Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062619\
Data File : BE100191.D
Acq On : 26 Jun 2019 12:43
Operator : JU/SJ
Sample : PB120737BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB120737BS

Quant Time: Jun 27 04:43:36 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	558	0.40	ng		0.00
7) Naphthalene-d8	10.47	136	1909	0.40	ng		0.00
13) Acenaphthene-d10	14.34	164	1453	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	4451	0.40	ng		0.00
27) Chrysene-d12	21.28	240	7222	0.40	ng		0.00
34) Perylene-d12	23.72	264	7942	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	502	0.40	ng		0.00
5) Phenol-d6	6.86	99	663	0.39	ng		-0.01
8) Nitrobenzene-d5	8.85	82	754	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.08	152	1415	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	313	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.97	172	2434	0.42	ng		0.00
25) Fluoranthene-d10	19.13	212	24938	0.39	ng		0.00
29) Terphenyl-d14	19.73	244	5056	0.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	333	0.381	ng	#	86
3) n-Nitrosodimethylamine	3.51	42	103	0.319	ng	#	28
6) bis(2-Chloroethyl)ether	7.11	93	454	0.291	ng	#	89
9) Naphthalene	10.51	128	8850	0.425	ng		98
10) Hexachlorobutadiene	10.78	225	863	0.401	ng		99
12) 2-Methylnaphthalene	12.15	142	1390	0.414	ng		97
16) Acenaphthylene	14.07	152	2927	0.413	ng		98
17) Acenaphthene	14.41	154	1573	0.396	ng		93
18) Fluorene	15.39	166	2406	0.419	ng		99
20) 4-Bromophenyl-phenylether	16.29	248	1095	0.396	ng		96
21) Hexachlorobenzene	16.40	284	1286	0.424	ng		99
22) Pentachlorophenol	16.75	266	2286	2.511	ng	#	79
23) Phenanthrene	17.13	178	4577	0.434	ng		99
24) Anthracene	17.23	178	3628	0.407	ng		99
26) Fluoranthene	19.16	202	7257	0.423	ng		99
28) Pyrene	19.52	202	7253	0.392	ng		99
30) Benzo(a)anthracene	21.26	228	8340	0.392	ng		97
31) Chrysene	21.32	228	9205	0.369	ng		100
32) Bis(2-ethylhexyl)phthalate	21.19	149	6717	0.274	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.30	276	11659	0.328	ng	#	94
35) Benzo(b)fluoranthene	22.97	252	9294	0.435	ng	#	96
36) Benzo(k)fluoranthene	23.02	252	10471	0.410	ng		99
37) Benzo(a)pyrene	23.61	252	9616	0.434	ng	#	90
38) Dibenzo(a,h)anthracene	26.33	278	9102	0.384	ng		98
39) Benzo(g,h,i)perylene	27.09	276	9553	0.386	ng		98

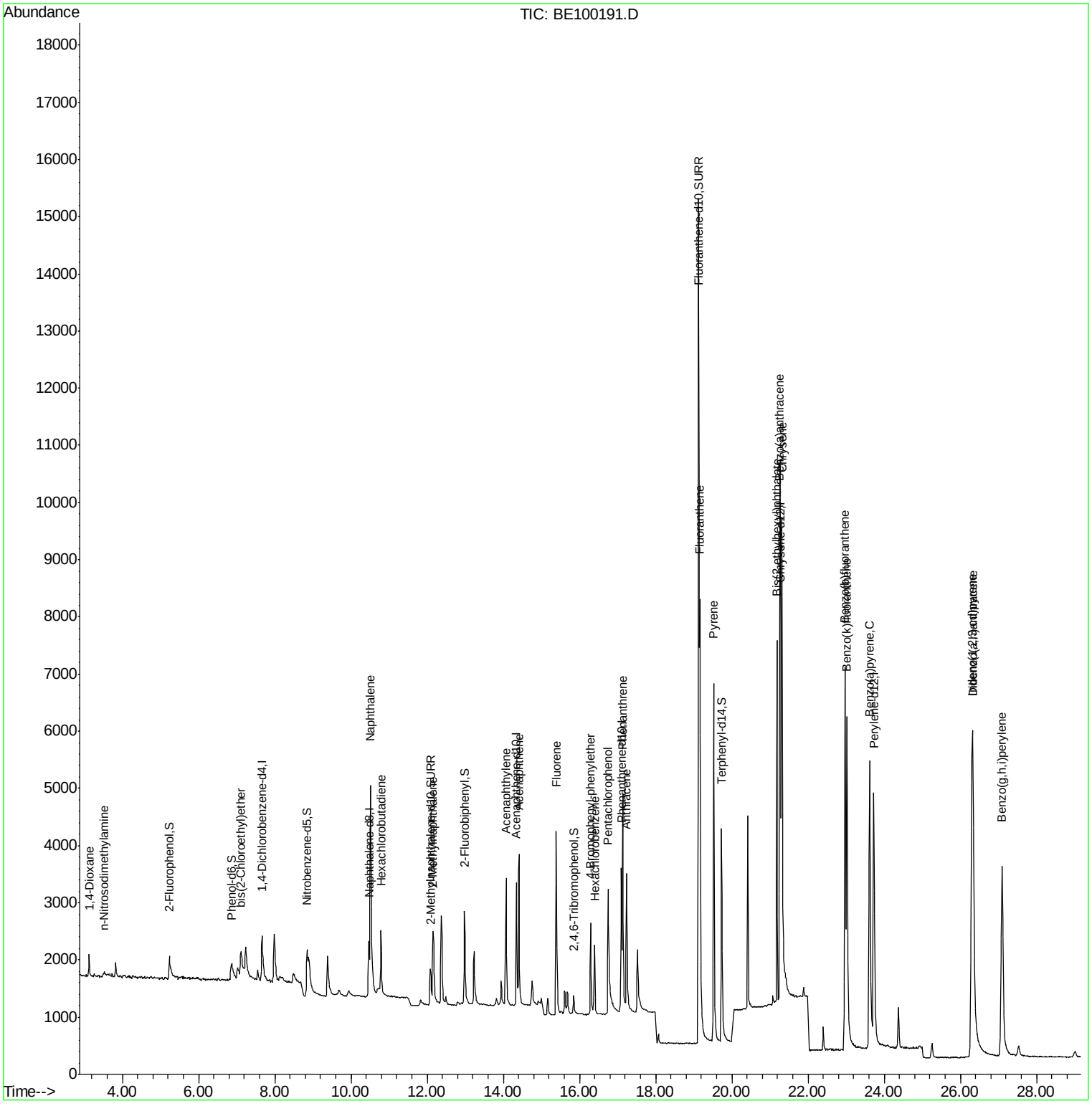
(#) = qualifier out of range (m) = manual integration (+) = signals summed

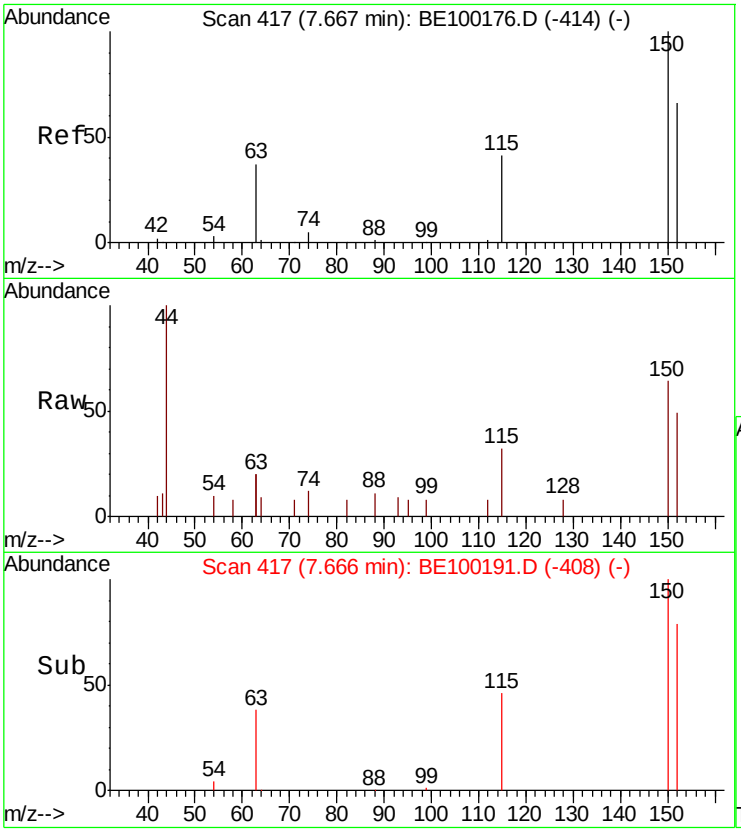
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062619\
Data File : BE100191.D
Acq On : 26 Jun 2019 12:43
Operator : JU/SJ
Sample : PB120737BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB120737BS

Quant Time: Jun 27 04:43:36 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



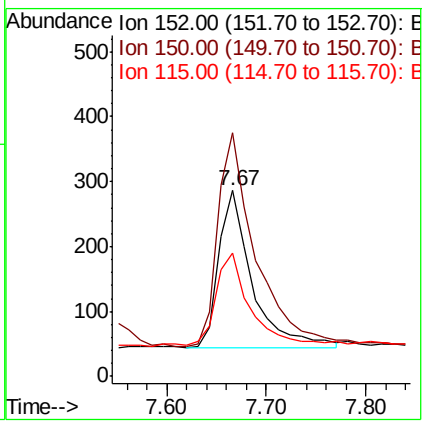


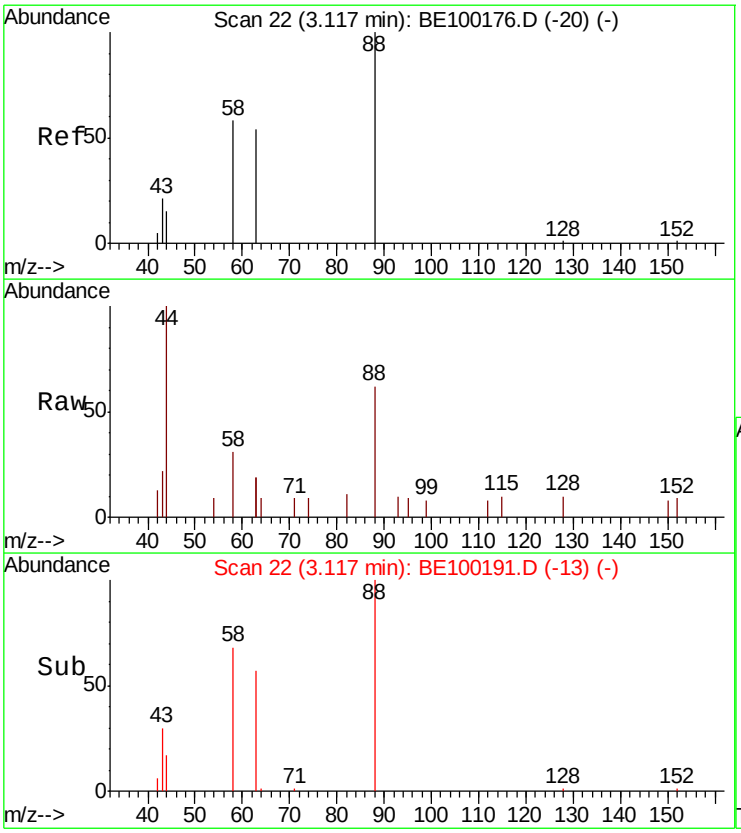
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.67 min Scan# 417
Delta R.T. -0.00 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Instrument :
BNA_E
ClientSampleId :
PB120737BS

Tgt Ion:152 Resp: 558

Ion	Ratio	Lower	Upper
152	100		
150	131.1	113.4	170.2
115	66.4	55.8	83.6

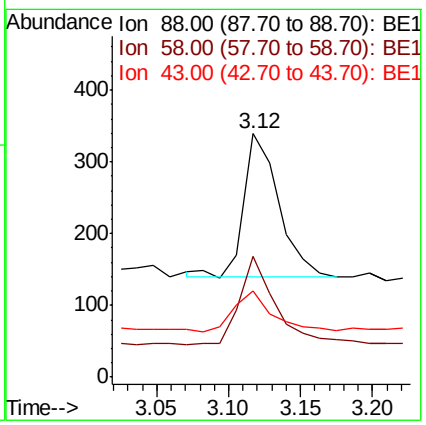


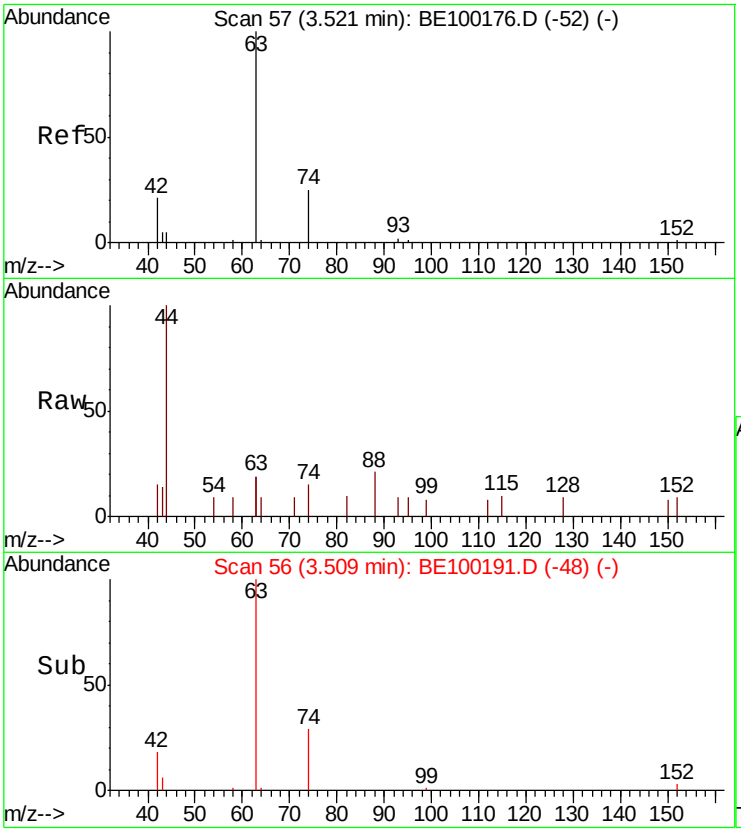


#2
1,4-Dioxane
Concen: 0.381 ng
RT: 3.12 min Scan# 22
Delta R.T. -0.00 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Tgt Ion: 88 Resp: 333

