Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071919\
Data File : BE100467.D
Acq On : 19 Jul 2019 12:26
Operator : HP/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 19 13:34:13 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	7.87	152	3273	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	12749	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	8216	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	20926	0.40	ng		0.00
27) Chrysene-d12	21.38	240	24610	0.40	ng		0.00
34) Perylene-d12	23.86	264	25329	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	25158	4.04	ng		0.00
5) Phenol-d6	7.03	99	36082	3.92	ng		0.00
8) Nitrobenzene-d5	9.02	82	35412	5.03	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	68691	3.56	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	12383	6.67	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	103635	2.82	ng		0.00
25) Fluoranthene-d10	19.24	212	946470	3.80	ng		0.00
29) Terphenyl-d14	19.84	244	192142	3.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	13658	2.822	ng		88
3) n-Nitrosodimethylamine	3.68	42	10525	3.711	ng	#	89
6) bis(2-Chloroethyl)ether	7.30	93	30276	3.256	ng		95
9) Naphthalene	10.72	128	388554	3.128	ng		99
10) Hexachlorobutadiene	11.02	225	18727	3.112	ng		98
12) 2-Methylnaphthalene	12.33	142	70271	3.384	ng		97
16) Acenaphthylene	14.21	152	122805	3.695	ng		100
17) Acenaphthene	14.56	154	74665	3.270	ng		98
18) Fluorene	15.53	166	98876	3.358	ng		99
20) 4-Bromophenyl-phenylether	16.42	248	33124	3.033	ng		95
21) Hexachlorobenzene	16.54	284	33346	2.613	ng		98
22) Pentachlorophenol	16.88	266	16303	7.317	ng		90
23) Phenanthrene	17.25	178	172058	3.086	ng		100
24) Anthracene	17.35	178	165742	3.602	ng		100
26) Fluoranthene	19.27	202	240553	3.395	ng		99
28) Pyrene	19.63	202	245722	3.413	ng		99
30) Benzo(a)anthracene	21.37	228	246960	3.697	ng		99
31) Chrysene	21.41	228	238529	3.007	ng		100
32) Bis(2-ethylhexyl)phthalate	21.31	149	515046	10.751	ng		100
33) Indeno(1,2,3-cd)pyrene	26.49	276	254780	3.613	ng		99
35) Benzo(b)fluoranthene	23.15	252	236026	3.050	ng		96
36) Benzo(k)fluoranthene	23.15	252	239859	2.929	ng	#	92
37) Benzo(a)pyrene	23.74	252	219897	3.456	ng		95
38) Dibenzo(a,h)anthracene	26.51	278	208583	3.074	ng		96
39) Benzo(g,h,i)perylene	27.29	276	209133	2.947	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071919\
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Acq On : 19 Jul 2019 12:26
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Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
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Quant Time: Jul 19 13:34:13 2019
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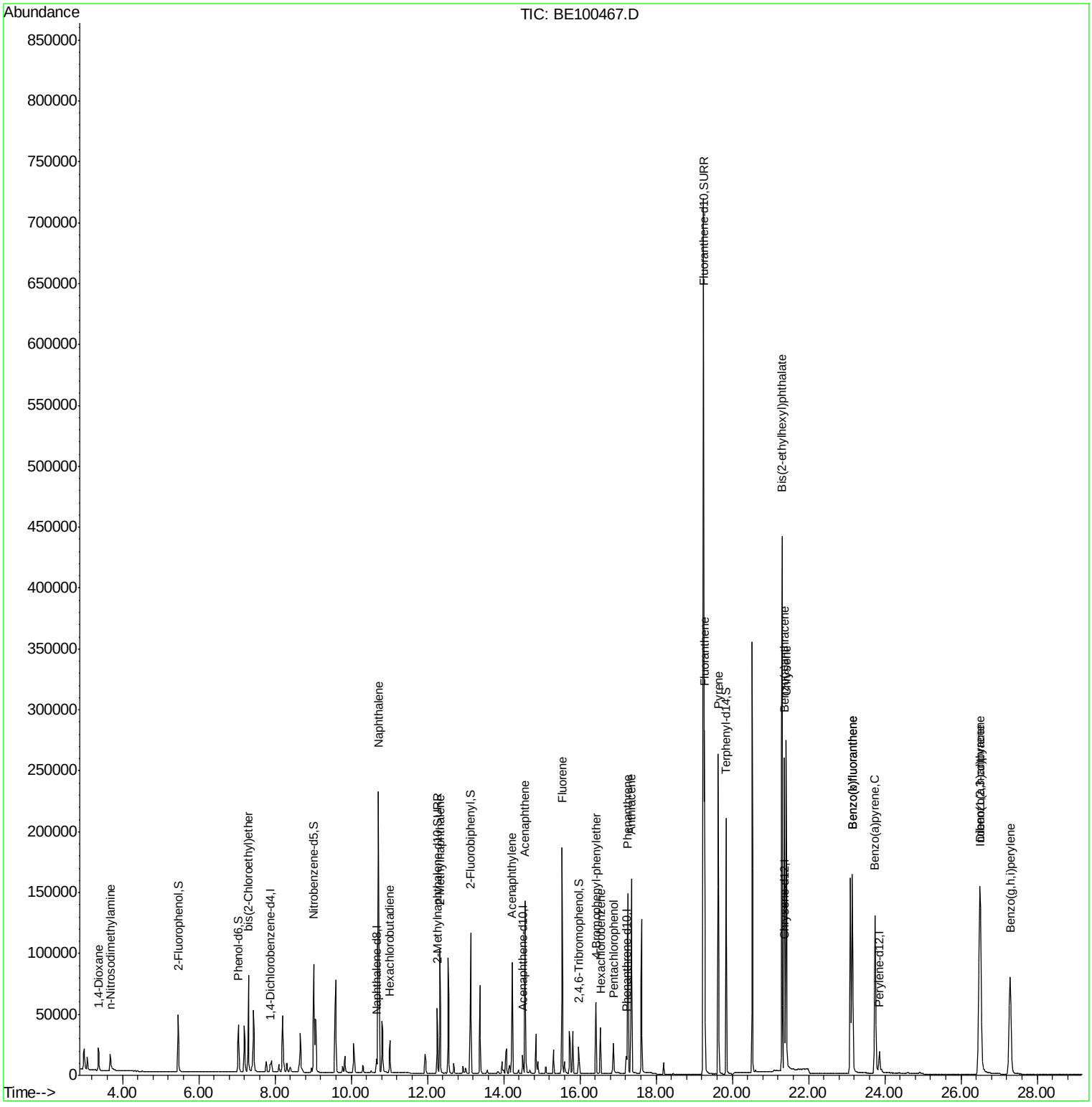
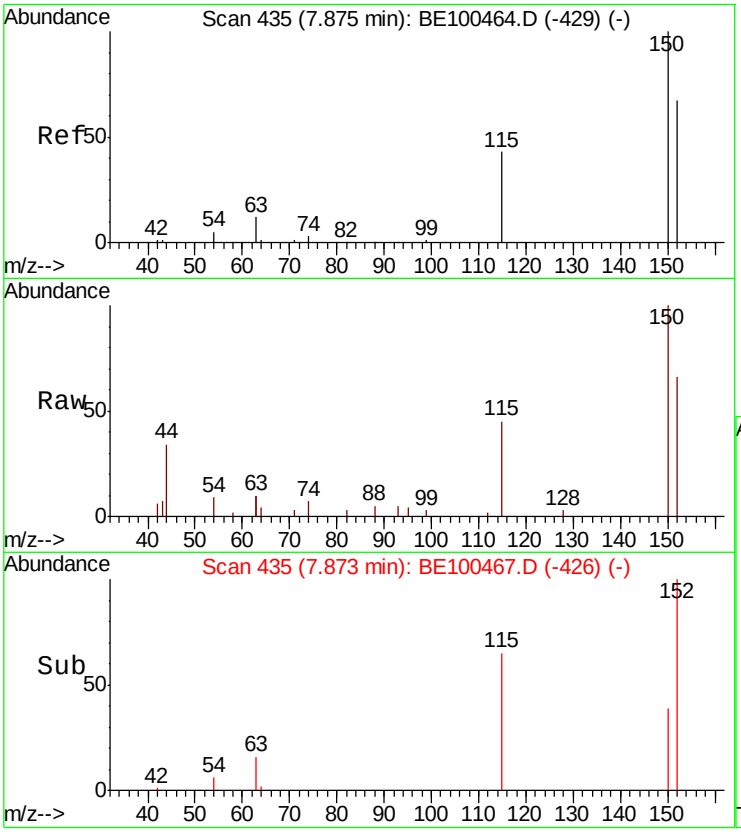
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 13:27:51 2019
Response via : Initial Calibration



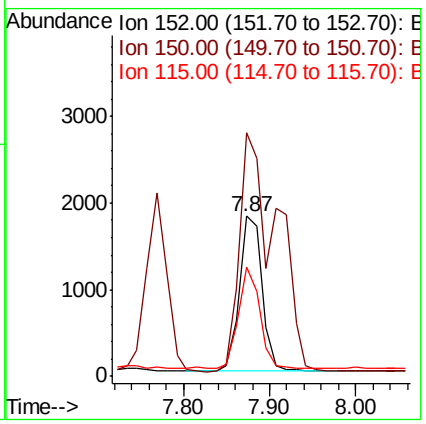


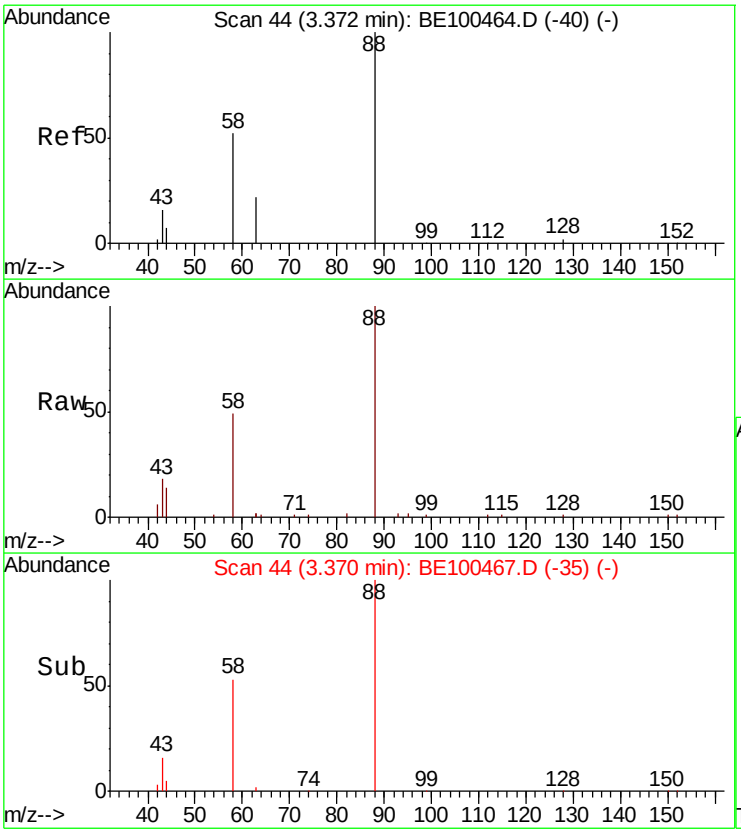
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. -0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3273

Ion	Ratio	Lower	Upper
152	100		
150	152.2	117.6	176.4
115	68.6	54.9	82.3

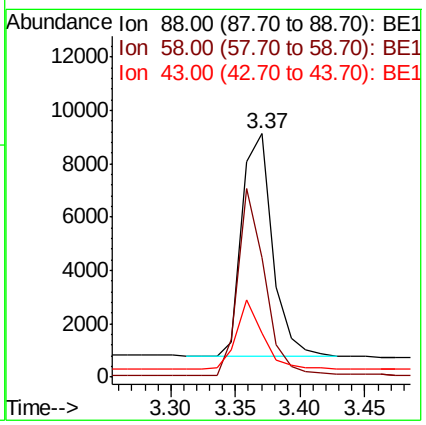


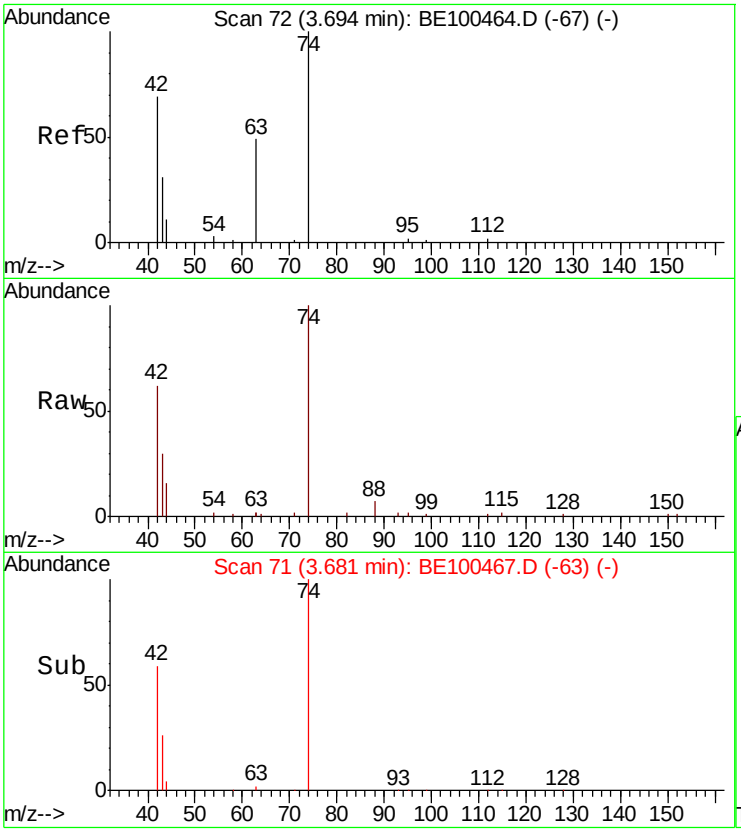


#2
1,4-Dioxane
Concen: 2.822 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Tgt Ion: 88 Resp: 13658

