Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071919\
Data File : BE100463.D
Acq On : 19 Jul 2019 9:59
Operator : HP/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 19 13:33:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 13:27:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2454	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	9730	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	5941	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	16630	0.40	ng		0.01
27) Chrysene-d12	21.38	240	22768	0.40	ng		0.00
34) Perylene-d12	23.86	264	24338	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	1223	0.26	ng		0.00
5) Phenol-d6	7.04	99	1685	0.24	ng		0.00
8) Nitrobenzene-d5	9.02	82	1424	0.27	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	3071	0.21	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	419	0.31	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	5032	0.19	ng		0.00
25) Fluoranthene-d10	19.24	212	45965	0.23	ng		0.00
29) Terphenyl-d14	19.84	244	10074	0.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	837	0.231	ng	#	90
3) n-Nitrosodimethylamine	3.71	42	304	0.143	ng	#	75
6) bis(2-Chloroethyl)ether	7.30	93	1528	0.219	ng		91
9) Naphthalene	10.72	128	18428	0.194	ng		99
10) Hexachlorobutadiene	11.02	225	890	0.194	ng		98
12) 2-Methylnaphthalene	12.33	142	3076	0.194	ng		96
16) Acenaphthylene	14.23	152	5256	0.219	ng		98
17) Acenaphthene	14.56	154	3184	0.193	ng		97
18) Fluorene	15.53	166	4179	0.196	ng		97
20) 4-Bromophenyl-phenylether	16.42	248	1430	0.165	ng		95
21) Hexachlorobenzene	16.54	284	1583	0.156	ng		99
22) Pentachlorophenol	16.89	266	447	0.252	ng		98
23) Phenanthrene	17.27	178	8054	0.182	ng		99
24) Anthracene	17.35	178	7125	0.195	ng		99
26) Fluoranthene	19.27	202	12027	0.214	ng		99
28) Pyrene	19.63	202	12680	0.190	ng		99
30) Benzo(a)anthracene	21.37	228	13570	0.220	ng		98
31) Chrysene	21.42	228	13511	0.184	ng		99
32) Bis(2-ethylhexyl)phthalate	21.31	149	31612	0.713	ng		100
33) Indeno(1,2,3-cd)pyrene	26.48	276	15116	0.232	ng	#	85
35) Benzo(b)fluoranthene	23.10	252	13098	0.176	ng	#	95
36) Benzo(k)fluoranthene	23.15	252	13658	0.174	ng		96
37) Benzo(a)pyrene	23.75	252	12783	0.209	ng	#	95
38) Dibenzo(a,h)anthracene	26.52	278	12067	0.185	ng		94
39) Benzo(g,h,i)perylene	27.29	276	12601	0.185	ng		97

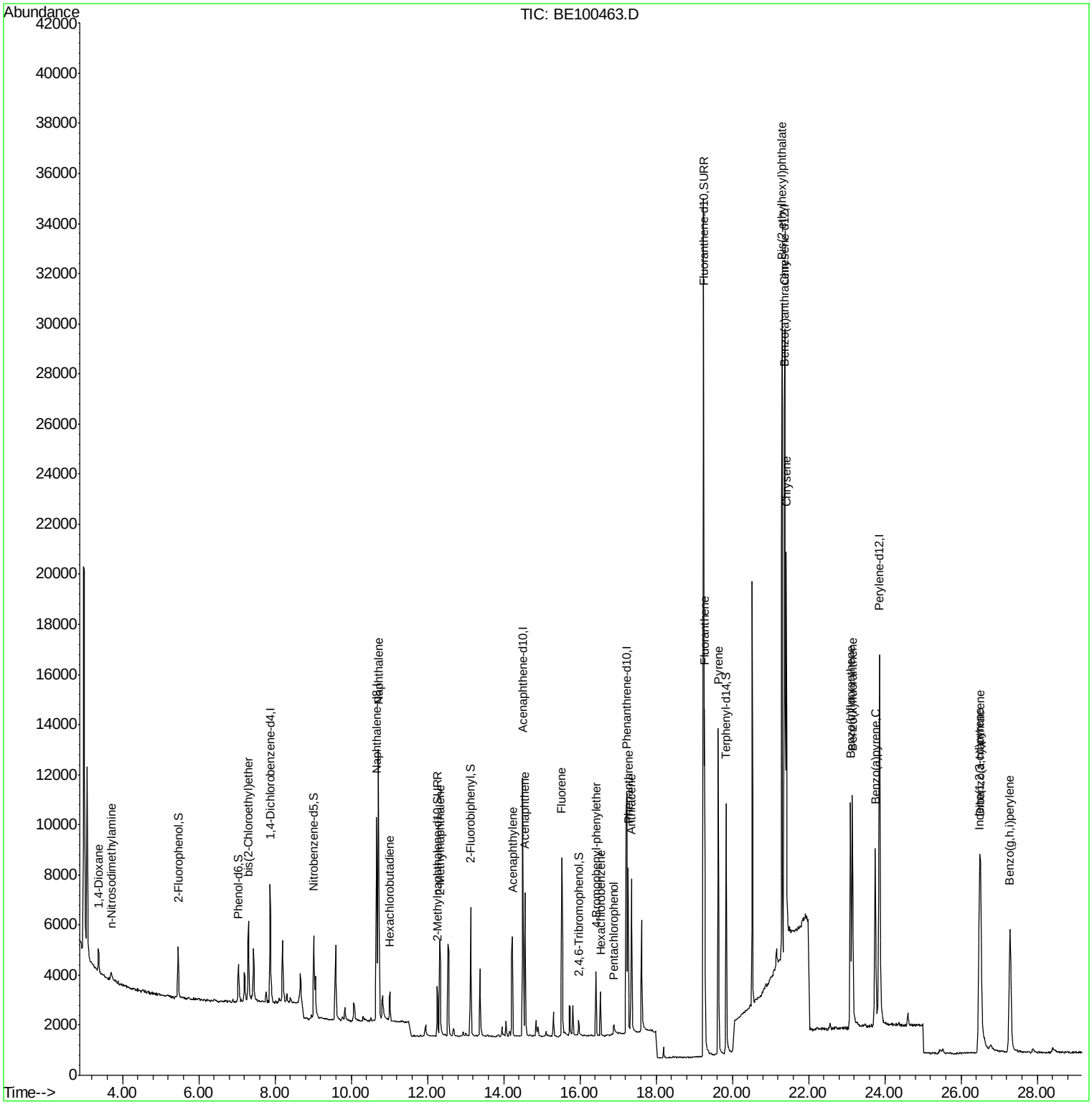
(#) = qualifier out of range (m) = manual integration (+) = signals summed

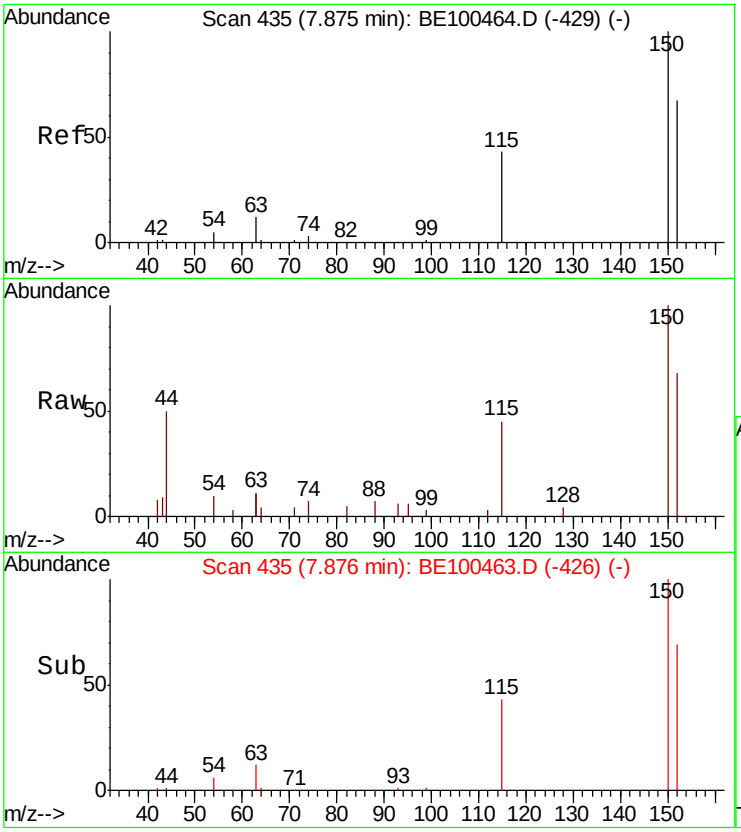
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071919\
Data File : BE100463.D
Acq On : 19 Jul 2019 9:59
Operator : HP/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 19 13:33:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 13:27:51 2019
Response via : Initial Calibration



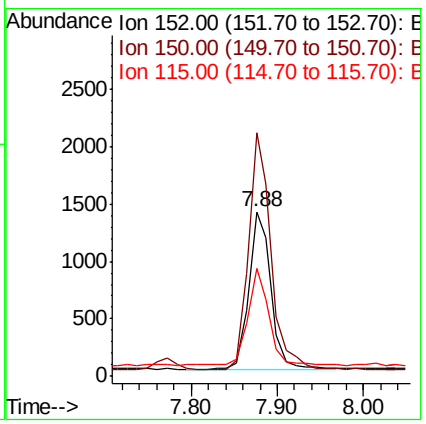


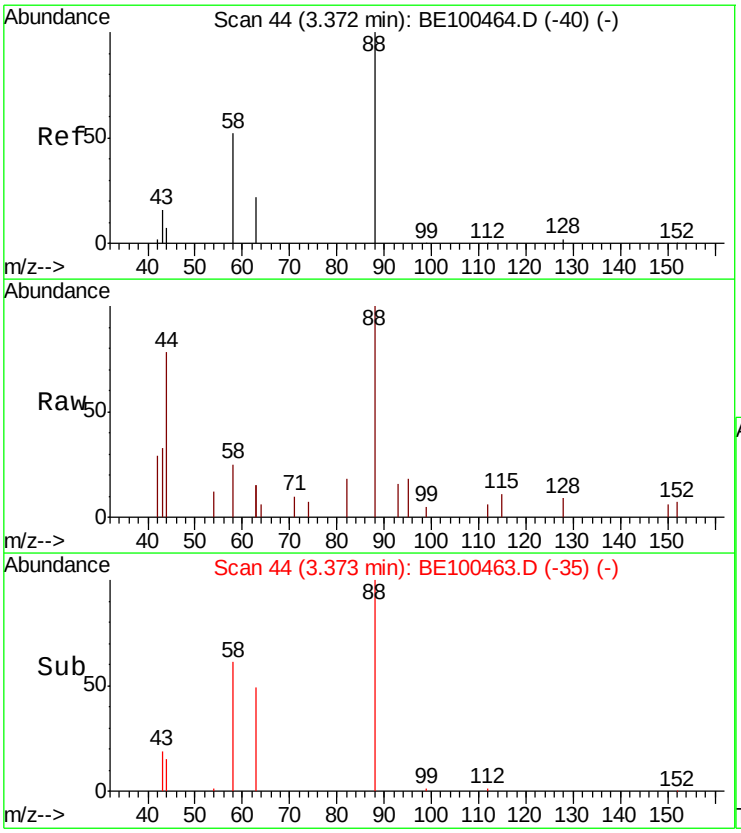
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. 0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2454

Ion	Ratio	Lower	Upper
152	100		
150	147.8	117.6	176.4
115	65.8	54.9	82.3

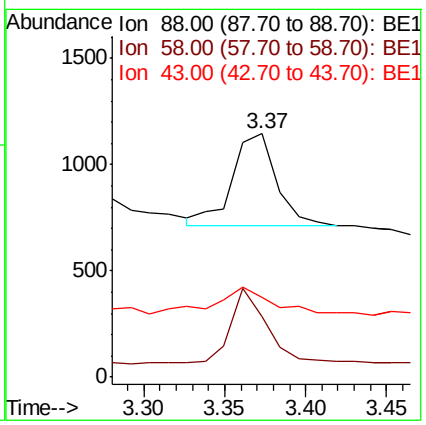


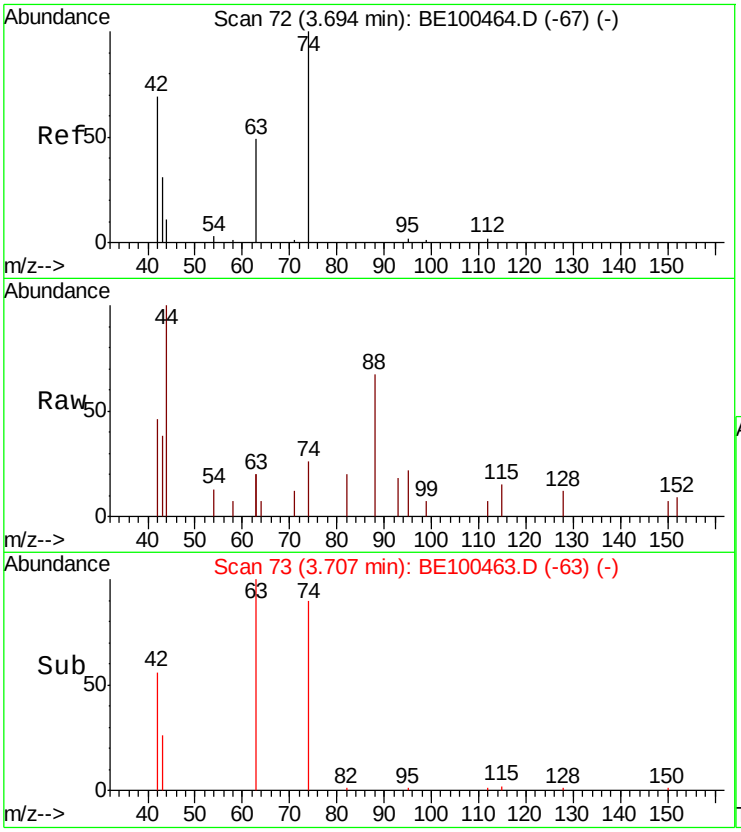


#2
1,4-Dioxane
Concen: 0.231 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Tgt Ion: 88 Resp: 837

