Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112219\
Data File : BE100757.D
Acq On : 22 Nov 2019 13:55
Operator : JU
Sample : PB125011BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB125011BS

Quant Time: Nov 22 15:22:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 06:40:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	5481	0.40	ng		0.00
7) Naphthalene-d8	10.55	136	21891	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	10378	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	22506	0.40	ng		0.00
27) Chrysene-d12	21.32	240	27871	0.40	ng		0.00
34) Perylene-d12	23.77	264	30057	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	3863	0.26	ng		0.00
5) Phenol-d6	6.93	99	4048	0.19	ng		0.00
8) Nitrobenzene-d5	8.90	82	3782	0.54	ng		0.00
11) 2-Methylnaphthalene-d10	12.14	152	14677	0.46	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	729	0.50	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	18733	0.46	ng		0.00
25) Fluoranthene-d10	19.17	212	106034	0.38	ng		0.00
29) Terphenyl-d14	19.77	244	27538	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	2518	0.245	ng	#	65
3) n-Nitrosodimethylamine	3.65	42	2211	0.402	ng	#	84
6) bis(2-Chloroethyl)ether	7.20	93	6755	0.376	ng		95
9) Naphthalene	10.59	128	86906	0.374	ng		100
10) Hexachlorobutadiene	10.90	225	2392	0.268	ng		98
12) 2-Methylnaphthalene	12.21	142	12834	0.349	ng		95
16) Acenaphthylene	14.13	152	15924	0.356	ng		99
17) Acenaphthene	14.47	154	10725	0.358	ng		99
18) Fluorene	15.43	166	13726	0.359	ng		99
20) 4-Bromophenyl-phenylether	16.33	248	3930	0.355	ng		89
21) Hexachlorobenzene	16.45	284	4093	0.354	ng		98
22) Pentachlorophenol	16.79	266	1334	0.768	ng		96
23) Phenanthrene	17.18	178	25767	0.380	ng		99
24) Anthracene	17.27	178	19689	0.337	ng		99
26) Fluoranthene	19.19	202	30312	0.365	ng		99
28) Pyrene	19.56	202	30066	0.348	ng		100
30) Benzo(a)anthracene	21.31	228	33508	0.356	ng		100
31) Chrysene	21.35	228	37060	0.388	ng		99
32) Bis(2-ethylhexyl)phthalate	21.26	149	41095	0.307	ng		99
33) Indeno(1,2,3-cd)pyrene	26.35	276	34443	0.390	ng		99
35) Benzo(b)fluoranthene	23.02	252	34143	0.362	ng		99
36) Benzo(k)fluoranthene	23.07	252	36348	0.370	ng		100
37) Benzo(a)pyrene	23.66	252	28408	0.342	ng		99
38) Dibenzo(a,h)anthracene	26.38	278	28450	0.325	ng		100
39) Benzo(g,h,i)perylene	27.14	276	31725	0.383	ng		99

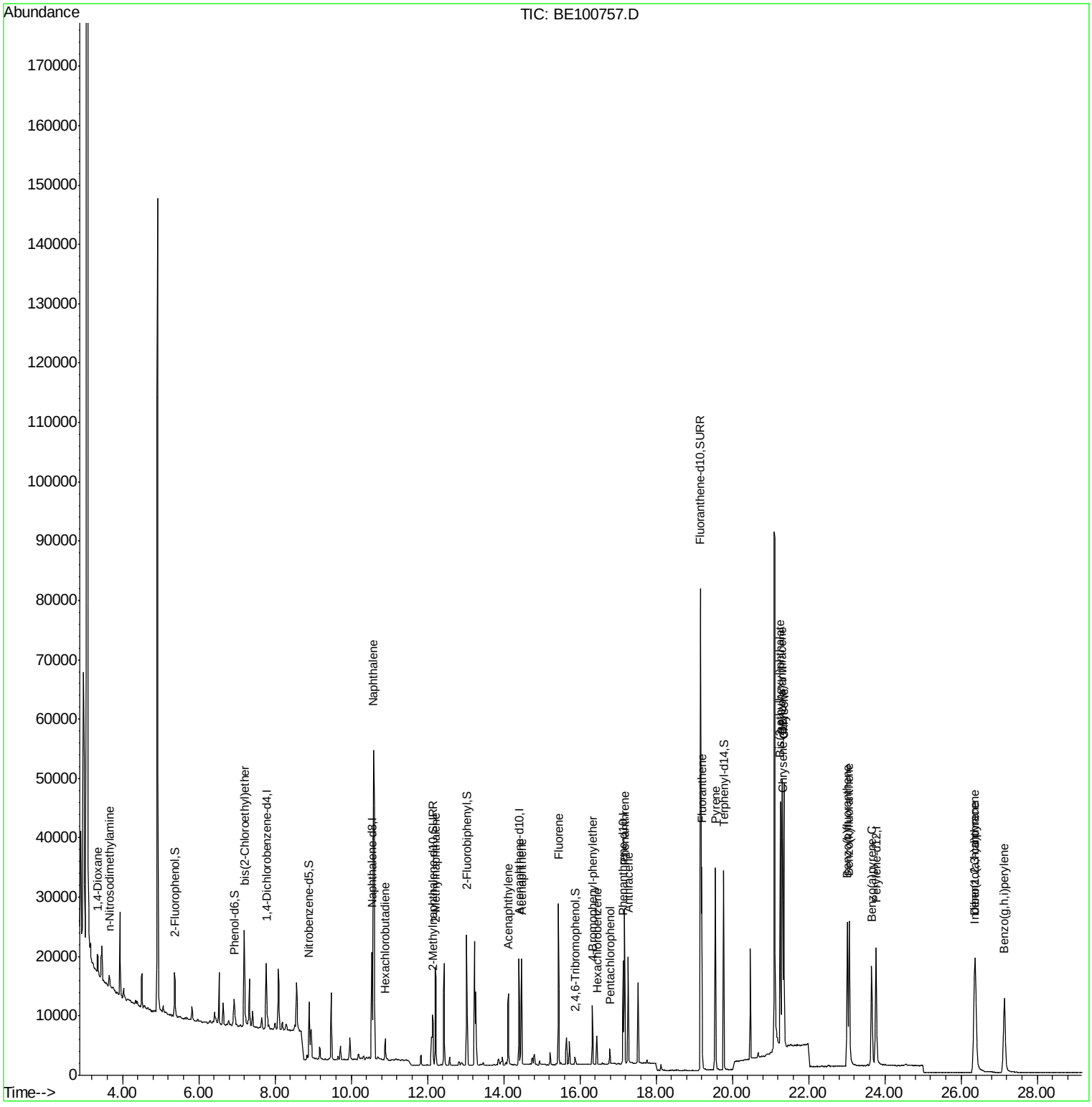
(#) = qualifier out of range (m) = manual integration (+) = signals summed

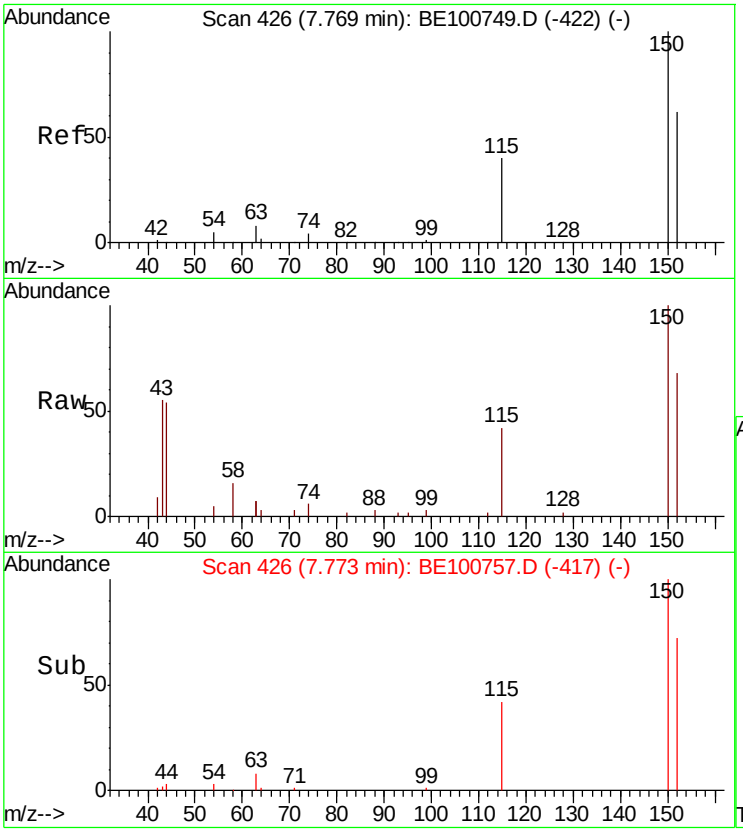
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112219\
Data File : BE100757.D
Acq On : 22 Nov 2019 13:55
Operator : JU
Sample : PB125011BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB125011BS

Quant Time: Nov 22 15:22:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 06:40:44 2019
Response via : Initial Calibration



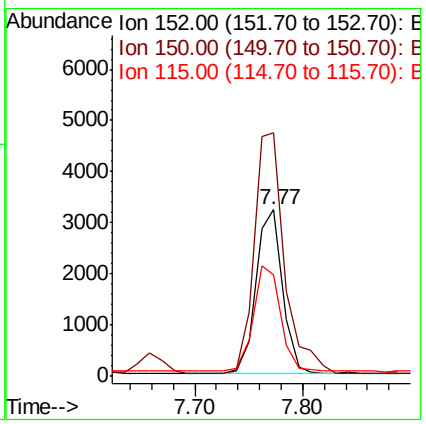


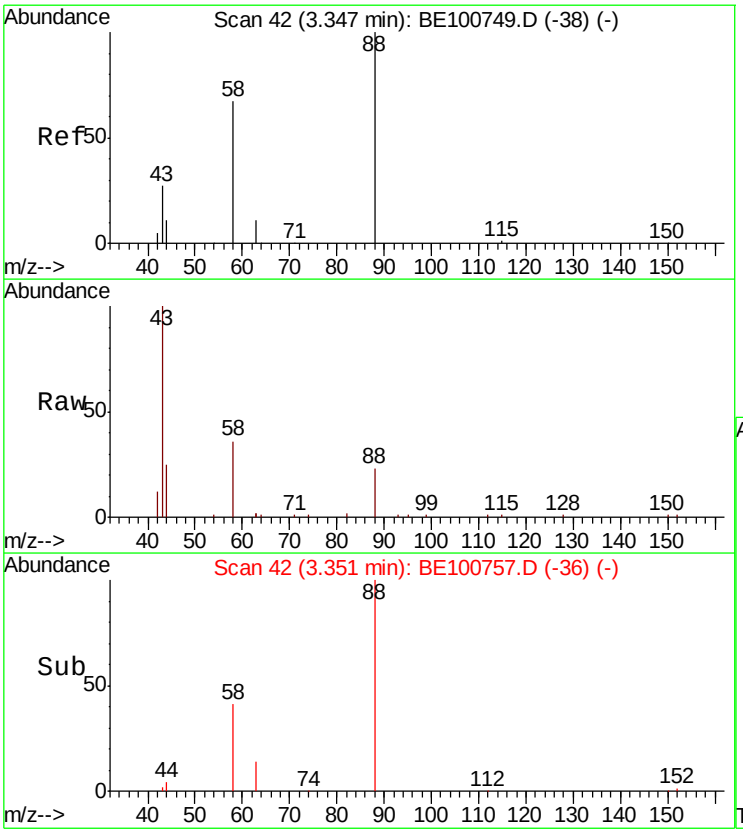
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. 0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Instrument :
BNA_E
ClientSampleId :
PB125011BS

Tgt Ion:152 Resp: 5481

Ion	Ratio	Lower	Upper
152	100		
150	146.2	127.1	190.7
115	61.0	53.0	79.4

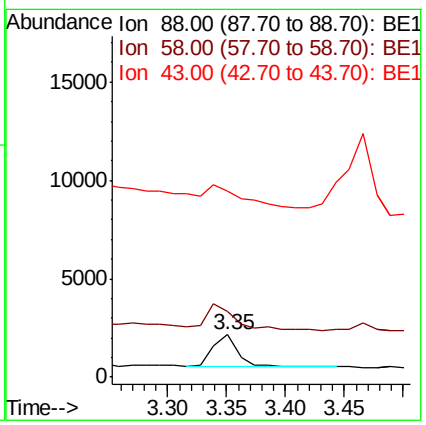


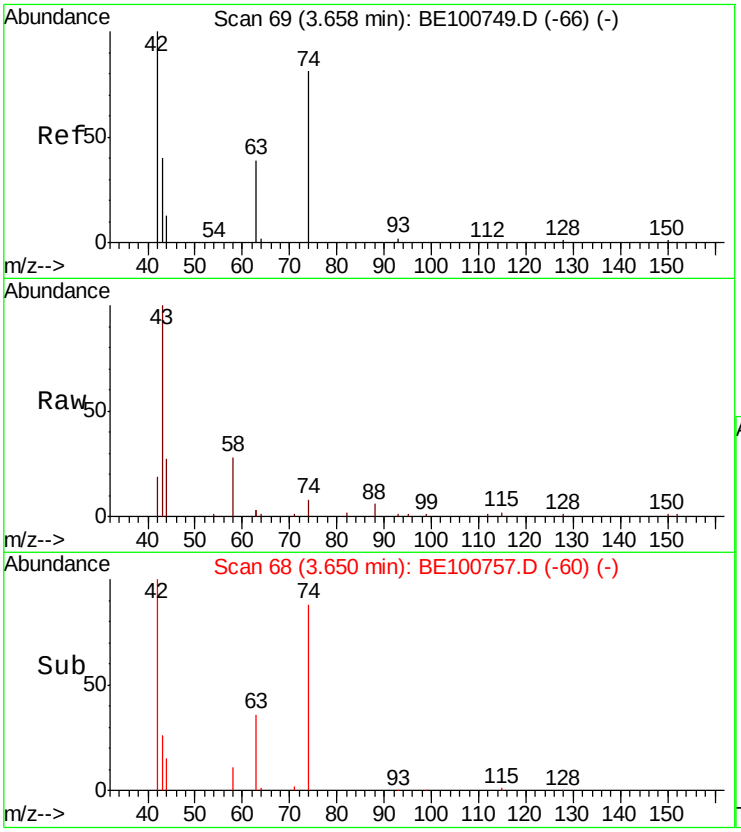


#2
1,4-Dioxane
Concen: 0.245 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Tgt Ion: 88 Resp: 2518

