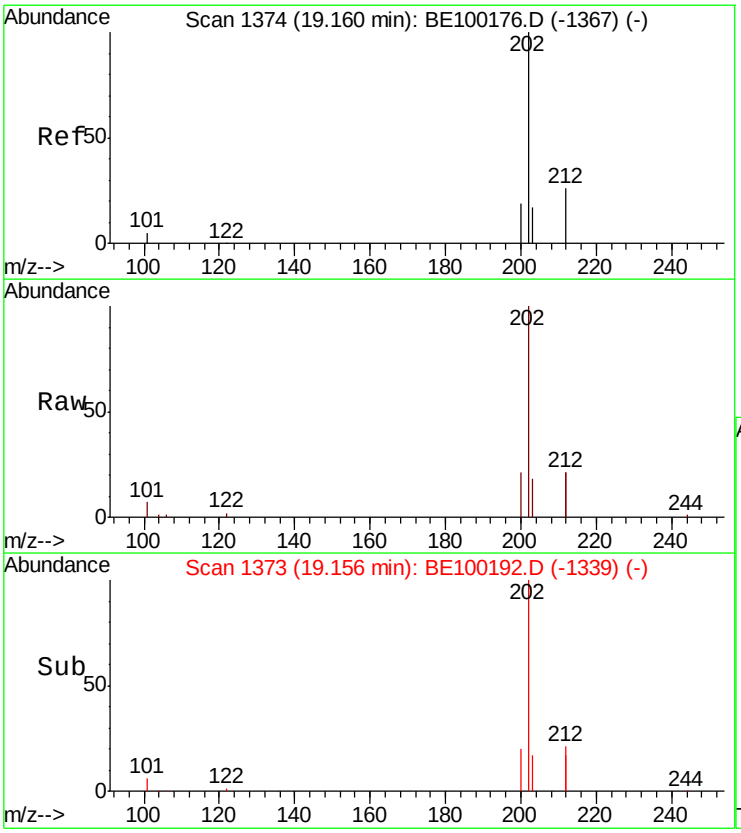
#25
Fluoranthene-d10
Concen: 0.390 ng
RT: 19.13 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Instrument :
BNA_E
ClientSampleId :
PB120737BSD

Tgt Ion:212 Resp: 25867

Ion	Ratio	Lower	Upper
212	100		
106	1.6	1.3	1.9
104	0.9	0.7	1.1

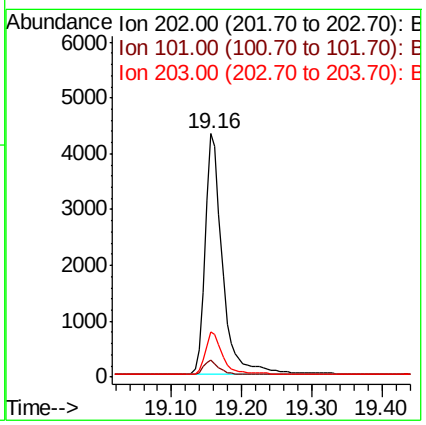


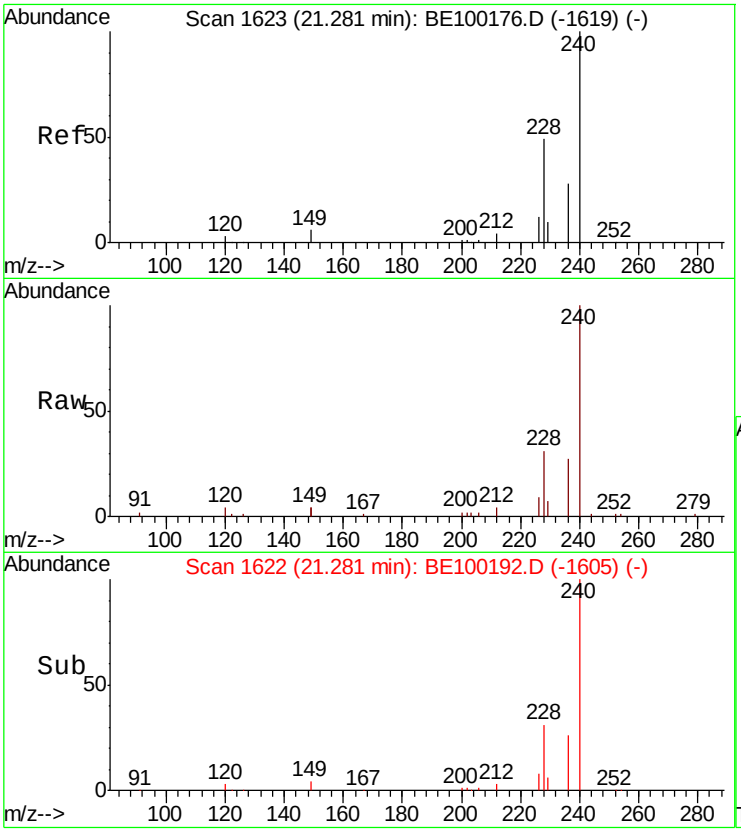


#26
Fluoranthene
Concen: 0.423 ng
RT: 19.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Tgt Ion:202 Resp: 7498