Ion	Ratio	Lower	Upper
88	100		
58	65.6	50.2	75.4
43	36.6	19.1	28.7#



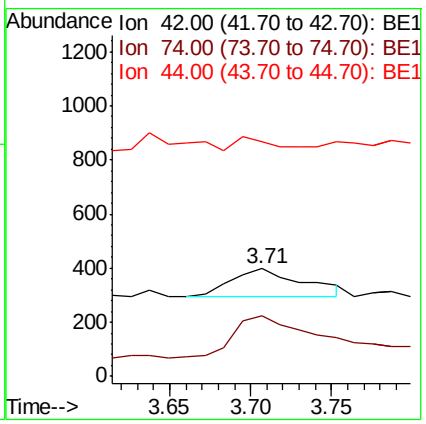


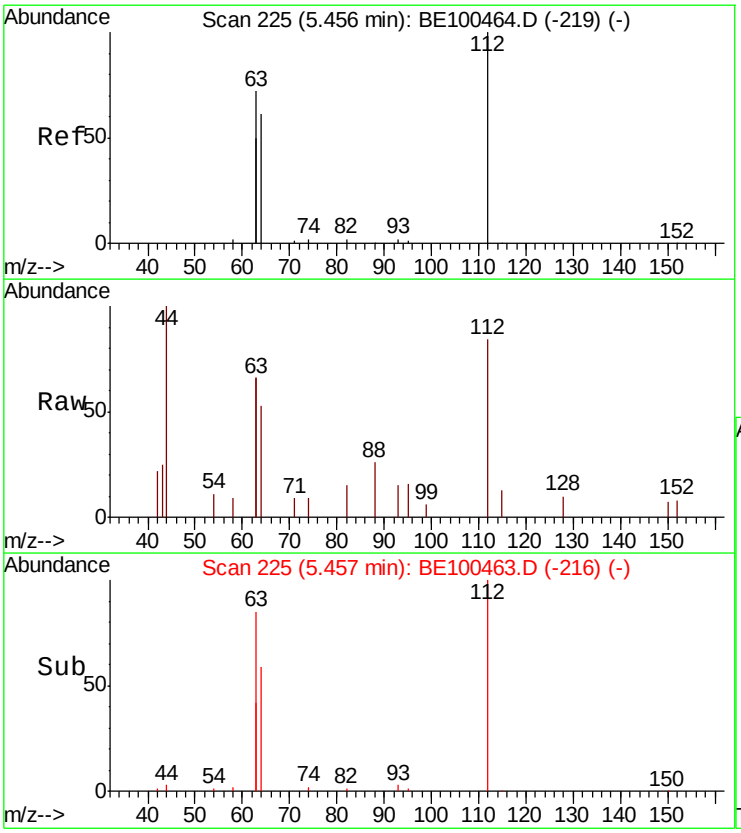
#3
n-Nitrosodimethylamine
Concen: 0.143 ng
RT: 3.71 min Scan# 73
Delta R.T. 0.01 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 304

Ion	Ratio	Lower	Upper
42	100		
74	161.5	105.8	158.8#
44	25.0	0.0	0.0#

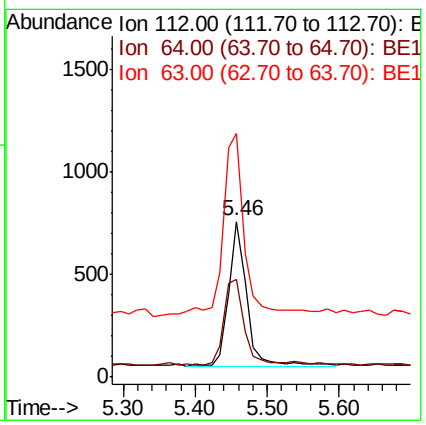


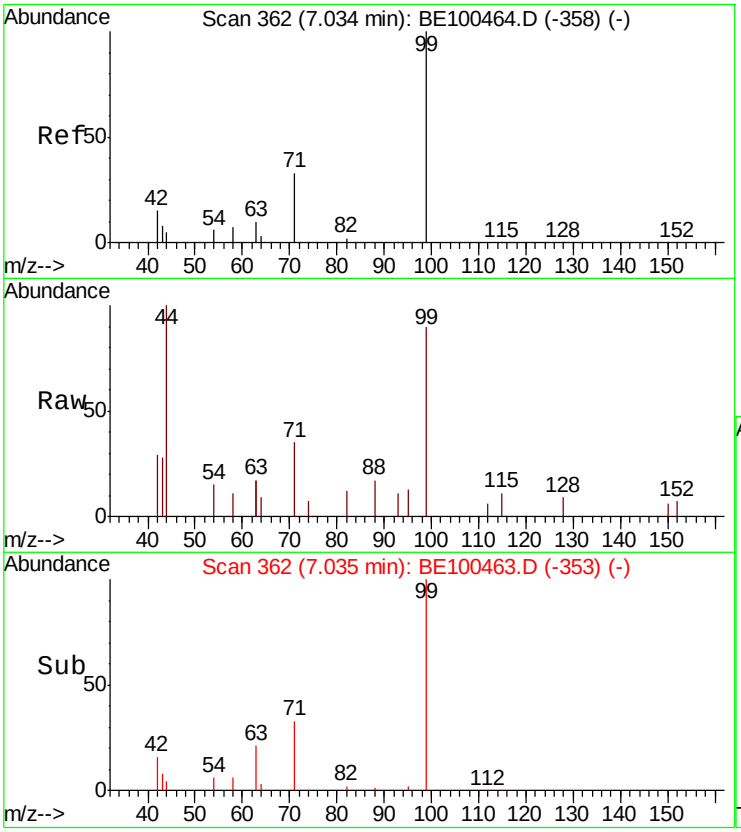


#4
2-Fluorophenol
Concen: 0.262 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Tgt Ion:112 Resp: 1223

Ion	Ratio	Lower	Upper
112	100		
64	67.2	51.9	77.9
63	143.7	103.9	155.9



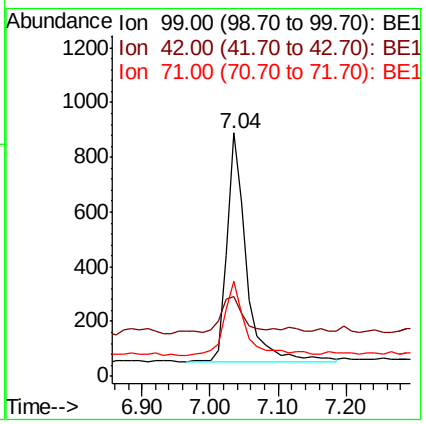


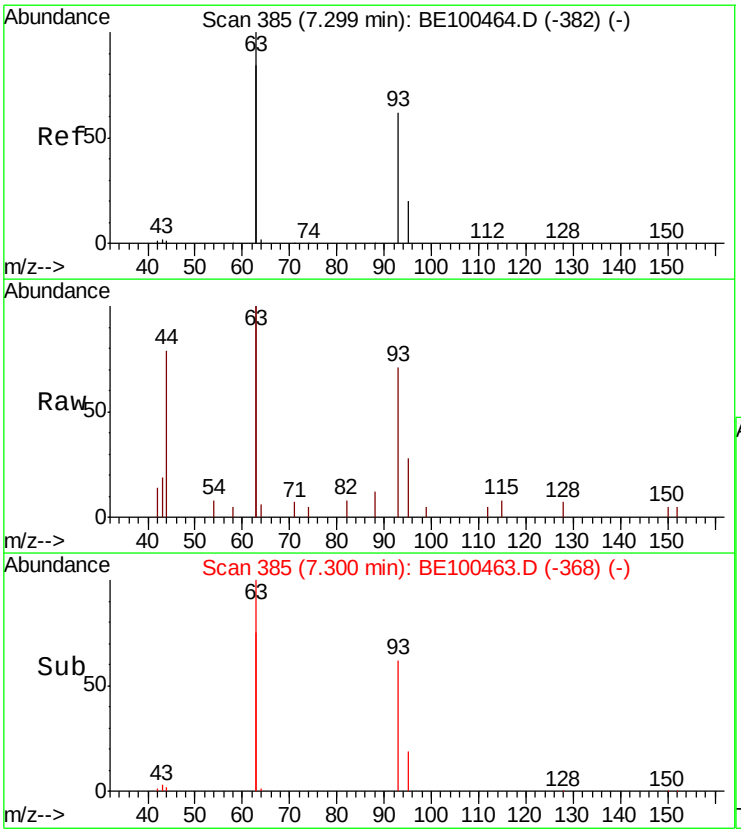
#5
Phenol-d6
Concen: 0.244 ng
RT: 7.04 min Scan# 362
Delta R.T. 0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1685

Ion	Ratio	Lower	Upper
99	100		
42	16.4	16.2	24.4
71	33.9	26.0	39.0

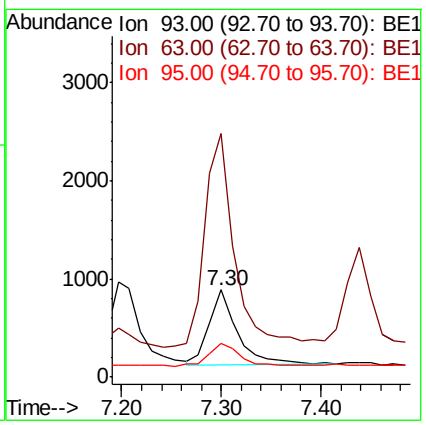


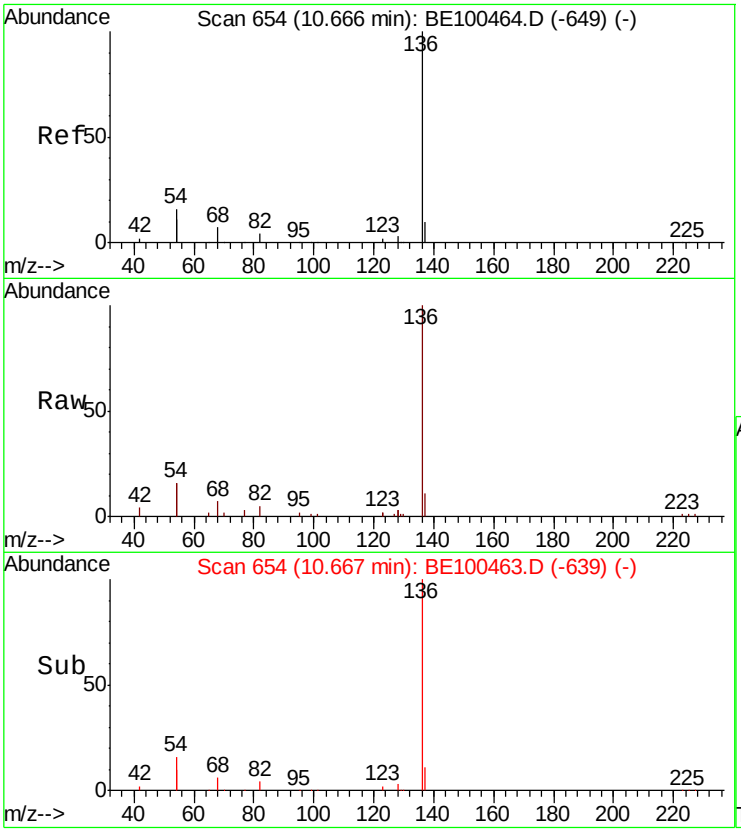


#6
bis(2-Chloroethyl)ether
Concen: 0.219 ng
RT: 7.30 min Scan# 385
Delta R.T. 0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Tgt Ion: 93 Resp: 1528

Ion	Ratio	Lower	Upper
93	100		
63	291.9	248.4	372.6
95	33.1	24.7	37.1



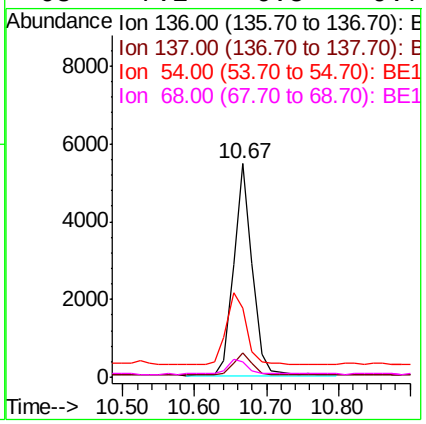


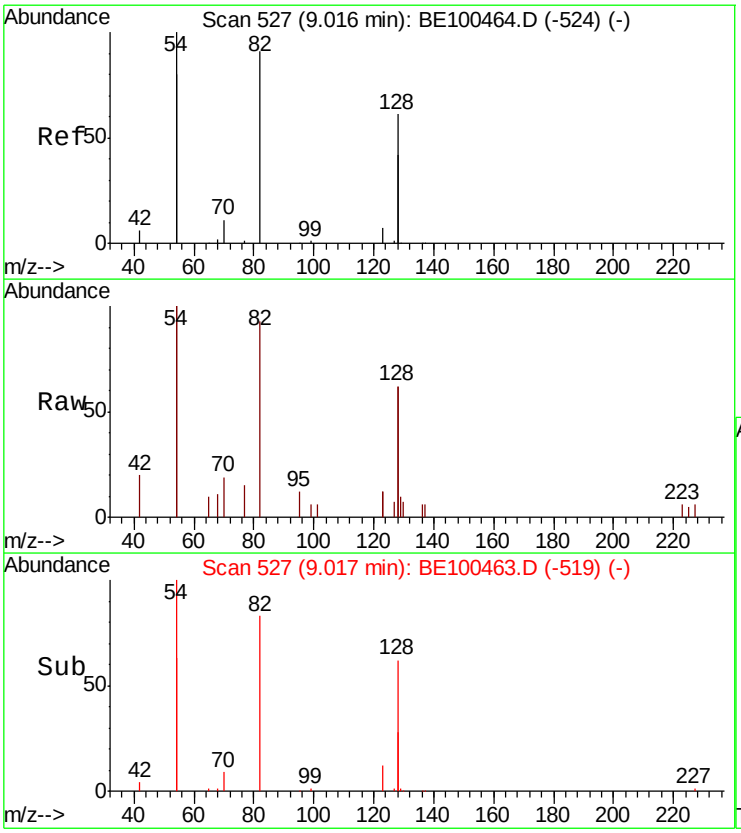
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 9730

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	32.1	26.2	39.2
68	7.2	6.5	9.7

