Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091819\
Data File : BE100513.D
Acq On : 18 Sep 2019 18:56
Operator : HP/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 19 06:51:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:49:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	7142	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	32187	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	18687	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	42630	0.40	ng		0.00
27) Chrysene-d12	21.37	240	49020	0.40	ng		0.00
34) Perylene-d12	23.84	264	56438	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.43	112	8342	0.34	ng		-0.01
5) Phenol-d6	7.02	99	10638	0.36	ng		0.00
8) Nitrobenzene-d5	9.00	82	7115	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	20718	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	1422	0.32	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	26860	0.37	ng		0.00
25) Fluoranthene-d10	19.23	212	218350	0.38	ng		0.00
29) Terphenyl-d14	19.83	244	48192	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	5373	0.431	ng		92
3) n-Nitrosodimethylamine	3.66	42	2524	0.330	ng	#	88
6) bis(2-Chloroethyl)ether	7.28	93	10201	0.377	ng		98
9) Naphthalene	10.69	128	145114	0.401	ng		100
10) Hexachlorobutadiene	10.99	225	4541	0.401	ng		98
12) 2-Methylnaphthalene	12.31	142	22872	0.383	ng		98
16) Acenaphthylene	14.21	152	35284	0.359	ng		100
17) Acenaphthene	14.54	154	22662	0.368	ng		99
18) Fluorene	15.52	166	28569	0.359	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	8123	0.374	ng		98
21) Hexachlorobenzene	16.52	284	6980	0.397	ng		99
22) Pentachlorophenol	16.87	266	1477	0.439	ng		95
23) Phenanthrene	17.24	178	50513	0.393	ng		100
24) Anthracene	17.34	178	42853	0.369	ng		99
26) Fluoranthene	19.26	202	62823	0.387	ng		99
28) Pyrene	19.61	202	63382	0.396	ng		100
30) Benzo(a)anthracene	21.34	228	61838	0.382	ng		98
31) Chrysene	21.40	228	64989	0.393	ng		99
32) Bis(2-ethylhexyl)phthalate	21.28	149	87034	0.342	ng	#	94
33) Indeno(1,2,3-cd)pyrene	26.46	276	77489	0.395	ng		99
35) Benzo(b)fluoranthene	23.08	252	64162	0.371	ng		99
36) Benzo(k)fluoranthene	23.13	252	73323	0.379	ng		99
37) Benzo(a)pyrene	23.73	252	62487	0.376	ng		99
38) Dibenzo(a,h)anthracene	26.48	278	63197	0.376	ng		99
39) Benzo(g,h,i)perylene	27.25	276	66718	0.387	ng		100

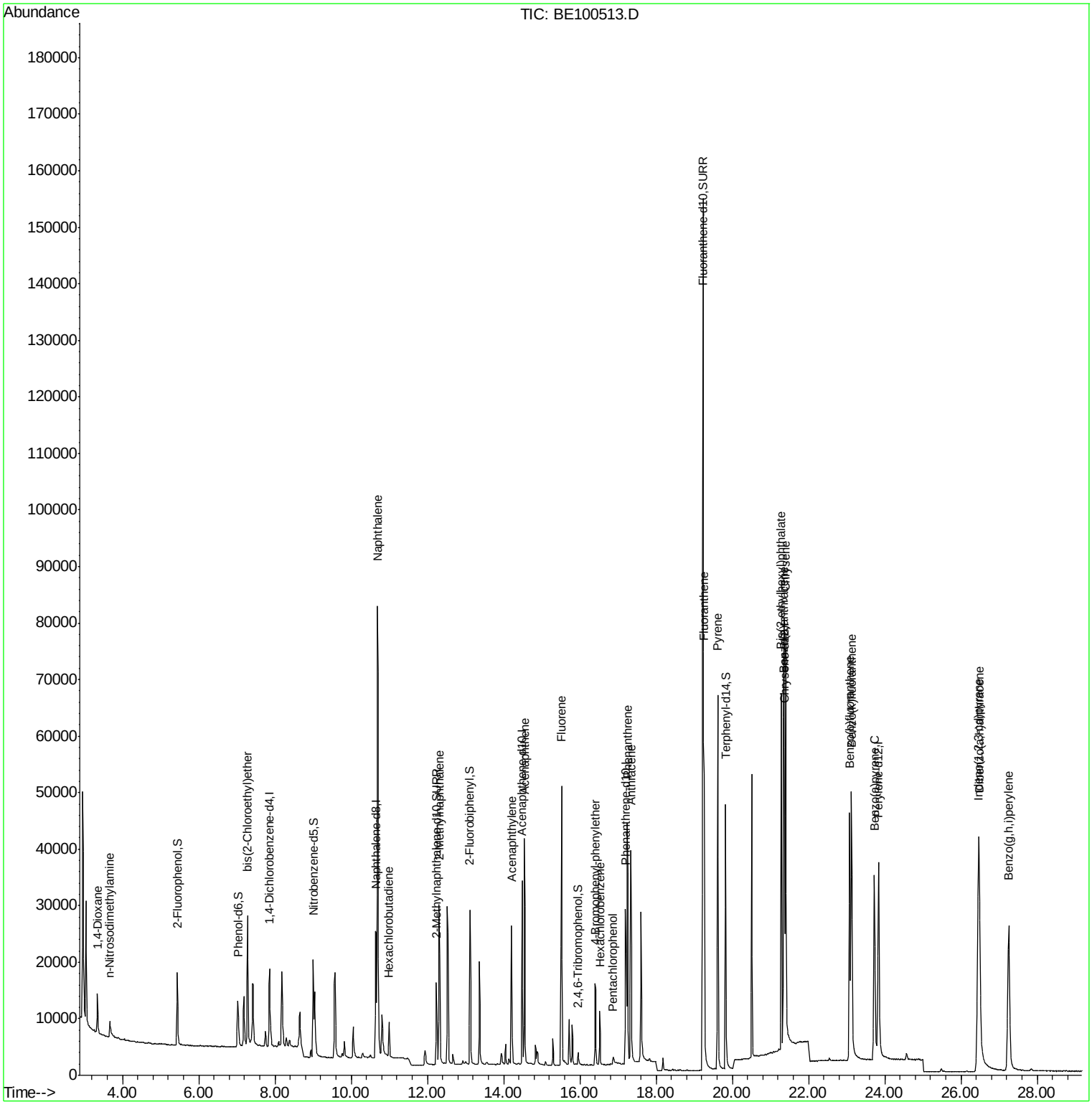
(#) = qualifier out of range (m) = manual integration (+) = signals summed

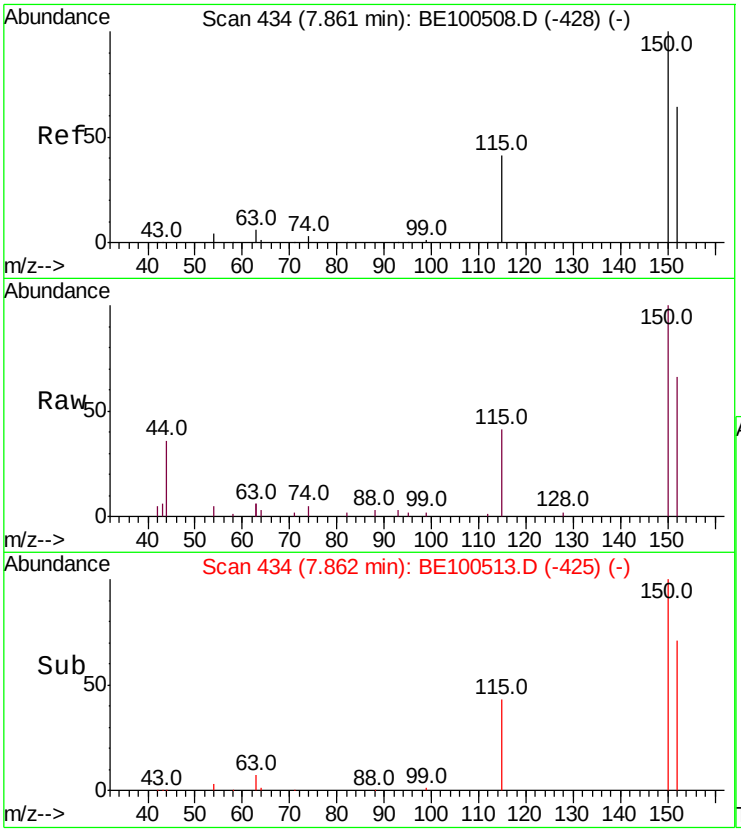
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091819\
Data File : BE100513.D
Acq On : 18 Sep 2019 18:56
Operator : HP/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 19 06:51:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:49:06 2019
Response via : Initial Calibration



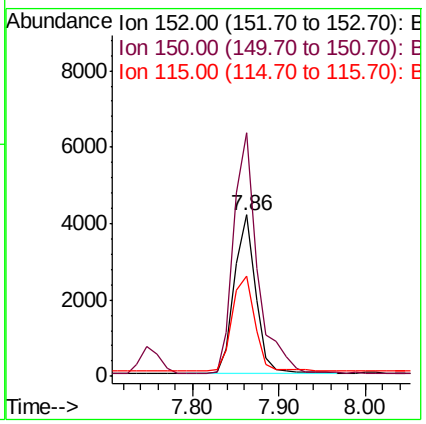


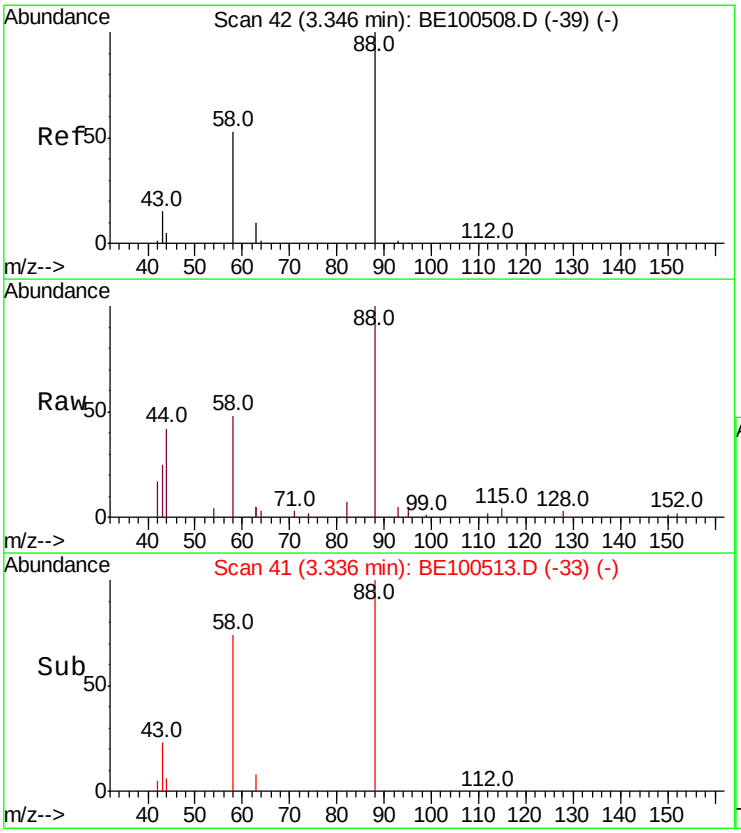
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 7142

Ion	Ratio	Lower	Upper
152	100		
150	151.0	124.1	186.1
115	62.0	53.0	79.6

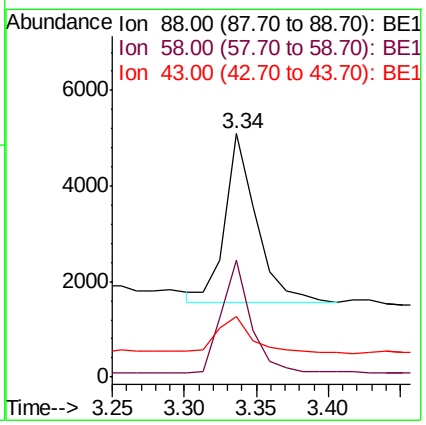


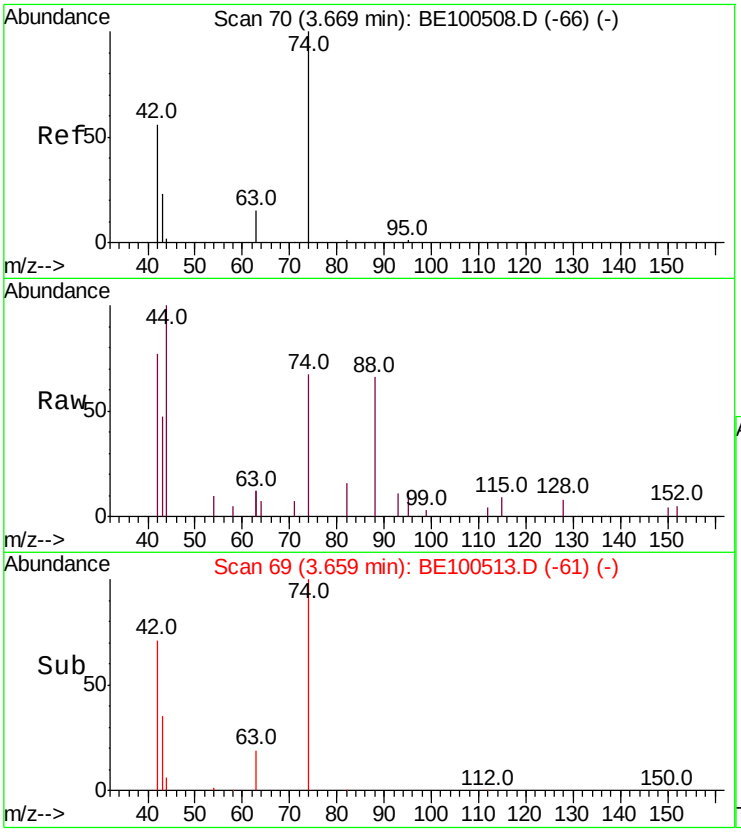


#2
1,4-Dioxane
Concen: 0.431 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Tgt Ion: 88 Resp: 5373

