Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120419\
Data File : BE100777.D
Acq On : 4 Dec 2019 15:42
Operator : JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Quant Time: Dec 04 17:06:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 14:31:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5493	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	24821	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	14007	0.40	ng		0.00
19) Phenanthrene-d10	17.12	188	30760	0.40	ng		-0.01
27) Chrysene-d12	21.31	240	37869	0.40	ng		0.00
34) Perylene-d12	23.76	264	37238	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	44359	2.98	ng		0.00
5) Phenol-d6	6.93	99	68893	3.19	ng		0.00
8) Nitrobenzene-d5	8.90	82	43958	5.52	ng		0.00
11) 2-Methylnaphthalene-d10	12.14	152	122729	3.37	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	8801	4.46	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	179442	3.30	ng		0.00
25) Fluoranthene-d10	19.16	212	1345939	3.57	ng		0.00
29) Terphenyl-d14	19.77	244	303474	3.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	29810	2.893	ng		93
3) n-Nitrosodimethylamine	3.64	42	30508	4.018	ng	#	96
6) bis(2-Chloroethyl)ether	7.19	93	64823	3.603	ng		99
9) Naphthalene	10.59	128	876505	3.325	ng		100
10) Hexachlorobutadiene	10.89	225	34008	3.361	ng		98
12) 2-Methylnaphthalene	12.21	142	141647	3.399	ng		99
16) Acenaphthylene	14.11	152	213900	3.547	ng		100
17) Acenaphthene	14.46	154	136754	3.382	ng		99
18) Fluorene	15.43	166	183584	3.555	ng		99
20) 4-Bromophenyl-phenylether	16.33	248	55233	3.650	ng		96
21) Hexachlorobenzene	16.44	284	55762	3.530	ng		99
22) Pentachlorophenol	16.79	266	6368	2.220	ng	#	80
23) Phenanthrene	17.17	178	320655	3.461	ng		100
24) Anthracene	17.25	178	294959	3.695	ng		99
26) Fluoranthene	19.19	202	419268	3.699	ng		99
28) Pyrene	19.55	202	414108	3.531	ng		100
30) Benzo(a)anthracene	21.29	228	404553	3.167	ng		99
31) Chrysene	21.34	228	426135	3.281	ng		100
32) Bis(2-ethylhexyl)phthalate	21.25	149	444132	1.933	ng		100
33) Indeno(1,2,3-cd)pyrene	26.34	276	402937	2.960	ng		100
35) Benzo(b)fluoranthene	23.01	252	365282	3.126	ng		99
36) Benzo(k)fluoranthene	23.06	252	418320	3.433	ng		99
37) Benzo(a)pyrene	23.65	252	329607	3.199	ng		97
38) Dibenzo(a,h)anthracene	26.37	278	336440	3.104	ng		98
39) Benzo(g,h,i)perylene	27.13	276	335813	2.974	ng		98