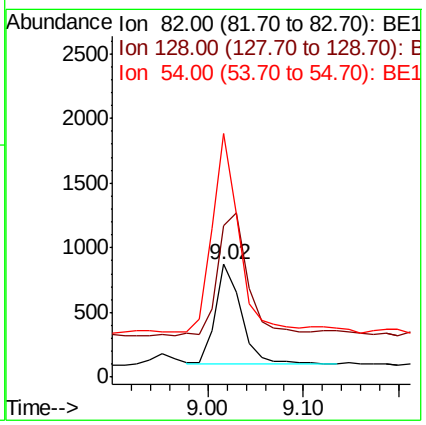


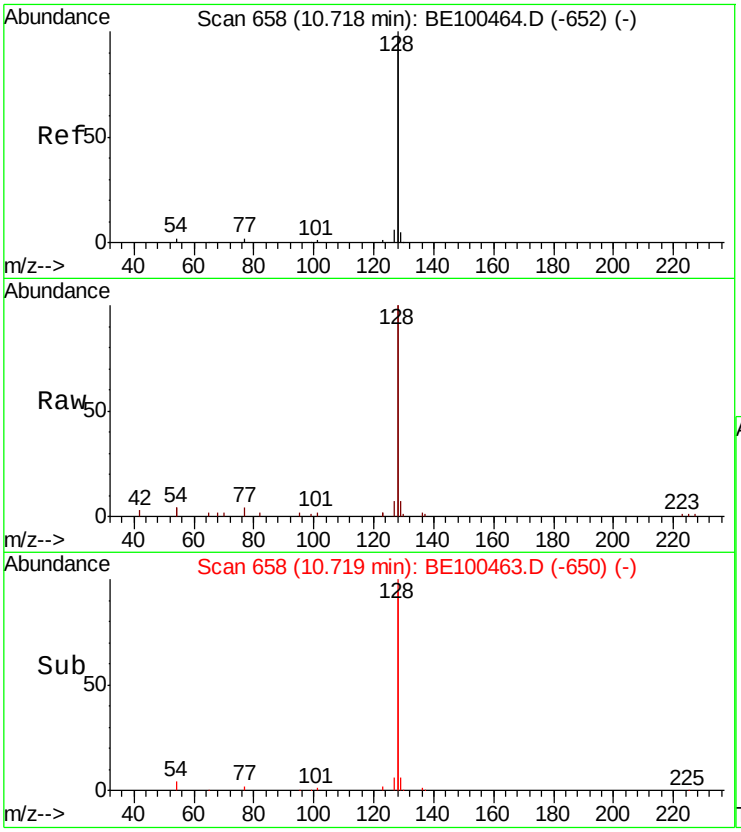


#8
Nitrobenzene-d5
Concen: 0.265 ng
RT: 9.02 min Scan# 527
Delta R.T. 0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Tgt Ion: 82 Resp: 1424

Ion	Ratio	Lower	Upper
82	100		
128	135.0	100.7	151.1
54	216.1	164.4	246.6



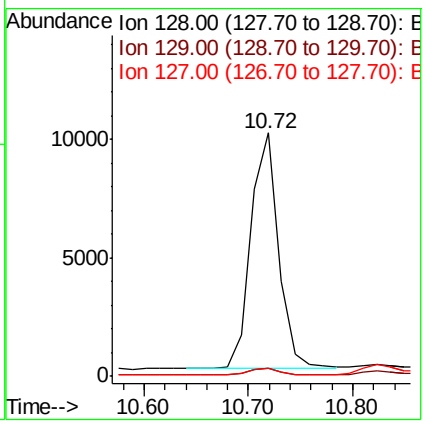


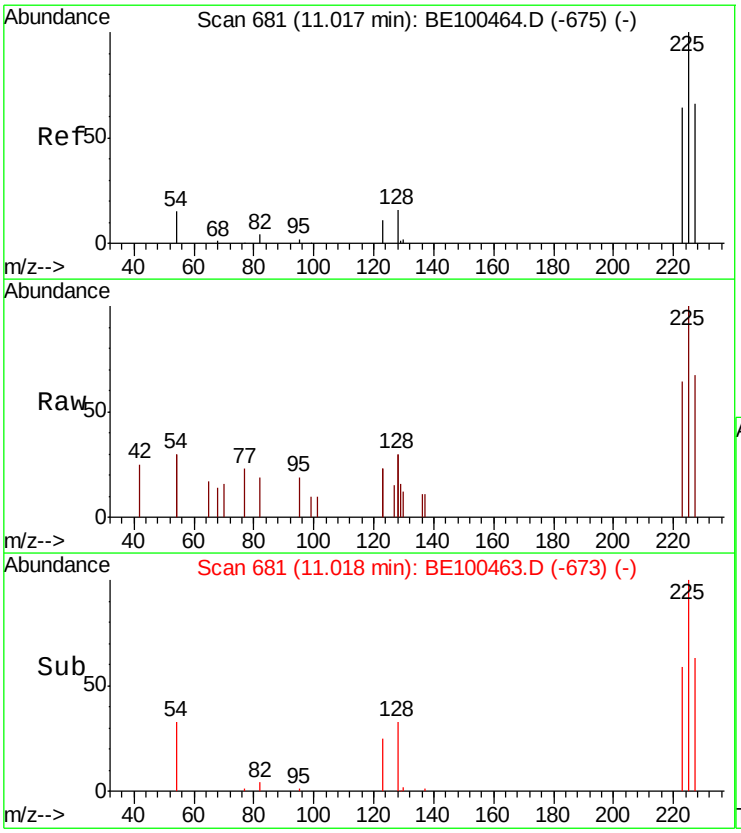
#9
Naphthalene
Concen: 0.194 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 18428

Ion	Ratio	Lower	Upper
128	100		
129	3.5	2.4	3.6
127	3.6	2.6	4.0

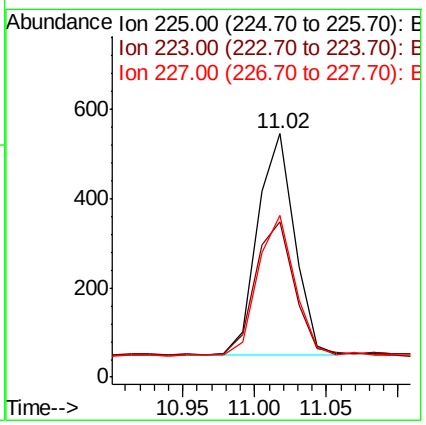


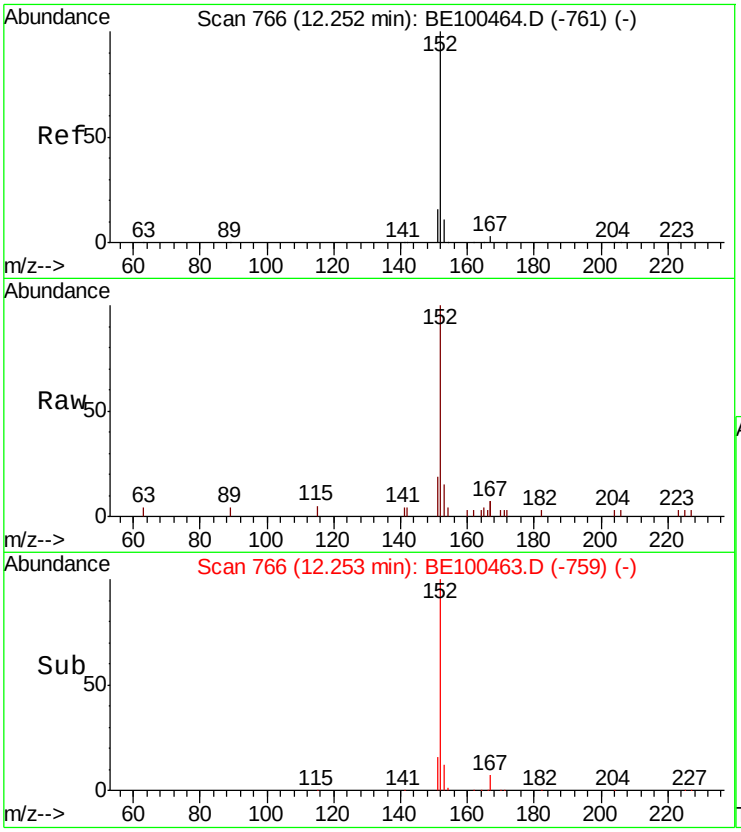


#10
Hexachlorobutadiene
Concen: 0.194 ng
RT: 11.02 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Tgt Ion:225 Resp: 890

Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.7	77.5
227	65.2	50.9	76.3



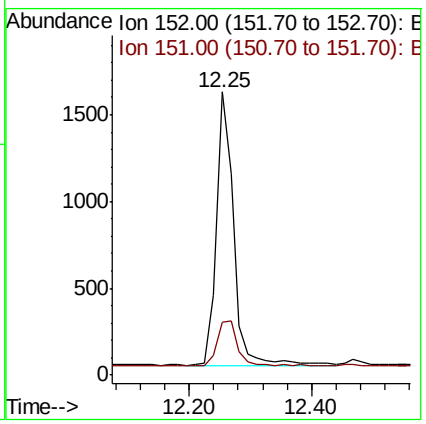


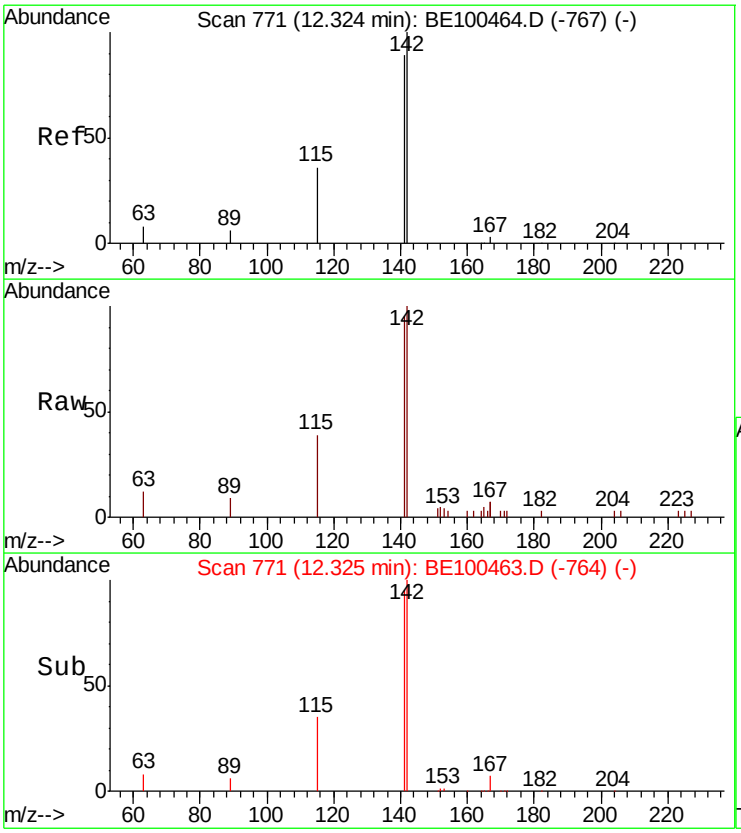
#11
2-Methylnaphthalene-d10
Concen: 0.209 ng
RT: 12.25 min Scan# 766
Delta R.T. 0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3071

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6

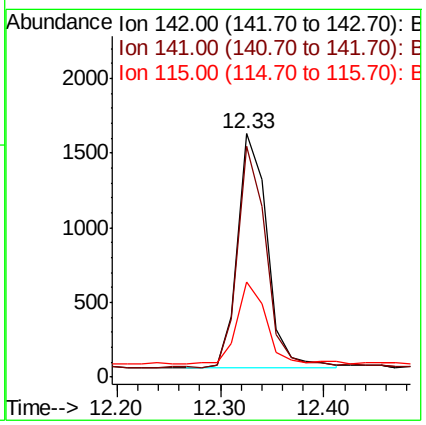


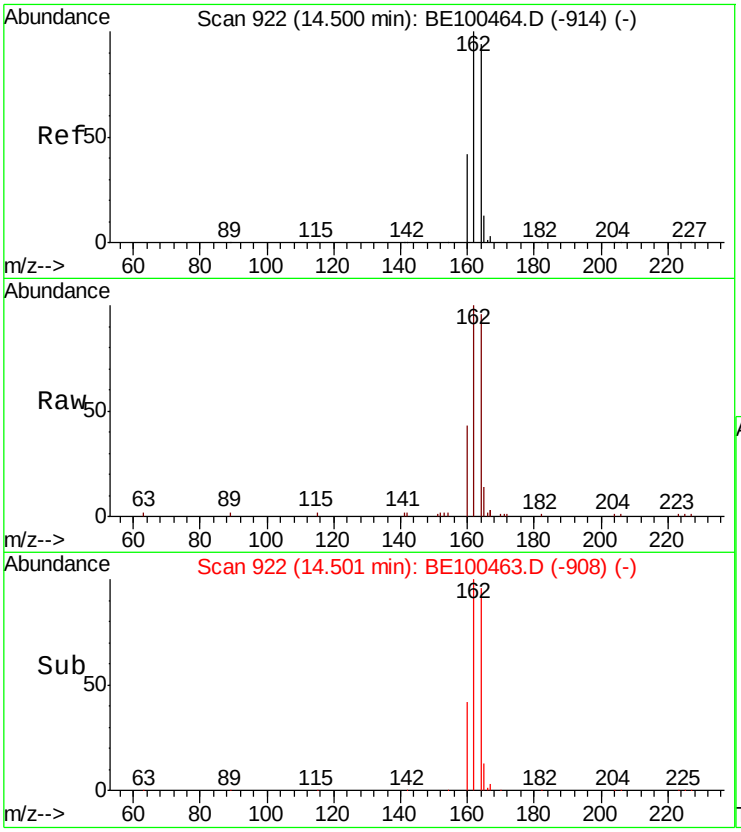


#12
2-Methylnaphthalene
Concen: 0.194 ng
RT: 12.33 min Scan# 771
Delta R.T. 0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Tgt Ion:142 Resp: 3076