Ion	Ratio	Lower	Upper
88	100		
58	62.5	56.2	84.2
43	21.7	19.2	28.8



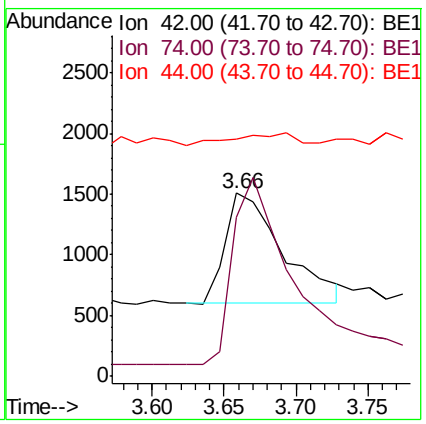


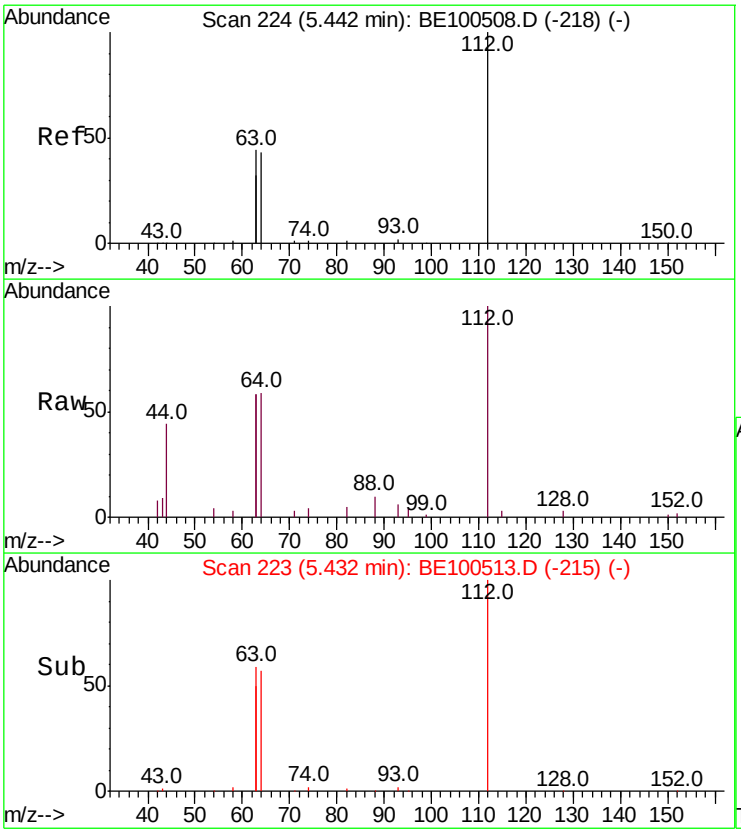
#3
n-Nitrosodimethylamine
Concen: 0.330 ng
RT: 3.66 min Scan# 69
Delta R.T. -0.01 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 2524

Ion	Ratio	Lower	Upper
42	100		
74	168.7	127.2	190.8
44	0.0	18.2	27.4#

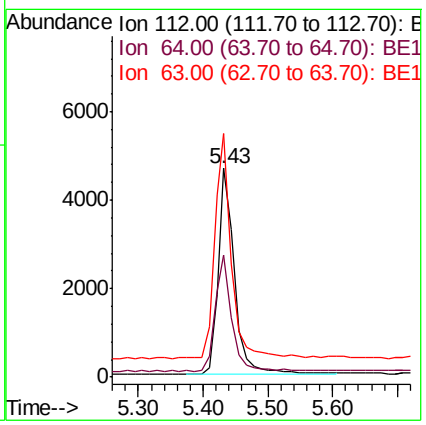


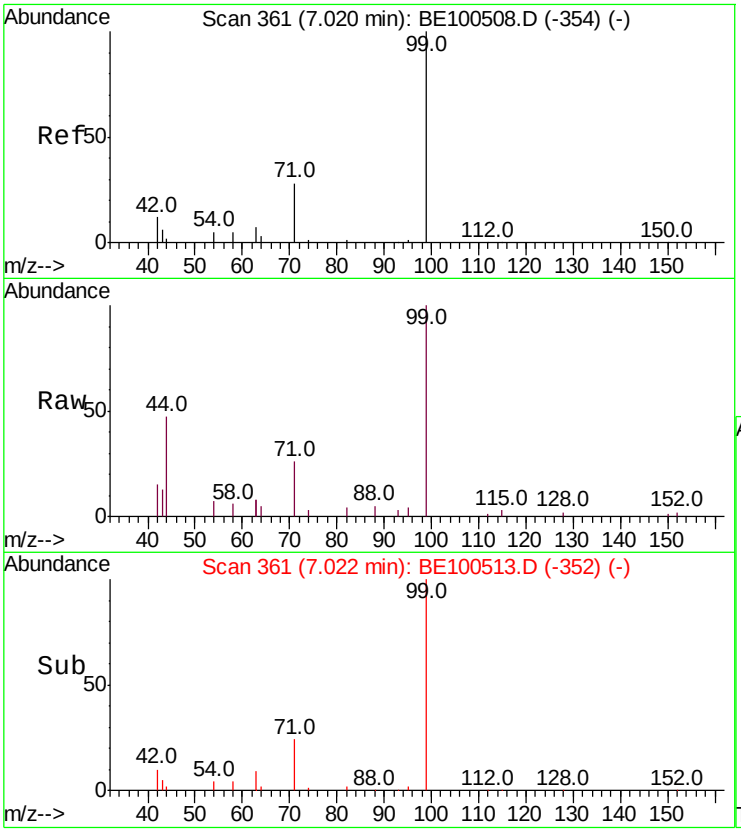


#4
2-Fluorophenol
Concen: 0.343 ng
RT: 5.43 min Scan# 223
Delta R.T. -0.01 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Tgt Ion:112 Resp: 8342

Ion	Ratio	Lower	Upper
112	100		
64	56.8	46.2	69.2
63	108.7	88.2	132.4



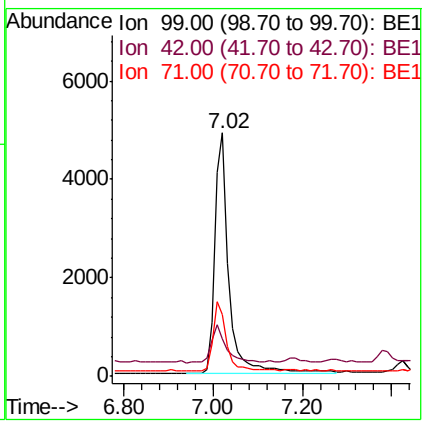


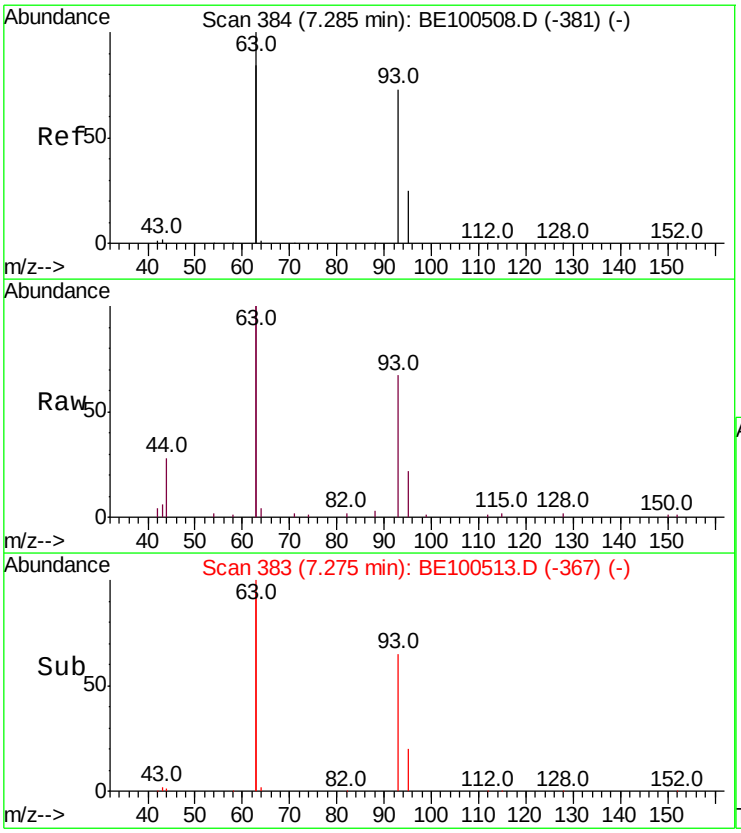
#5
Phenol-d6
Concen: 0.357 ng
RT: 7.02 min Scan# 361
Delta R.T. 0.00 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 10638

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.0	18.0
71	27.7	22.7	34.1

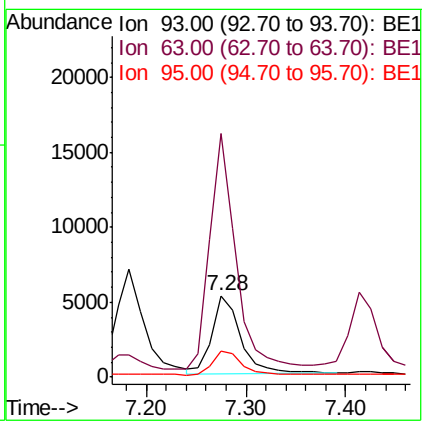


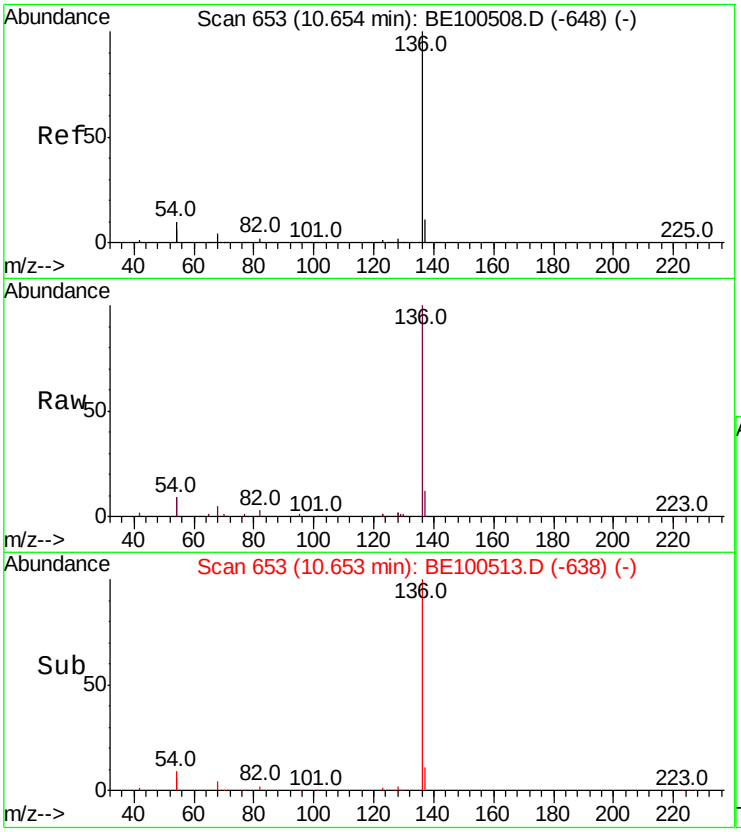


#6
bis(2-Chloroethyl)ether
Concen: 0.377 ng
RT: 7.28 min Scan# 383
Delta R.T. -0.01 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Tgt Ion: 93 Resp: 10201

Ion	Ratio	Lower	Upper
93	100		
63	282.6	228.3	342.5
95	31.7	24.6	36.8



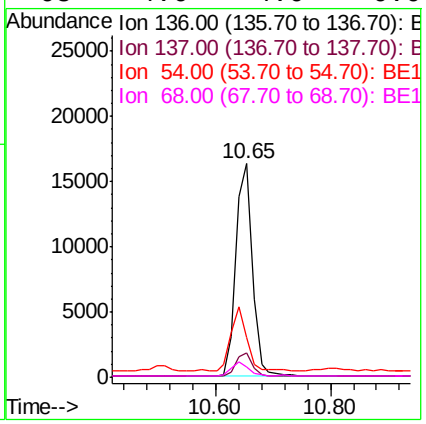


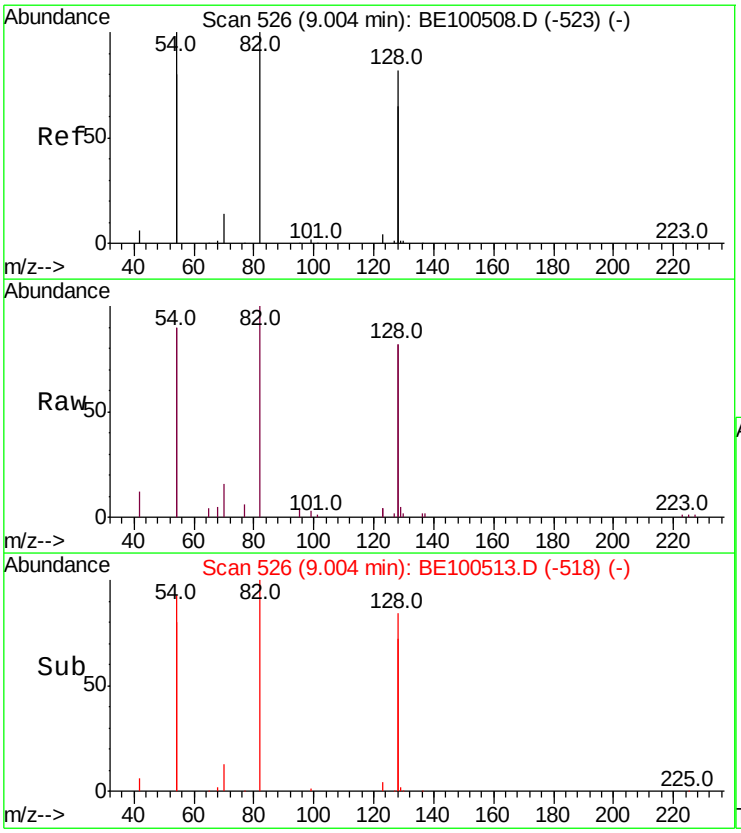
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 32187

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	18.9	15.4	23.0
68	4.6	4.0	6.0