Ion	Ratio	Lower	Upper
88	100		
58	74.0	50.2	75.4
43	27.2	19.1	28.7



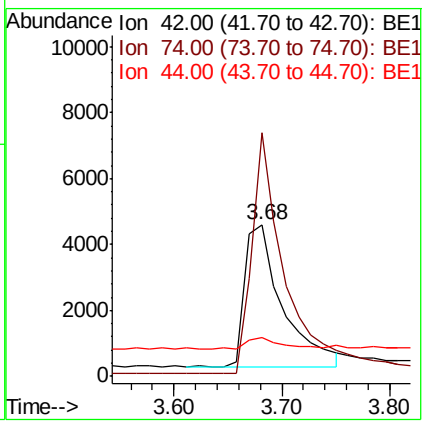


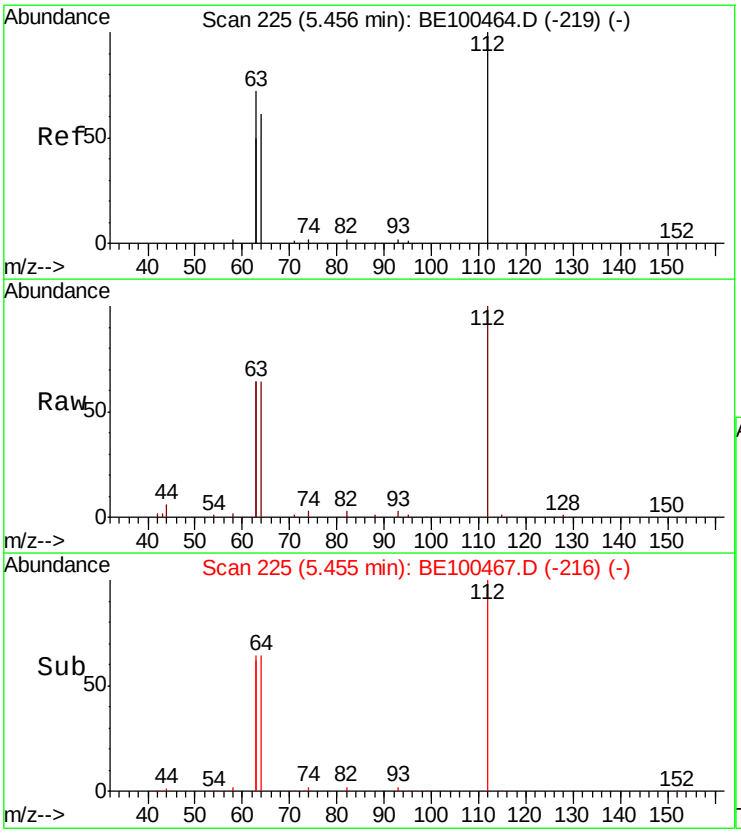
#3
n-Nitrosodimethylamine
Concen: 3.711 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 10525

Ion	Ratio	Lower	Upper
42	100		
74	144.9	105.8	158.8
44	8.1	0.0	0.0#

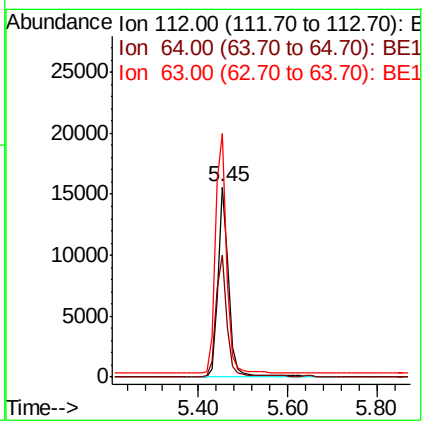


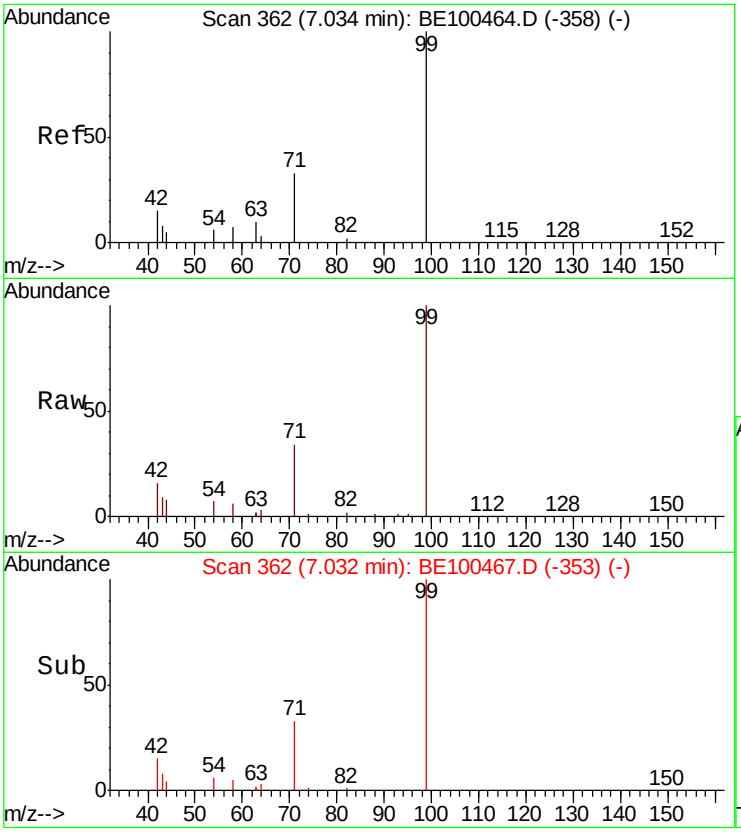


#4
2-Fluorophenol
Concen: 4.040 ng
RT: 5.45 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Tgt Ion:112 Resp: 25158

Ion	Ratio	Lower	Upper
112	100		
64	66.7	51.9	77.9
63	134.2	103.9	155.9



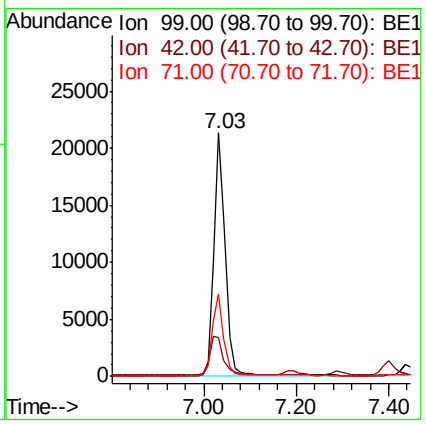


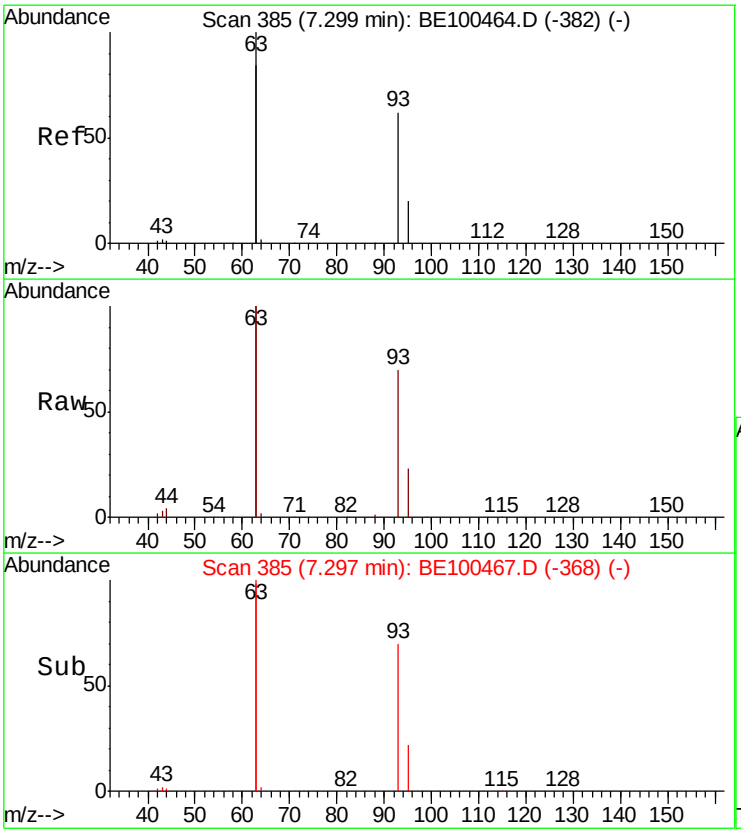
#5
Phenol-d6
Concen: 3.921 ng
RT: 7.03 min Scan# 362
Delta R.T. -0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 36082

Ion	Ratio	Lower	Upper
99	100		
42	18.5	16.2	24.4
71	33.4	26.0	39.0

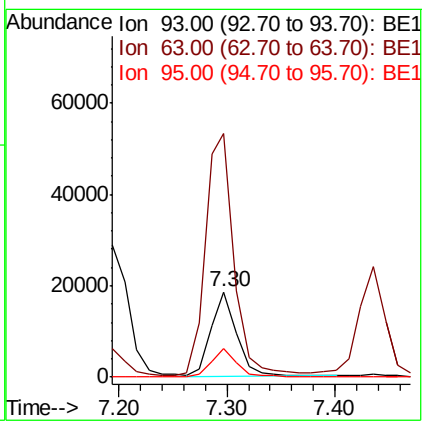


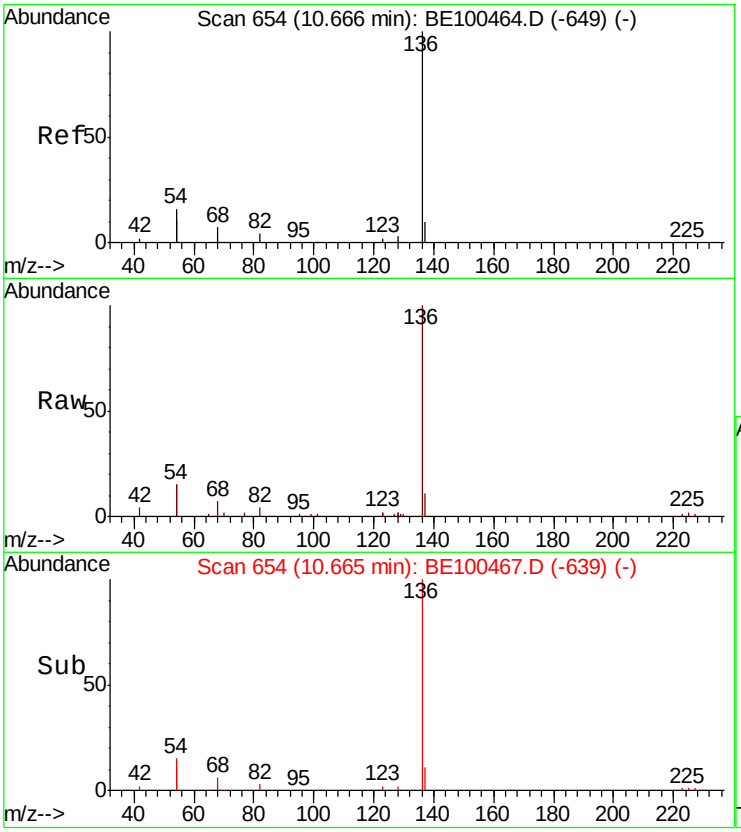


#6
bis(2-Chloroethyl)ether
Concen: 3.256 ng
RT: 7.30 min Scan# 385
Delta R.T. -0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Tgt Ion: 93 Resp: 30276

Ion	Ratio	Lower	Upper
93	100		
63	320.2	248.4	372.6
95	32.6	24.7	37.1



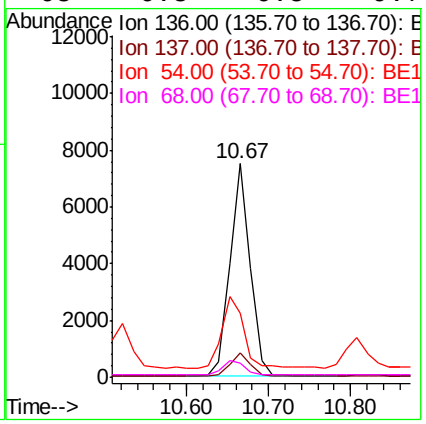


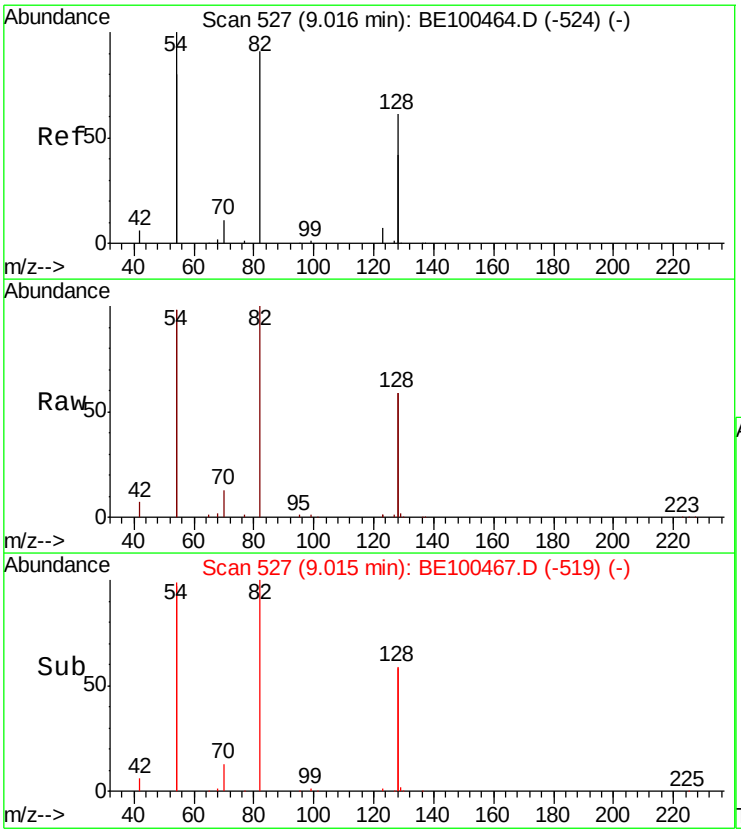
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 12749

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	29.9	26.2	39.2
68	6.8	6.5	9.7