Ion	Ratio	Lower	Upper
142	100		
141	94.8	71.7	107.5
115	38.9	30.4	45.6



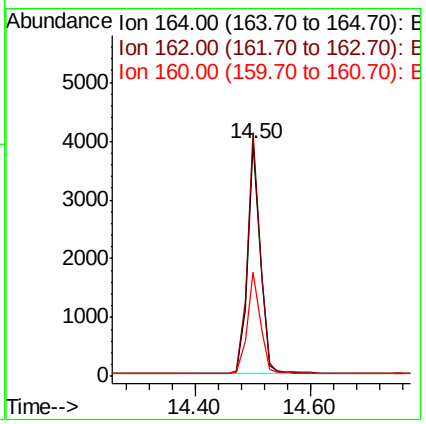


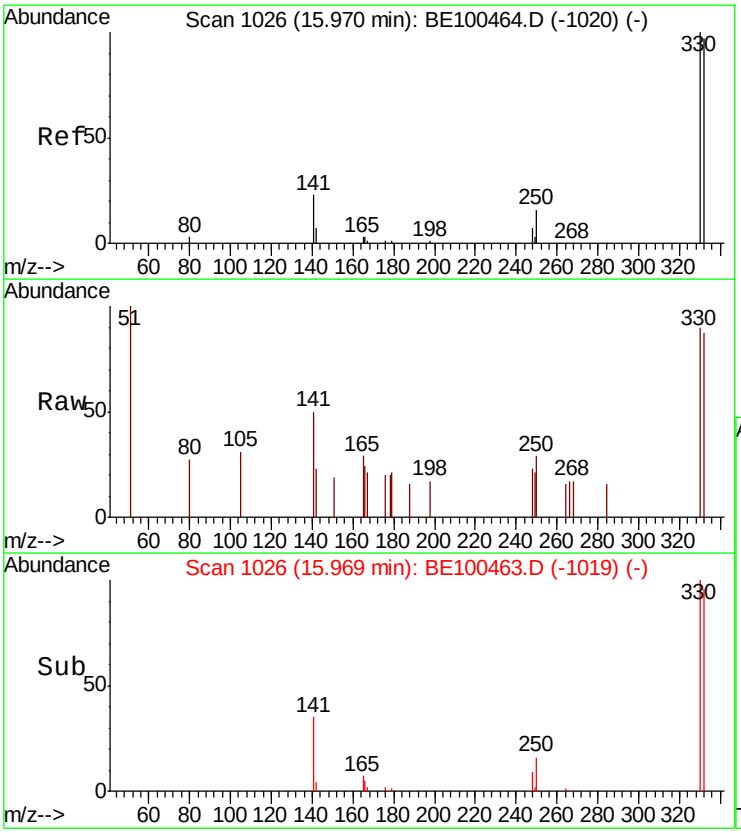
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. 0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 5941

Ion	Ratio	Lower	Upper
164	100		
162	104.6	85.0	127.6
160	44.9	36.2	54.2

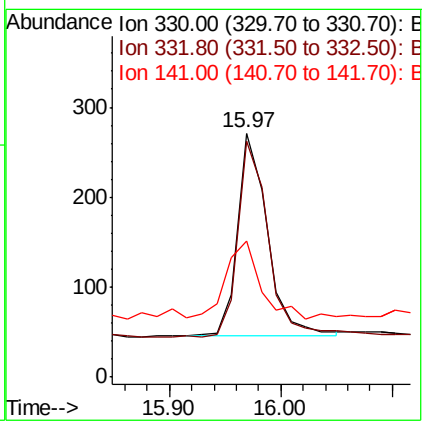


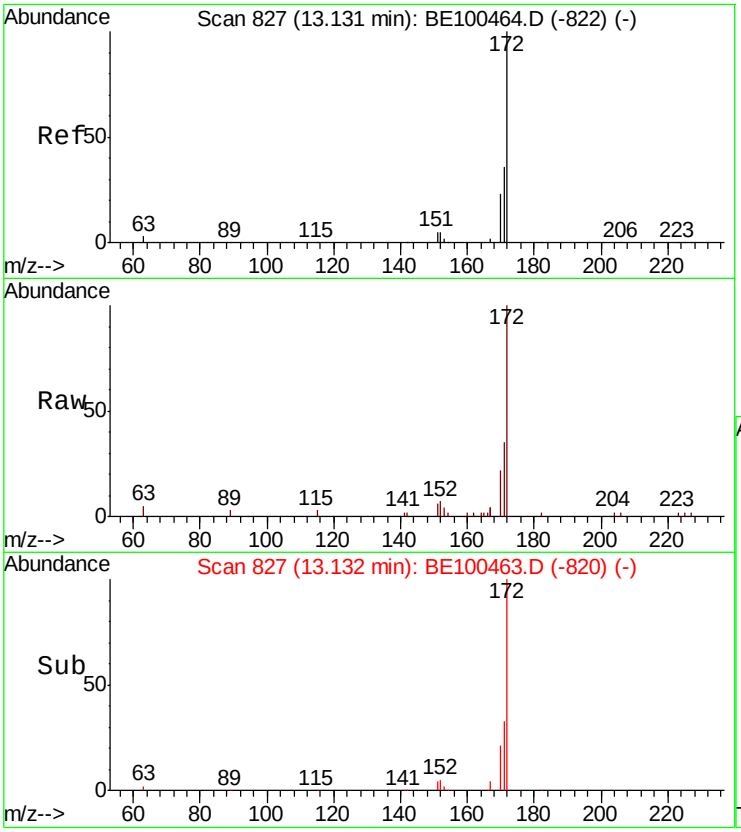


#14
2,4,6-Tribromophenol
Concen: 0.312 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Tgt Ion:330 Resp: 419

Ion	Ratio	Lower	Upper
330	100		
332	103.1	76.3	114.5
141	44.6	29.4	44.2#



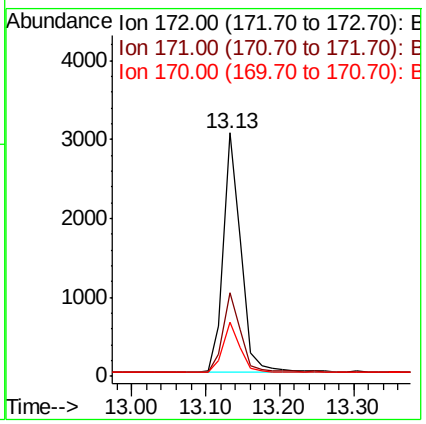


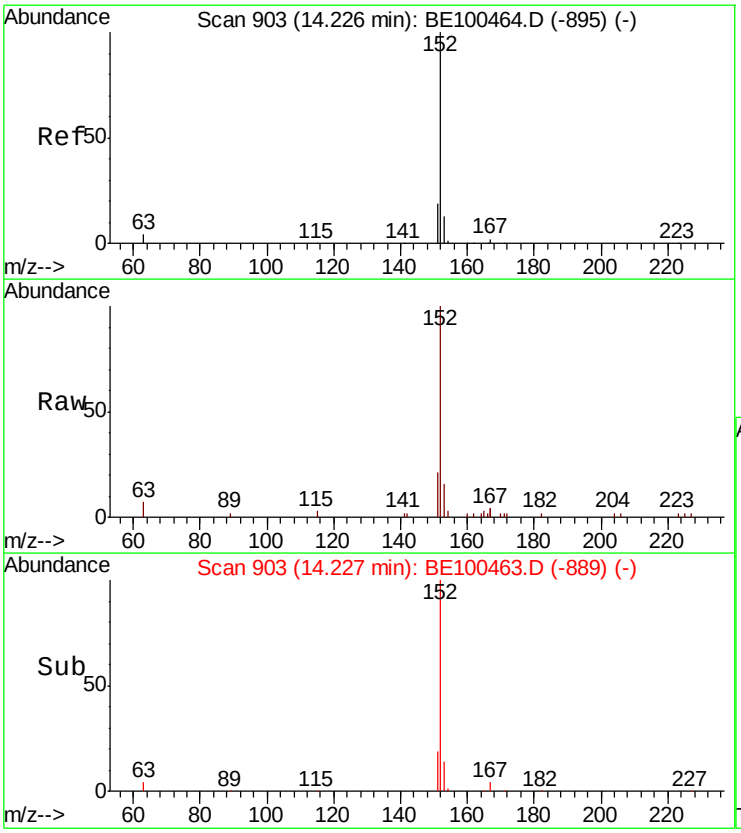
#15
2-Fluorobiphenyl
Concen: 0.189 ng
RT: 13.13 min Scan# 827
Delta R.T. 0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 5032

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.2	43.8
170	22.2	18.8	28.2

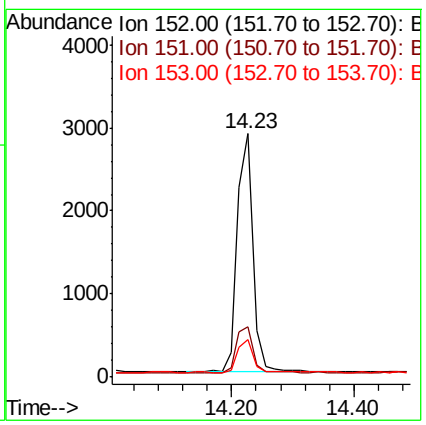


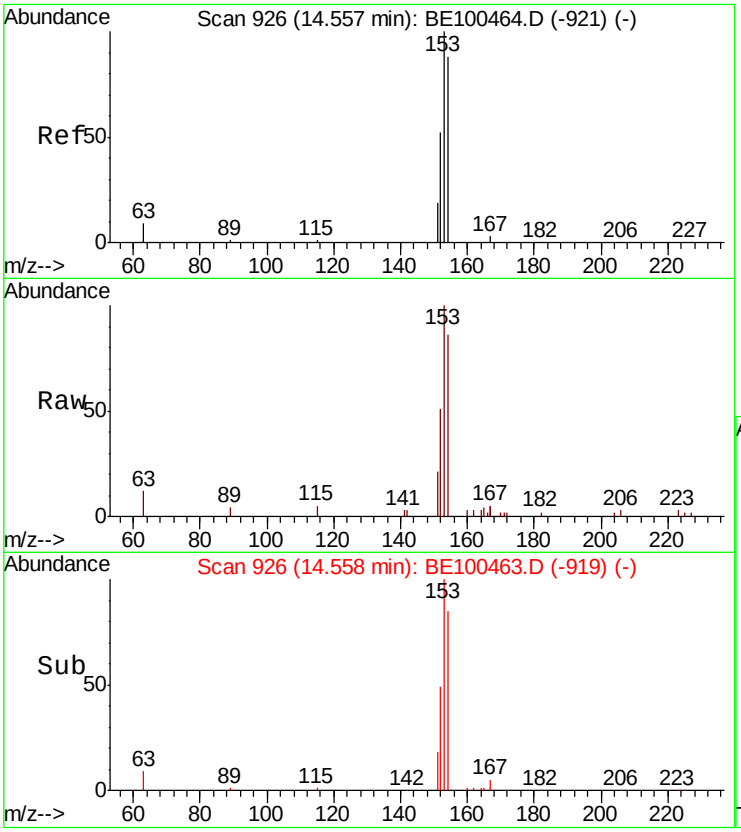


#16
Acenaphthylene
Concen: 0.219 ng
RT: 14.23 min Scan# 903
Delta R.T. 0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Tgt Ion:152 Resp: 5256

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.5	23.3
153	13.9	10.6	15.8



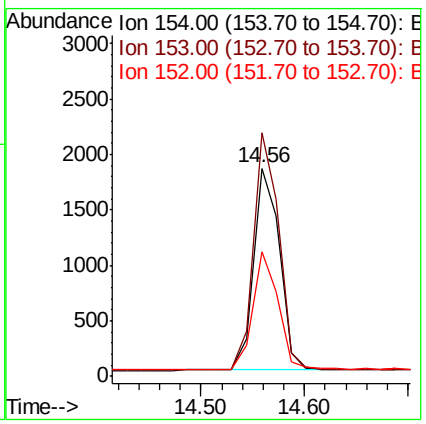


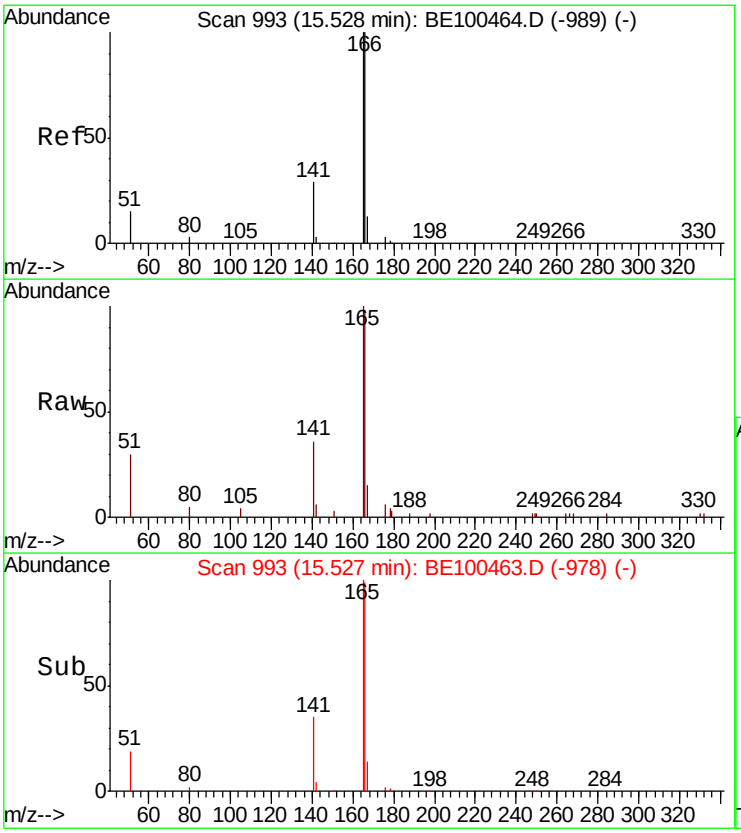
#17
Acenaphthene
Concen: 0.193 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3184