Ion	Ratio	Lower	Upper
88	100		
58	64.3	43.8	65.6
43	32.4	19.4	29.2#



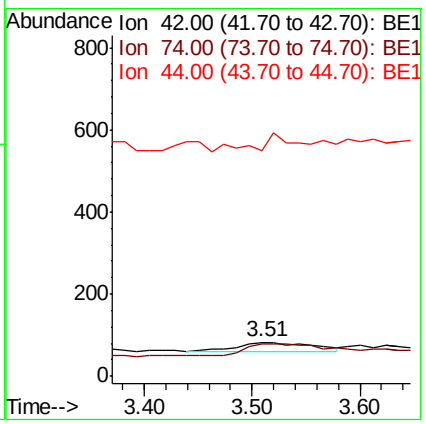


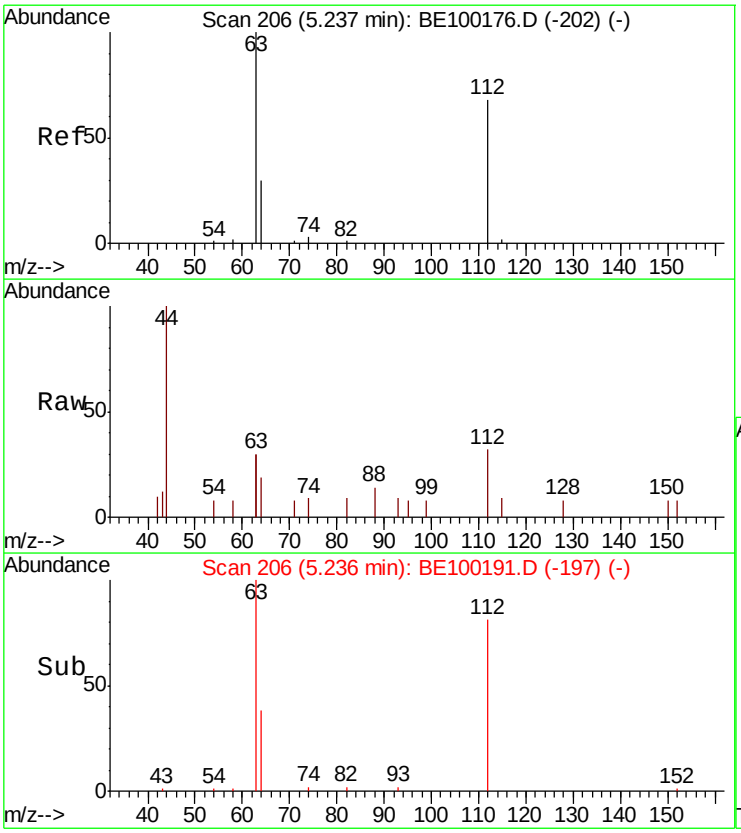
#3
n-Nitrosodimethylamine
Concen: 0.319 ng
RT: 3.51 min Scan# 56
Delta R.T. -0.01 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Instrument :
BNA_E
ClientSampleId :
PB120737BS

Tgt Ion: 42 Resp: 103

Ion	Ratio	Lower	Upper
42	100		
74	116.5	193.2	289.8#
44	55.3	114.5	171.7#

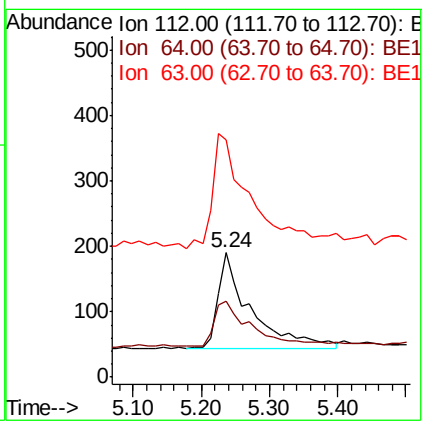


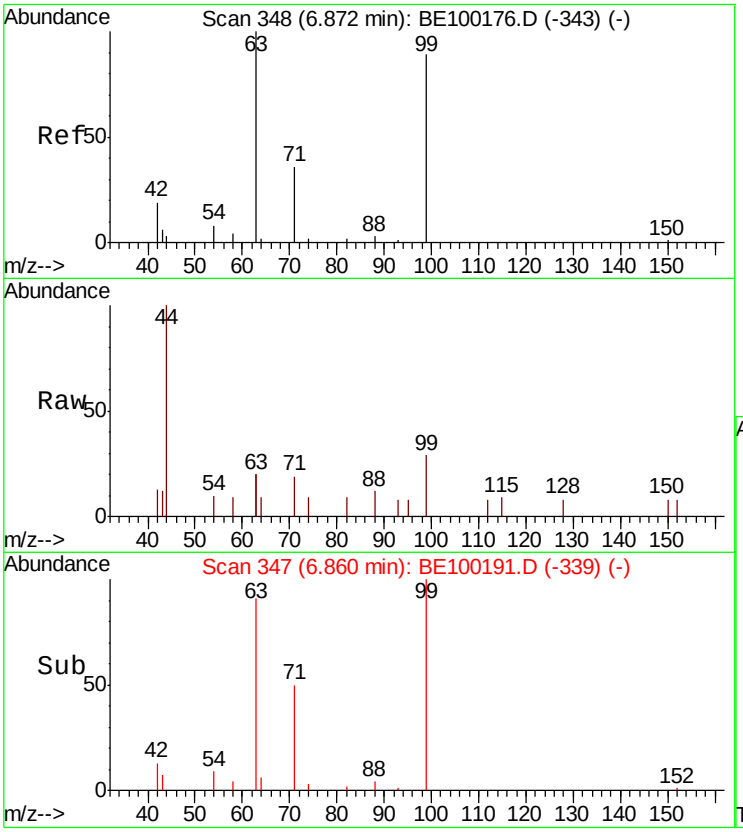


#4
2-Fluorophenol
Concen: 0.405 ng
RT: 5.24 min Scan# 206
Delta R.T. -0.00 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Tgt Ion:112 Resp: 502

Ion	Ratio	Lower	Upper
112	100		
64	53.2	40.7	61.1
63	139.2	93.2	139.8



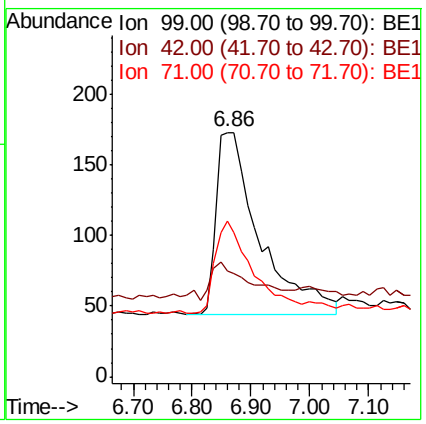


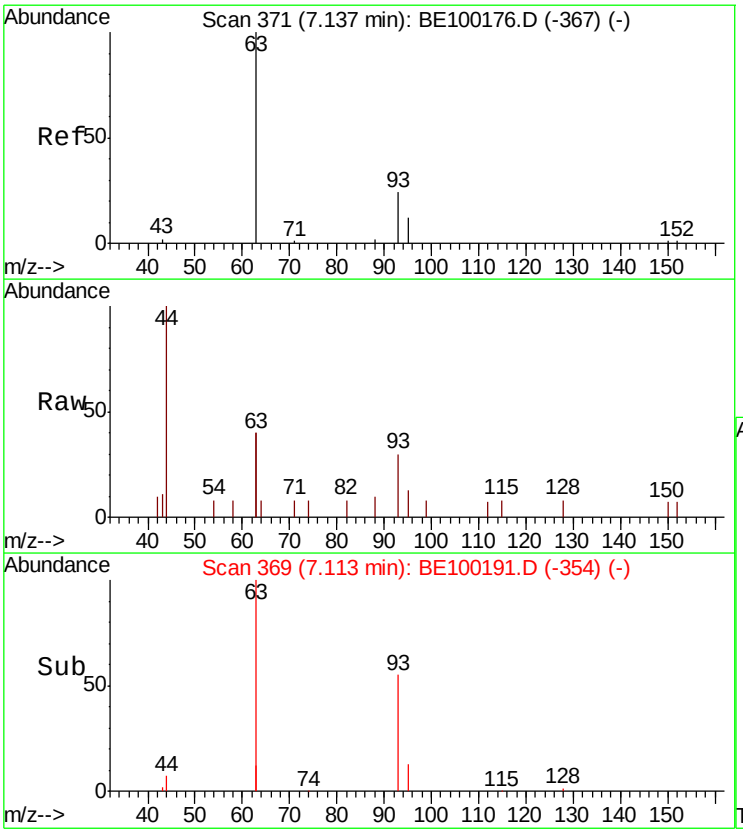
#5
Phenol-d6
Concen: 0.389 ng
RT: 6.86 min Scan# 347
Delta R.T. -0.01 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Instrument :
BNA_E
ClientSampleId :
PB120737BS

Tgt Ion: 99 Resp: 663

Ion	Ratio	Lower	Upper
99	100		
42	19.0	10.4	15.6#
71	43.4	32.4	48.6

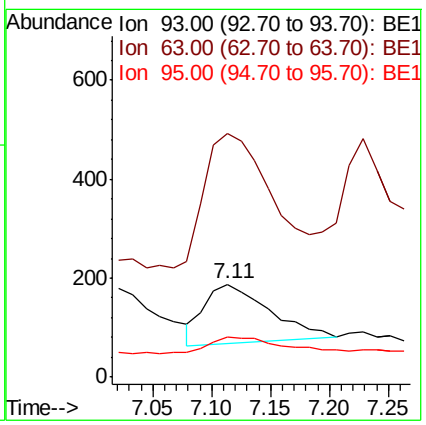


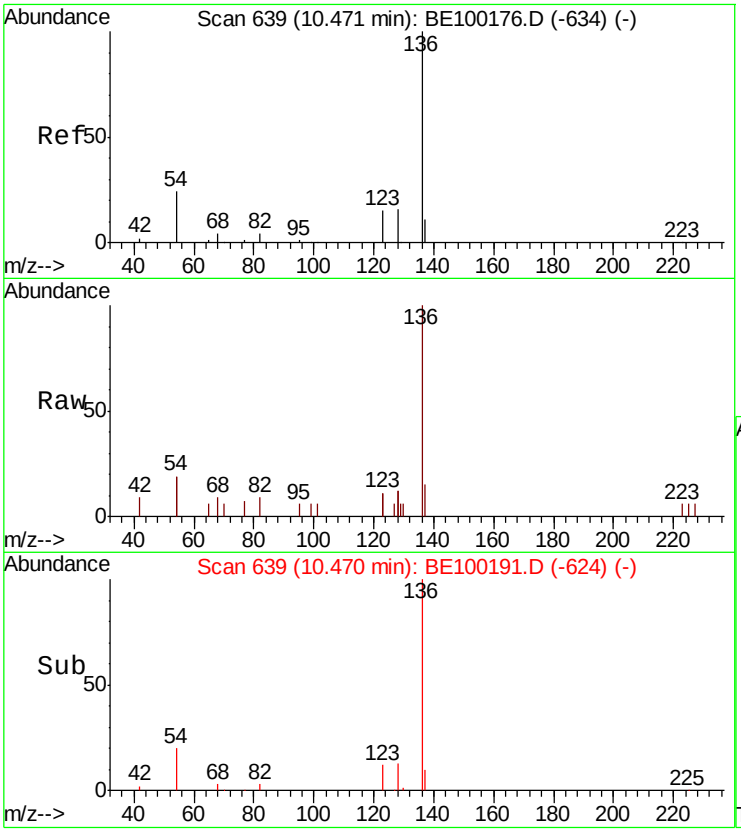


#6
bis(2-Chloroethyl)ether
Concen: 0.291 ng
RT: 7.11 min Scan# 369
Delta R.T. -0.02 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Tgt Ion: 93 Resp: 454

Ion	Ratio	Lower	Upper
93	100		
63	236.8	0.0	0.0#
95	32.2	21.0	31.6#



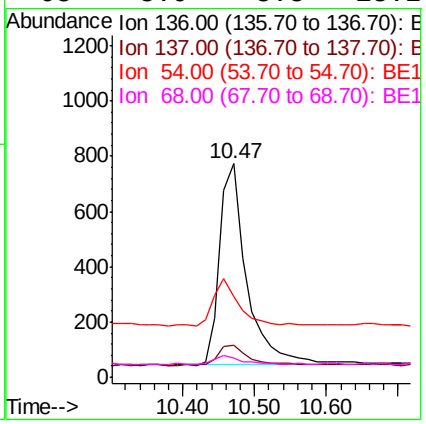


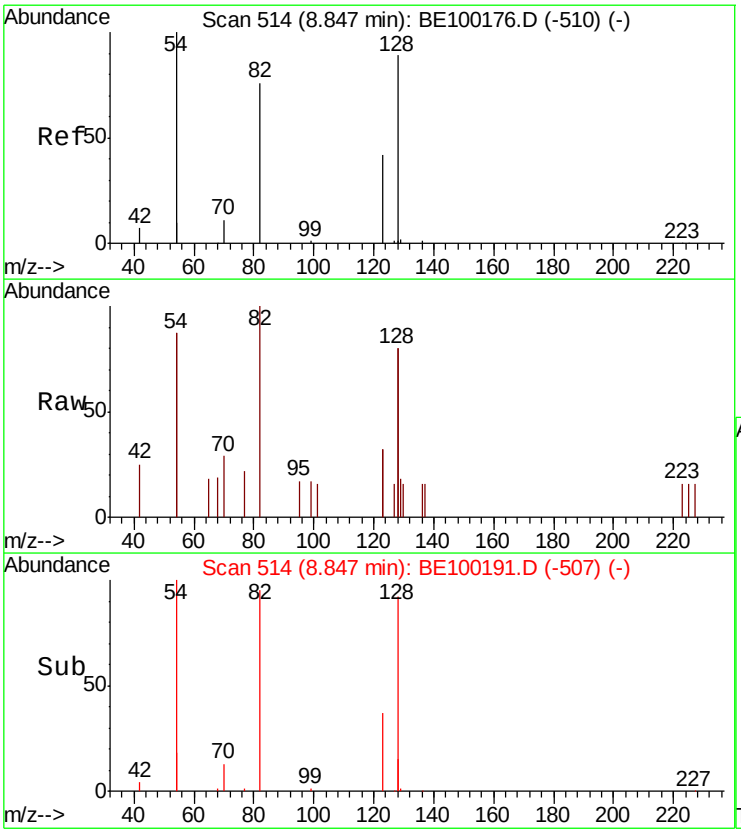
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 639
Delta R.T. -0.00 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Instrument :
BNA_E
ClientSampleId :
PB120737BS

Tgt Ion:136 Resp: 1909

Ion	Ratio	Lower	Upper
136	100		
137	15.0	13.8	20.8
54	38.0	35.4	53.2
68	8.9	8.8	13.2