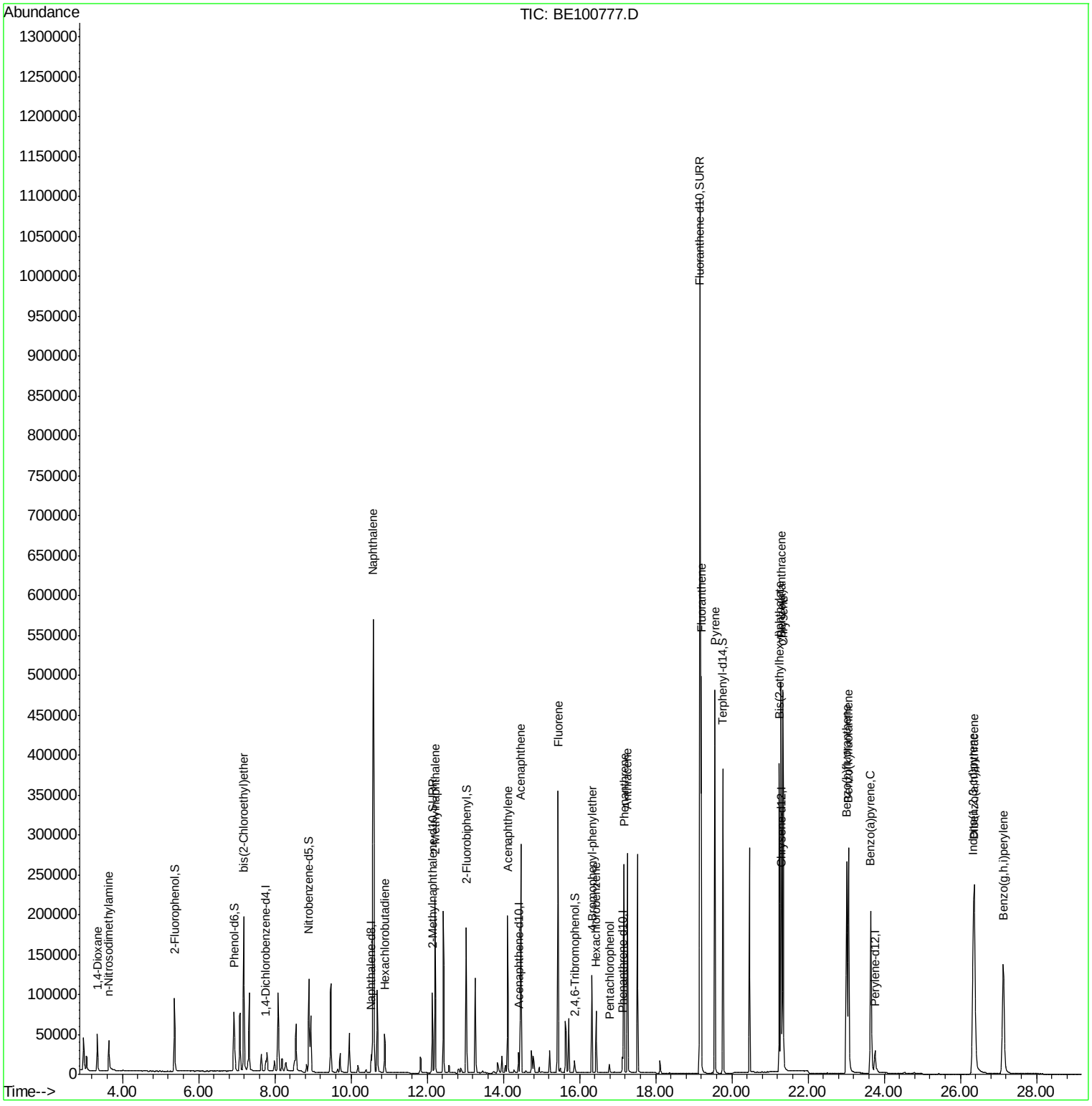
(#) = qualifier out of range (m) = manual integration (+) = signals summed

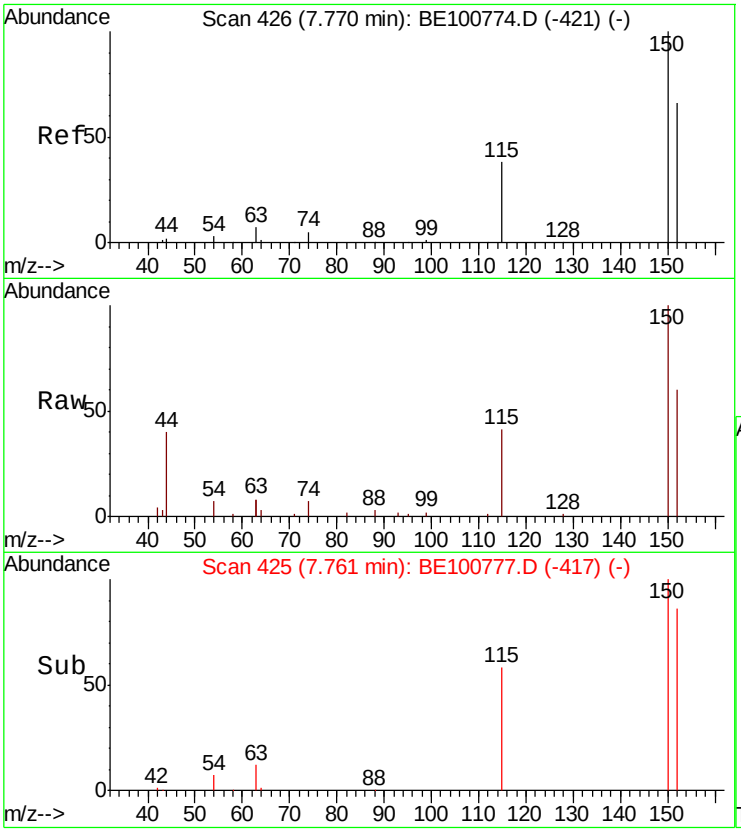
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120419\
Data File : BE100777.D
Acq On : 4 Dec 2019 15:42
Operator : JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Quant Time: Dec 04 17:06:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 14:31:40 2019
Response via : Initial Calibration



