Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122719\
Data File : BE100990.D
Acq On : 27 Dec 2019 13:07
Operator : JU
Sample : PB125417BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB125417BS

Quant Time: Dec 27 22:43:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 17:39:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2240	0.40	ng		0.00
7) Naphthalene-d8	10.52	136	11537	0.40	ng		0.00
13) Acenaphthene-d10	14.37	164	7123	0.40	ng		-0.01
19) Phenanthrene-d10	17.11	188	16374	0.40	ng		-0.01
27) Chrysene-d12	21.29	240	14621	0.40	ng		0.00
34) Perylene-d12	23.72	264	16679	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	1486	0.39	ng		0.00
5) Phenol-d6	6.97	99	1564	0.39	ng		-0.02
8) Nitrobenzene-d5	8.91	82	2199	0.46	ng		0.00
11) 2-Methylnaphthalene-d10	12.12	152	7223	0.43	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	527	0.44	ng		0.00
15) 2-Fluorobiphenyl	13.02	172	10951	0.43	ng		0.00
25) Fluoranthene-d10	19.14	212	76024	0.38	ng		0.00
29) Terphenyl-d14	19.75	244	14974	0.45	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	2436	0.292	ng	#	84
3) n-Nitrosodimethylamine	3.66	42	360	0.443	ng	#	20
6) bis(2-Chloroethyl)ether	7.18	93	2104	0.260	ng		84
9) Naphthalene	10.57	128	50847	0.415	ng		100
10) Hexachlorobutadiene	10.86	225	2301	0.424	ng		100
12) 2-Methylnaphthalene	12.20	142	7009	0.377	ng		99
16) Acenaphthylene	14.10	152	9344	0.351	ng		98
17) Acenaphthene	14.44	154	7916	0.409	ng		98
18) Fluorene	15.42	166	9849	0.409	ng		99
20) 4-Bromophenyl-phenylether	16.32	248	2753	0.383	ng		96
21) Hexachlorobenzene	16.42	284	3305	0.389	ng		99
22) Pentachlorophenol	16.79	266	320	0.406	ng		98
23) Phenanthrene	17.16	178	16605	0.393	ng		100
24) Anthracene	17.25	178	9447	0.221	ng		97
26) Fluoranthene	19.17	202	21414	0.372	ng		99
28) Pyrene	19.53	202	22550	0.441	ng		100
30) Benzo(a)anthracene	21.27	228	14895	0.416	ng		99
31) Chrysene	21.33	228	18729	0.281	ng		99
32) Bis(2-ethylhexyl)phthalate	21.21	149	24949	0.393	ng		100
33) Indeno(1,2,3-cd)pyrene	26.28	276	18608	0.371	ng	#	80
35) Benzo(b)fluoranthene	22.98	252	16204	0.461	ng		99
36) Benzo(k)fluoranthene	23.03	252	25878	0.389	ng		99
37) Benzo(a)pyrene	23.61	252	17575	0.429	ng		98
38) Dibenzo(a,h)anthracene	26.31	278	12132	0.327	ng		96
39) Benzo(g,h,i)perylene	27.06	276	19568	0.447	ng		99

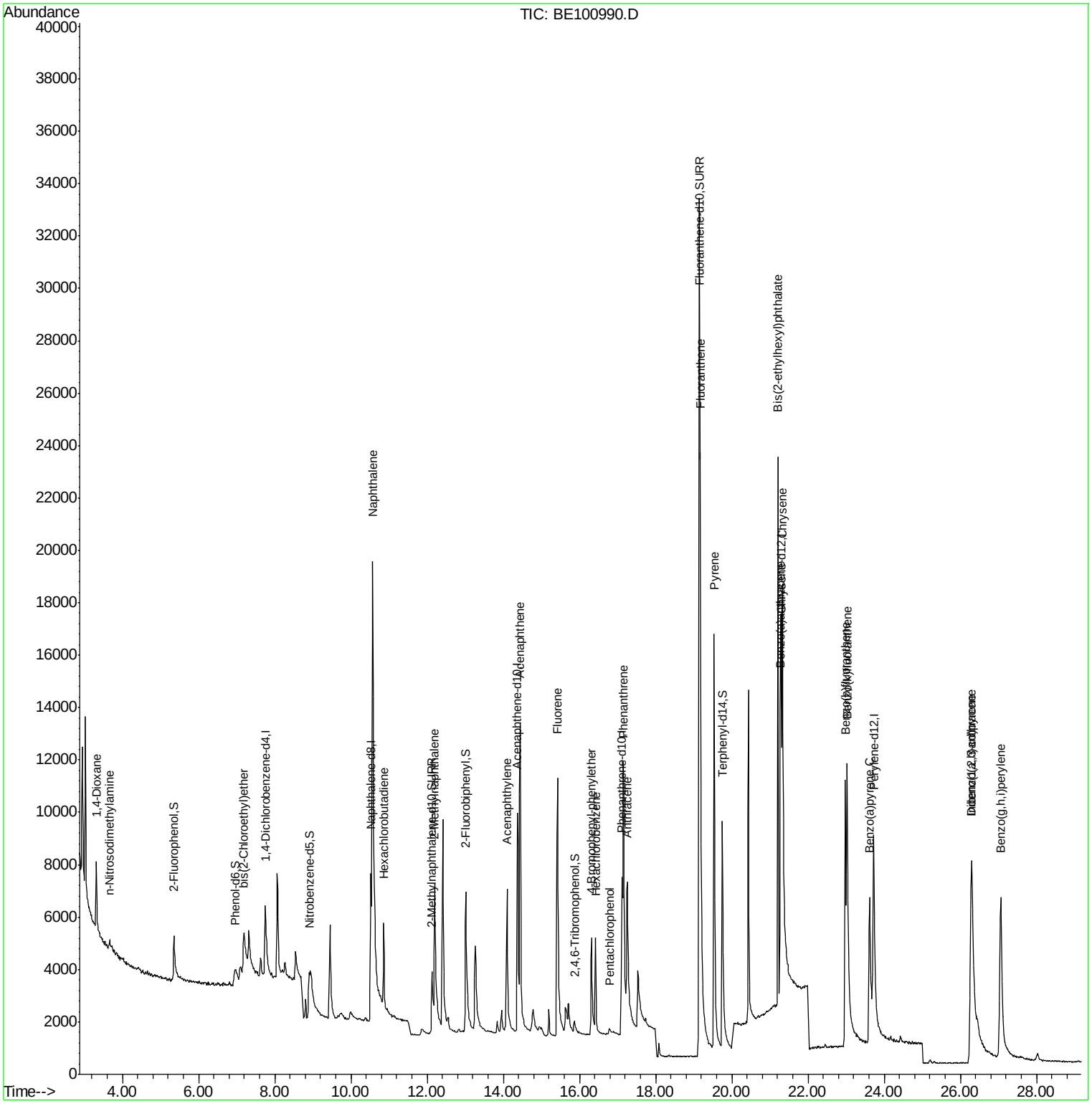
(#) = qualifier out of range (m) = manual integration (+) = signals summed

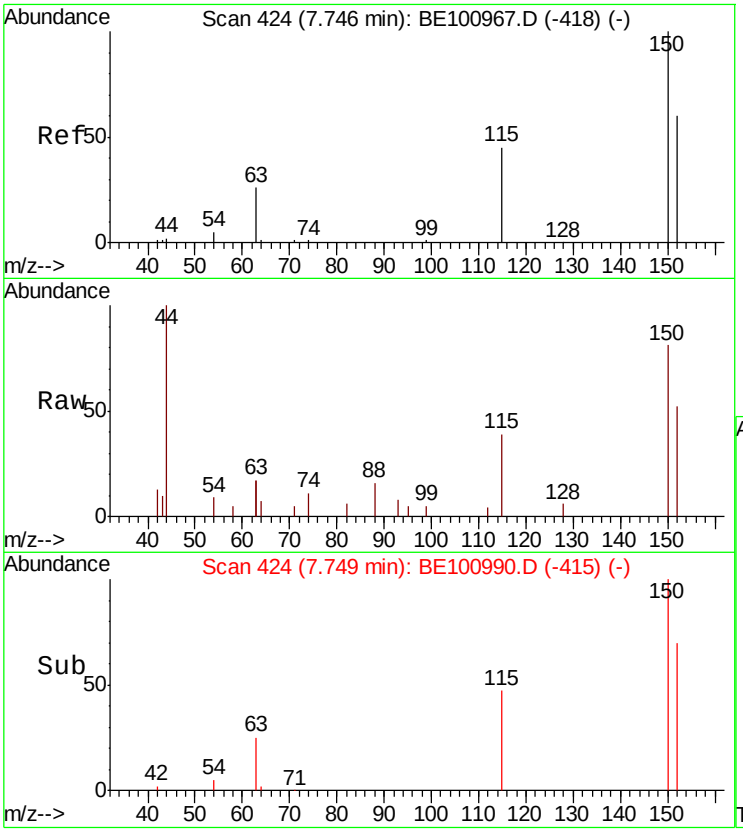
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122719\
Data File : BE100990.D
Acq On : 27 Dec 2019 13:07
Operator : JU
Sample : PB125417BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB125417BS

Quant Time: Dec 27 22:43:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 17:39:05 2019
Response via : Initial Calibration



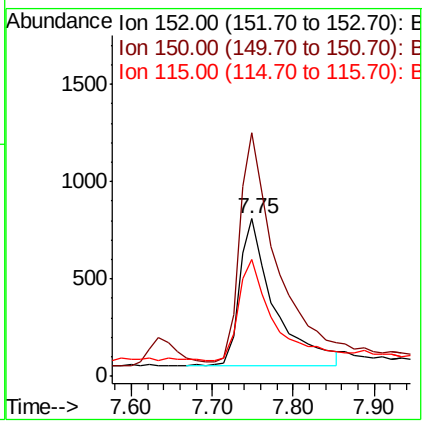


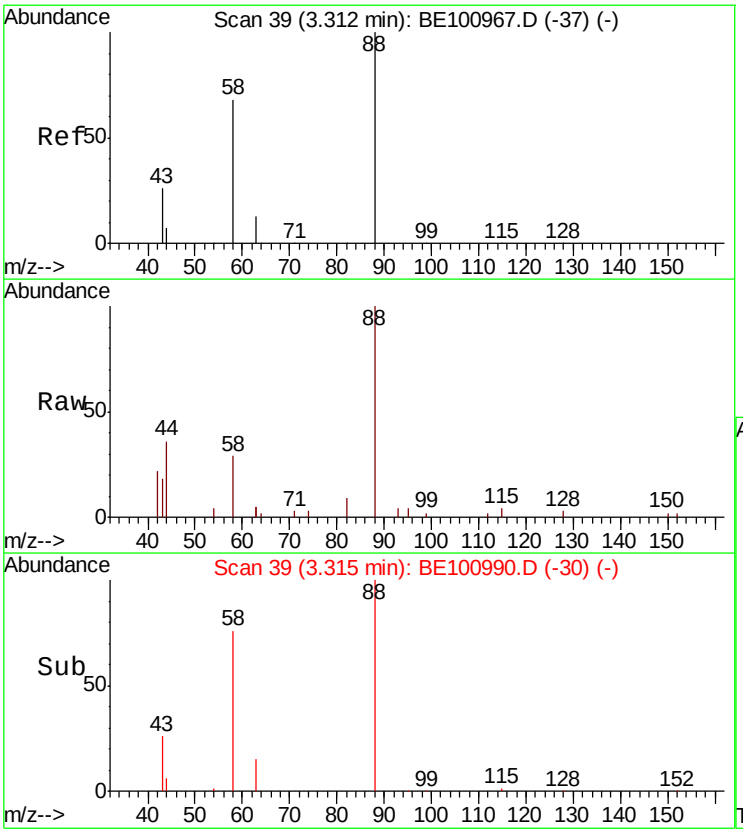
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Instrument :
BNA_E
ClientSampleId :
PB125417BS

Tgt Ion:152 Resp: 2240

Ion	Ratio	Lower	Upper
152	100		
150	154.8	132.6	199.0
115	74.5	64.1	96.1

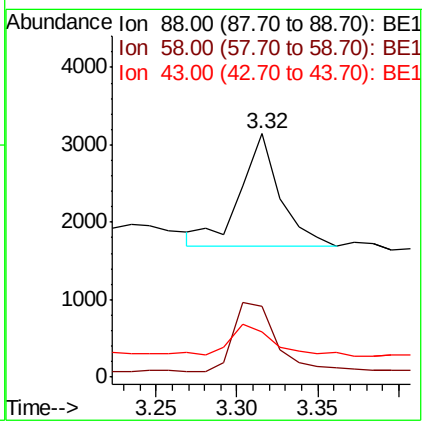


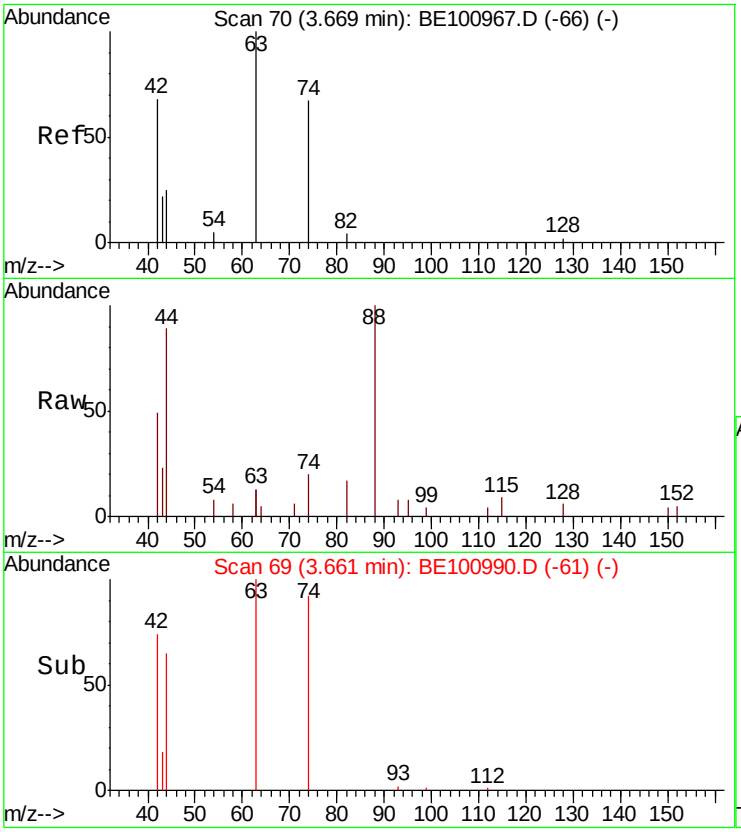


#2
1,4-Dioxane
Concen: 0.292 ng
RT: 3.32 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Tgt Ion: 88 Resp: 2436