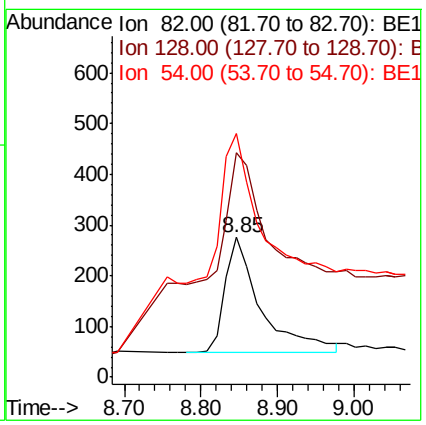


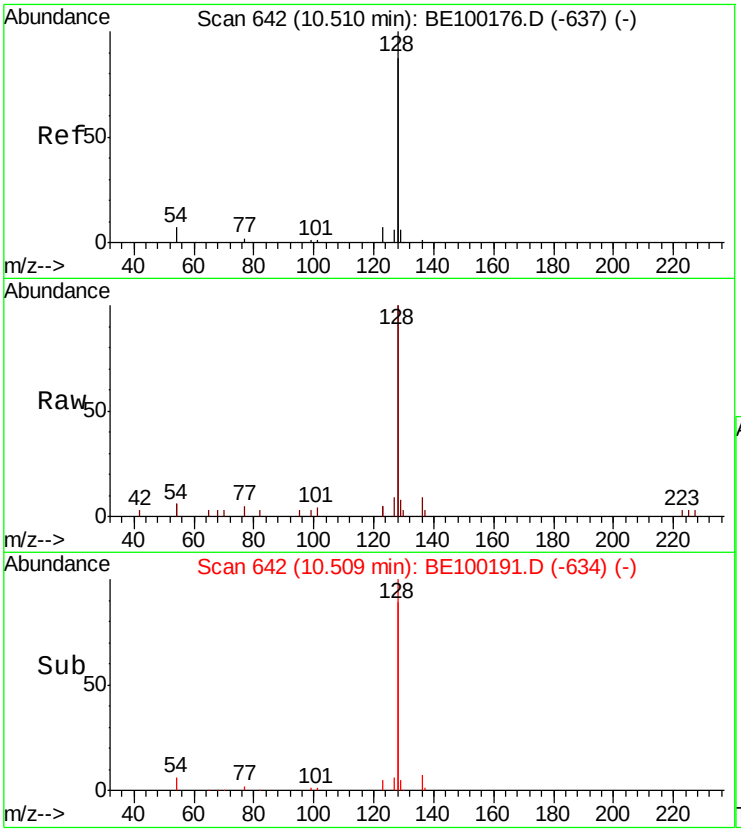


#8
Nitrobenzene-d5
Concen: 0.397 ng
RT: 8.85 min Scan# 514
Delta R.T. -0.00 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Tgt Ion: 82 Resp: 754

Ion	Ratio	Lower	Upper
82	100		
128	160.1	144.6	217.0
54	173.9	163.0	244.6



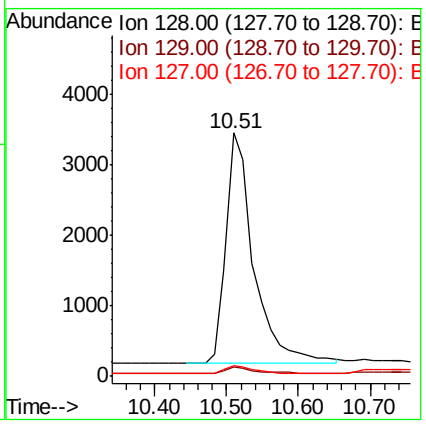


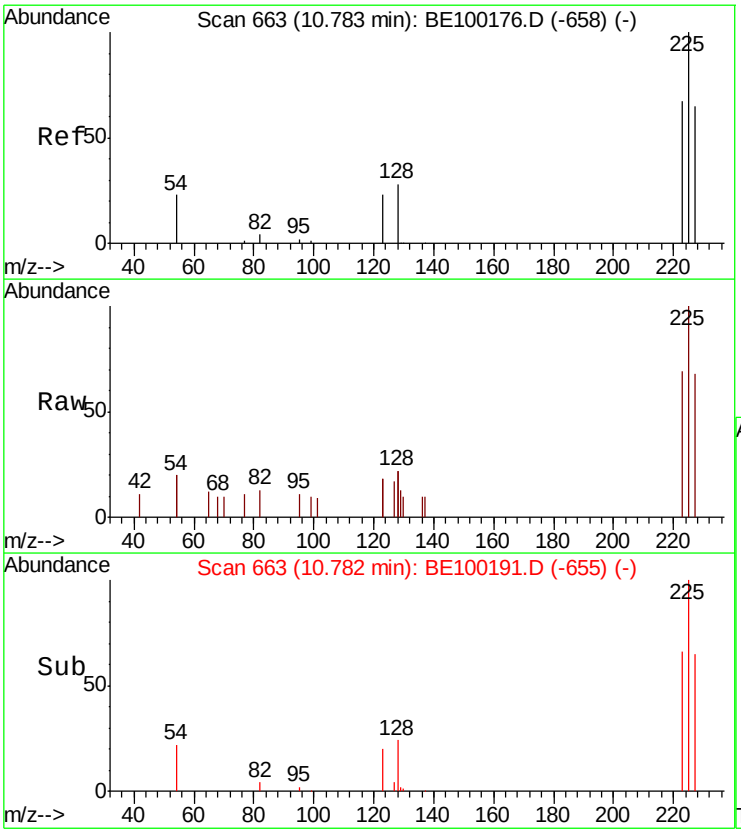
#9
Naphthalene
Concen: 0.425 ng
RT: 10.51 min Scan# 642
Delta R.T. -0.00 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Instrument :
BNA_E
ClientSampleId :
PB120737BS

Tgt Ion:128 Resp: 8850

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

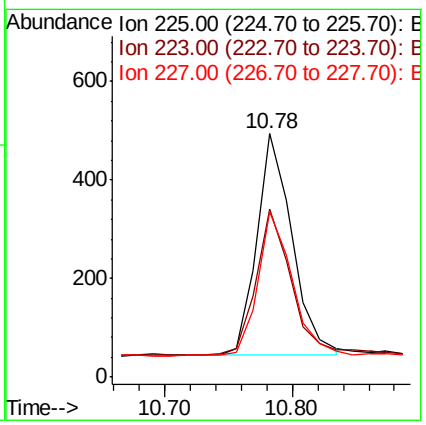


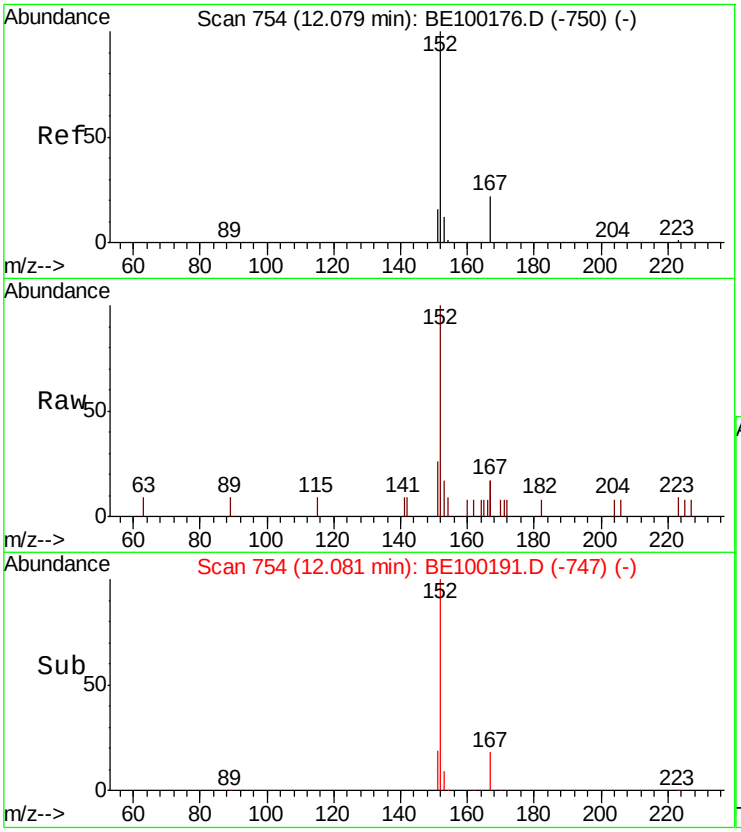


#10
Hexachlorobutadiene
Concen: 0.401 ng
RT: 10.78 min Scan# 663
Delta R.T. -0.00 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Tgt Ion:225 Resp: 863

Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.1	75.1
227	63.7	50.9	76.3



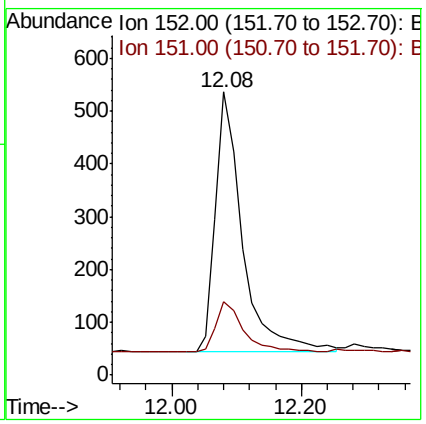


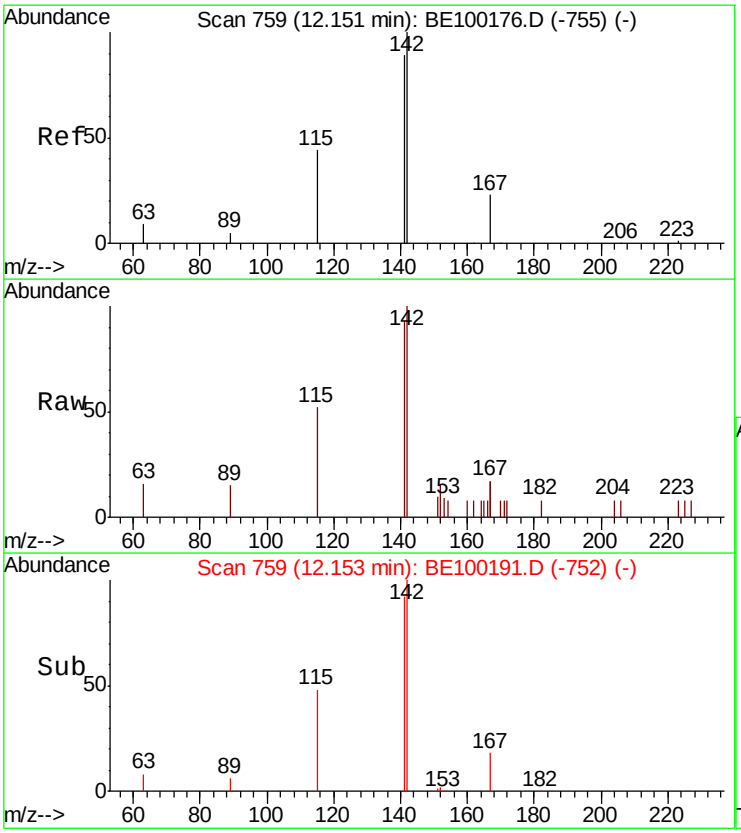
#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 12.08 min Scan# 754
Delta R.T. 0.00 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Instrument :
BNA_E
ClientSampleId :
PB120737BS

Tgt Ion:152 Resp: 1415

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5

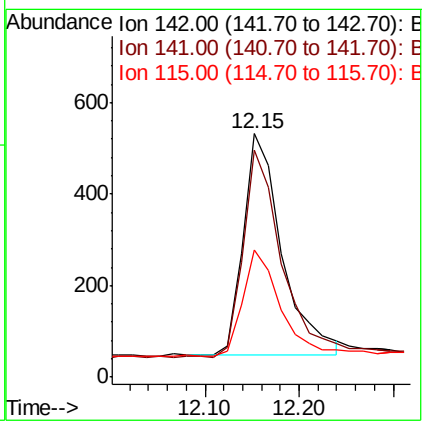


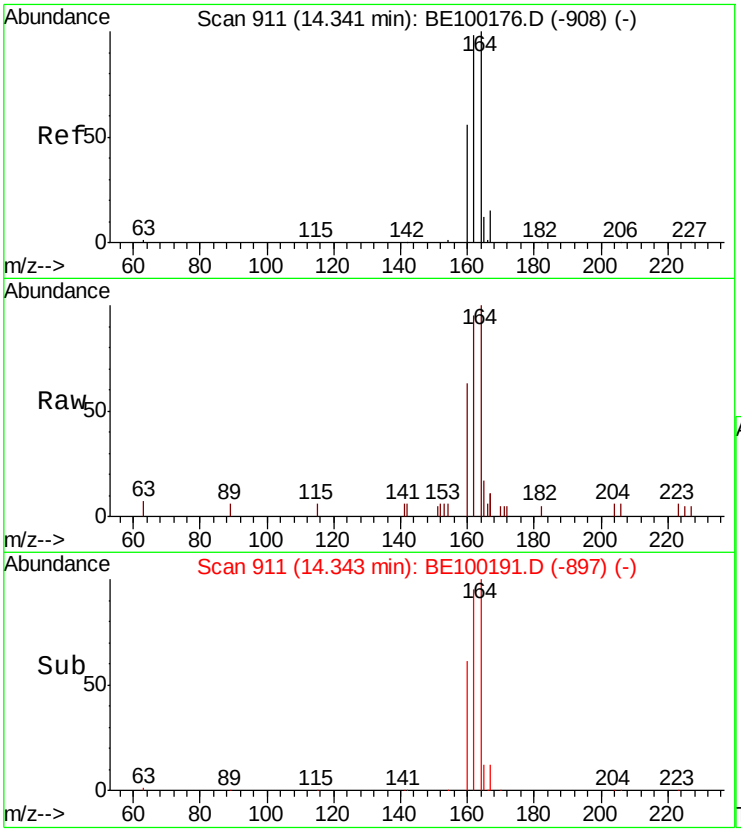


#12
2-Methylnaphthalene
Concen: 0.414 ng
RT: 12.15 min Scan# 759
Delta R.T. 0.00 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Tgt Ion:142 Resp: 1390