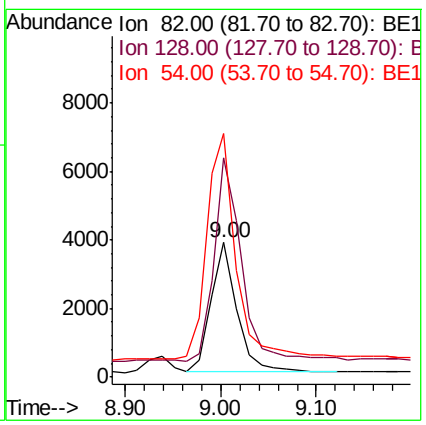


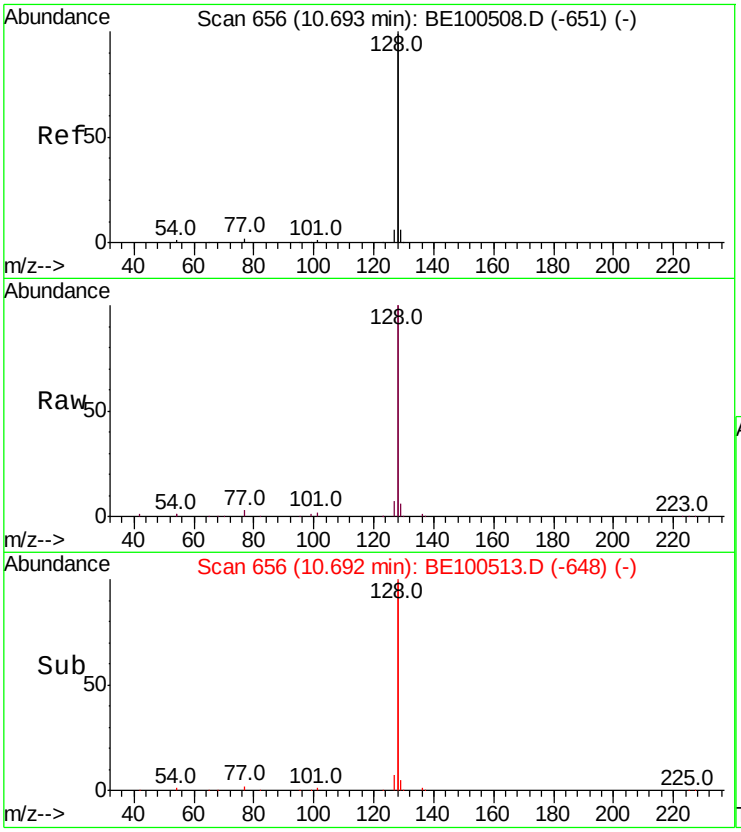


#8
Nitrobenzene-d5
Concen: 0.400 ng
RT: 9.00 min Scan# 526
Delta R.T. -0.00 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Tgt Ion: 82 Resp: 7115

Ion	Ratio	Lower	Upper
82	100		
128	163.3	124.6	186.8
54	180.9	151.8	227.8



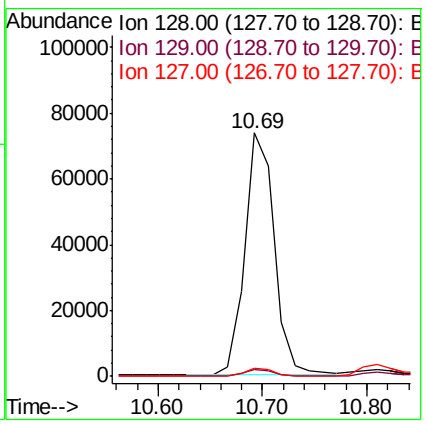


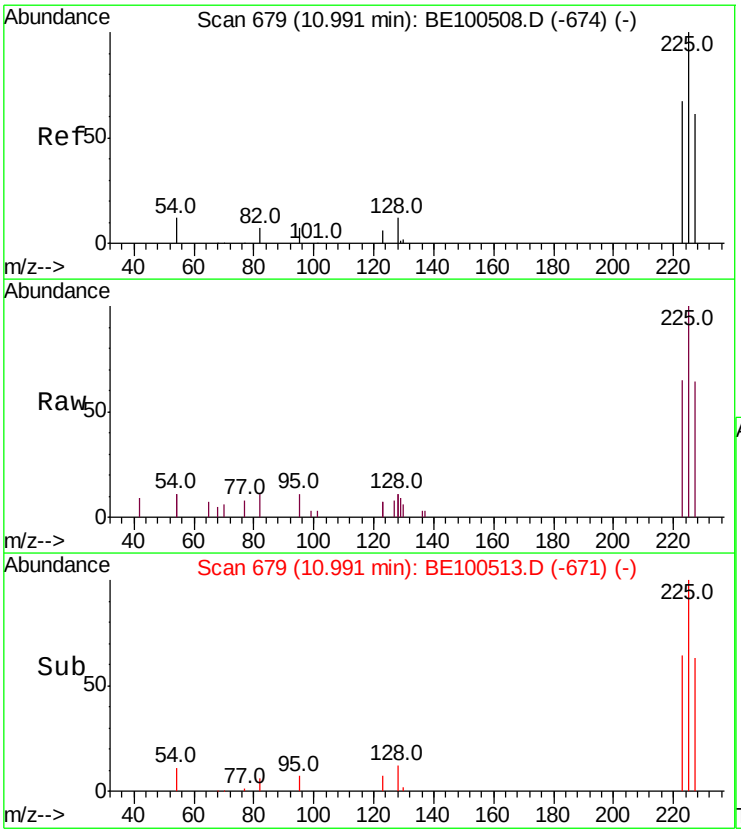
#9
Naphthalene
Concen: 0.401 ng
RT: 10.69 min Scan# 656
Delta R.T. -0.00 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 145114

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.3	3.5
127	3.4	2.6	4.0

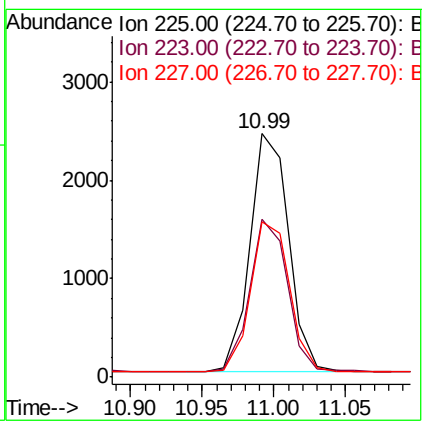


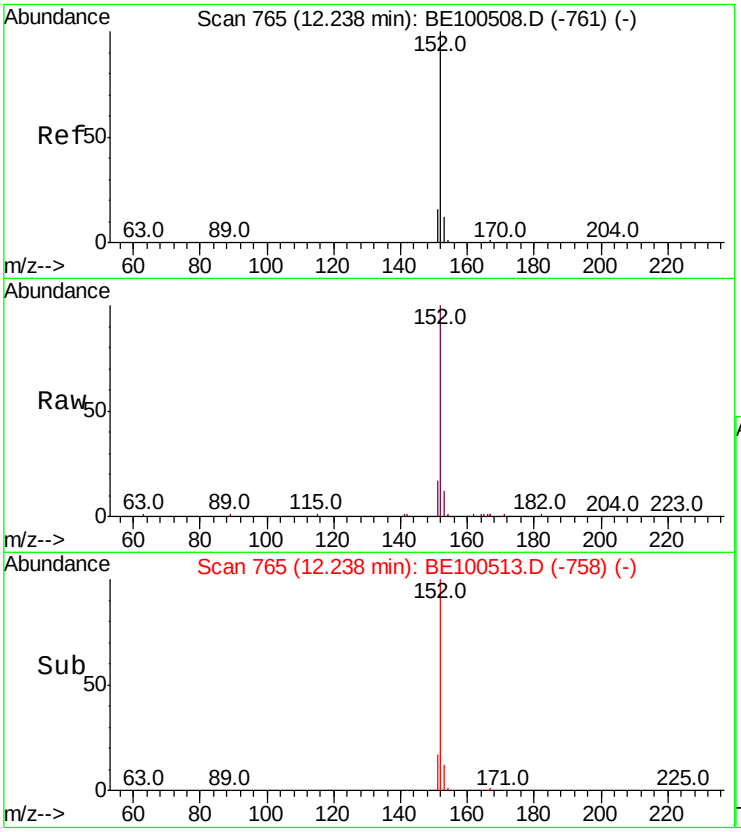


#10
Hexachlorobutadiene
Concen: 0.401 ng
RT: 10.99 min Scan# 679
Delta R.T. -0.00 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Tgt Ion:225 Resp: 4541

Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.0	76.6
227	63.1	51.6	77.4



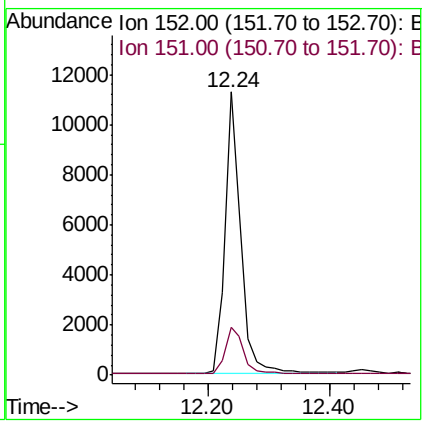


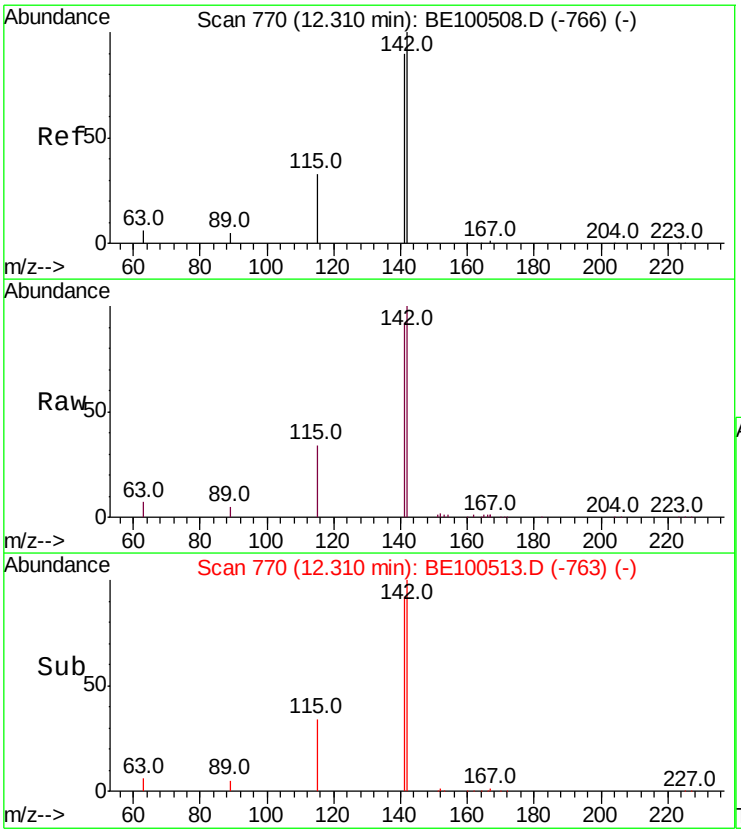
#11
2-Methylnaphthalene-d10
Concen: 0.393 ng
RT: 12.24 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 20718

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.2	22.8

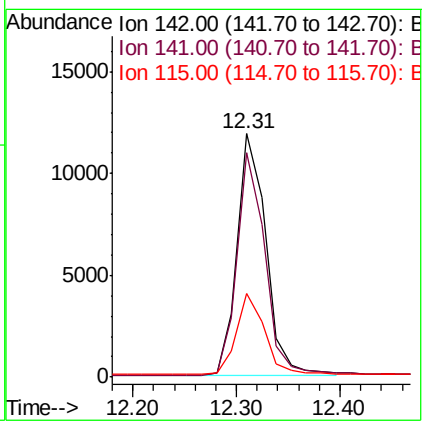


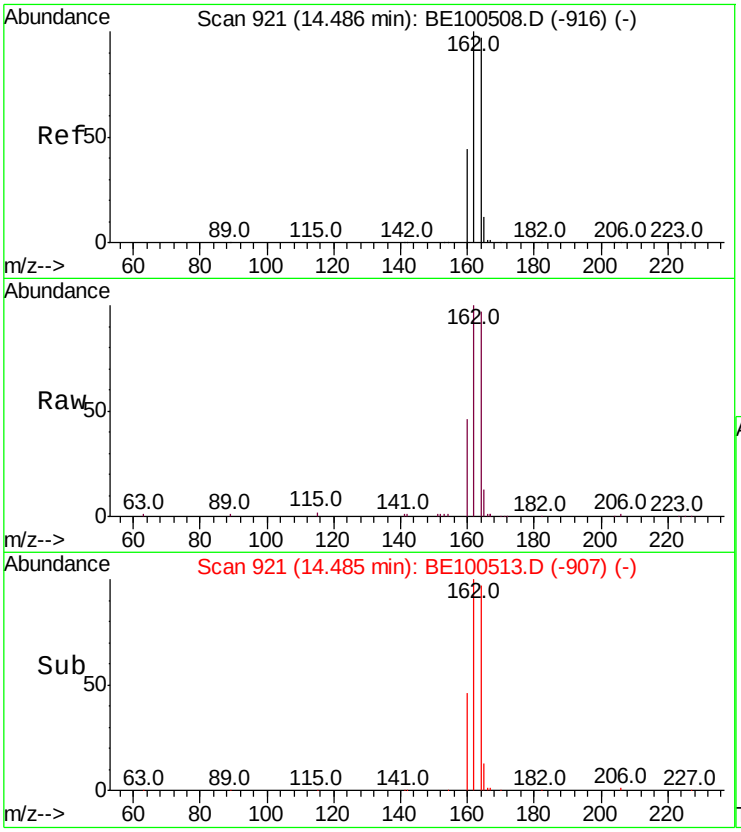


#12
2-Methylnaphthalene
Concen: 0.383 ng
RT: 12.31 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Tgt Ion:142 Resp: 22872