Ion	Ratio	Lower	Upper
202	100		
101	5.5	4.5	6.7
203	17.1	13.7	20.5



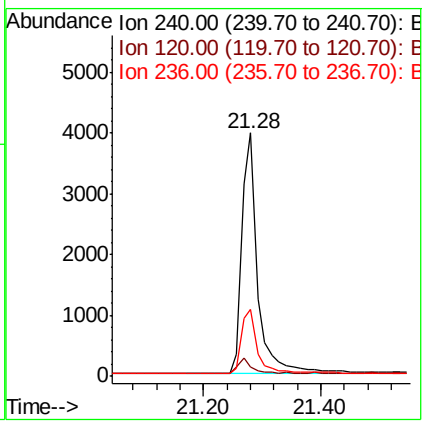


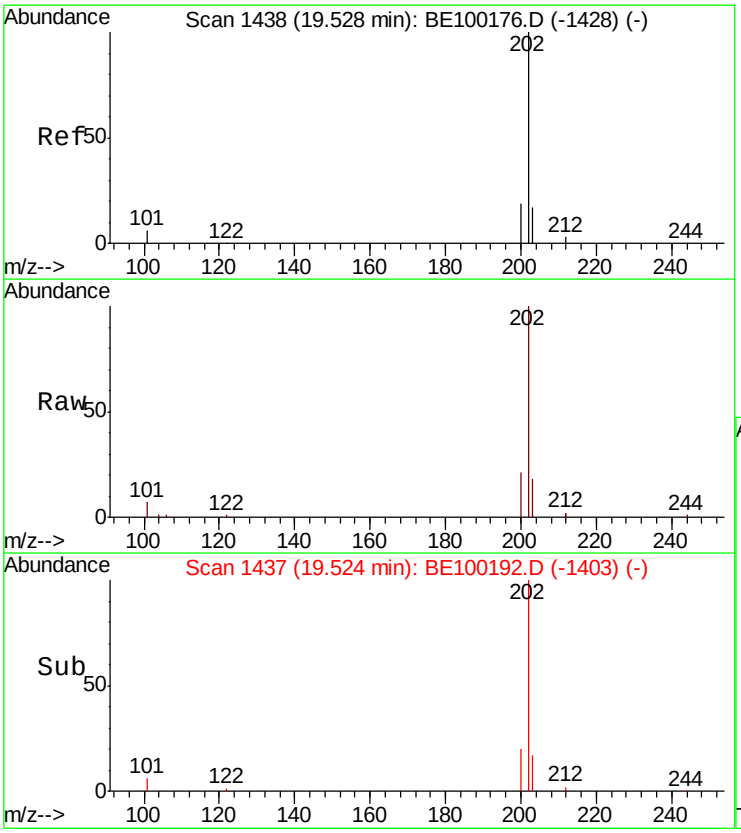
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Instrument :
BNA_E
ClientSampleId :
PB120737BSD