Ion	Ratio	Lower	Upper
88	100		
58	67.7	44.2	66.4#
43	32.6	21.0	31.6#



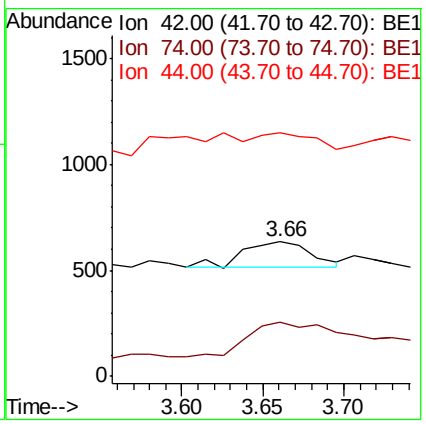


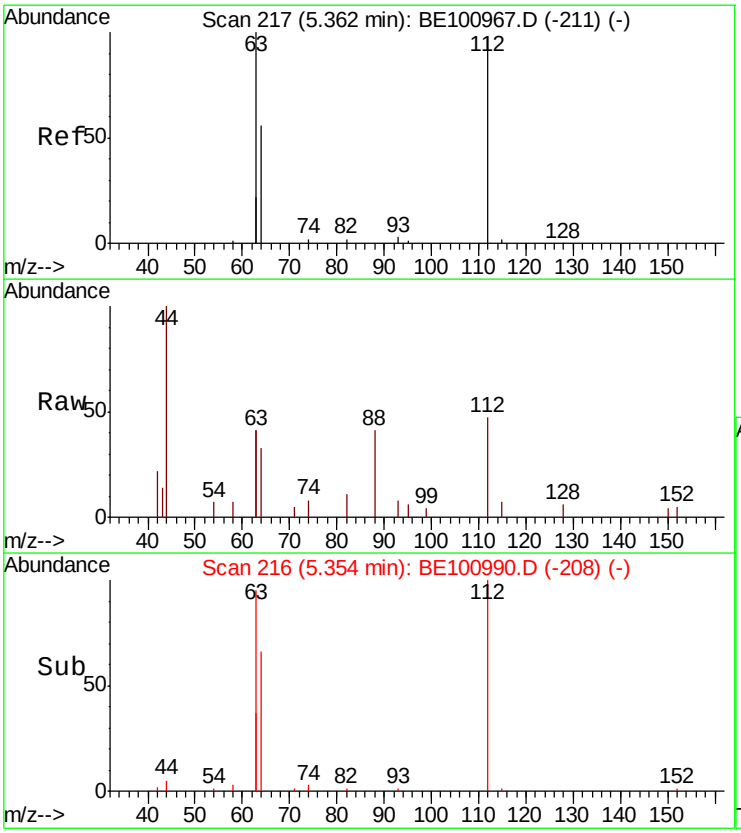
#3
n-Nitrosodimethylamine
Concen: 0.443 ng
RT: 3.66 min Scan# 69
Delta R.T. -0.01 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Instrument :
BNA_E
ClientSampleId :
PB125417BS

Tgt Ion: 42 Resp: 360

Ion	Ratio	Lower	Upper
42	100		
74	245.8	116.6	174.8#
44	0.0	0.0	0.0

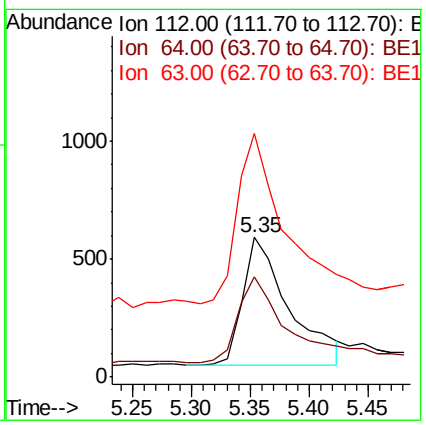


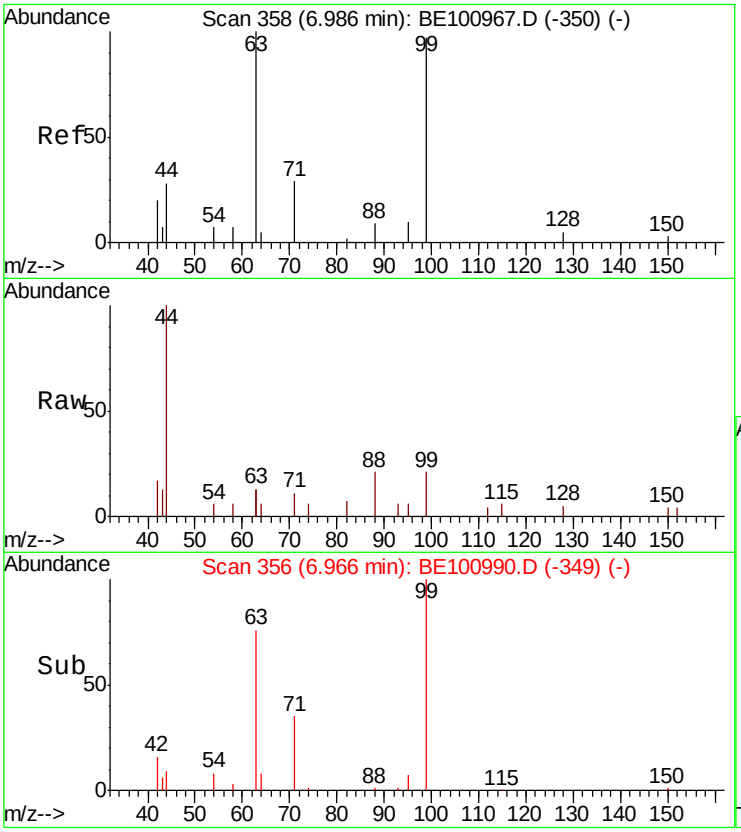


#4
2-Fluorophenol
Concen: 0.392 ng
RT: 5.35 min Scan# 216
Delta R.T. -0.01 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Tgt Ion:112 Resp: 1486

Ion	Ratio	Lower	Upper
112	100		
64	68.8	59.0	88.6
63	137.5	121.4	182.0



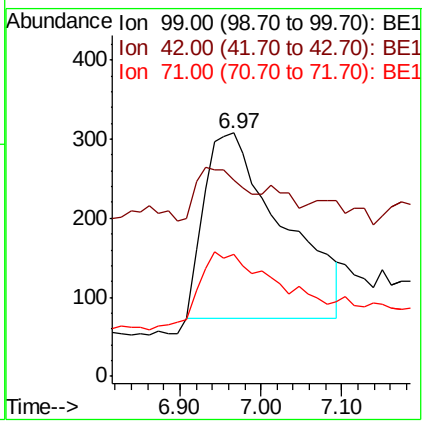


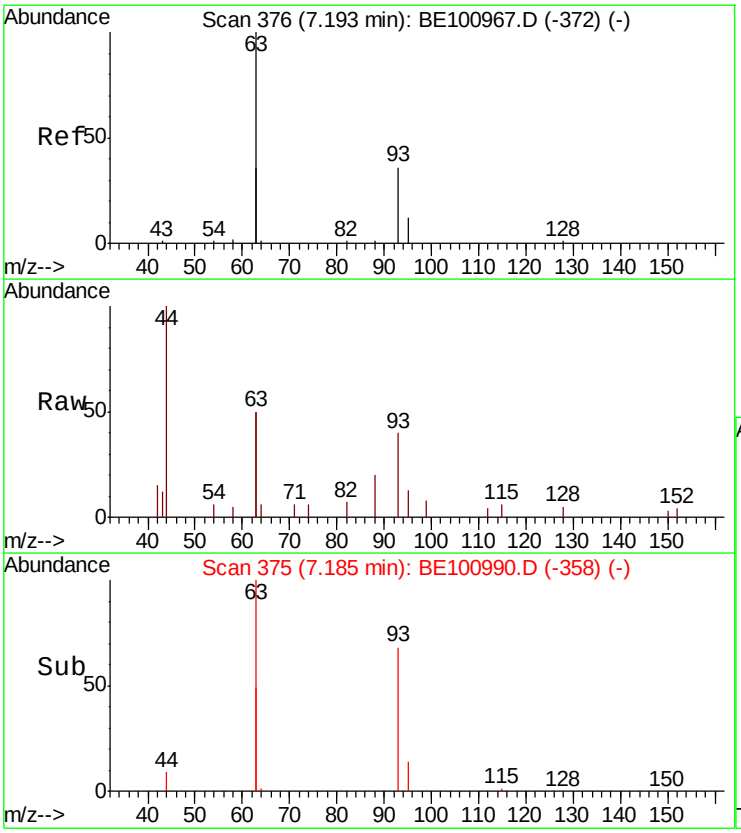
#5
Phenol-d6
Concen: 0.394 ng
RT: 6.97 min Scan# 356
Delta R.T. -0.02 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Instrument :
BNA_E
ClientSampleId :
PB125417BS

Tgt Ion: 99 Resp: 1564

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	0.0	0.0	0.0

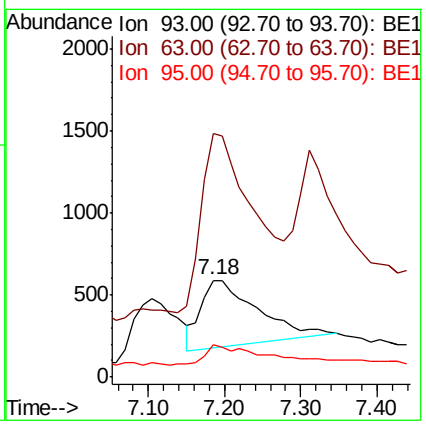


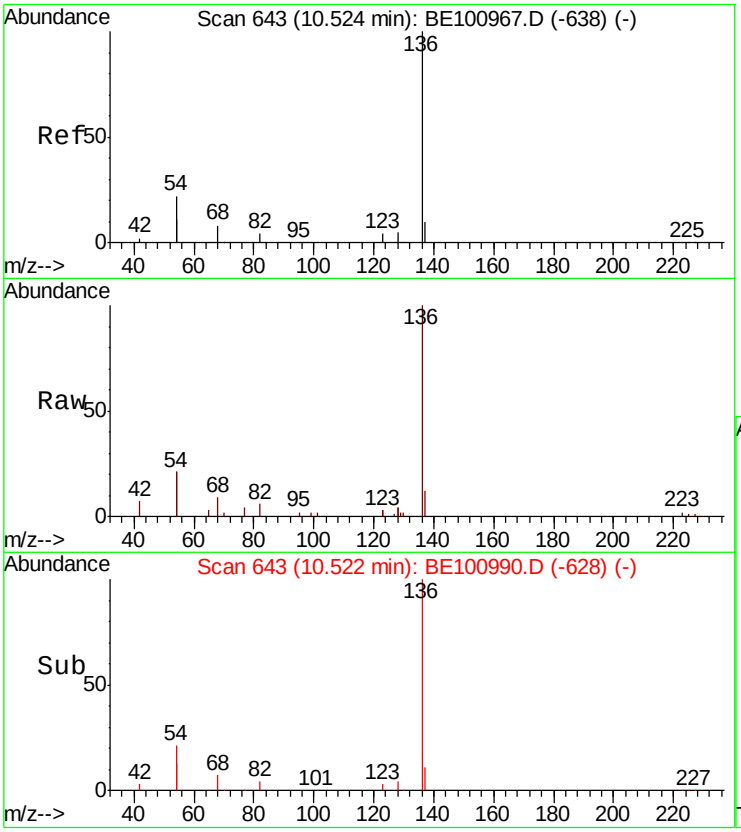


#6
bis(2-Chloroethyl)ether
Concen: 0.260 ng
RT: 7.18 min Scan# 375
Delta R.T. -0.01 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Tgt Ion: 93 Resp: 2104

Ion	Ratio	Lower	Upper
93	100		
63	252.0	228.3	342.5
95	31.2	25.9	38.9



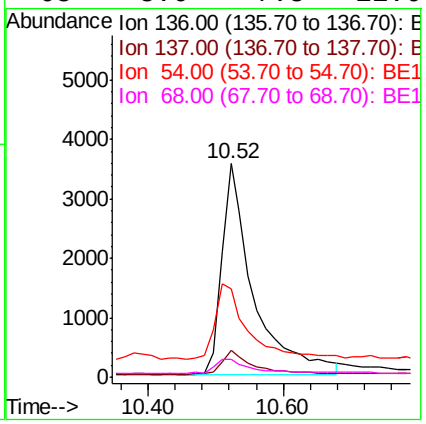


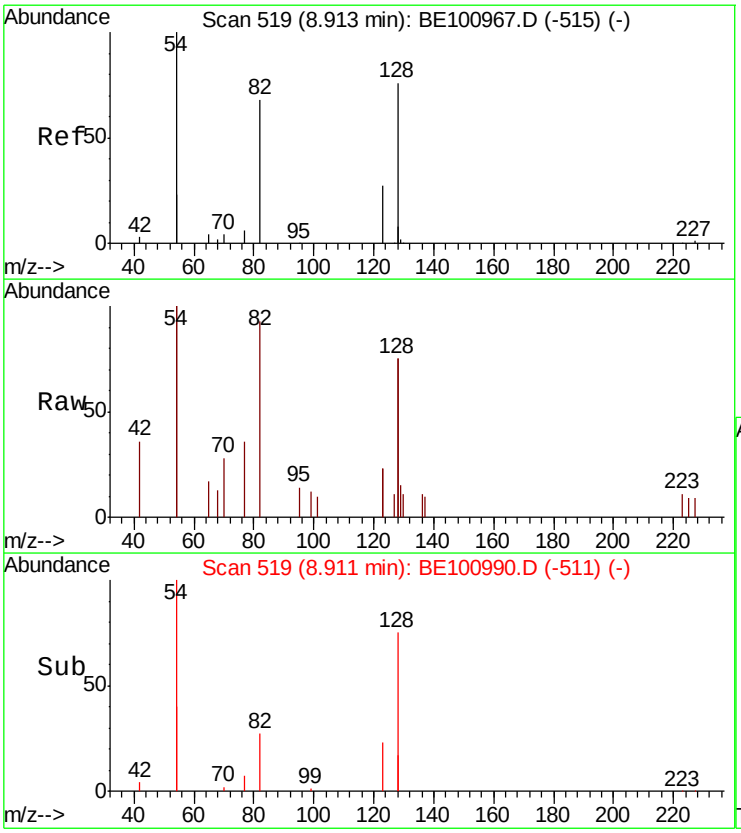
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.52 min Scan# 643
Delta R.T. -0.00 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Instrument :
BNA_E
ClientSampleId :
PB125417BS

Tgt Ion:136 Resp: 11537

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.0	13.6
54	41.3	34.4	51.6
68	8.6	7.8	11.6

