Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091819\
Data File : BE100511.D
Acq On : 18 Sep 2019 17:33
Operator : HP/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 18 18:32:37 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 17:04:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	8003	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	38620	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	21159	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	48743	0.40	ng		0.00
27) Chrysene-d12	21.37	240	59990	0.40	ng		0.00
34) Perylene-d12	23.84	264	63111	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.44	112	79475	4.07	ng		0.00
5) Phenol-d6	7.02	99	108076	3.88	ng		0.00
8) Nitrobenzene-d5	9.00	82	78244	2.44	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	206322	3.22	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	18160	1.98	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	258021	3.00	ng		0.00
25) Fluoranthene-d10	19.23	212	2134970	3.20	ng		0.00
29) Terphenyl-d14	19.82	244	475024	3.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	41584	3.457	ng		99
3) n-Nitrosodimethylamine	3.65	42	29438	4.019	ng	#	94
6) bis(2-Chloroethyl)ether	7.27	93	98944	4.135	ng		96
9) Naphthalene	10.69	128	1391786	3.751	ng		100
10) Hexachlorobutadiene	10.99	225	42699	2.408	ng		99
12) 2-Methylnaphthalene	12.31	142	238533	3.576	ng		99
16) Acenaphthylene	14.21	152	373808	3.821	ng		100
17) Acenaphthene	14.54	154	229251	3.893	ng		100
18) Fluorene	15.51	166	292096	3.719	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	84156	3.629	ng		97
21) Hexachlorobenzene	16.52	284	66520	2.787	ng		99
22) Pentachlorophenol	16.87	266	23943	2.379	ng		99
23) Phenanthrene	17.24	178	489051	4.094	ng		100
24) Anthracene	17.34	178	466686	4.103	ng		100
26) Fluoranthene	19.26	202	611256	3.553	ng		99
28) Pyrene	19.61	202	617220	3.301	ng		99
30) Benzo(a)anthracene	21.34	228	658309	3.595	ng		99
31) Chrysene	21.40	228	640722	3.543	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	1214747	2.888	ng	#	94
33) Indeno(1,2,3-cd)pyrene	26.46	276	767988	3.896	ng		98
35) Benzo(b)fluoranthene	23.08	252	657803	3.806	ng		98
36) Benzo(k)fluoranthene	23.13	252	709906	3.918	ng		97
37) Benzo(a)pyrene	23.72	252	615613	3.667	ng		98
38) Dibenzo(a,h)anthracene	26.48	278	638166	4.020	ng		98
39) Benzo(g,h,i)perylene	27.25	276	630219	3.881	ng		99

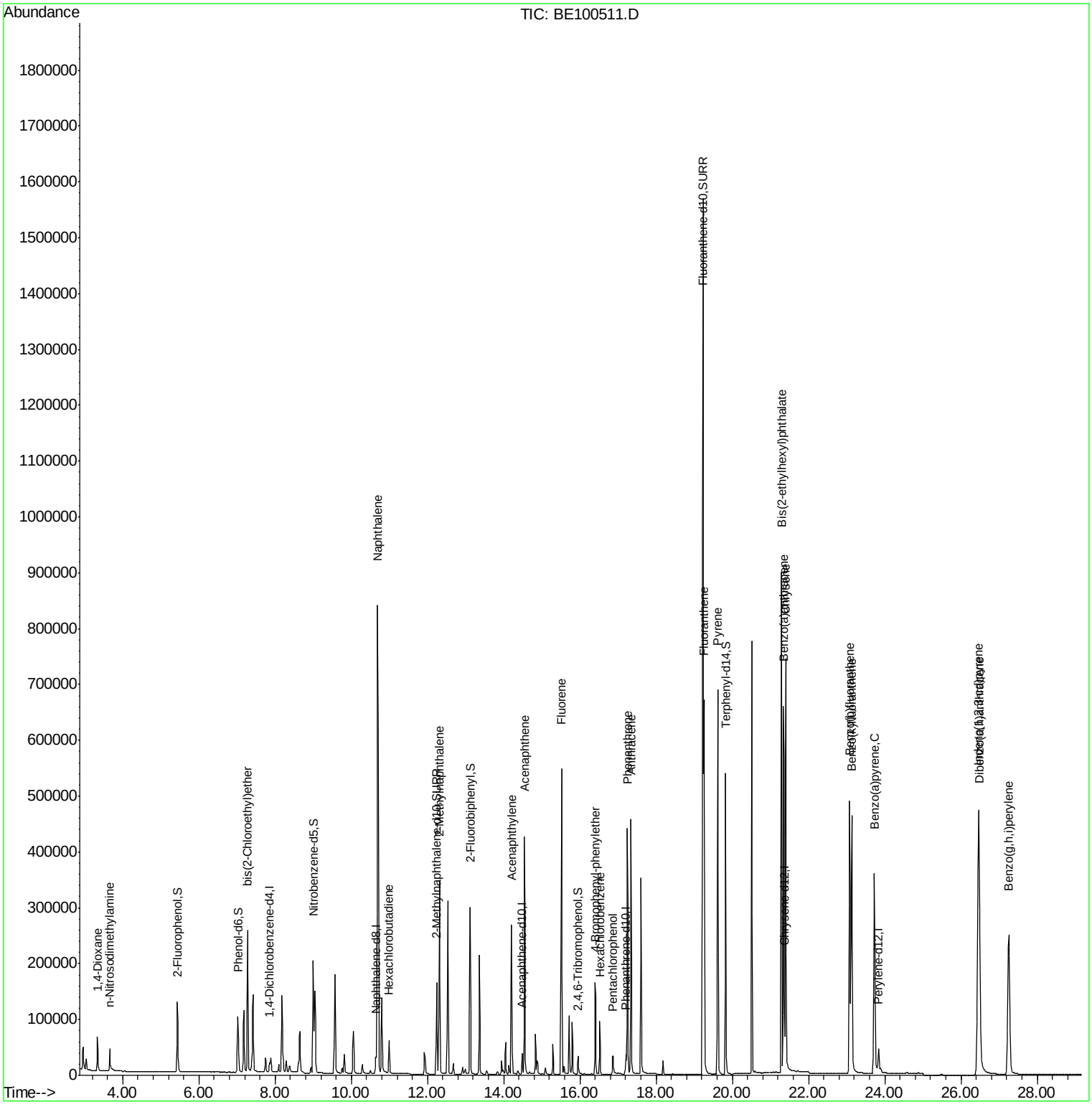
(#) = qualifier out of range (m) = manual integration (+) = signals summed

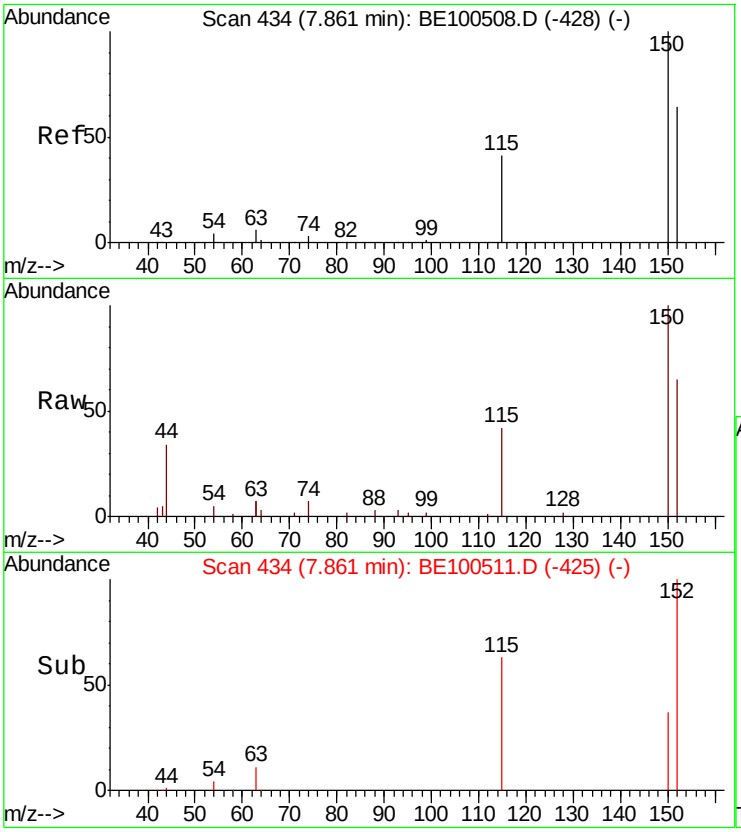
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091819\
Data File : BE100511.D
Acq On : 18 Sep 2019 17:33
Operator : HP/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 18 18:32:37 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 17:04:18 2019
Response via : Initial Calibration



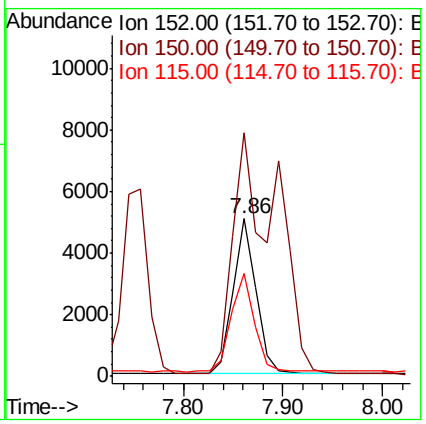


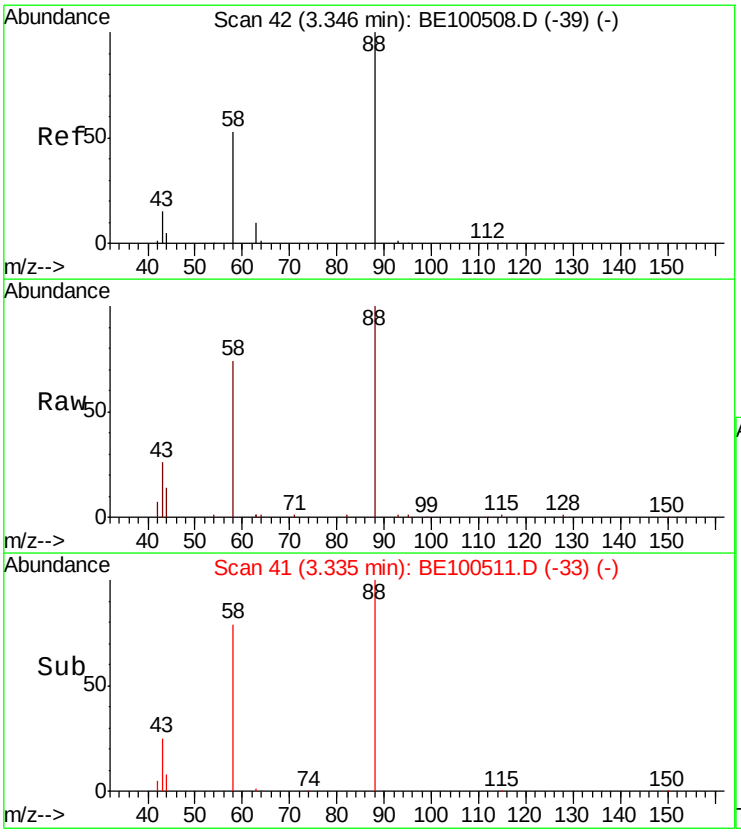
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 8003

Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.1	186.1
115	65.1	53.0	79.6

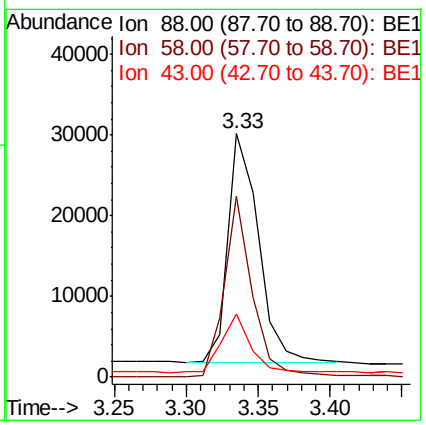


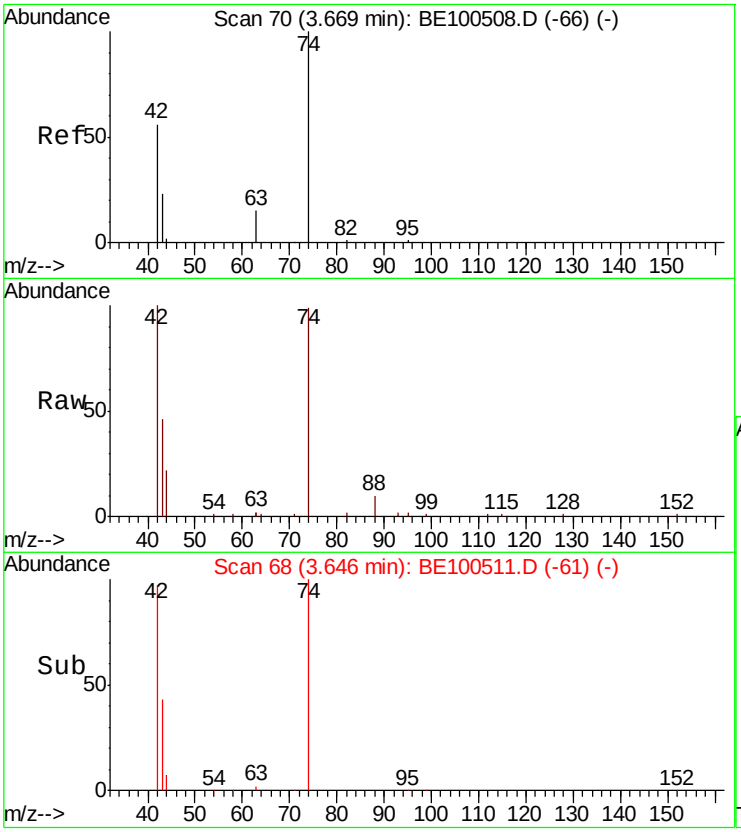


#2
1,4-Dioxane
Concen: 3.457 ng
RT: 3.33 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Tgt Ion: 88 Resp: 41584