Ion	Ratio	Lower	Upper
154	100		
153	115.1	89.4	134.2
152	57.6	44.4	66.6

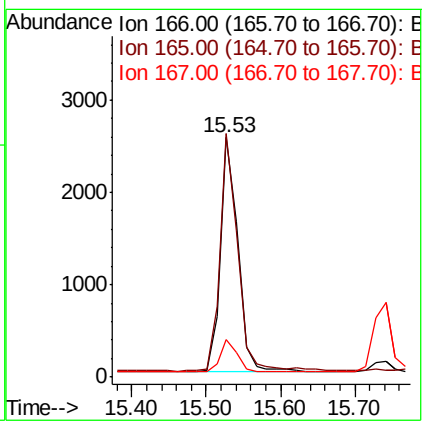


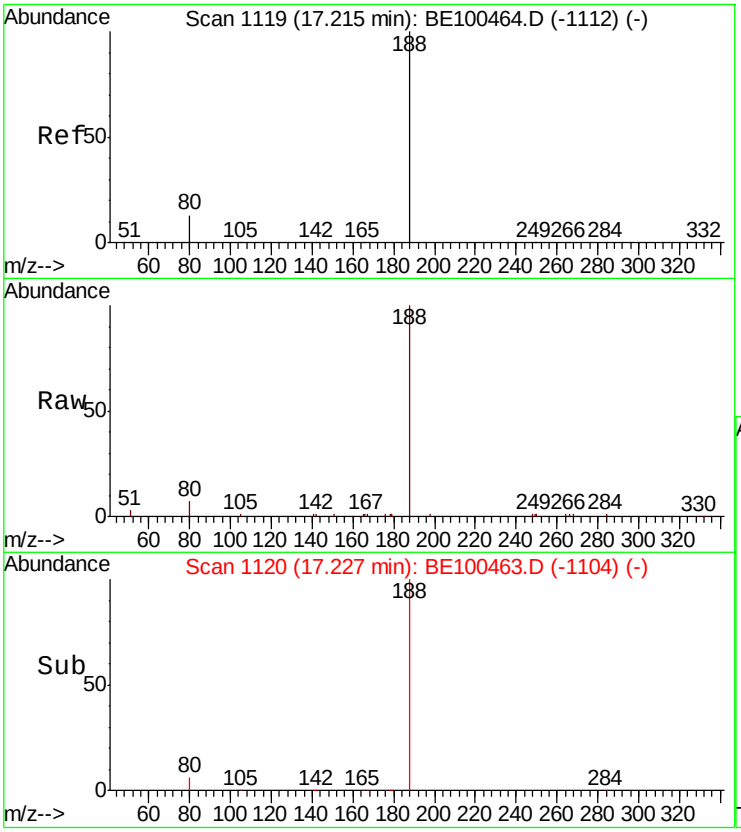


#18
Fluorene
Concen: 0.196 ng
RT: 15.53 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Tgt Ion:166 Resp: 4179

Ion	Ratio	Lower	Upper
166	100		
165	103.1	79.8	119.8
167	14.1	10.4	15.6



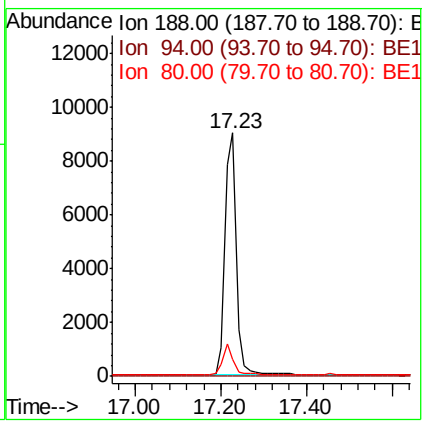


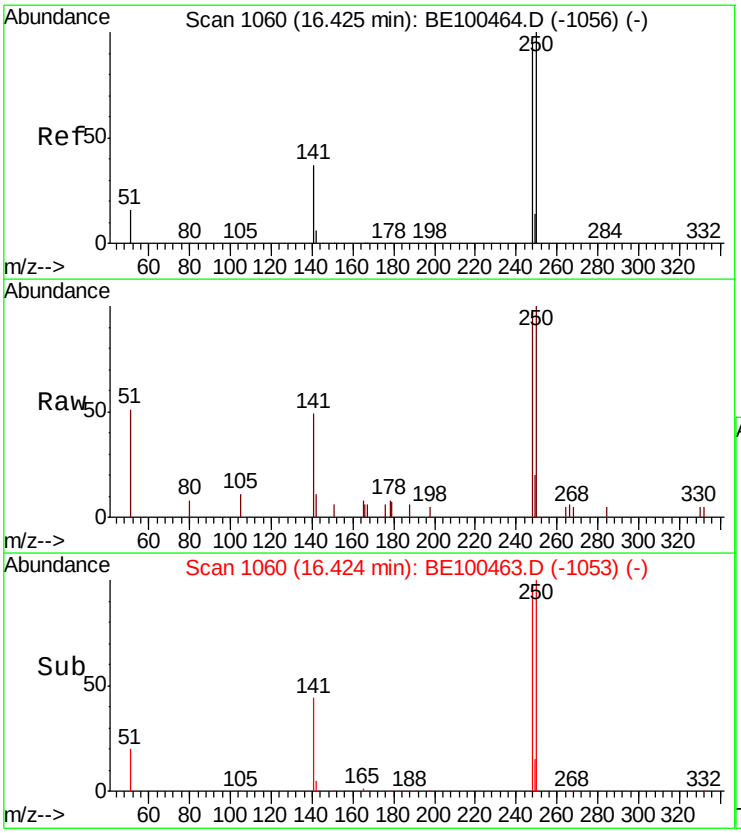
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 16630

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.9	10.7	16.1#

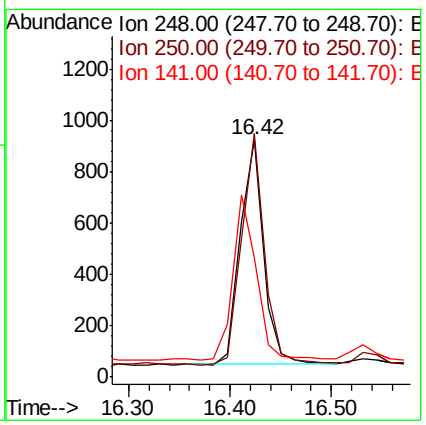


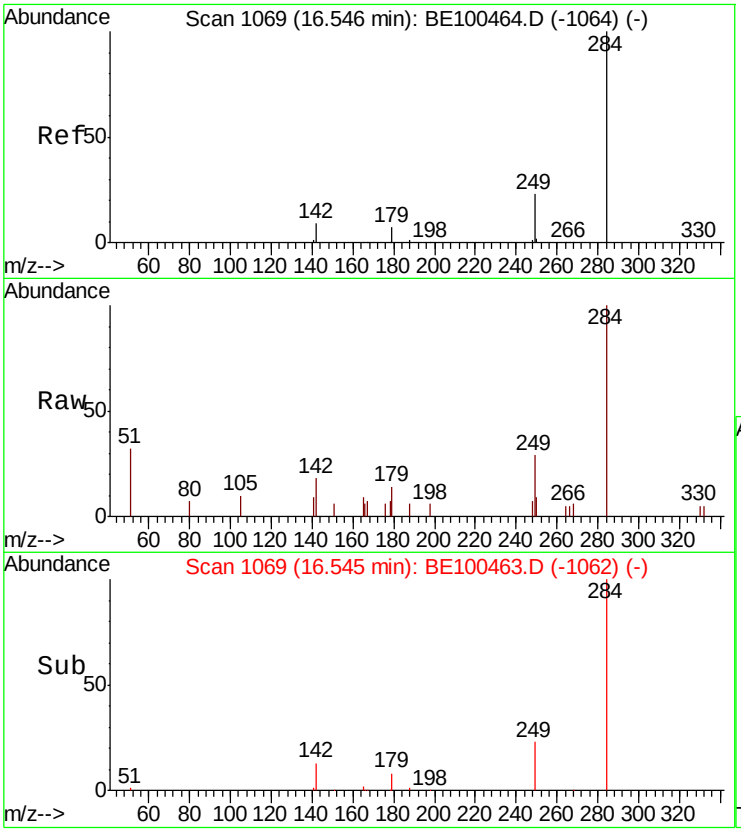


#20
4-Bromophenyl-phenylether
Concen: 0.165 ng
RT: 16.42 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Tgt Ion:248 Resp: 1430

Ion	Ratio	Lower	Upper
248	100		
250	102.5	83.9	125.9
141	50.0	33.7	50.5



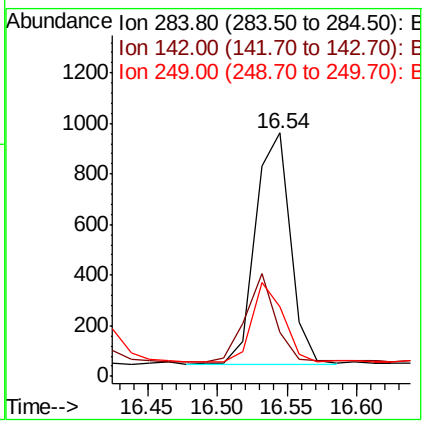


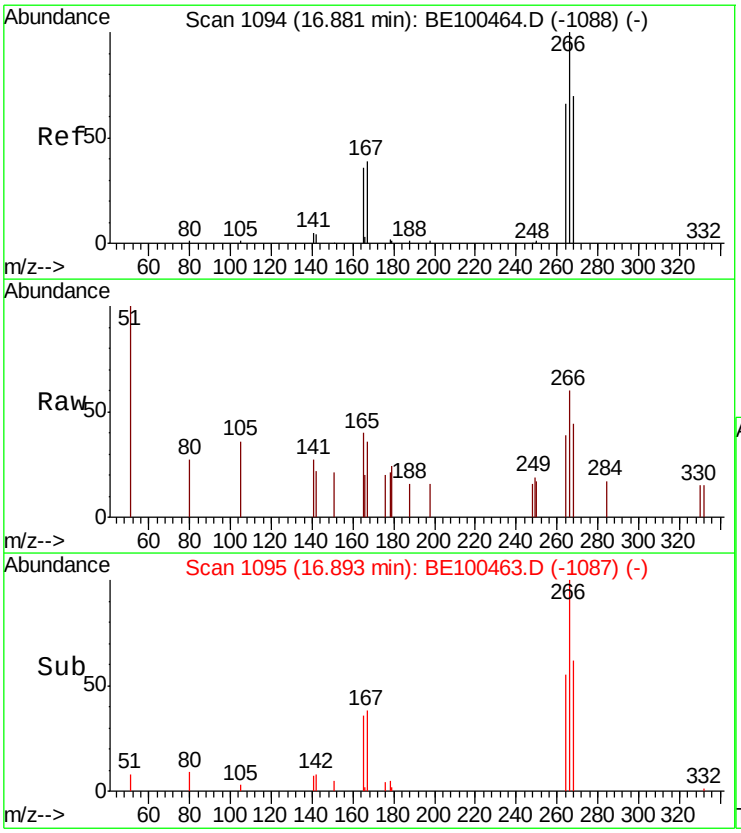
#21
Hexachlorobenzene
Concen: 0.156 ng
RT: 16.54 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1583

Ion	Ratio	Lower	Upper
284	100		
142	33.2	27.4	41.2
249	31.1	25.1	37.7

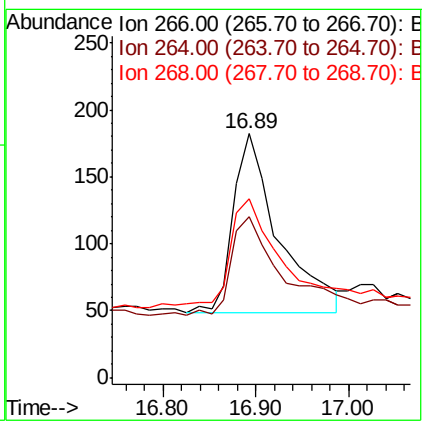


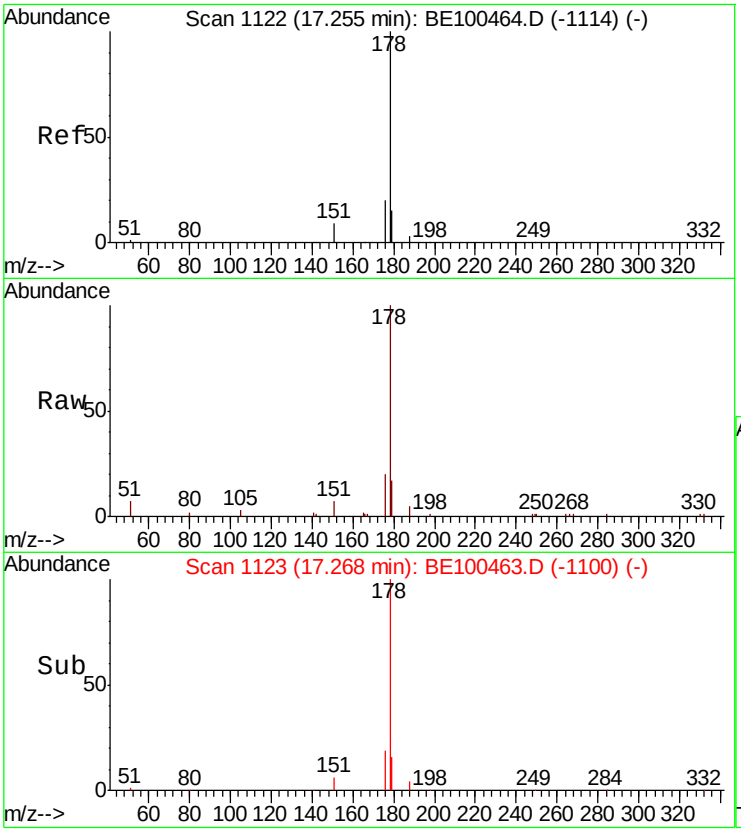


#22
Pentachlorophenol
Concen: 0.252 ng
RT: 16.89 min Scan# 1095
Delta R.T. 0.01 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Tgt Ion:266 Resp: 447

Ion	Ratio	Lower	Upper
266	100		
264	65.9	55.5	83.3
268	73.6	59.2	88.8



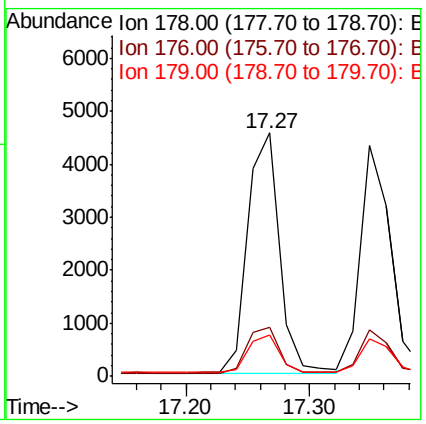


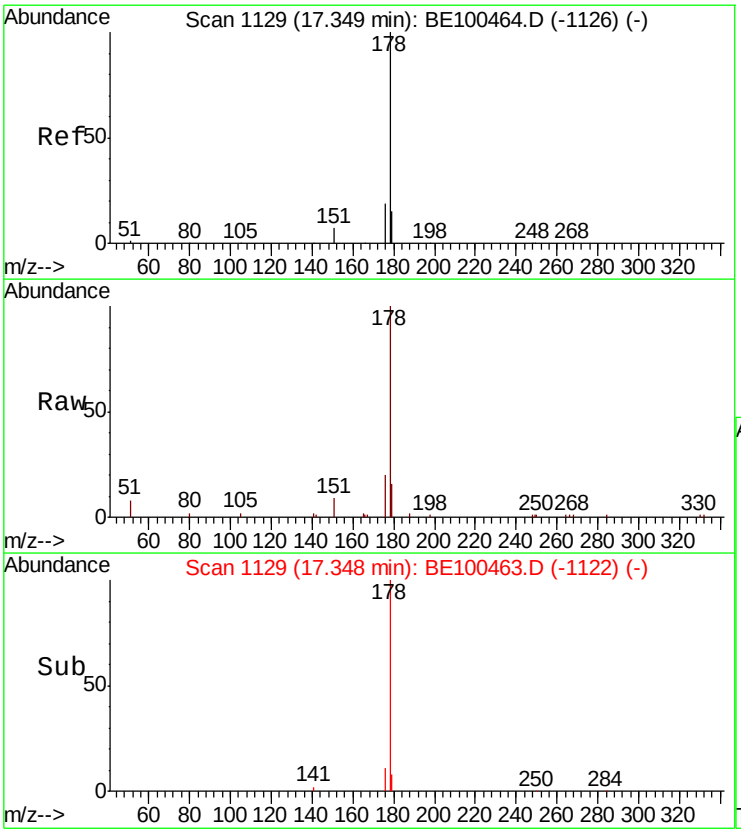
#23
Phenanthrene
Concen: 0.182 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 8054