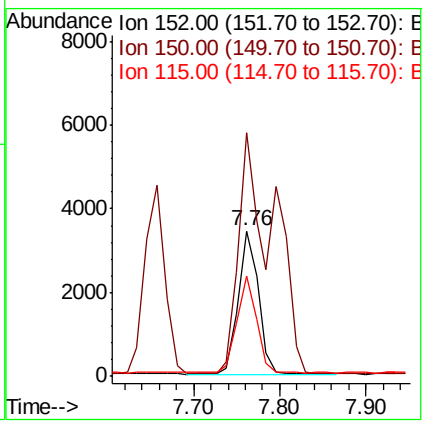


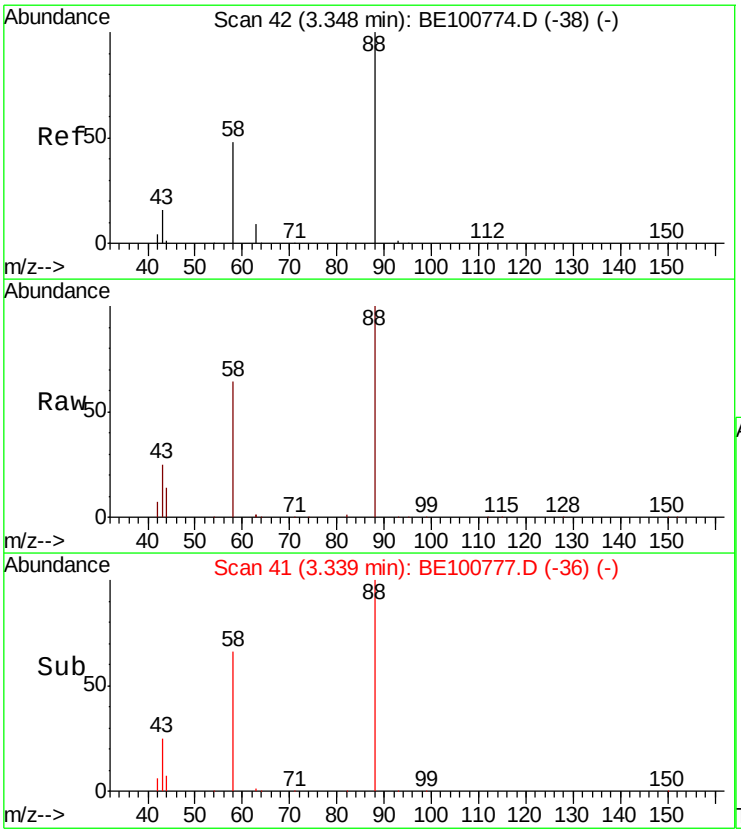
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 5493