Ion	Ratio	Lower	Upper
88	100		
58	71.6	56.2	84.2
43	23.9	19.2	28.8



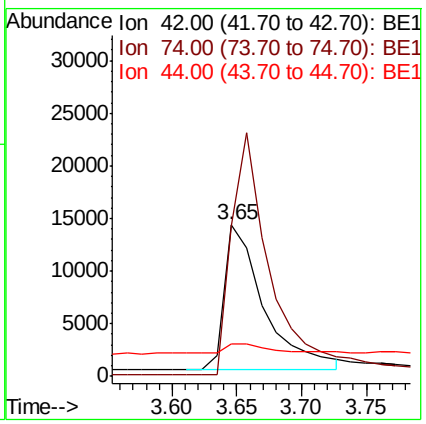


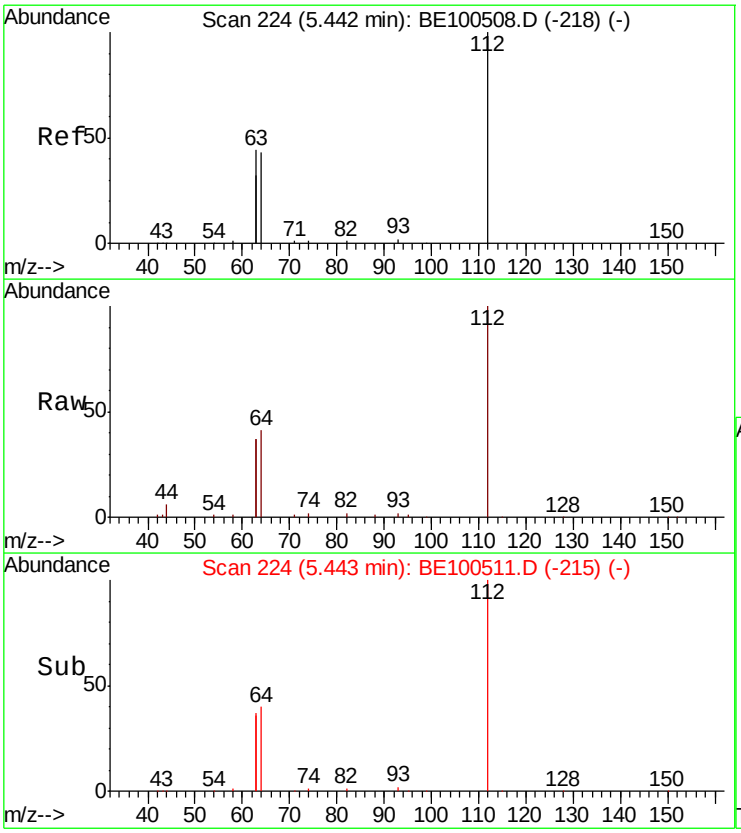
#3
n-Nitrosodimethylamine
Concen: 4.019 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.02 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 29438

Ion	Ratio	Lower	Upper
42	100		
74	162.1	127.2	190.8
44	7.2	18.2	27.4#

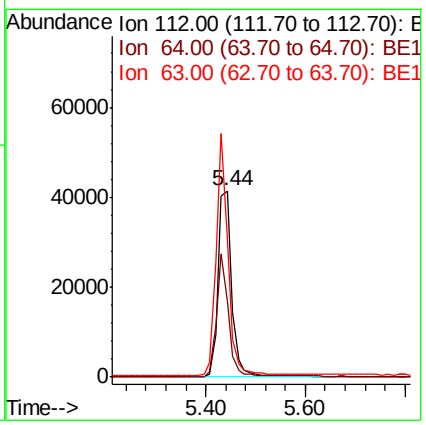


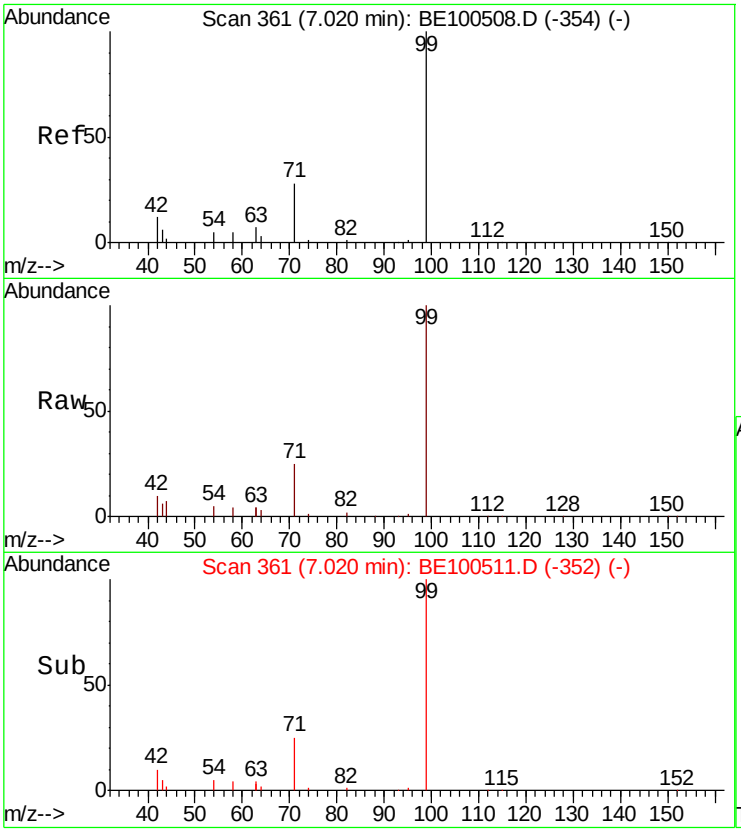


#4
2-Fluorophenol
Concen: 4.071 ng
RT: 5.44 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Tgt Ion:112 Resp: 79475

Ion	Ratio	Lower	Upper
112	100		
64	56.6	46.2	69.2
63	111.6	88.2	132.4



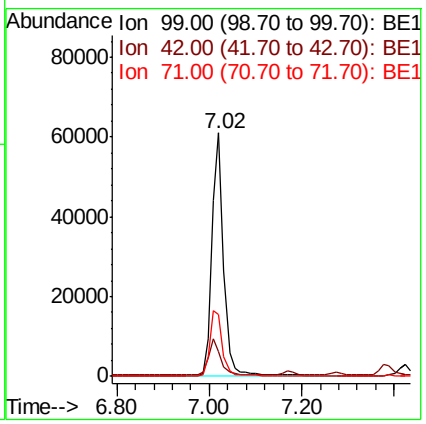


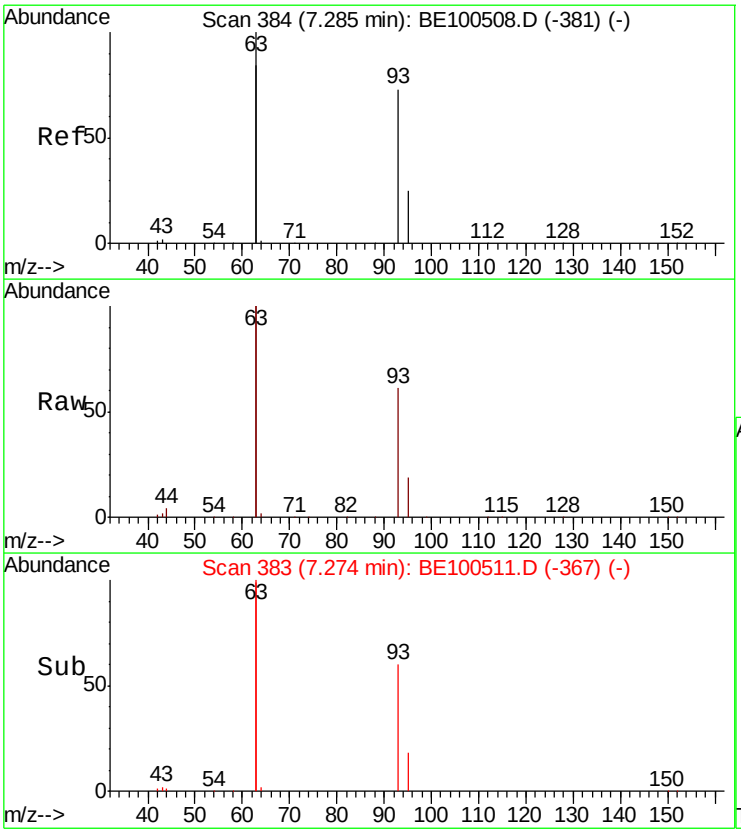
#5
Phenol-d6
Concen: 3.875 ng
RT: 7.02 min Scan# 361
Delta R.T. 0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 108076

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.0	18.0
71	29.4	22.7	34.1

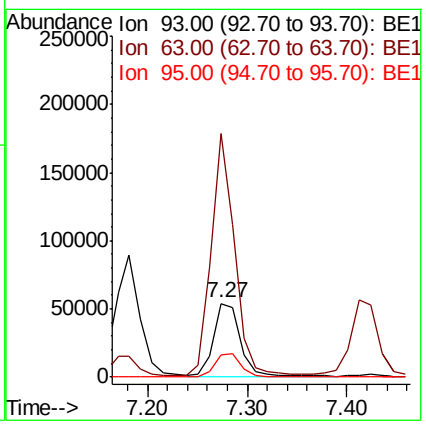


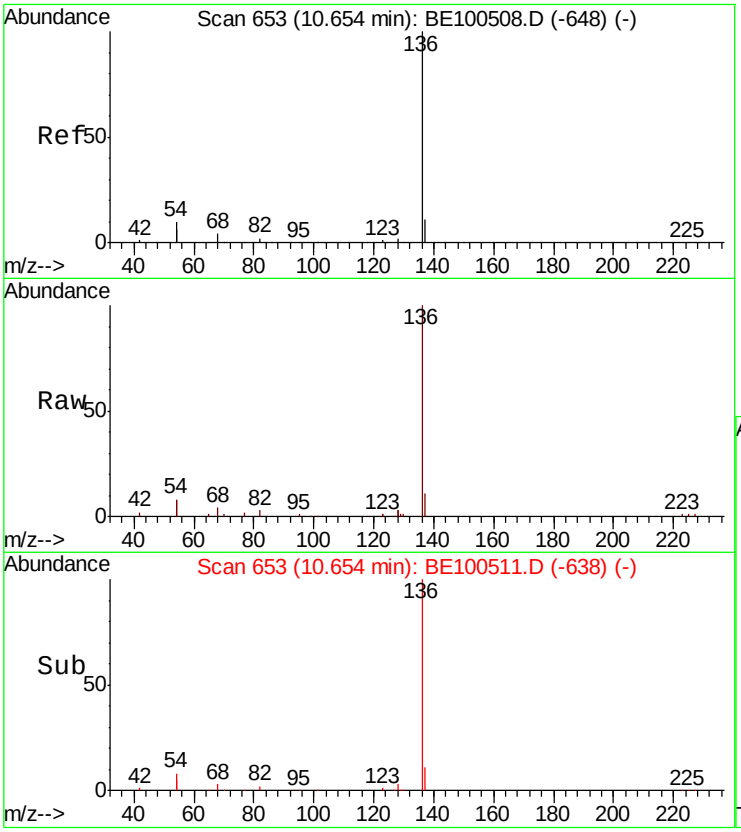


#6
bis(2-Chloroethyl)ether
Concen: 4.135 ng
RT: 7.27 min Scan# 383
Delta R.T. -0.01 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Tgt Ion: 93 Resp: 98944

Ion	Ratio	Lower	Upper
93	100		
63	292.6	228.3	342.5
95	31.7	24.6	36.8



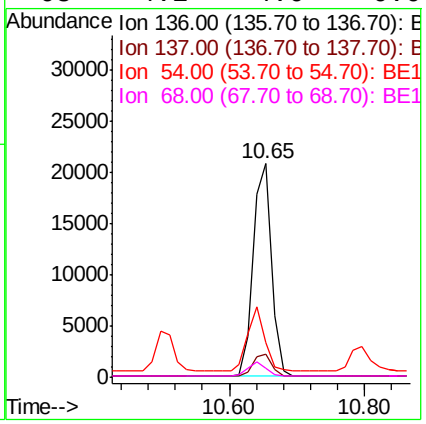


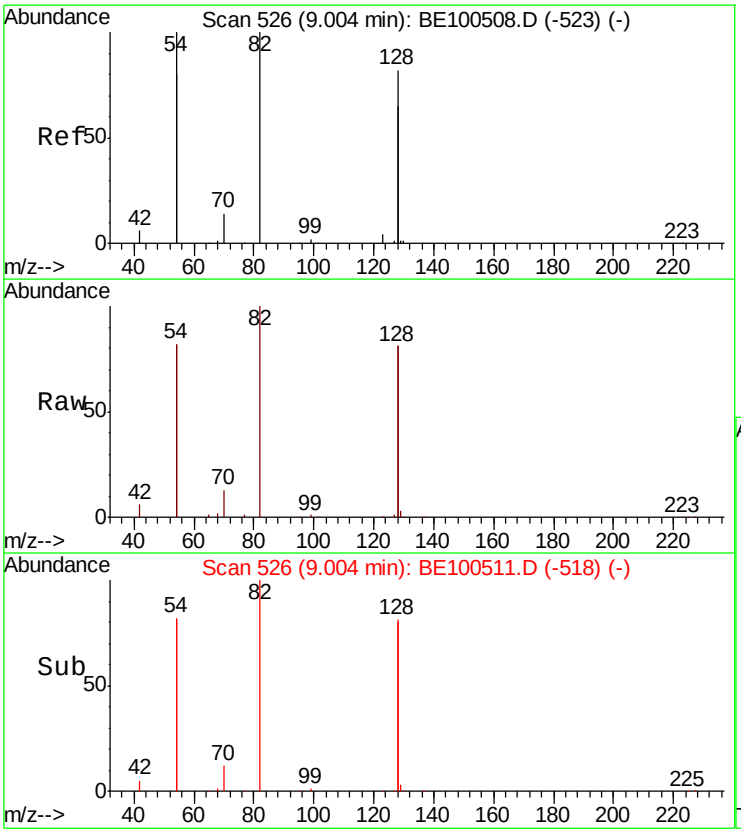
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 38620

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	16.3	15.4	23.0
68	4.2	4.0	6.0