Ion	Ratio	Lower	Upper
142	100		
141	92.2	72.1	108.1
115	34.4	27.4	41.2



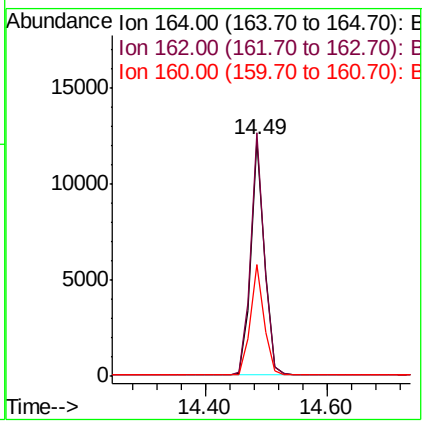


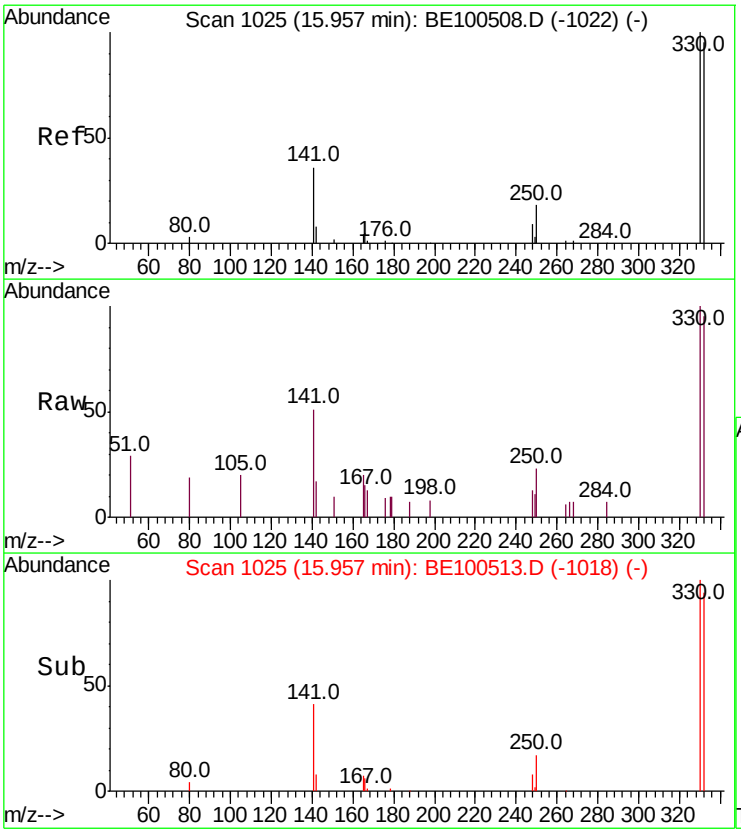
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 18687

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.8	124.2
160	47.3	36.8	55.2

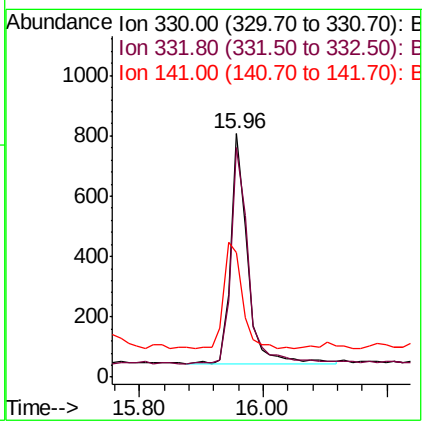


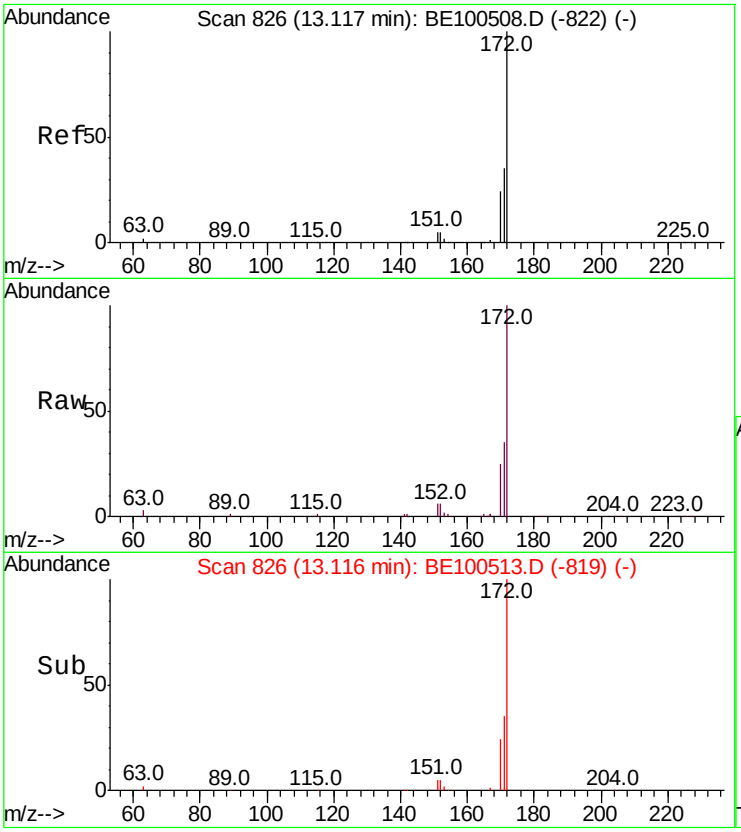


#14
2,4,6-Tribromophenol
Concen: 0.323 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Tgt Ion:330 Resp: 1422

Ion	Ratio	Lower	Upper
330	100		
332	98.3	80.2	120.2
141	51.1	43.7	65.5



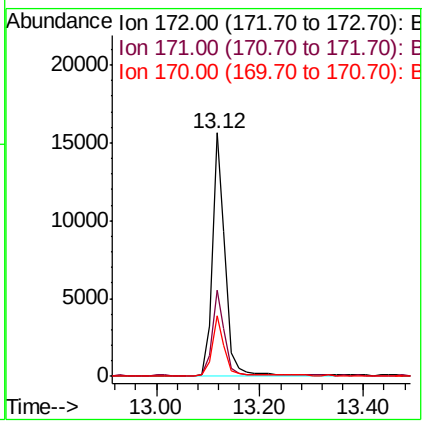


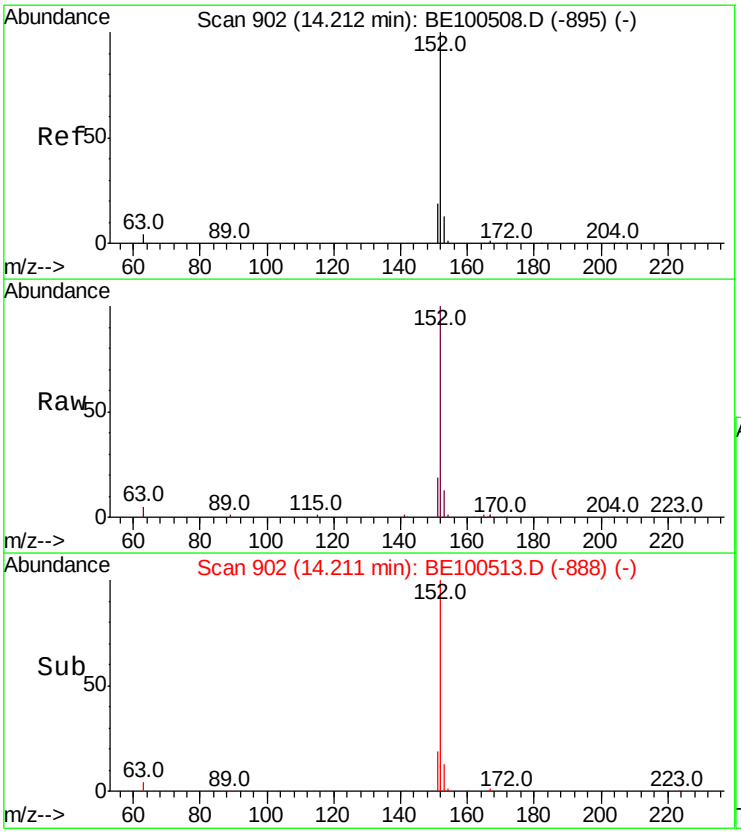
#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 26860

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.4	42.6
170	24.7	19.2	28.8

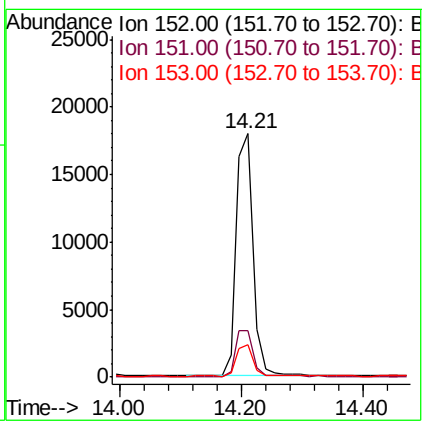


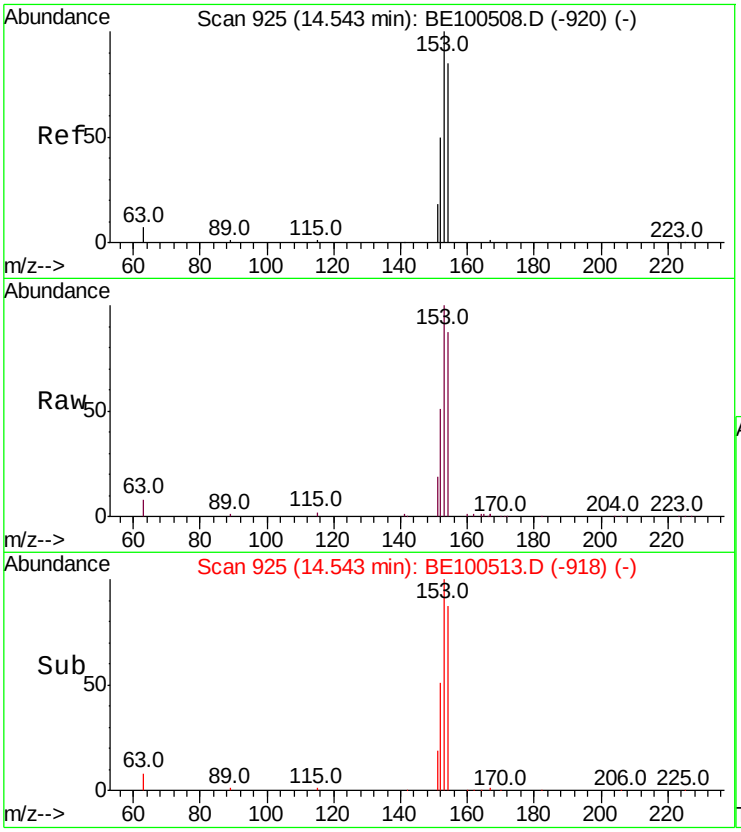


#16
Acenaphthylene
Concen: 0.359 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Tgt Ion:152 Resp: 35284

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	12.7	10.2	15.2



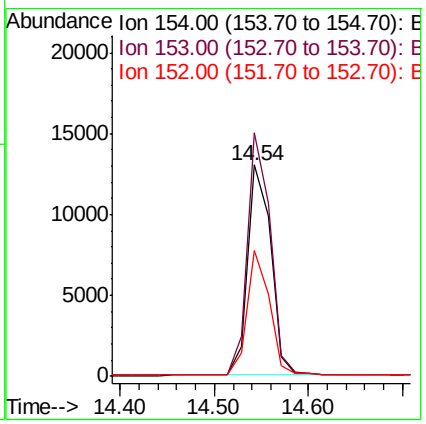


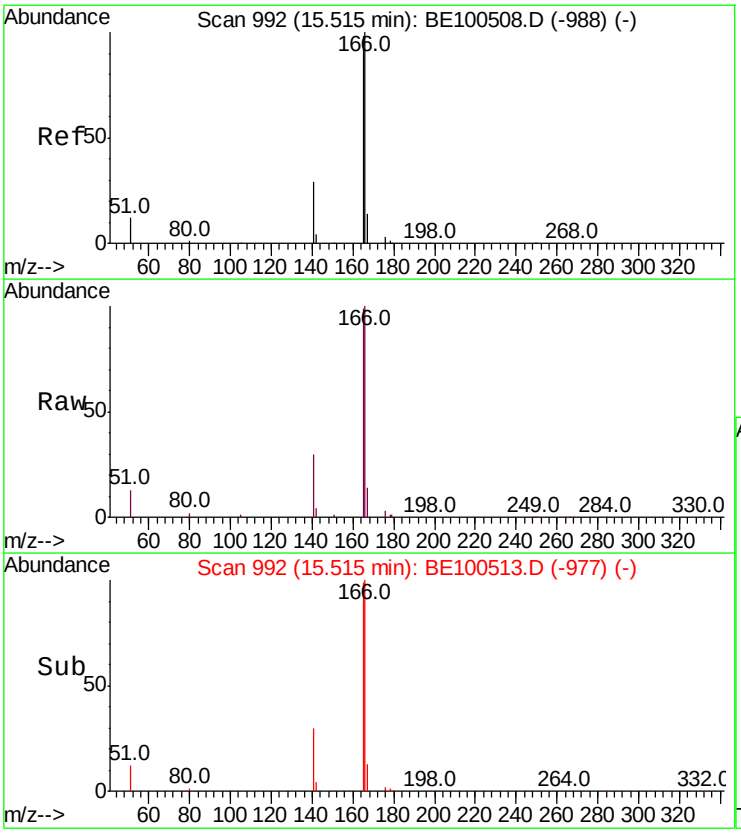
#17
Acenaphthene
Concen: 0.368 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 22662