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.9	12.5	18.7

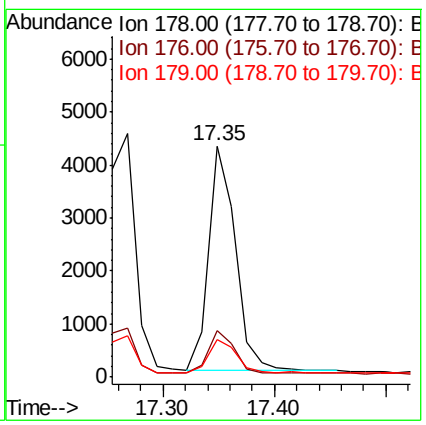


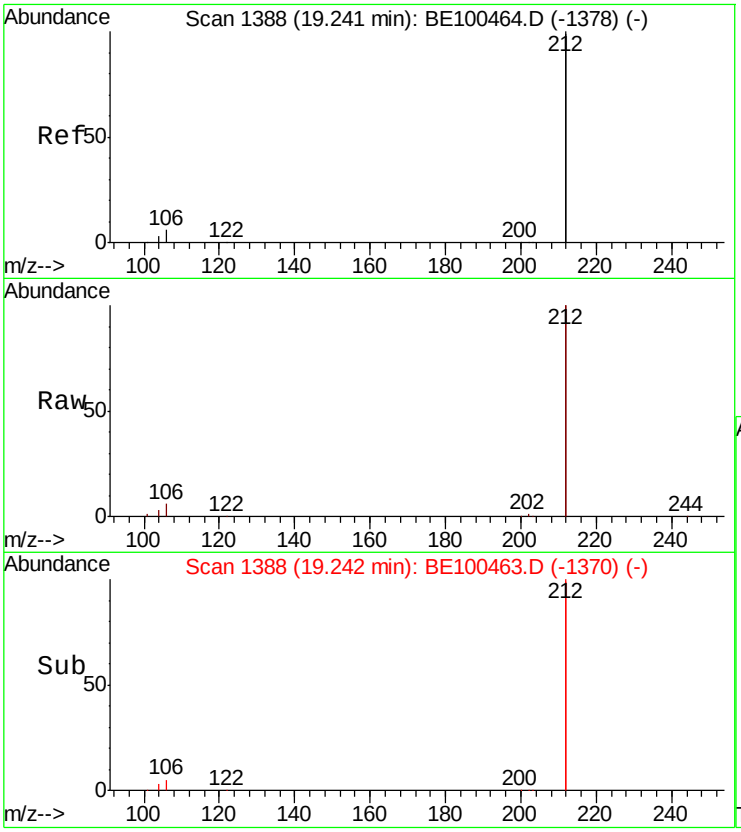


#24
Anthracene
Concen: 0.195 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Tgt Ion:178 Resp: 7125

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.6
179	15.1	12.2	18.2



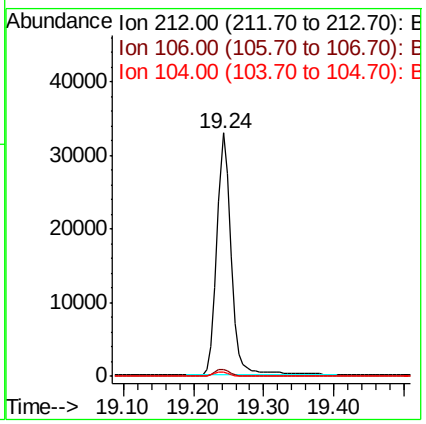


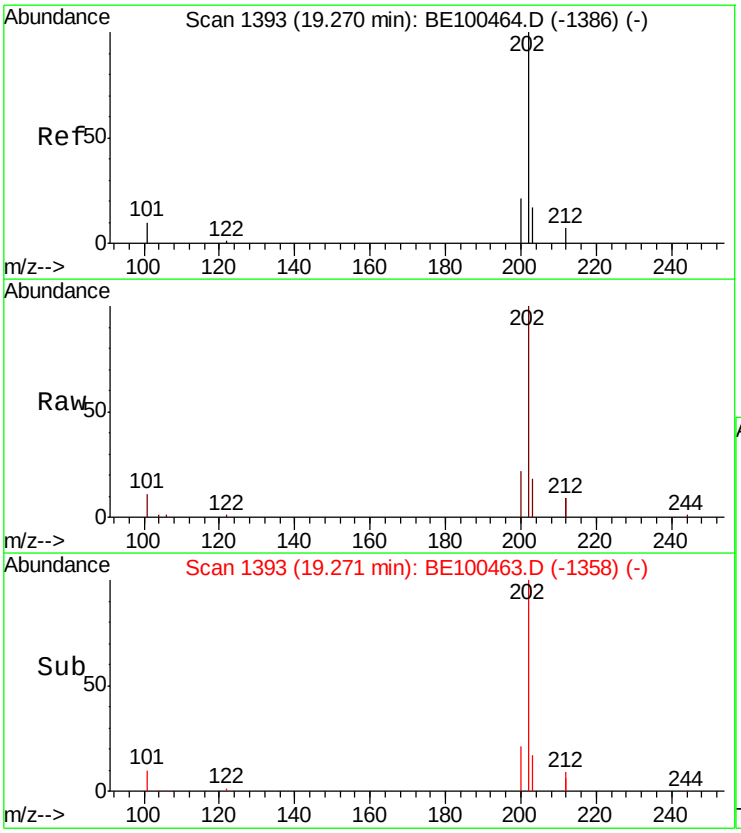
#25
Fluoranthene-d10
Concen: 0.232 ng
RT: 19.24 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 45965

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.2	3.2
104	1.5	1.2	1.8

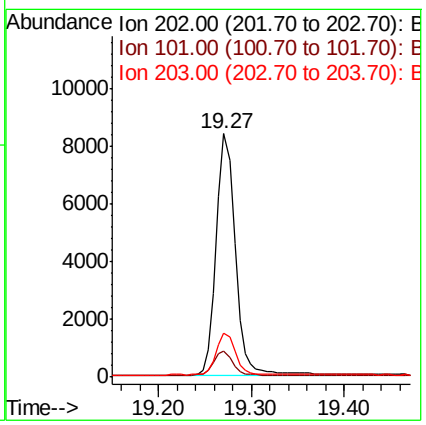


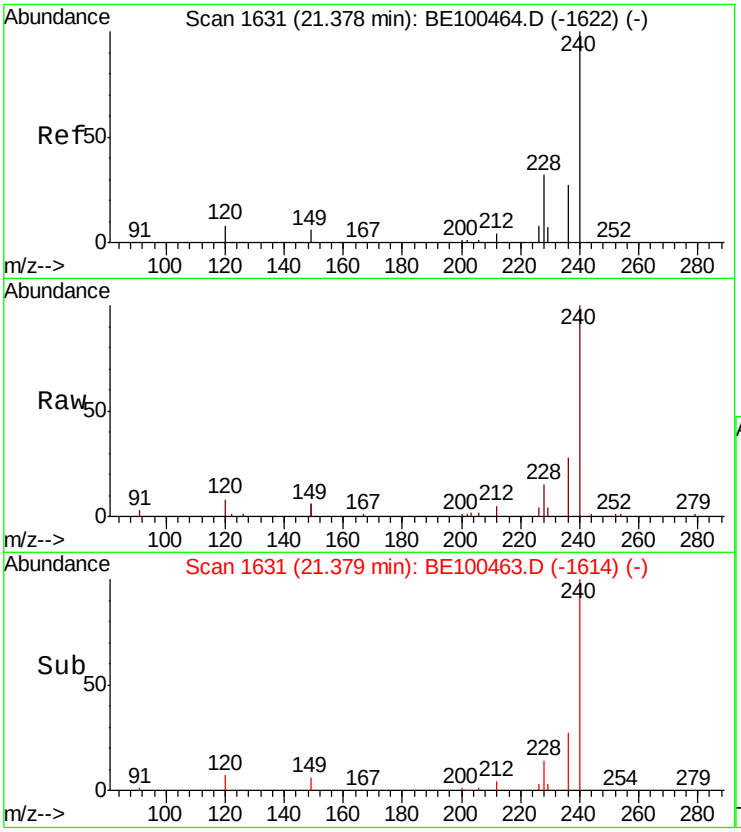


#26
Fluoranthene
Concen: 0.214 ng
RT: 19.27 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Tgt Ion:202 Resp: 12027

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.3	12.5
203	17.2	13.6	20.4



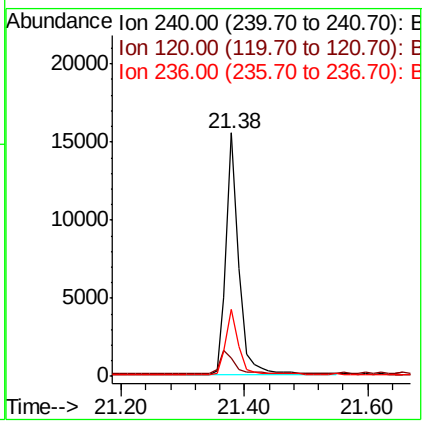


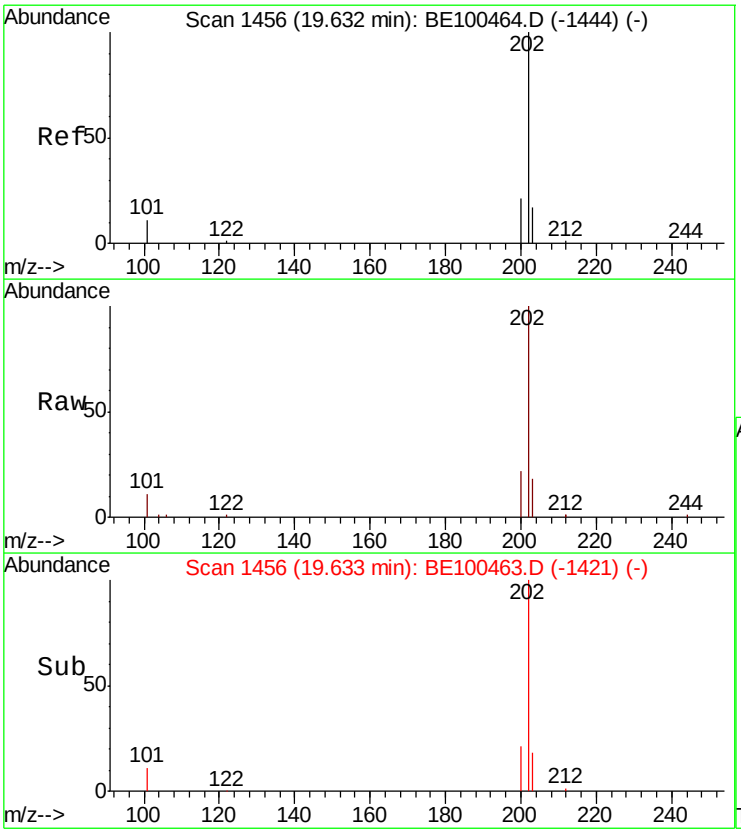
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 22768

Ion	Ratio	Lower	Upper
240	100		
120	7.7	7.1	10.7
236	27.6	21.7	32.5

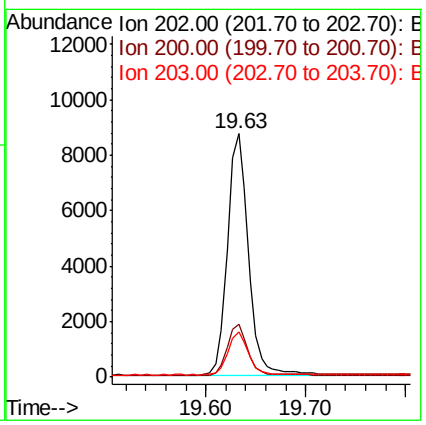


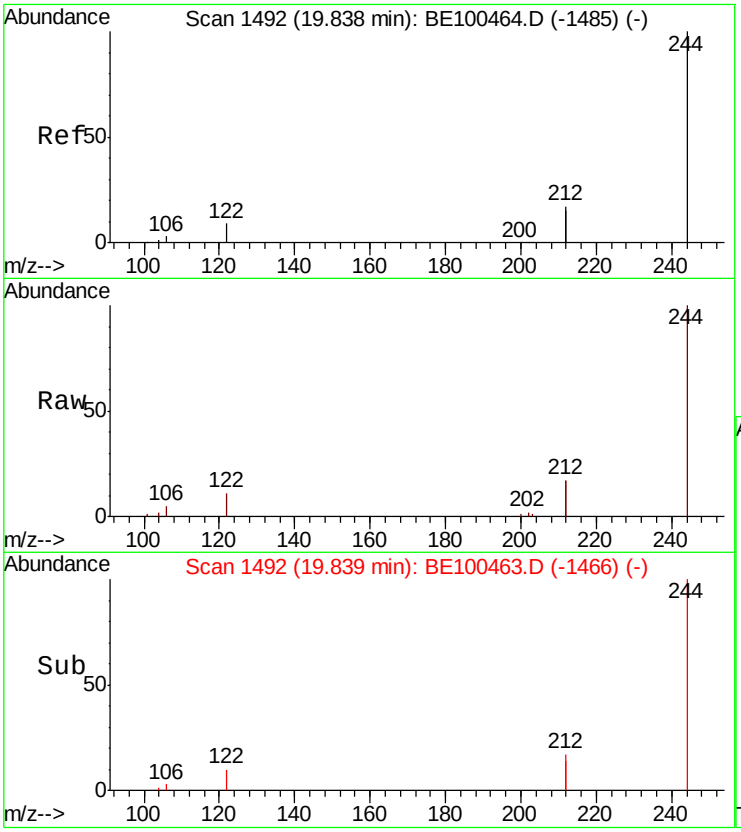


#28
Pyrene
Concen: 0.190 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Tgt Ion:202 Resp: 12680