Tgt Ion:240 Resp: 7446

Ion	Ratio	Lower	Upper
240	100		
120	3.9	4.1	6.1#
236	27.3	23.0	34.6

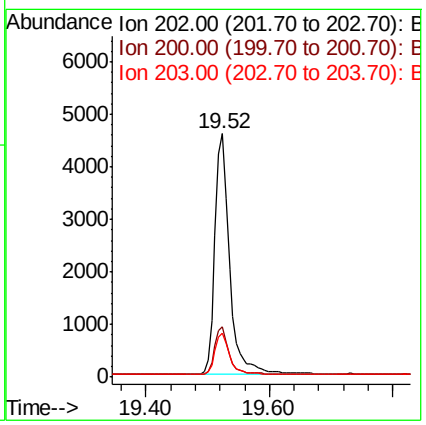


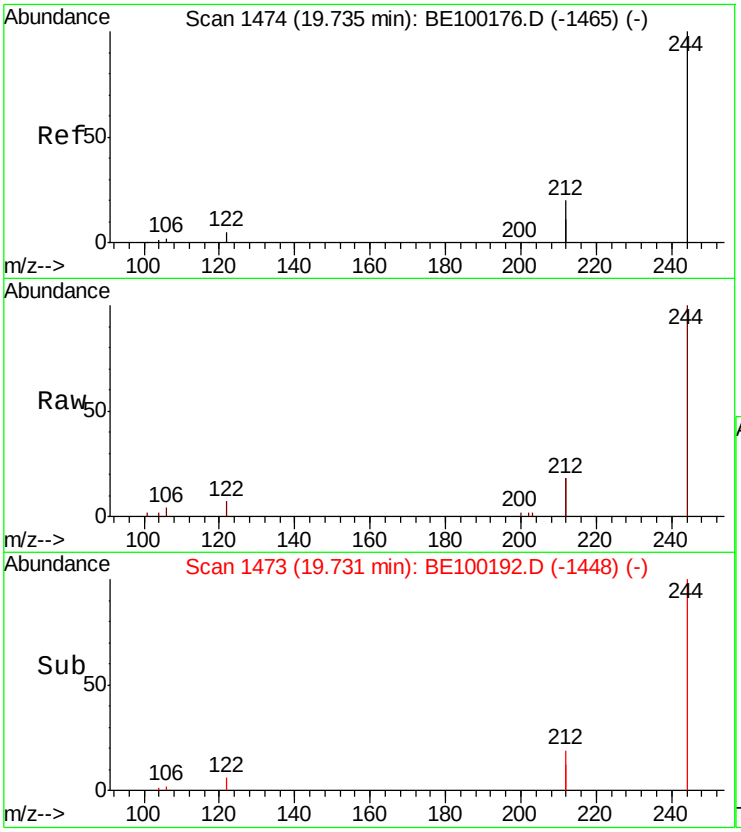


#28
Pyrene
Concen: 0.396 ng
RT: 19.52 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Tgt Ion:202 Resp: 7555

Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.5	23.3
203	17.5	13.9	20.9



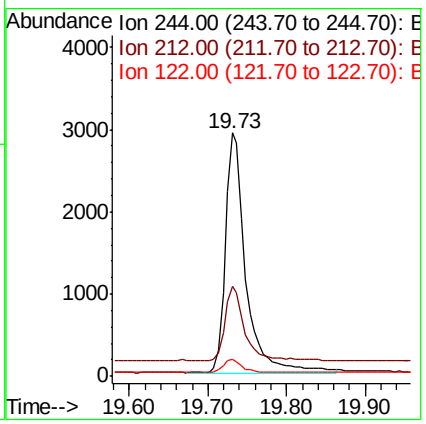


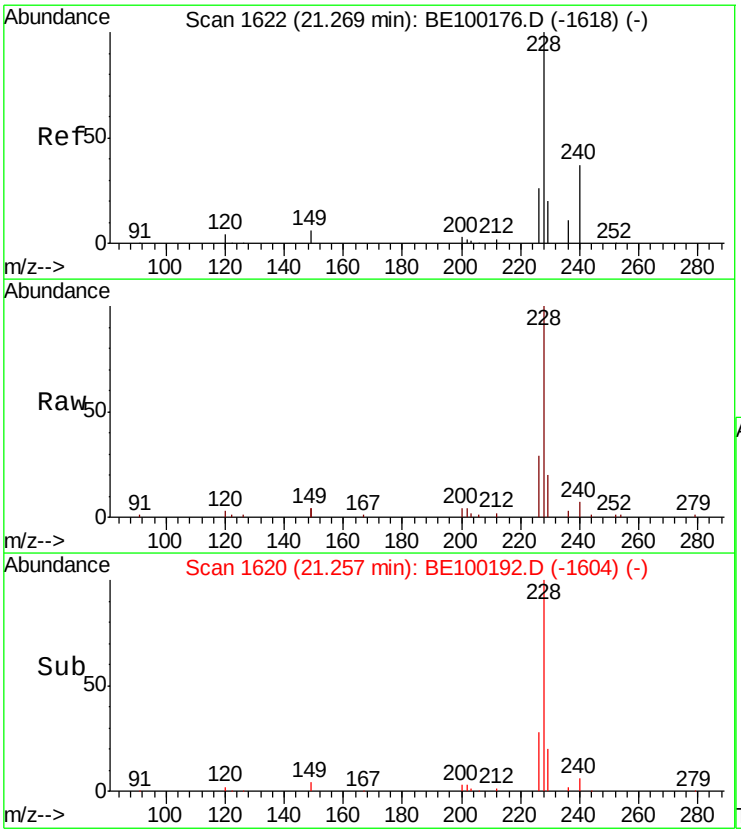
#29
Terphenyl-d14
Concen: 0.359 ng
RT: 19.73 min Scan# 1473
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Instrument :
BNA_E
ClientSampleId :
PB120737BSD