Ion	Ratio	Lower	Upper
154	100		
153	113.0	91.5	137.3
152	56.4	44.9	67.3

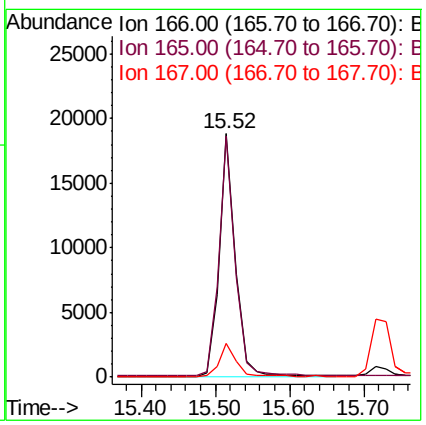


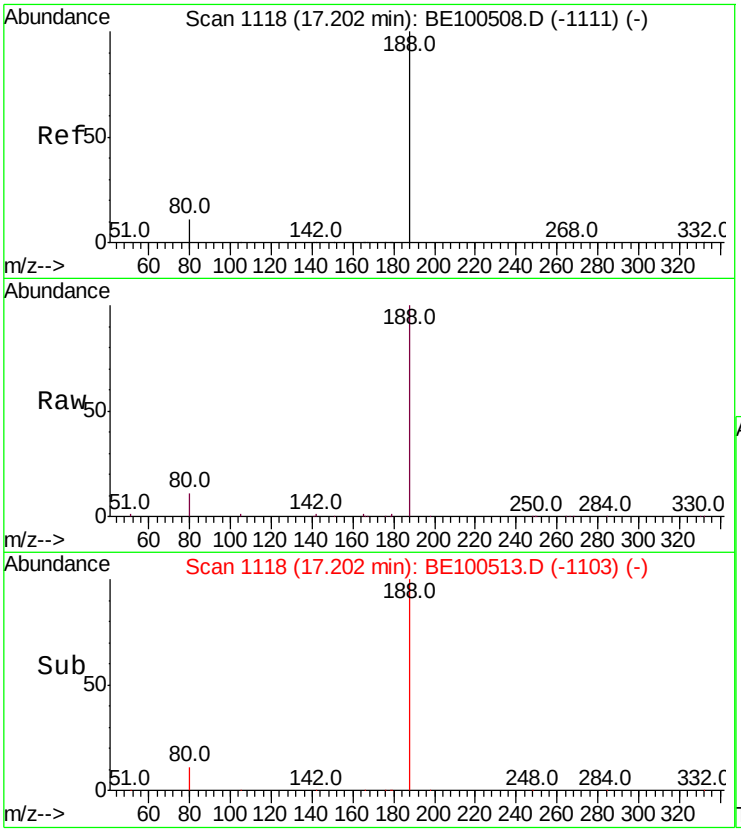


#18
Fluorene
Concen: 0.359 ng
RT: 15.52 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Tgt Ion:166 Resp: 28569

Ion	Ratio	Lower	Upper
166	100		
165	99.8	78.9	118.3
167	13.4	10.9	16.3



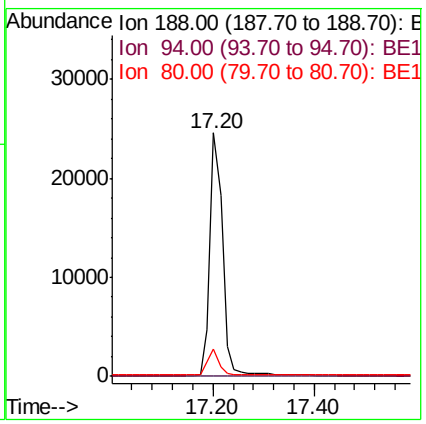


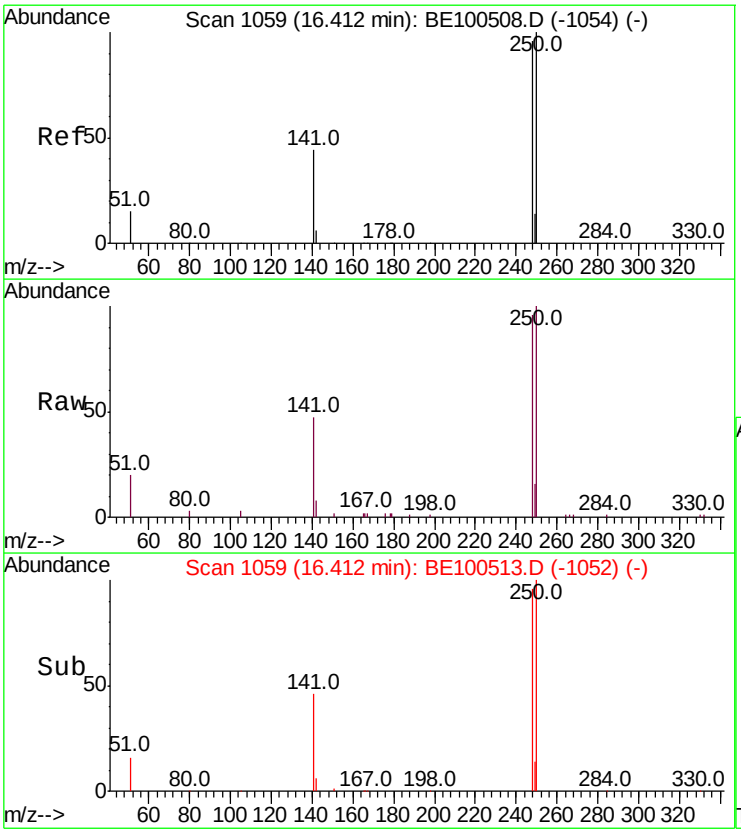
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 42630

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	9.0	13.6

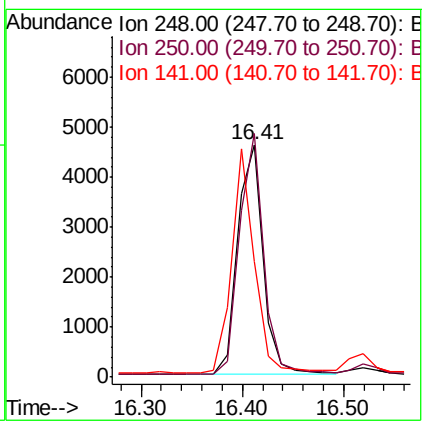


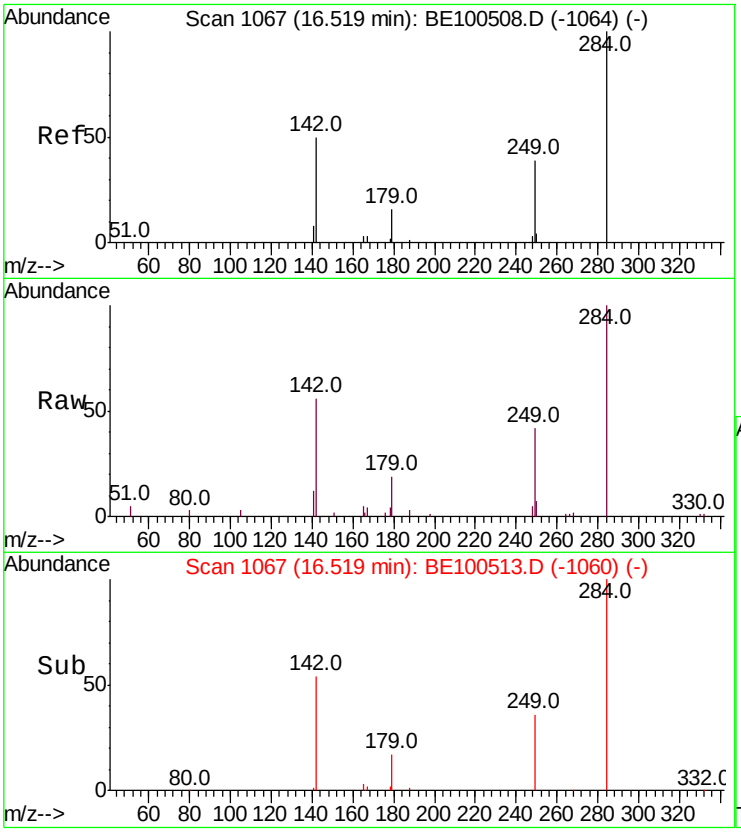


#20
4-Bromophenyl-phenylether
Concen: 0.374 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Tgt Ion:248 Resp: 8123

Ion	Ratio	Lower	Upper
248	100		
250	104.7	83.0	124.4
141	49.5	38.0	57.0



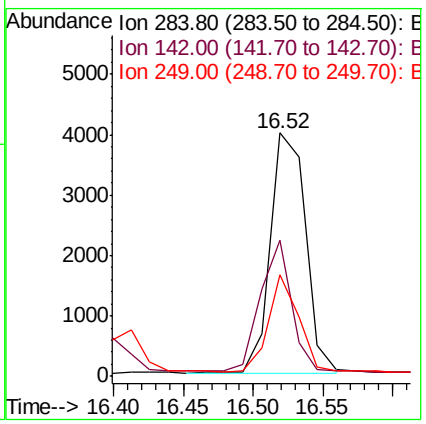


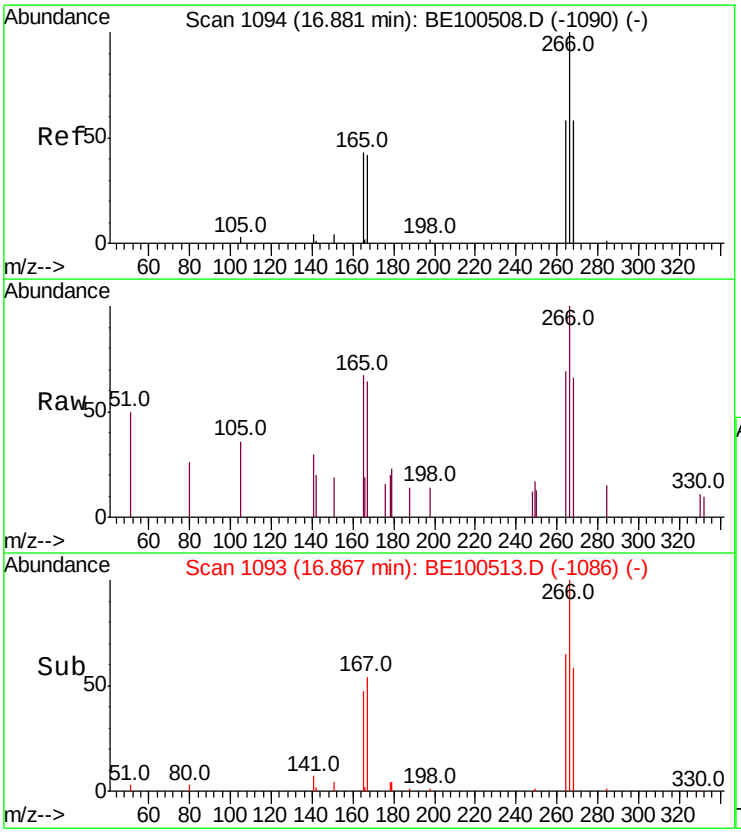
#21
Hexachlorobenzene
Concen: 0.397 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 6980

Ion	Ratio	Lower	Upper
284	100		
142	47.9	38.2	57.4
249	34.4	28.8	43.2

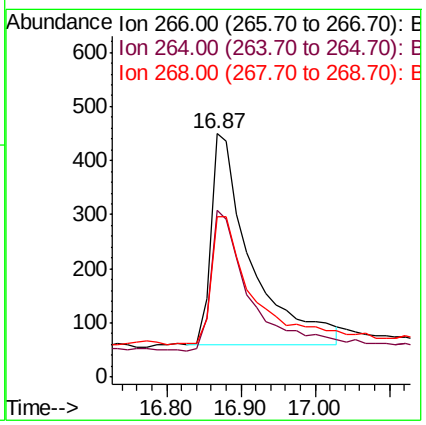


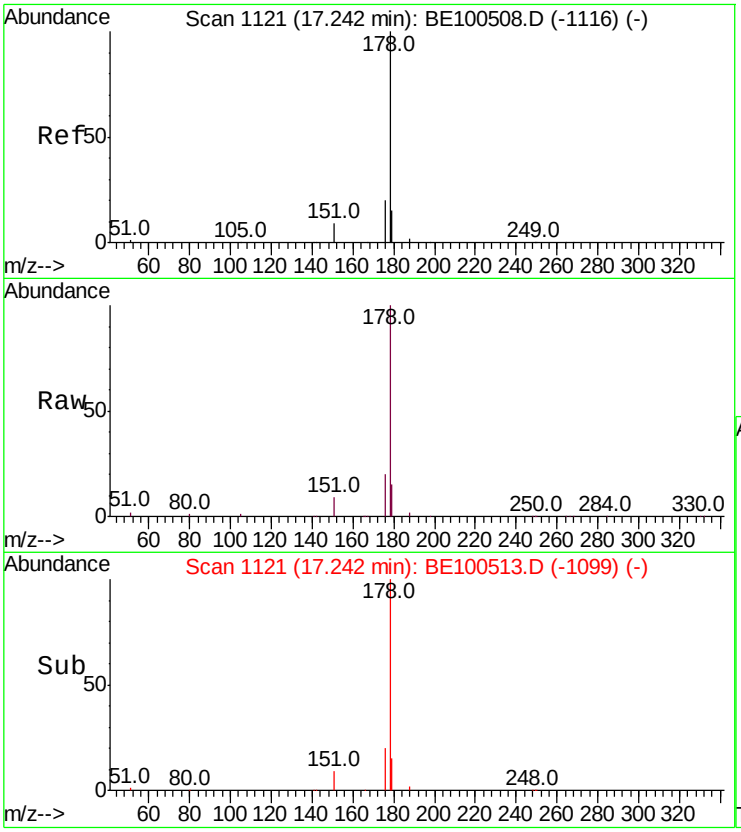


#22
Pentachlorophenol
Concen: 0.439 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Tgt Ion:266 Resp: 1477

Ion	Ratio	Lower	Upper
266	100		
264	68.7	48.6	73.0
268	66.0	52.3	78.5



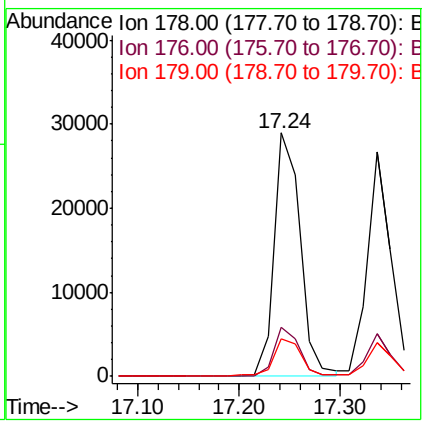


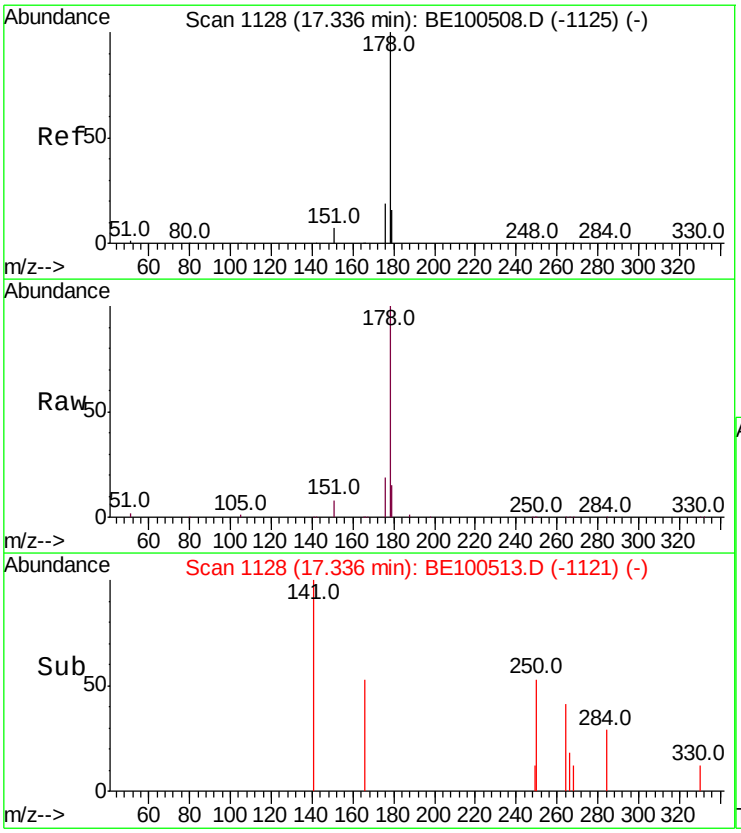
#23
Phenanthrene
Concen: 0.393 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 50513