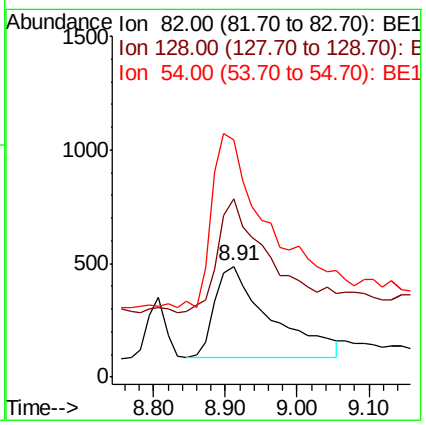


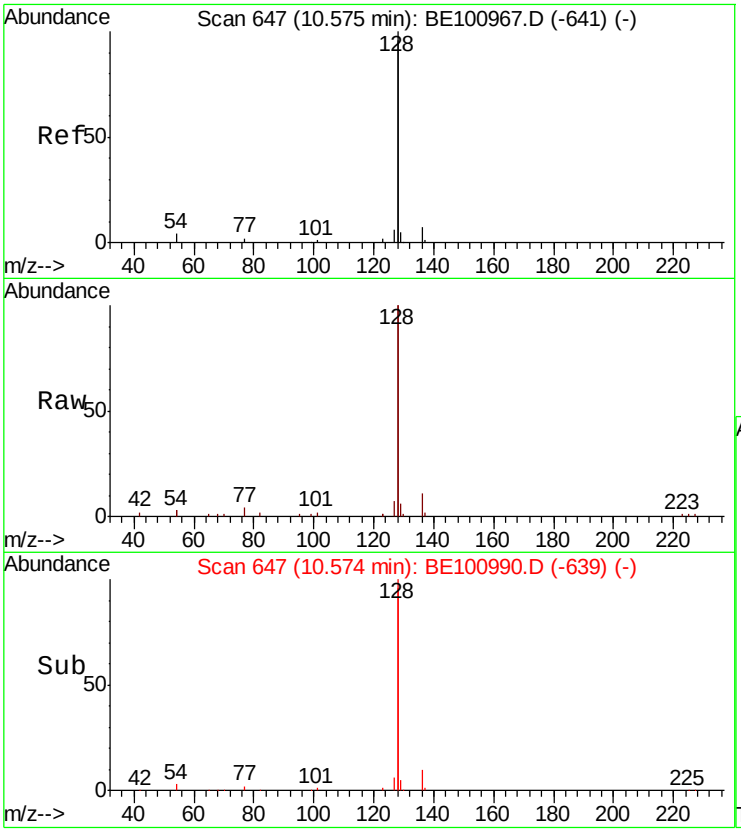


#8
Nitrobenzene-d5
Concen: 0.464 ng
RT: 8.91 min Scan# 519
Delta R.T. -0.00 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Tgt Ion: 82 Resp: 2199

Ion	Ratio	Lower	Upper
82	100		
128	160.7	140.2	210.2
54	213.9	183.8	275.6



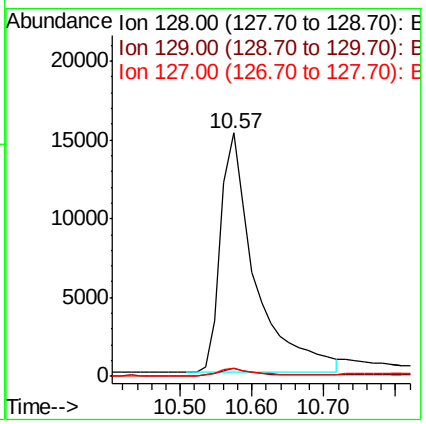


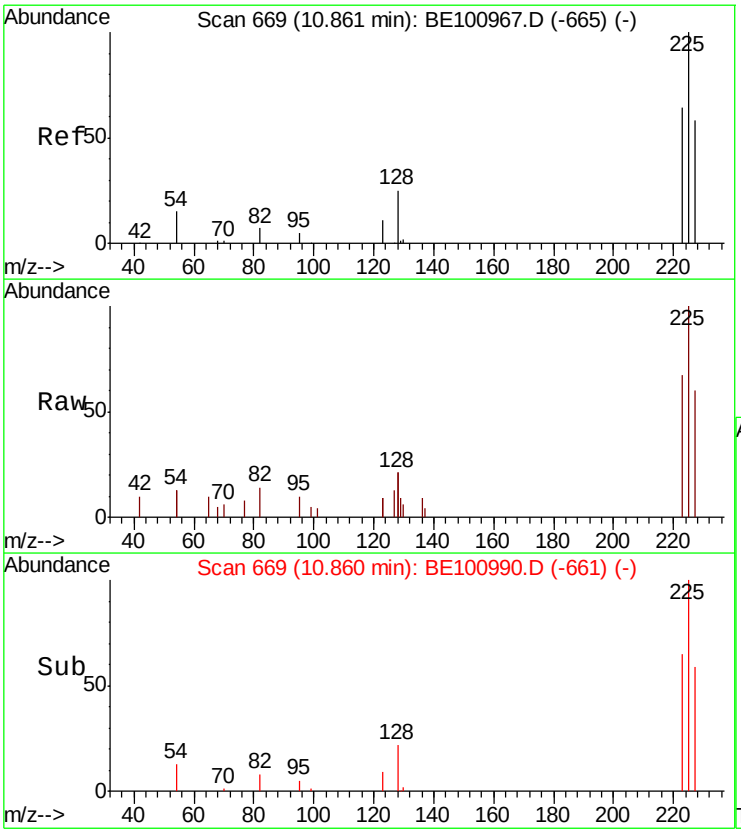
#9
Naphthalene
Concen: 0.415 ng
RT: 10.57 min Scan# 647
Delta R.T. -0.00 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Instrument :
BNA_E
ClientSampleId :
PB125417BS

Tgt Ion:128 Resp: 50847

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	3.8
127	3.4	2.8	4.2

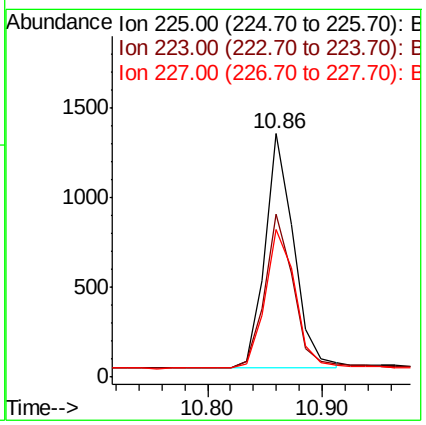


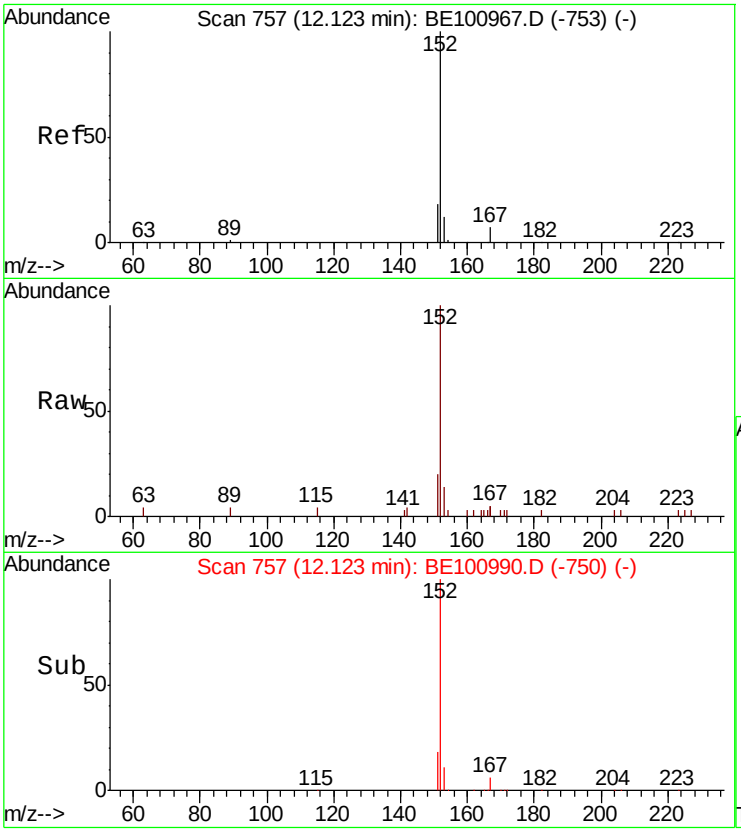


#10
Hexachlorobutadiene
Concen: 0.424 ng
RT: 10.86 min Scan# 669
Delta R.T. -0.00 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Tgt Ion:225 Resp: 2301

Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.4	77.0
227	62.2	50.2	75.2



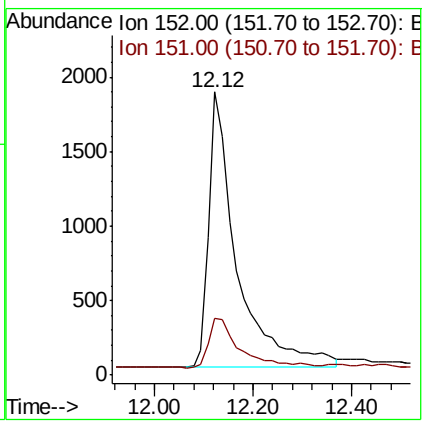


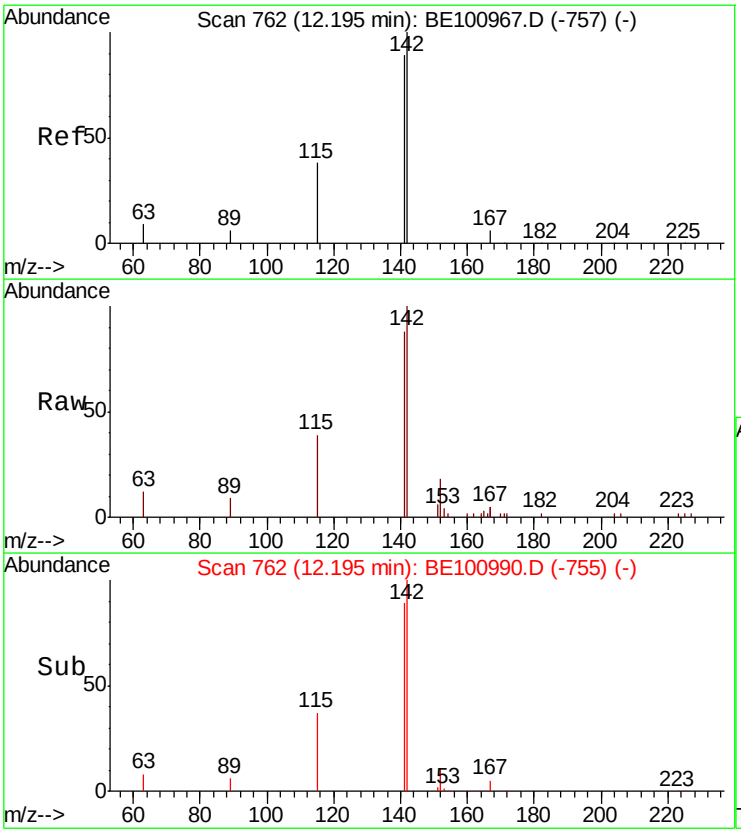
#11
2-Methylnaphthalene-d10
Concen: 0.426 ng
RT: 12.12 min Scan# 757
Delta R.T. 0.00 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Instrument :
BNA_E
ClientSampleId :
PB125417BS

Tgt Ion:152 Resp: 7223

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.1	22.7

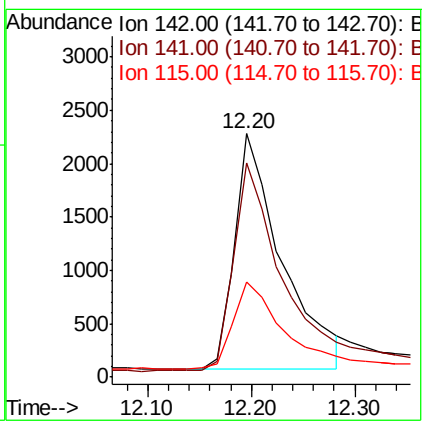


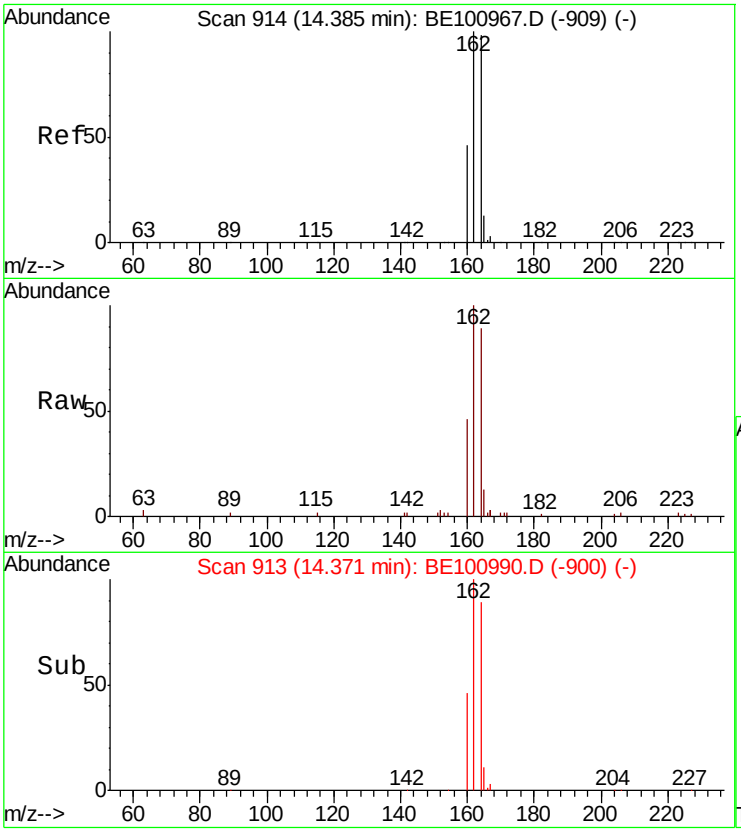


#12
2-Methylnaphthalene
Concen: 0.377 ng
RT: 12.20 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Tgt Ion:142 Resp: 7009