Ion	Ratio	Lower	Upper
142	100		
141	93.0	71.8	107.8
115	52.4	40.4	60.6



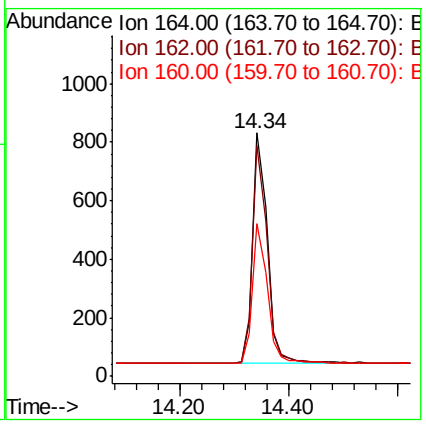


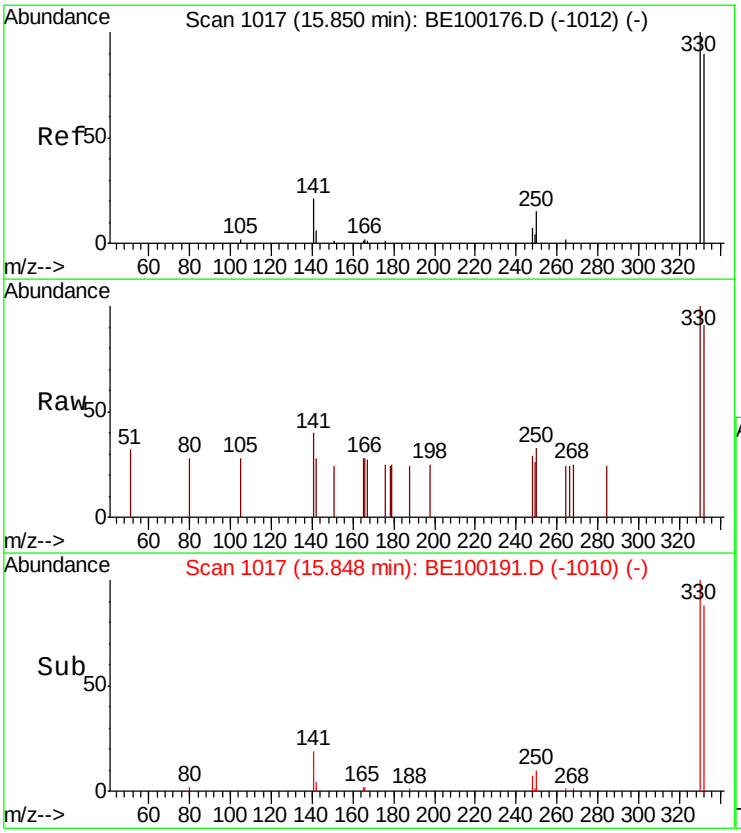
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 911
Delta R.T. 0.00 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Instrument :
BNA_E
ClientSampleId :
PB120737BS

Tgt Ion:164 Resp: 1453

Ion	Ratio	Lower	Upper
164	100		
162	95.0	78.6	118.0
160	63.0	46.9	70.3

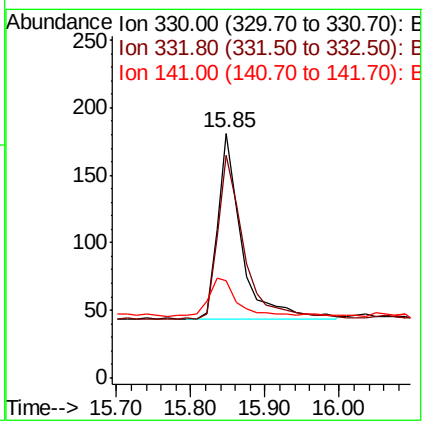


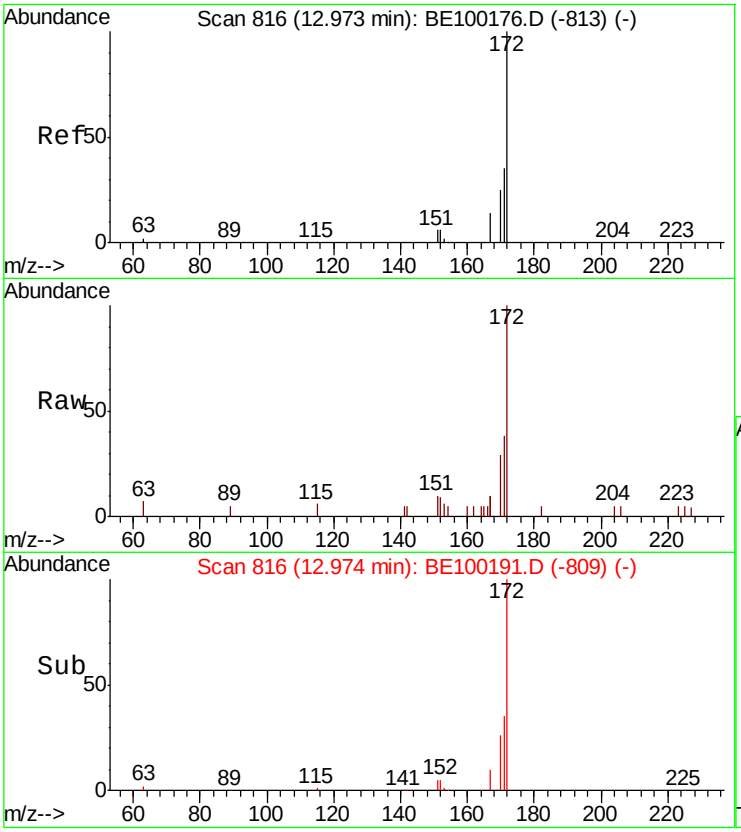


#14
2,4,6-Tribromophenol
Concen: 0.372 ng
RT: 15.85 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Tgt Ion:330 Resp: 313

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.7	116.5
141	22.4	18.9	28.3



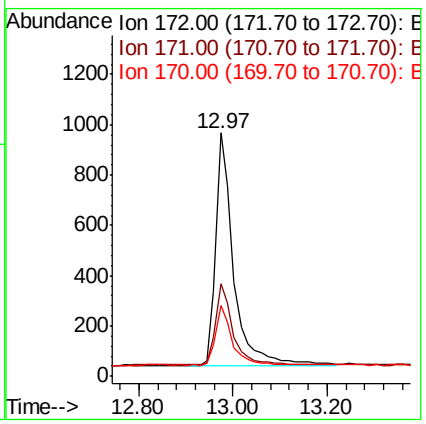


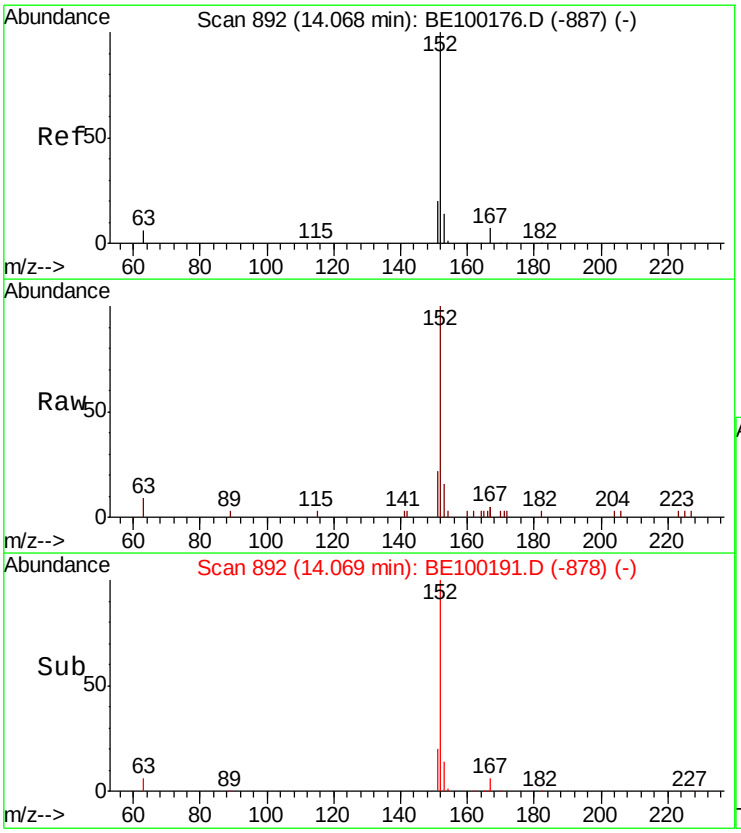
#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 12.97 min Scan# 816
Delta R.T. 0.00 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Instrument :
BNA_E
ClientSampleId :
PB120737BS

Tgt Ion:172 Resp: 2434

Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.0	46.4
170	29.3	23.9	35.9

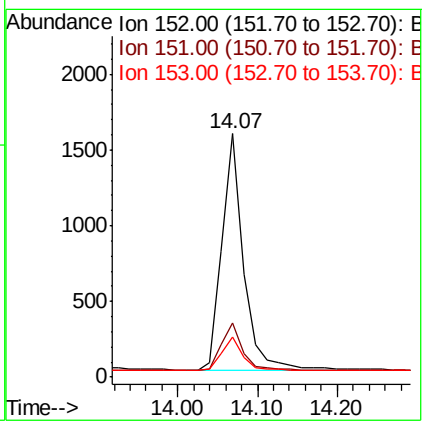


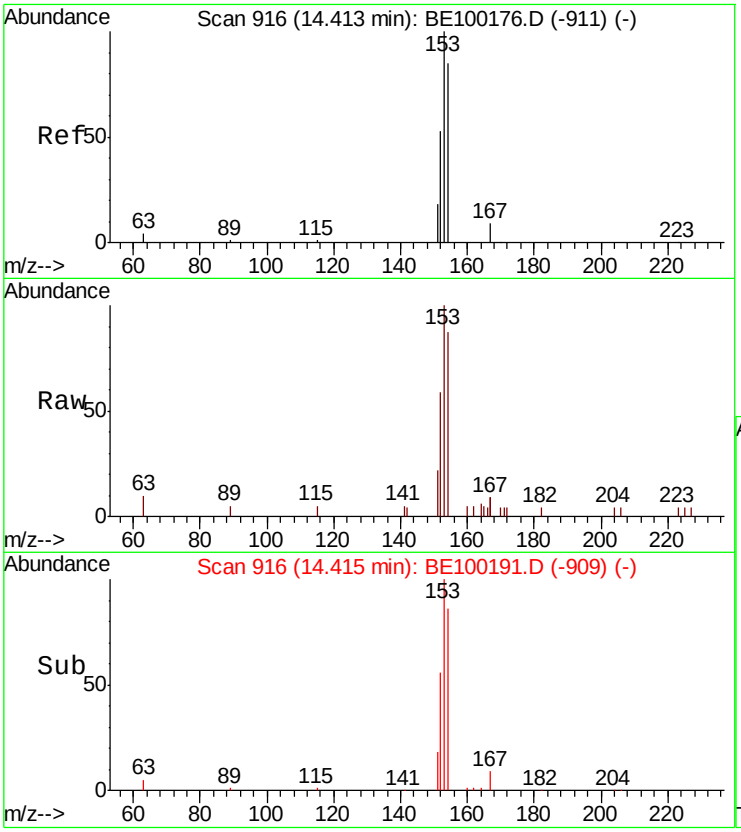


#16
Acenaphthylene
Concen: 0.413 ng
RT: 14.07 min Scan# 892
Delta R.T. 0.00 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Tgt Ion:152 Resp: 2927

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.4	23.0
153	14.0	10.8	16.2



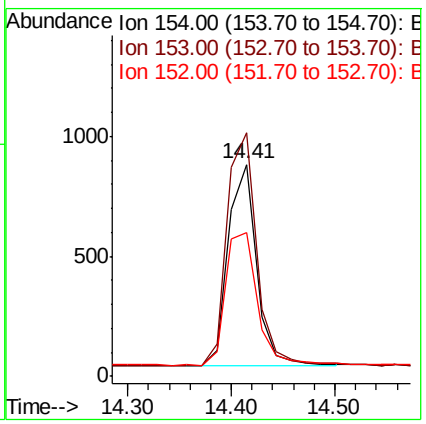


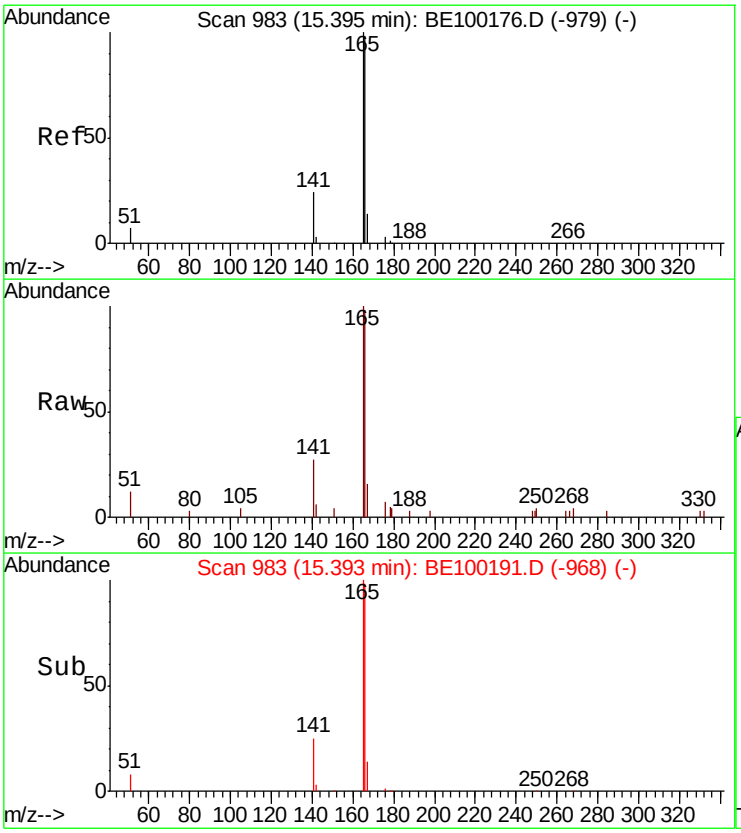
#17
Acenaphthene
Concen: 0.396 ng
RT: 14.41 min Scan# 916
Delta R.T. 0.00 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Instrument :
BNA_E
ClientSampleId :
PB120737BS