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.4	12.4	18.6

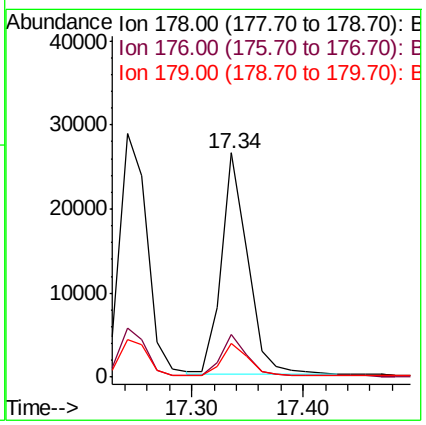


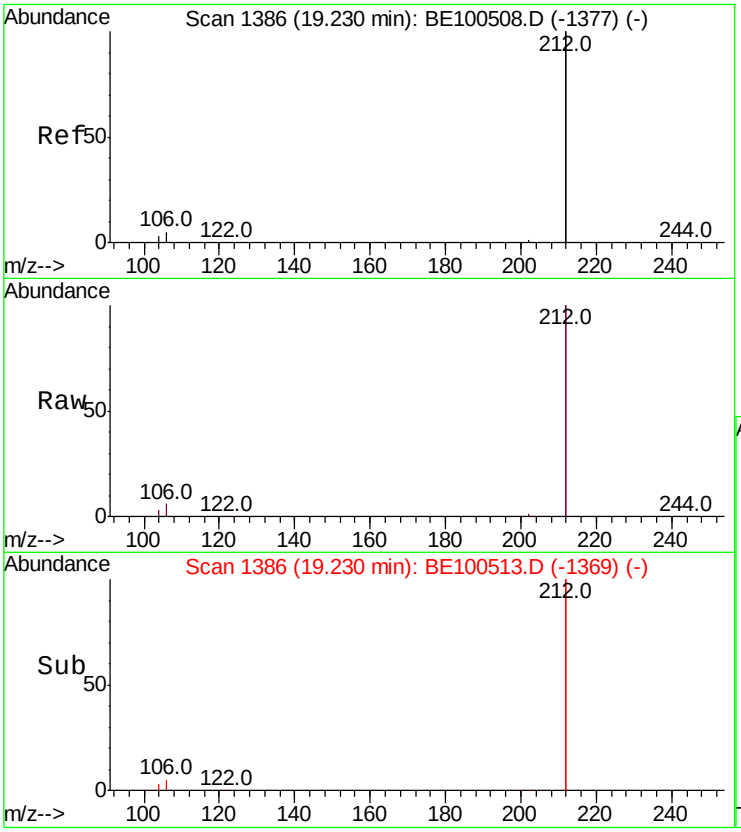


#24
Anthracene
Concen: 0.369 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Tgt Ion:178 Resp: 42853

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.0	12.4	18.6



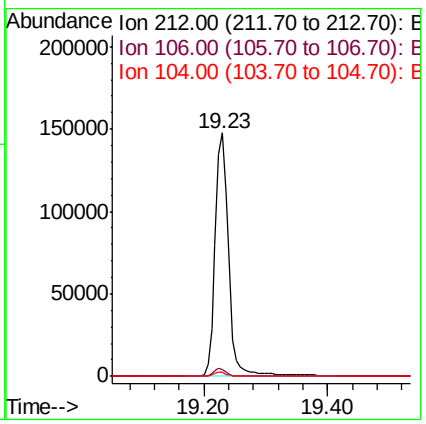


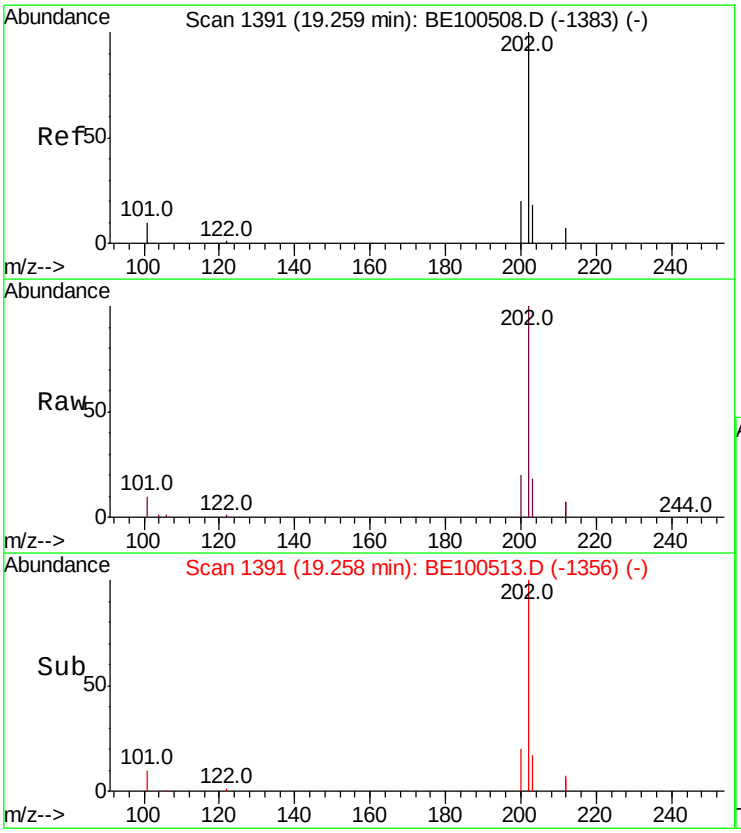
#25
Fluoranthene-d10
Concen: 0.385 ng
RT: 19.23 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 218350

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.4	3.6
104	1.7	1.4	2.0

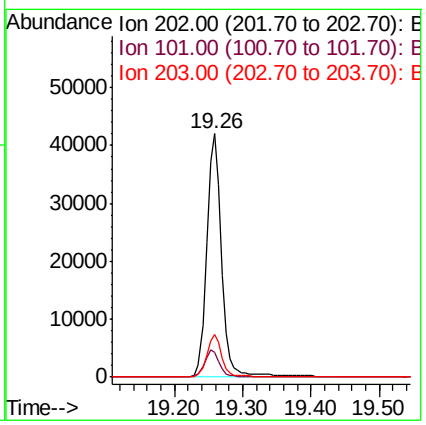


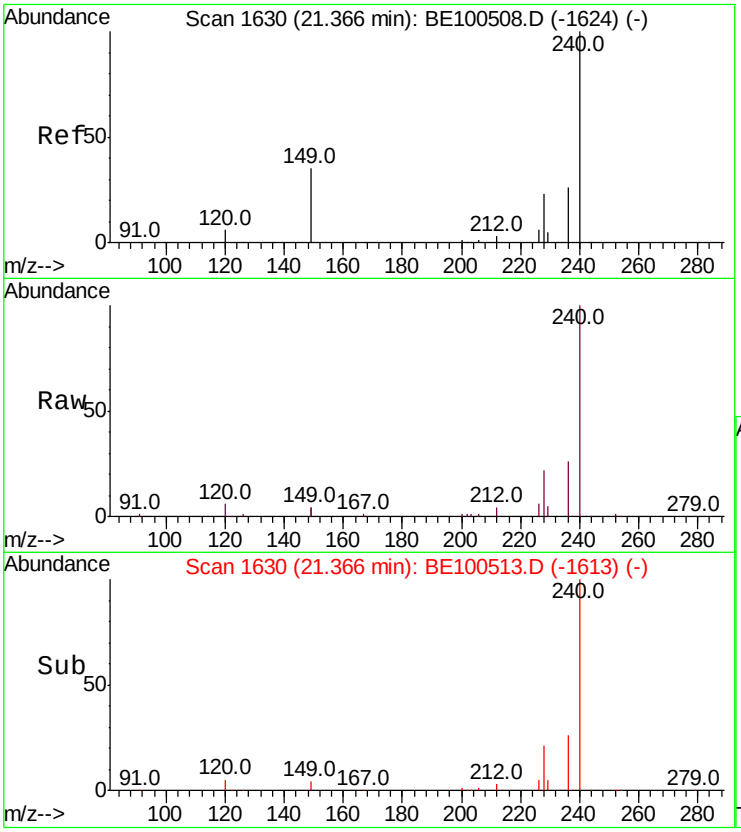


#26
Fluoranthene
Concen: 0.387 ng
RT: 19.26 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Tgt Ion:202 Resp: 62823

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.8	13.2
203	17.0	13.8	20.8



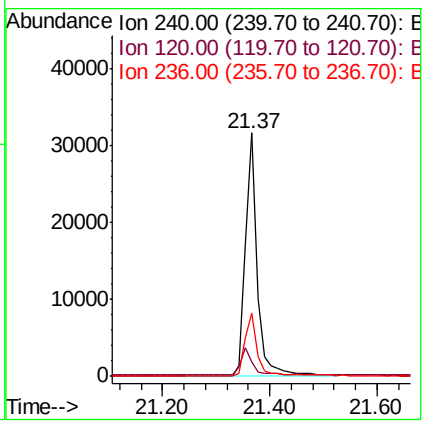


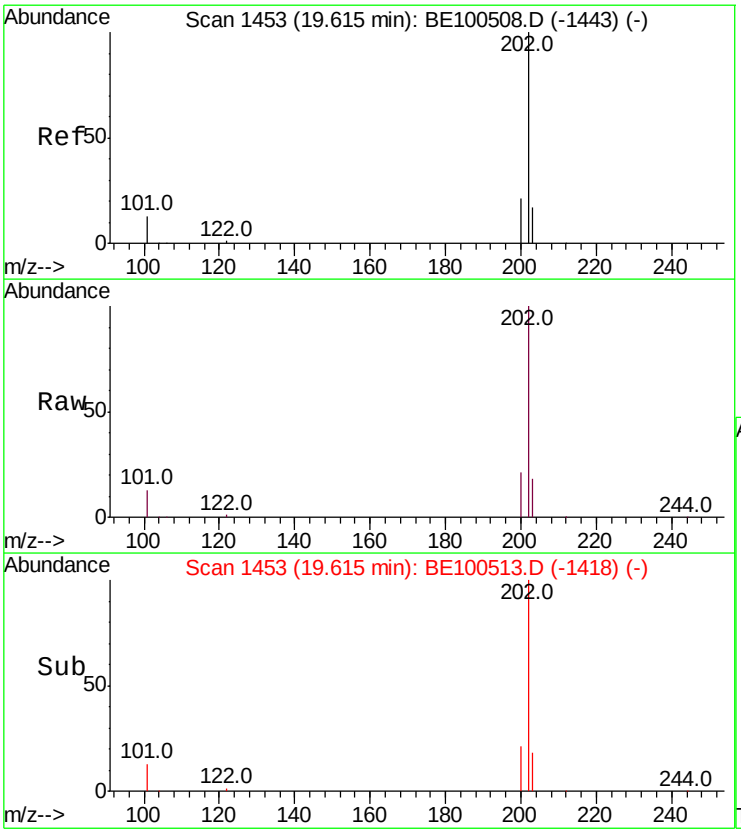
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 49020

Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.1	7.7
236	26.1	20.9	31.3

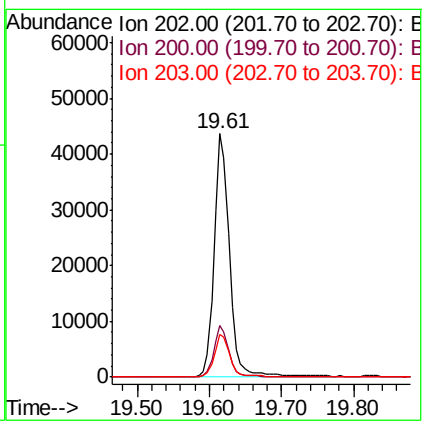


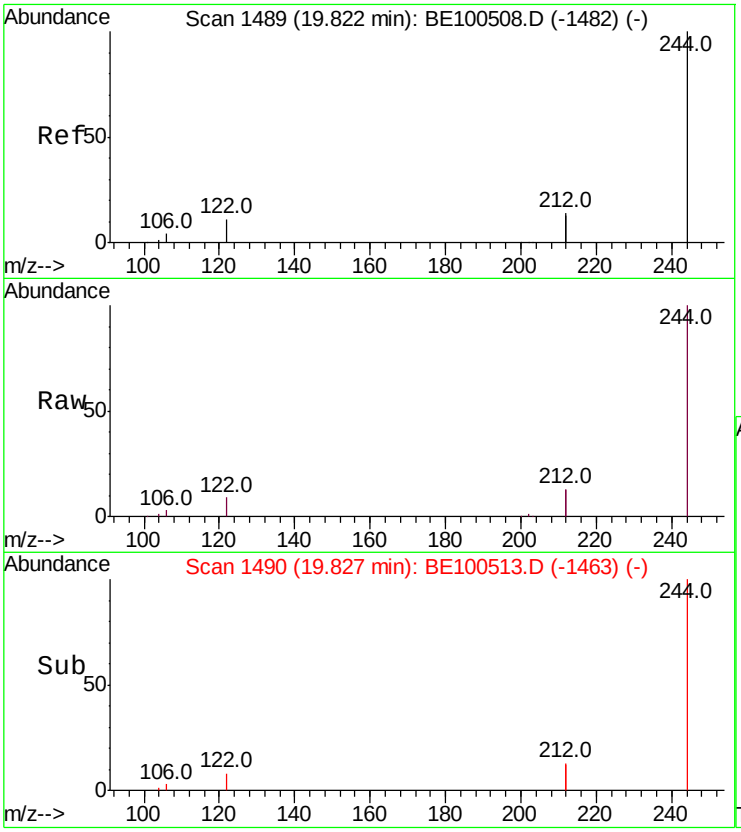


#28
Pyrene
Concen: 0.396 ng
RT: 19.61 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Tgt Ion:202 Resp: 63382