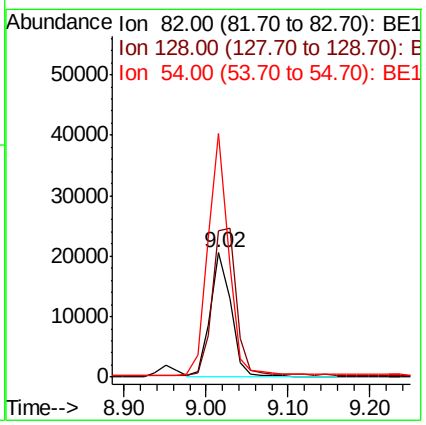


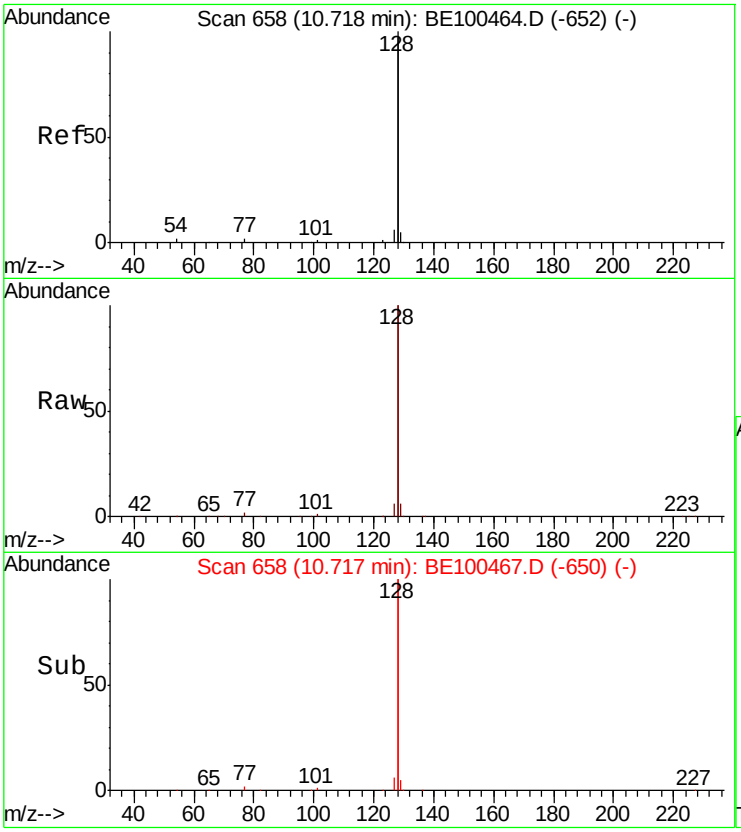


#8
Nitrobenzene-d5
Concen: 5.032 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Tgt Ion: 82 Resp: 35412

Ion	Ratio	Lower	Upper
82	100		
128	118.3	100.7	151.1
54	196.0	164.4	246.6



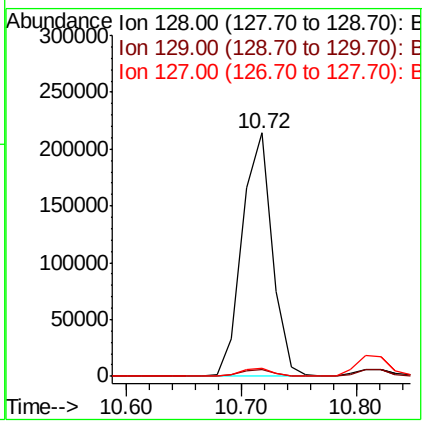


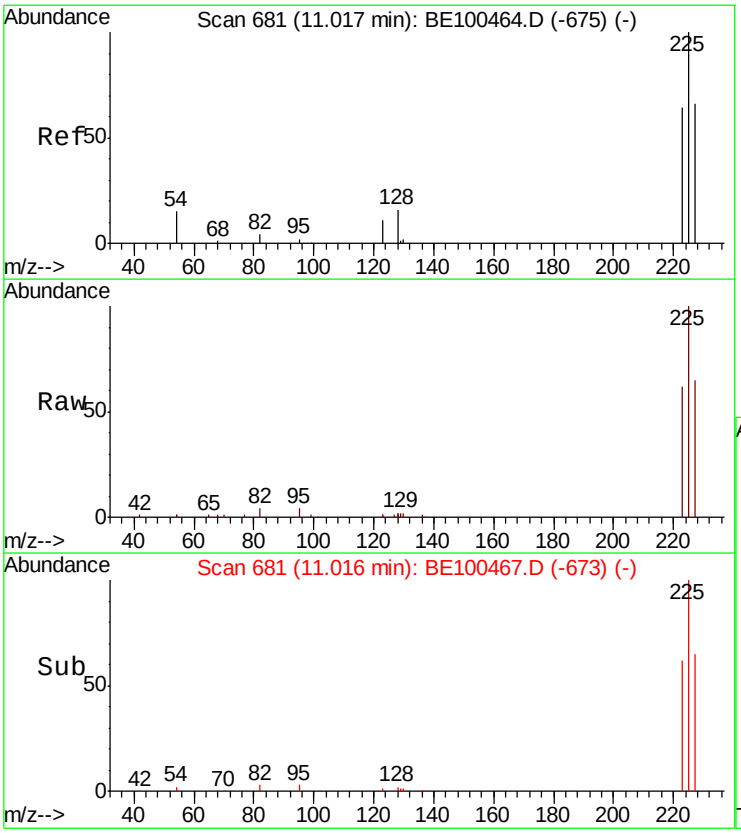
#9
Naphthalene
Concen: 3.128 ng
RT: 10.72 min Scan# 658
Delta R.T. -0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 388554

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.4	3.6
127	3.2	2.6	4.0

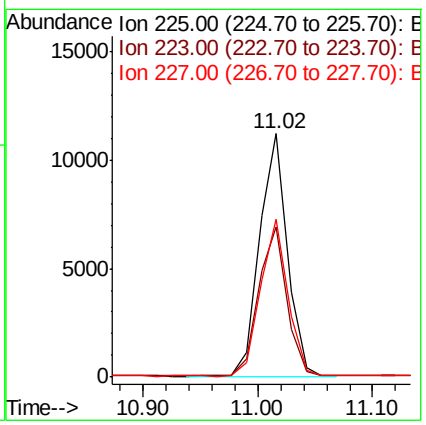


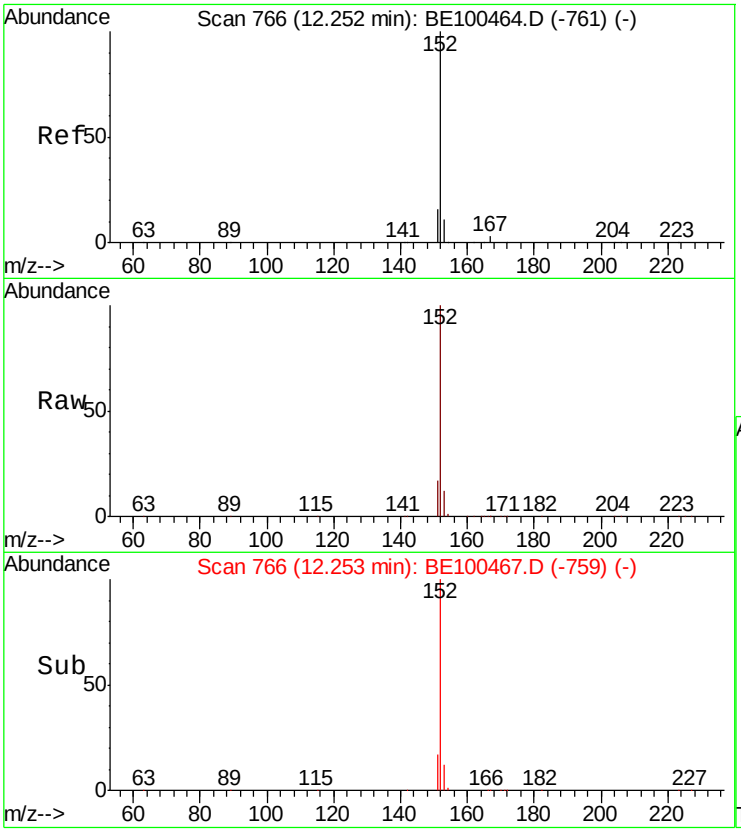


#10
Hexachlorobutadiene
Concen: 3.112 ng
RT: 11.02 min Scan# 681
Delta R.T. -0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Tgt Ion:225 Resp: 18727

Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.7	77.5
227	63.8	50.9	76.3



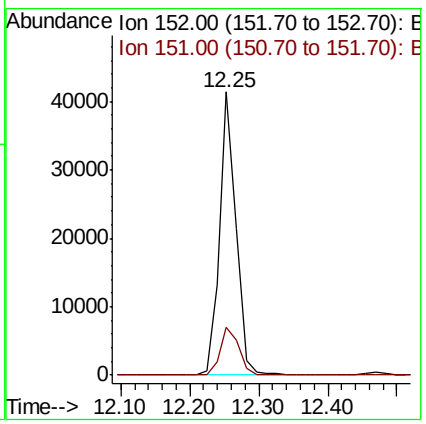


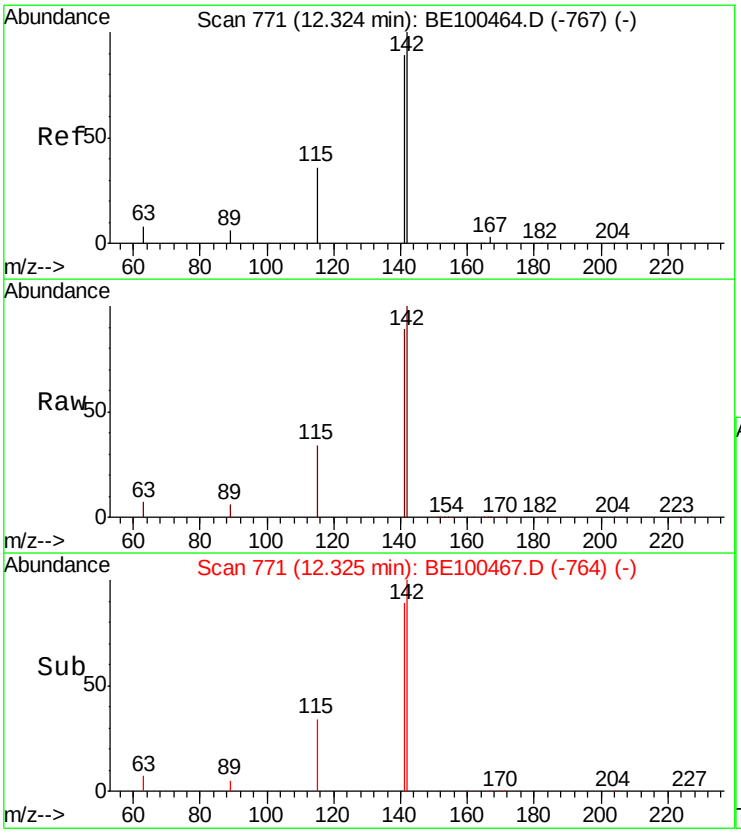
#11
2-Methylnaphthalene-d10
Concen: 3.561 ng
RT: 12.25 min Scan# 766
Delta R.T. 0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 68691

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.8	23.6

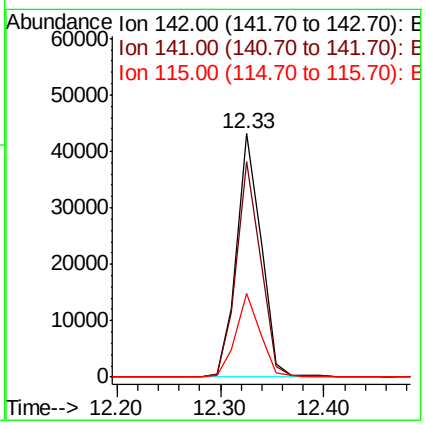


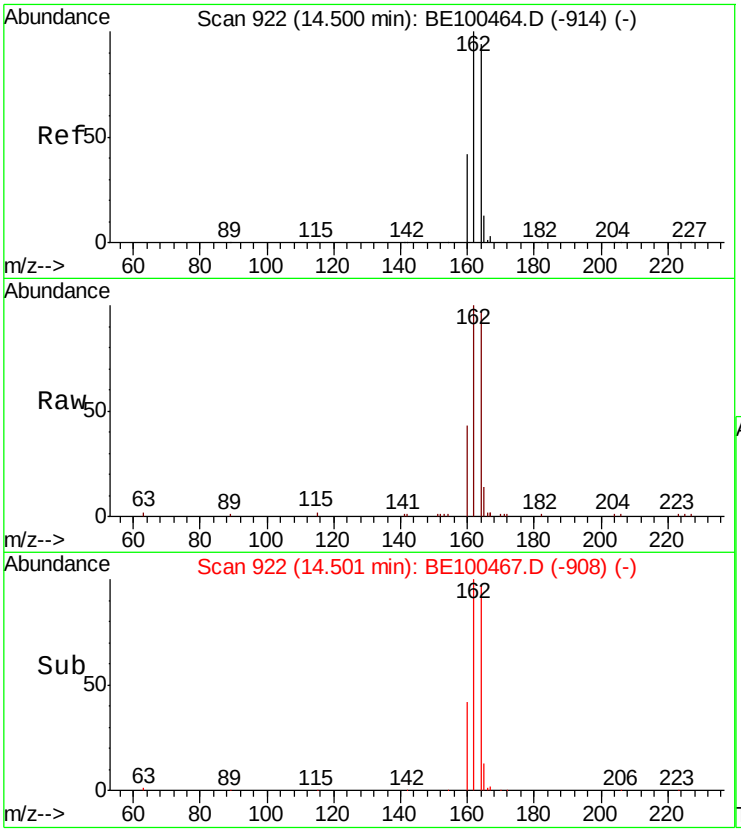


#12
2-Methylnaphthalene
Concen: 3.384 ng
RT: 12.33 min Scan# 771
Delta R.T. 0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Tgt Ion:142 Resp: 70271