Ion	Ratio	Lower	Upper
88	100		
58	96.8	60.7	91.1#
43	0.0	27.4	41.2#



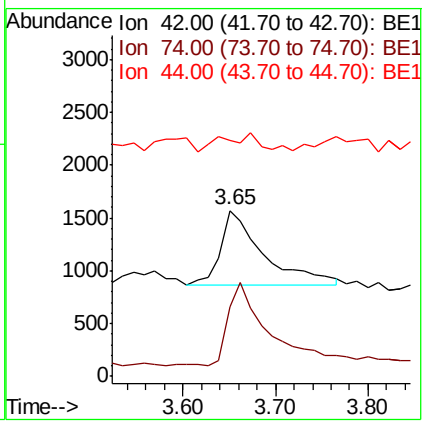


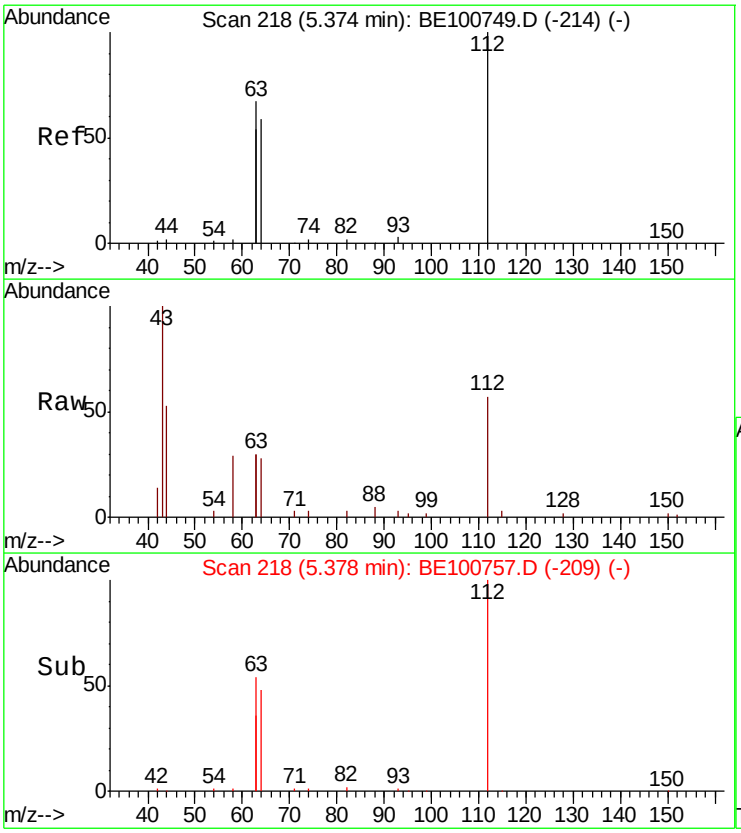
#3
n-Nitrosodimethylamine
Concen: 0.402 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.01 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Instrument :
BNA_E
ClientSampleId :
PB125011BS

Tgt Ion: 42 Resp: 2211

Ion	Ratio	Lower	Upper
42	100		
74	107.3	0.0	0.0#
44	0.0	4.2	6.4#

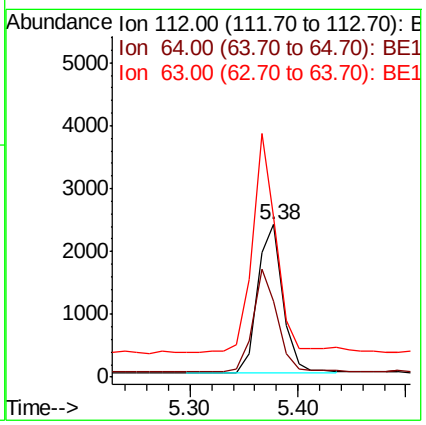


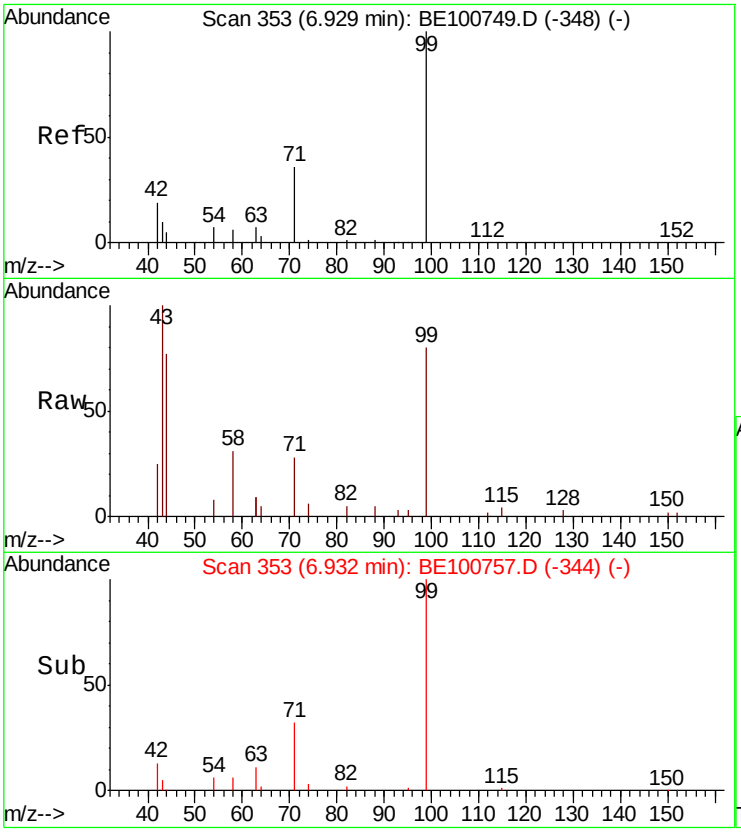


#4
2-Fluorophenol
Concen: 0.260 ng
RT: 5.38 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Tgt Ion:112 Resp: 3863

Ion	Ratio	Lower	Upper
112	100		
64	66.4	54.3	81.5
63	137.7	114.0	171.0



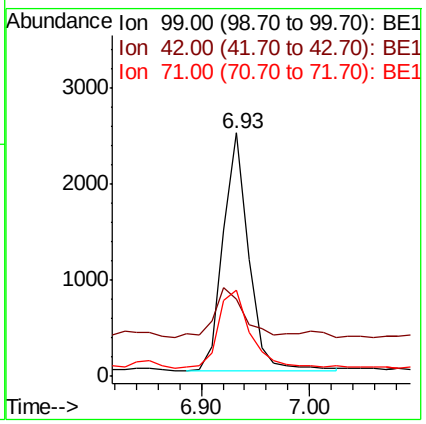


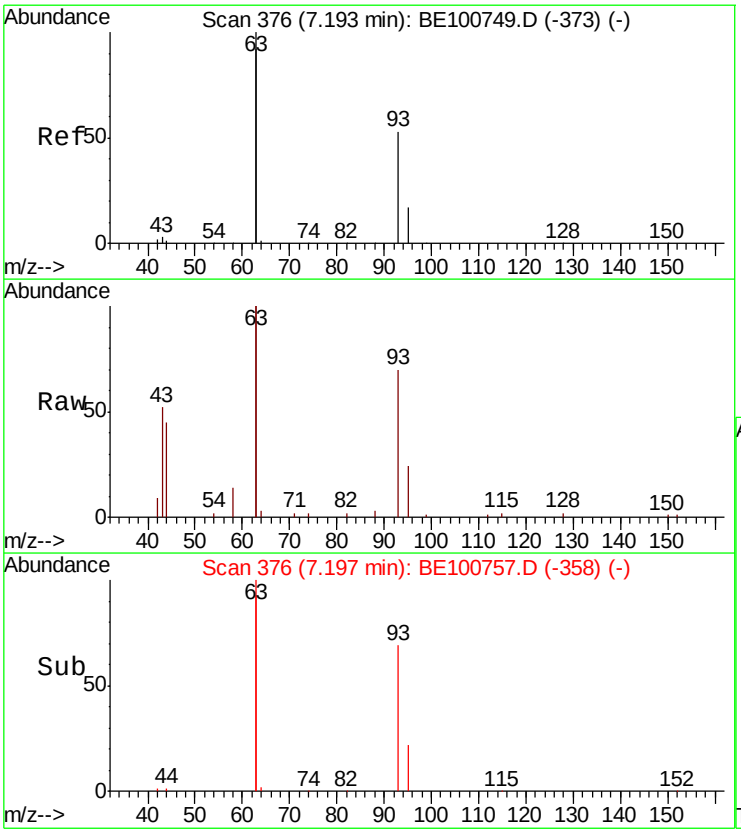
#5
Phenol-d6
Concen: 0.188 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Instrument :
BNA_E
ClientSampleId :
PB125011BS

Tgt Ion: 99 Resp: 4048

Ion	Ratio	Lower	Upper
99	100		
42	24.9	17.9	26.9
71	41.0	29.3	43.9

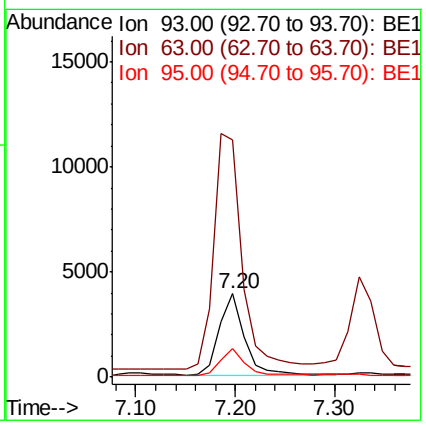


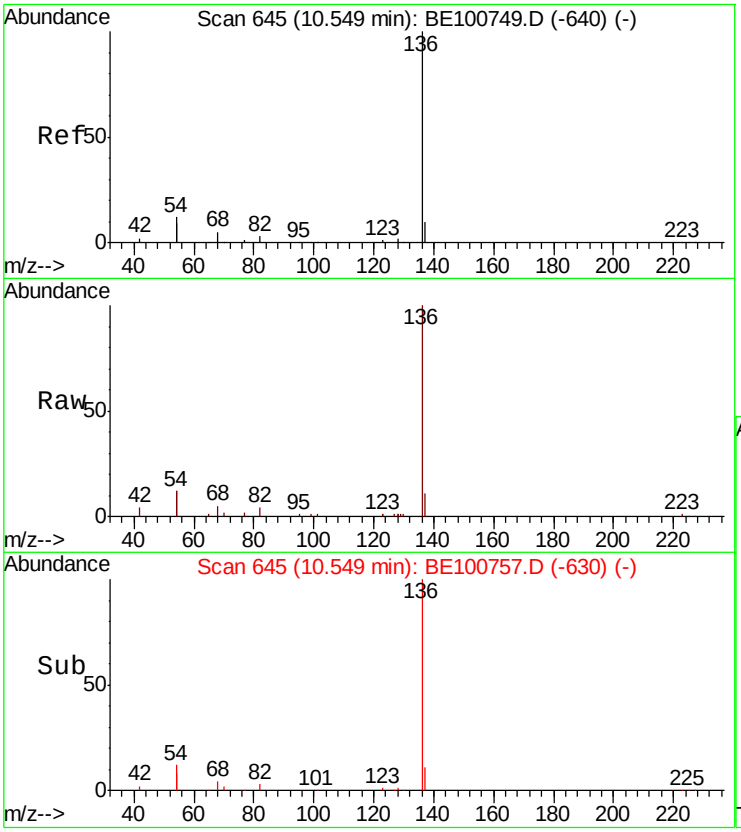


#6
bis(2-Chloroethyl)ether
Concen: 0.376 ng
RT: 7.20 min Scan# 376
Delta R.T. 0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Tgt Ion: 93 Resp: 6755

Ion	Ratio	Lower	Upper
93	100		
63	323.7	267.0	400.6
95	31.8	26.2	39.4



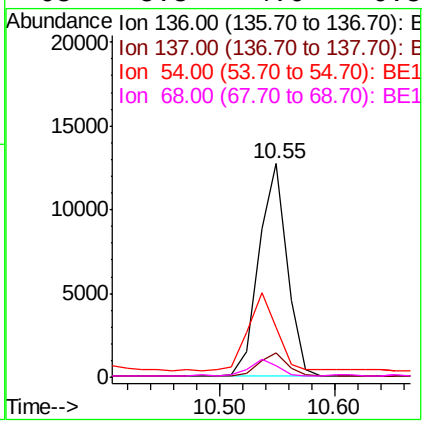


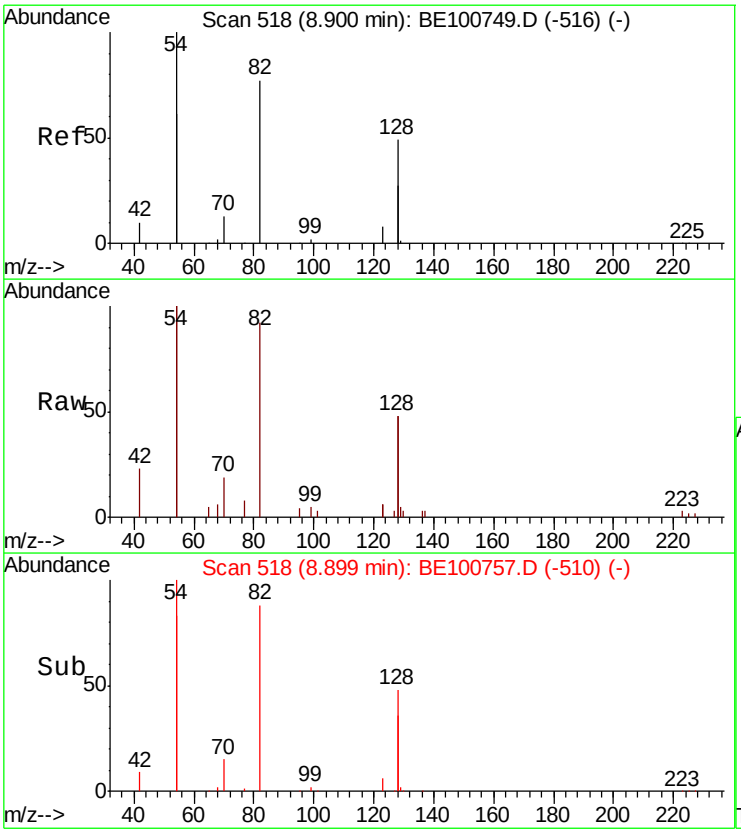
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Instrument :
BNA_E
ClientSampleId :
PB125011BS

Tgt Ion:136 Resp: 21891

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	23.2	19.4	29.0
68	5.3	4.6	6.8