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.8	106.2
115	39.2	32.0	48.0



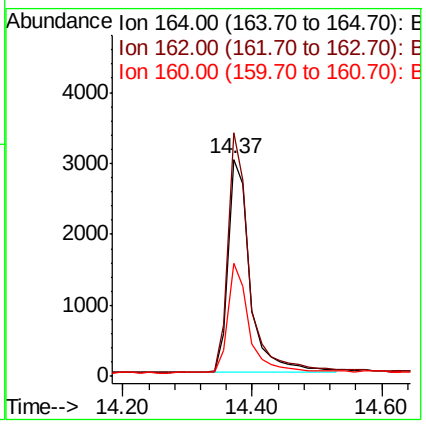


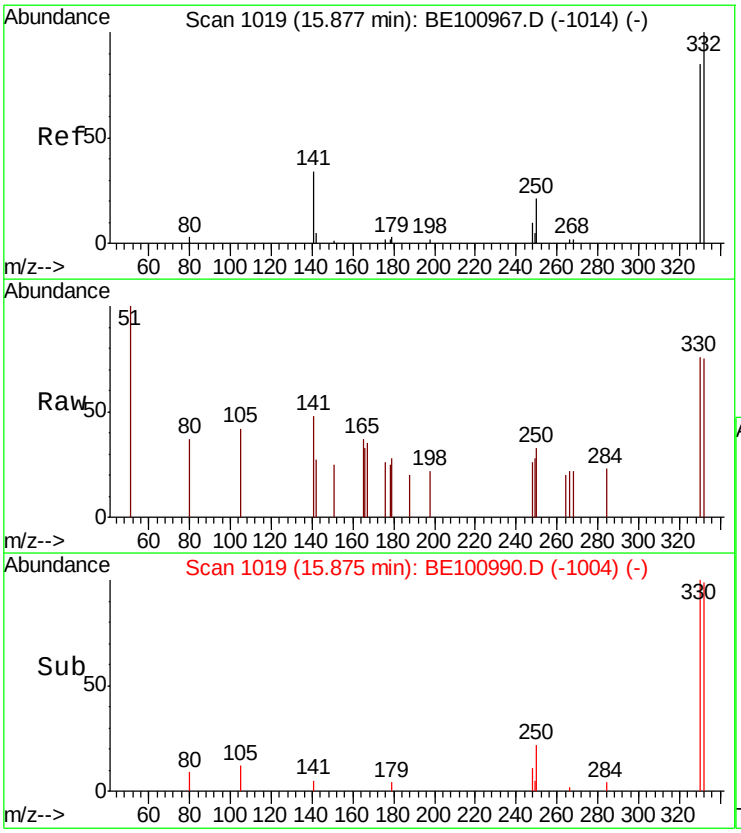
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Instrument :
BNA_E
ClientSampleId :
PB125417BS

Tgt Ion:164 Resp: 7123

Ion	Ratio	Lower	Upper
164	100		
162	112.2	81.6	122.4
160	51.9	37.7	56.5

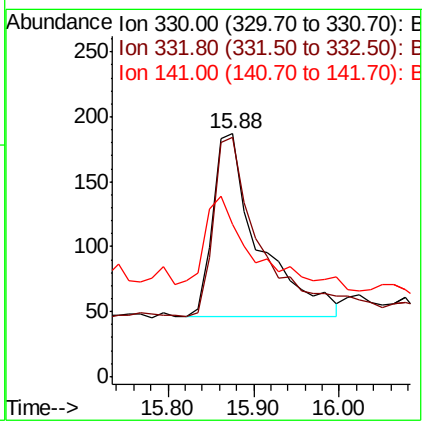


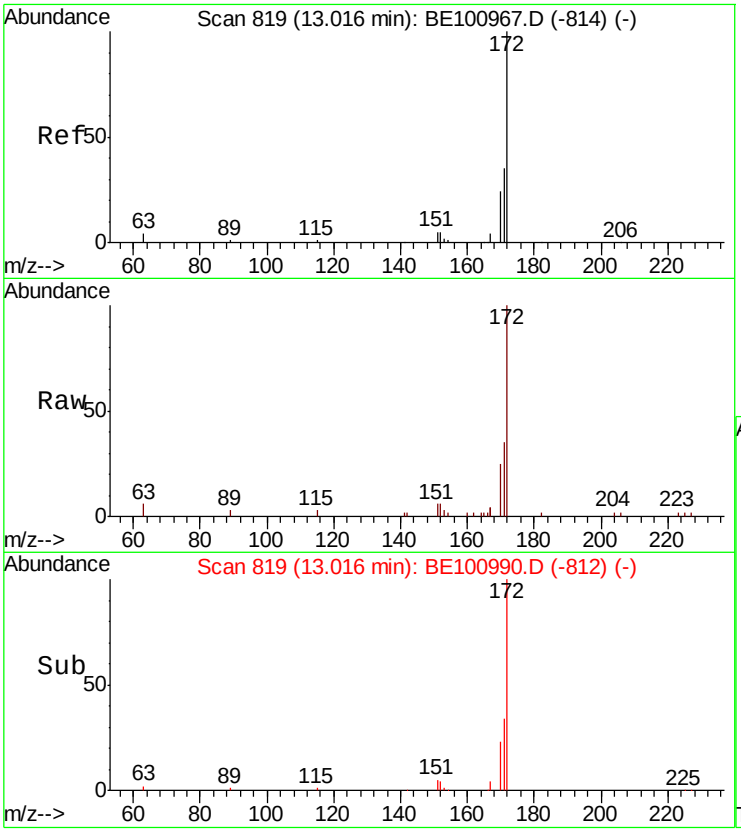


#14
2,4,6-Tribromophenol
Concen: 0.437 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Tgt Ion:330 Resp: 527

Ion	Ratio	Lower	Upper
330	100		
332	98.9	72.4	108.6
141	53.1	25.4	38.2#



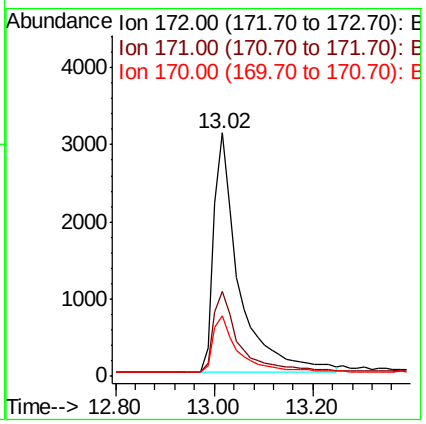


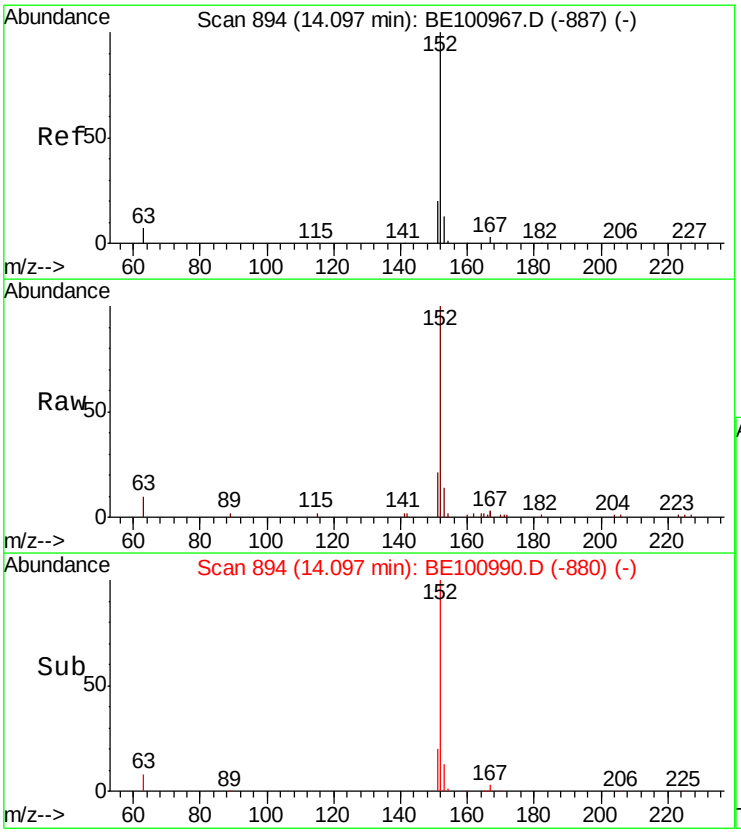
#15
2-Fluorobiphenyl
Concen: 0.433 ng
RT: 13.02 min Scan# 819
Delta R.T. 0.00 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Instrument :
BNA_E
ClientSampleId :
PB125417BS

Tgt Ion:172 Resp: 10951

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.0	43.6
170	24.7	20.0	30.0

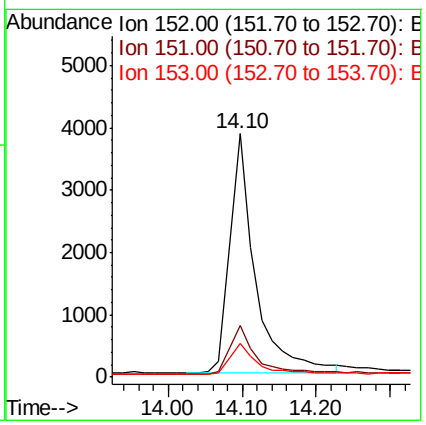


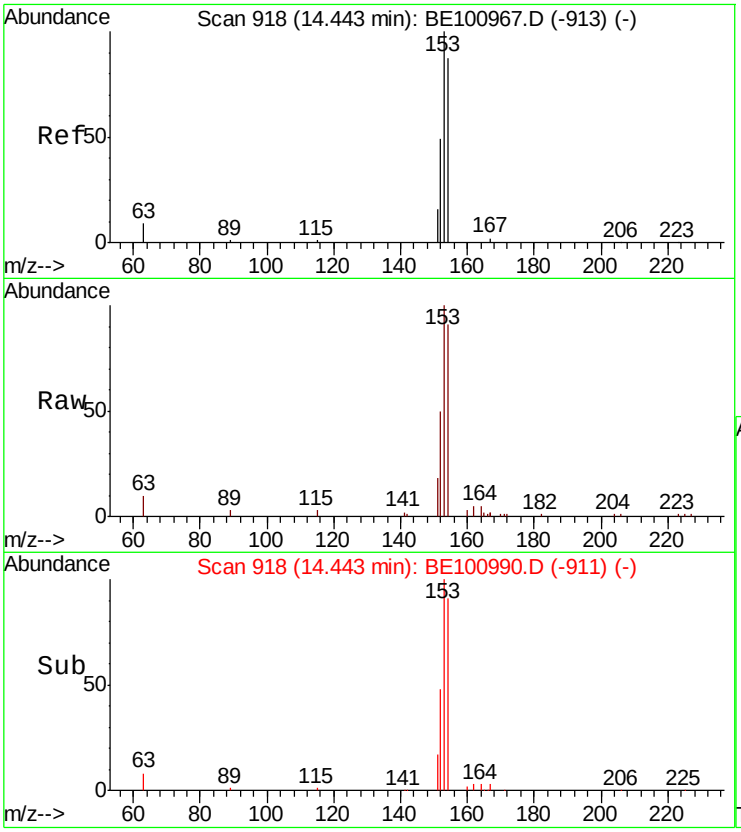


#16
Acenaphthylene
Concen: 0.351 ng
RT: 14.10 min Scan# 894
Delta R.T. 0.00 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Tgt Ion:152 Resp: 9344

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.5	23.3
153	13.3	10.5	15.7



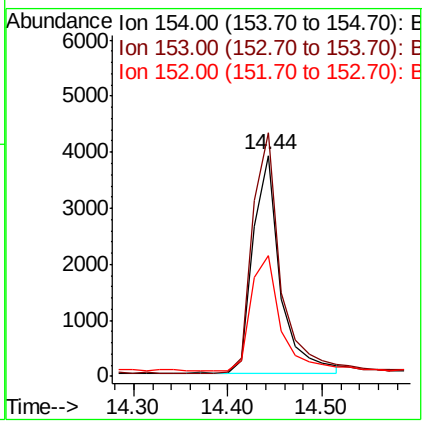


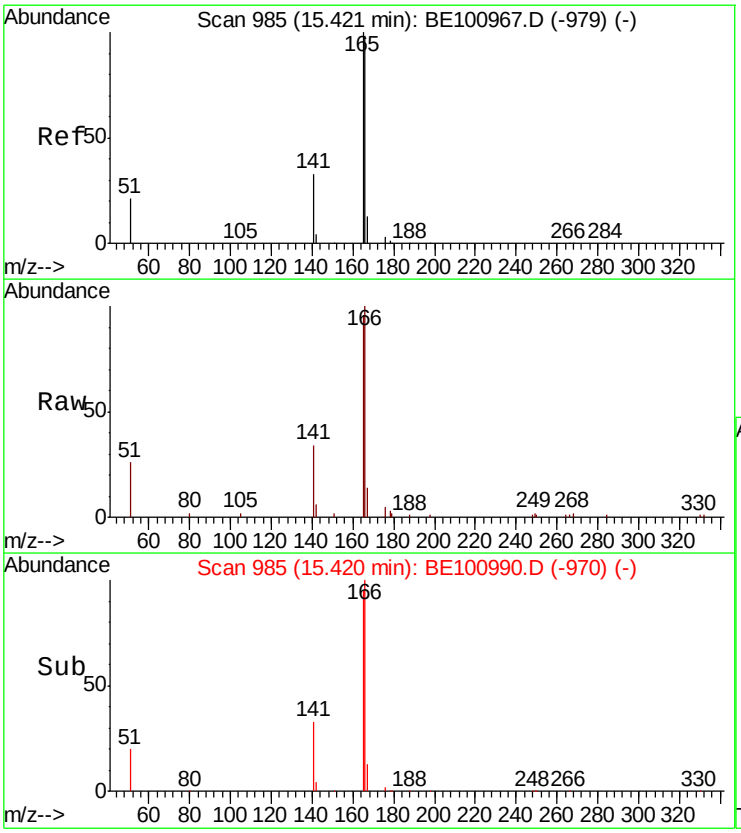
#17
Acenaphthene
Concen: 0.409 ng
RT: 14.44 min Scan# 918
Delta R.T. 0.00 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Instrument :
BNA_E
ClientSampleId :
PB125417BS