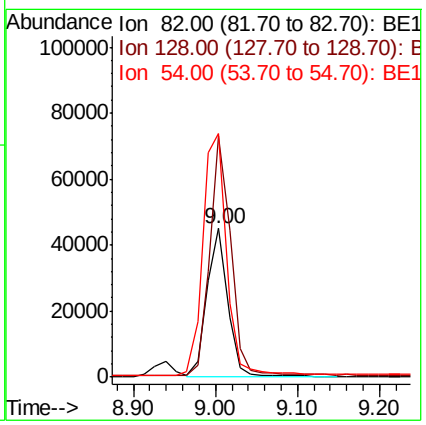


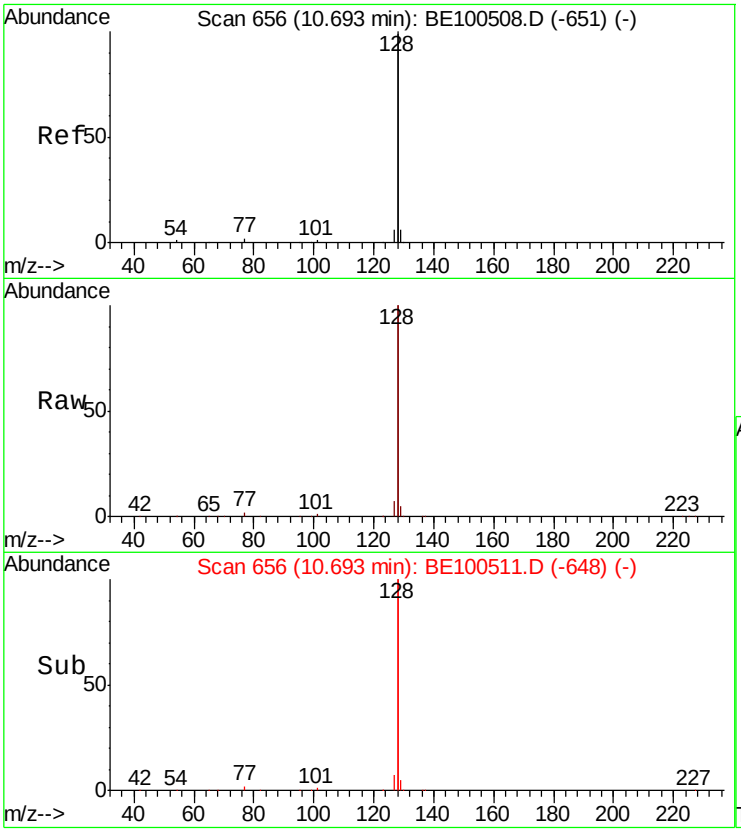


#8
Nitrobenzene-d5
Concen: 2.437 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Tgt Ion: 82 Resp: 78244

Ion	Ratio	Lower	Upper
82	100		
128	162.0	124.6	186.8
54	163.6	151.8	227.8



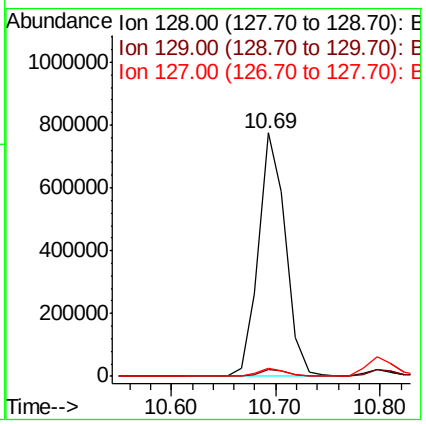


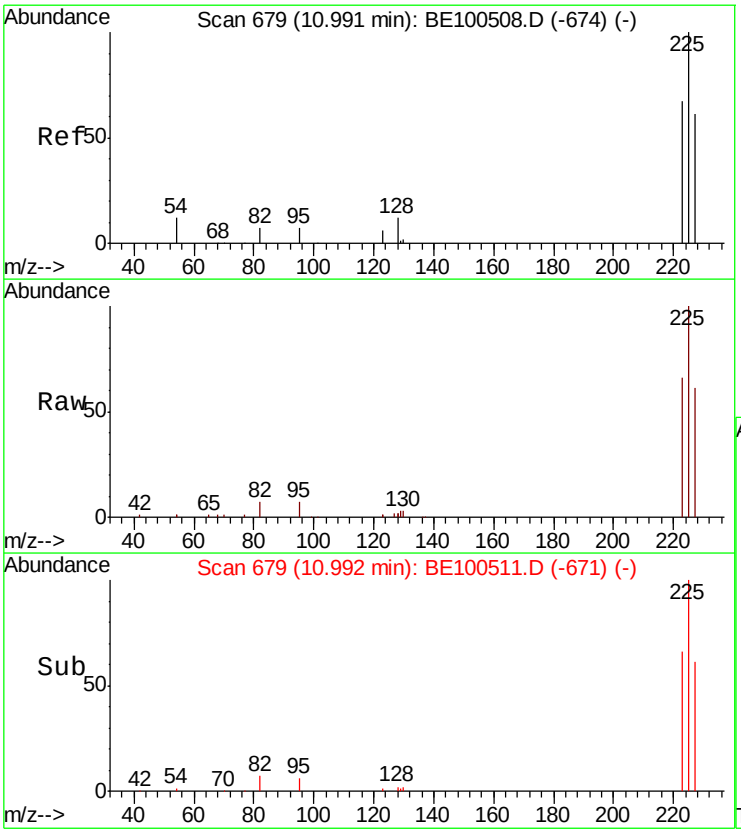
#9
Naphthalene
Concen: 3.751 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 1391786

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.3	3.5
127	3.3	2.6	4.0

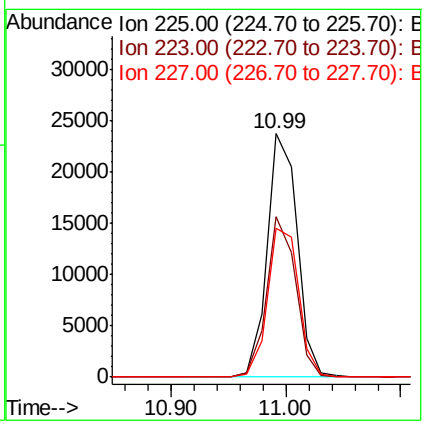


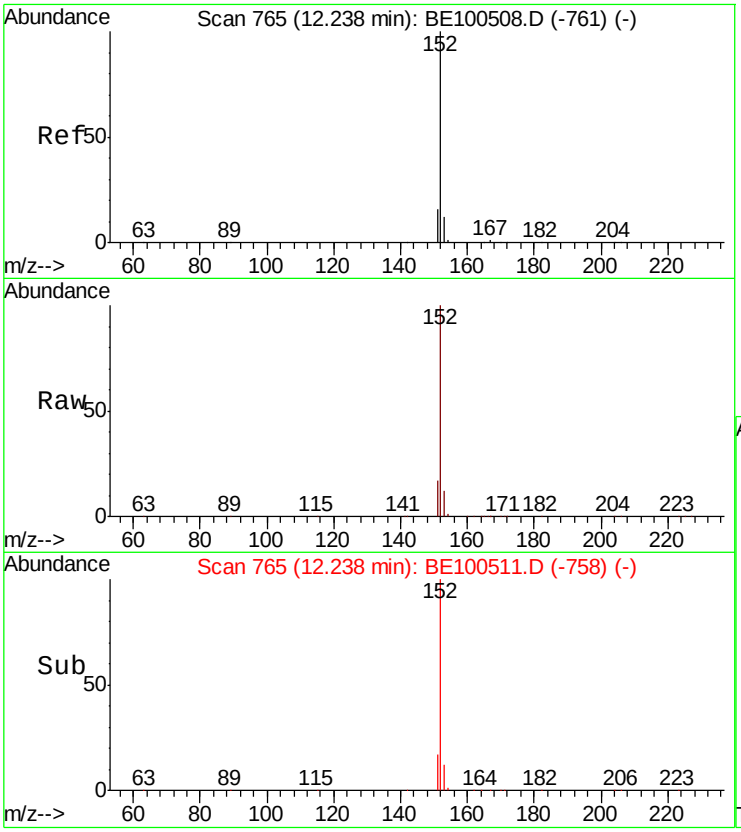


#10
Hexachlorobutadiene
Concen: 2.408 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Tgt Ion:225 Resp: 42699

Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.0	76.6
227	63.7	51.6	77.4



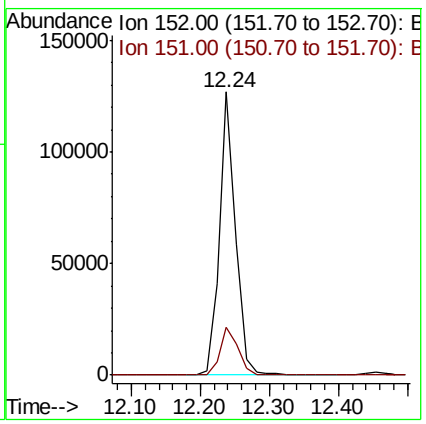


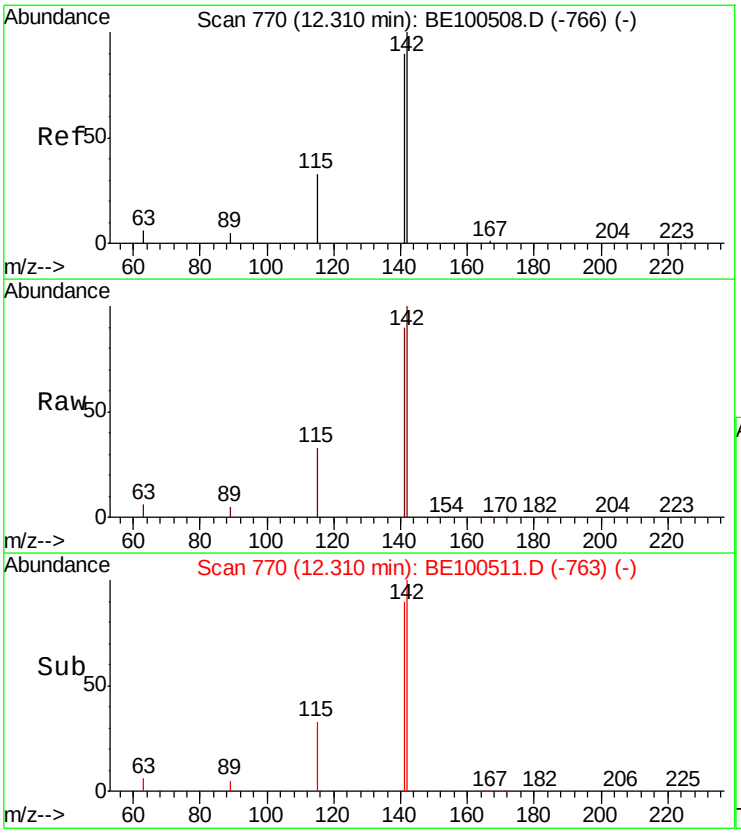
#11
2-Methylnaphthalene-d10
Concen: 3.225 ng
RT: 12.24 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 206322

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.2	22.8

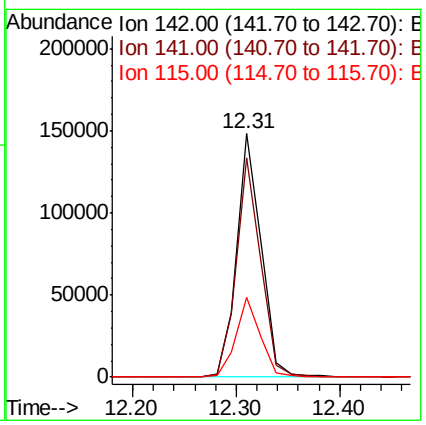


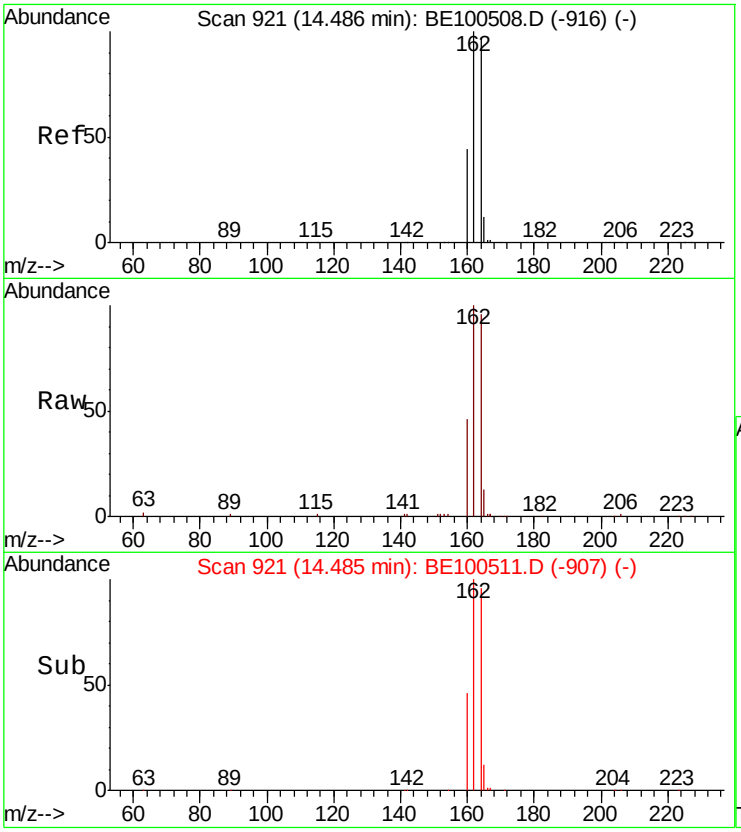


#12
2-Methylnaphthalene
Concen: 3.576 ng
RT: 12.31 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Tgt Ion:142 Resp: 238533