Ion	Ratio	Lower	Upper
152	100		
150	167.6	120.6	181.0
115	69.3	47.4	71.2

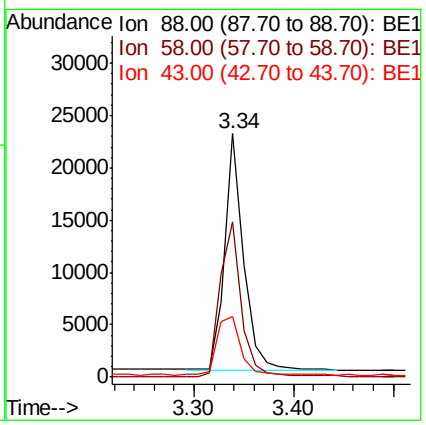


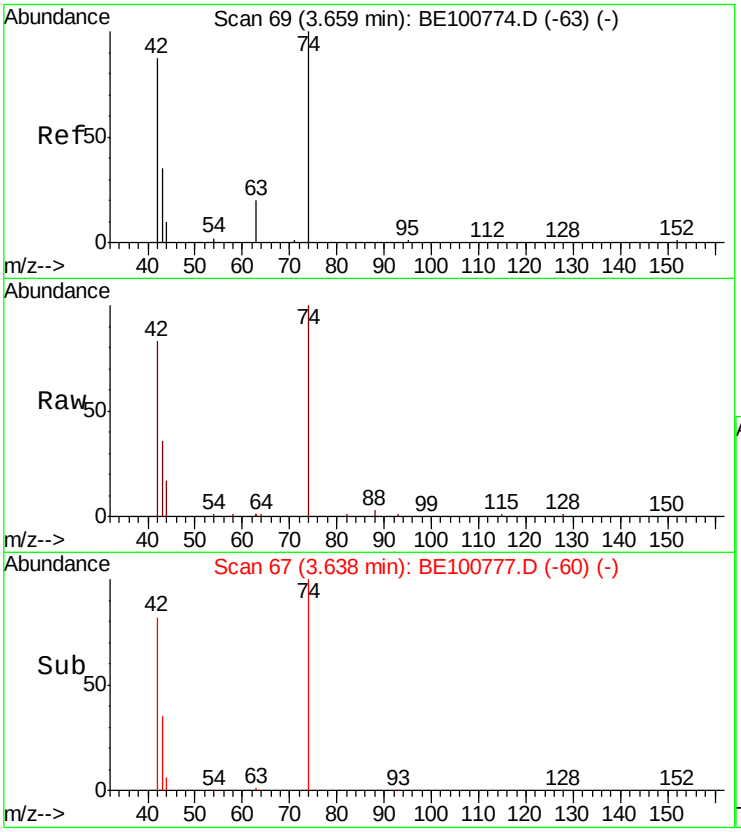


#2
1,4-Dioxane
Concen: 2.893 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Tgt Ion: 88 Resp: 29810