Tgt Ion:244 Resp: 5243

Ion	Ratio	Lower	Upper
244	100		
212	36.8	30.7	46.1
122	7.0	5.8	8.6

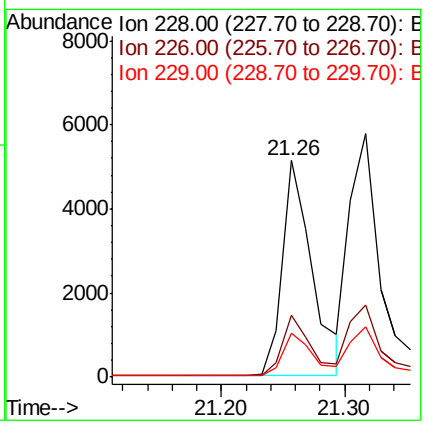


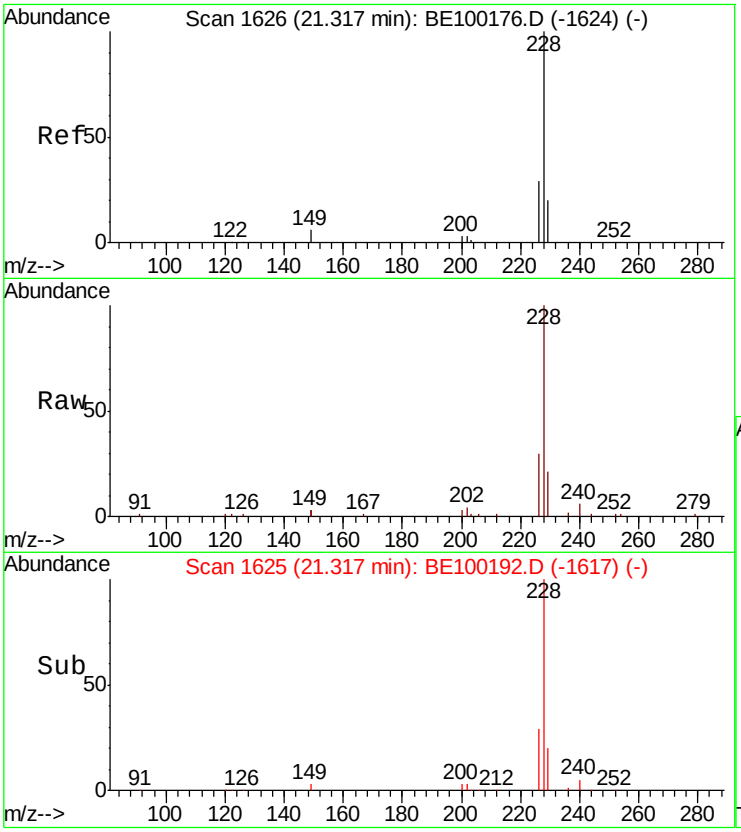


#30
Benzo(a)anthracene
Concen: 0.392 ng
RT: 21.26 min Scan# 1620
Delta R.T. -0.01 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Tgt Ion:228 Resp: 8607

Ion	Ratio	Lower	Upper
228	100		
226	28.8	21.5	32.3
229	20.2	17.2	25.8



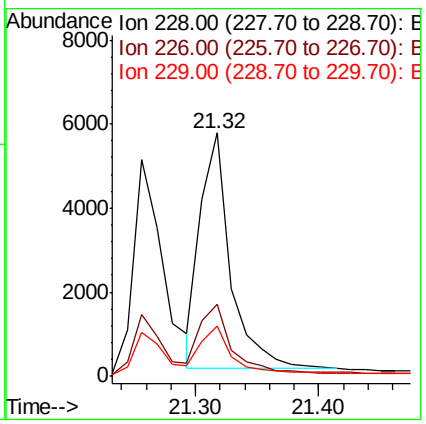


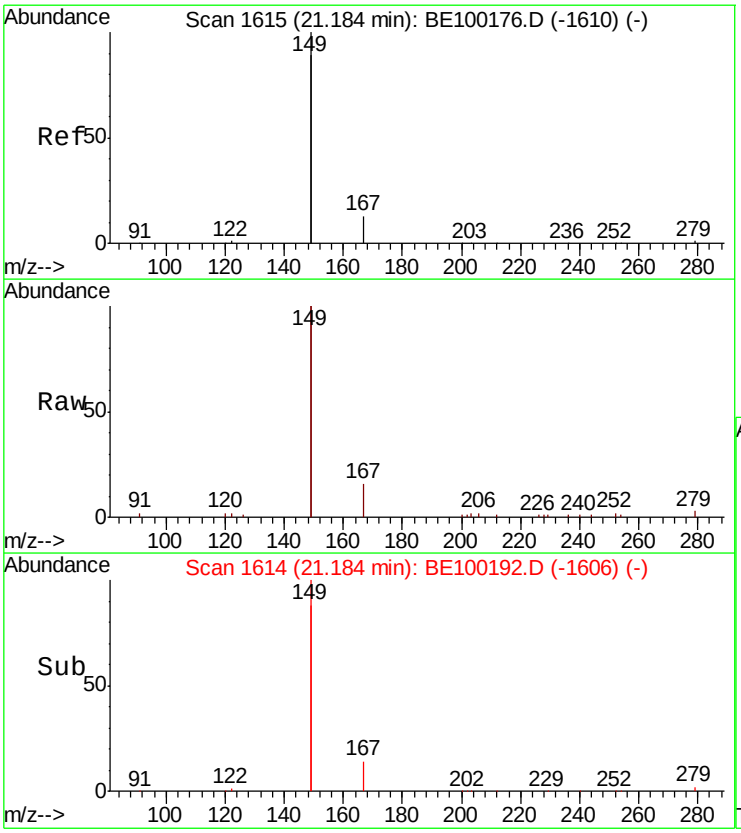
#31
Chrysene
Concen: 0.370 ng
RT: 21.32 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Instrument :
BNA_E
ClientSampleId :
PB120737BSD