Tgt Ion:154 Resp: 1573

Ion	Ratio	Lower	Upper
154	100		
153	123.6	95.3	142.9
152	74.8	52.9	79.3

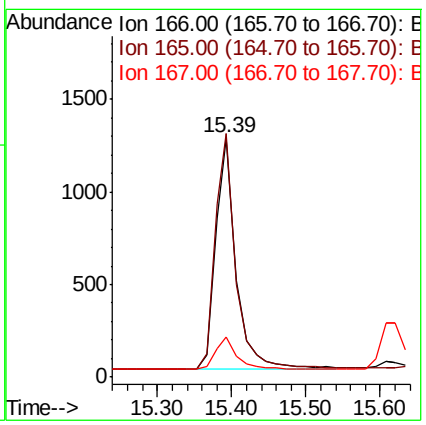


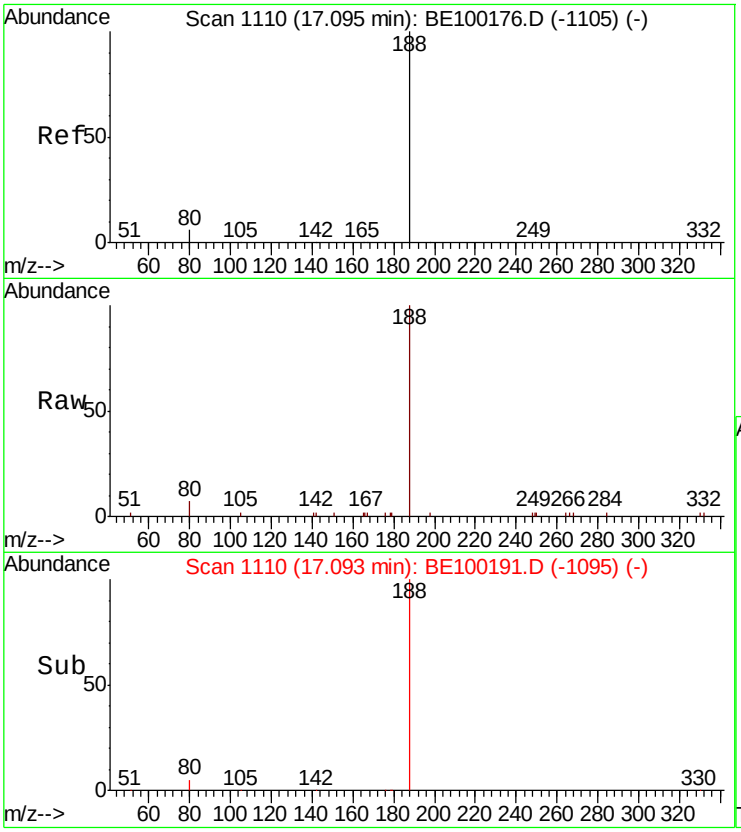


#18
Fluorene
Concen: 0.419 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.00 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Tgt Ion:166 Resp: 2406

Ion	Ratio	Lower	Upper
166	100		
165	101.8	81.0	121.4
167	13.6	11.4	17.0



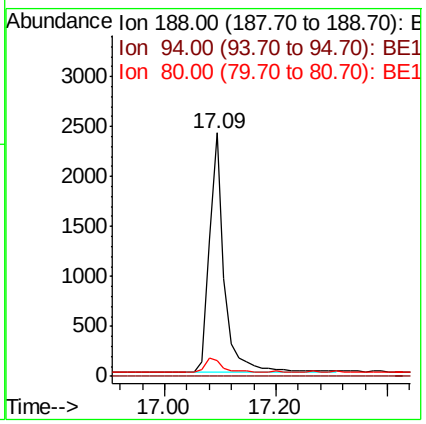


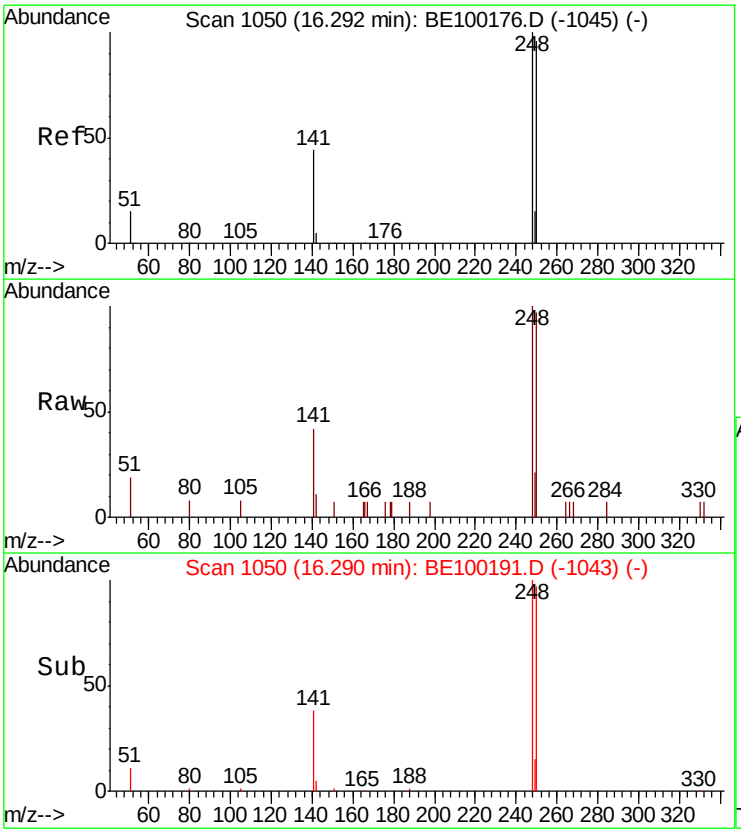
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Instrument :
BNA_E
ClientSampleId :
PB120737BS

Tgt Ion:188 Resp: 4451

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

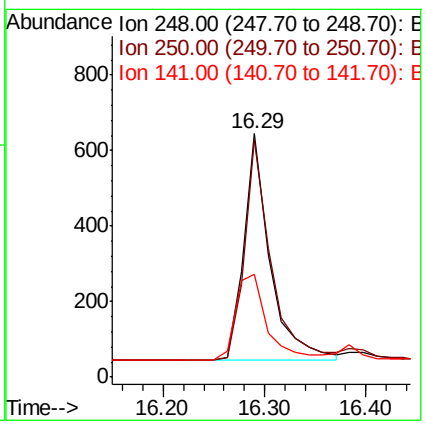


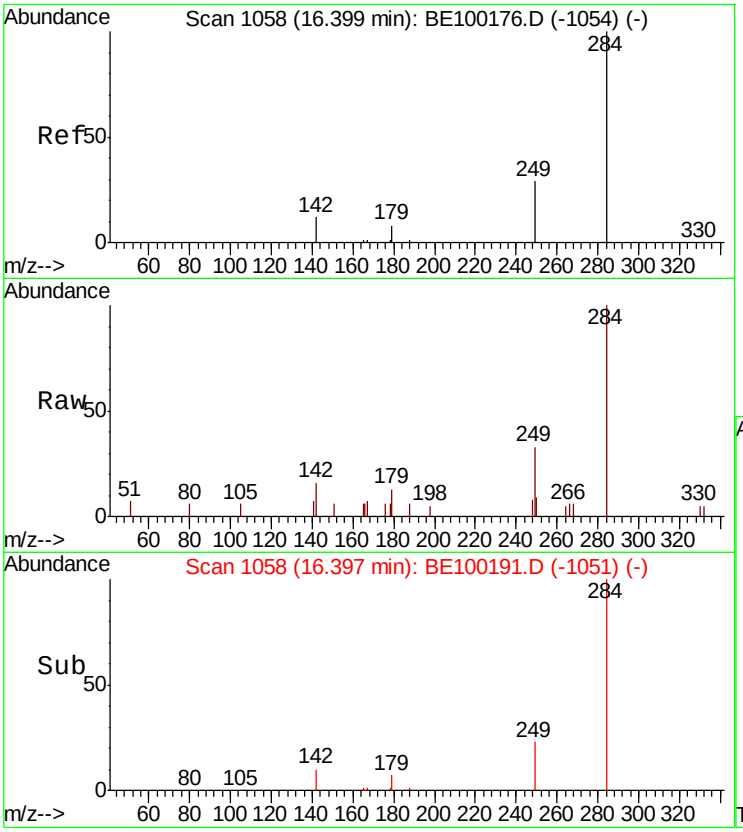


#20
4-Bromophenyl-phenylether
Concen: 0.396 ng
RT: 16.29 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Tgt Ion:248 Resp: 1095

Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.1	115.7
141	42.2	39.5	59.3



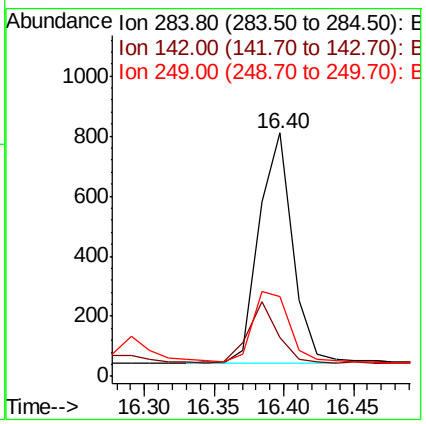


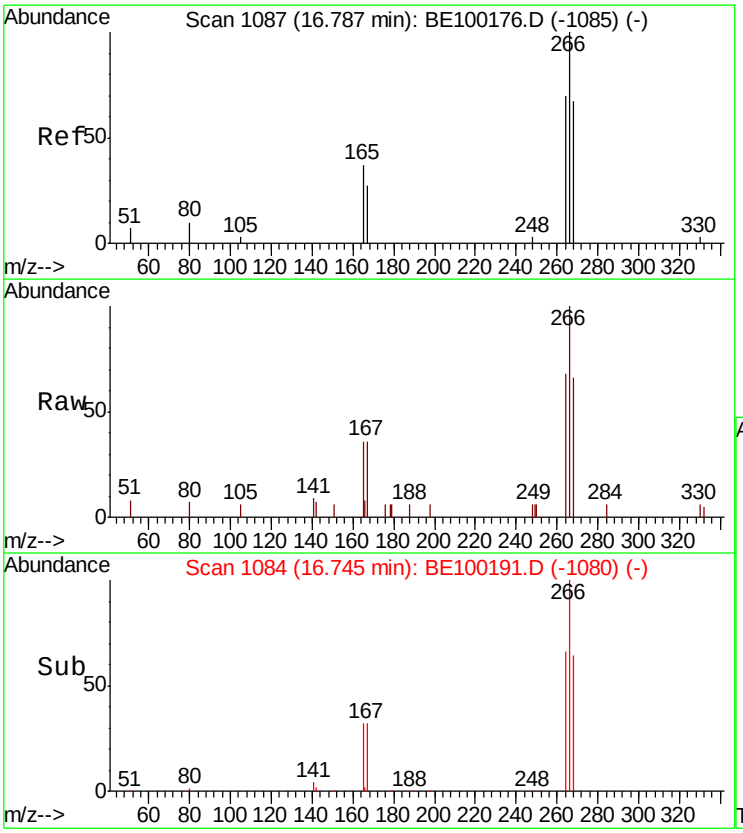
#21
Hexachlorobenzene
Concen: 0.424 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Instrument :
BNA_E
ClientSampleId :
PB120737BS

Tgt Ion:284 Resp: 1286

Ion	Ratio	Lower	Upper
284	100		
142	23.5	20.1	30.1
249	32.7	26.2	39.4

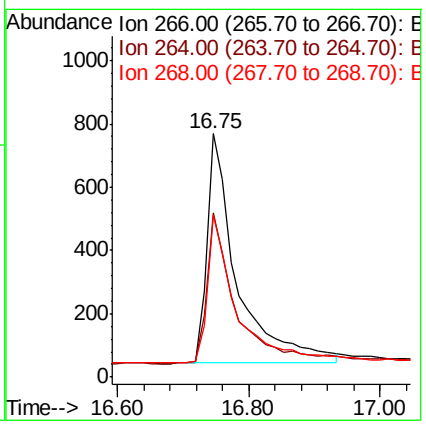


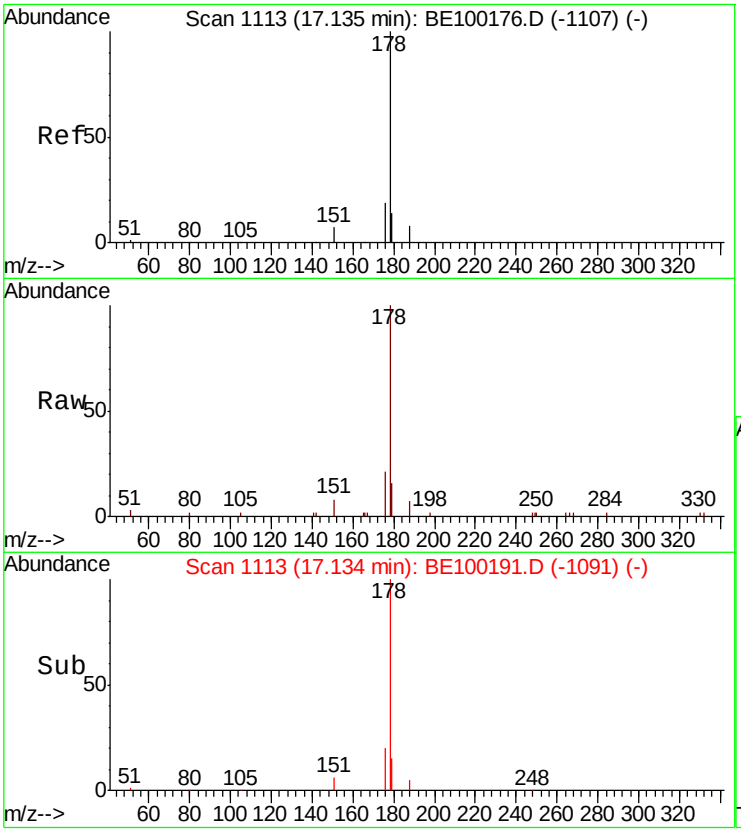


#22
Pentachlorophenol
Concen: 2.511 ng
RT: 16.75 min Scan# 1084
Delta R.T. -0.04 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Tgt Ion:266 Resp: 2286

Ion	Ratio	Lower	Upper
266	100		
264	67.6	67.7	101.5#
268	66.2	69.8	104.6#



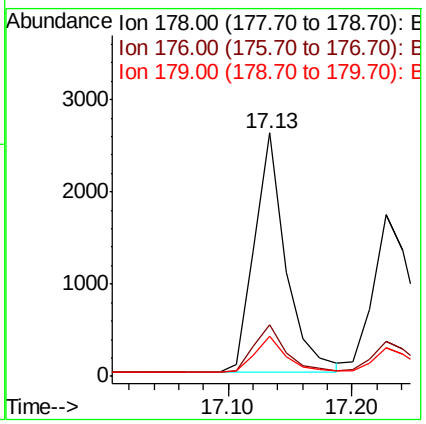


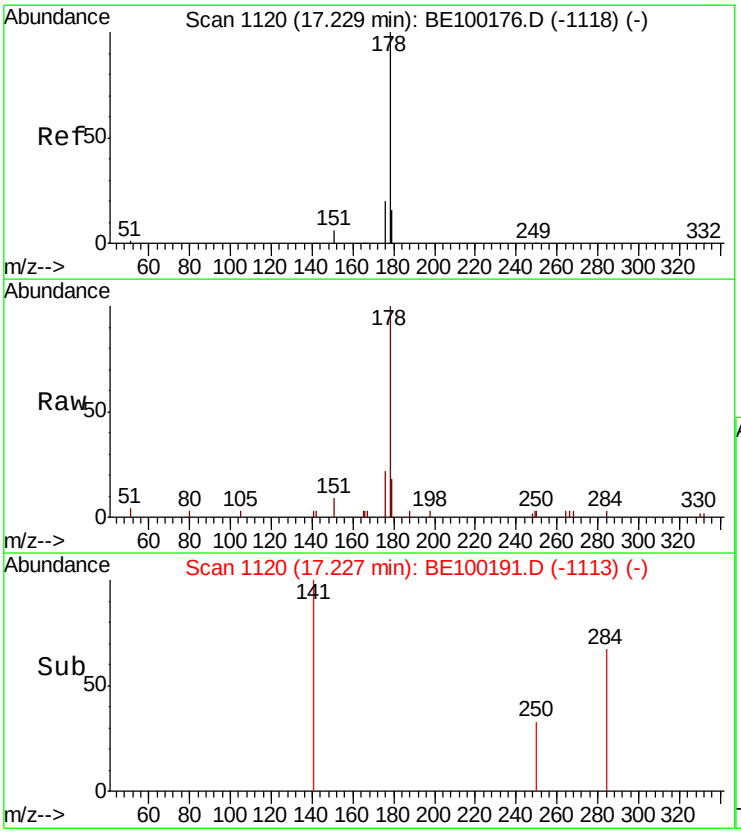
#23
Phenanthrene
Concen: 0.434 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Instrument :
BNA_E
ClientSampleId :
PB120737BS