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.7	107.5
115	34.2	30.4	45.6



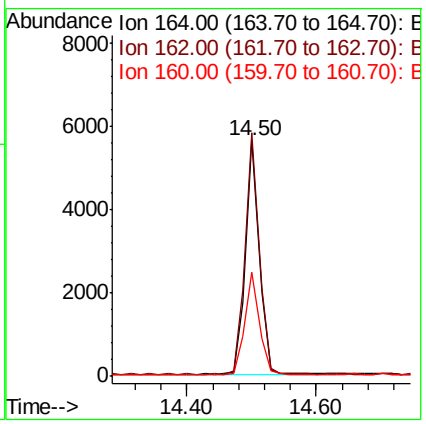


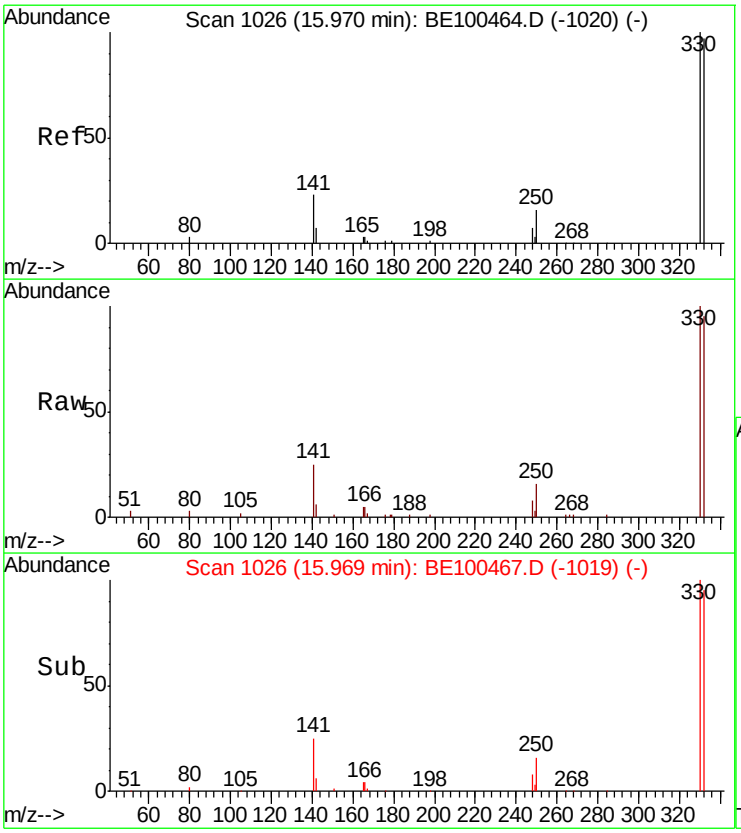
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. 0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 8216

Ion	Ratio	Lower	Upper
164	100		
162	103.2	85.0	127.6
160	44.1	36.2	54.2

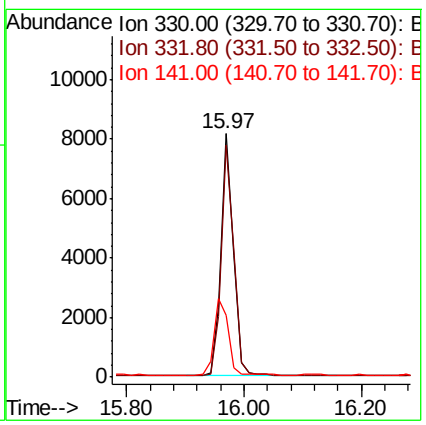


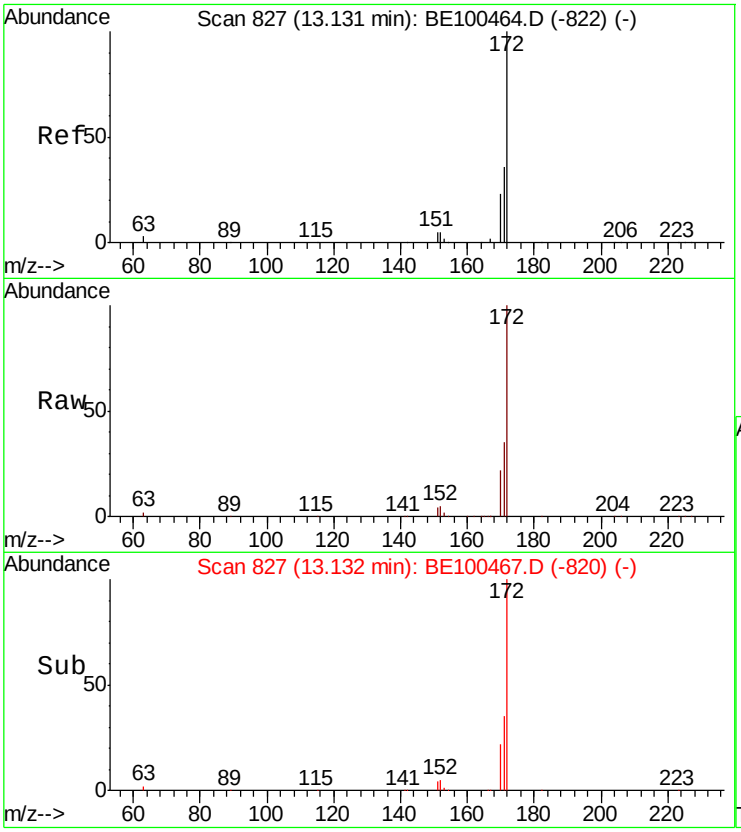


#14
2,4,6-Tribromophenol
Concen: 6.671 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Tgt Ion:330 Resp: 12383

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.3	114.5
141	35.5	29.4	44.2



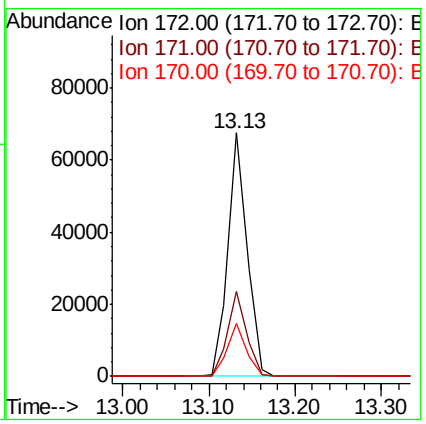


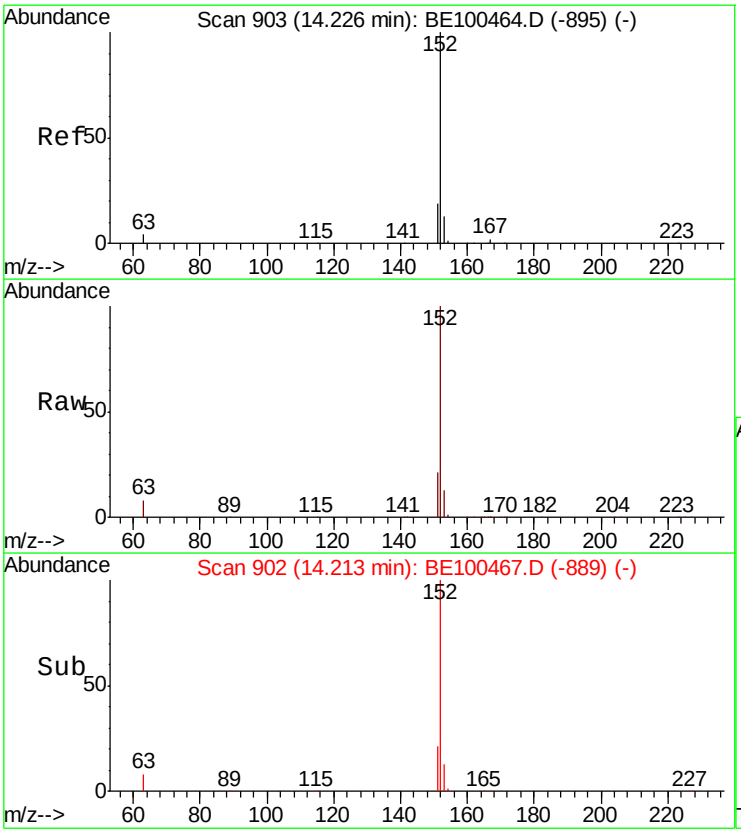
#15
2-Fluorobiphenyl
Concen: 2.816 ng
RT: 13.13 min Scan# 827
Delta R.T. 0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 103635

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.2	43.8
170	22.0	18.8	28.2

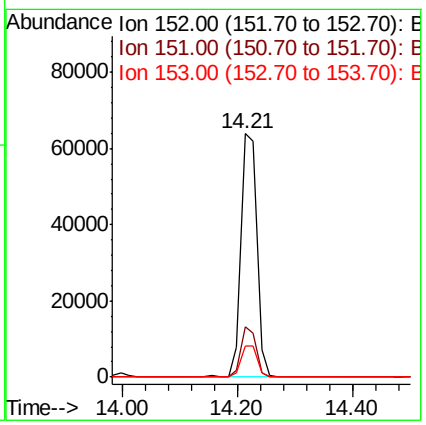


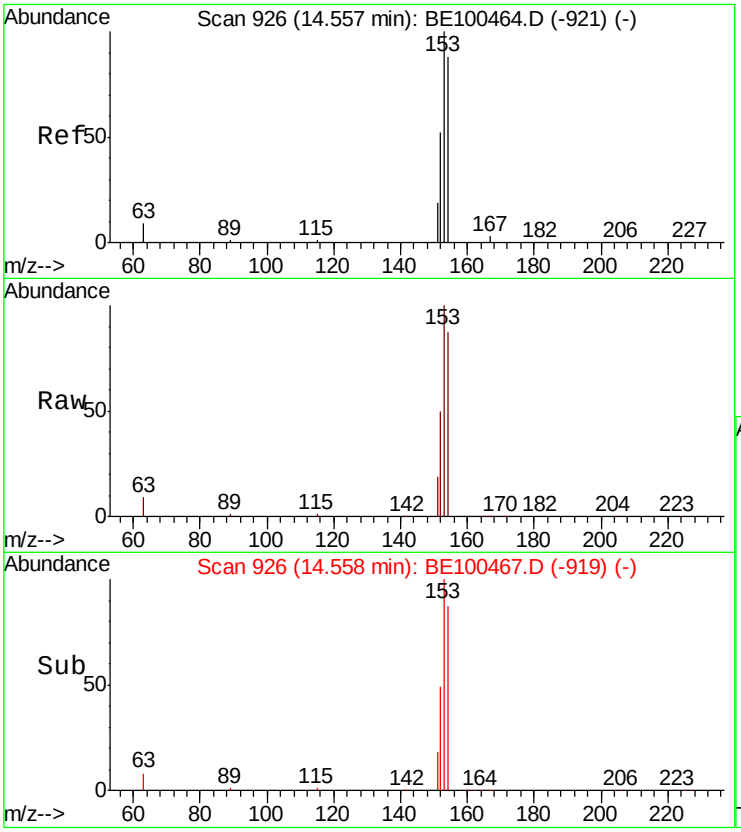


#16
Acenaphthylene
Concen: 3.695 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.01 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Tgt Ion:152 Resp: 122805

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.0	10.6	15.8



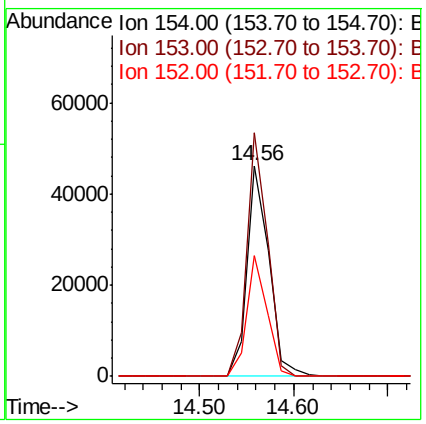


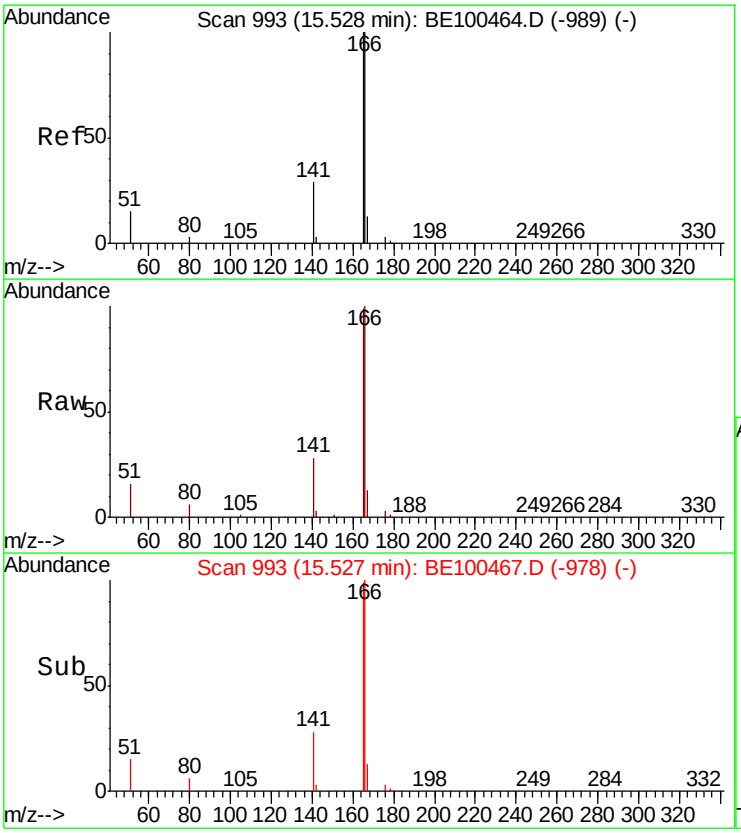
#17
Acenaphthene
Concen: 3.270 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 74665