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.5	13.9	20.9



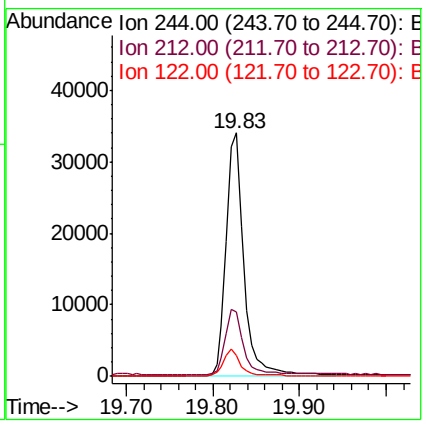


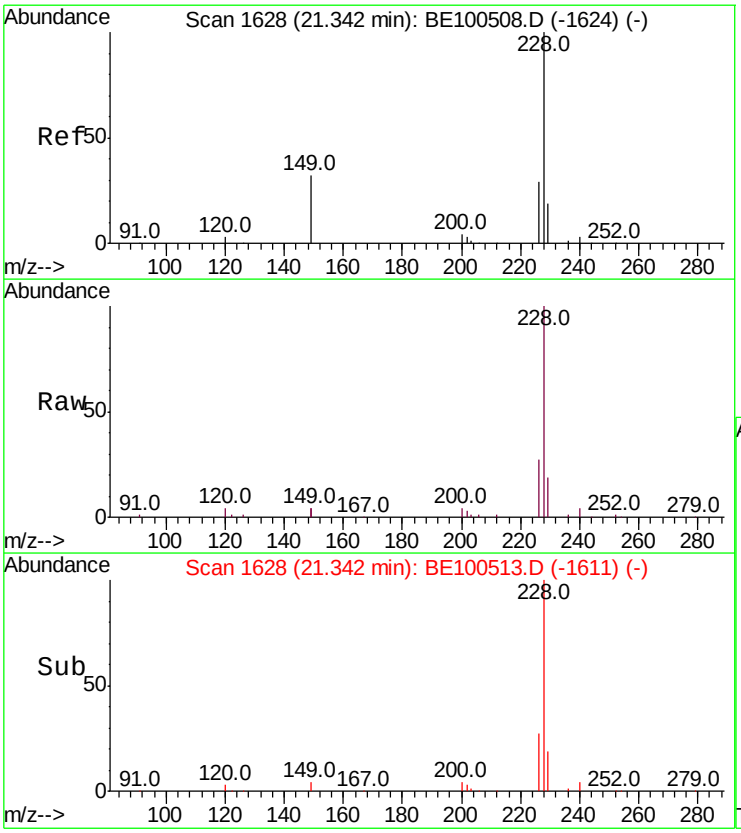
#29
Terphenyl-d14
Concen: 0.395 ng
RT: 19.83 min Scan# 1490
Delta R.T. 0.01 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 48192

Ion	Ratio	Lower	Upper
244	100		
212	26.6	22.8	34.2
122	8.5	9.0	13.4#

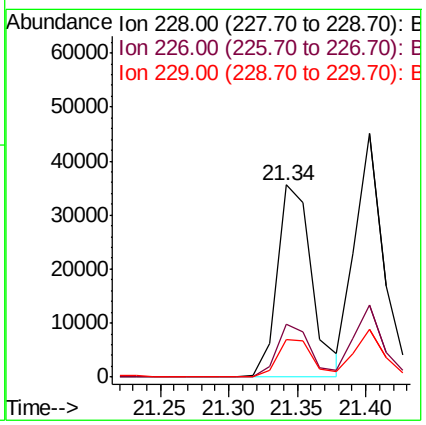


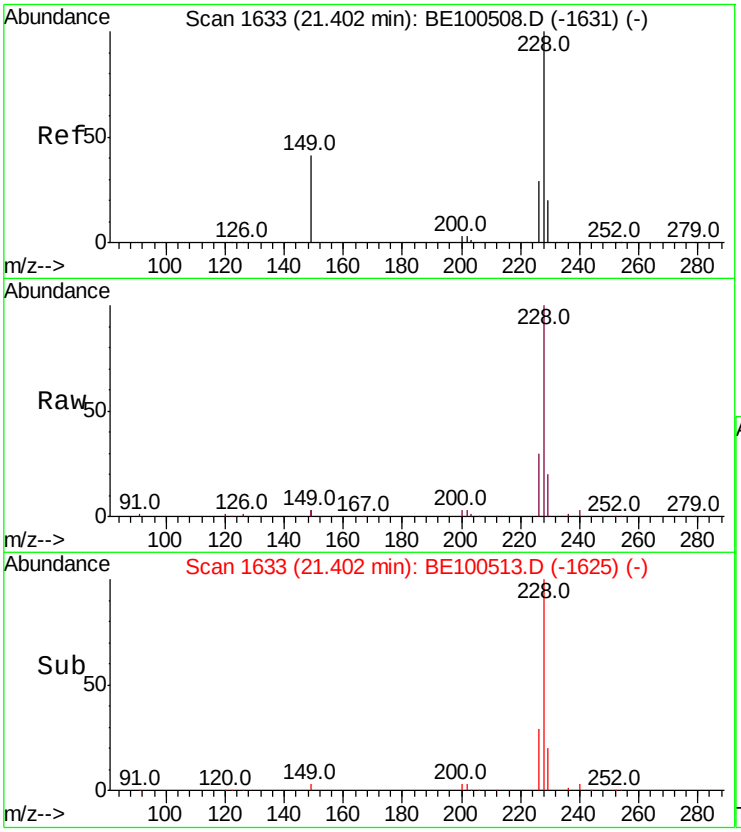


#30
Benzo(a)anthracene
Concen: 0.382 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Tgt Ion:228 Resp: 61838

Ion	Ratio	Lower	Upper
228	100		
226	27.4	23.1	34.7
229	19.2	15.3	22.9



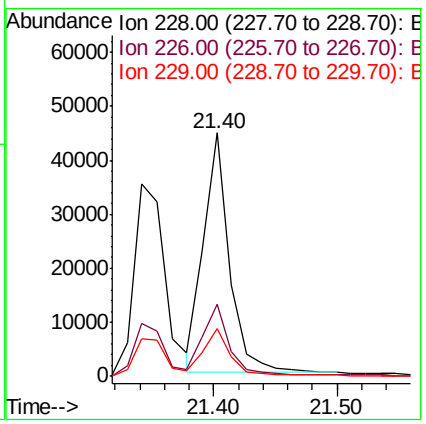


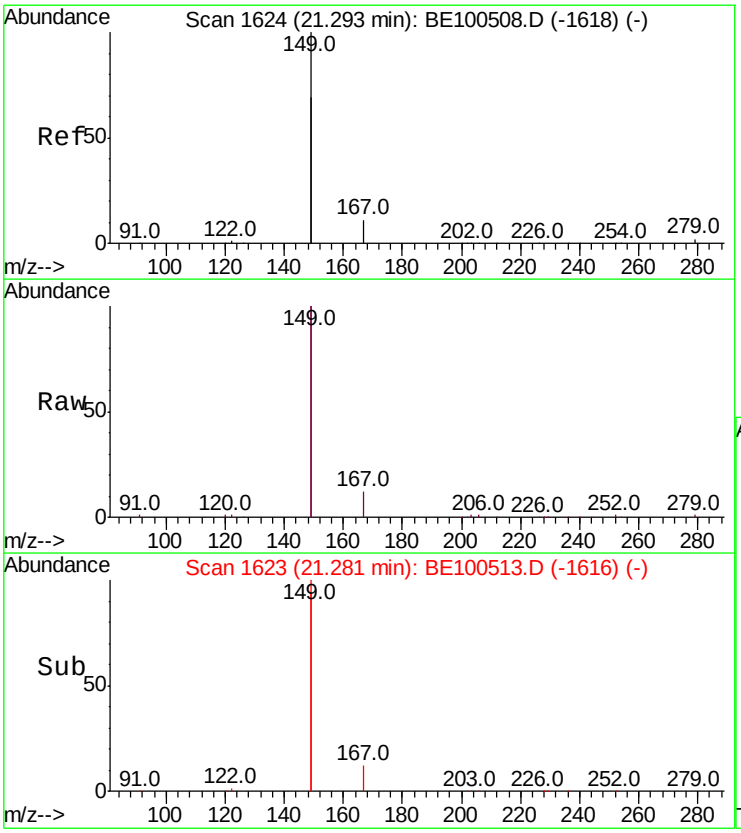
#31
Chrysene
Concen: 0.393 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 64989

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.1	34.7
229	19.8	15.8	23.8

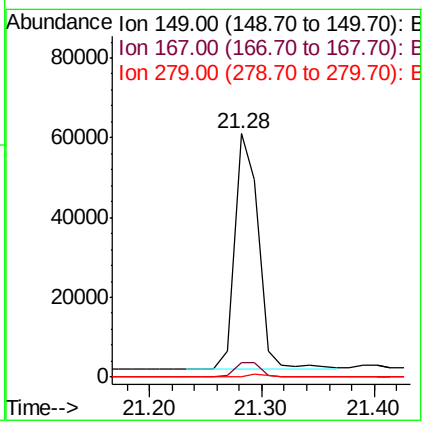


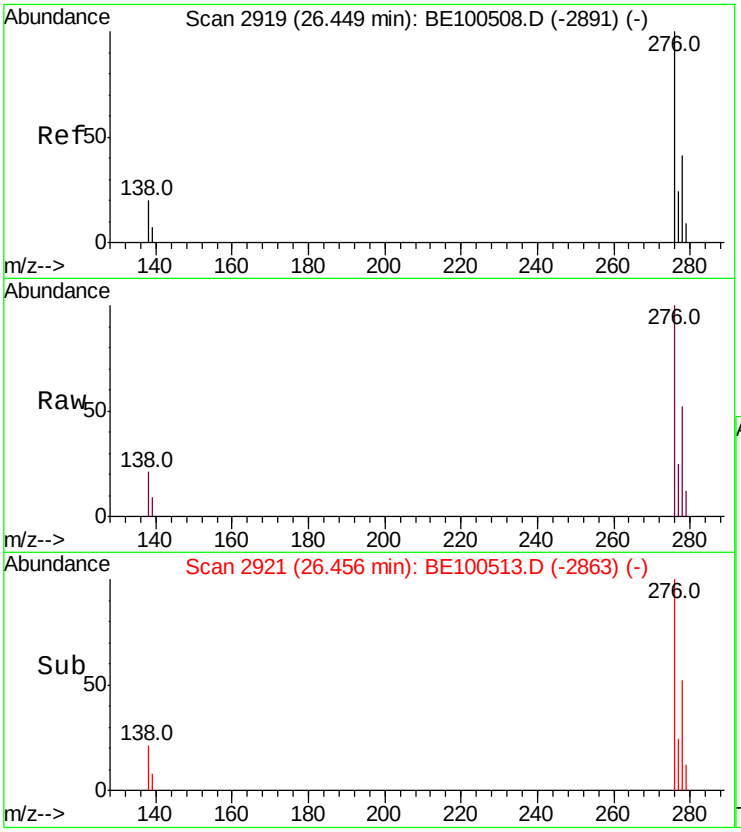


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.342 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Tgt Ion:149 Resp: 87034

Ion	Ratio	Lower	Upper
149	100		
167	6.5	3.5	5.3#
279	1.1	0.6	0.8#



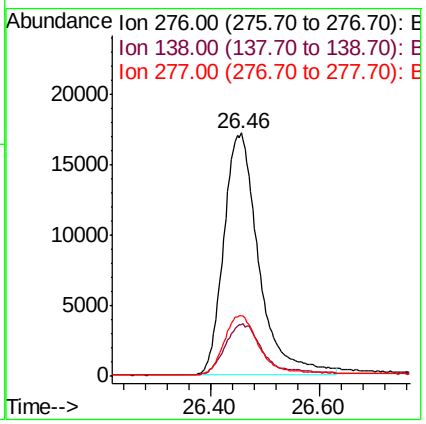


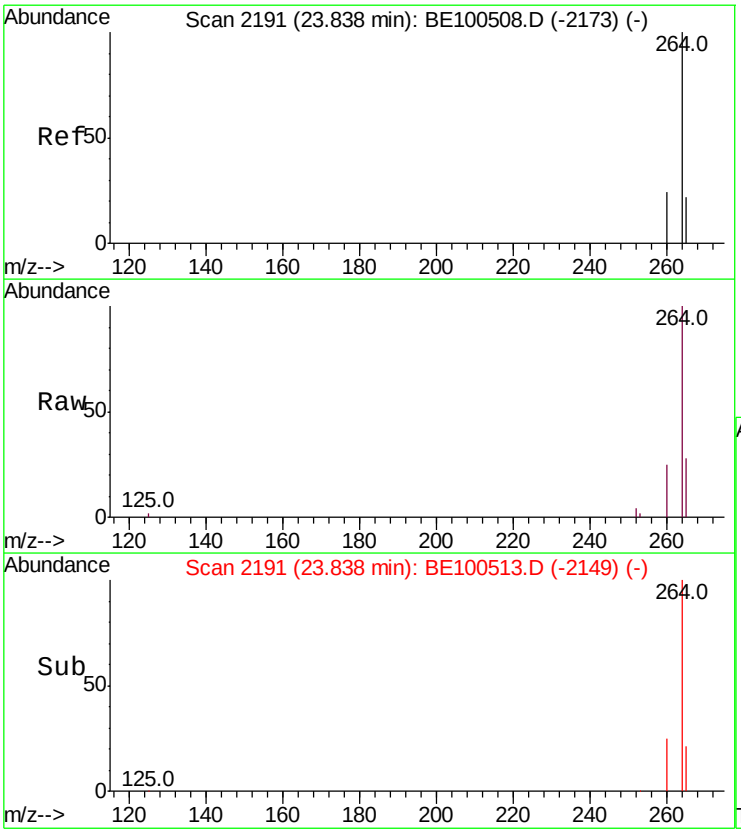
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.395 ng
RT: 26.46 min Scan# 2921
Delta R.T. 0.01 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 77489