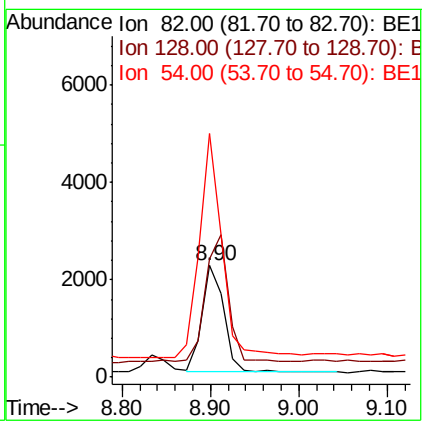


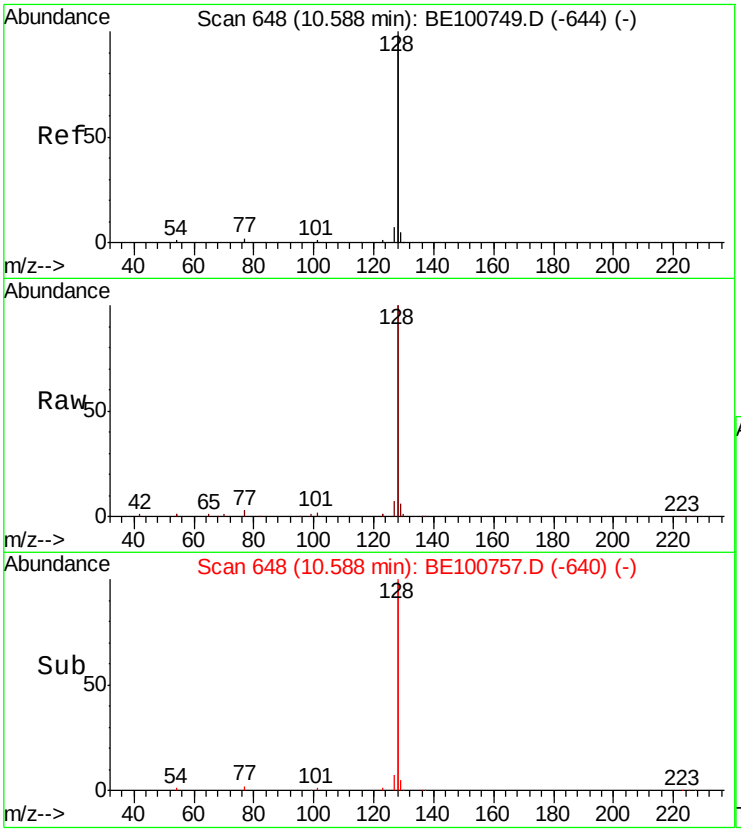


#8
Nitrobenzene-d5
Concen: 0.539 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Tgt Ion: 82 Resp: 3782

Ion	Ratio	Lower	Upper
82	100		
128	105.7	90.2	135.4
54	218.3	186.0	279.0



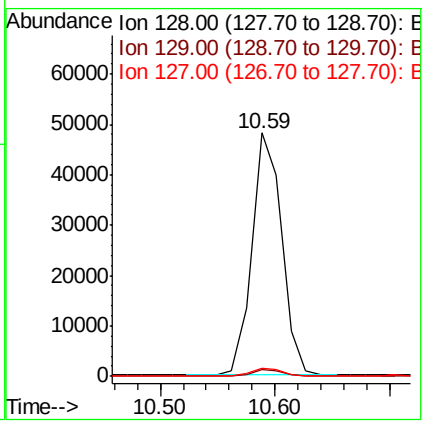


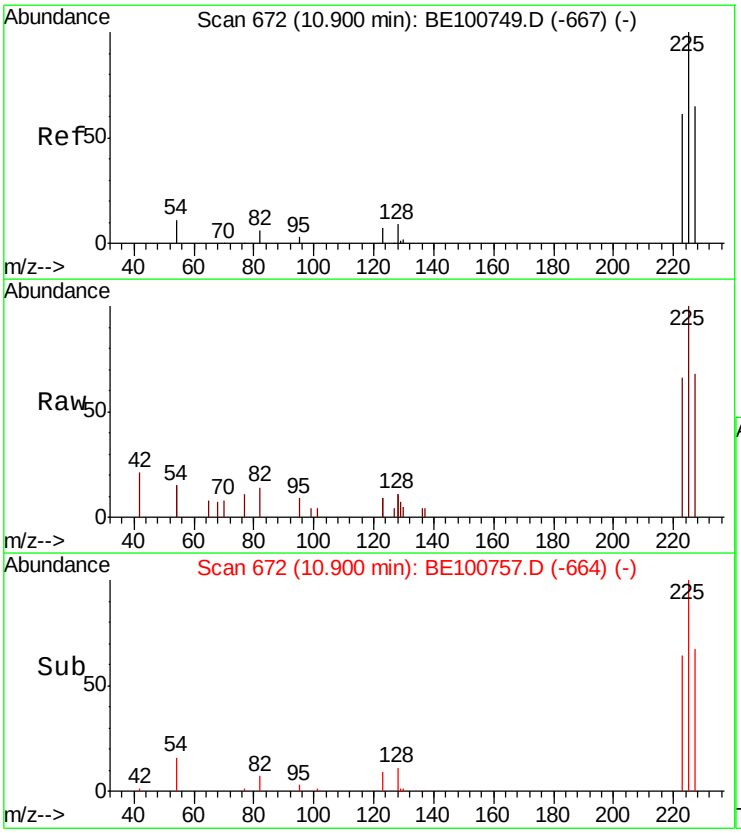
#9
Naphthalene
Concen: 0.374 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Instrument :
BNA_E
ClientSampleId :
PB125011BS

Tgt Ion:128 Resp: 86906

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.3	3.5
127	3.5	2.7	4.1

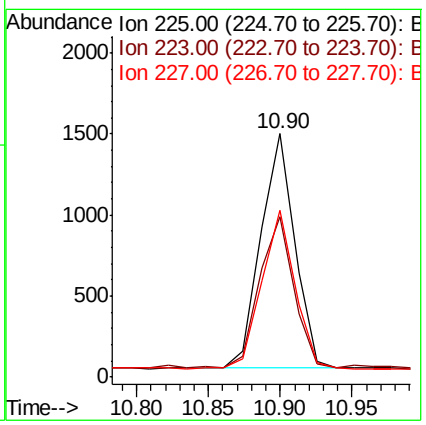


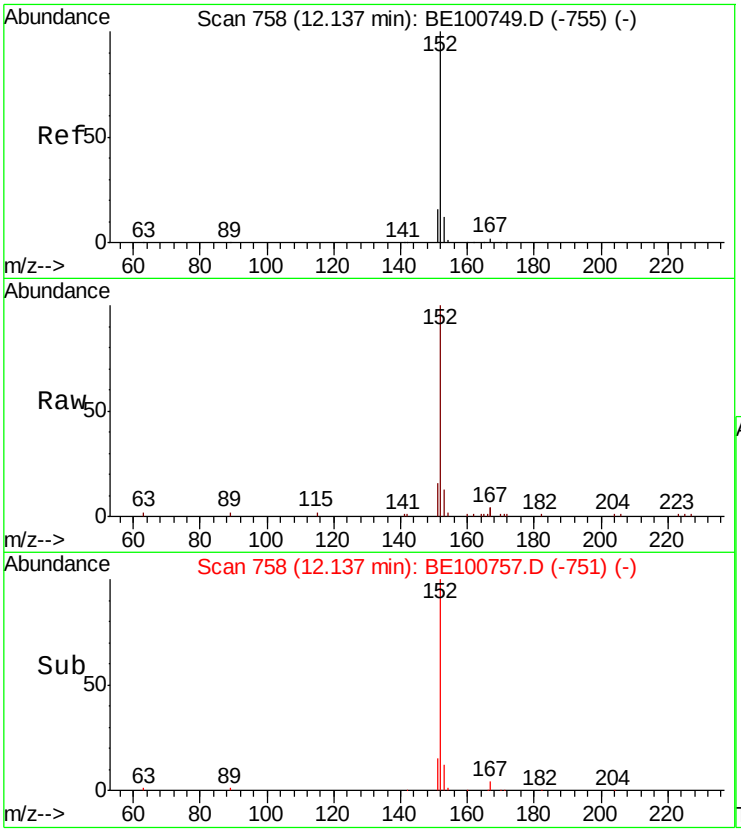


#10
Hexachlorobutadiene
Concen: 0.268 ng
RT: 10.90 min Scan# 672
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Tgt Ion:225 Resp: 2392

Ion	Ratio	Lower	Upper
225	100		
223	65.0	50.6	75.8
227	65.8	52.0	78.0



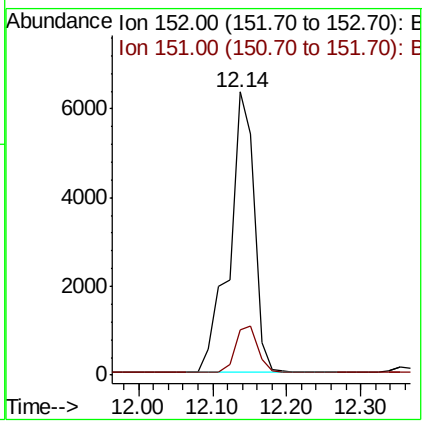


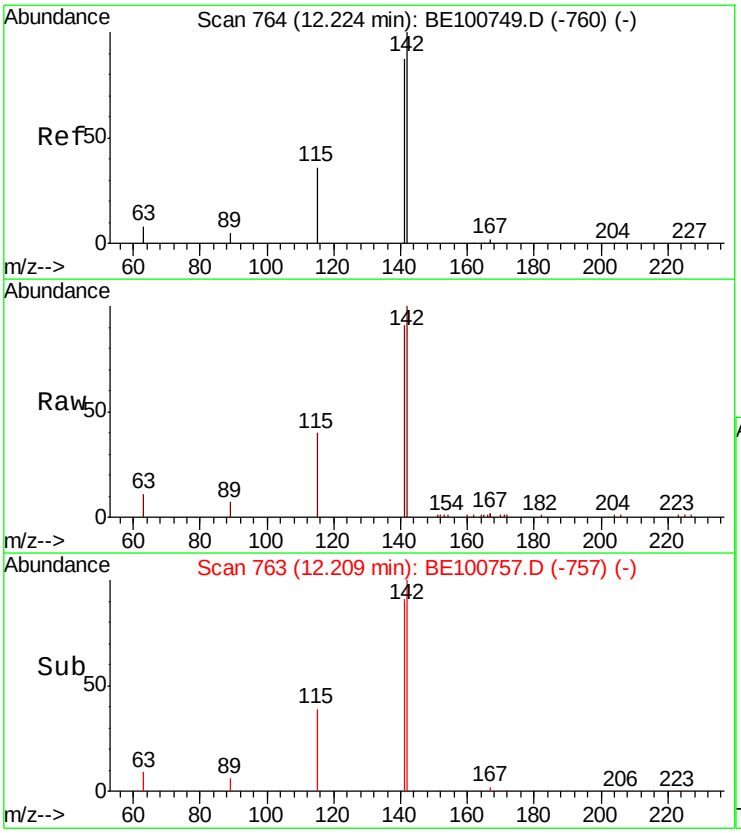
#11
2-Methylnaphthalene-d10
Concen: 0.457 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Instrument :
BNA_E
ClientSampleId :
PB125011BS

Tgt Ion:152 Resp: 14677

Ion	Ratio	Lower	Upper
152	100		
151	15.0	15.8	23.8#

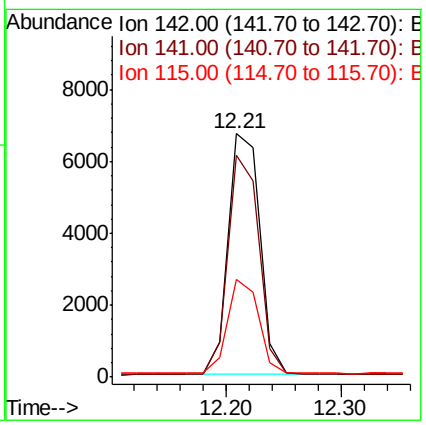


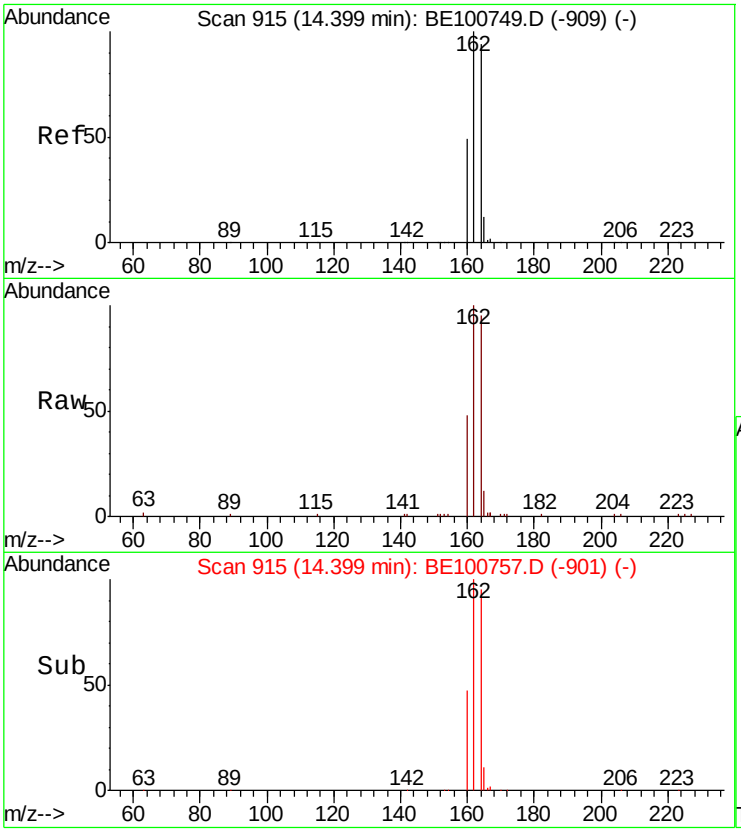


#12
2-Methylnaphthalene
Concen: 0.349 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Tgt Ion:142 Resp: 12834