Tgt Ion:228 Resp: 9523

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.7	35.5
229	20.6	16.5	24.7

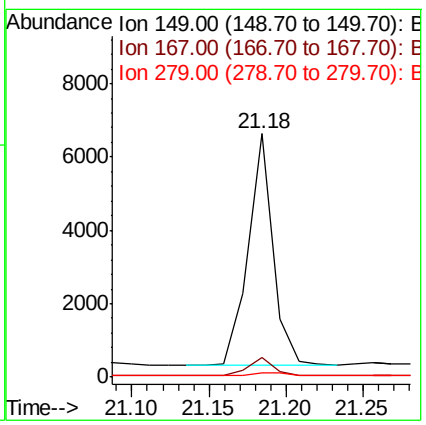


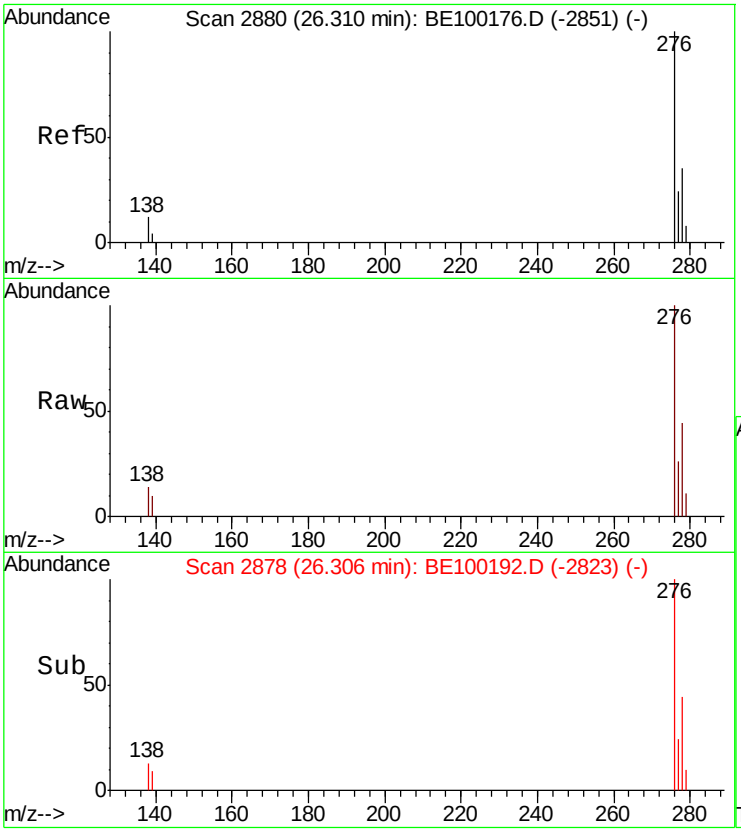


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.282 ng
RT: 21.18 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Tgt Ion:149 Resp: 7124

Ion	Ratio	Lower	Upper
149	100		
167	7.6	5.9	8.9
279	1.4	1.0	1.6



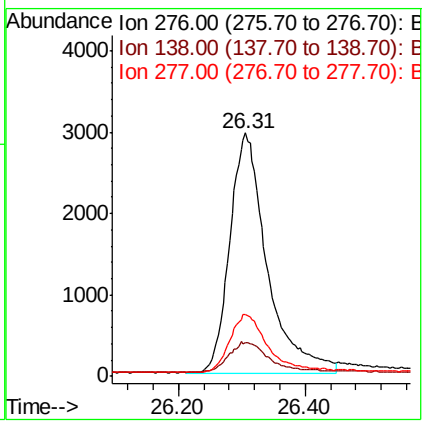


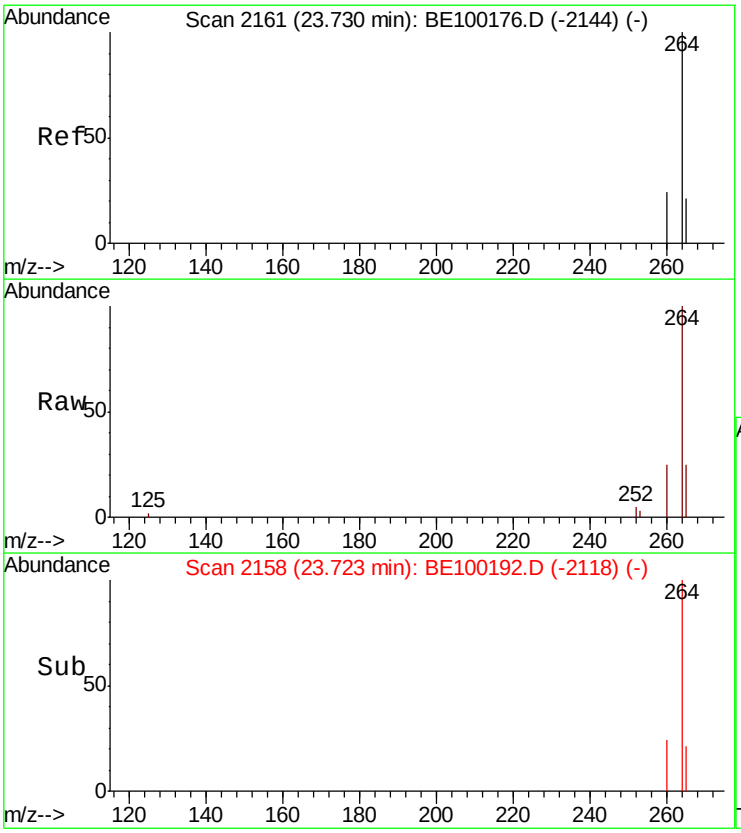
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.329 ng
RT: 26.31 min Scan# 2878
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Instrument :
BNA_E
ClientSampleId :
PB120737BSD