Ion	Ratio	Lower	Upper
154	100		
153	109.6	89.4	134.2
152	53.3	44.4	66.6

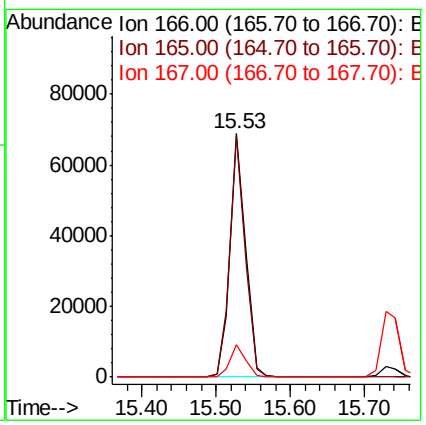


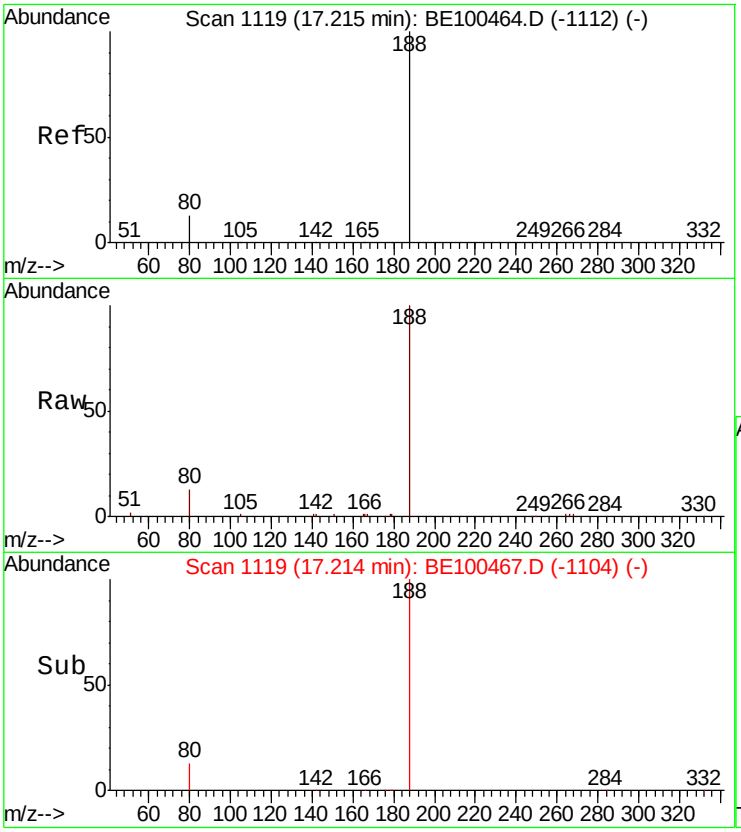


#18
Fluorene
Concen: 3.358 ng
RT: 15.53 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Tgt Ion:166 Resp: 98876

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.8	119.8
167	13.3	10.4	15.6



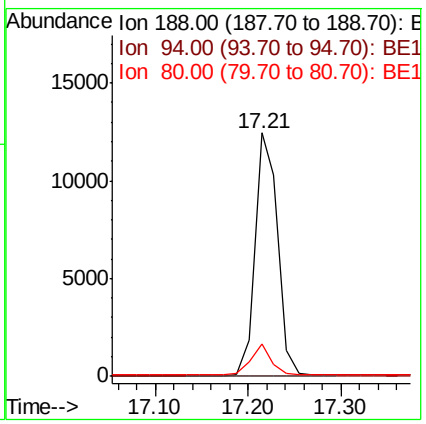


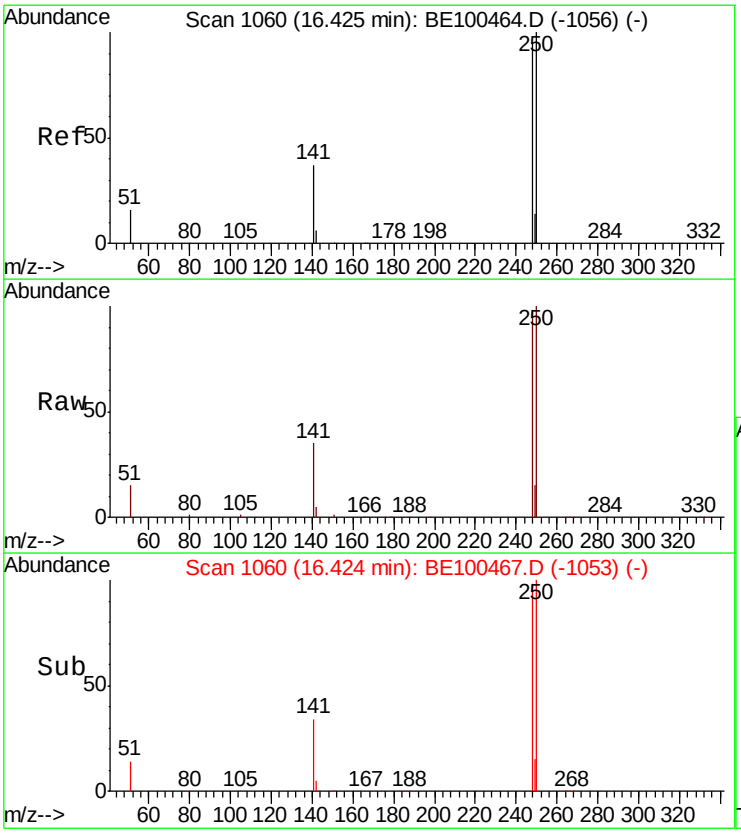
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 20926

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.4	10.7	16.1

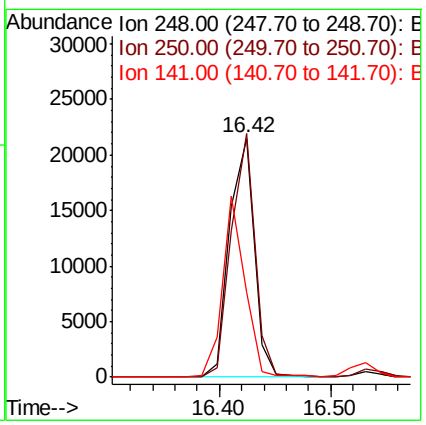


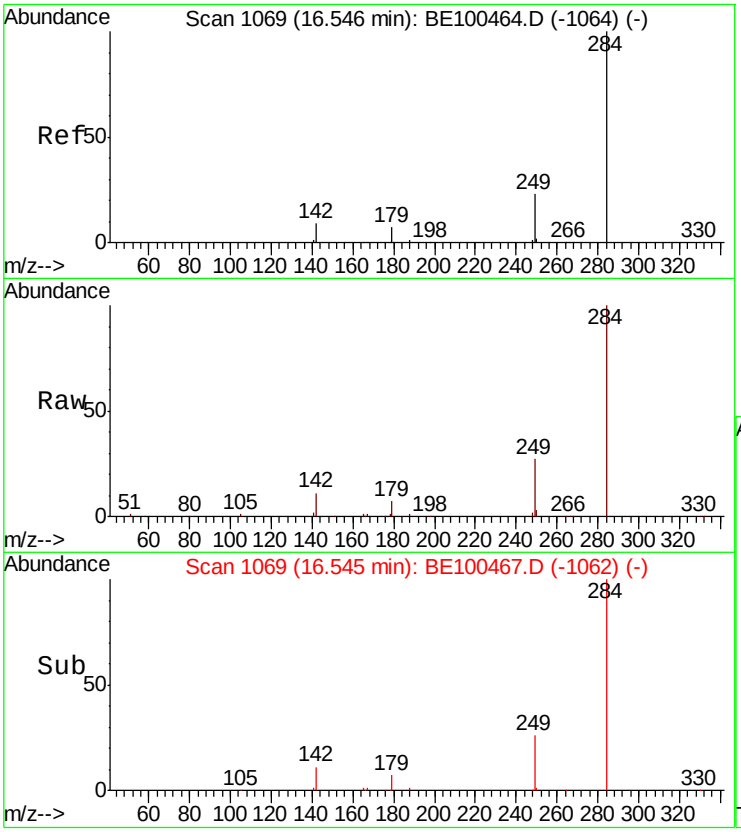


#20
4-Bromophenyl-phenylether
Concen: 3.033 ng
RT: 16.42 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Tgt Ion:248 Resp: 33124

Ion	Ratio	Lower	Upper
248	100		
250	102.1	83.9	125.9
141	35.4	33.7	50.5



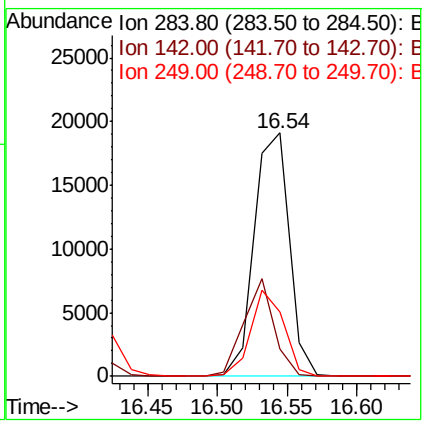


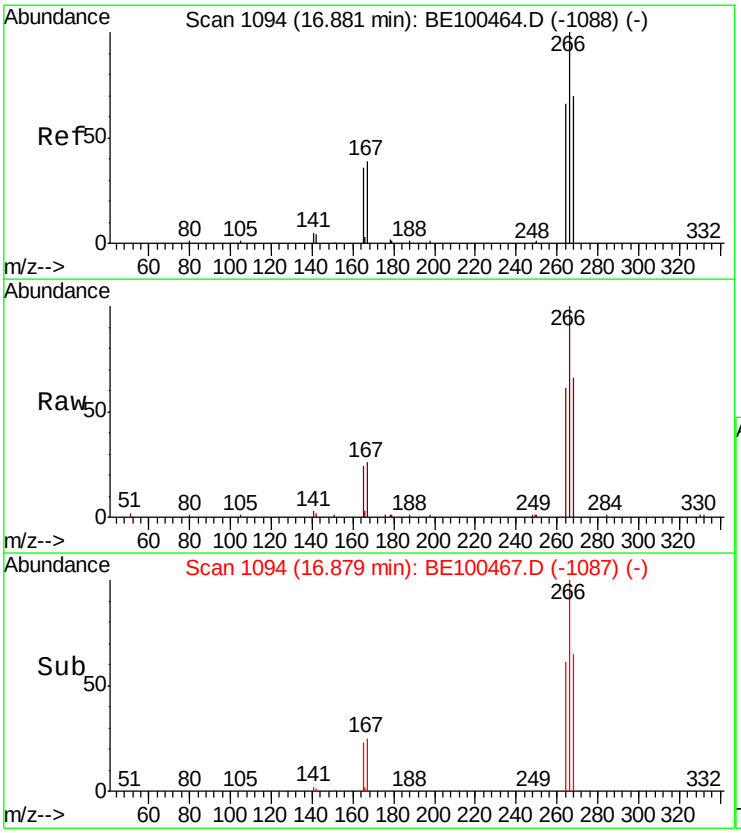
#21
Hexachlorobenzene
Concen: 2.613 ng
RT: 16.54 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 33346

Ion	Ratio	Lower	Upper
284	100		
142	33.8	27.4	41.2
249	32.7	25.1	37.7

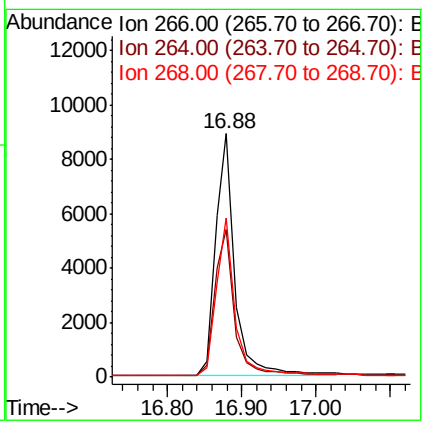


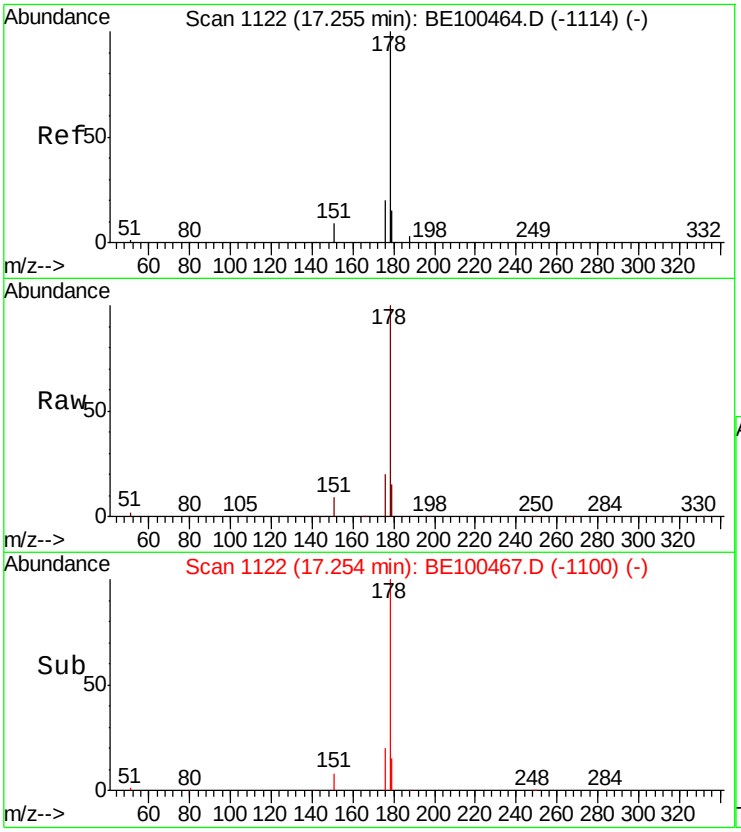


#22
Pentachlorophenol
Concen: 7.317 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Tgt Ion:266 Resp: 16303

Ion	Ratio	Lower	Upper
266	100		
264	60.8	55.5	83.3
268	65.5	59.2	88.8



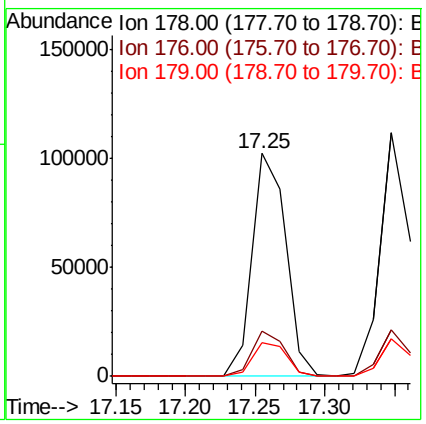


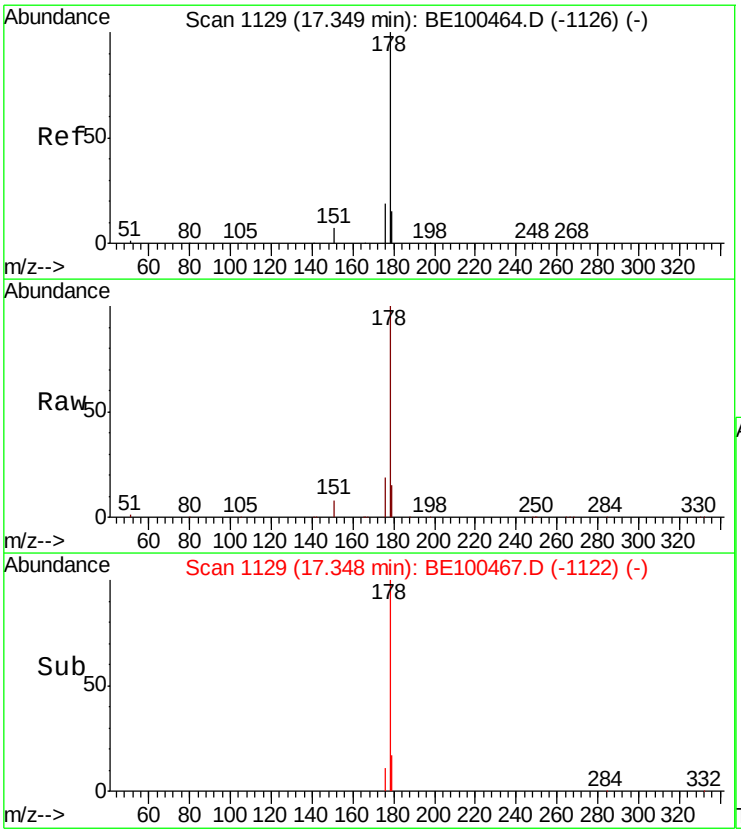
#23
Phenanthrene
Concen: 3.086 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 172058