Ion	Ratio	Lower	Upper
142	100		
141	91.3	69.9	104.9
115	40.4	29.5	44.3



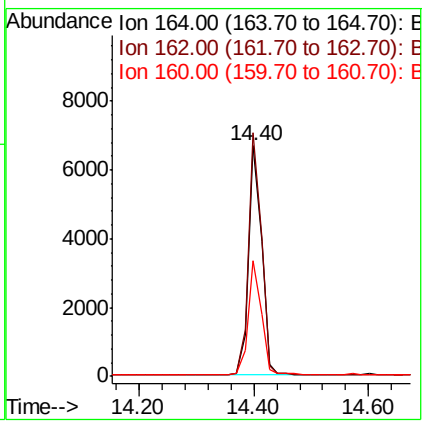


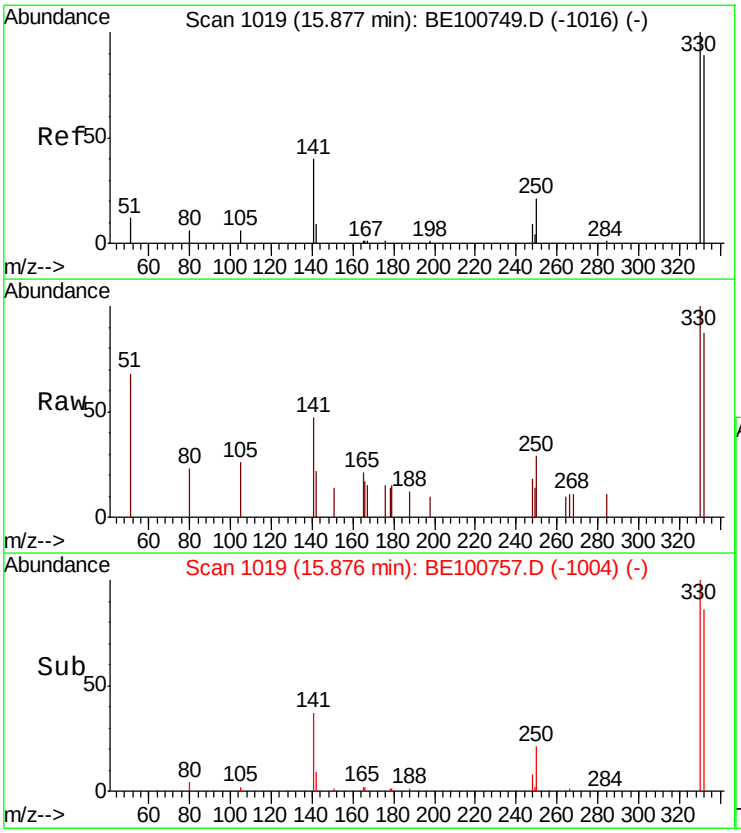
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Instrument :
BNA_E
ClientSampleId :
PB125011BS

Tgt Ion:164 Resp: 10378

Ion	Ratio	Lower	Upper
164	100		
162	105.5	84.8	127.2
160	50.2	42.3	63.5

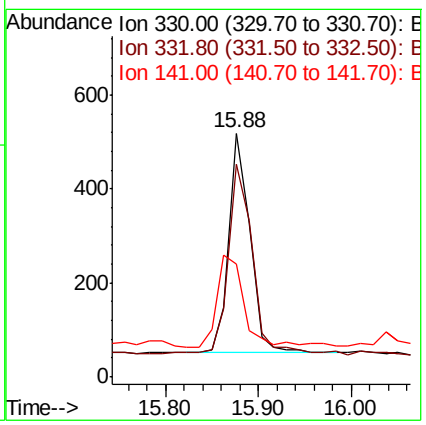


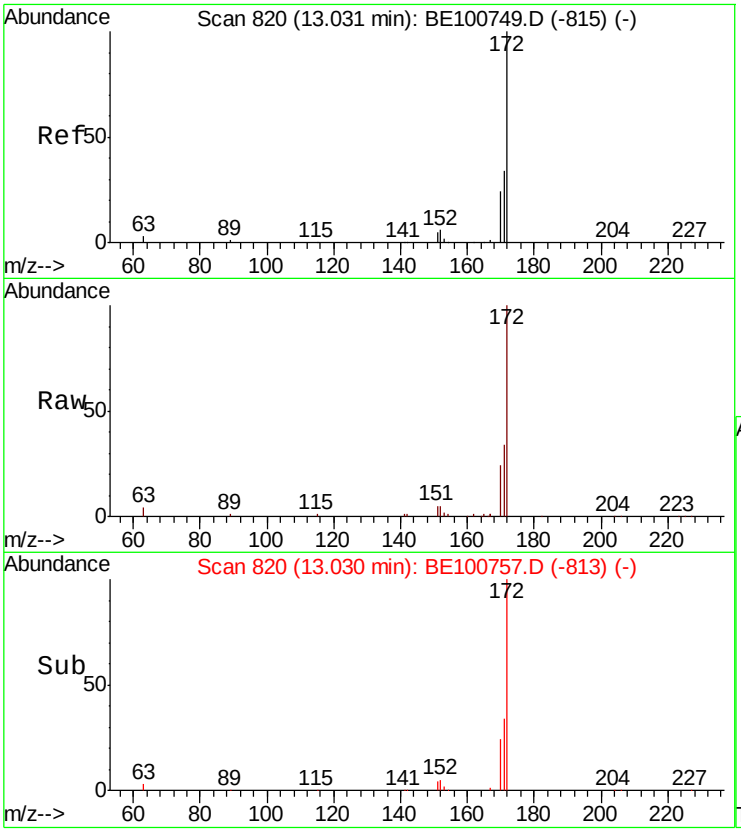


#14
2,4,6-Tribromophenol
Concen: 0.498 ng
RT: 15.88 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Tgt Ion:330 Resp: 729

Ion	Ratio	Lower	Upper
330	100		
332	99.7	79.3	118.9
141	54.6	43.8	65.6



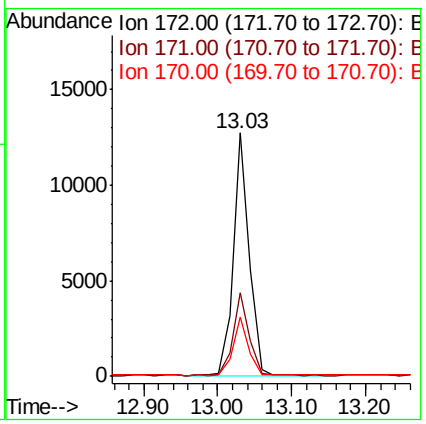


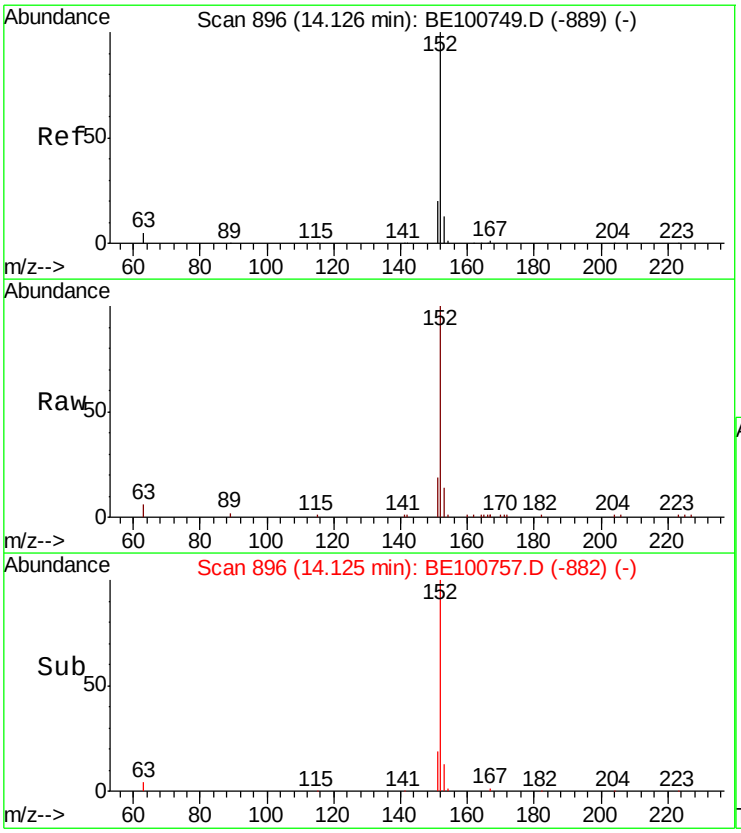
#15
2-Fluorobiphenyl
Concen: 0.465 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Instrument :
BNA_E
ClientSampleId :
PB125011BS

Tgt Ion:172 Resp: 18733

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.8	41.6
170	24.4	19.4	29.2

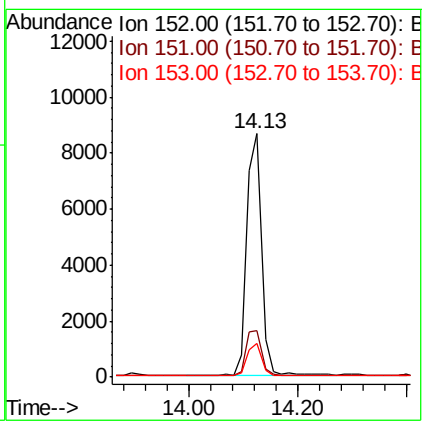


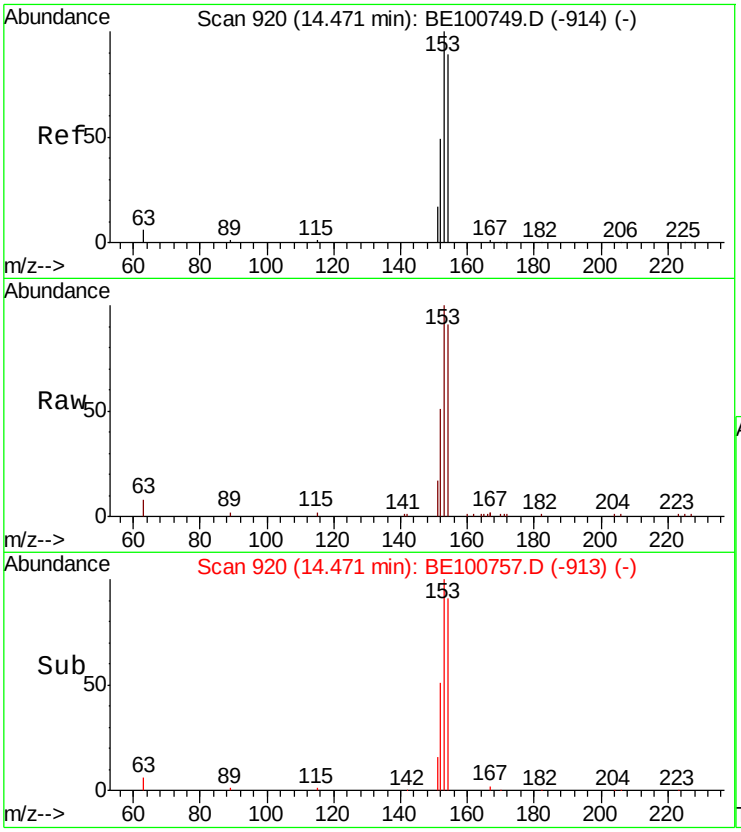


#16
Acenaphthylene
Concen: 0.356 ng
RT: 14.13 min Scan# 896
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Tgt Ion:152 Resp: 15924

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.4
153	12.5	10.6	15.8



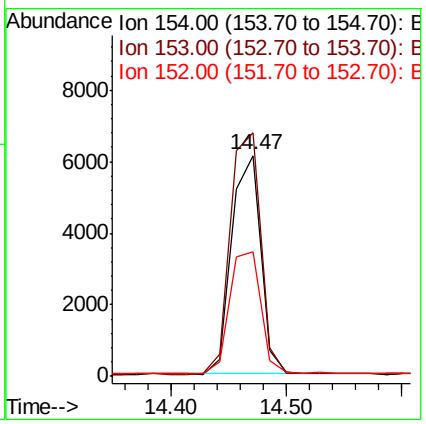


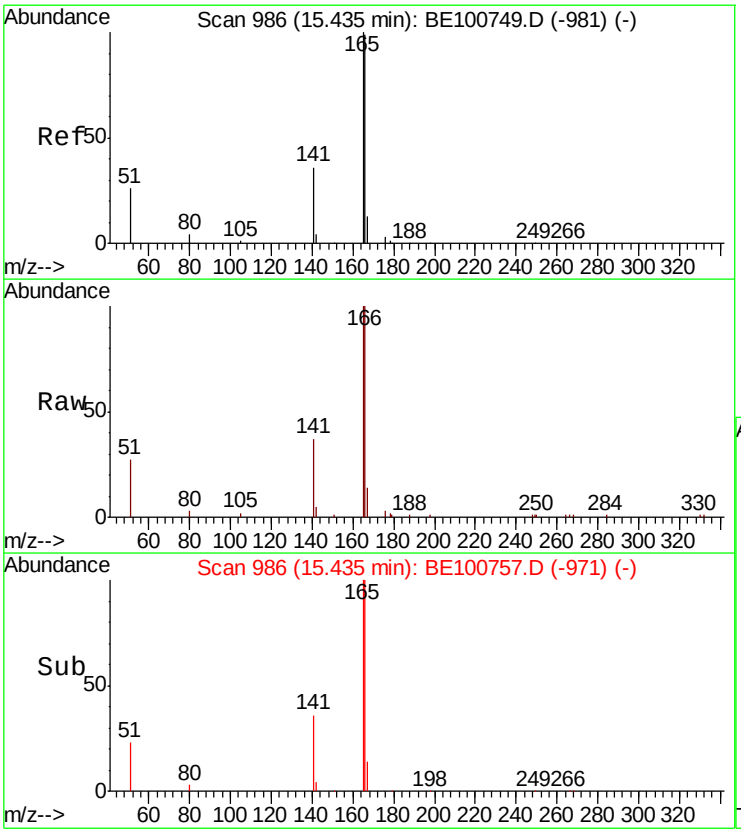
#17
Acenaphthene
Concen: 0.358 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Instrument :
BNA_E
ClientSampleId :
PB125011BS