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	18.1	13.8	20.8



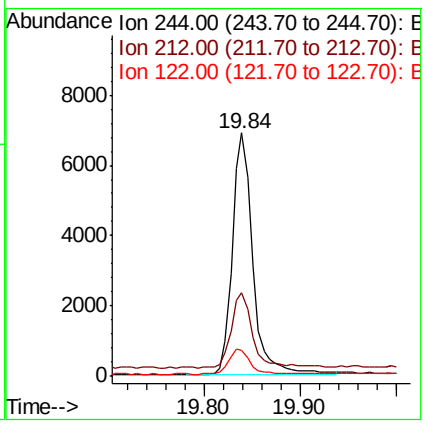


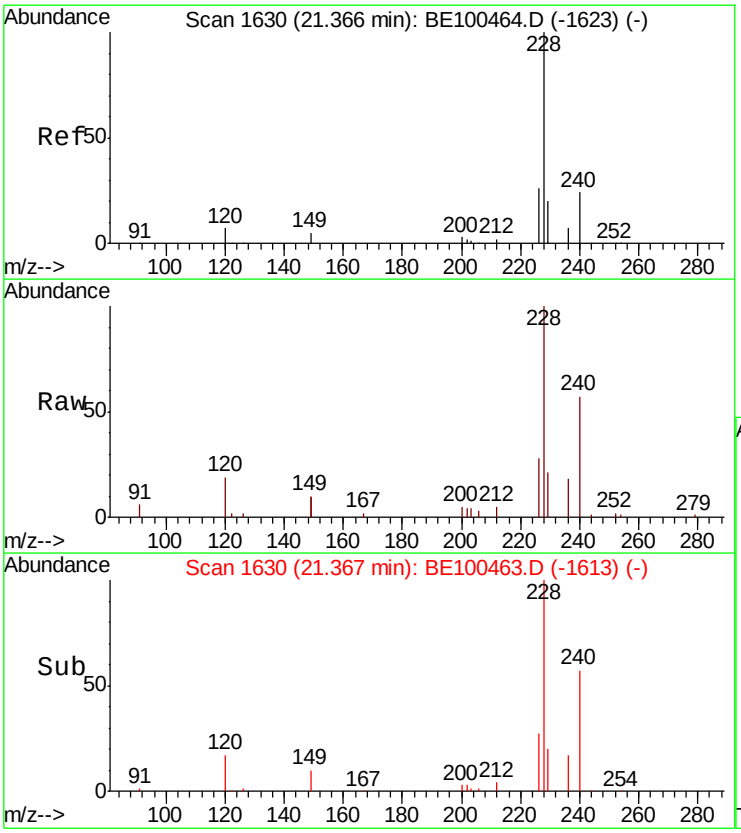
#29
Terphenyl-d14
Concen: 0.181 ng
RT: 19.84 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 10074

Ion	Ratio	Lower	Upper
244	100		
212	34.4	26.6	40.0
122	10.7	7.6	11.4

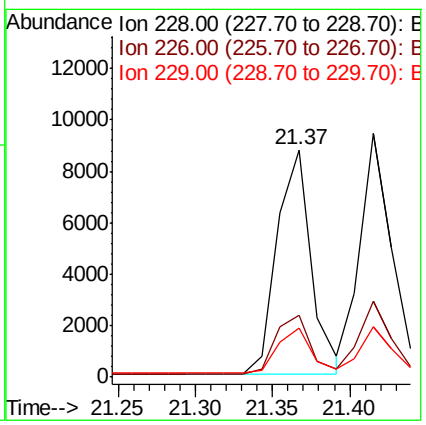


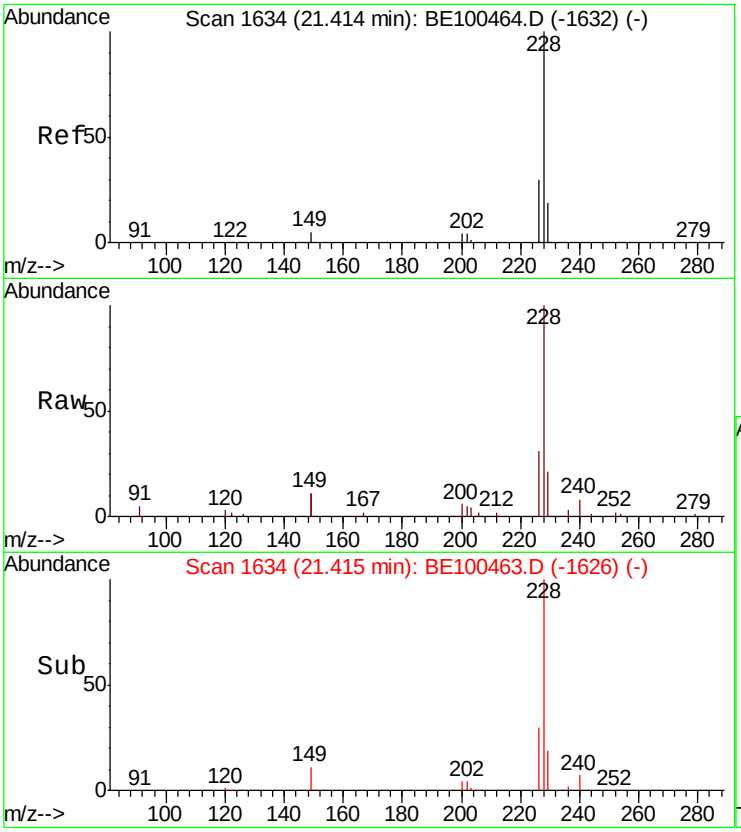


#30
Benzo(a)anthracene
Concen: 0.220 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Tgt Ion:228 Resp: 13570

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.3	31.9
229	21.4	16.6	25.0



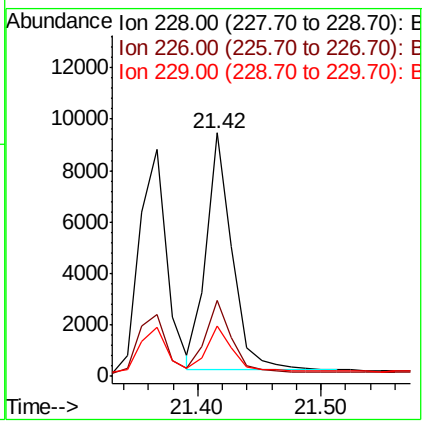


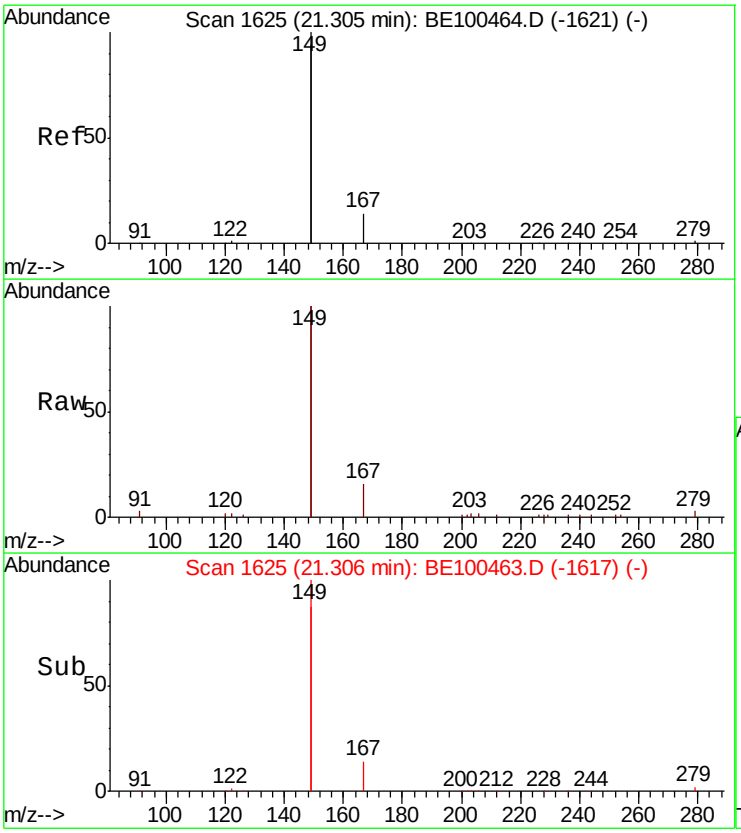
#31
Chrysene
Concen: 0.184 ng
RT: 21.42 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 13511

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.5	36.7
229	20.8	16.0	24.0

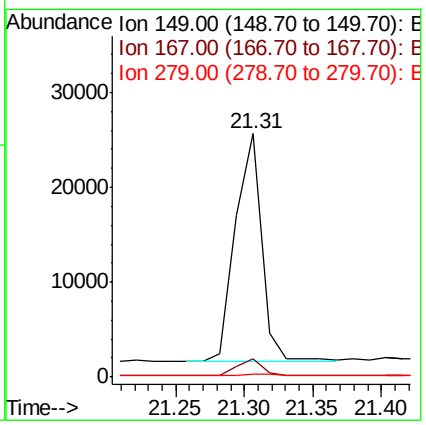


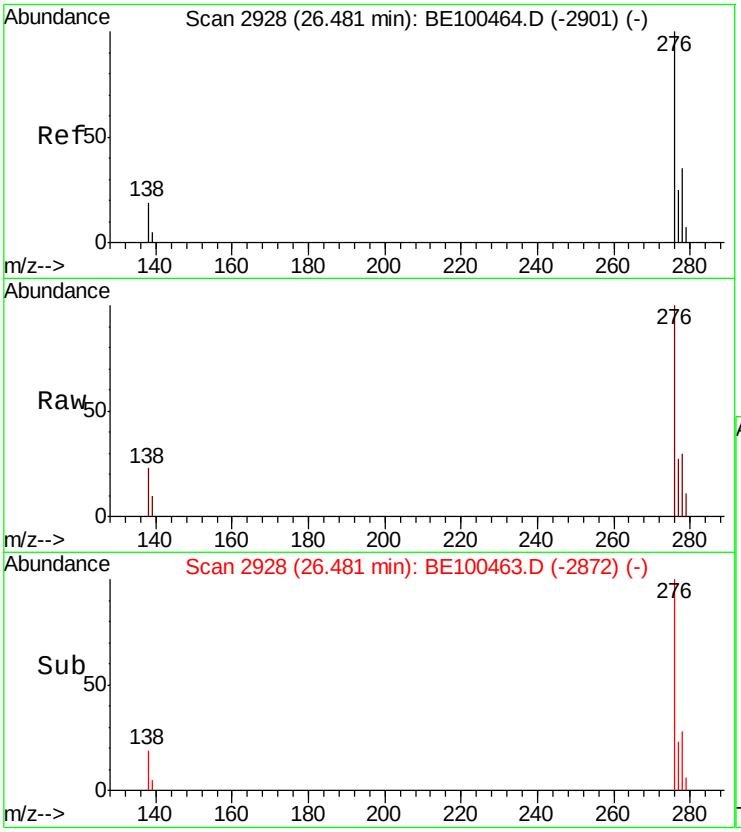


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.713 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Tgt Ion:149 Resp: 31612

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.8	8.6
279	1.0	0.8	1.2



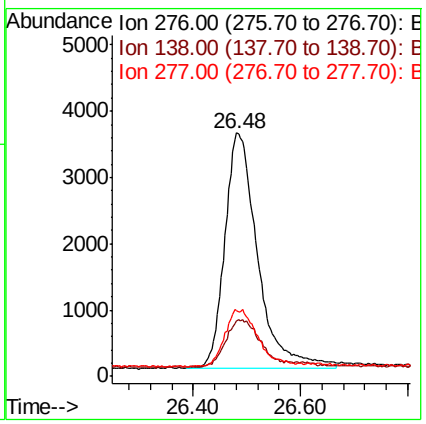


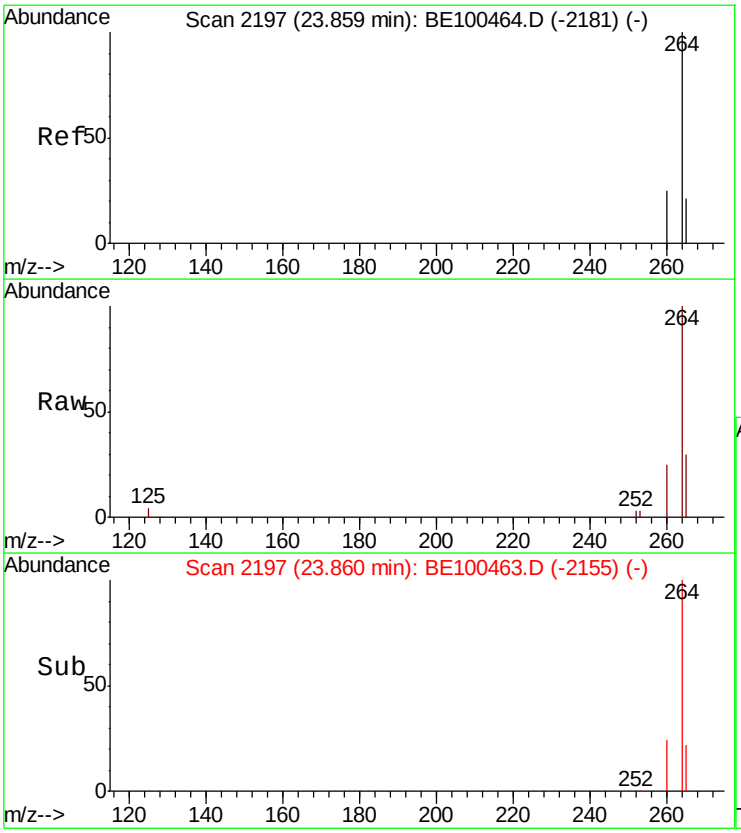
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.232 ng
RT: 26.48 min Scan# 2928
Delta R.T. -0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 15116