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.3	12.5	18.7

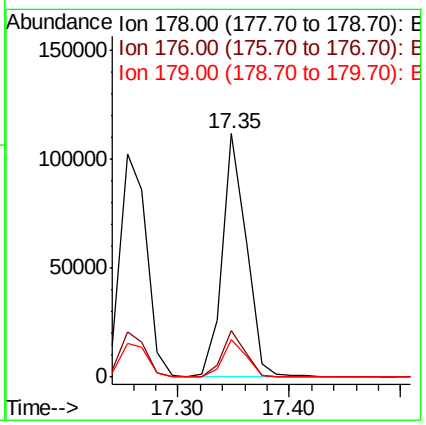


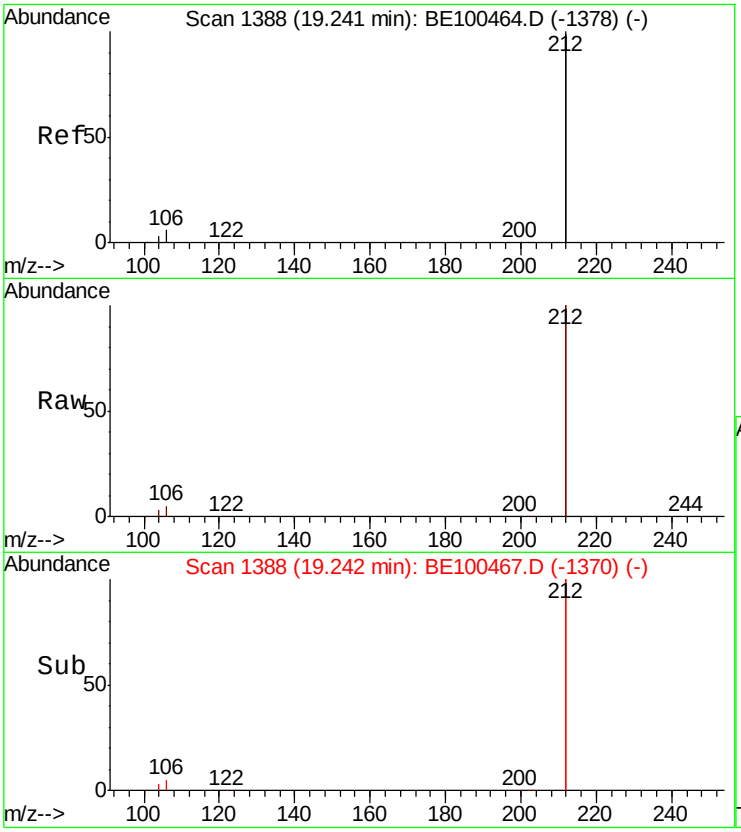


#24
Anthracene
Concen: 3.602 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Tgt Ion:178 Resp: 165742

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.2	12.2	18.2



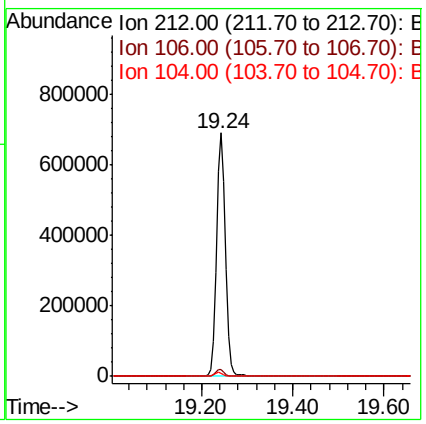


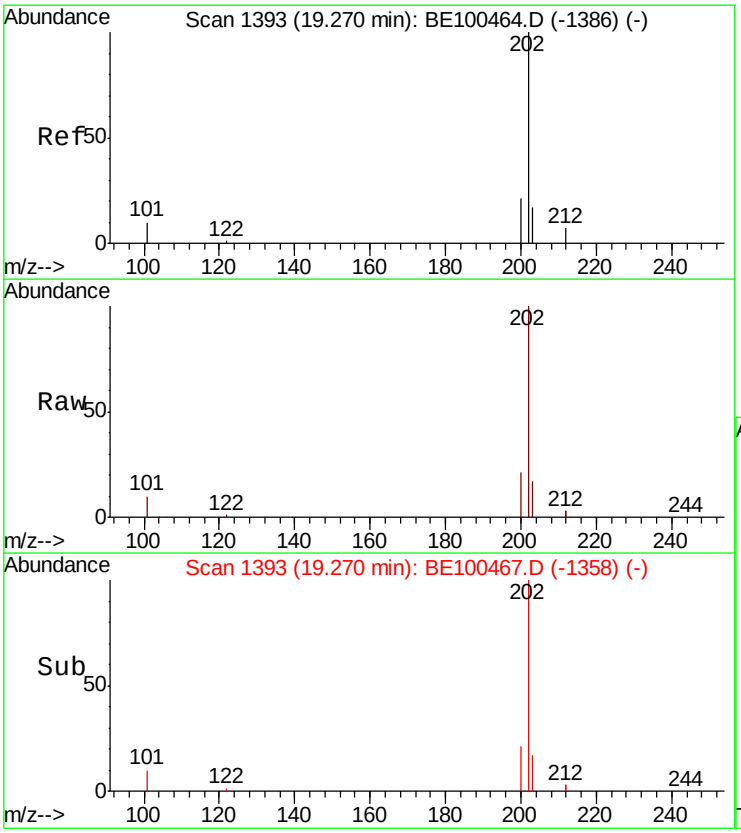
#25
Fluoranthene-d10
Concen: 3.796 ng
RT: 19.24 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 946470

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

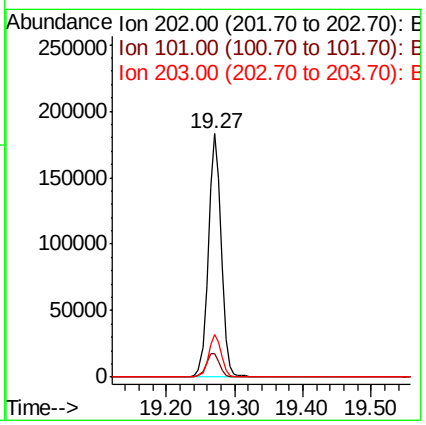


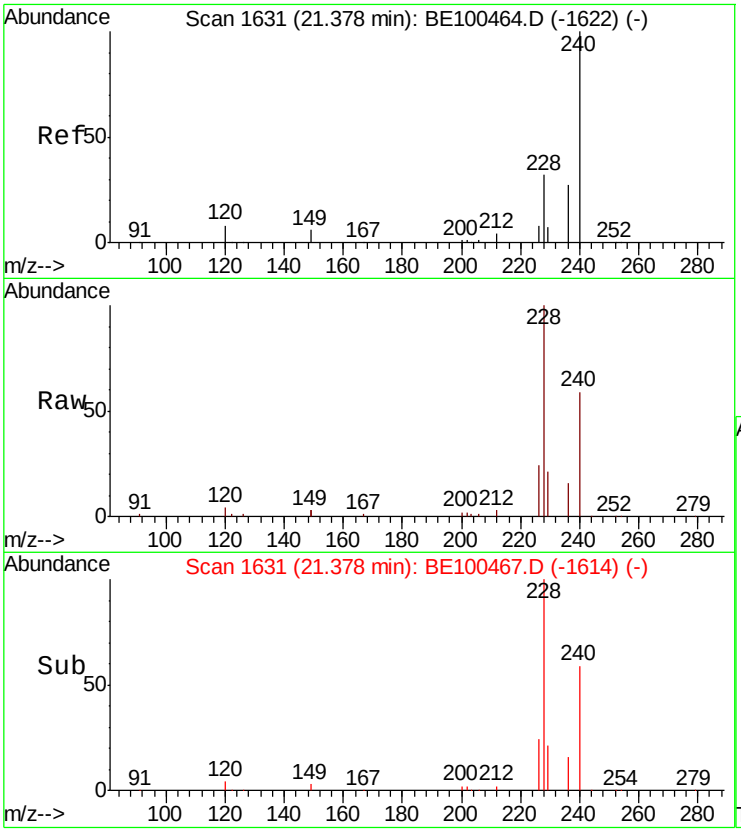


#26
Fluoranthene
Concen: 3.395 ng
RT: 19.27 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Tgt Ion:202 Resp: 240553

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.3	12.5
203	17.5	13.6	20.4



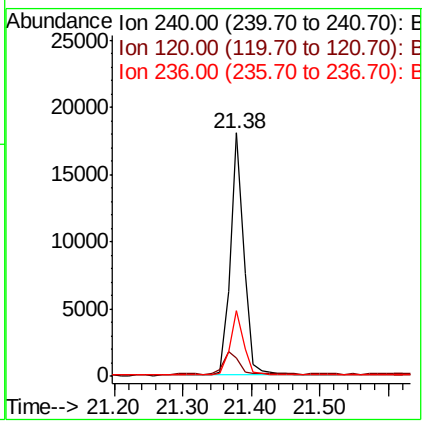


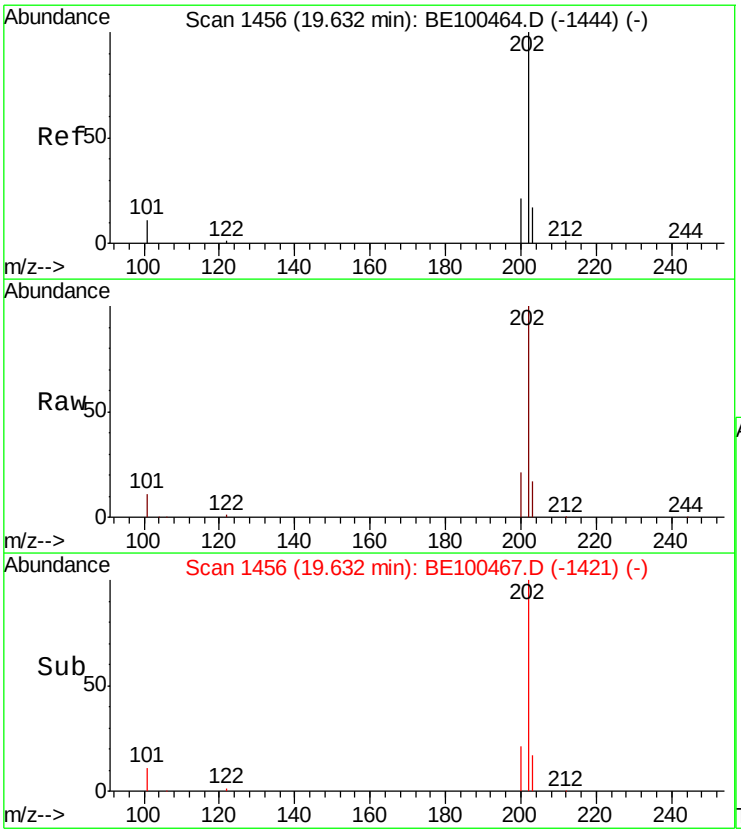
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 24610

Ion	Ratio	Lower	Upper
240	100		
120	7.5	7.1	10.7
236	27.0	21.7	32.5

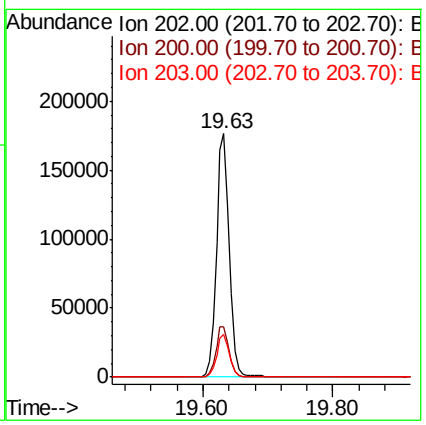


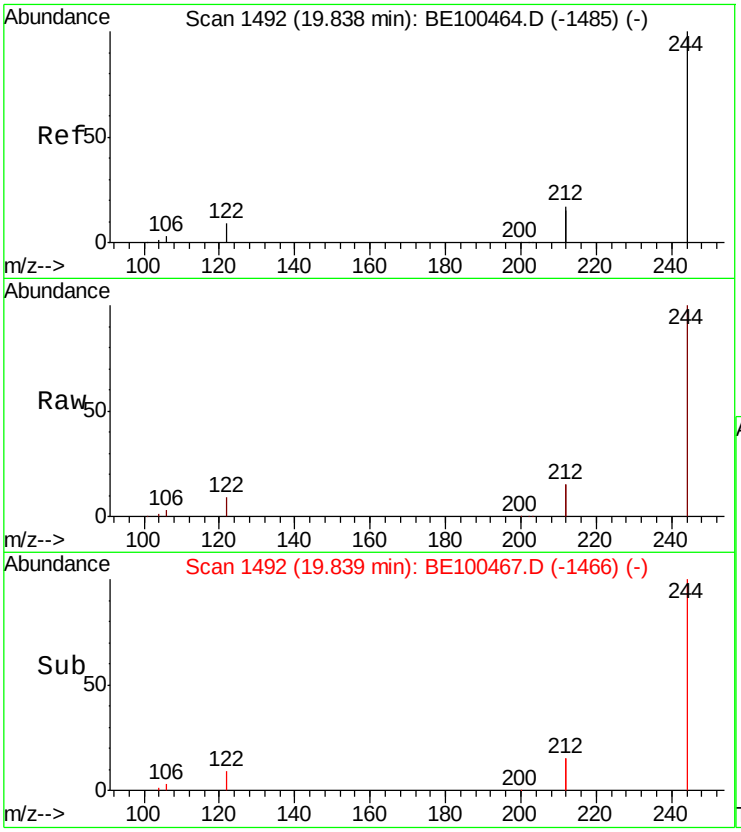


#28
Pyrene
Concen: 3.413 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Tgt Ion:202 Resp: 245722