Tgt Ion:178 Resp: 4577

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.5	23.3
179	14.9	12.2	18.2

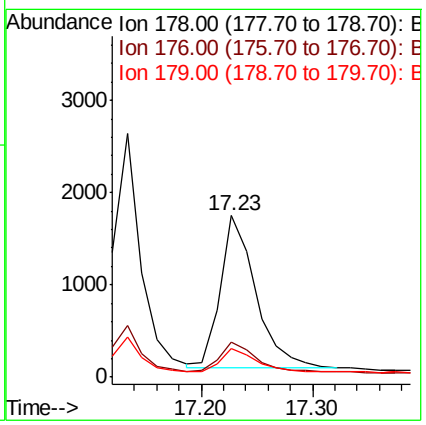


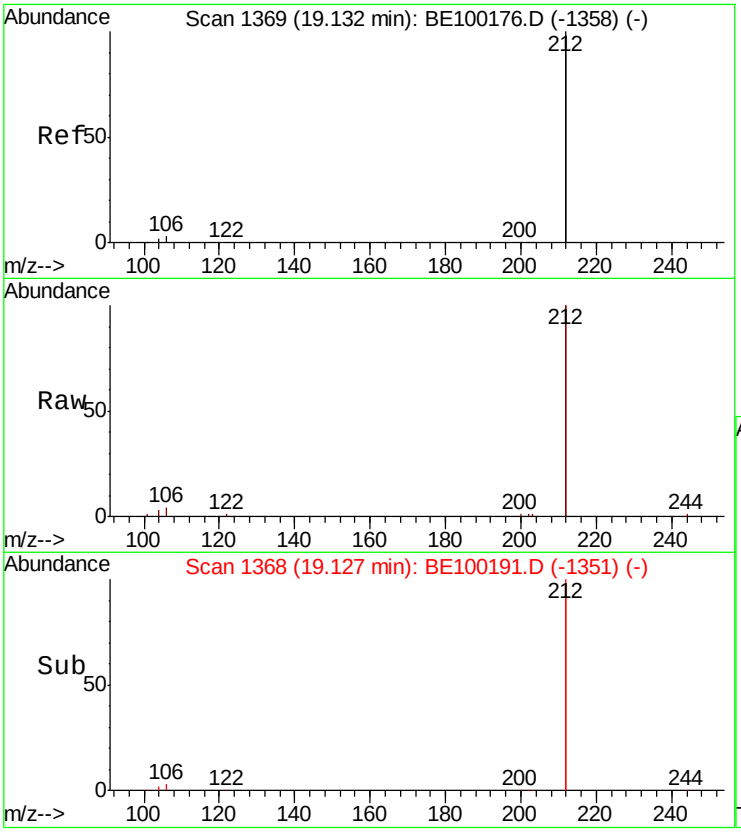


#24
Anthracene
Concen: 0.407 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Tgt Ion:178 Resp: 3628

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.4	12.9	19.3



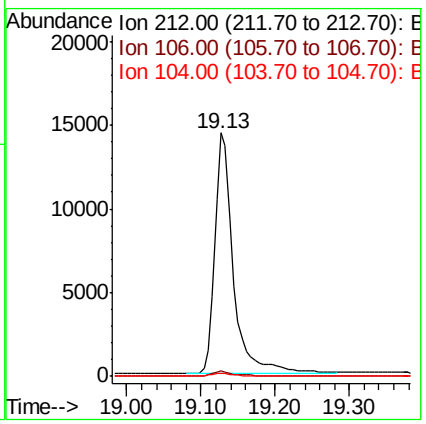


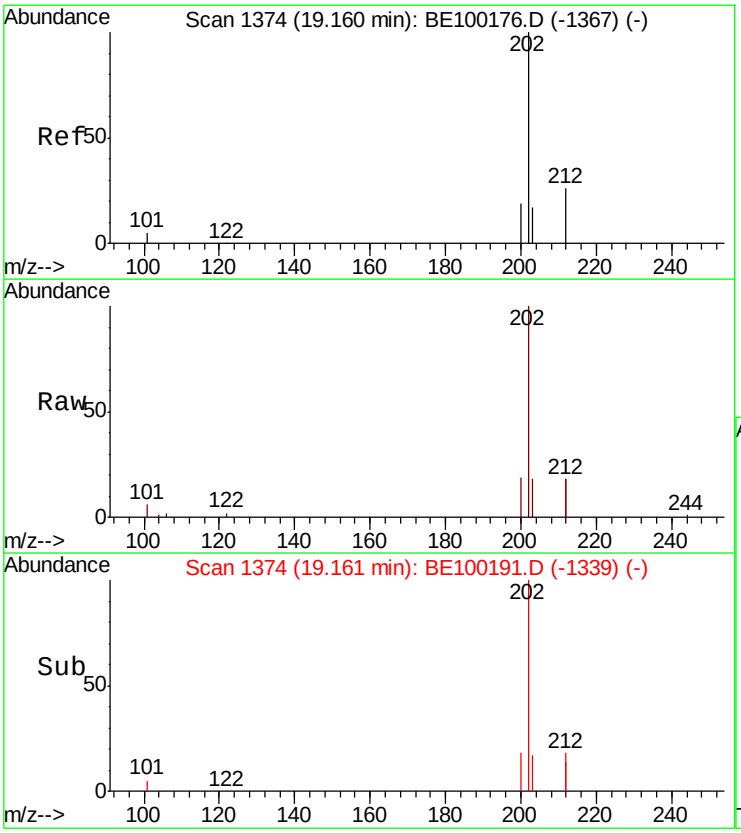
#25
Fluoranthene-d10
Concen: 0.389 ng
RT: 19.13 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Instrument :
BNA_E
ClientSampleId :
PB120737BS

Tgt Ion:212 Resp: 24938

Ion	Ratio	Lower	Upper
212	100		
106	1.5	1.3	1.9
104	0.9	0.7	1.1

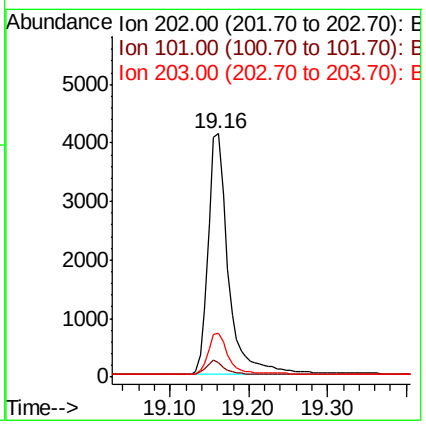


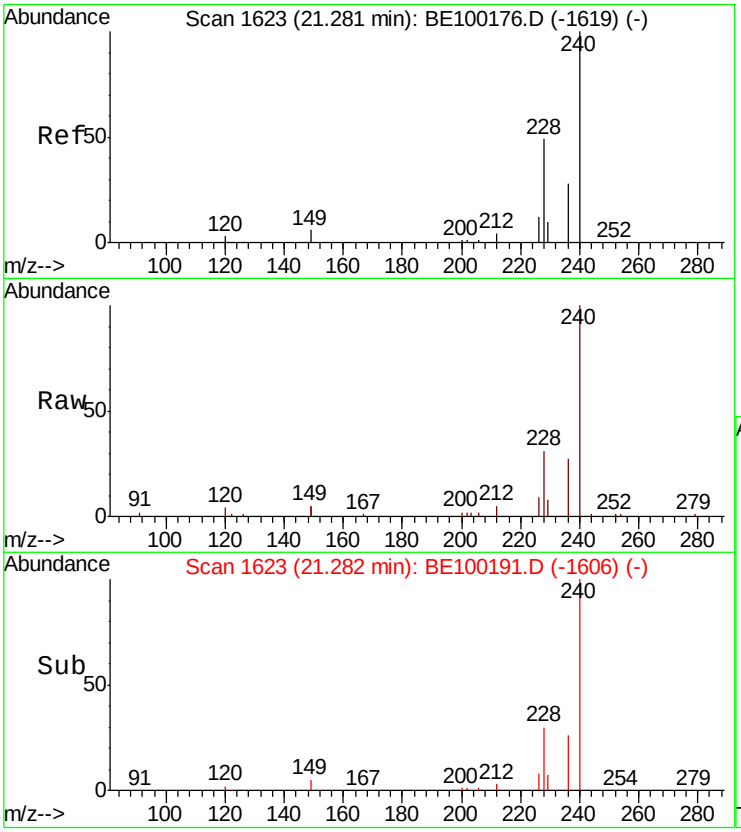


#26
Fluoranthene
Concen: 0.423 ng
RT: 19.16 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Tgt Ion:202 Resp: 7257

Ion	Ratio	Lower	Upper
202	100		
101	5.8	4.5	6.7
203	16.8	13.7	20.5



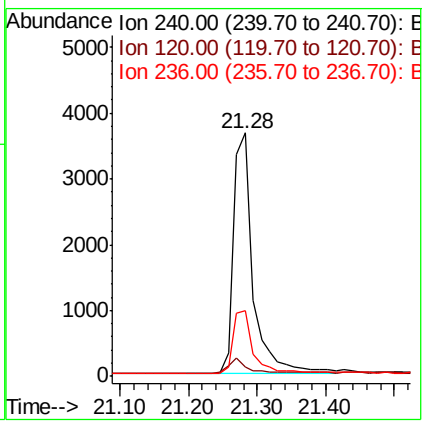


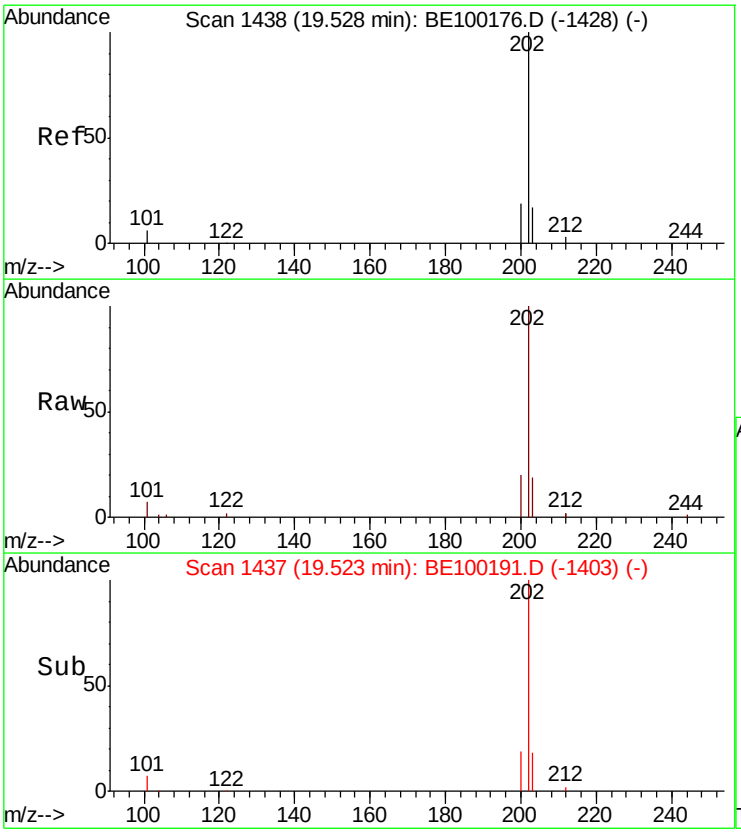
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Instrument :
BNA_E
ClientSampleId :
PB120737BS

Tgt Ion:240 Resp: 7222

Ion	Ratio	Lower	Upper
240	100		
120	3.7	4.1	6.1#
236	27.1	23.0	34.6

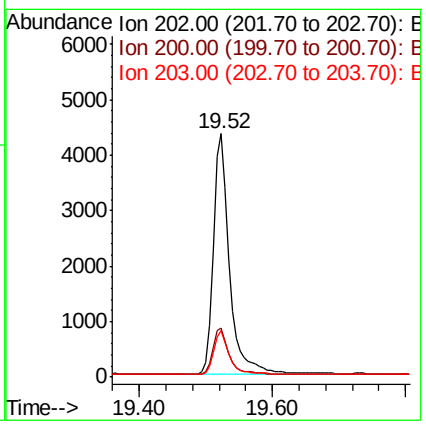


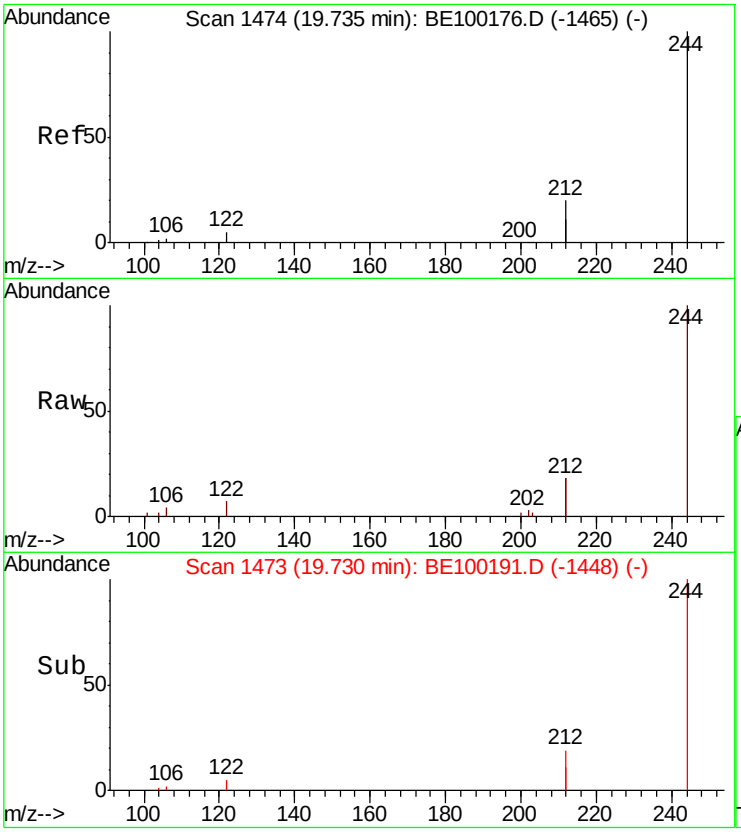


#28
Pyrene
Concen: 0.392 ng
RT: 19.52 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Tgt Ion:202 Resp: 7253