Ion	Ratio	Lower	Upper
88	100		
58	72.6	52.5	78.7
43	30.6	23.0	34.6



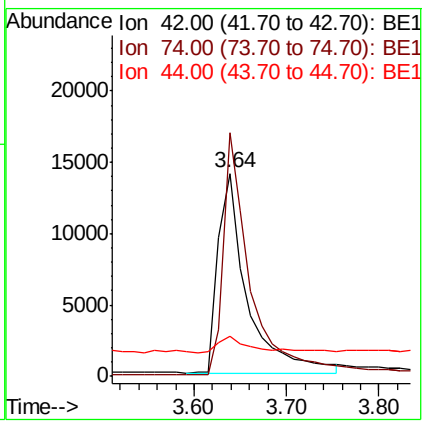


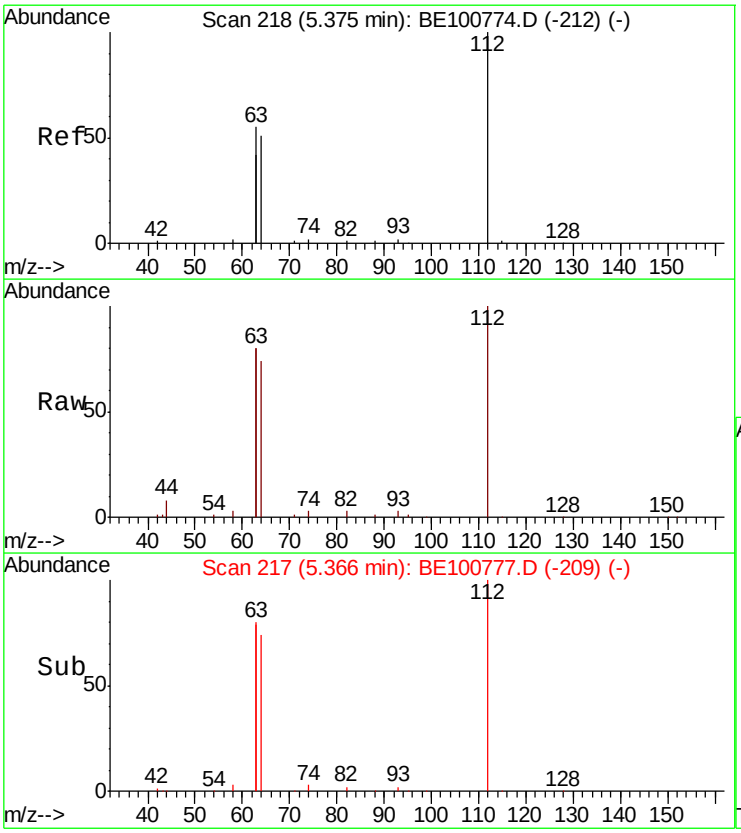
#3
n-Nitrosodimethylamine
Concen: 4.018 ng
RT: 3.64 min Scan# 67
Delta R.T. -0.02 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 30508

Ion	Ratio	Lower	Upper
42	100		
74	111.6	86.3	129.5
44	10.0	11.6	17.4#

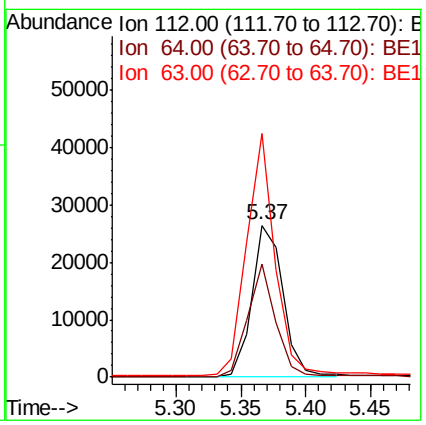


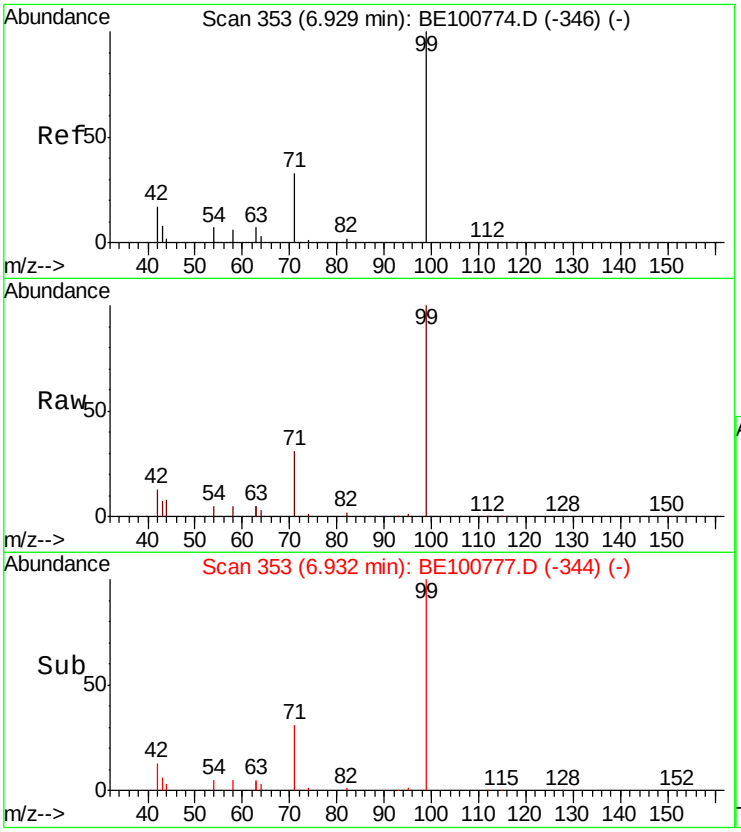


#4
2-Fluorophenol
Concen: 2.983 ng
RT: 5.37 min Scan# 217
Delta R.T. -0.01 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Tgt Ion:112 Resp: 44359