Tgt Ion:276 Resp: 12046

Ion	Ratio	Lower	Upper
276	100		
138	13.6	3.7	5.5#
277	25.0	18.7	28.1

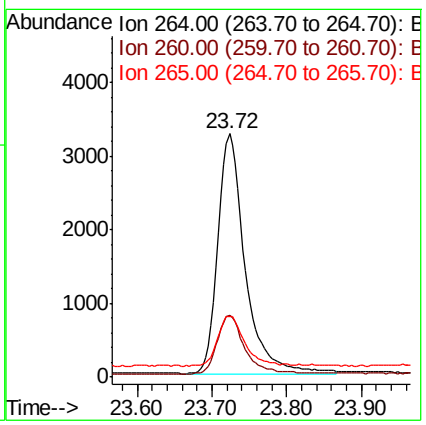


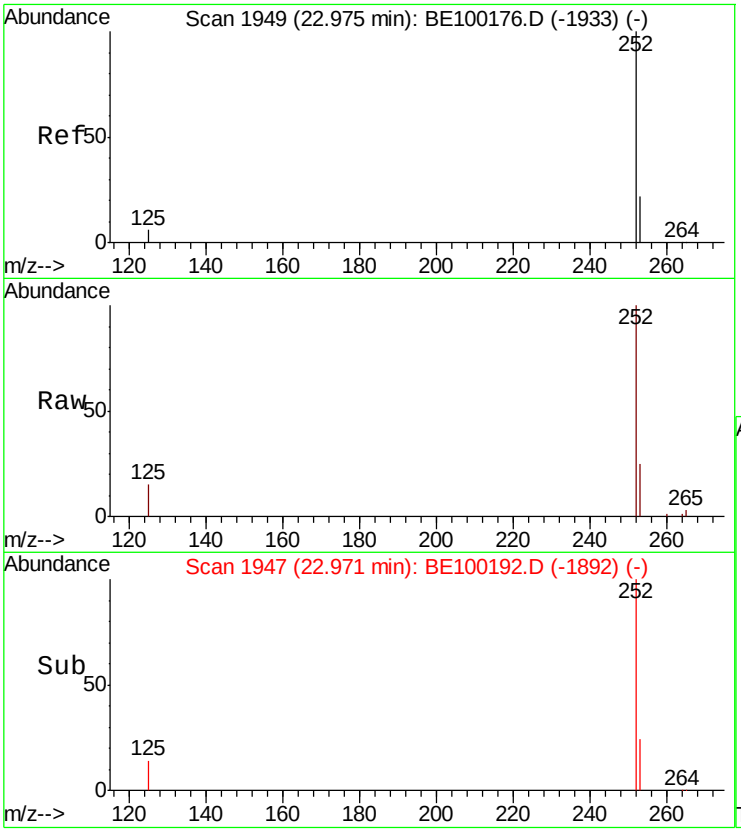


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.72 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Tgt Ion:264 Resp: 8216

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.4	30.6
265	24.9	22.5	33.7



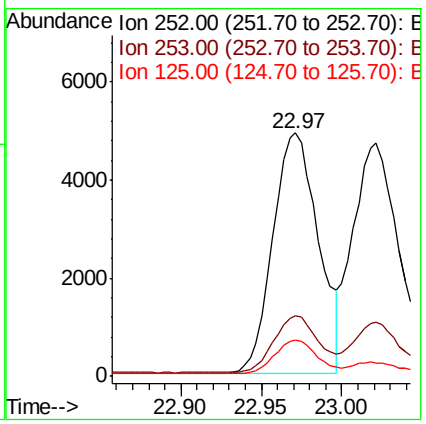


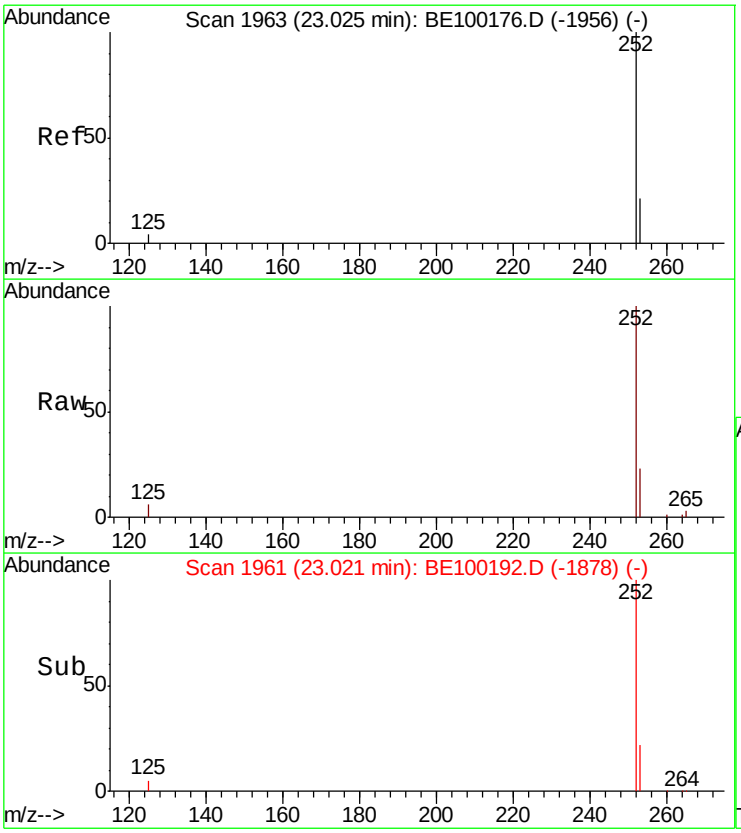
#35
Benzo(b)fluoranthene
Concen: 0.437 ng
RT: 22.97 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Instrument :
BNA_E
ClientSampleId :
PB120737BSD