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.1	108.1
115	33.0	27.4	41.2



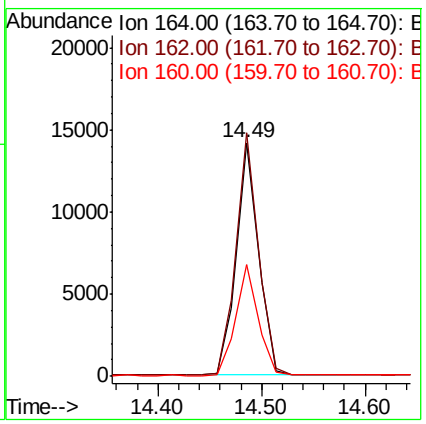


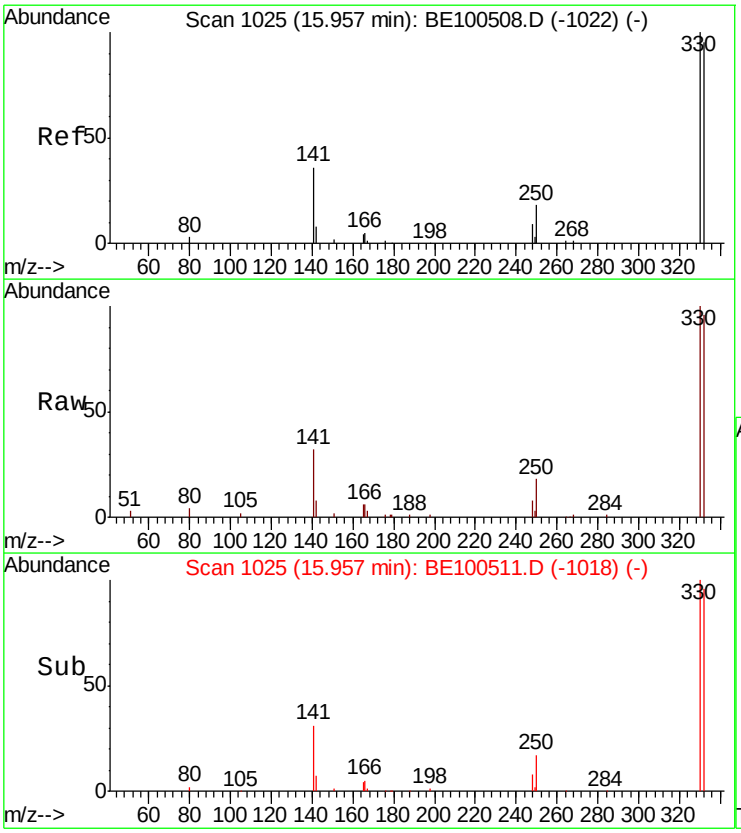
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 21159

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.8	124.2
160	47.7	36.8	55.2

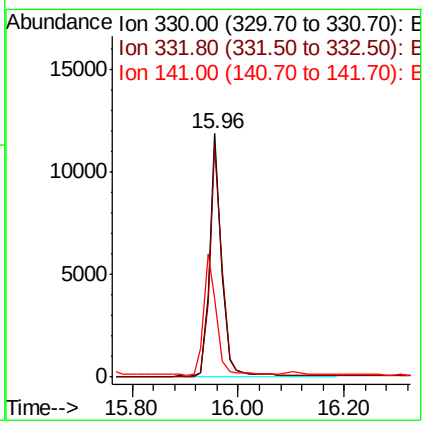


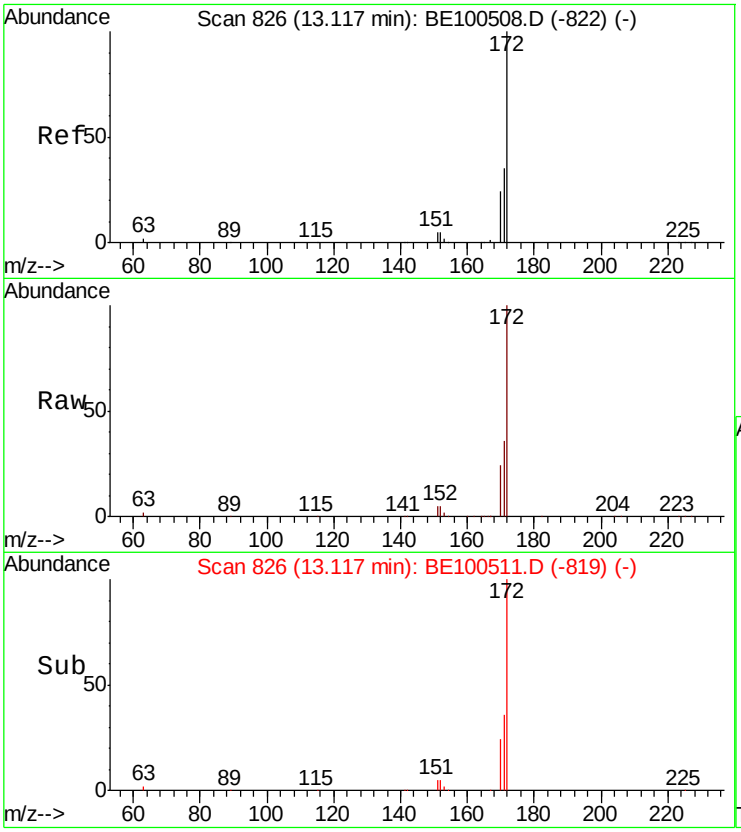


#14
2,4,6-Tribromophenol
Concen: 1.979 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Tgt Ion:330 Resp: 18160

Ion	Ratio	Lower	Upper
330	100		
332	97.5	80.2	120.2
141	53.6	43.7	65.5



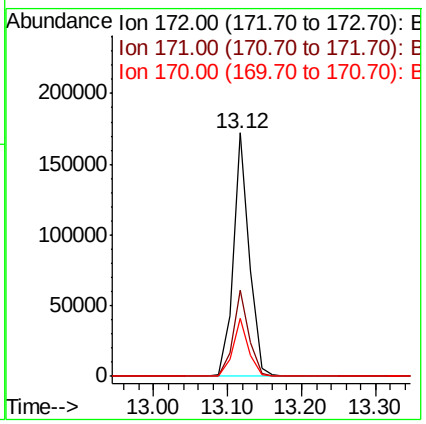


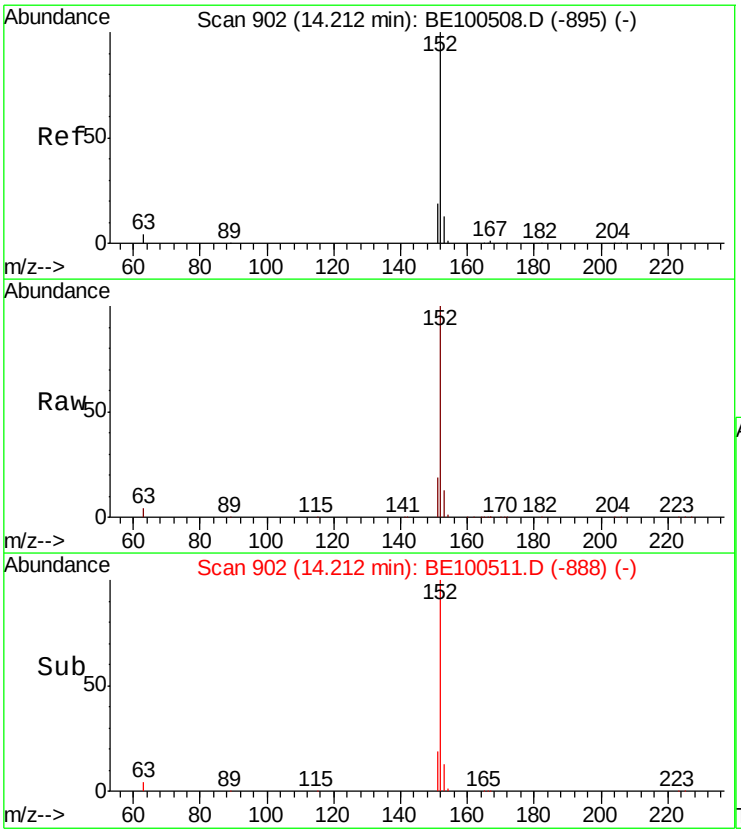
#15
2-Fluorobiphenyl
Concen: 2.999 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 258021

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.4	42.6
170	23.8	19.2	28.8

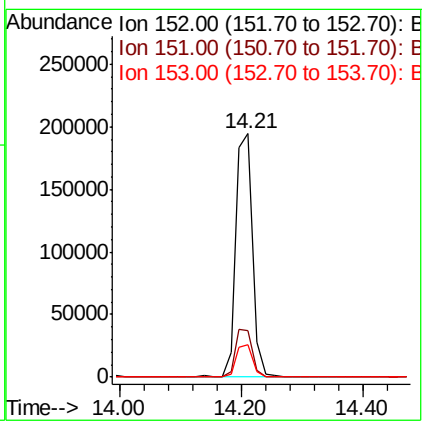


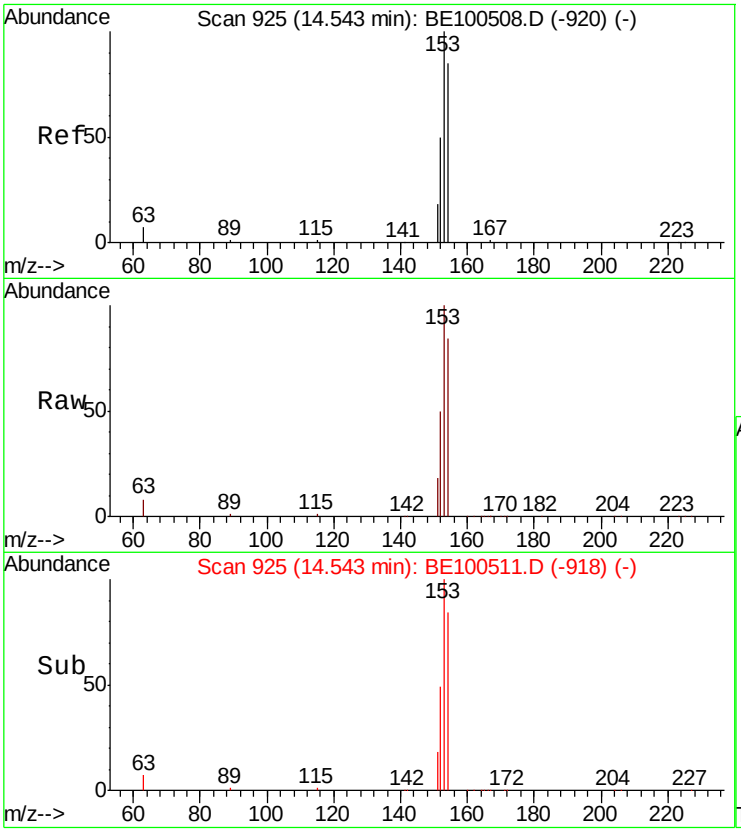


#16
Acenaphthylene
Concen: 3.821 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Tgt Ion:152 Resp: 373808

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.1	10.2	15.2



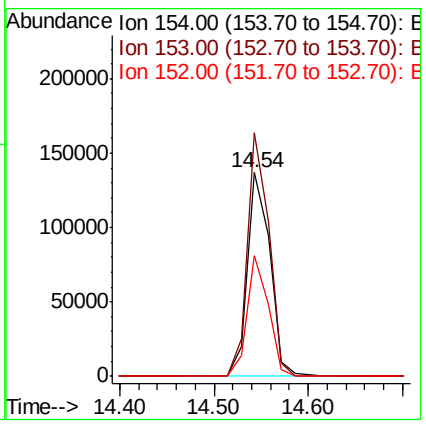


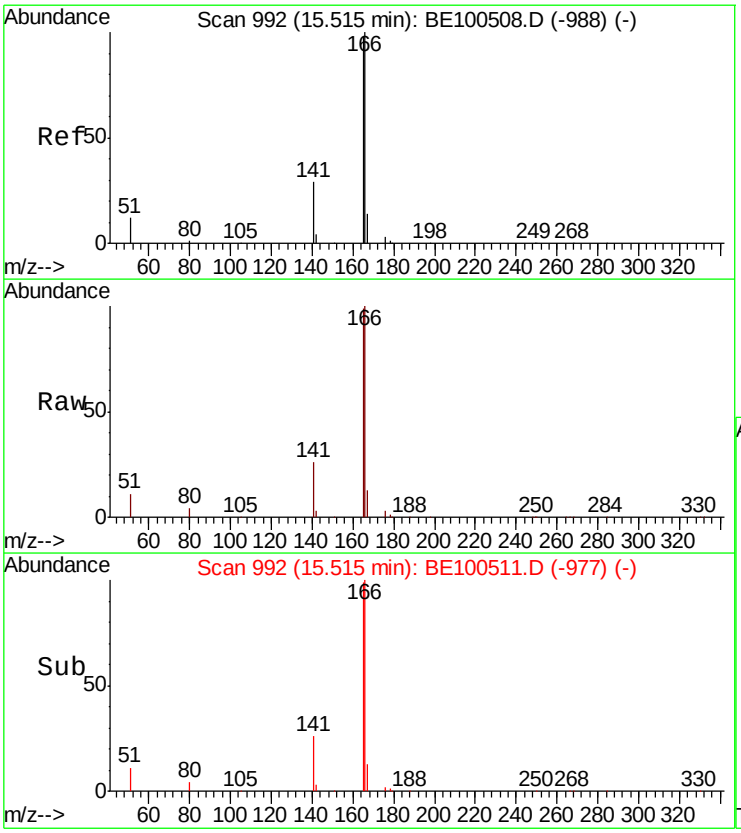
#17
Acenaphthene
Concen: 3.893 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 229251

Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.5	137.3
152	55.9	44.9	67.3

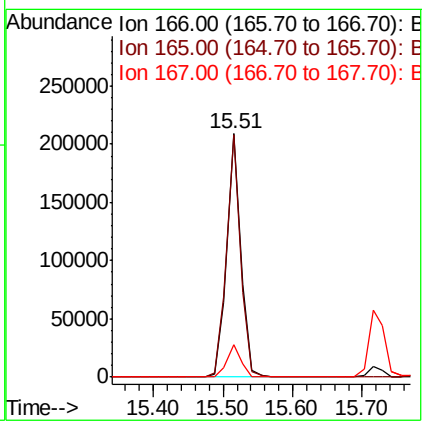


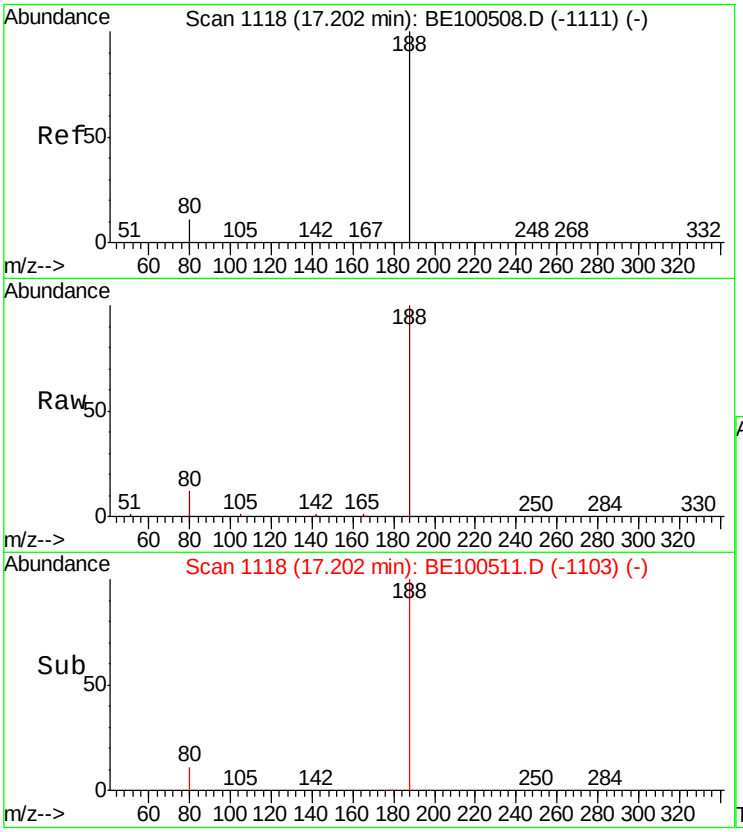


#18
Fluorene
Concen: 3.719 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Tgt Ion:166 Resp: 292096

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.9	118.3
167	13.4	10.9	16.3



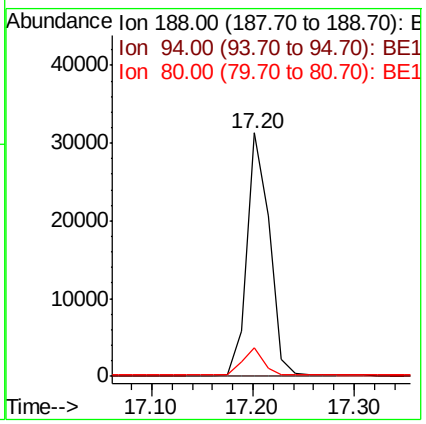


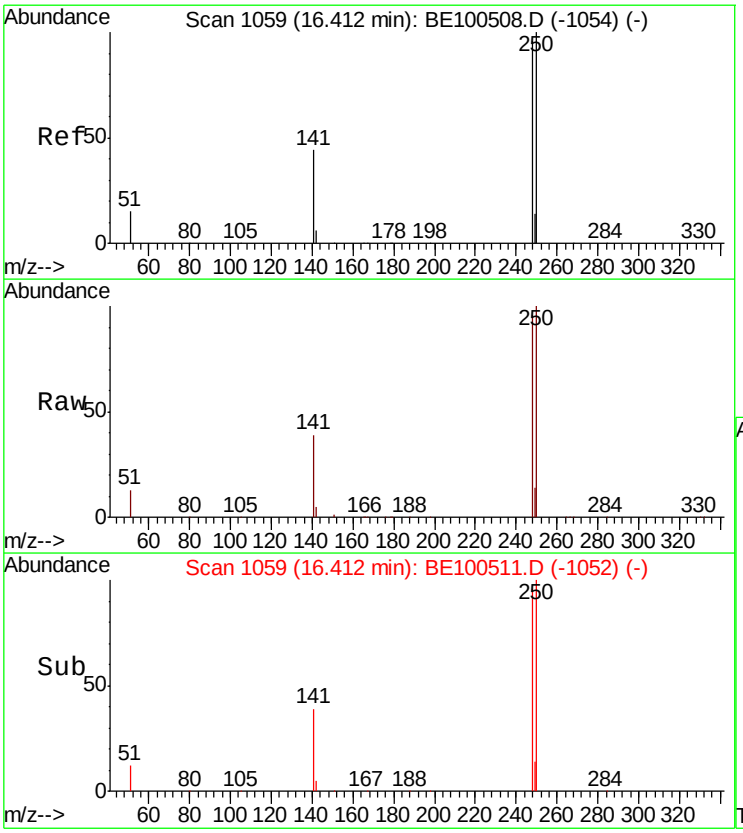
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 48743

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.5	9.0	13.6

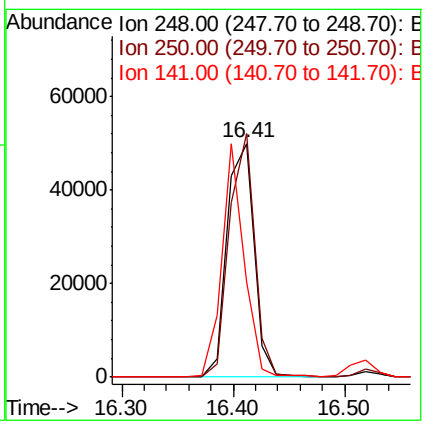


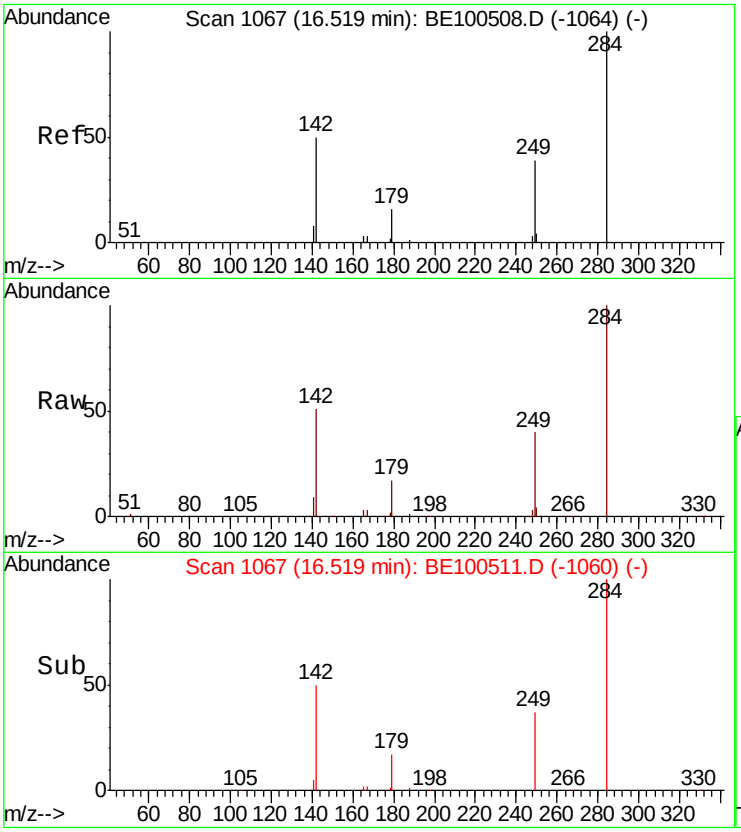


#20
4-Bromophenyl-phenylether
Concen: 3.629 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Tgt Ion:248 Resp: 84156

Ion	Ratio	Lower	Upper
248	100		
250	104.3	83.0	124.4
141	41.0	38.0	57.0



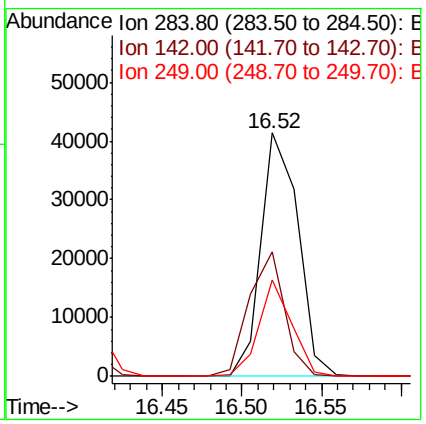


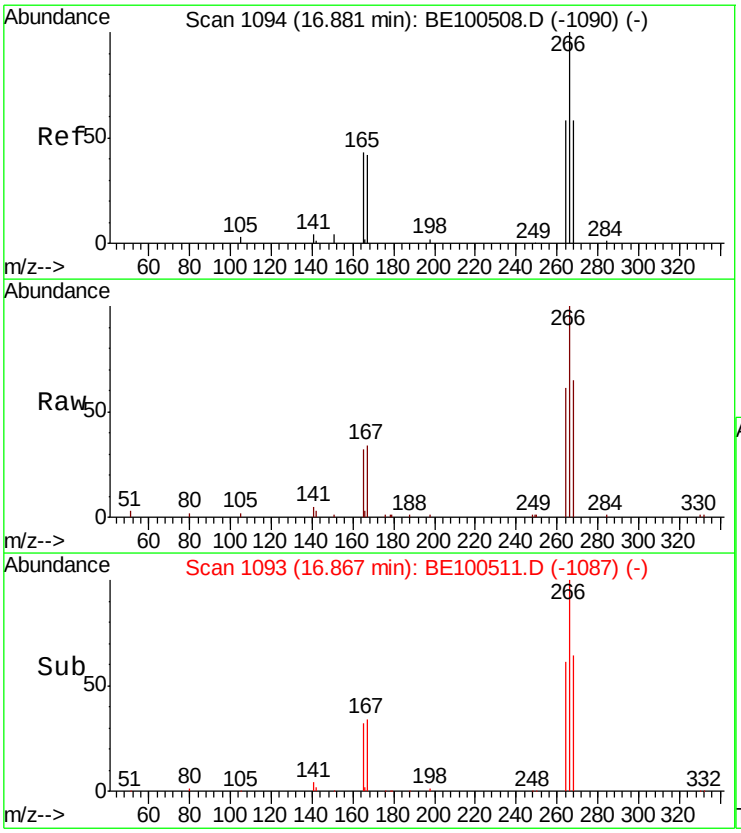
#21
Hexachlorobenzene
Concen: 2.787 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 66520

Ion	Ratio	Lower	Upper
284	100		
142	48.4	38.2	57.4
249	34.9	28.8	43.2

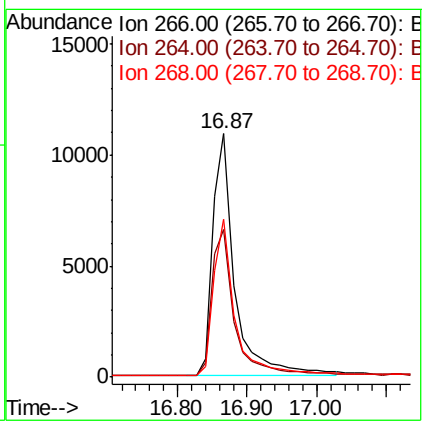


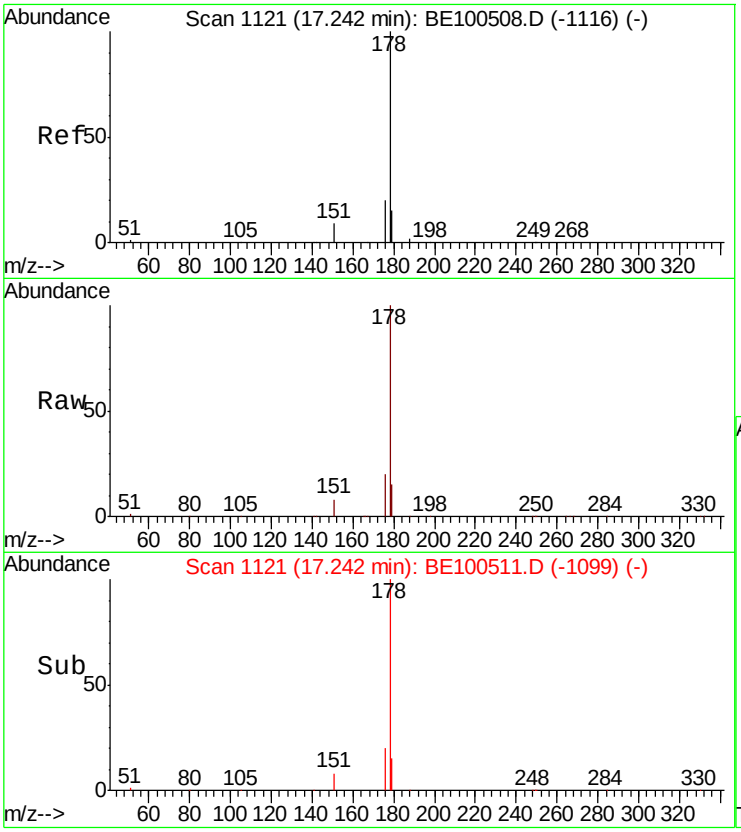


#22
Pentachlorophenol
Concen: 2.379 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Tgt Ion:266 Resp: 23943

Ion	Ratio	Lower	Upper
266	100		
264	60.6	48.6	73.0
268	64.7	52.3	78.5



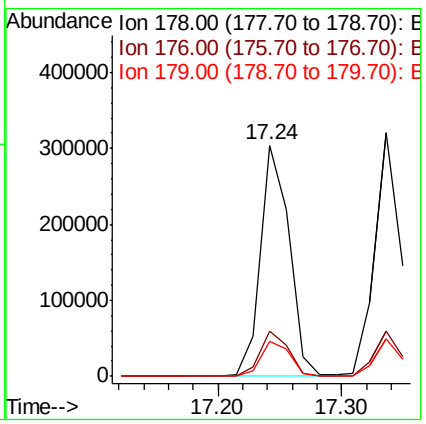


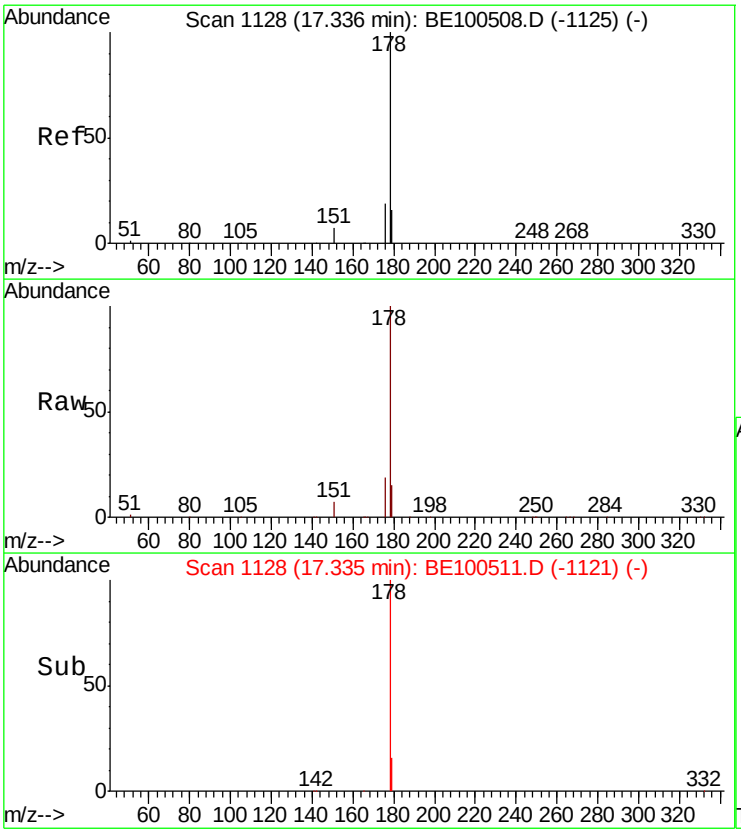
#23
Phenanthrene
Concen: 4.094 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 489051