Ion	Ratio	Lower	Upper
112	100		
64	66.2	54.1	81.1
63	143.7	113.2	169.8



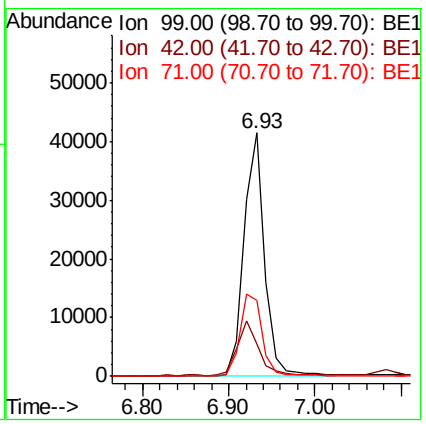


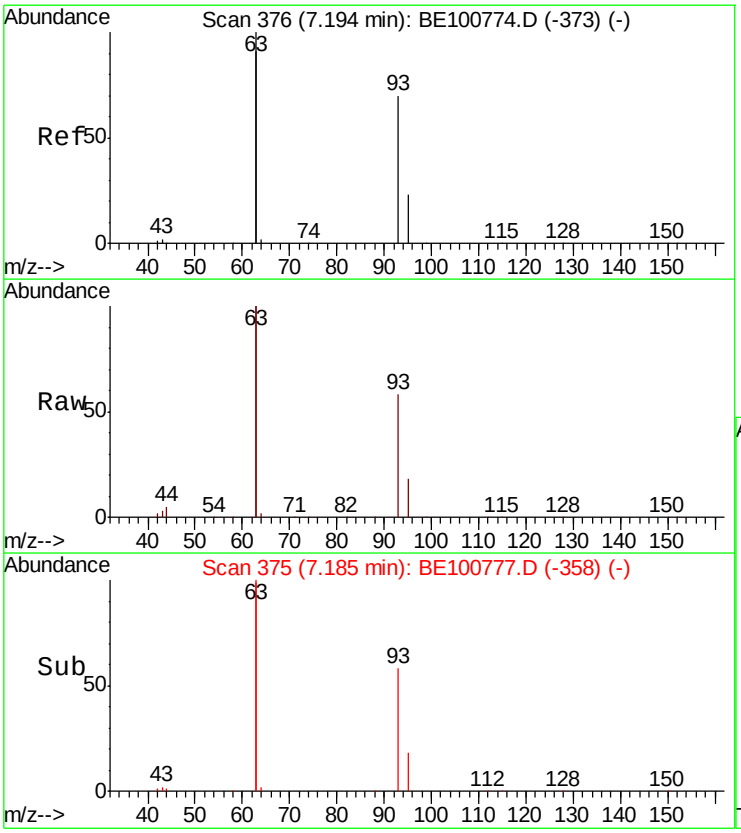
#5
Phenol-d6
Concen: 3.193 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 68893