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.6	13.8	20.8



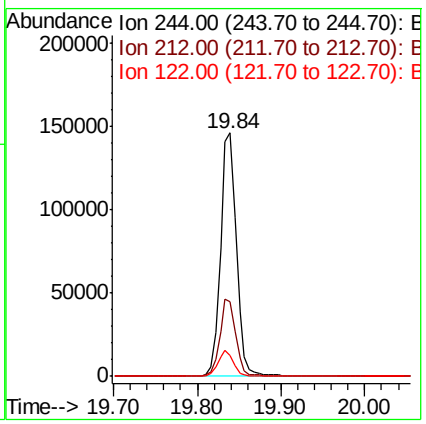


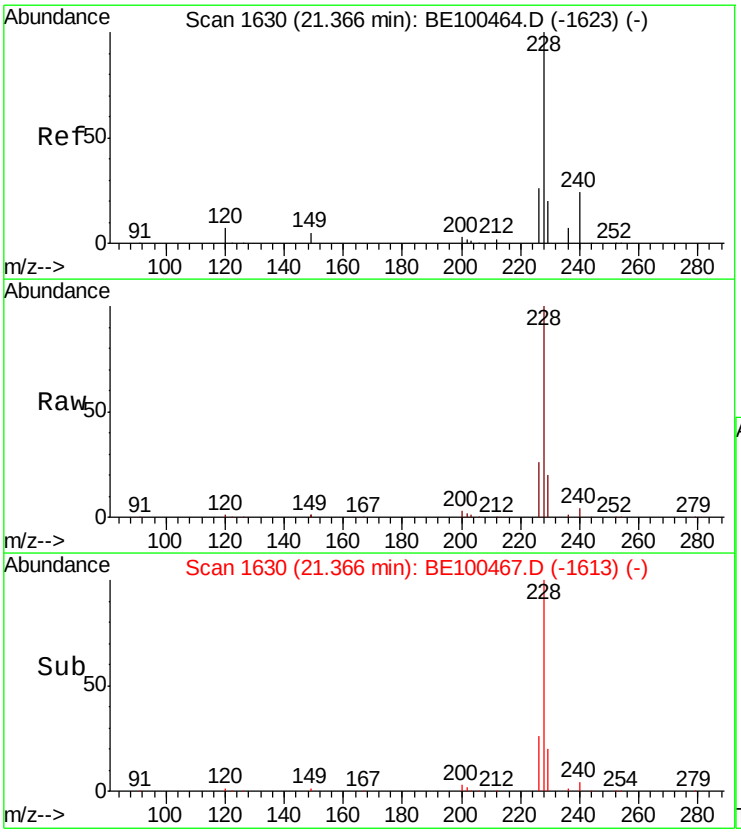
#29
Terphenyl-d14
Concen: 3.186 ng
RT: 19.84 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 192142

Ion	Ratio	Lower	Upper
244	100		
212	30.9	26.6	40.0
122	8.6	7.6	11.4

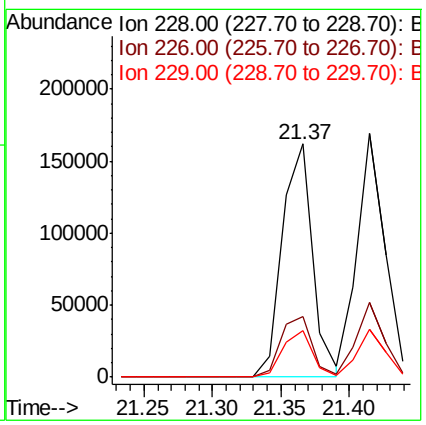


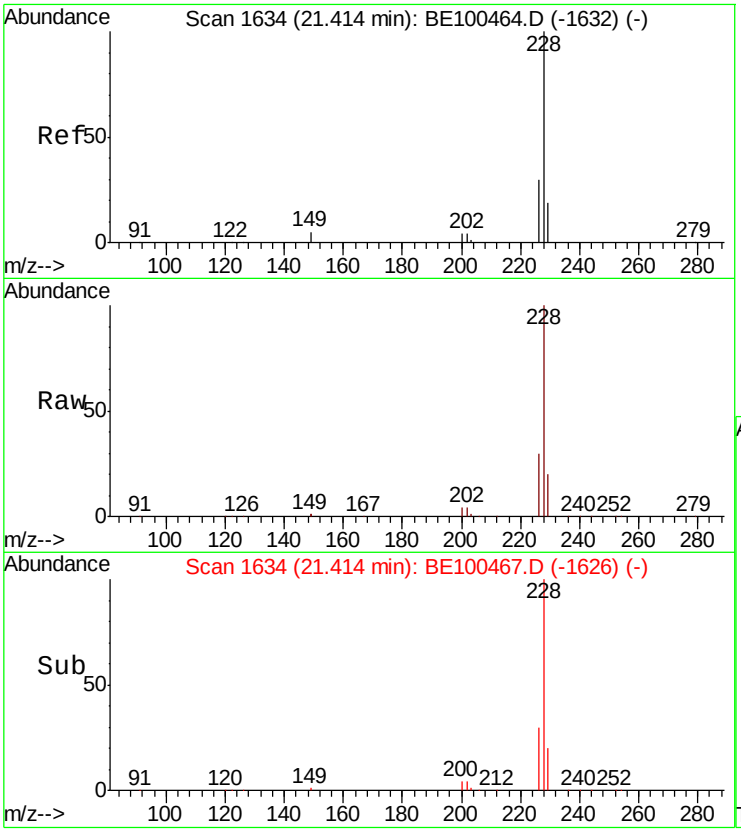


#30
Benzo(a)anthracene
Concen: 3.697 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Tgt Ion:228 Resp: 246960

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.3	31.9
229	19.8	16.6	25.0



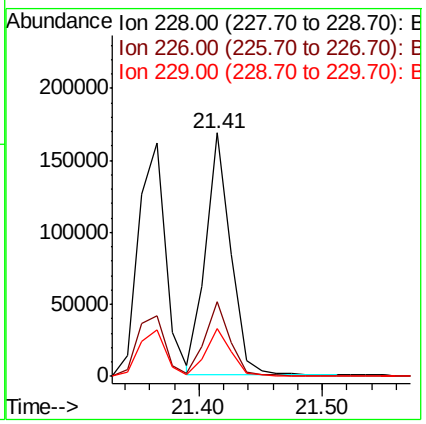


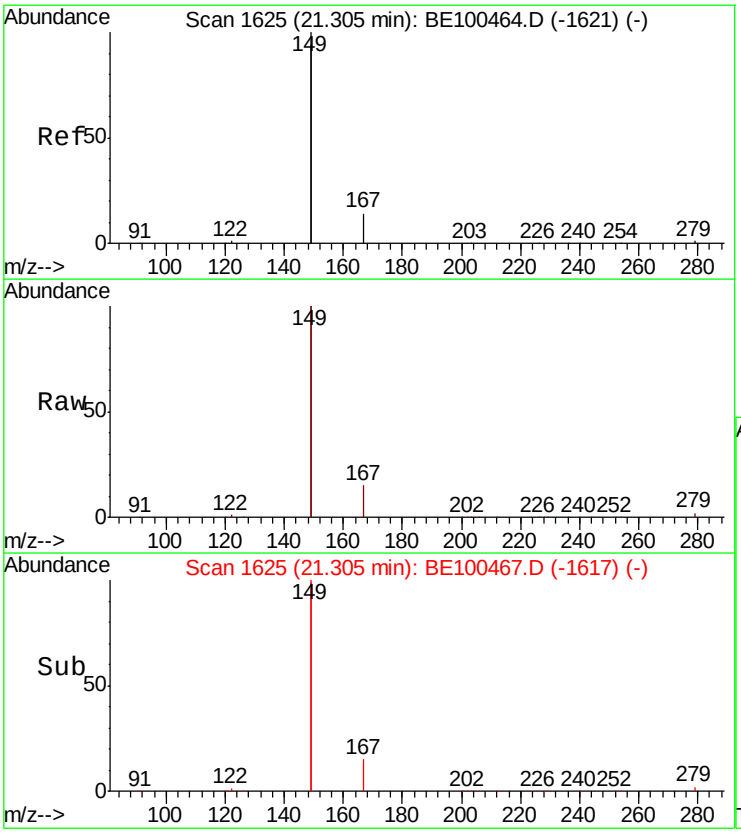
#31
Chrysene
Concen: 3.007 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 238529

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.5	36.7
229	19.7	16.0	24.0

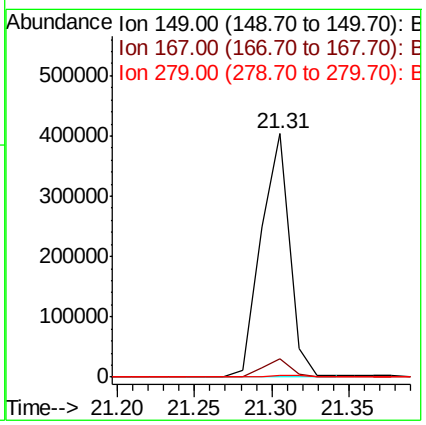


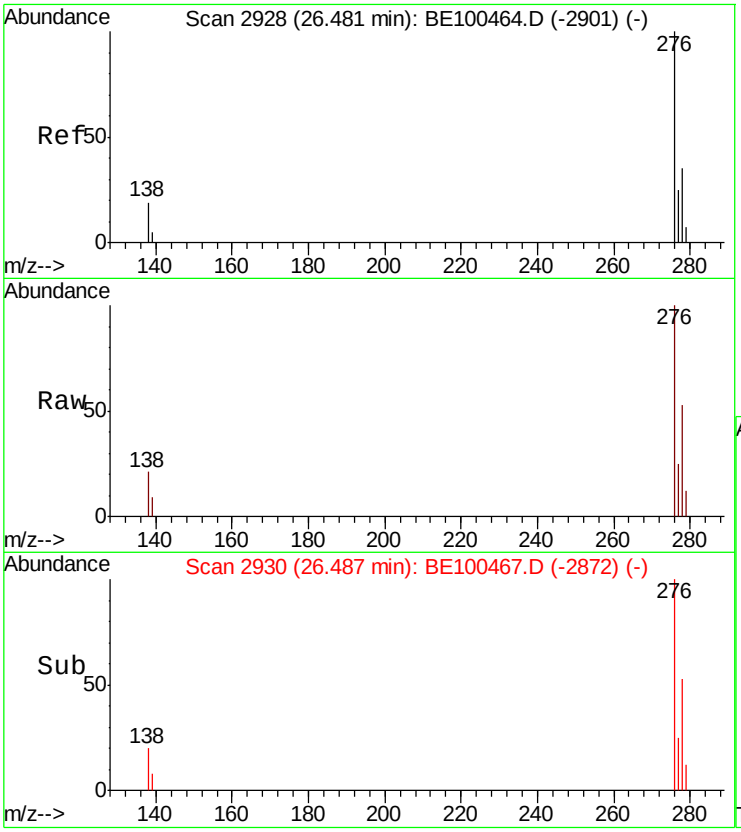


#32
Bis(2-ethylhexyl)phthalate
Concen: 10.751 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Tgt Ion:149 Resp: 515046

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.8	8.6
279	0.9	0.8	1.2



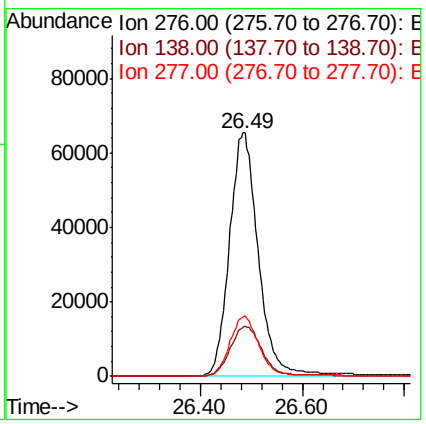


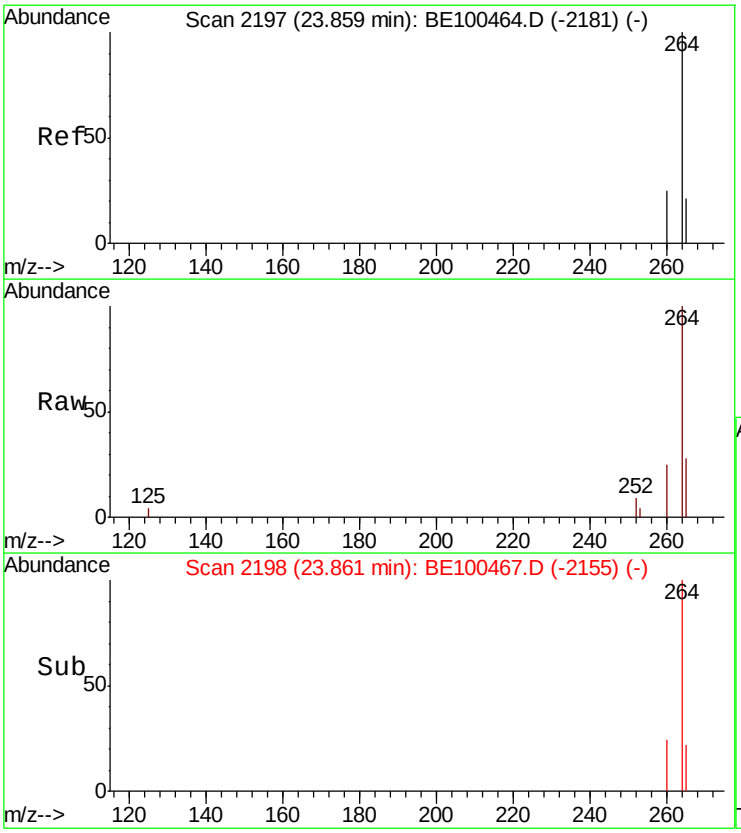
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.613 ng
RT: 26.49 min Scan# 2930
Delta R.T. 0.01 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 254780