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

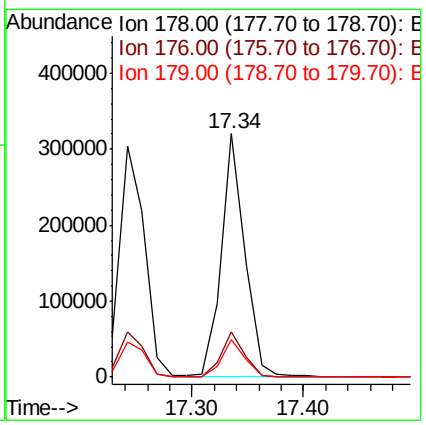


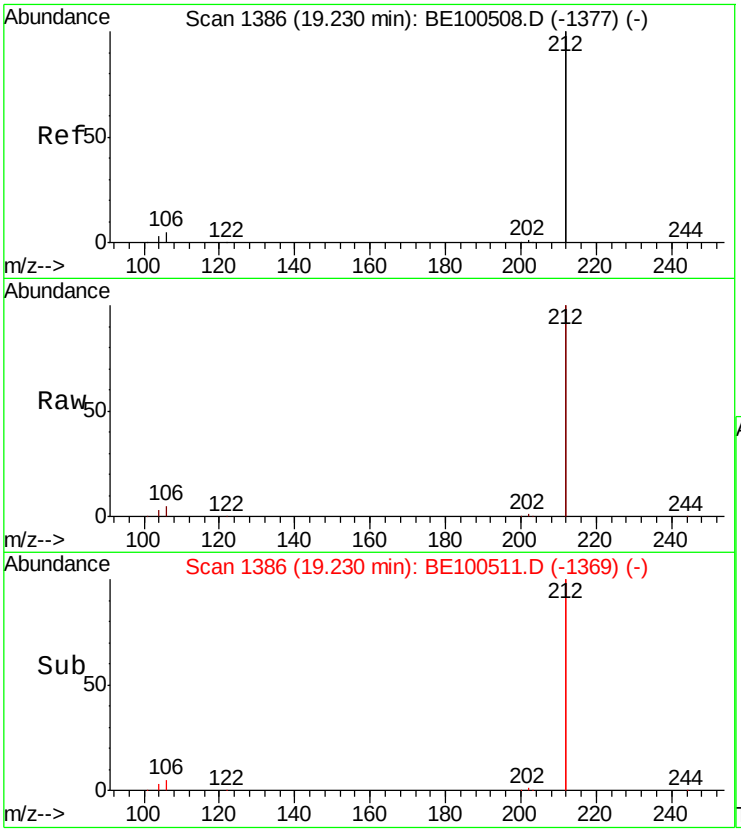


#24
Anthracene
Concen: 4.103 ng
RT: 17.34 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Tgt Ion:178 Resp: 466686

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.3	12.4	18.6



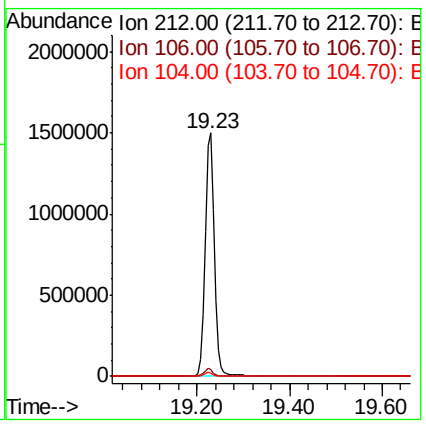


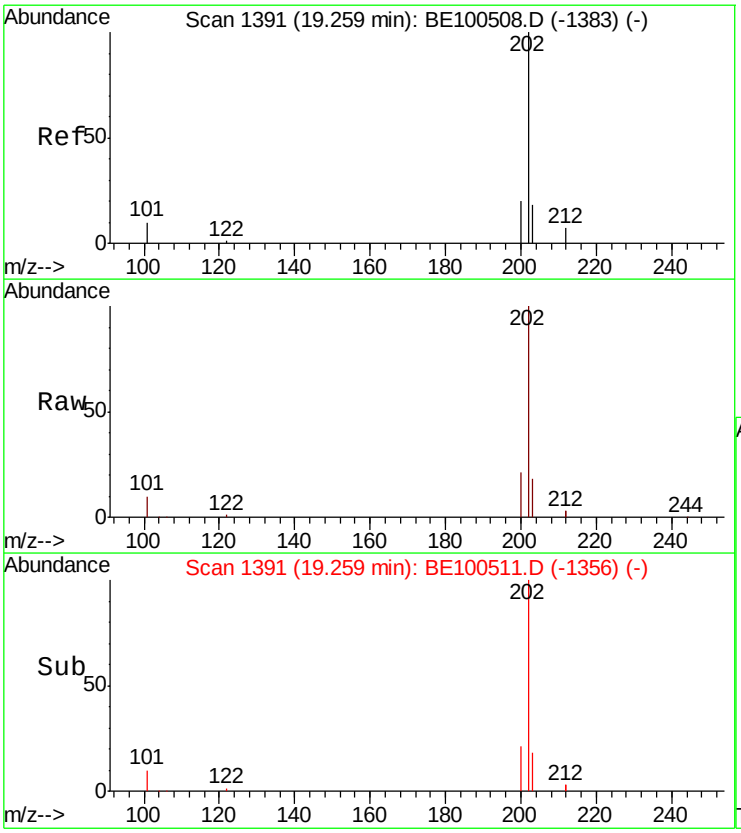
#25
Fluoranthene-d10
Concen: 3.198 ng
RT: 19.23 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 2134970

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.4	3.6
104	1.7	1.4	2.0

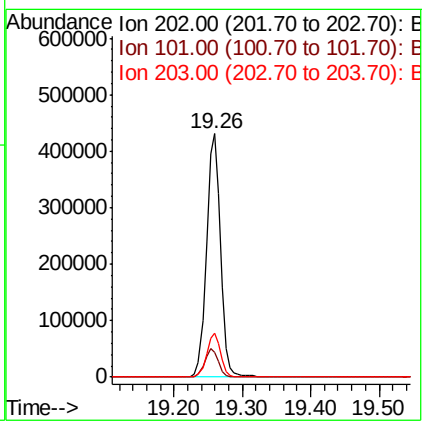


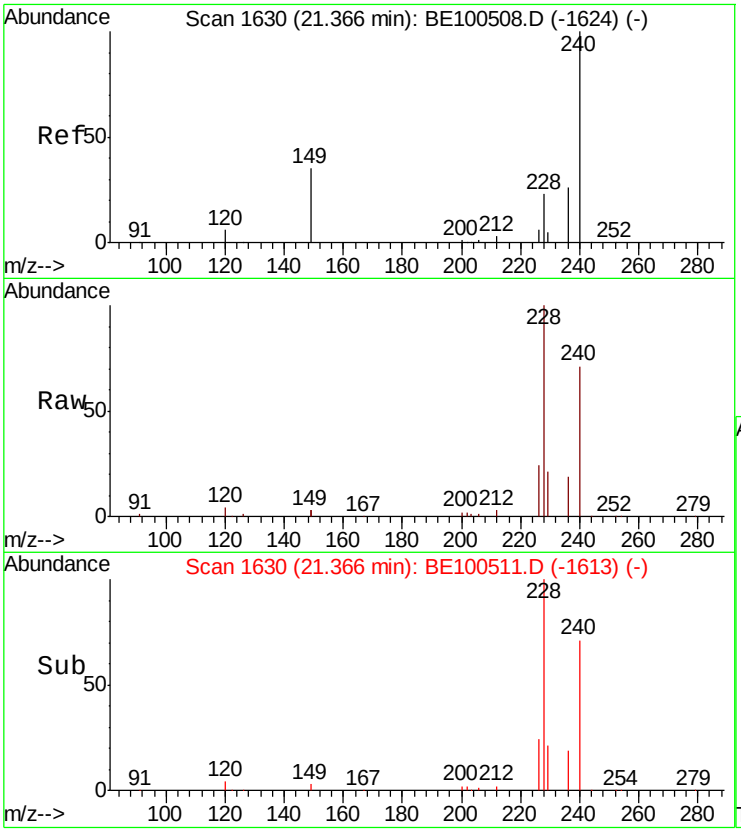


#26
Fluoranthene
Concen: 3.553 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Tgt Ion:202 Resp: 611256

Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.8	13.2
203	17.7	13.8	20.8



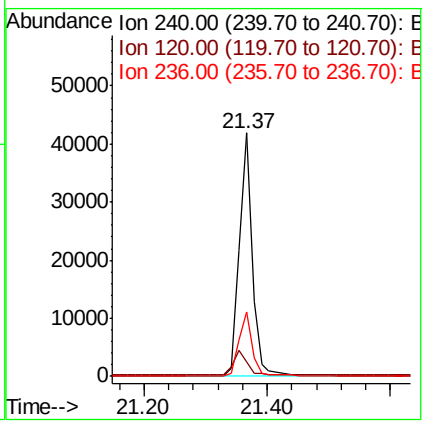


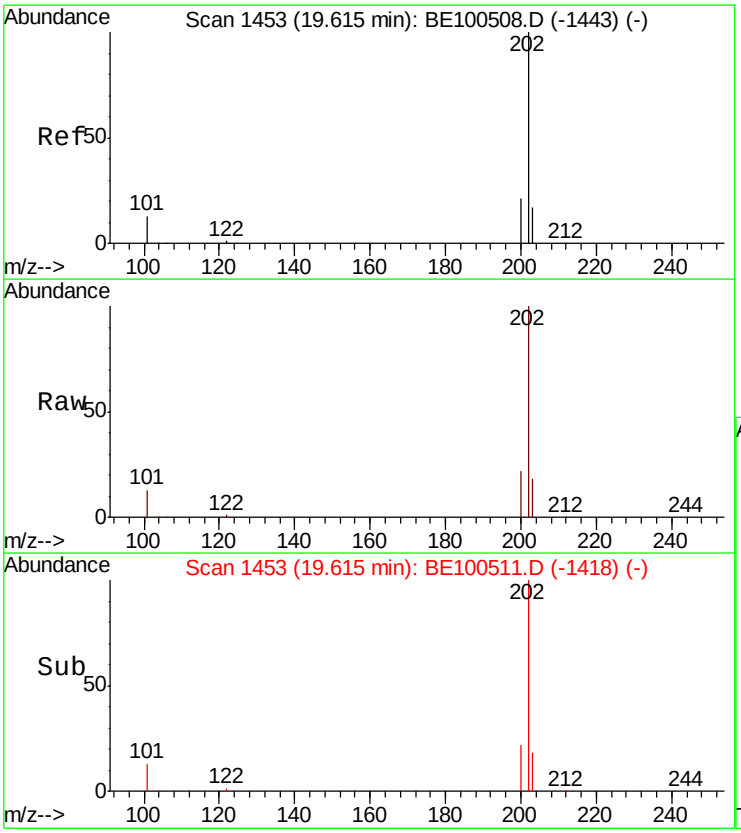
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 59990

Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.1	7.7
236	26.4	20.9	31.3

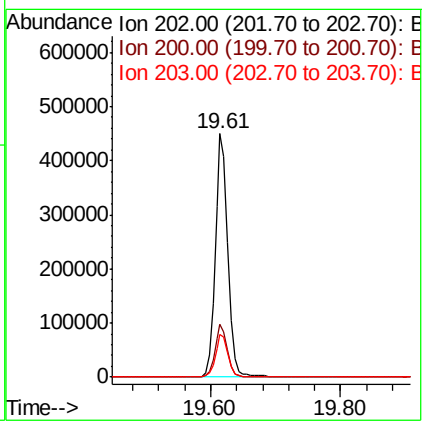


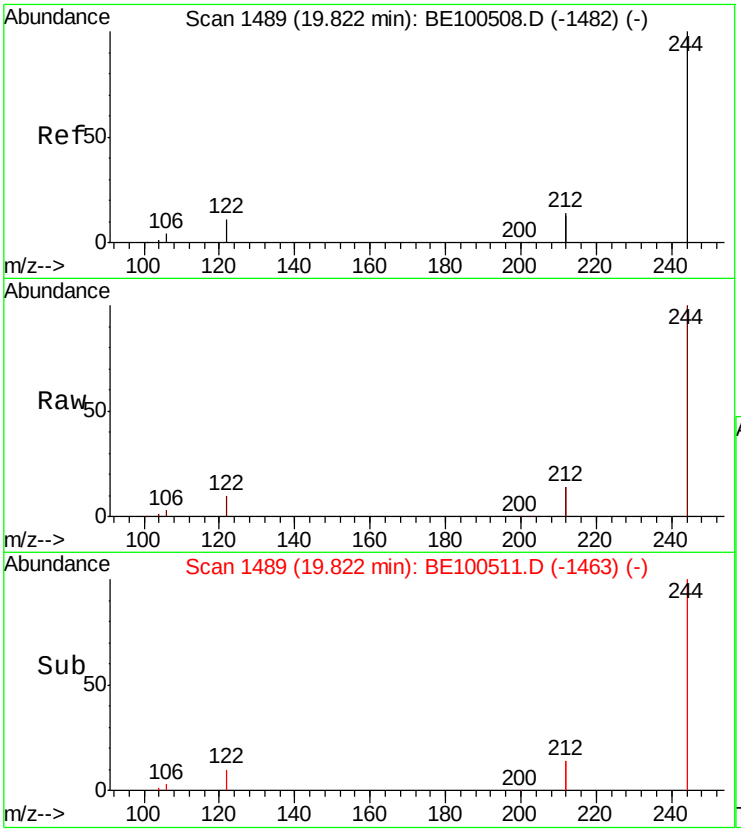


#28
Pyrene
Concen: 3.301 ng
RT: 19.61 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Tgt Ion:202 Resp: 617220