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.5	23.3
203	17.6	13.9	20.9



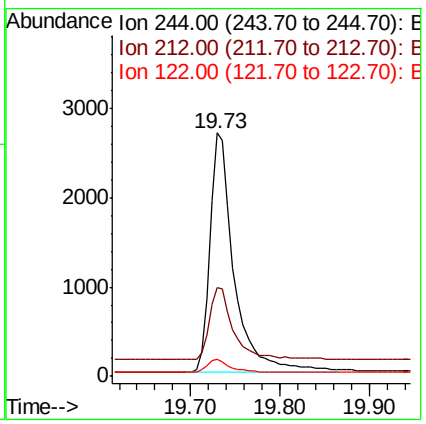


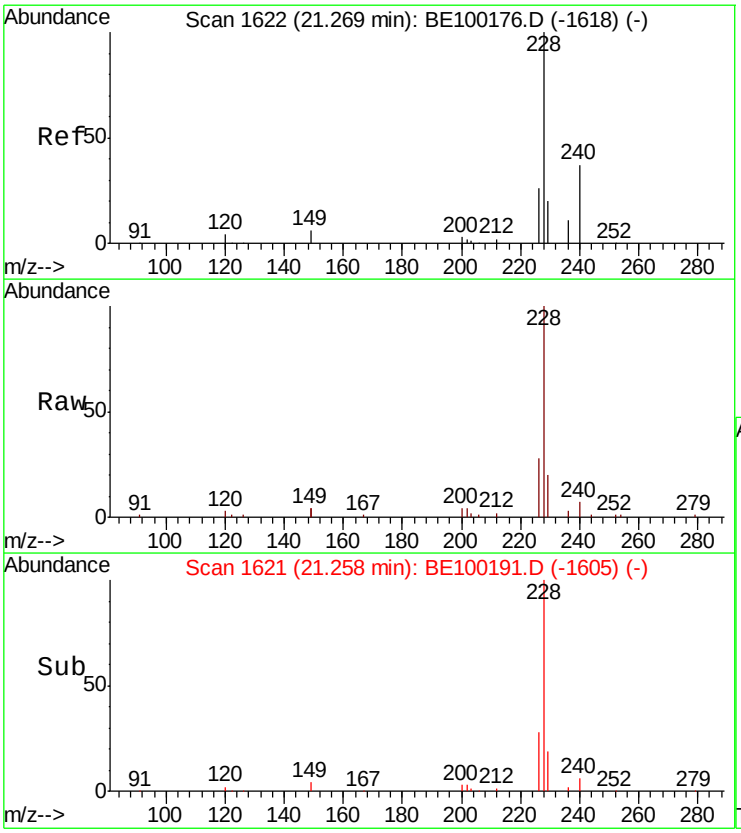
#29
Terphenyl-d14
Concen: 0.357 ng
RT: 19.73 min Scan# 1473
Delta R.T. -0.00 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Instrument :
BNA_E
ClientSampleId :
PB120737BS

Tgt Ion:244 Resp: 5056

Ion	Ratio	Lower	Upper
244	100		
212	36.4	30.7	46.1
122	6.9	5.8	8.6

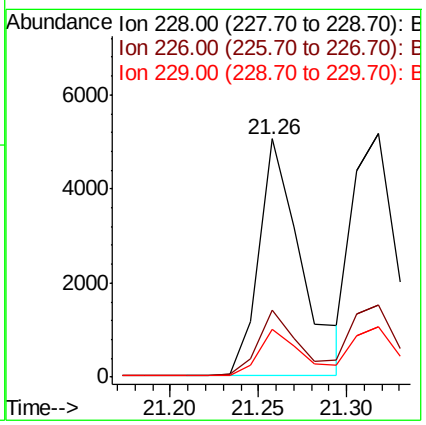


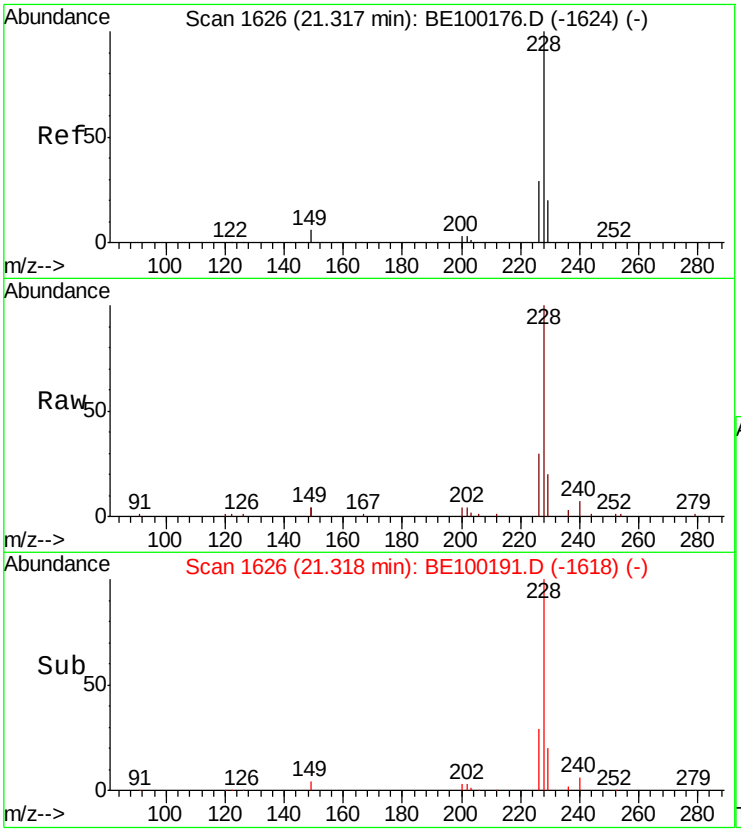


#30
Benzo(a)anthracene
Concen: 0.392 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Tgt Ion:228 Resp: 8340

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.5	32.3
229	19.8	17.2	25.8



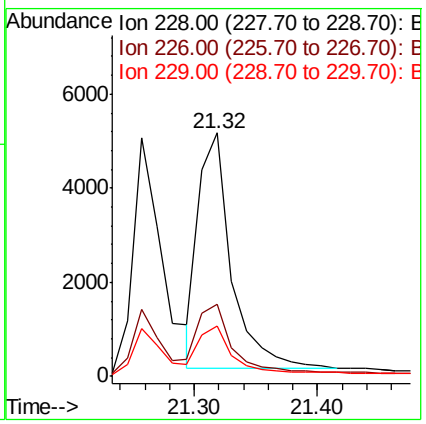


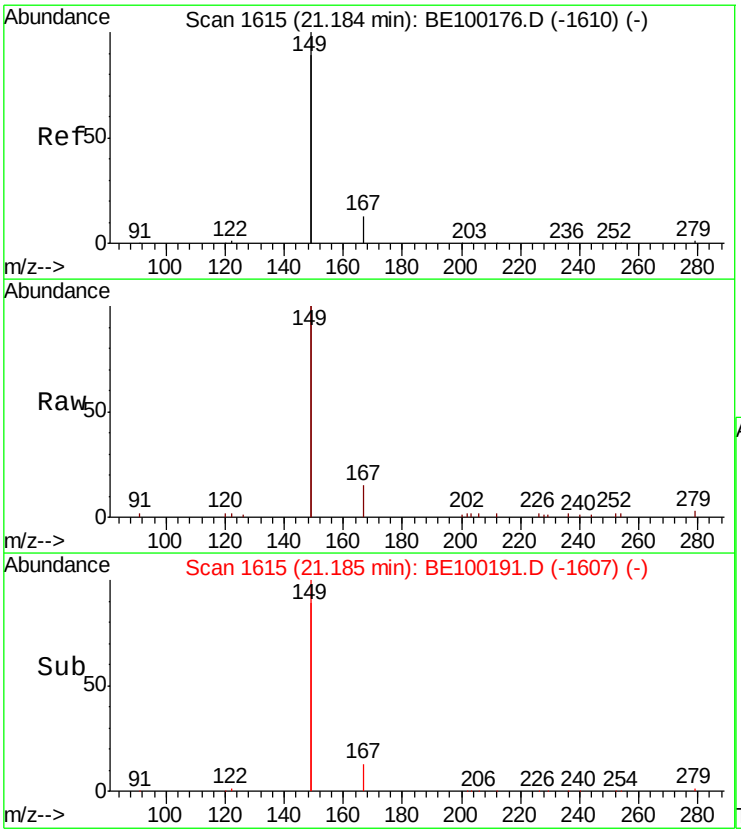
#31
Chrysene
Concen: 0.369 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Instrument :
BNA_E
ClientSampleId :
PB120737BS

Tgt Ion:228 Resp: 9205

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.7	35.5
229	20.4	16.5	24.7

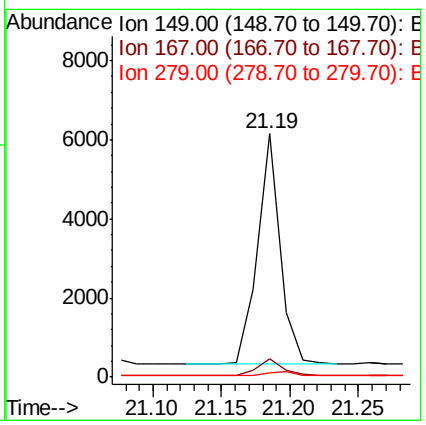


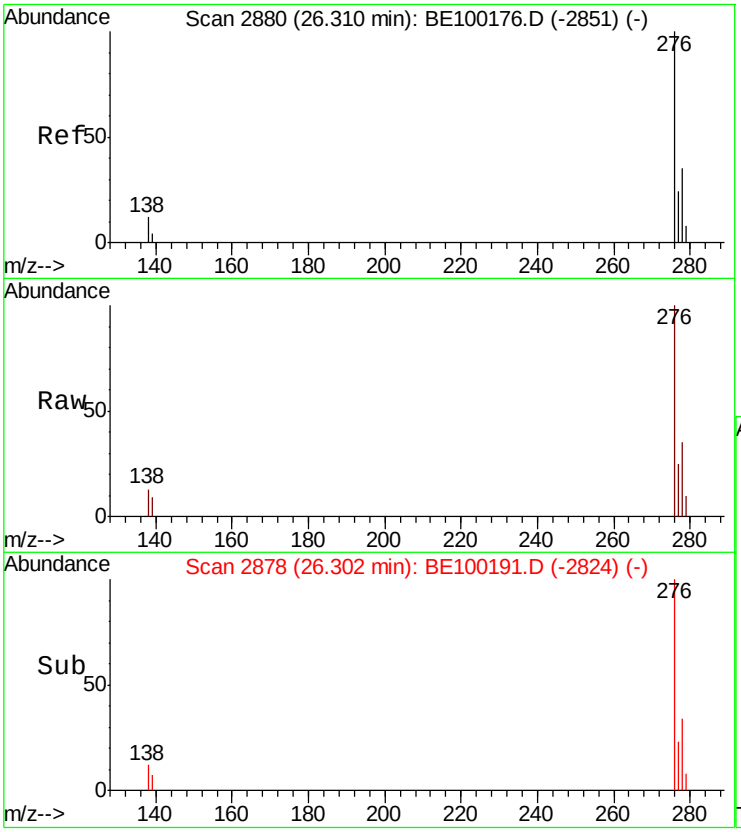


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.274 ng
RT: 21.19 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Tgt Ion:149 Resp: 6717

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.9	8.9
279	1.8	1.0	1.6#



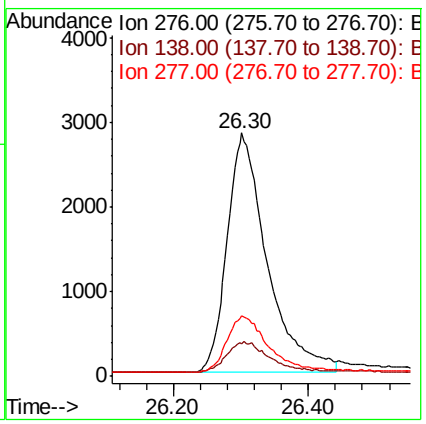


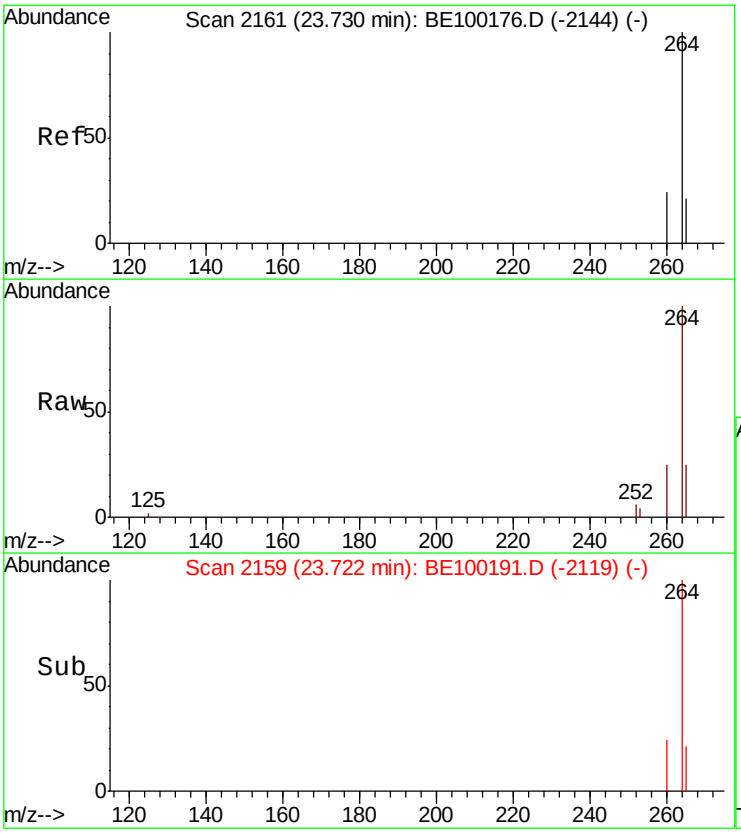
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.328 ng
RT: 26.30 min Scan# 2878
Delta R.T. -0.01 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Instrument :
BNA_E
ClientSampleId :
PB120737BS