Ion	Ratio	Lower	Upper
99	100		
42	22.8	19.1	28.7
71	36.5	27.7	41.5

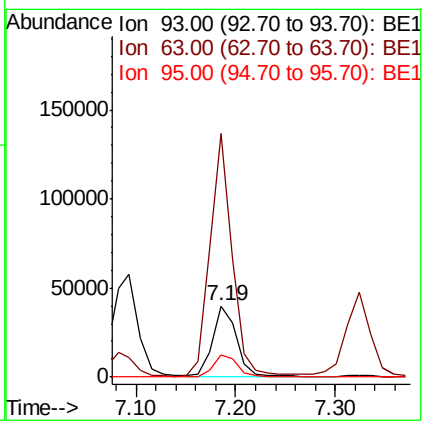


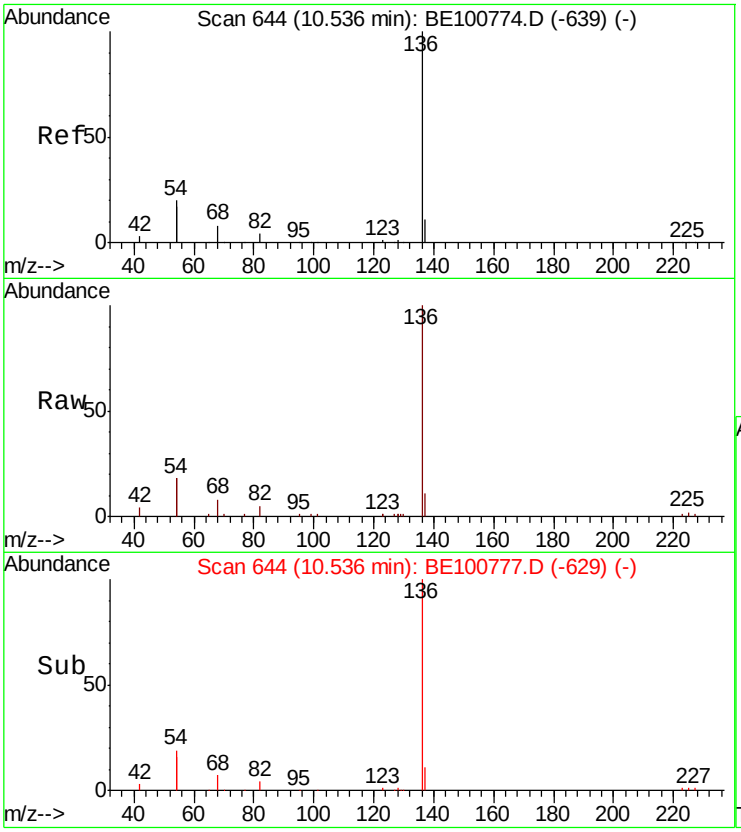


#6
bis(2-Chloroethyl)ether
Concen: 3.603 ng
RT: 7.19 min Scan# 375
Delta R.T. -0.01 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Tgt Ion: 93 Resp: 64823

Ion	Ratio	Lower	Upper
93	100		
63	322.4	259.4	389.0
95	32.0	26.2	39.2



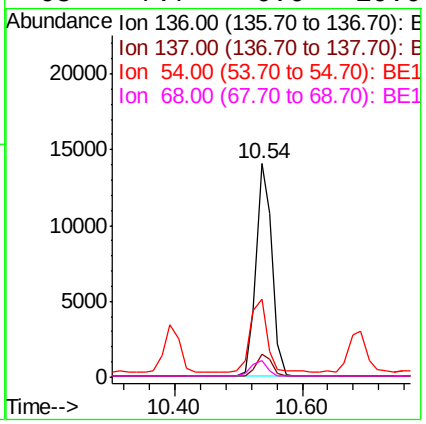


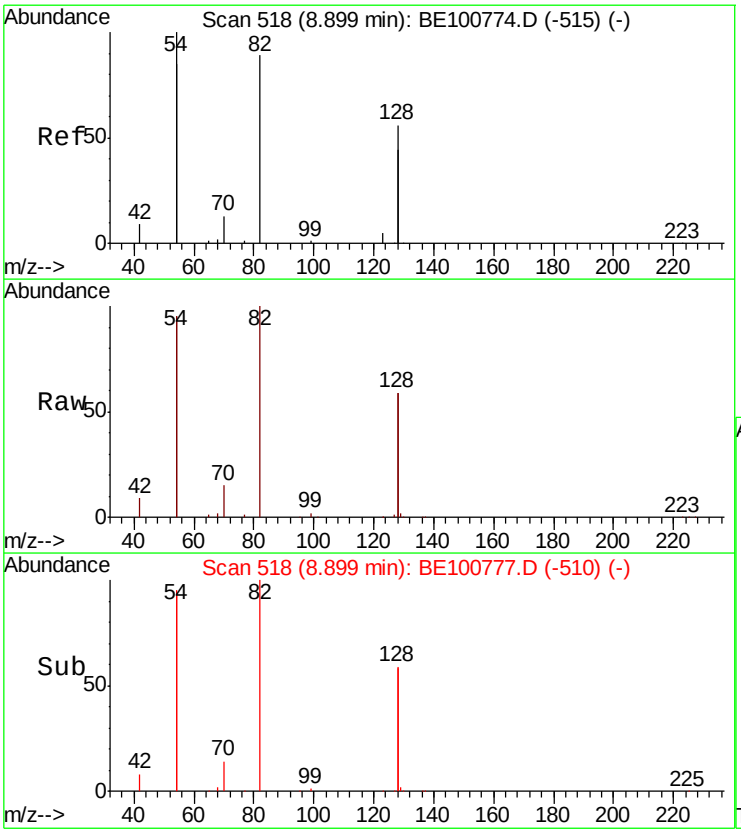
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. -0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 24821