Tgt Ion:154 Resp: 7916

Ion	Ratio	Lower	Upper
154	100		
153	113.3	91.7	137.5
152	57.2	44.5	66.7

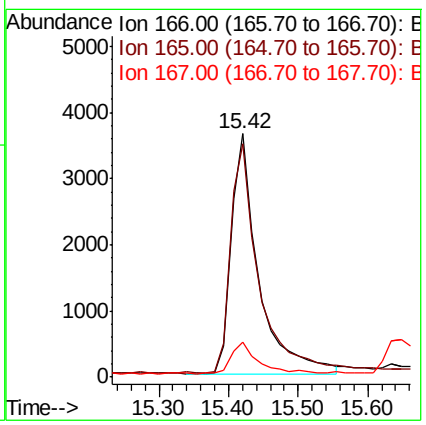


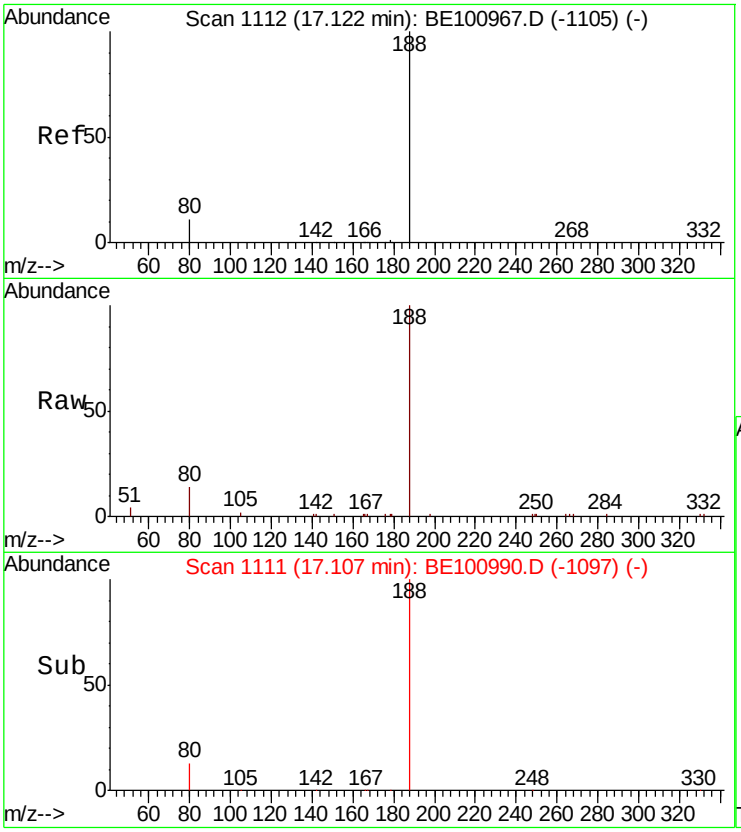


#18
Fluorene
Concen: 0.409 ng
RT: 15.42 min Scan# 985
Delta R.T. -0.00 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Tgt Ion:166 Resp: 9849

Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.4	119.0
167	13.1	10.6	15.8



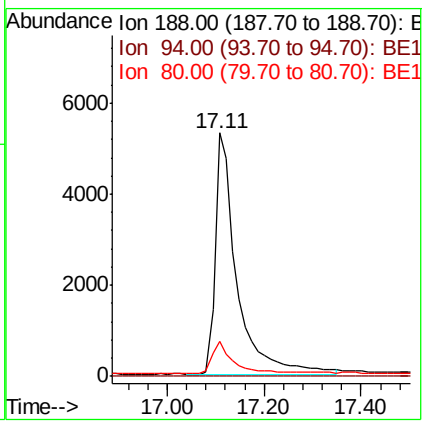


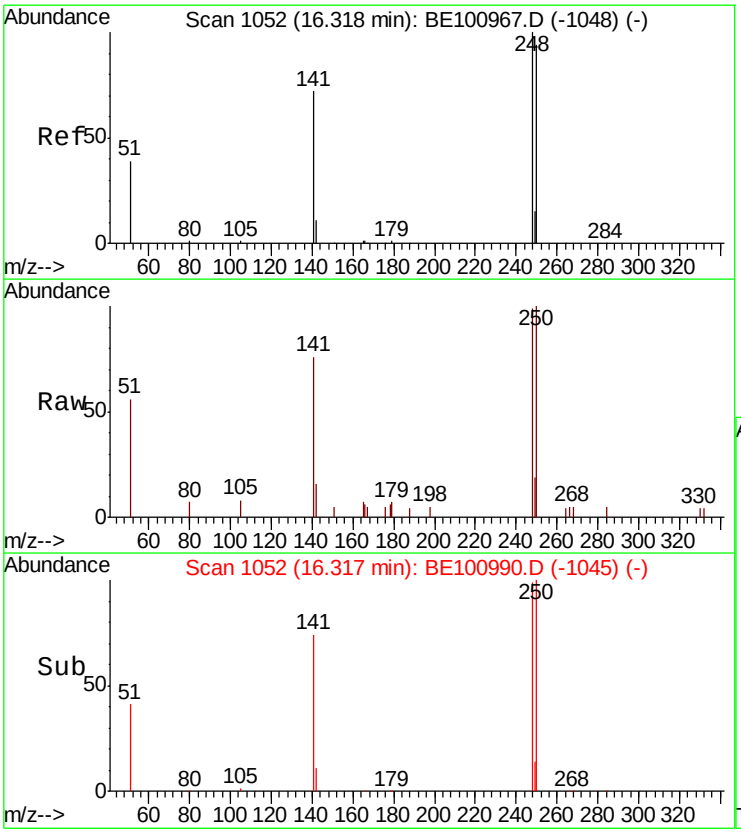
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Instrument :
BNA_E
ClientSampleId :
PB125417BS

Tgt Ion:188 Resp: 16374

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.3	9.7	14.5

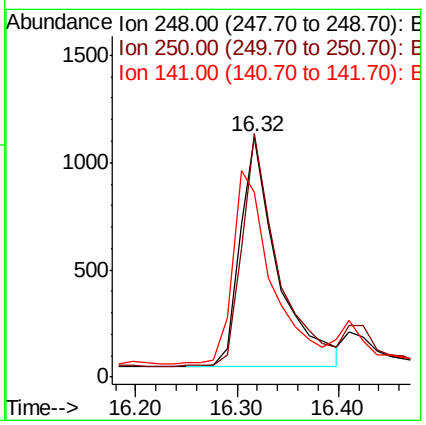


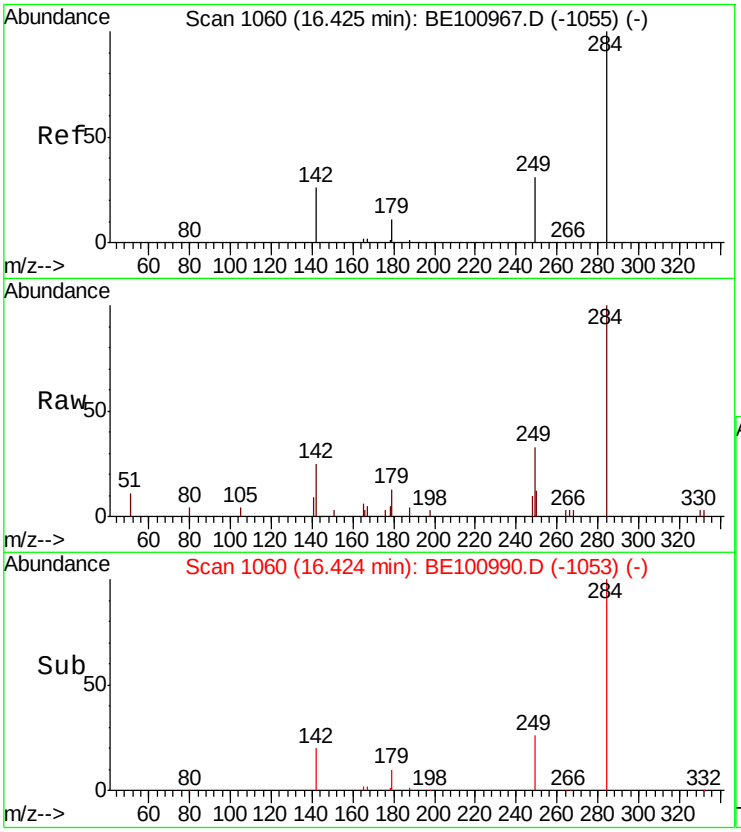


#20
4-Bromophenyl-phenylether
Concen: 0.383 ng
RT: 16.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Tgt Ion:248 Resp: 2753

Ion	Ratio	Lower	Upper
248	100		
250	101.5	76.0	114.0
141	77.3	61.0	91.6



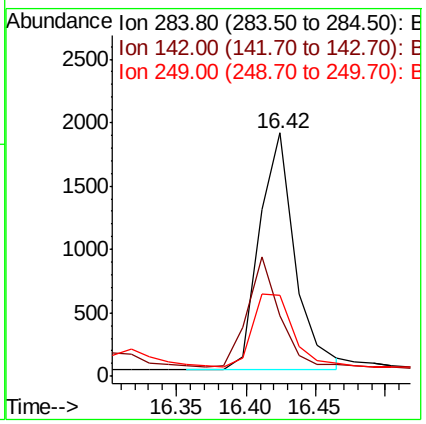


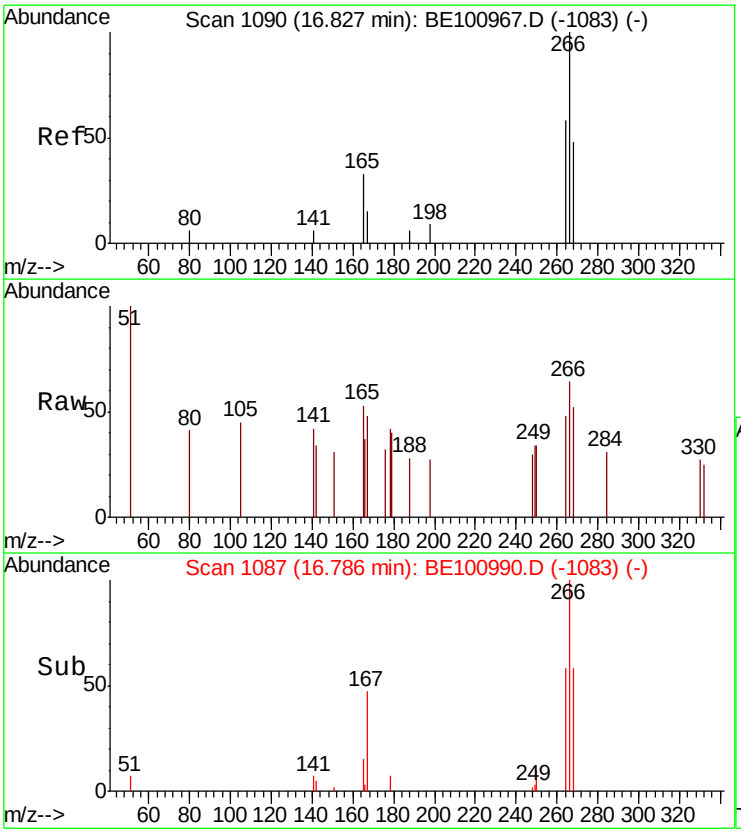
#21
Hexachlorobenzene
Concen: 0.389 ng
RT: 16.42 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Instrument :
BNA_E
ClientSampleId :
PB125417BS

Tgt Ion:284 Resp: 3305

Ion	Ratio	Lower	Upper
284	100		
142	41.3	33.3	49.9
249	34.8	27.2	40.8

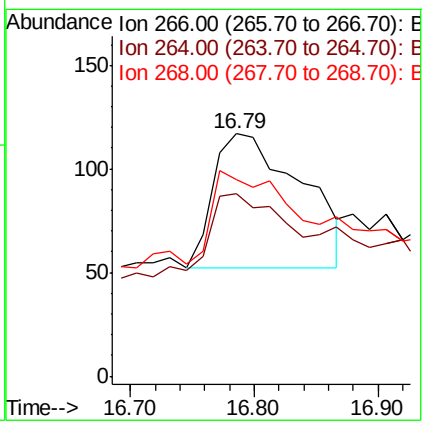


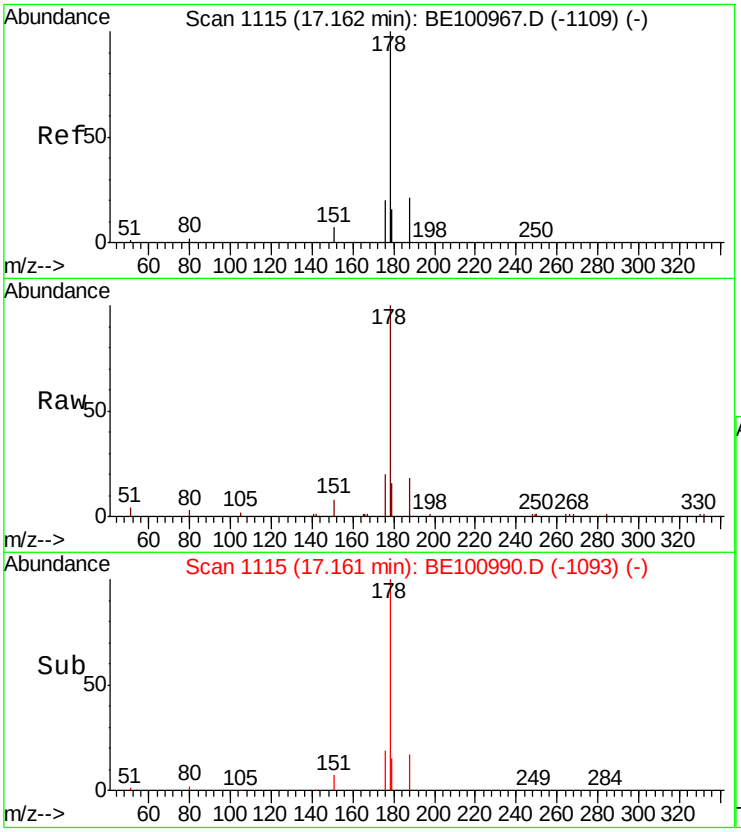


#22
Pentachlorophenol
Concen: 0.406 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.04 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Tgt Ion:266 Resp: 320

Ion	Ratio	Lower	Upper
266	100		
264	75.2	62.3	93.5
268	81.2	66.1	99.1



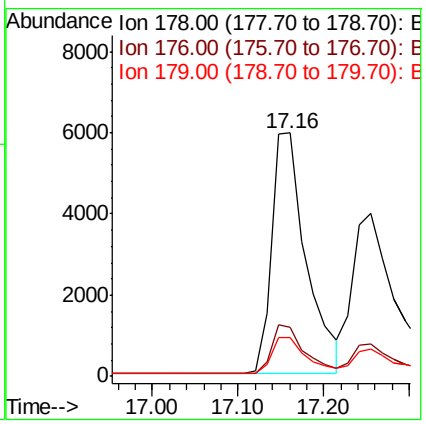


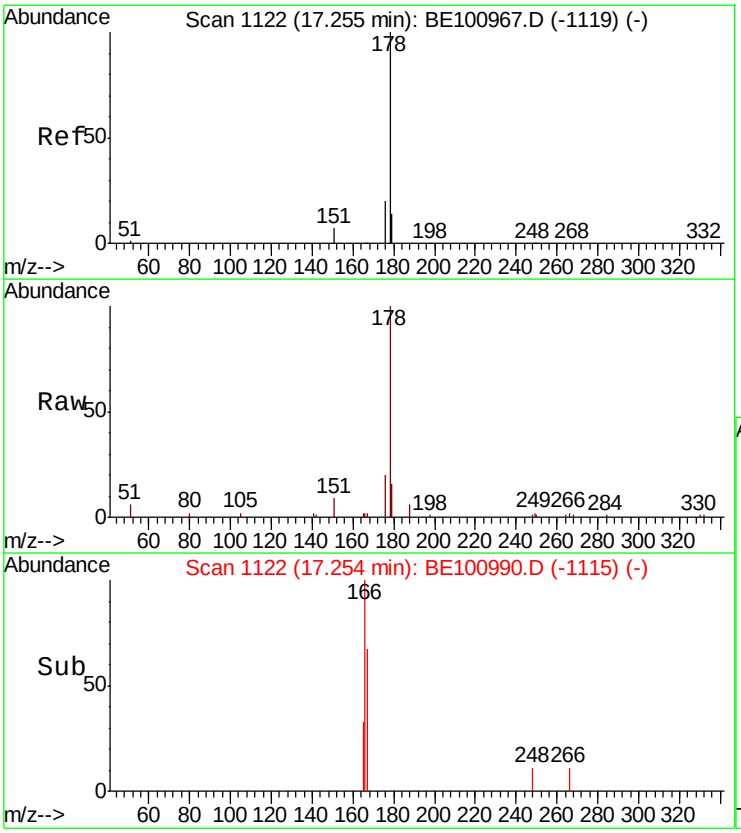
#23
Phenanthrene
Concen: 0.393 ng
RT: 17.16 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Instrument :
BNA_E
ClientSampleId :
PB125417BS