Tgt Ion:154 Resp: 10725

Ion	Ratio	Lower	Upper
154	100		
153	115.3	91.6	137.4
152	60.6	47.0	70.6

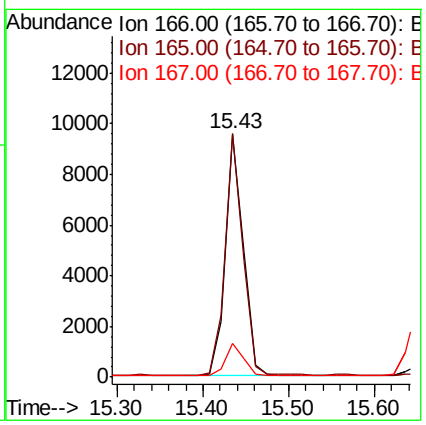


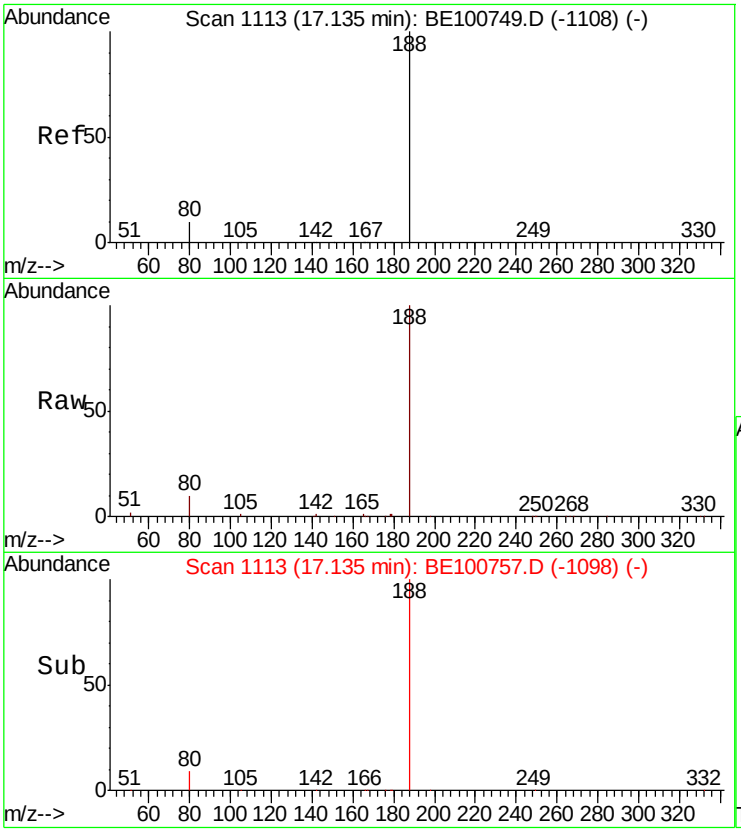


#18
Fluorene
Concen: 0.359 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Tgt Ion:166 Resp: 13726

Ion	Ratio	Lower	Upper
166	100		
165	99.4	80.2	120.4
167	13.8	11.0	16.4



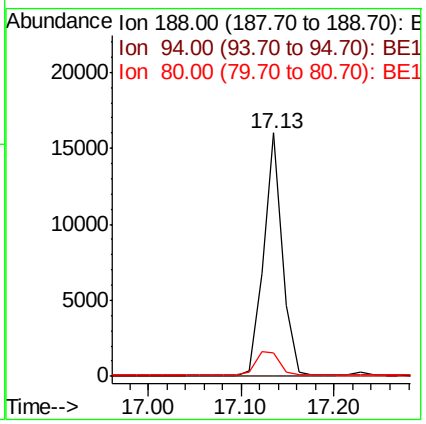


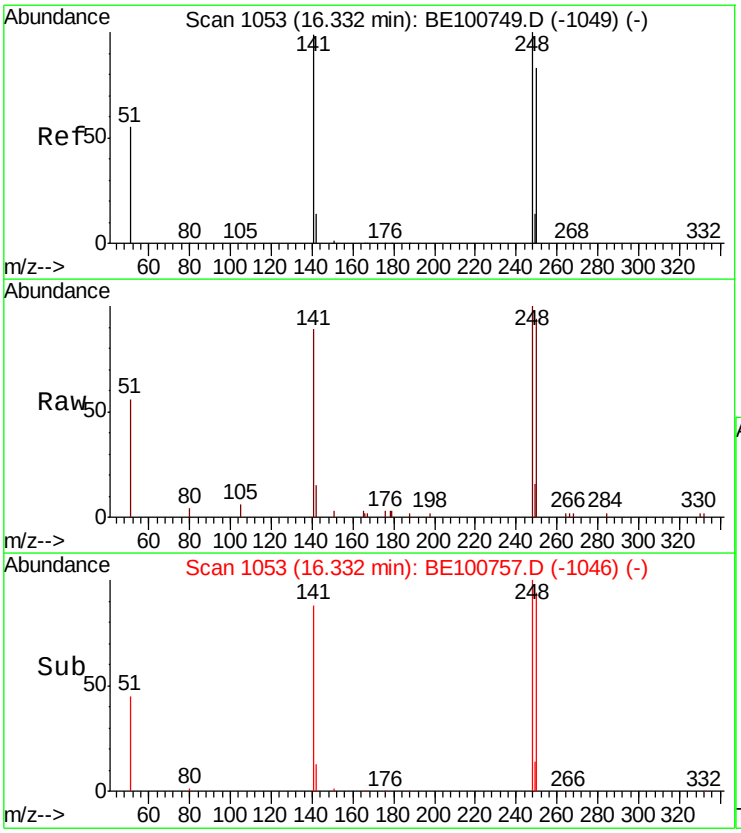
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Instrument :
BNA_E
ClientSampleId :
PB125011BS

Tgt Ion:188 Resp: 22506

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	8.2	12.2

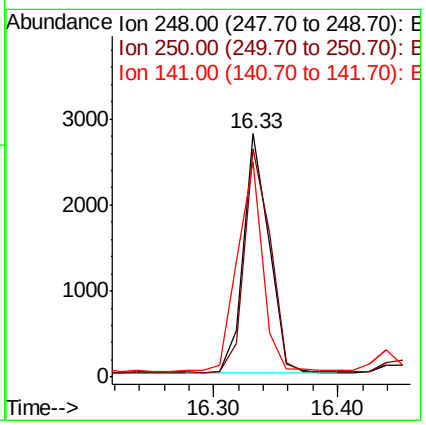


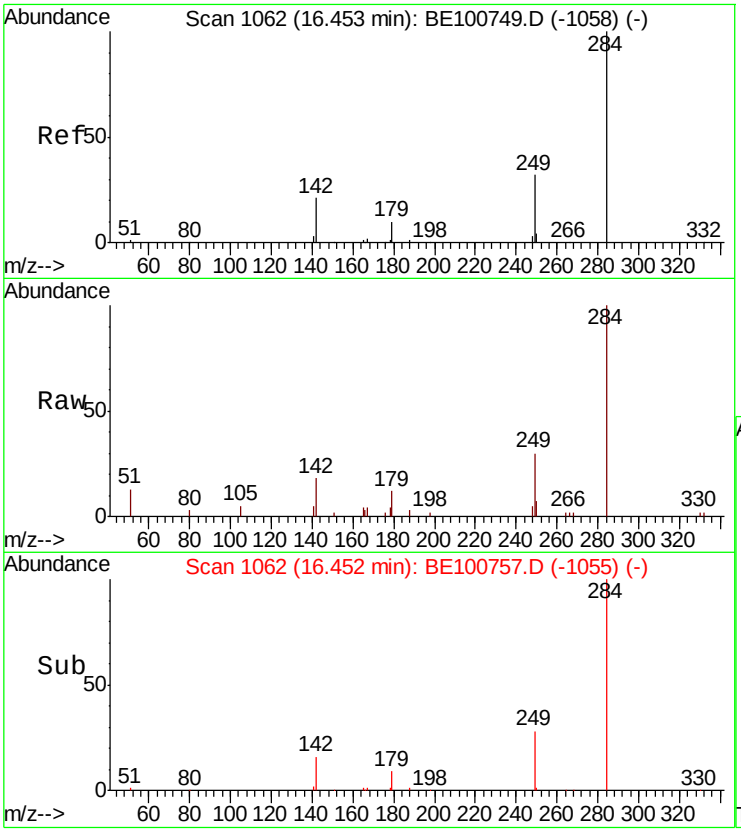


#20
4-Bromophenyl-phenylether
Concen: 0.355 ng
RT: 16.33 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Tgt Ion:248 Resp: 3930

Ion	Ratio	Lower	Upper
248	100		
250	94.0	66.3	99.5
141	88.8	79.6	119.4



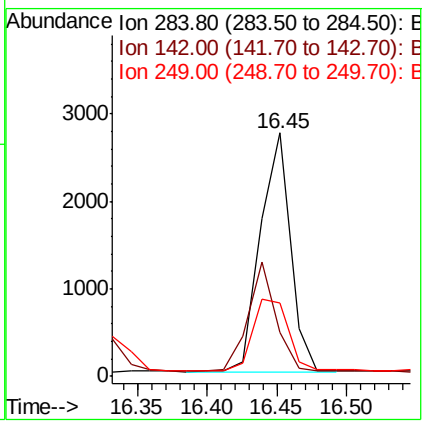


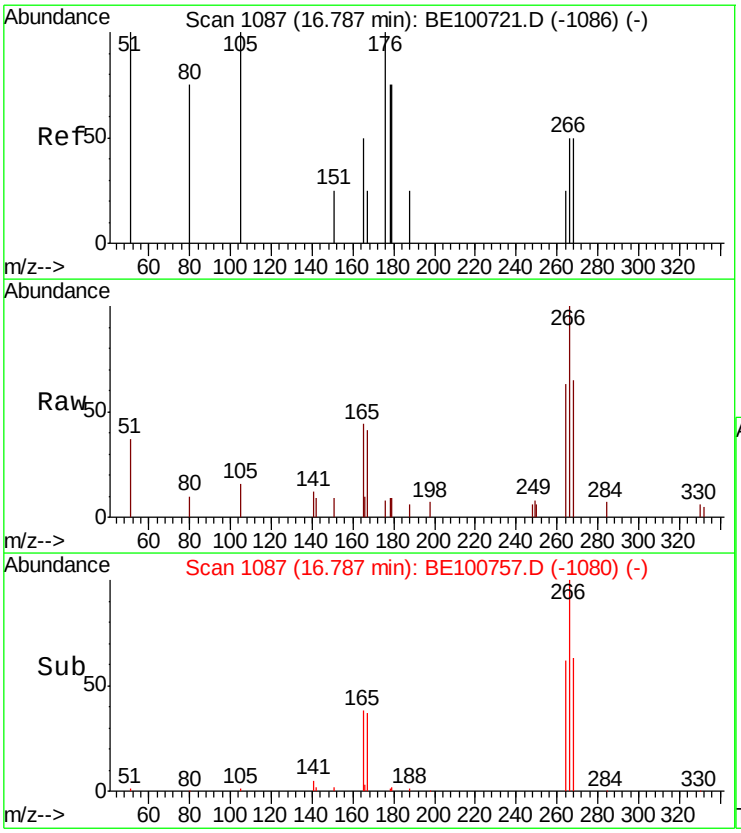
#21
Hexachlorobenzene
Concen: 0.354 ng
RT: 16.45 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Instrument :
BNA_E
ClientSampleId :
PB125011BS

Tgt Ion:284 Resp: 4093

Ion	Ratio	Lower	Upper
284	100		
142	41.8	34.9	52.3
249	35.1	28.7	43.1

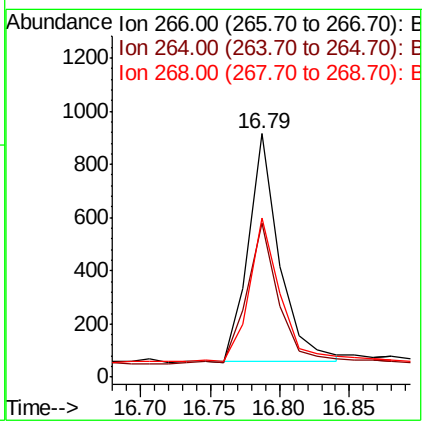


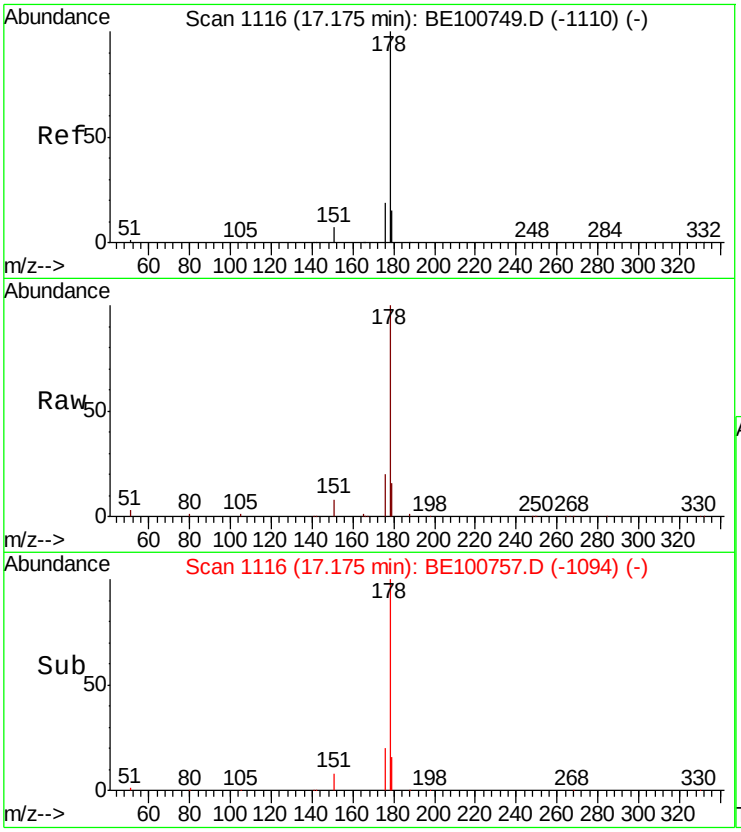


#22
Pentachlorophenol
Concen: 0.768 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Tgt Ion:266 Resp: 1334

Ion	Ratio	Lower	Upper
266	100		
264	63.1	54.6	82.0
268	65.2	52.6	78.8



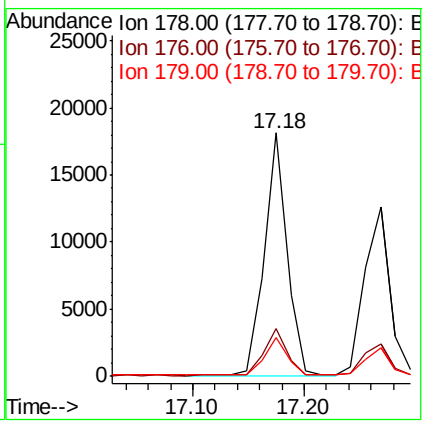


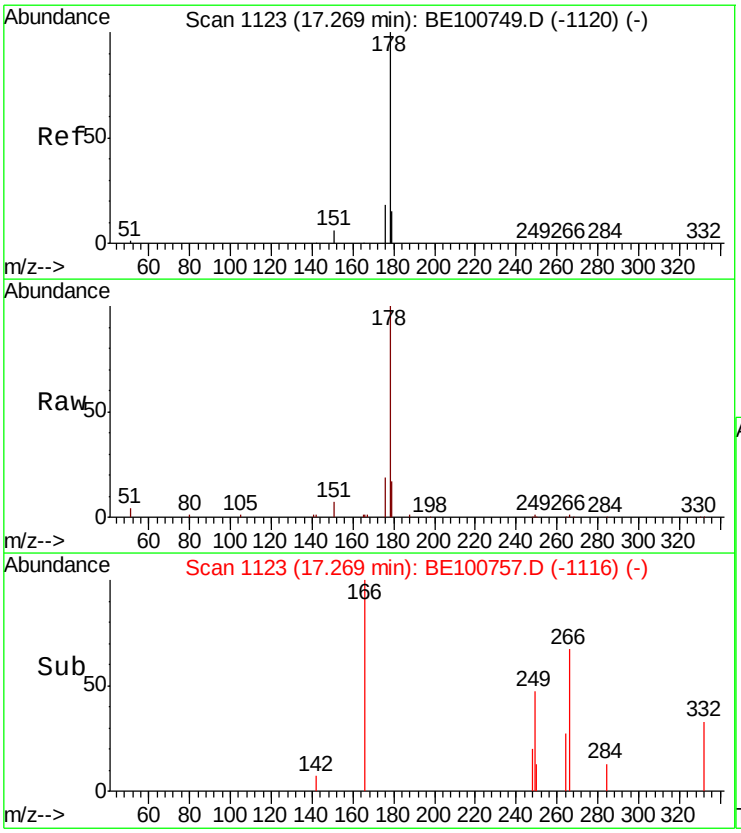
#23
Phenanthrene
Concen: 0.380 ng
RT: 17.18 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Instrument :
BNA_E
ClientSampleId :
PB125011BS