Ion	Ratio	Lower	Upper
276	100		
138	21.5	17.8	26.8
277	24.0	19.0	28.6

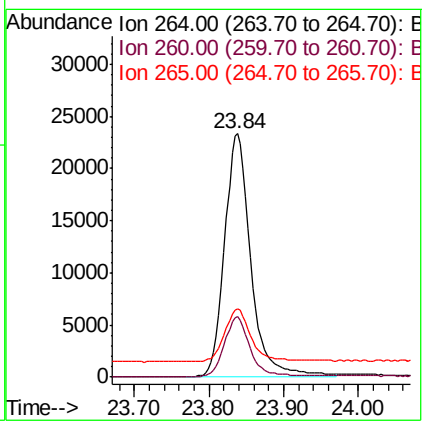


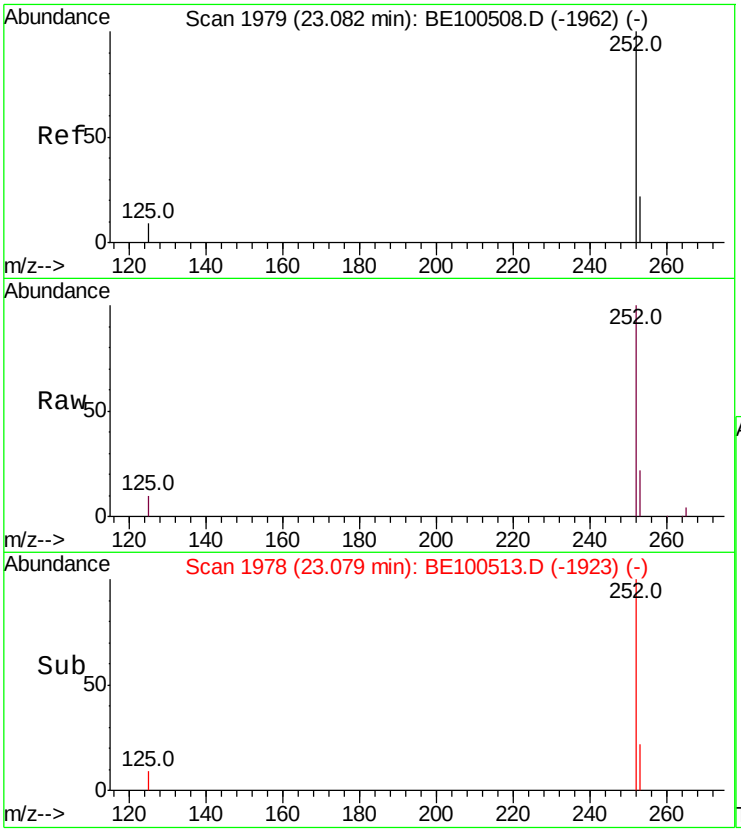


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Tgt Ion:264 Resp: 56438

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.0
265	27.8	23.0	34.4



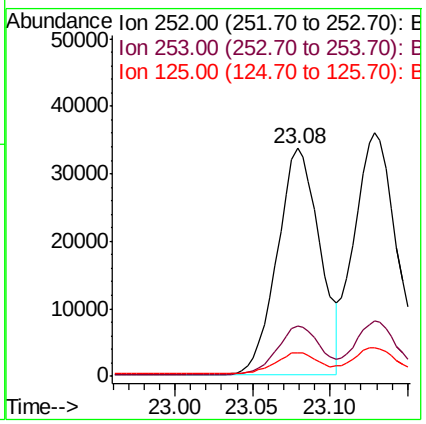


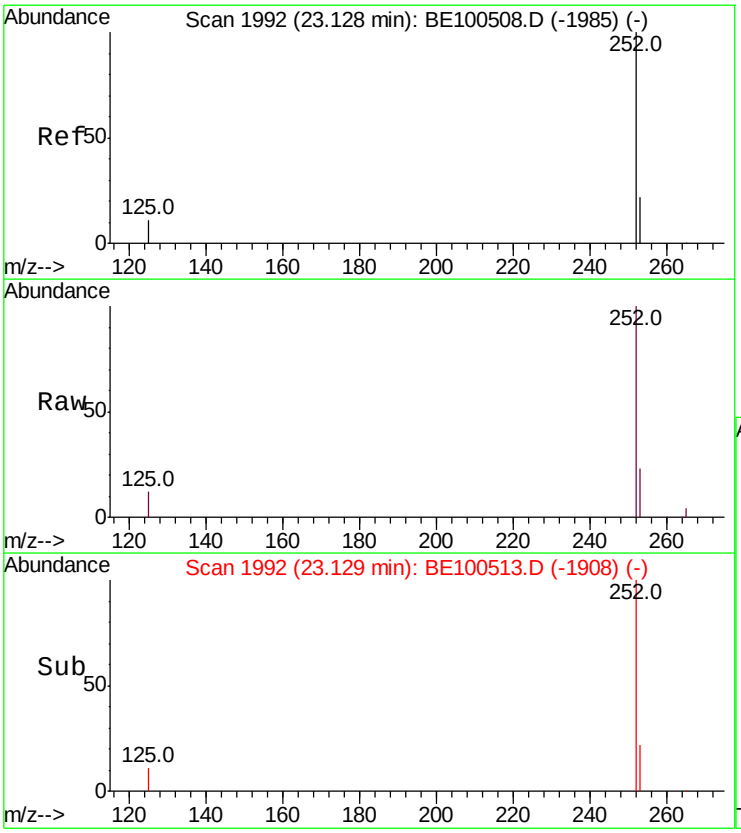
#35
Benzo(b)fluoranthene
Concen: 0.371 ng
RT: 23.08 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 64162

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	10.5	8.6	13.0

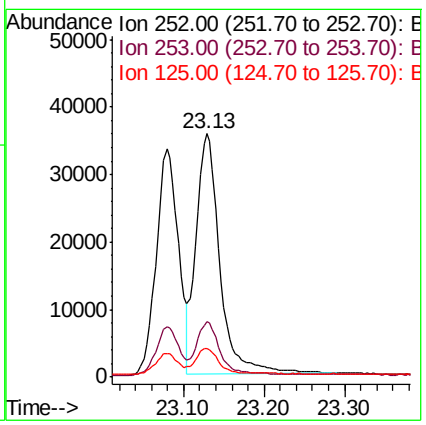


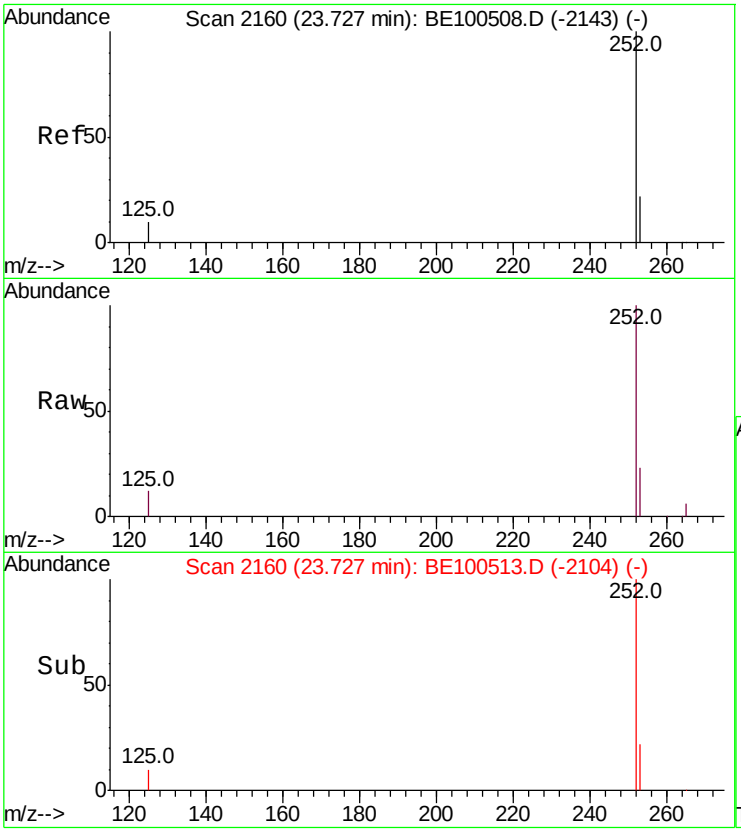


#36
Benzo(k)fluoranthene
Concen: 0.379 ng
RT: 23.13 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Tgt Ion:252 Resp: 73323

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	11.9	9.3	13.9



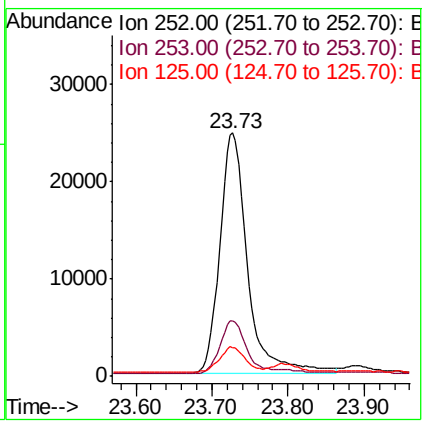


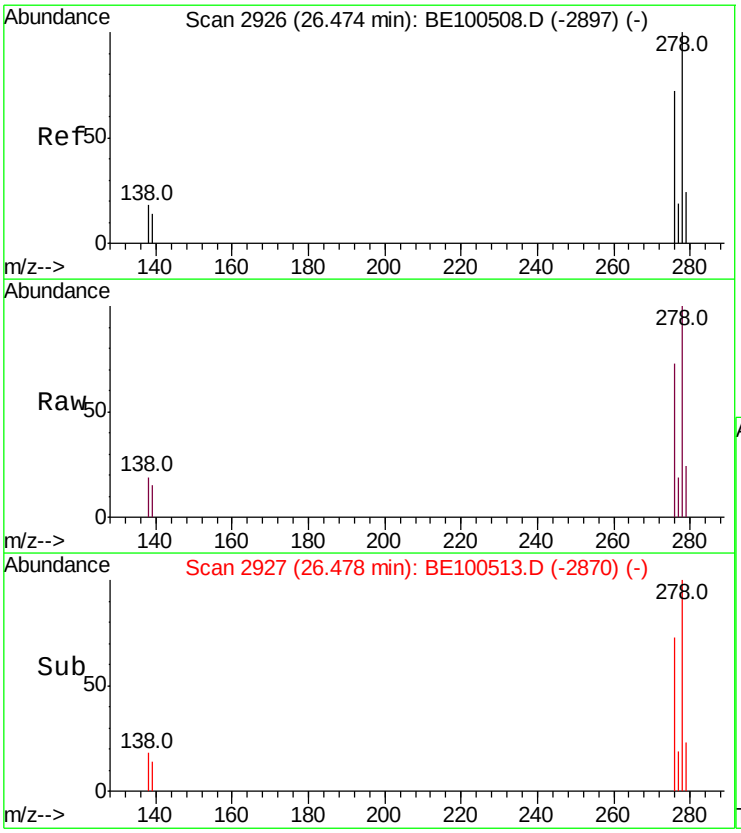
#37
Benzo(a)pyrene
Concen: 0.376 ng
RT: 23.73 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 62487

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	11.8	9.7	14.5

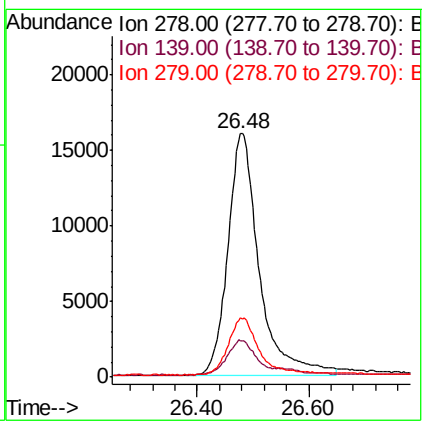


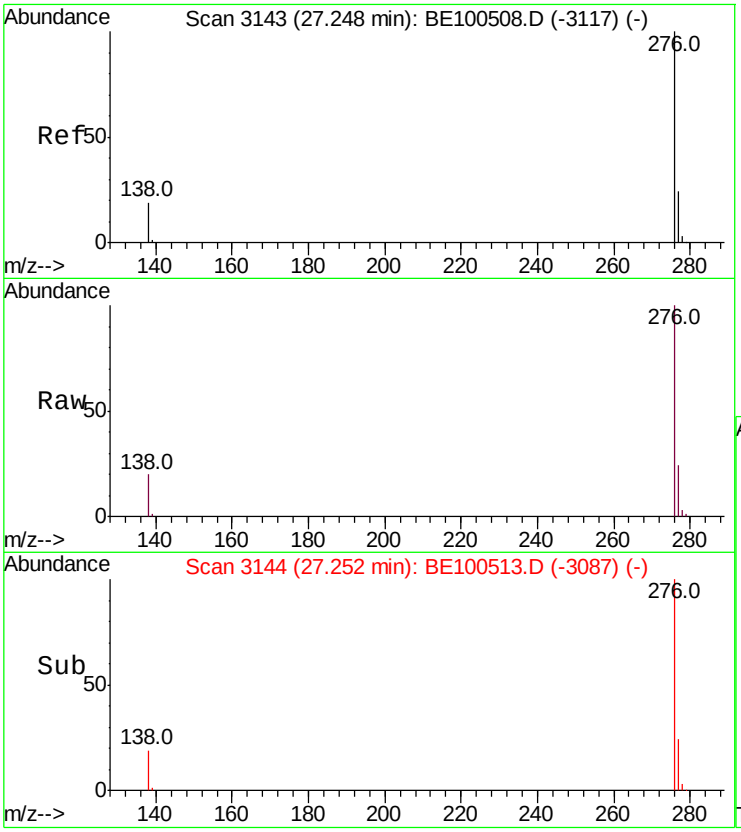


#38
Dibenzo(a,h)anthracene
Concen: 0.376 ng
RT: 26.48 min Scan# 2927
Delta R.T. 0.00 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Tgt Ion:278 Resp: 63197

Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.1	18.1
279	24.3	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.387 ng
RT: 27.25 min Scan# 3144
Delta R.T. 0.00 min
Lab File: BE100513.D
Acq: 18 Sep 2019 18:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 66718

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.6	29.4
138	20.0	16.0	24.0