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	17.7	13.9	20.9



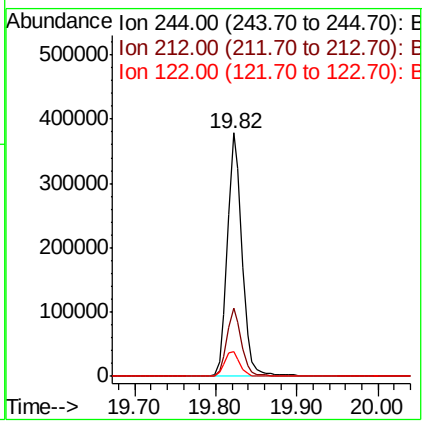


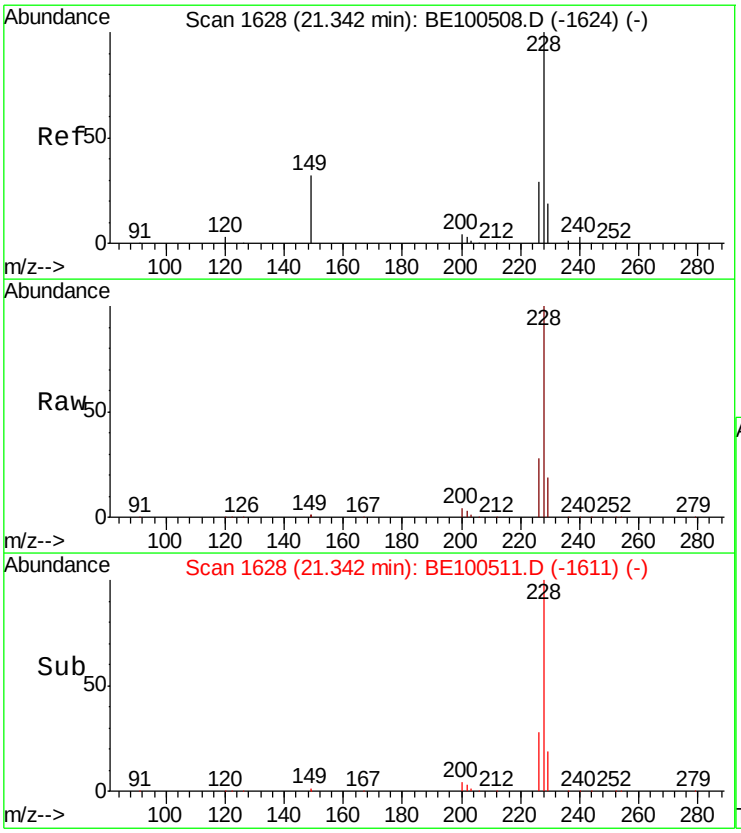
#29
Terphenyl-d14
Concen: 3.207 ng
RT: 19.82 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 475024

Ion	Ratio	Lower	Upper
244	100		
212	27.9	22.8	34.2
122	10.2	9.0	13.4

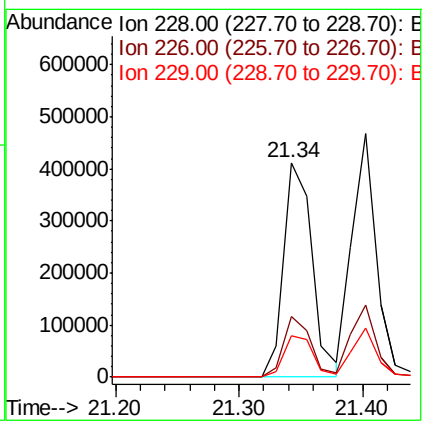


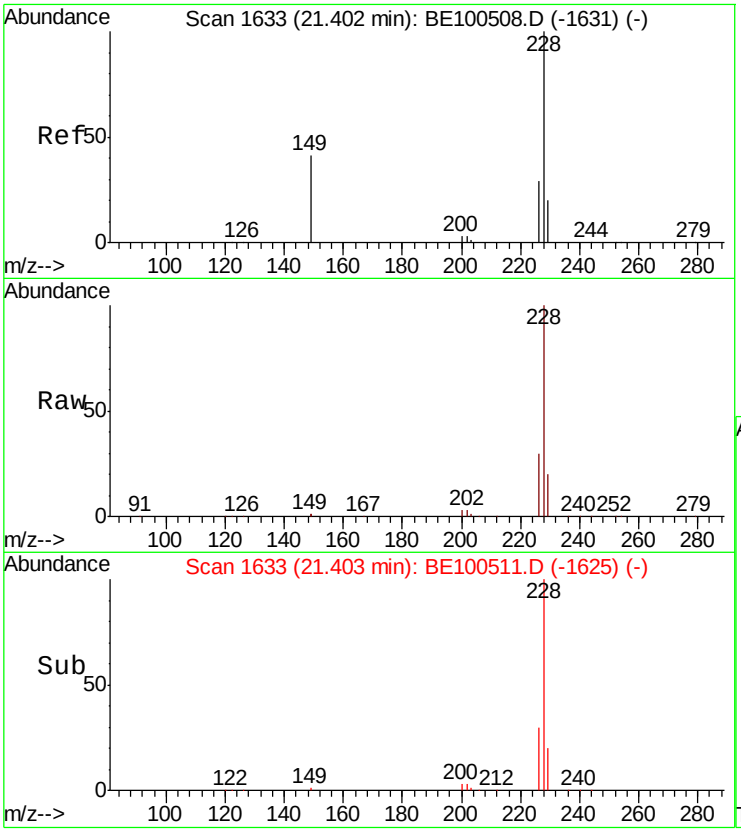


#30
Benzo(a)anthracene
Concen: 3.595 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Tgt Ion:228 Resp: 658309

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.1	34.7
229	19.3	15.3	22.9



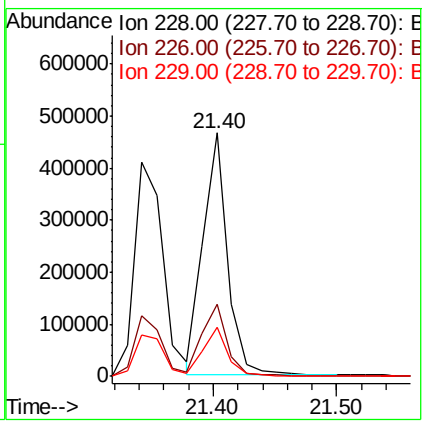


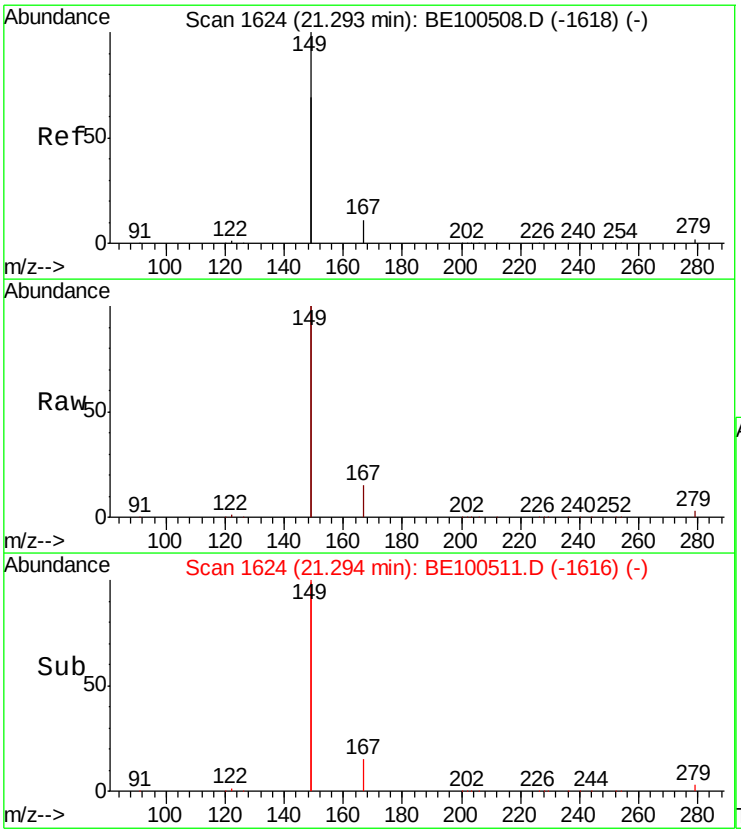
#31
Chrysene
Concen: 3.543 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 640722

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.1	34.7
229	20.0	15.8	23.8

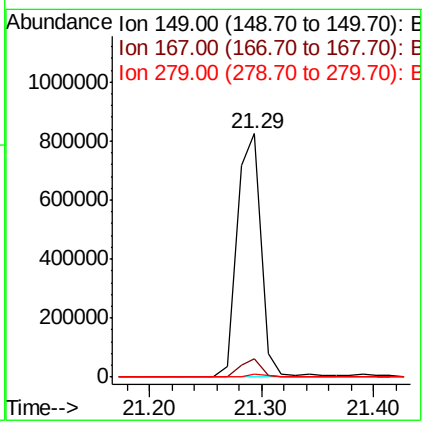


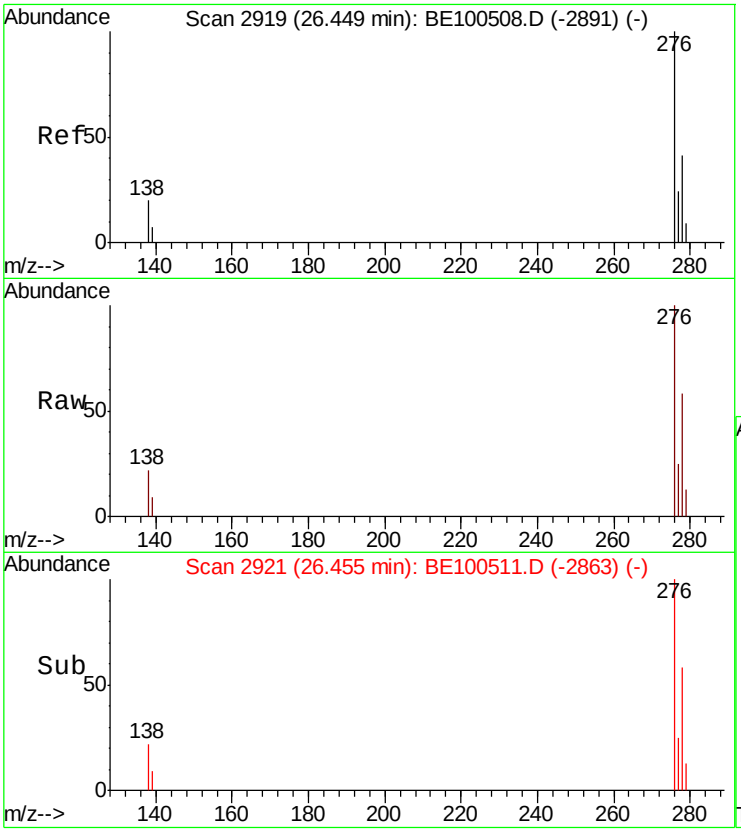


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.888 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Tgt Ion:149 Resp: 1214747

Ion	Ratio	Lower	Upper
149	100		
167	6.6	3.5	5.3#
279	1.1	0.6	0.8#



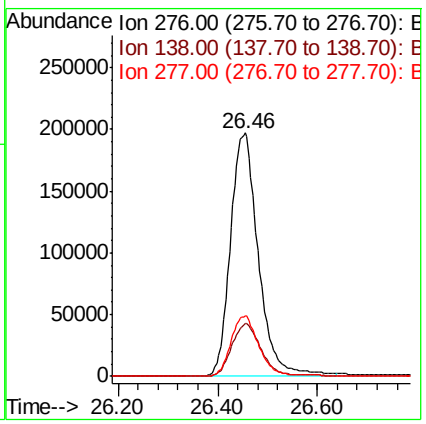


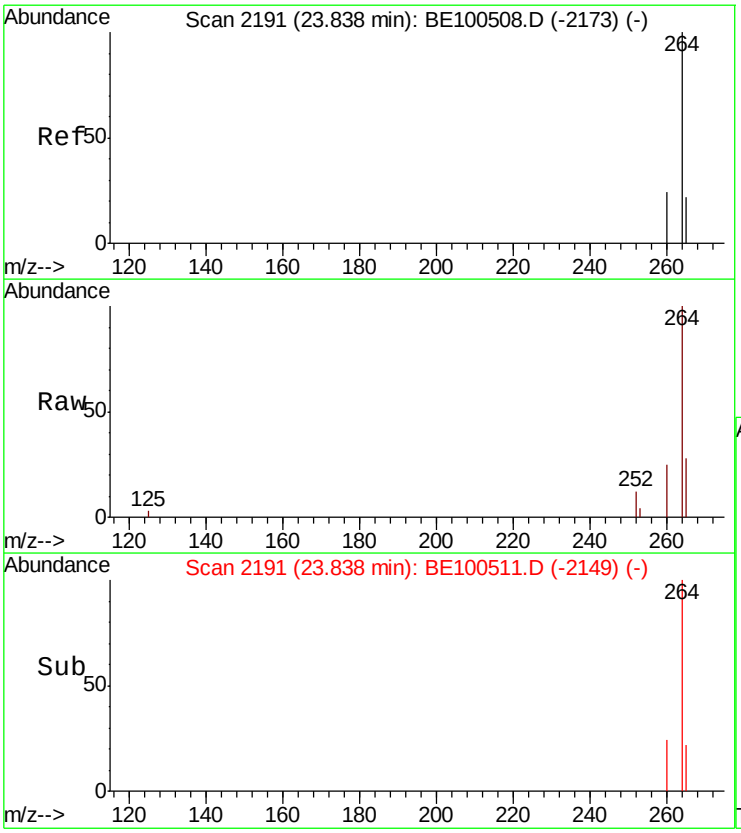
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.896 ng
RT: 26.46 min Scan# 2921
Delta R.T. 0.01 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 767988