Tgt Ion:178 Resp: 25767

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.9	12.5	18.7

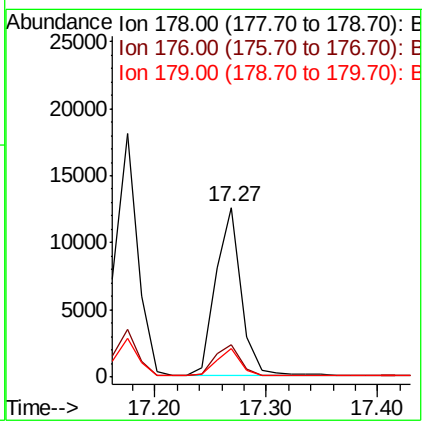


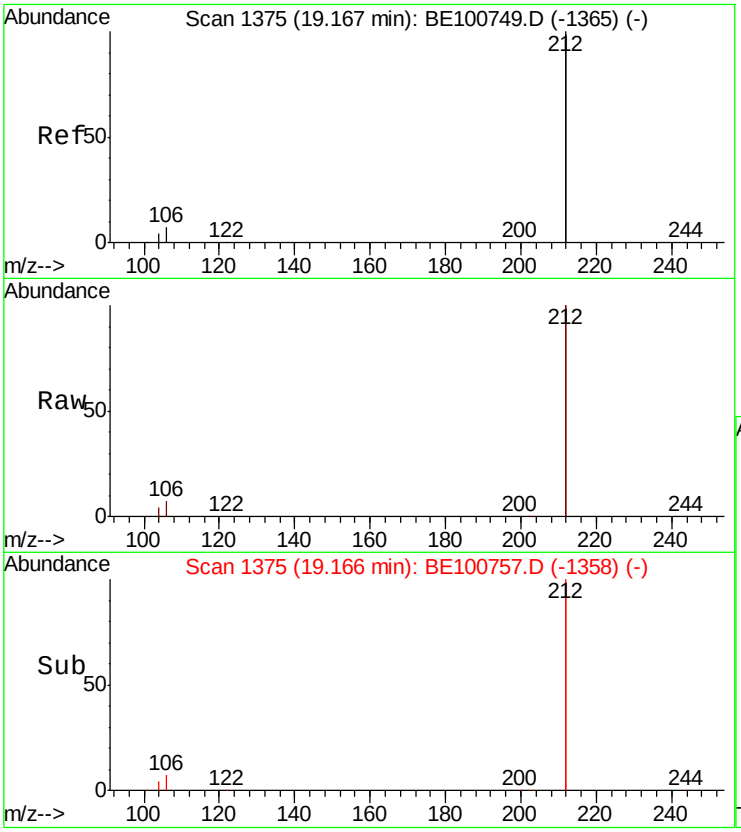


#24
Anthracene
Concen: 0.337 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Tgt Ion:178 Resp: 19689

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.9	22.3
179	15.7	12.2	18.4



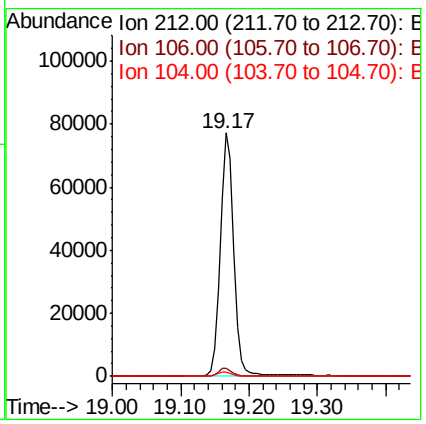


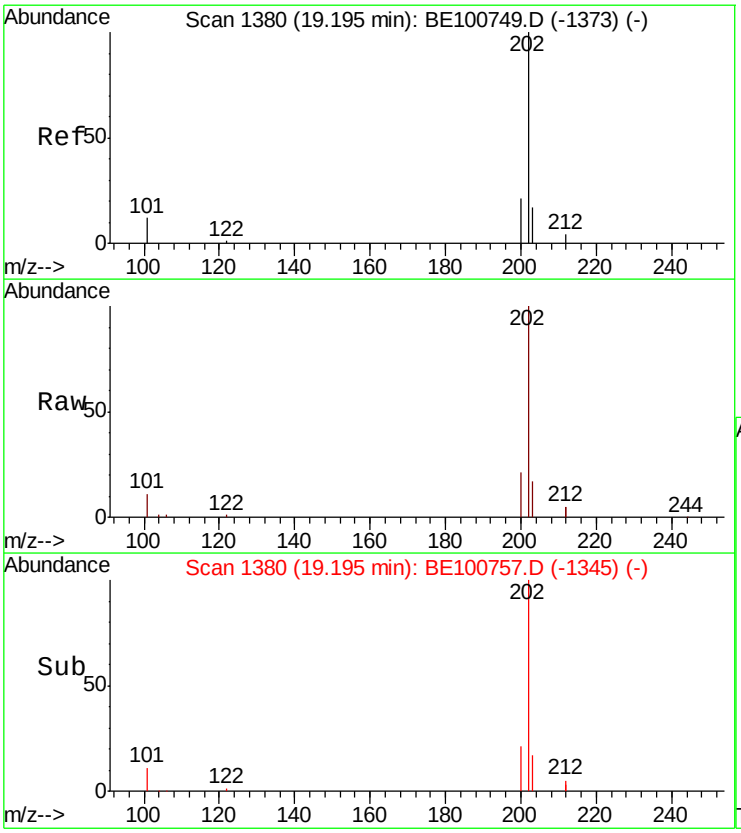
#25
Fluoranthene-d10
Concen: 0.385 ng
RT: 19.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Instrument :
BNA_E
ClientSampleId :
PB125011BS

Tgt Ion:212 Resp: 106034

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	4.0
104	1.8	1.5	2.3

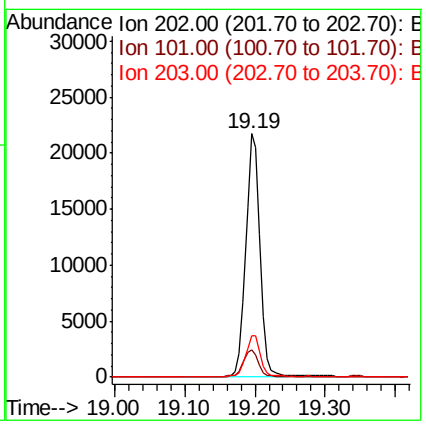


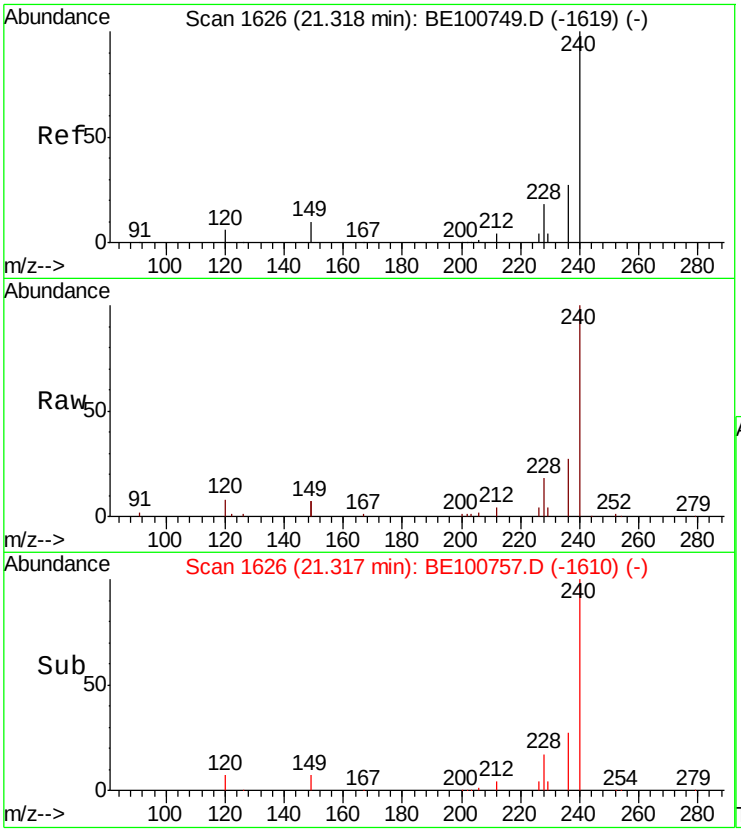


#26
Fluoranthene
Concen: 0.365 ng
RT: 19.19 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Tgt Ion:202 Resp: 30312

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.2	13.8
203	16.8	13.8	20.8



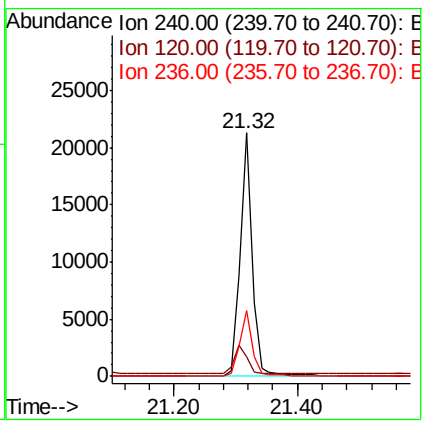


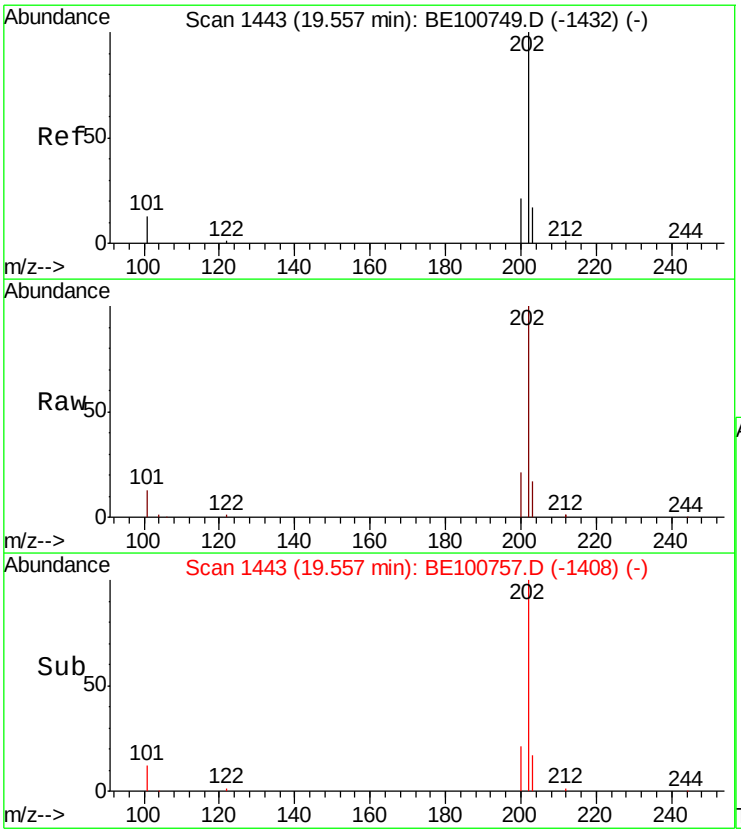
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Instrument :
BNA_E
ClientSampleId :
PB125011BS

Tgt Ion:240 Resp: 27871

Ion	Ratio	Lower	Upper
240	100		
120	7.9	5.8	8.8
236	27.2	21.9	32.9

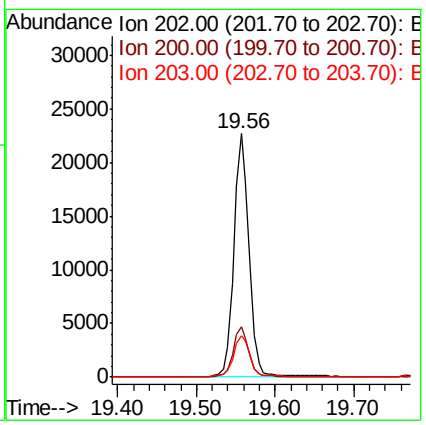


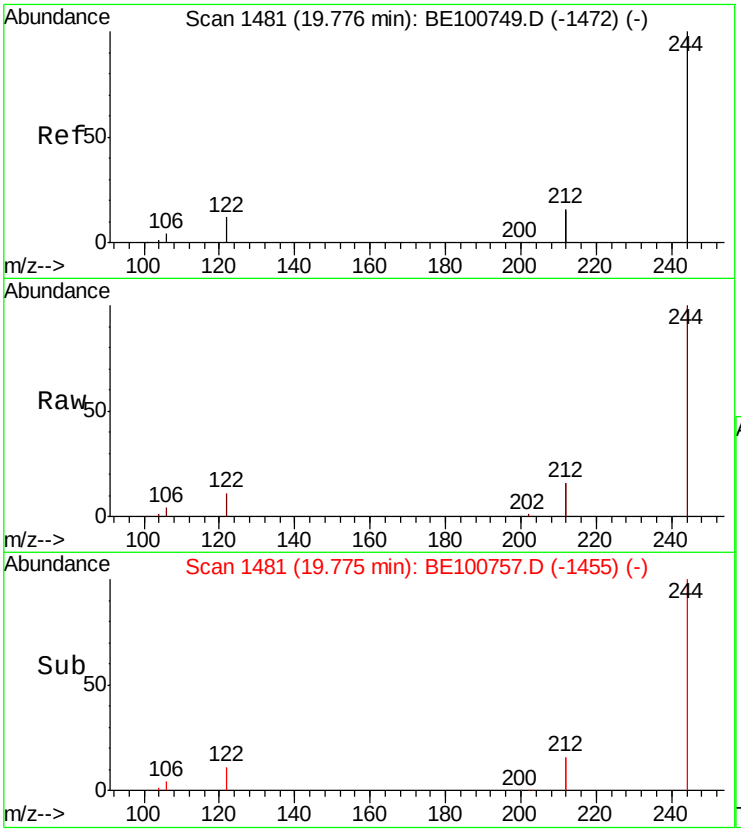


#28
Pyrene
Concen: 0.348 ng
RT: 19.56 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Tgt Ion:202 Resp: 30066