Ion	Ratio	Lower	Upper
276	100		
138	22.3	17.4	26.0
277	24.9	19.4	29.0

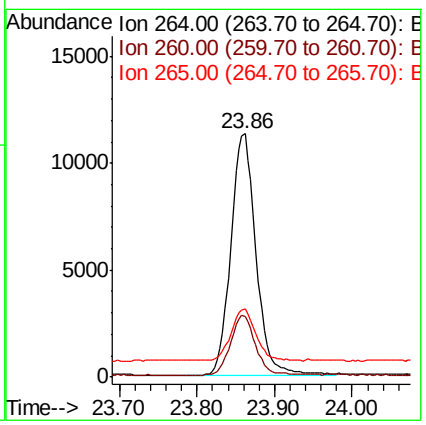


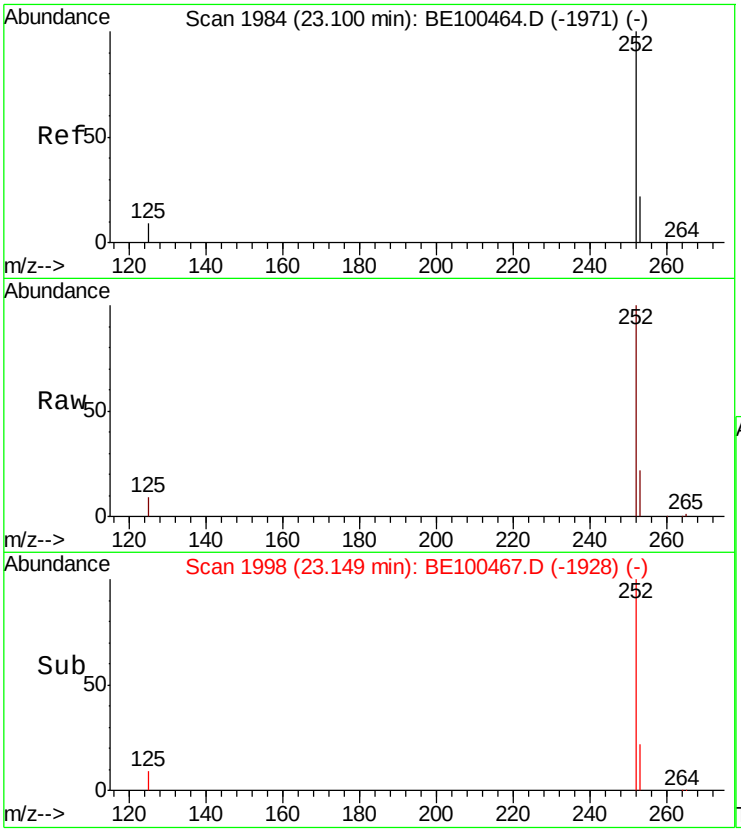


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Tgt Ion:264 Resp: 25329

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.7	31.1
265	28.1	23.4	35.0



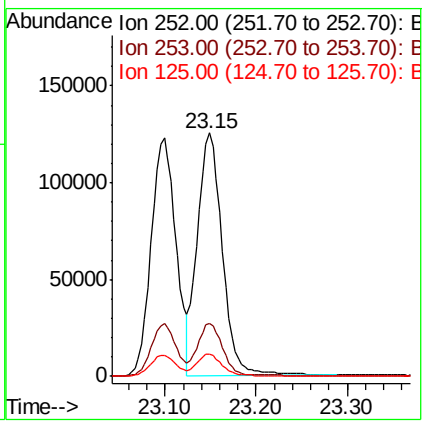


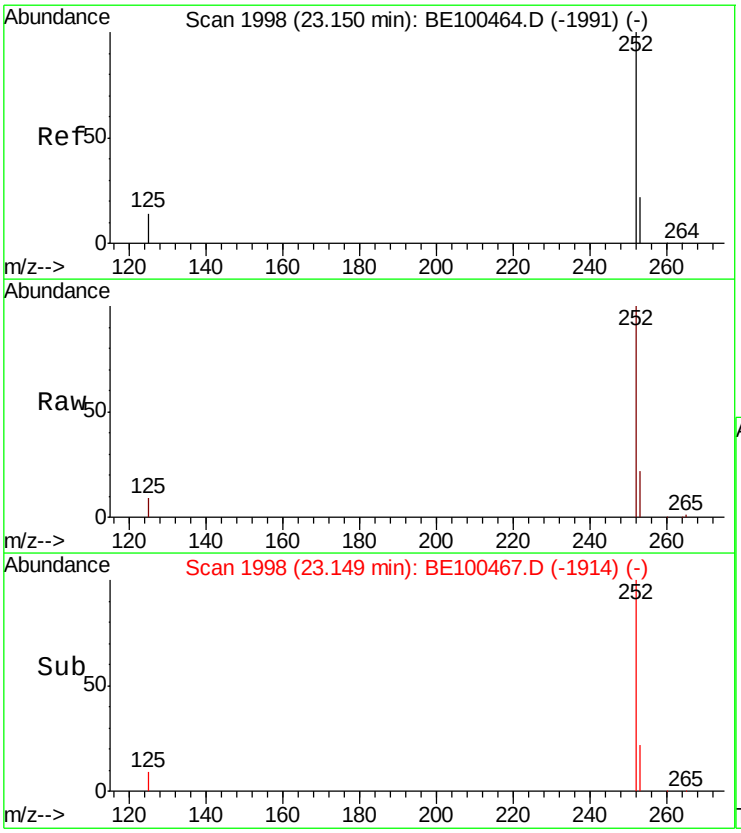
#35
Benzo(b)fluoranthene
Concen: 3.050 ng
RT: 23.15 min Scan# 1998
Delta R.T. 0.05 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 236026

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.5	27.7
125	9.0	9.0	13.4

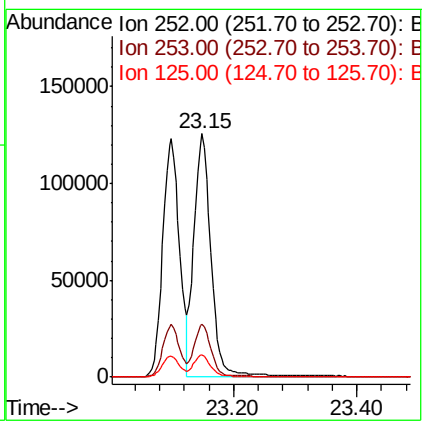


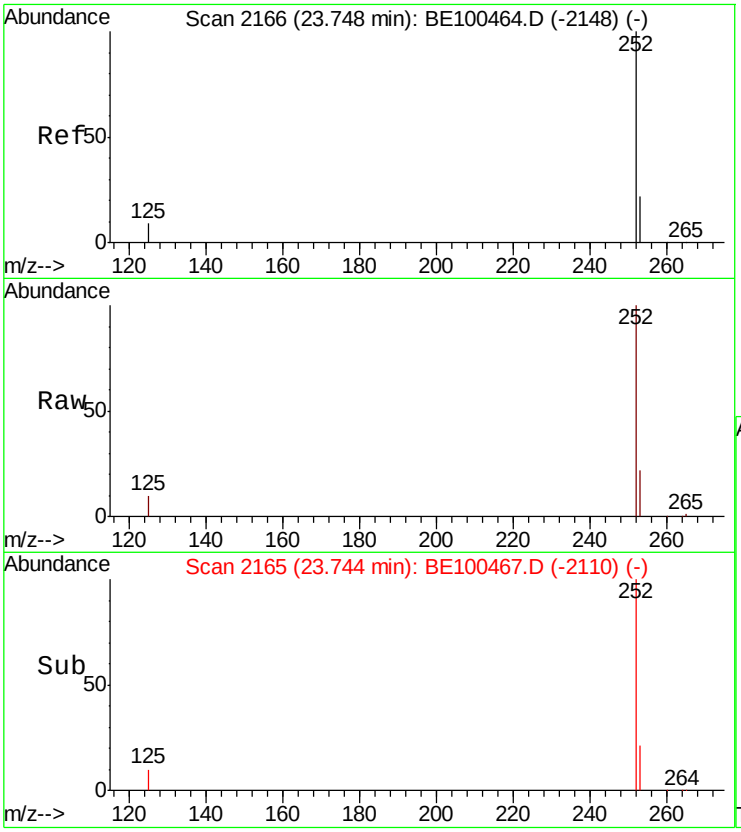


#36
Benzo(k)fluoranthene
Concen: 2.929 ng
RT: 23.15 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Tgt Ion:252 Resp: 239859

Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.0	28.4
125	9.0	11.8	17.8#



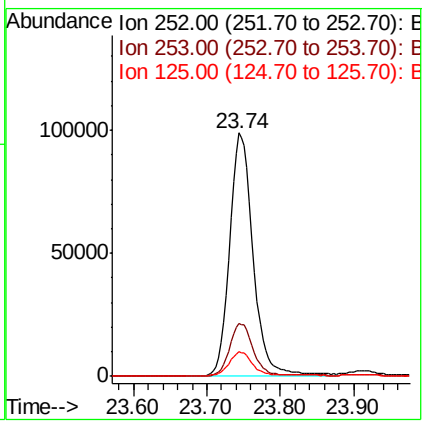


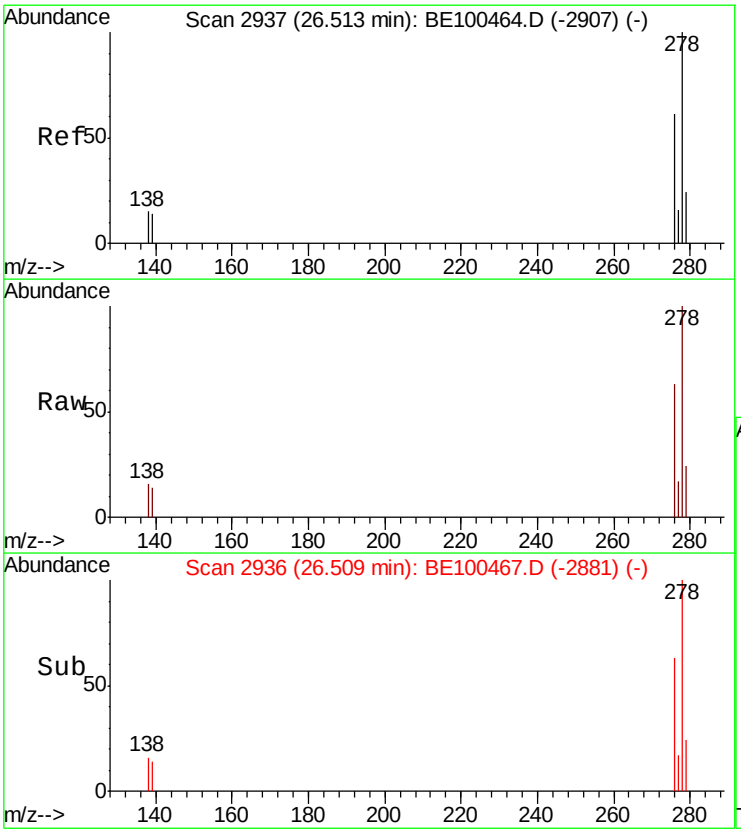
#37
Benzo(a)pyrene
Concen: 3.456 ng
RT: 23.74 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 219897

Ion	Ratio	Lower	Upper
252	100		
253	21.7	19.1	28.7
125	10.1	10.0	15.0

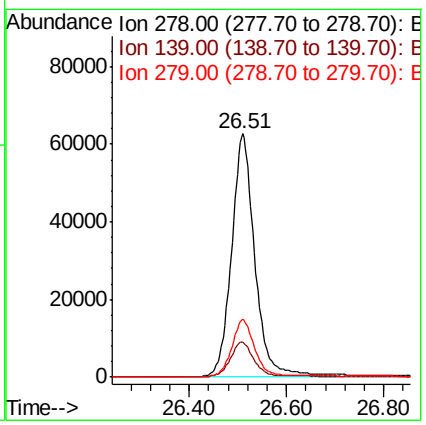


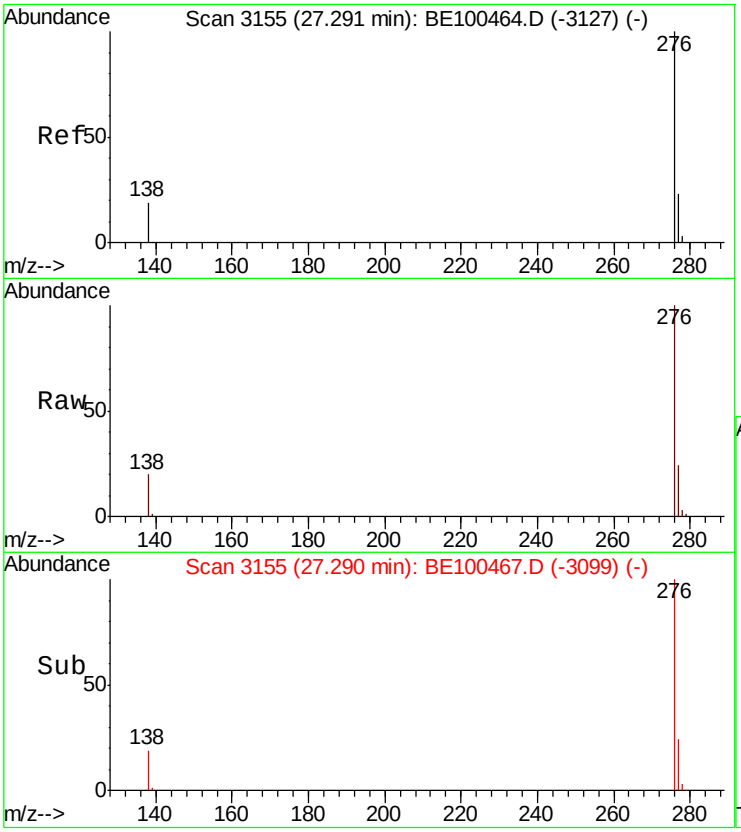


#38
Dibenzo(a,h)anthracene
Concen: 3.074 ng
RT: 26.51 min Scan# 2936
Delta R.T. -0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Tgt Ion:278 Resp: 208583

Ion	Ratio	Lower	Upper
278	100		
139	14.3	13.0	19.6
279	23.9	20.4	30.6





#39
Benzo(g,h,i)perylene
Concen: 2.947 ng
RT: 27.29 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BE100467.D
Acq: 19 Jul 2019 12:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 209133

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.9	29.9
138	19.6	16.7	25.1