Ion	Ratio	Lower	Upper
276	100		
138	22.9	17.8	26.8
277	25.2	19.0	28.6

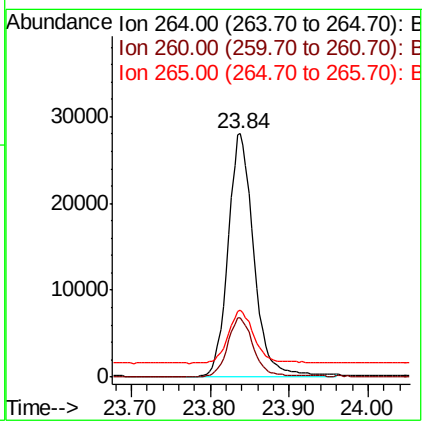


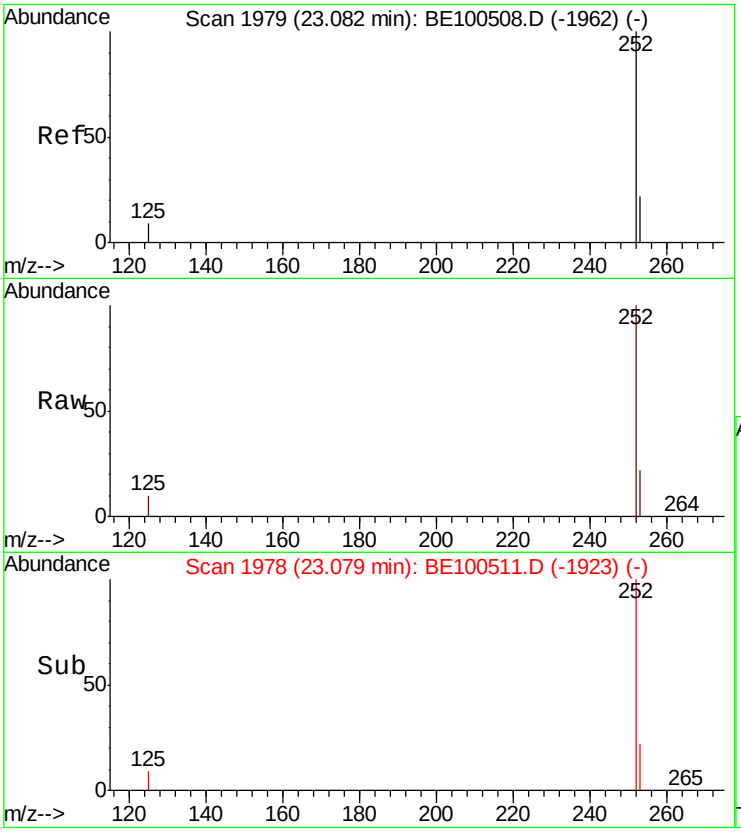


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Tgt Ion:264 Resp: 63111

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	27.7	23.0	34.4



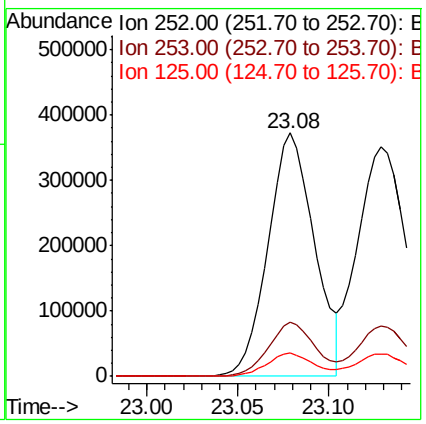


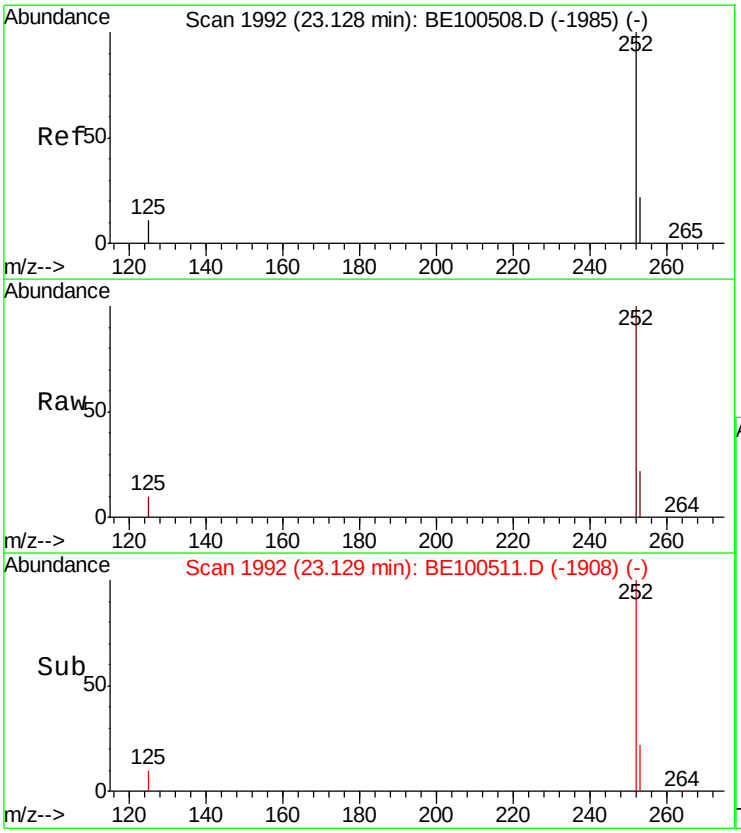
#35
Benzo(b)fluoranthene
Concen: 3.806 ng
RT: 23.08 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 657803

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	9.5	8.6	13.0

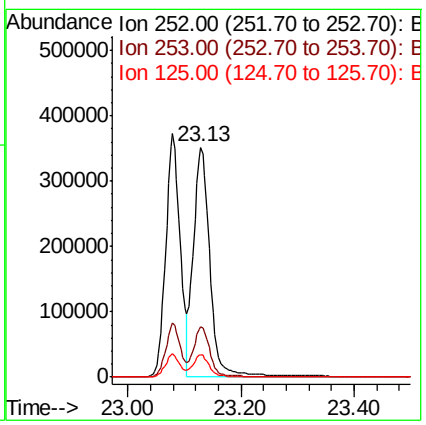


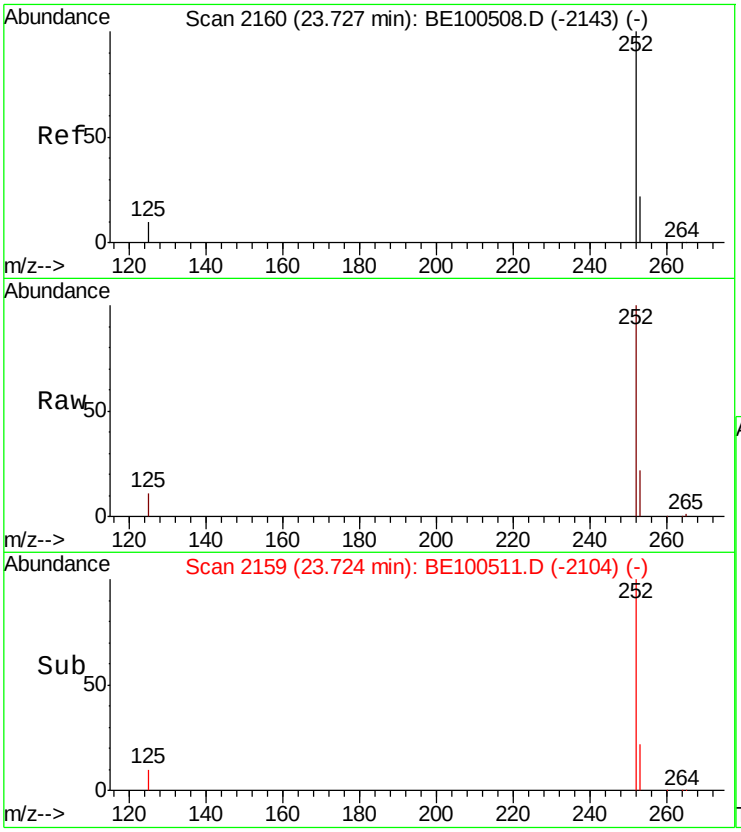


#36
Benzo(k)fluoranthene
Concen: 3.918 ng
RT: 23.13 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Tgt Ion:252 Resp: 709906

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	9.8	9.3	13.9



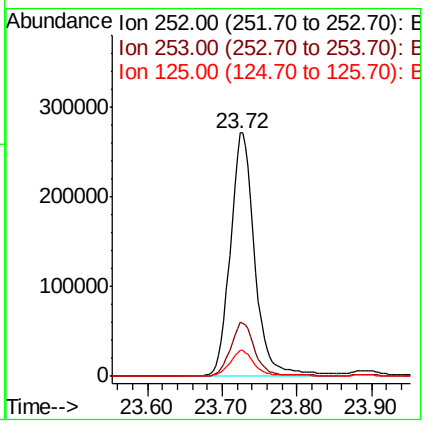


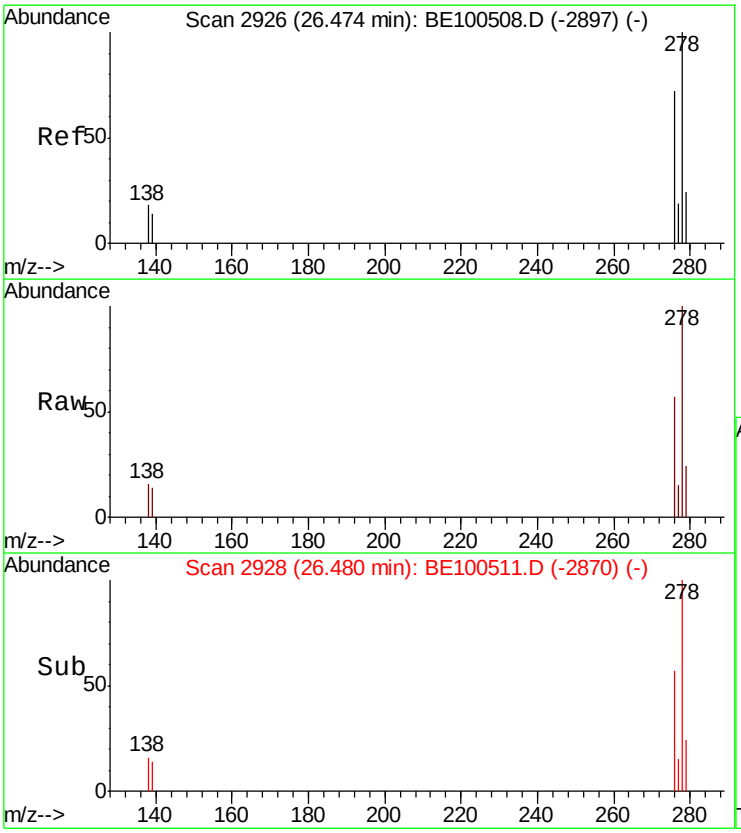
#37
Benzo(a)pyrene
Concen: 3.667 ng
RT: 23.72 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 615613

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	10.5	9.7	14.5

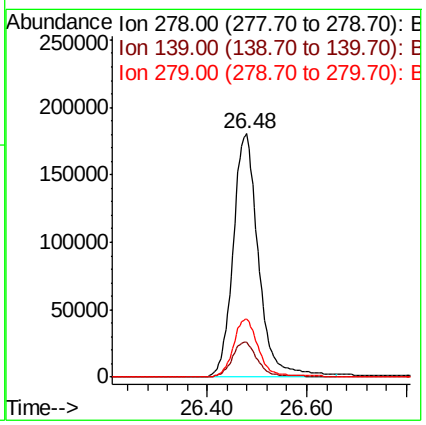


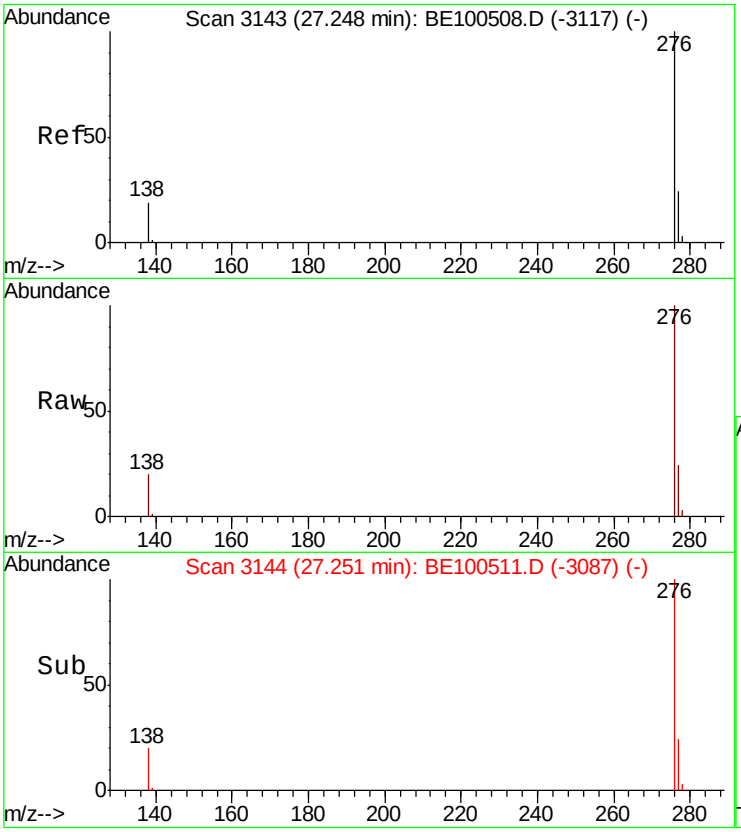


#38
Dibenzo(a,h)anthracene
Concen: 4.020 ng
RT: 26.48 min Scan# 2928
Delta R.T. 0.01 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Tgt Ion:278 Resp: 638166

Ion	Ratio	Lower	Upper
278	100		
139	14.2	12.1	18.1
279	23.8	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 3.881 ng
RT: 27.25 min Scan# 3144
Delta R.T. 0.00 min
Lab File: BE100511.D
Acq: 18 Sep 2019 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 630219

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.6	29.4
138	19.7	16.0	24.0