Tgt Ion:276 Resp: 11659

Ion	Ratio	Lower	Upper
276	100		
138	13.3	3.7	5.5#
277	24.6	18.7	28.1

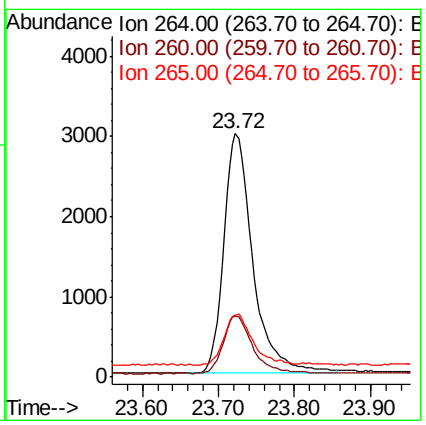


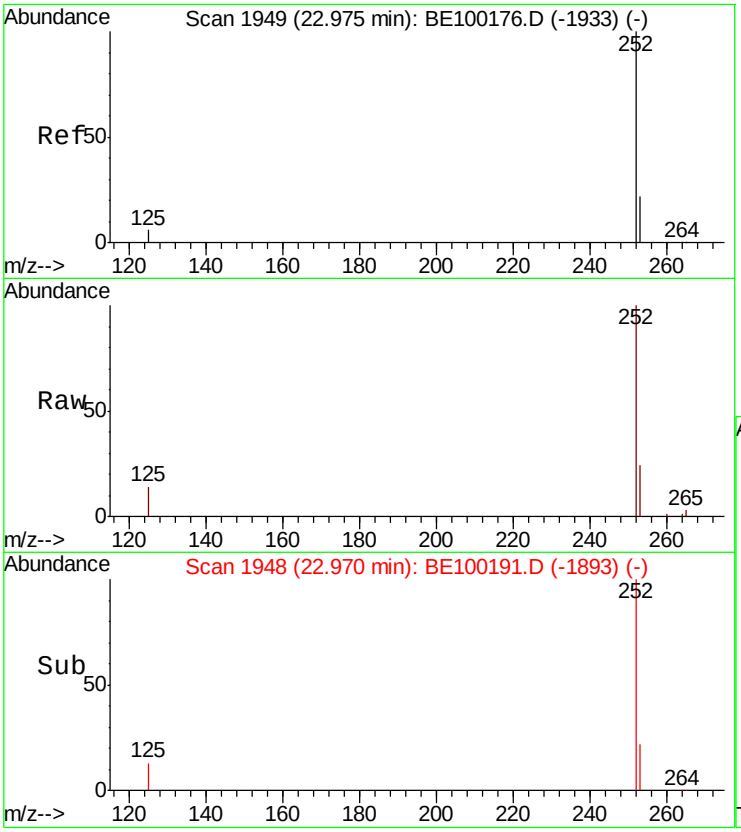


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.72 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Tgt Ion:264 Resp: 7942

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.4	30.6
265	25.3	22.5	33.7



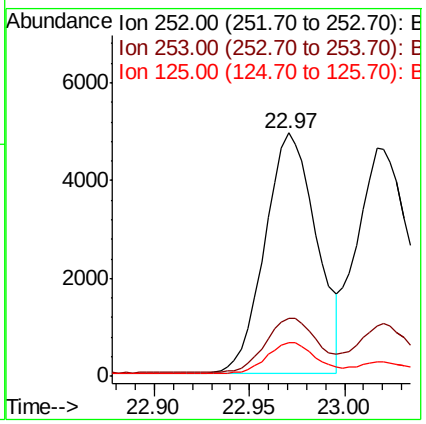


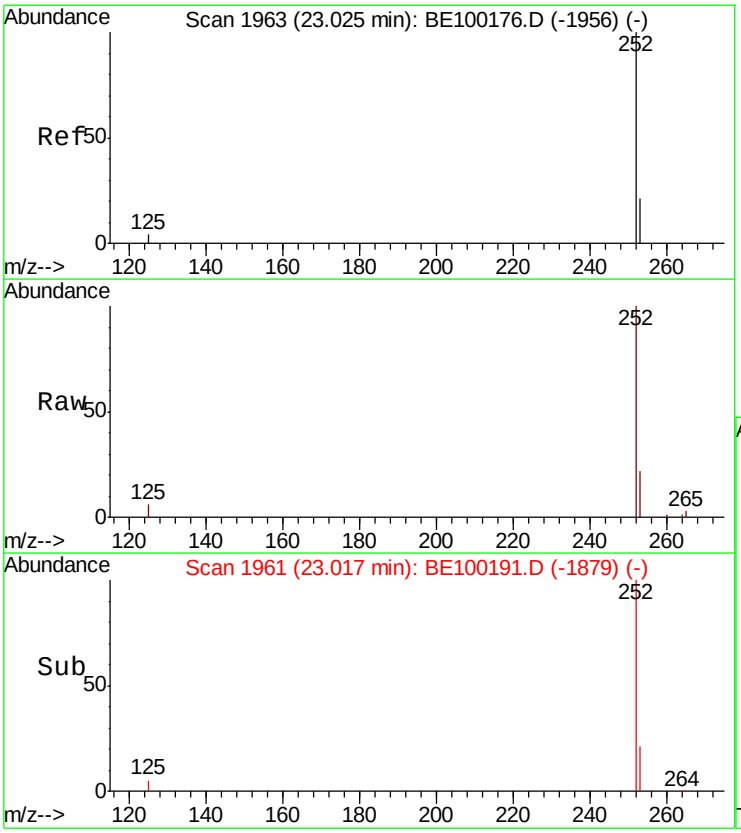
#35
Benzo(b)fluoranthene
Concen: 0.435 ng
RT: 22.97 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Instrument :
BNA_E
ClientSampleId :
PB120737BS

Tgt Ion:252 Resp: 9294

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.0	28.4
125	14.1	6.3	9.5#

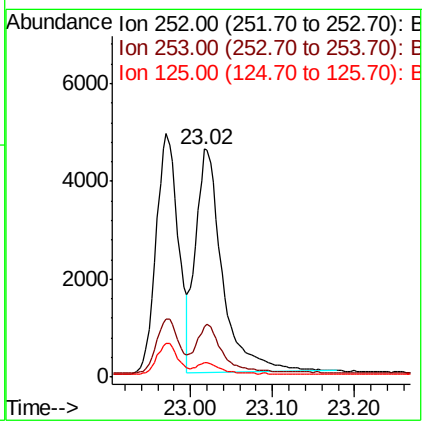


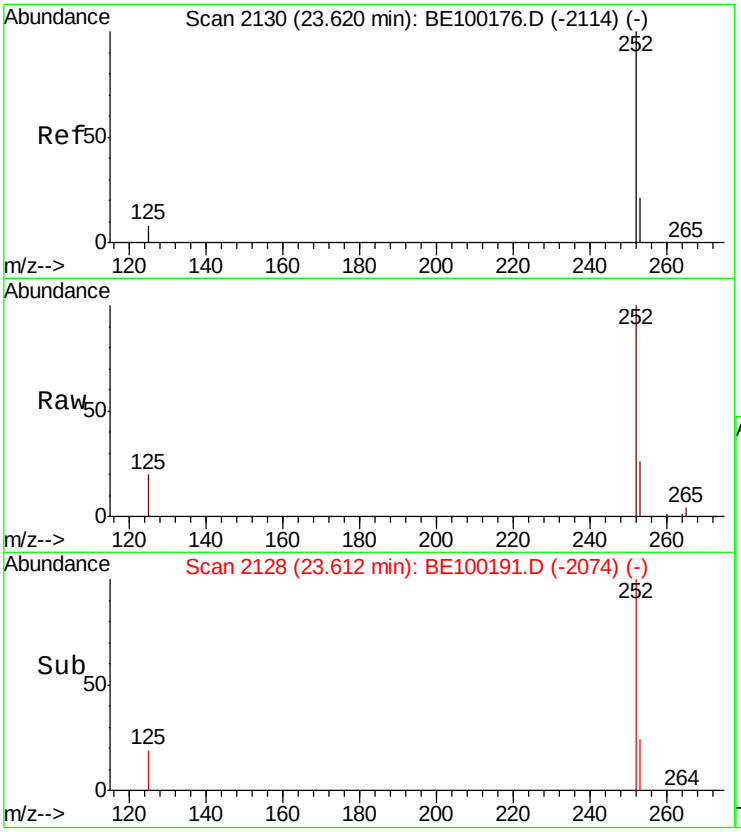


#36
Benzo(k)fluoranthene
Concen: 0.410 ng
RT: 23.02 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Tgt Ion:252 Resp: 10471

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	6.3	5.0	7.4



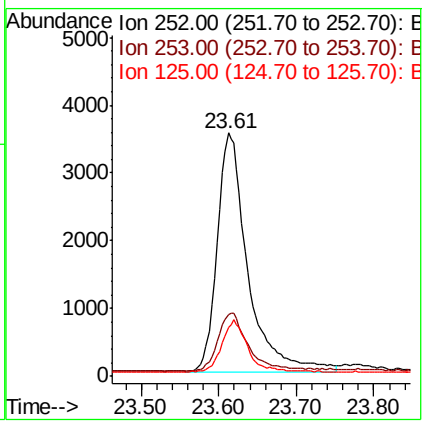


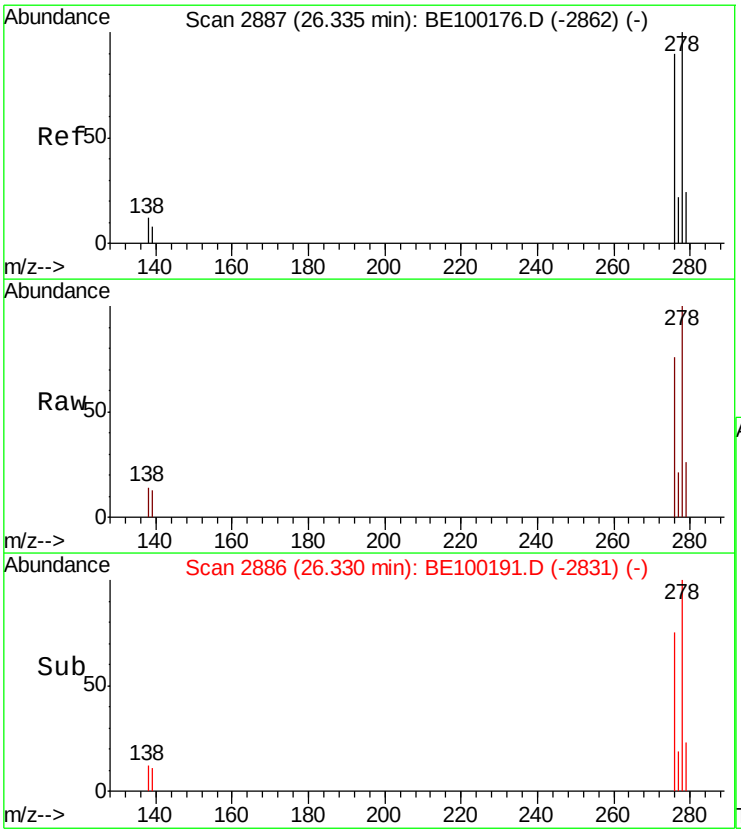
#37
Benzo(a)pyrene
Concen: 0.434 ng
RT: 23.61 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Instrument :
BNA_E
ClientSampleId :
PB120737BS

Tgt Ion:252 Resp: 9616

Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.2	28.8
125	20.3	8.2	12.2#

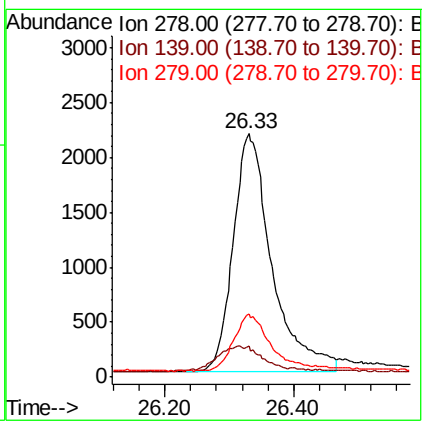


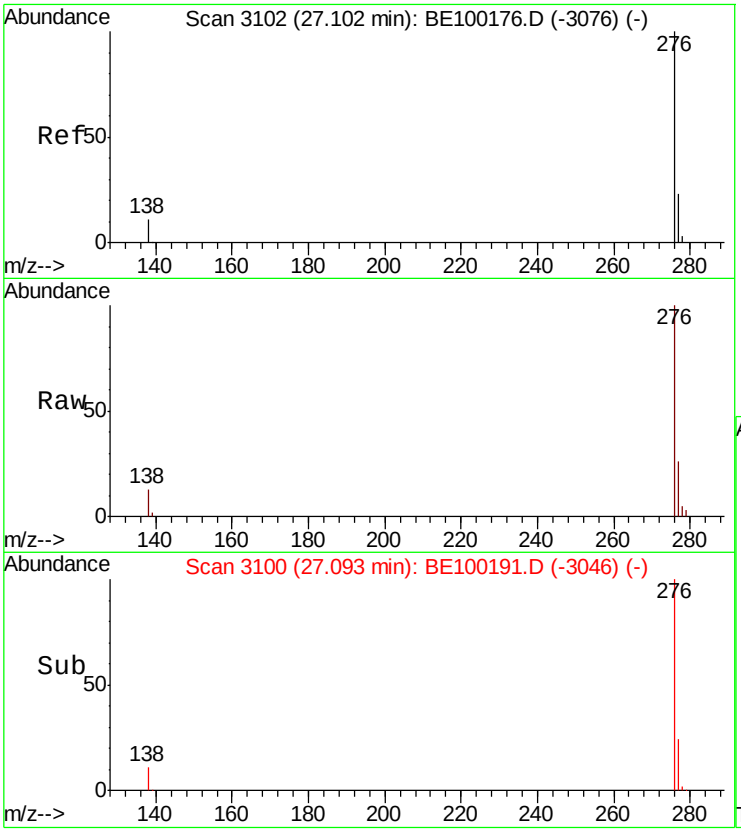


#38
Dibenzo(a,h)anthracene
Concen: 0.384 ng
RT: 26.33 min Scan# 2886
Delta R.T. -0.01 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Tgt Ion:278 Resp: 9102

Ion	Ratio	Lower	Upper
278	100		
139	12.6	9.0	13.4
279	25.7	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.386 ng
RT: 27.09 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BE100191.D
Acq: 26 Jun 2019 12:43

Instrument :
BNA_E
ClientSampleId :
PB120737BS

Tgt Ion:276 Resp: 9553

Ion	Ratio	Lower	Upper
276	100		
277	25.9	19.8	29.6
138	12.7	10.2	15.4