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	17.8	14.0	21.0



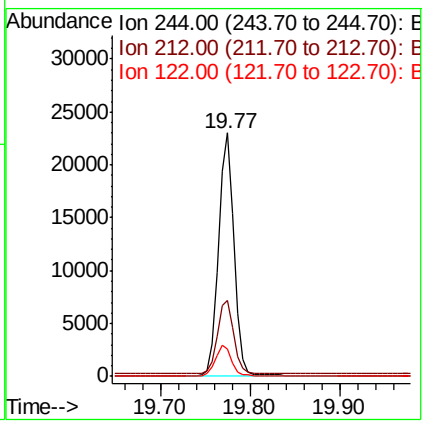


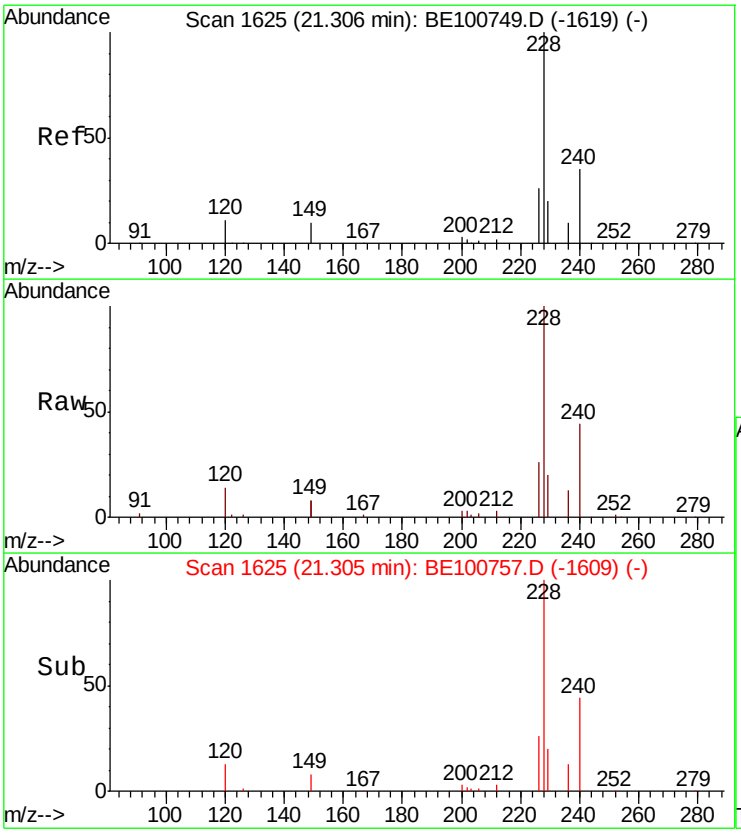
#29
Terphenyl-d14
Concen: 0.429 ng
RT: 19.77 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Instrument :
BNA_E
ClientSampleId :
PB125011BS

Tgt Ion:244 Resp: 27538

Ion	Ratio	Lower	Upper
244	100		
212	31.2	25.2	37.8
122	11.2	9.8	14.6

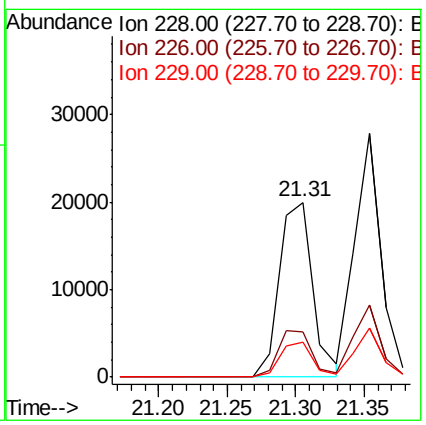


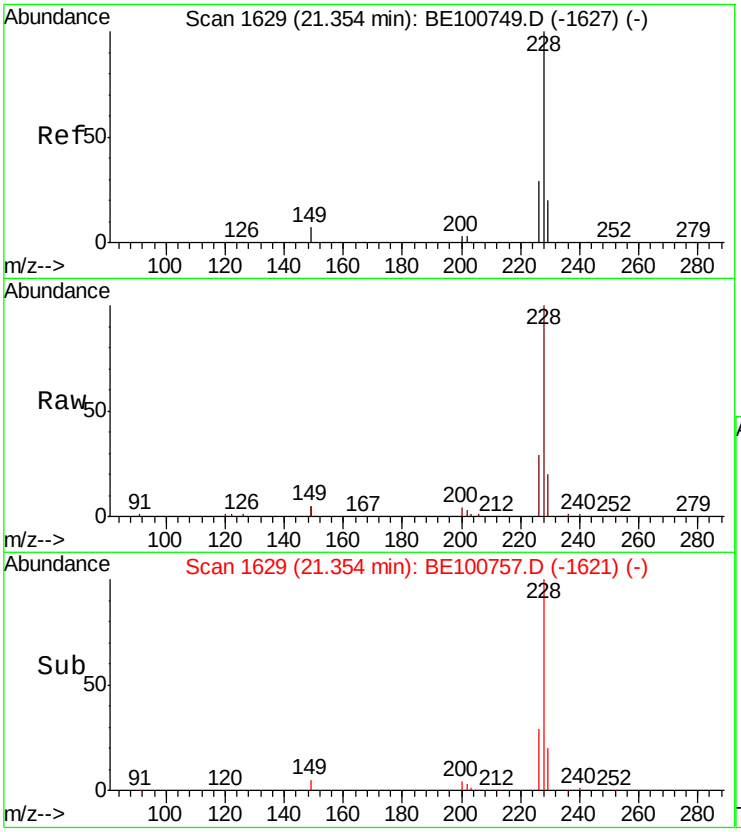


#30
Benzo(a)anthracene
Concen: 0.356 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Tgt Ion:228 Resp: 33508

Ion	Ratio	Lower	Upper
228	100		
226	25.8	20.7	31.1
229	20.4	16.2	24.2



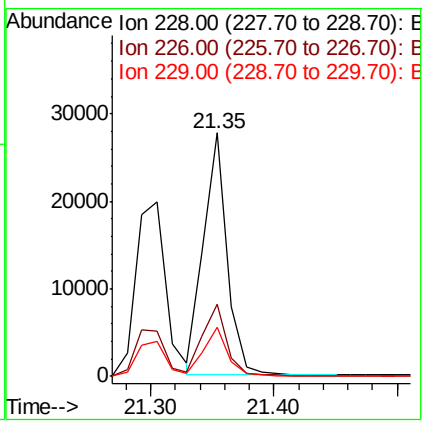


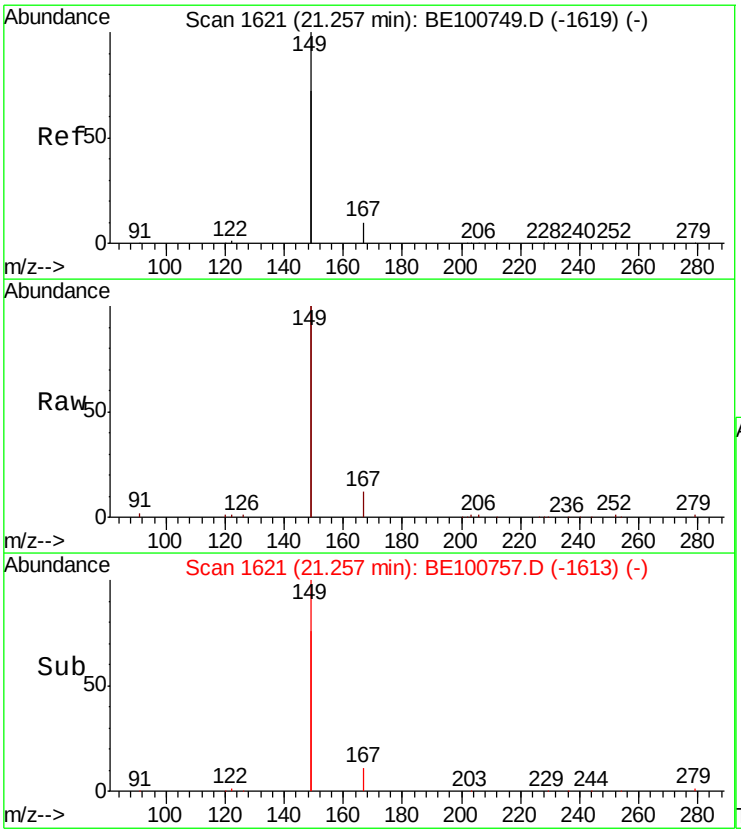
#31
Chrysene
Concen: 0.388 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Instrument :
BNA_E
ClientSampleId :
PB125011BS

Tgt Ion:228 Resp: 37060

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.8	35.6
229	20.3	15.9	23.9

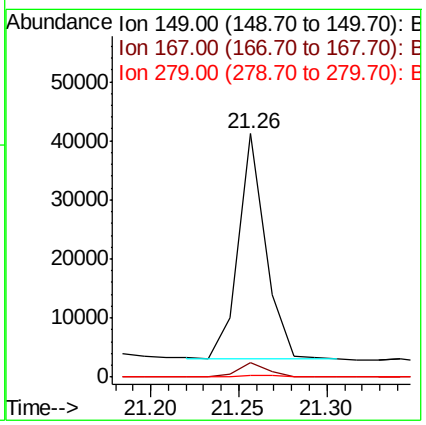


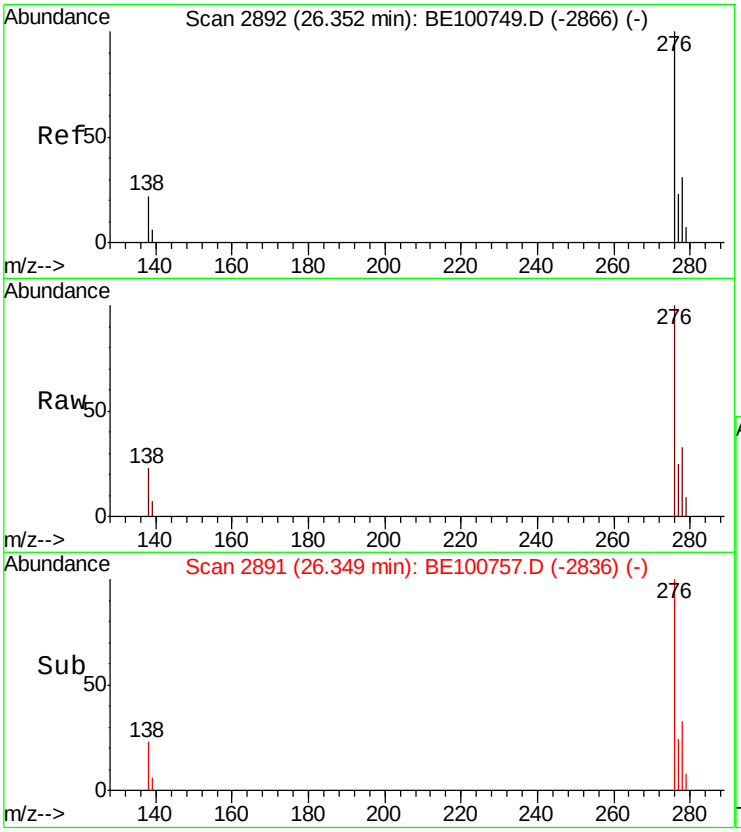


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.307 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Tgt Ion:149 Resp: 41095

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.5	8.3
279	0.9	0.7	1.1



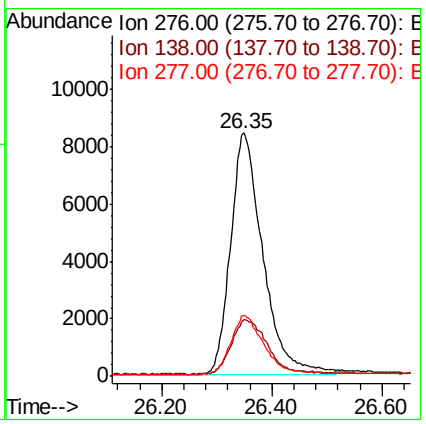


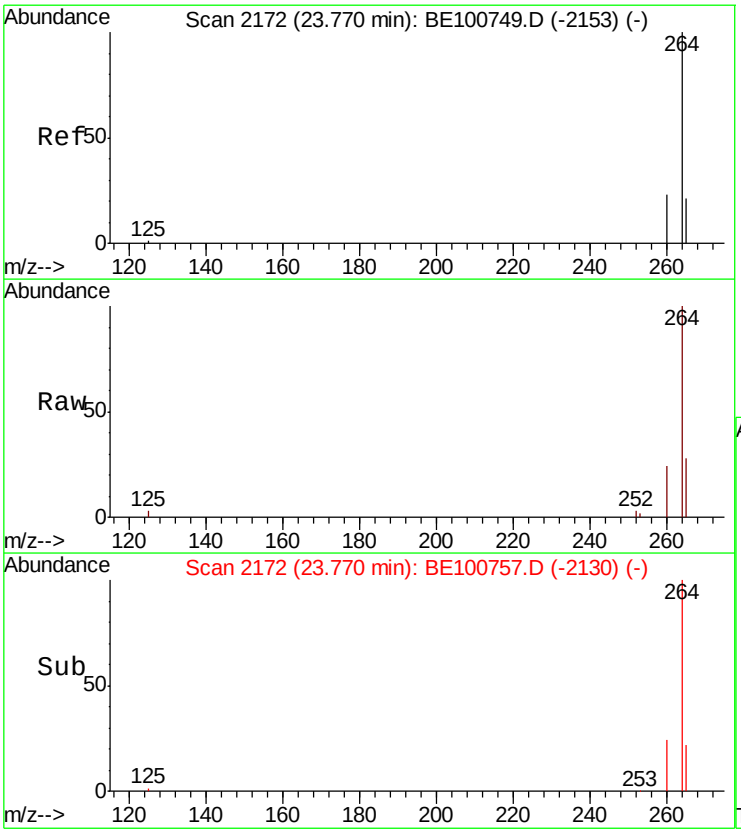
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.390 ng
RT: 26.35 min Scan# 2891
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Instrument :
BNA_E
ClientSampleId :
PB125011BS