Tgt Ion:178 Resp: 16605

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	15.5	12.6	18.8

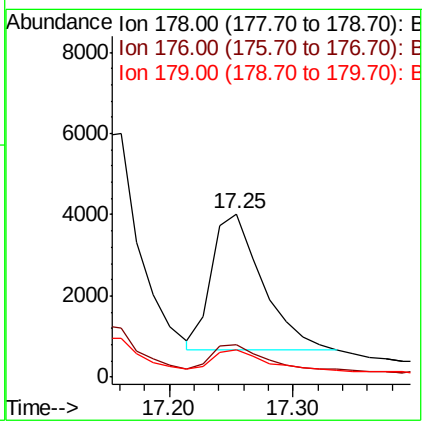


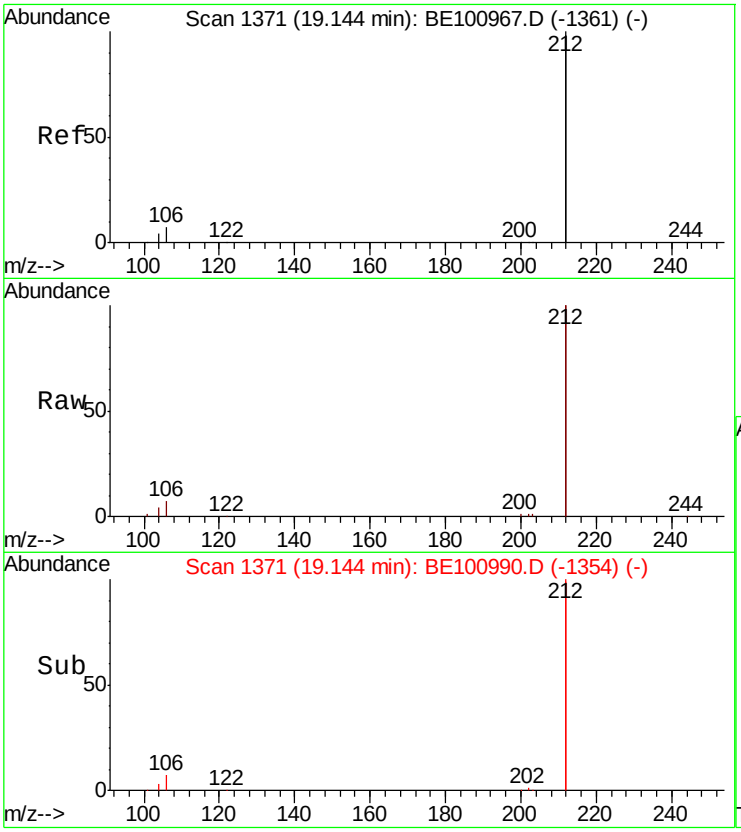


#24
Anthracene
Concen: 0.221 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Tgt Ion:178 Resp: 9447

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.0	22.4
179	14.4	12.5	18.7



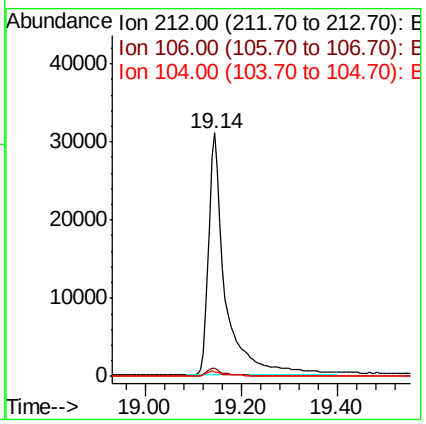


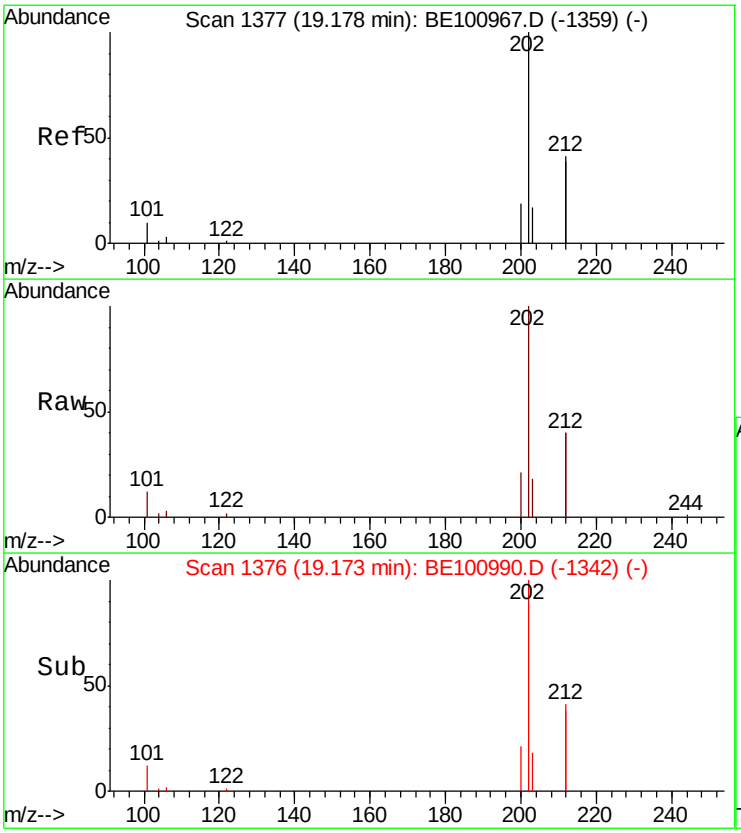
#25
Fluoranthene-d10
Concen: 0.383 ng
RT: 19.14 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Instrument :
BNA_E
ClientSampleId :
PB125417BS

Tgt Ion:212 Resp: 76024

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.4	3.6
104	1.9	1.4	2.0

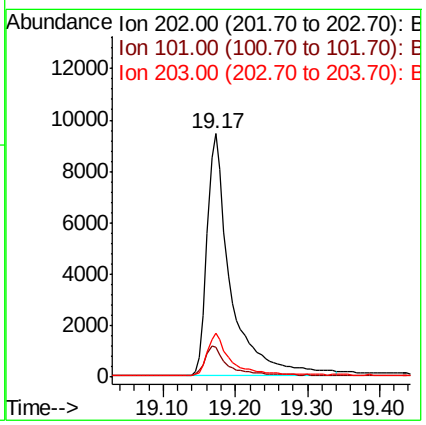


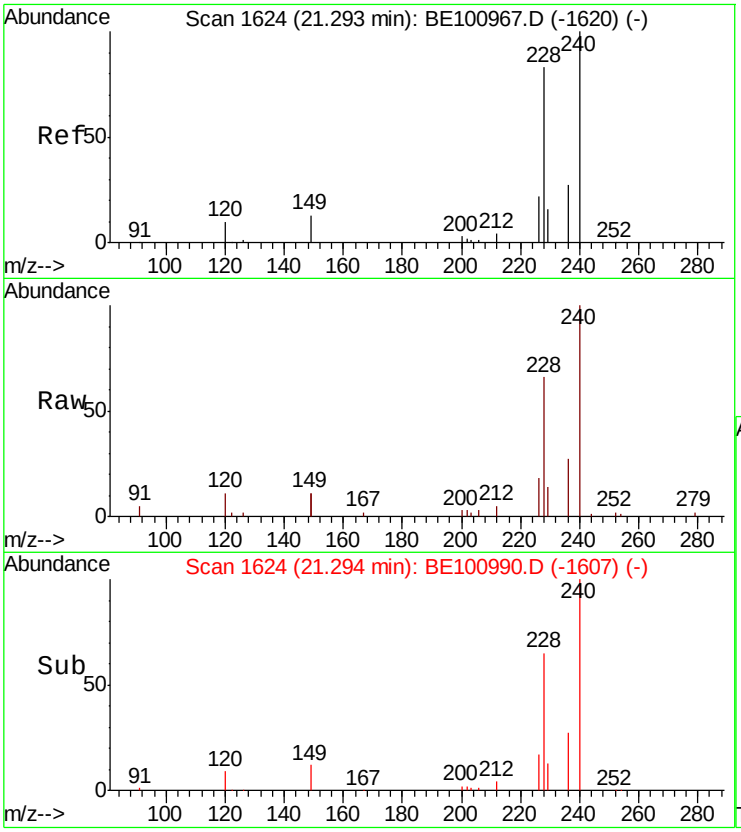


#26
Fluoranthene
Concen: 0.372 ng
RT: 19.17 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Tgt Ion:202 Resp: 21414

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.0	13.4
203	16.6	13.2	19.8



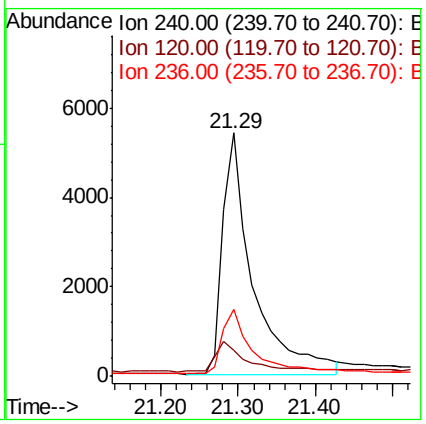


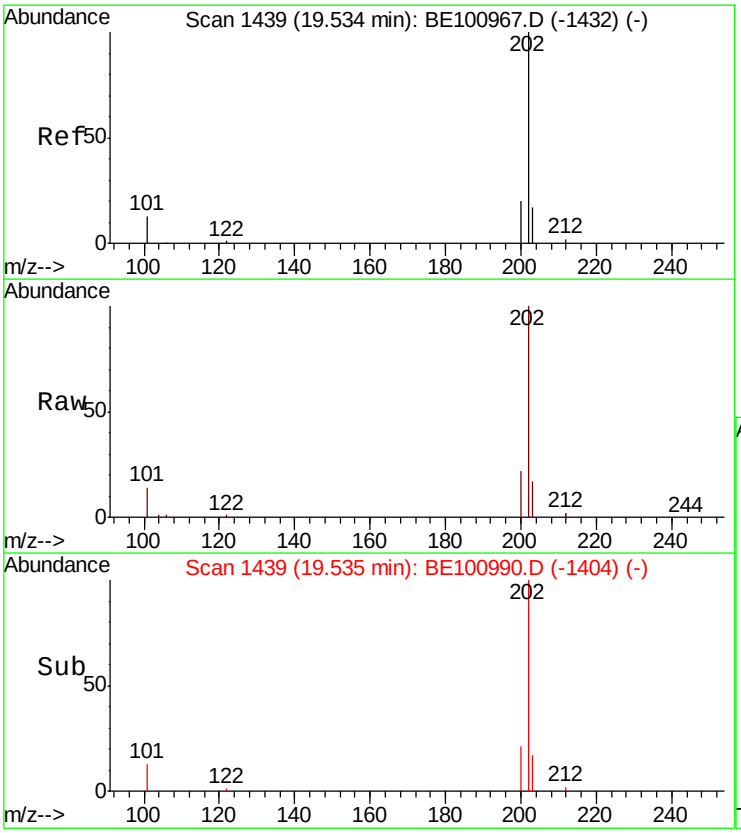
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Instrument :
BNA_E
ClientSampleId :
PB125417BS

Tgt Ion:240 Resp: 14621

Ion	Ratio	Lower	Upper
240	100		
120	10.9	10.2	15.4
236	27.5	22.6	34.0

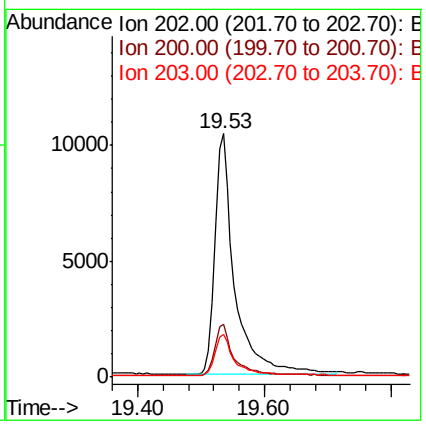


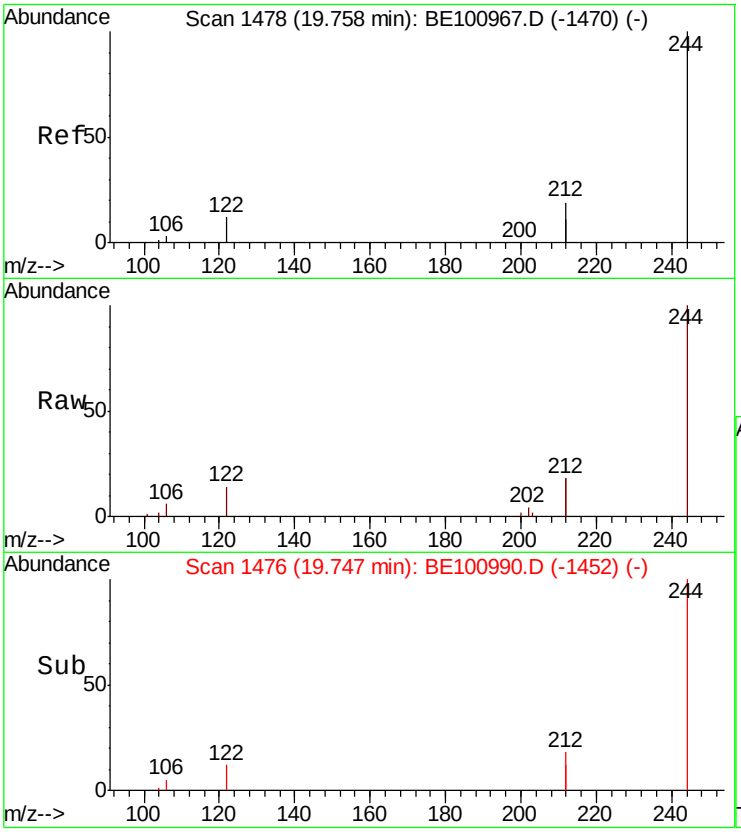


#28
Pyrene
Concen: 0.441 ng
RT: 19.53 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Tgt Ion:202 Resp: 22550