Ion	Ratio	Lower	Upper
276	100		
138	21.2	17.4	26.0
277	10.3	19.4	29.0#

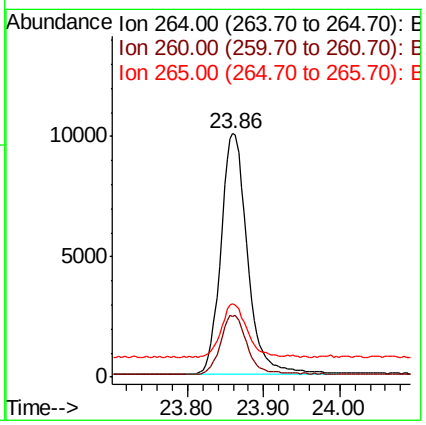


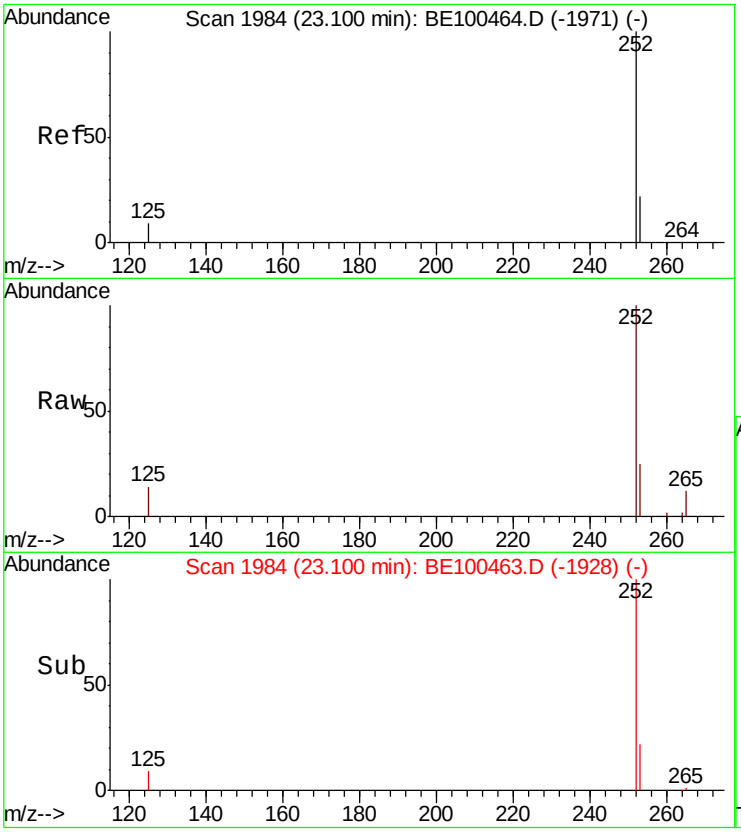


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Tgt Ion:264 Resp: 24338

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.7	31.1
265	30.0	23.4	35.0



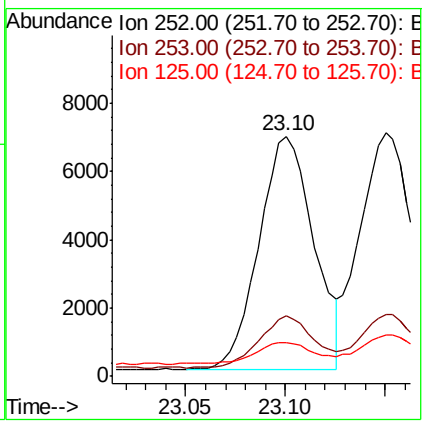


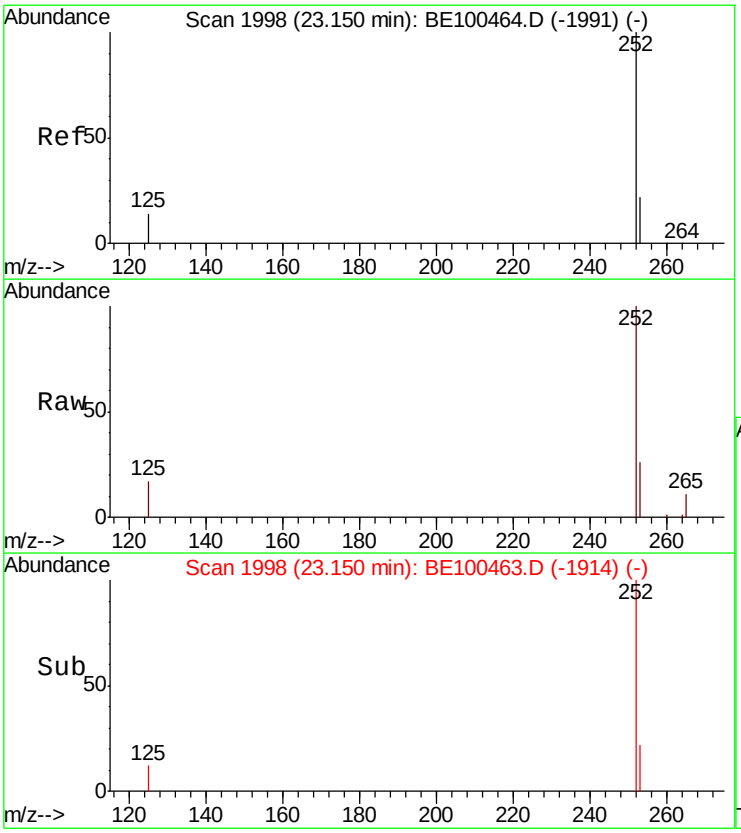
#35
Benzo(b)fluoranthene
Concen: 0.176 ng
RT: 23.10 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 13098

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.5	27.7
125	13.9	9.0	13.4#

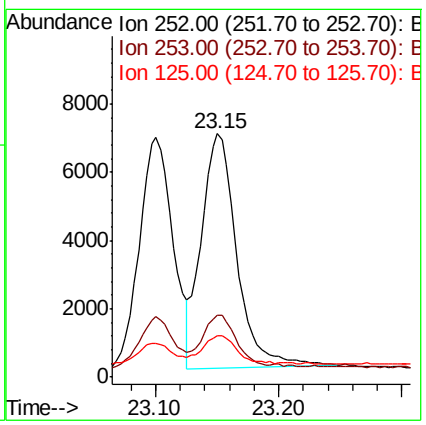


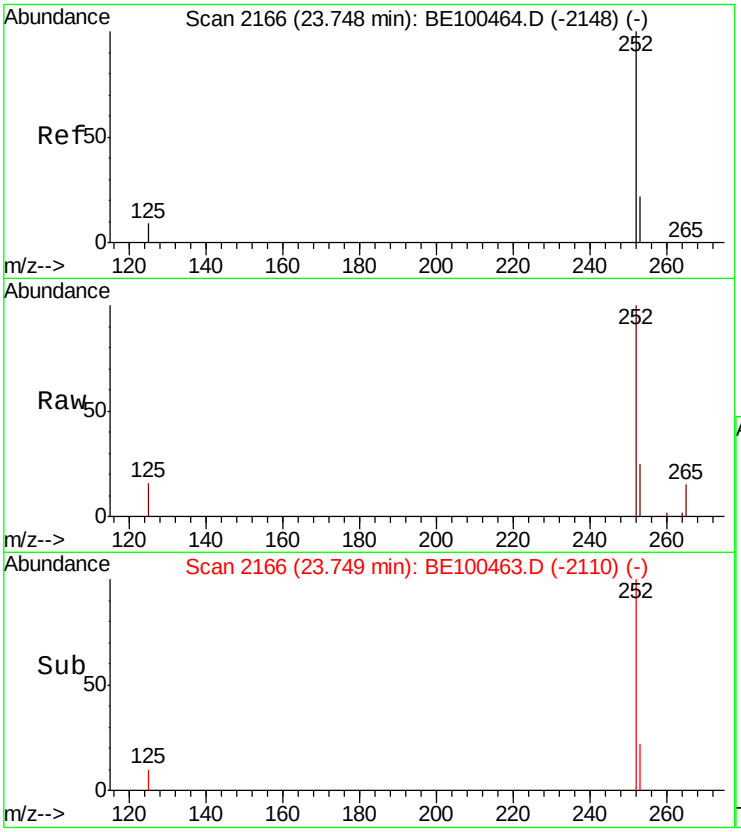


#36
Benzo(k)fluoranthene
Concen: 0.174 ng
RT: 23.15 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Tgt Ion:252 Resp: 13658

Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.0	28.4
125	17.0	11.8	17.8



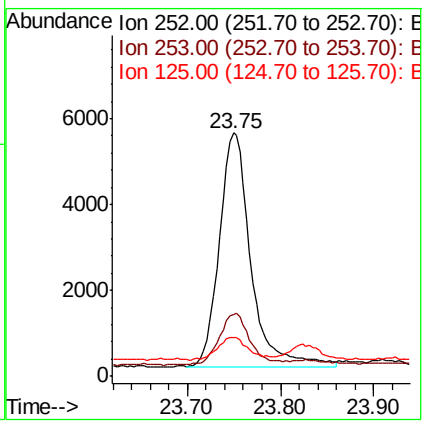


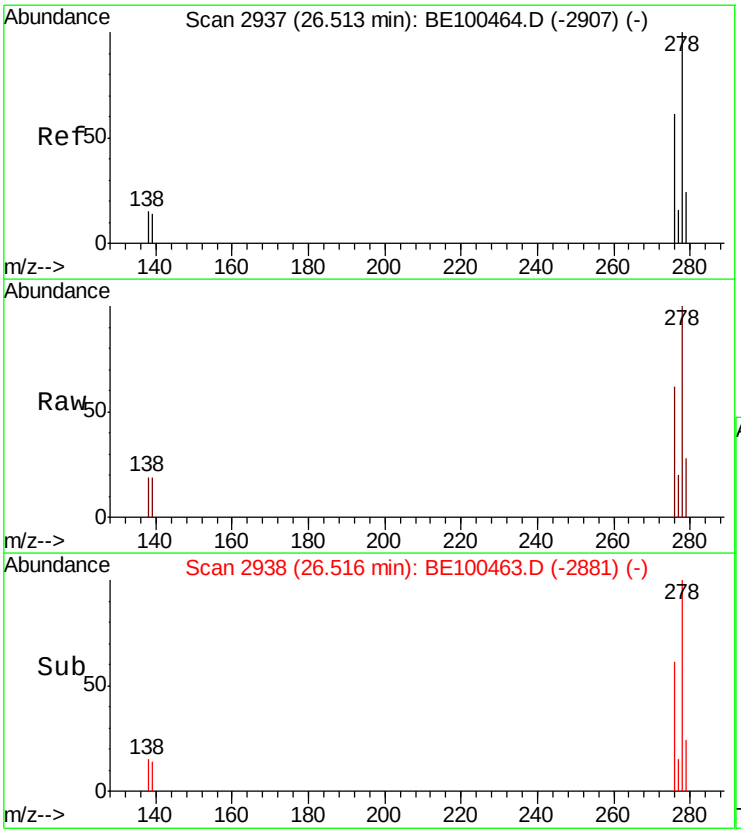
#37
Benzo(a)pyrene
Concen: 0.209 ng
RT: 23.75 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 12783

Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.1	28.7
125	15.9	10.0	15.0#

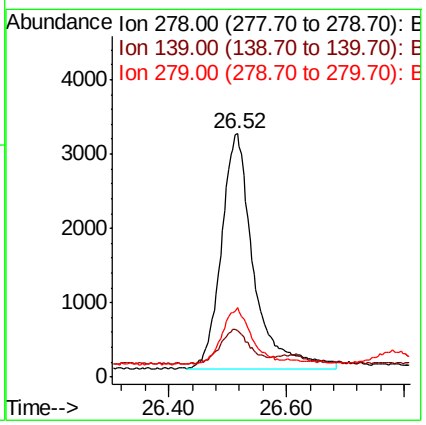


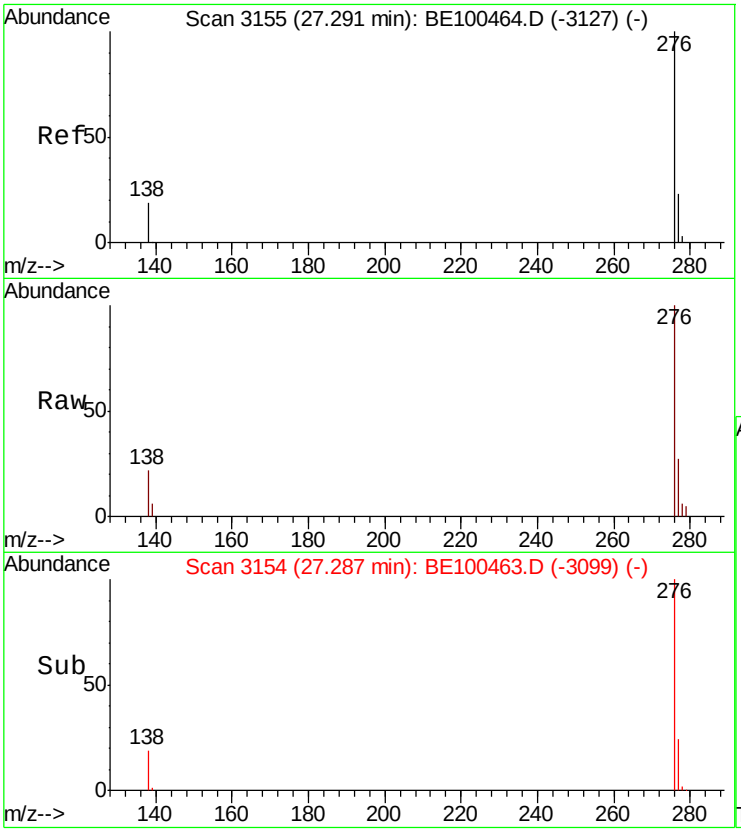


#38
Dibenzo(a,h)anthracene
Concen: 0.185 ng
RT: 26.52 min Scan# 2938
Delta R.T. 0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Tgt Ion:278 Resp: 12067

Ion	Ratio	Lower	Upper
278	100		
139	19.1	13.0	19.6
279	28.4	20.4	30.6





#39
Benzo(g,h,i)perylene
Concen: 0.185 ng
RT: 27.29 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 12601

Ion	Ratio	Lower	Upper
276	100		
277	26.9	19.9	29.9
138	21.9	16.7	25.1