Tgt Ion:252 Resp: 9658

Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.0	28.4
125	14.9	6.3	9.5#

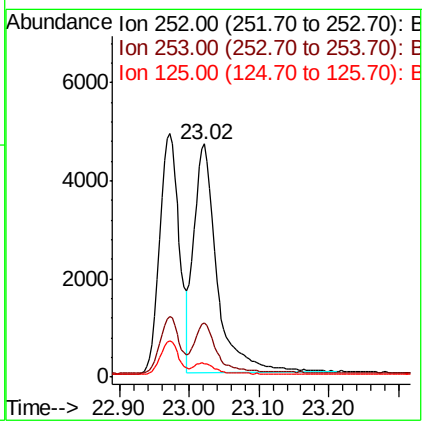


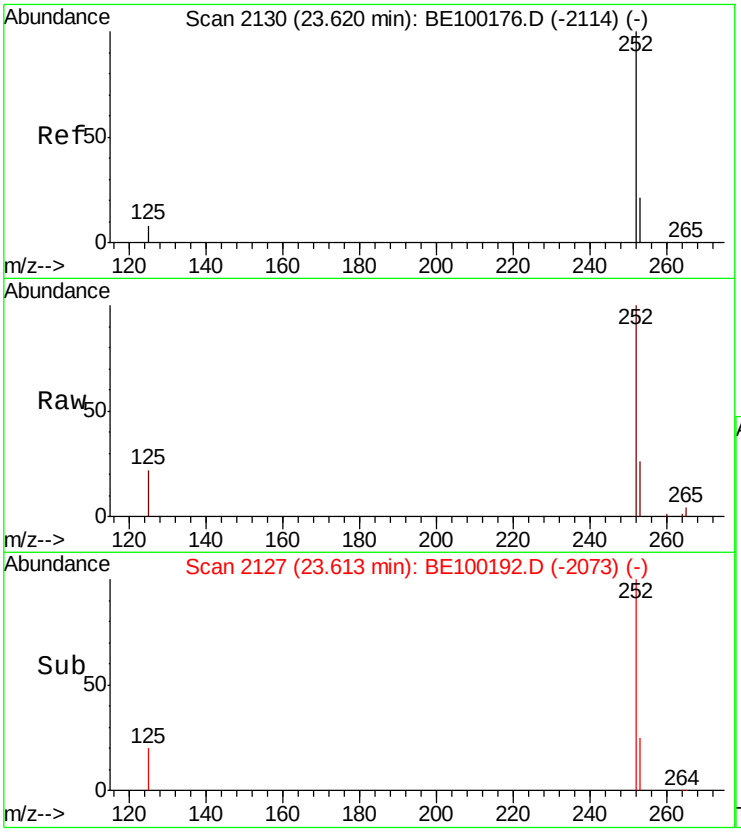


#36
Benzo(k)fluoranthene
Concen: 0.406 ng
RT: 23.02 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Tgt Ion:252 Resp: 10725