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.3	13.8	20.6



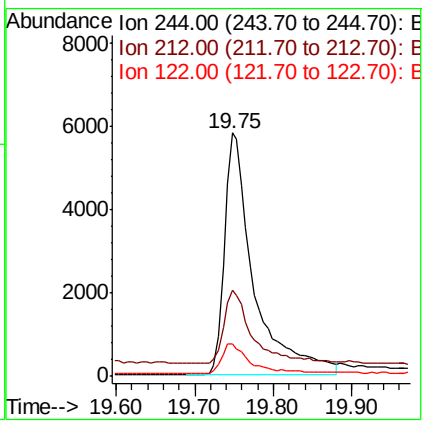


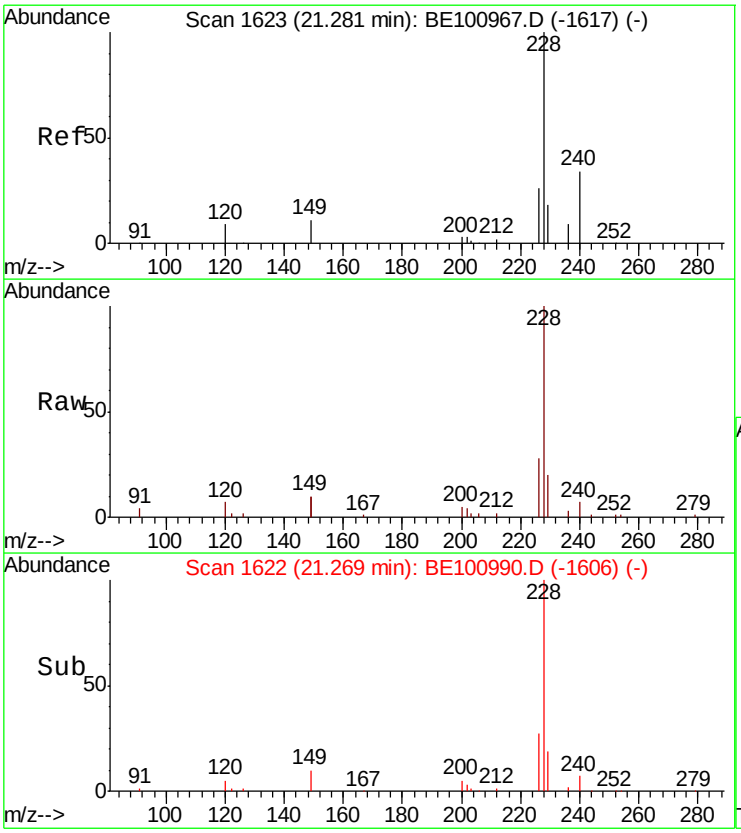
#29
Terphenyl-d14
Concen: 0.446 ng
RT: 19.75 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Instrument :
BNA_E
ClientSampleId :
PB125417BS

Tgt Ion:244 Resp: 14974

Ion	Ratio	Lower	Upper
244	100		
212	35.5	29.3	43.9
122	13.5	10.2	15.4

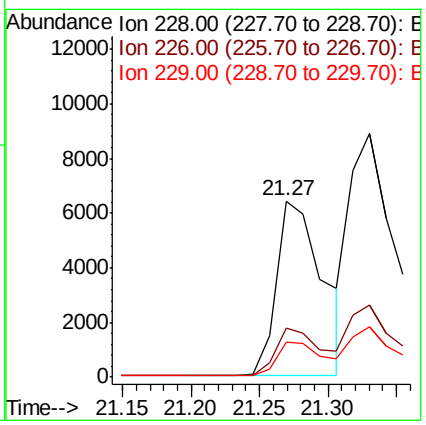


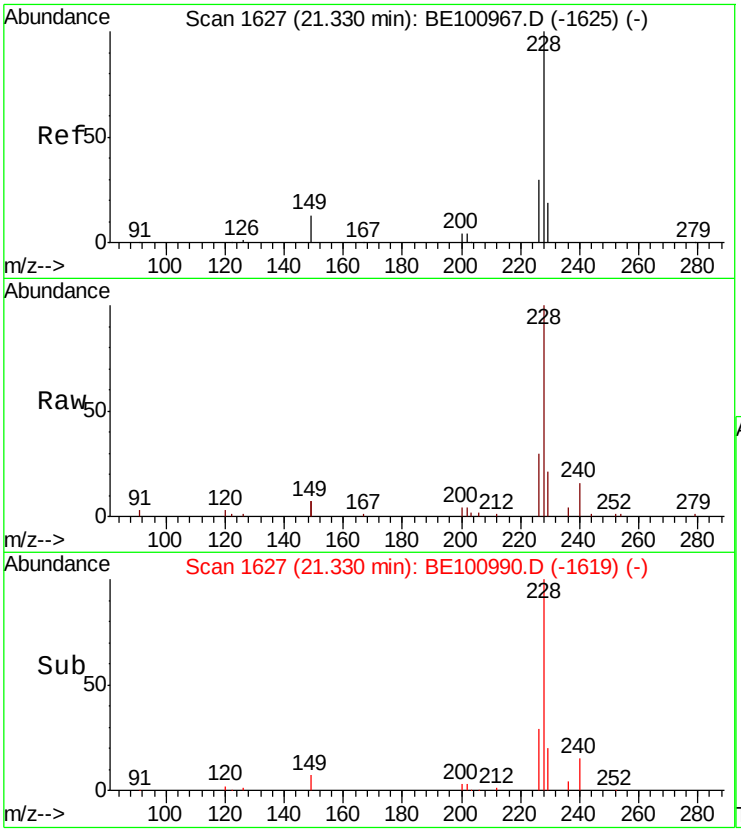


#30
Benzo(a)anthracene
Concen: 0.416 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Tgt Ion:228 Resp: 14895

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.6
229	19.6	15.4	23.0



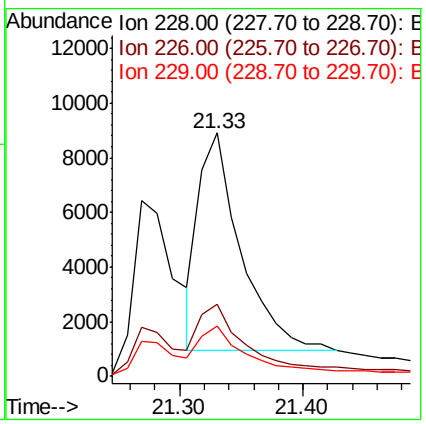


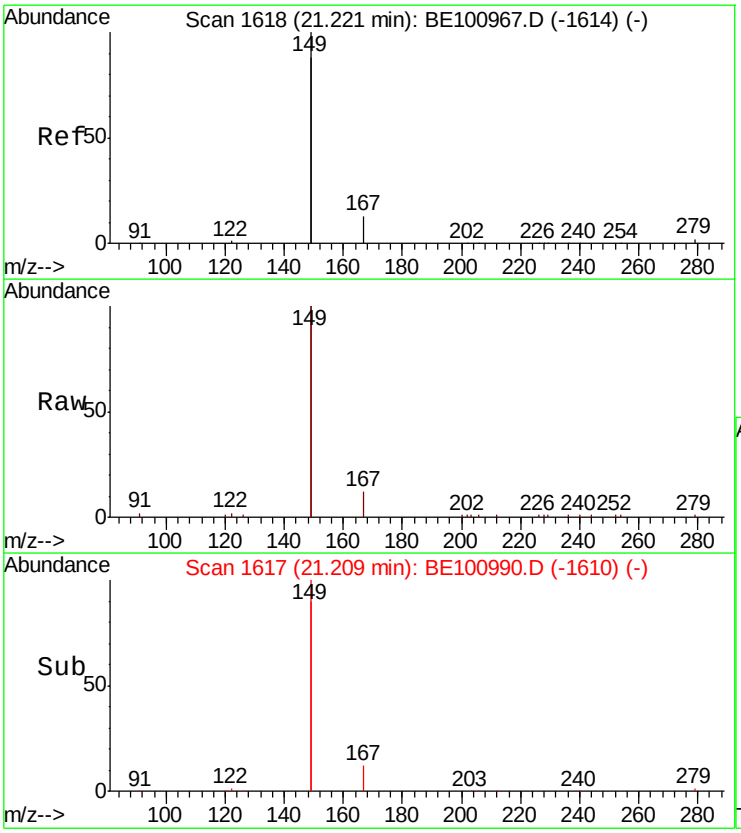
#31
Chrysene
Concen: 0.281 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Instrument :
BNA_E
ClientSampleId :
PB125417BS

Tgt Ion:228 Resp: 18729

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.6	35.4
229	20.6	15.7	23.5

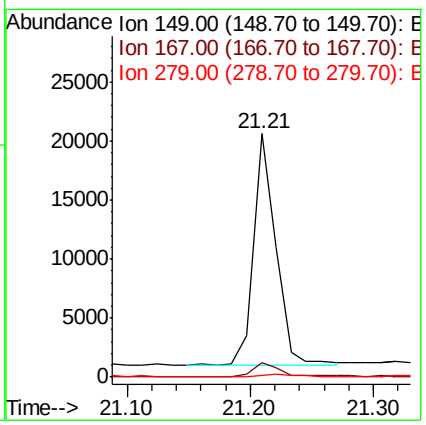


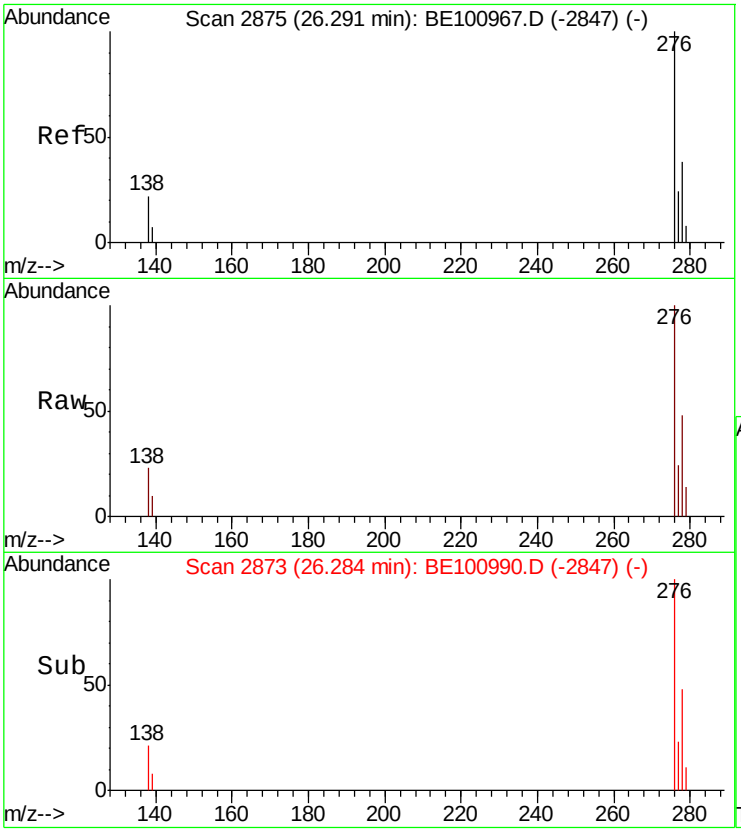


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.393 ng
RT: 21.21 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Tgt Ion:149 Resp: 24949

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.1	7.7
279	0.8	0.6	1.0



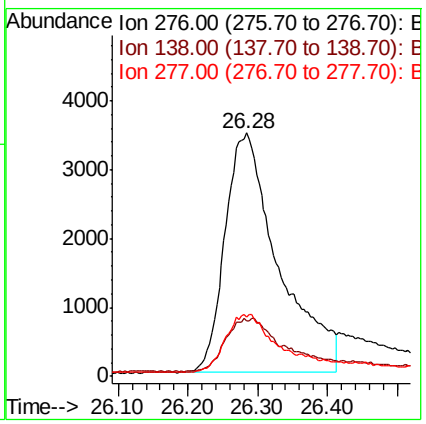


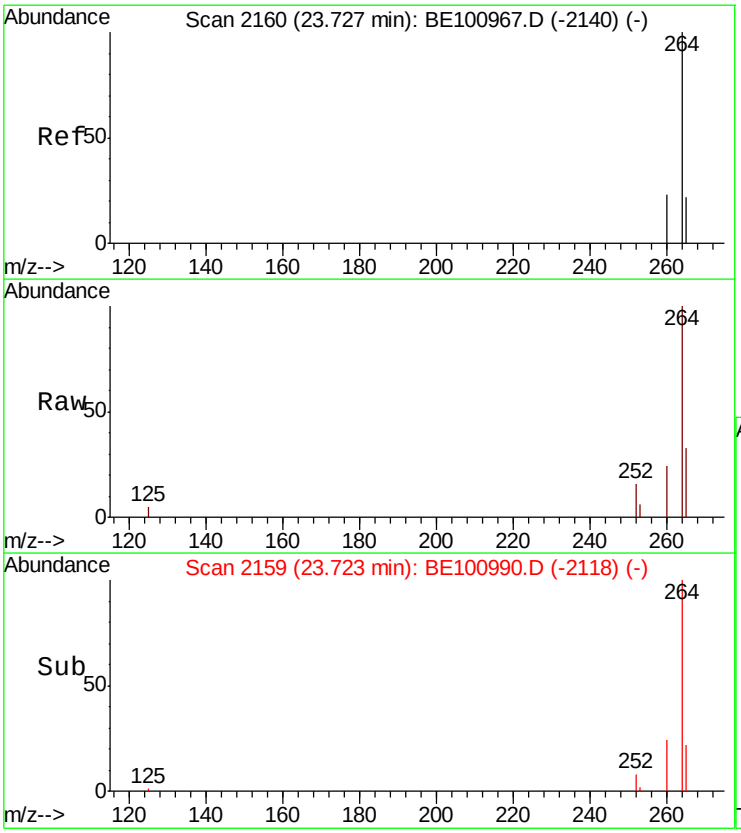
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.371 ng
RT: 26.28 min Scan# 2873
Delta R.T. -0.01 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Instrument :
BNA_E
ClientSampleId :
PB125417BS