Tgt Ion:276 Resp: 34443

Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.8	29.6
277	24.0	19.7	29.5

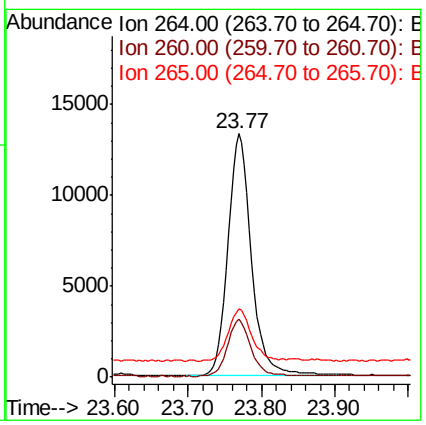


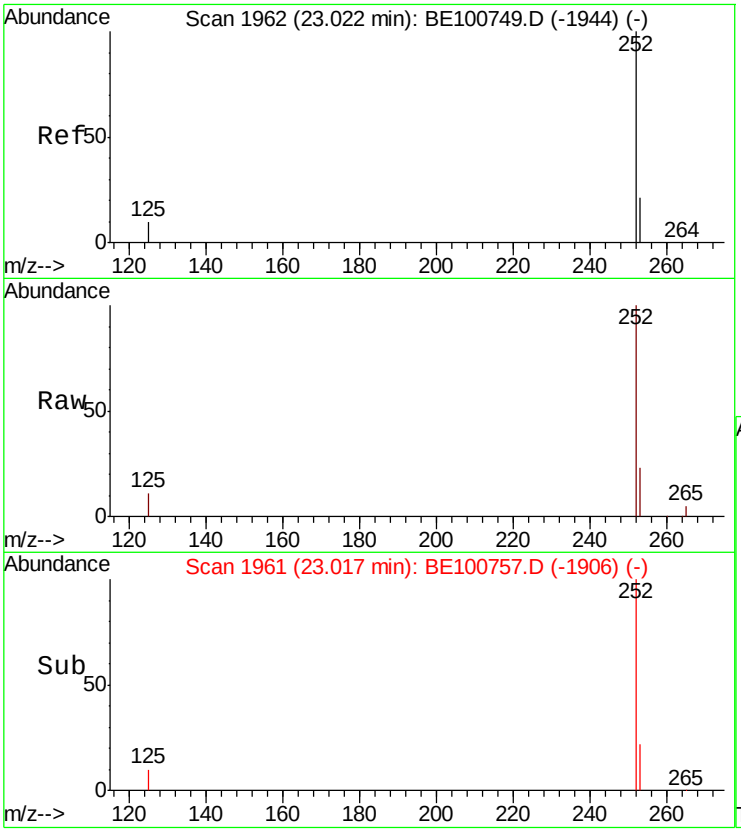


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.77 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Tgt Ion:264 Resp: 30057

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	28.3	22.4	33.6



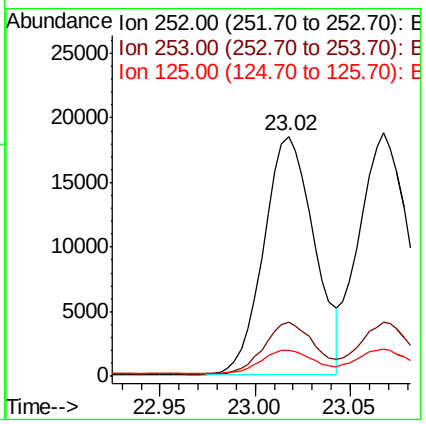


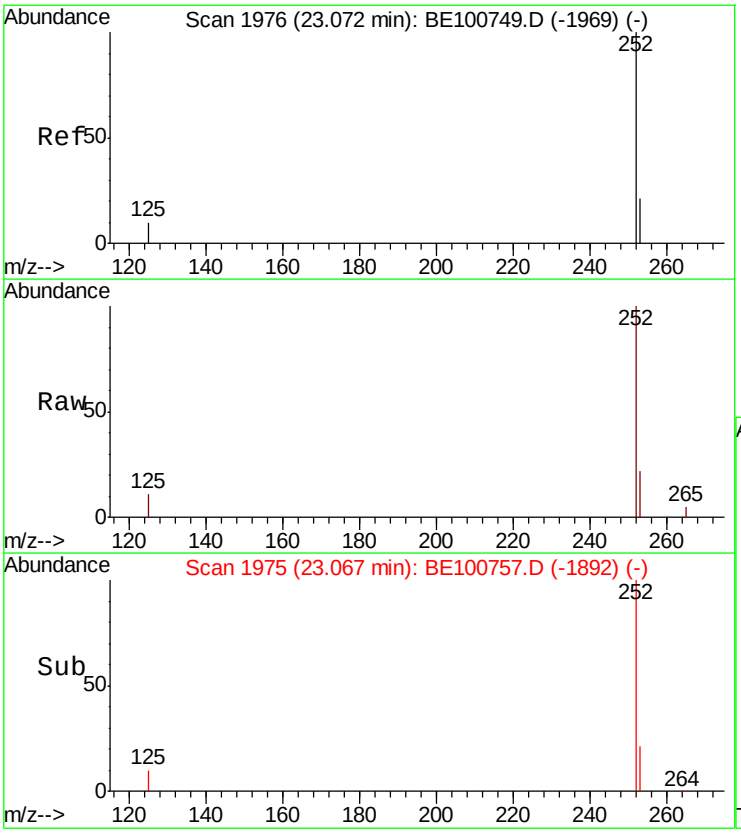
#35
Benzo(b)fluoranthene
Concen: 0.362 ng
RT: 23.02 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Instrument :
BNA_E
ClientSampleId :
PB125011BS

Tgt Ion:252 Resp: 34143

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	11.1	9.1	13.7

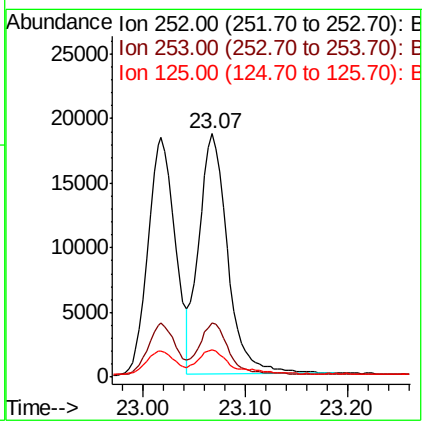


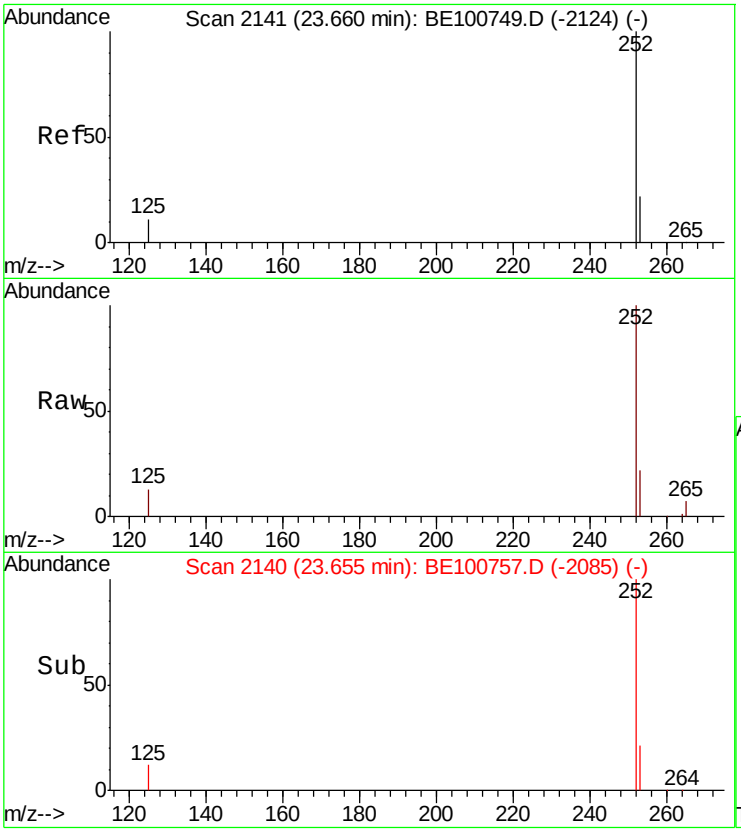


#36
Benzo(k)fluoranthene
Concen: 0.370 ng
RT: 23.07 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Tgt Ion:252 Resp: 36348

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	11.2	9.0	13.4



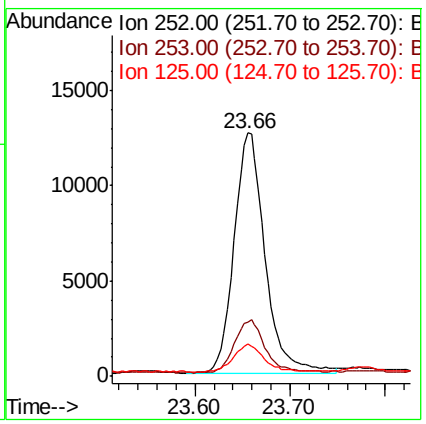


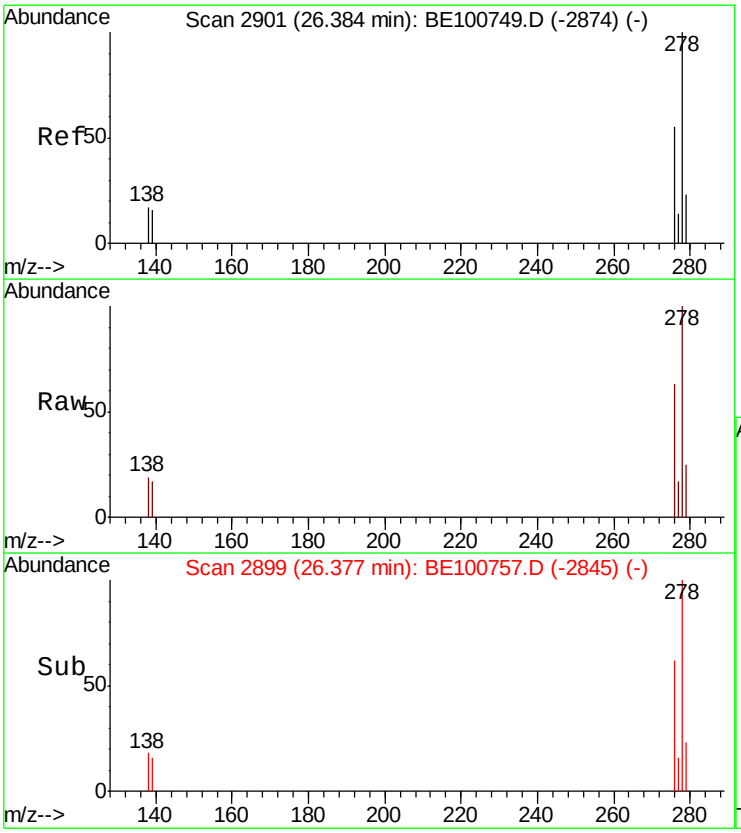
#37
Benzo(a)pyrene
Concen: 0.342 ng
RT: 23.66 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Instrument :
BNA_E
ClientSampleId :
PB125011BS

Tgt Ion:252 Resp: 28408

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.3	27.5
125	13.4	10.5	15.7

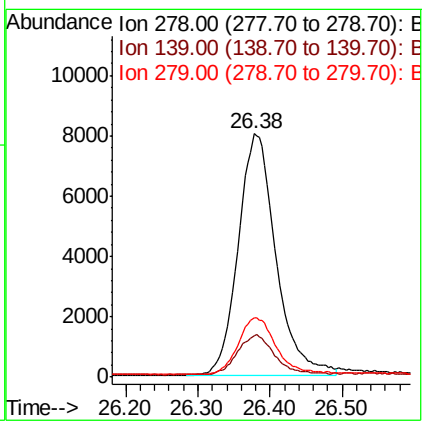


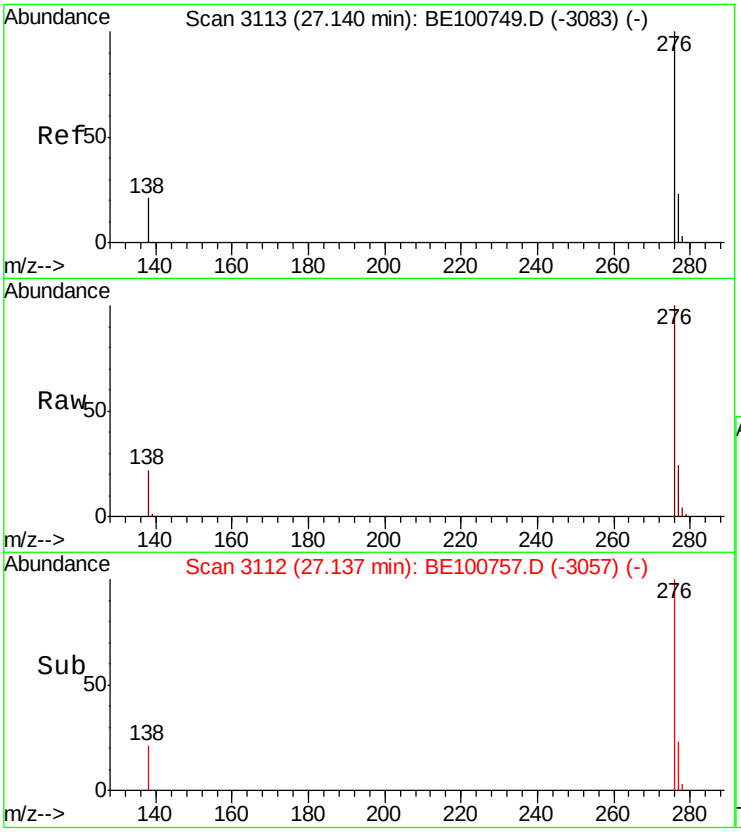


#38
Dibenzo(a,h)anthracene
Concen: 0.325 ng
RT: 26.38 min Scan# 2899
Delta R.T. -0.01 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Tgt Ion:278 Resp: 28450

Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.2	19.8
279	24.5	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.383 ng
RT: 27.14 min Scan# 3112
Delta R.T. -0.00 min
Lab File: BE100757.D
Acq: 22 Nov 2019 13:55

Instrument :
BNA_E
ClientSampleId :
PB125011BS

Tgt Ion:276 Resp: 31725

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.9	28.3
138	21.8	17.8	26.8