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	5.9	5.0	7.4



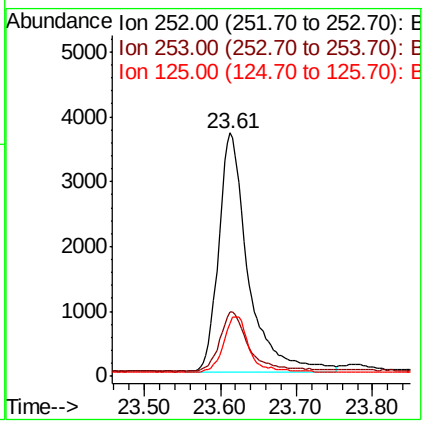


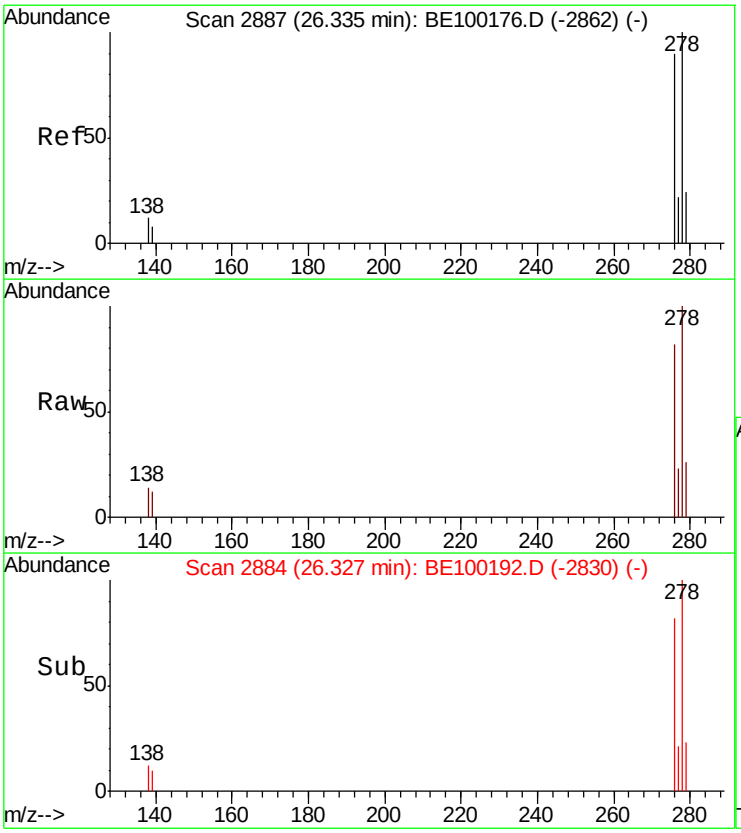
#37
Benzo(a)pyrene
Concen: 0.430 ng
RT: 23.61 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Instrument :
BNA_E
ClientSampleId :
PB120737BSD

Tgt Ion:252 Resp: 9844

Ion	Ratio	Lower	Upper
252	100		
253	26.3	19.2	28.8
125	21.5	8.2	12.2#

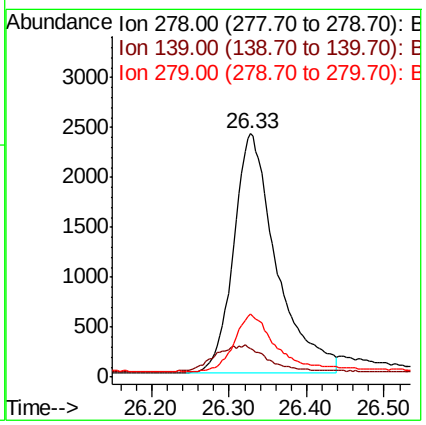


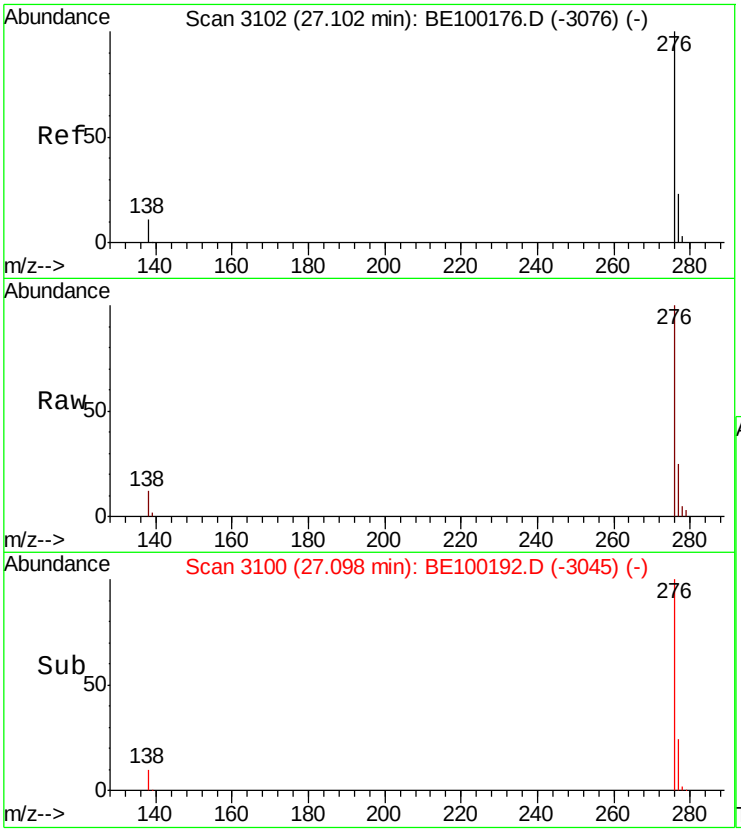


#38
Dibenzo(a,h)anthracene
Concen: 0.373 ng
RT: 26.33 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Tgt Ion:278 Resp: 9142

Ion	Ratio	Lower	Upper
278	100		
139	11.8	9.0	13.4
279	25.7	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.386 ng
RT: 27.10 min Scan# 3100
Delta R.T. -0.00 min
Lab File: BE100192.D
Acq: 26 Jun 2019 13:18

Instrument :
BNA_E
ClientSampleId :
PB120737BSD

Tgt Ion:276 Resp: 9883

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.8	29.6
138	11.8	10.2	15.4