Tgt Ion:276 Resp: 18608

Ion	Ratio	Lower	Upper
276	100		
138	23.7	14.8	22.2#
277	9.5	18.0	27.0#

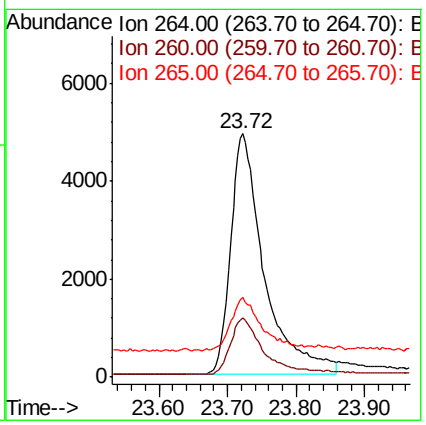


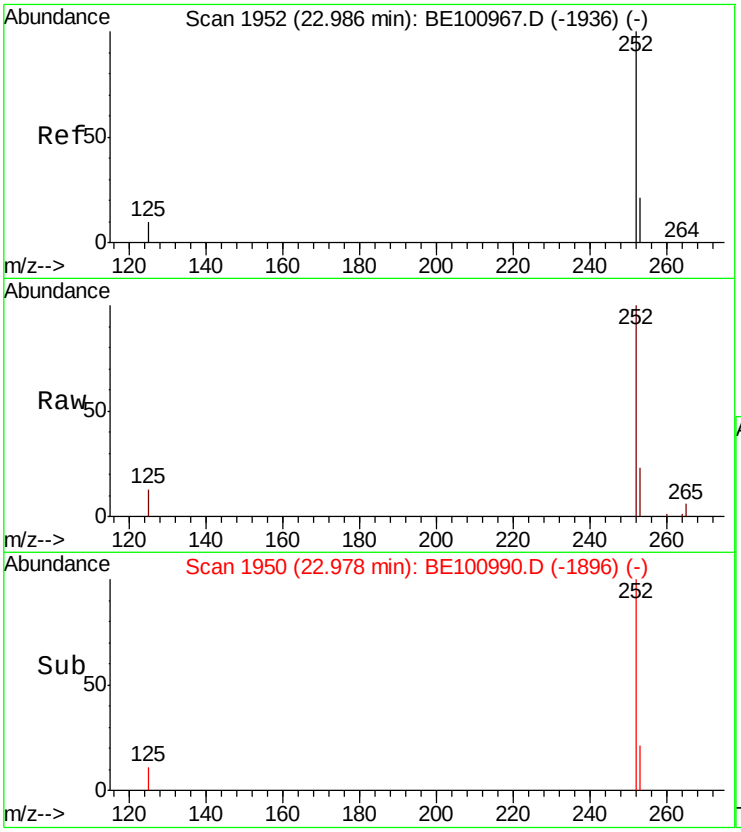


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.72 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Tgt Ion:264 Resp: 16679

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.1	28.7
265	32.5	26.6	40.0



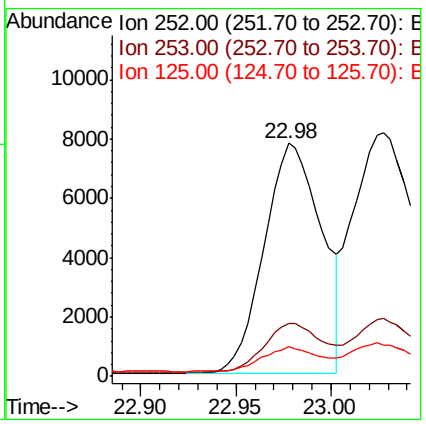


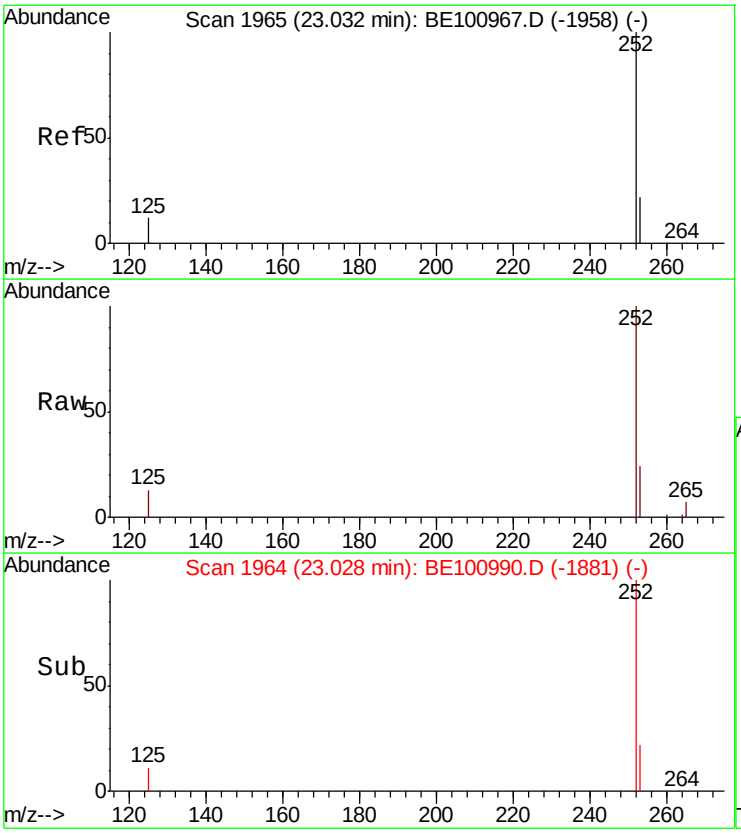
#35
Benzo(b)fluoranthene
Concen: 0.461 ng
RT: 22.98 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Instrument :
BNA_E
ClientSampleId :
PB125417BS

Tgt Ion:252 Resp: 16204

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	12.7	9.7	14.5

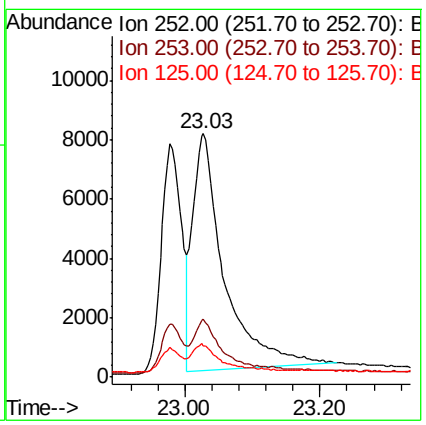


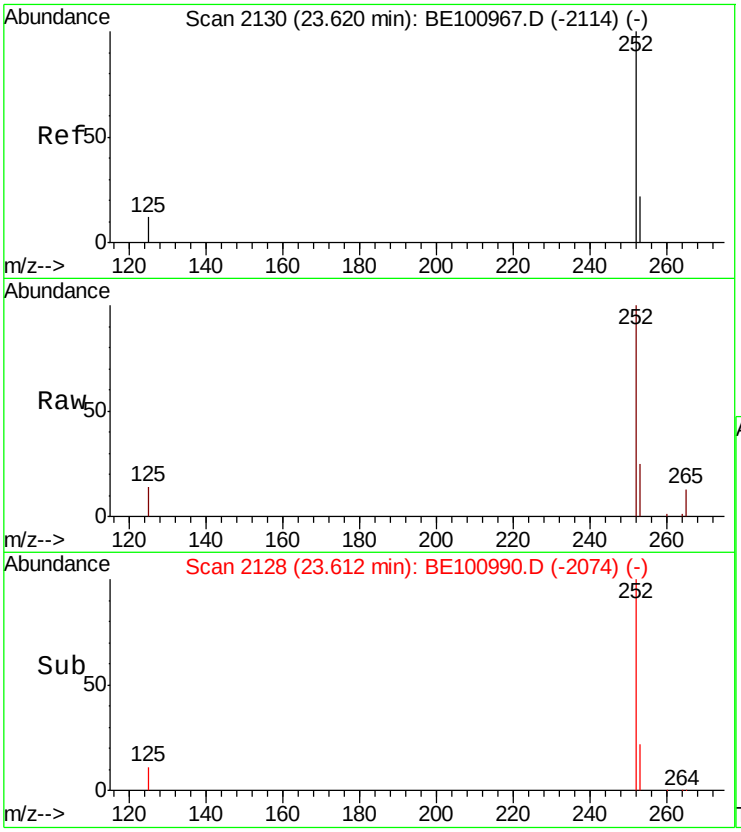


#36
Benzo(k)fluoranthene
Concen: 0.389 ng
RT: 23.03 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Tgt Ion:252 Resp: 25878

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.9	28.3
125	12.9	11.2	16.8



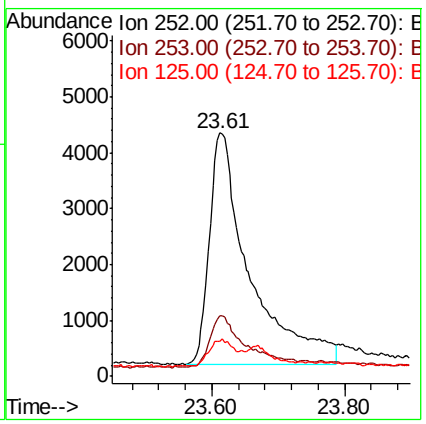


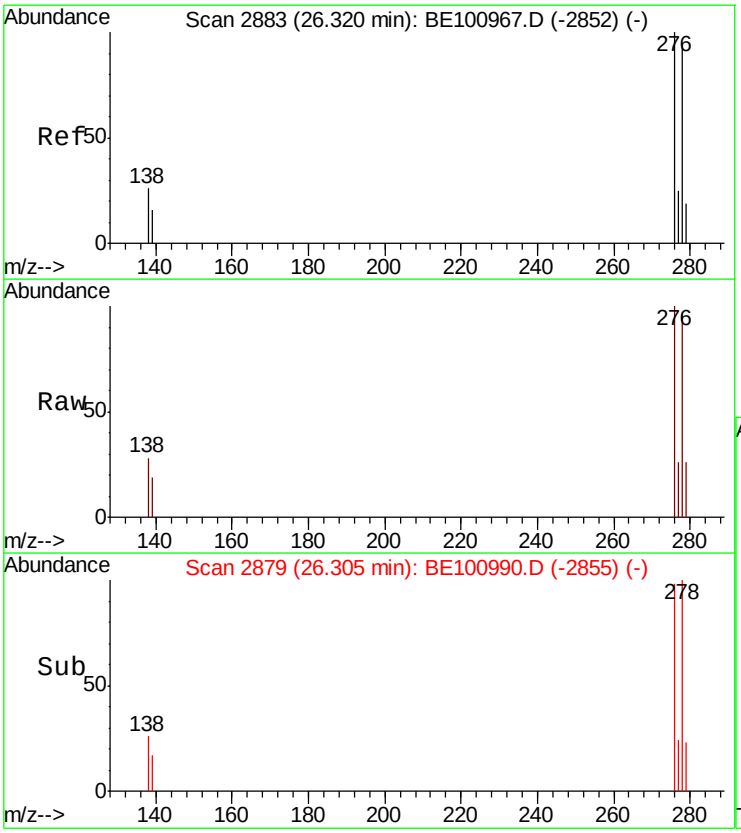
#37
Benzo(a)pyrene
Concen: 0.429 ng
RT: 23.61 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Instrument :
BNA_E
ClientSampleId :
PB125417BS

Tgt Ion:252 Resp: 17575

Ion	Ratio	Lower	Upper
252	100		
253	24.8	20.1	30.1
125	14.3	12.6	18.8

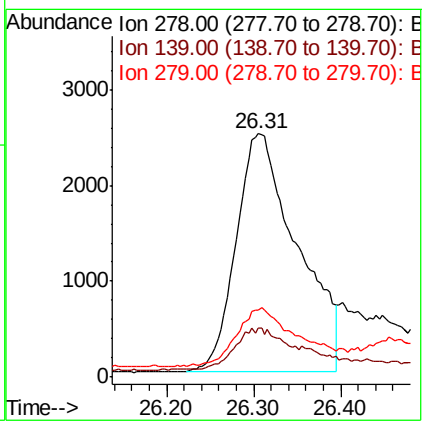


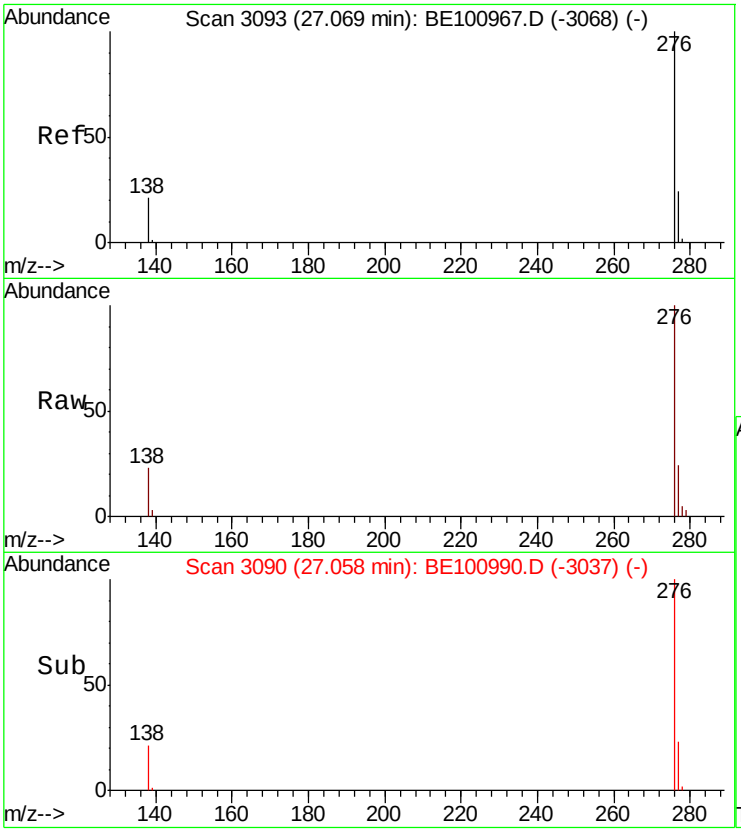


#38
Dibenzo(a,h)anthracene
Concen: 0.327 ng
RT: 26.31 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Tgt Ion:278 Resp: 12132

Ion	Ratio	Lower	Upper
278	100		
139	20.1	16.4	24.6
279	27.4	19.3	28.9





#39
Benzo(g,h,i)perylene
Concen: 0.447 ng
RT: 27.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Instrument :
BNA_E
ClientSampleId :
PB125417BS

Tgt Ion:276 Resp: 19568

Ion	Ratio	Lower	Upper
276	100		
277	24.1	20.0	30.0
138	23.2	18.6	27.8