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.4	14.0
54	36.8	31.1	46.7
68	7.7	6.6	10.0

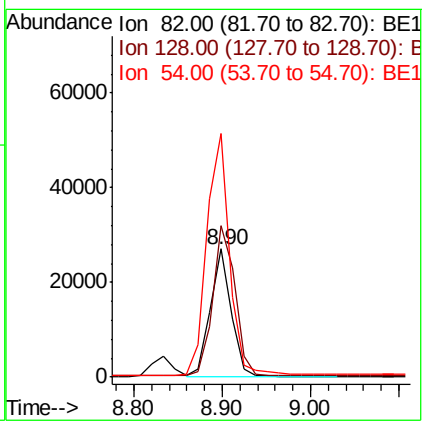


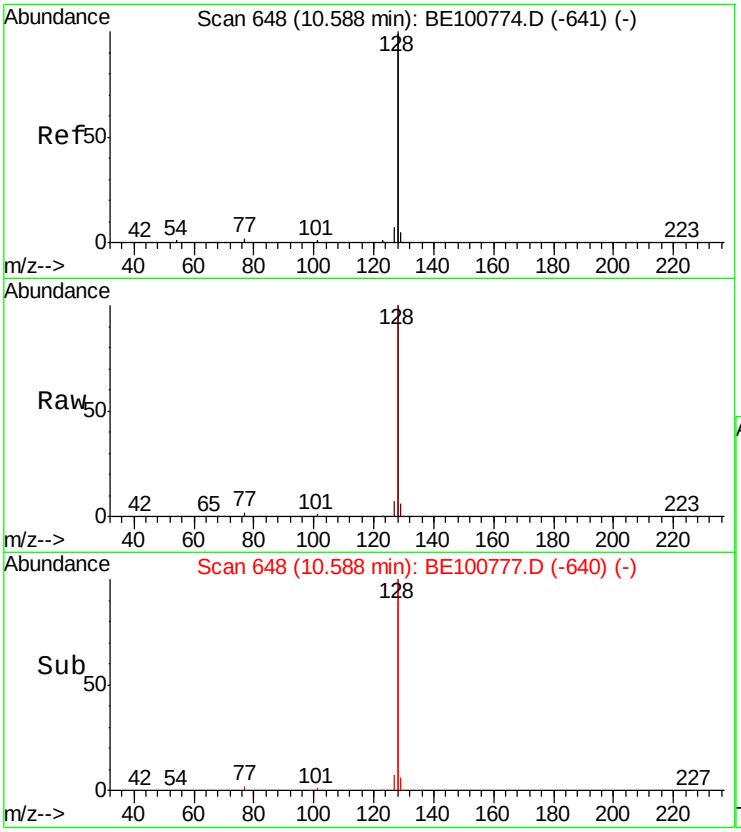


#8
Nitrobenzene-d5
Concen: 5.524 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Tgt Ion: 82 Resp: 43958

Ion	Ratio	Lower	Upper
82	100		
128	118.2	97.0	145.4
54	189.9	171.8	257.6



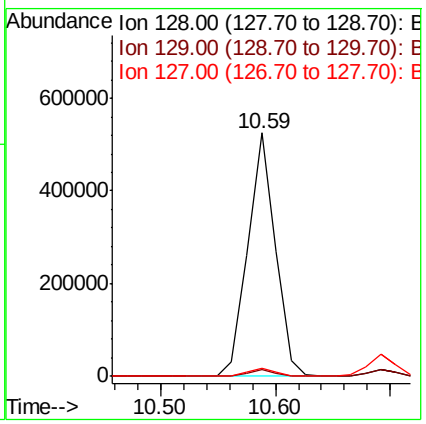


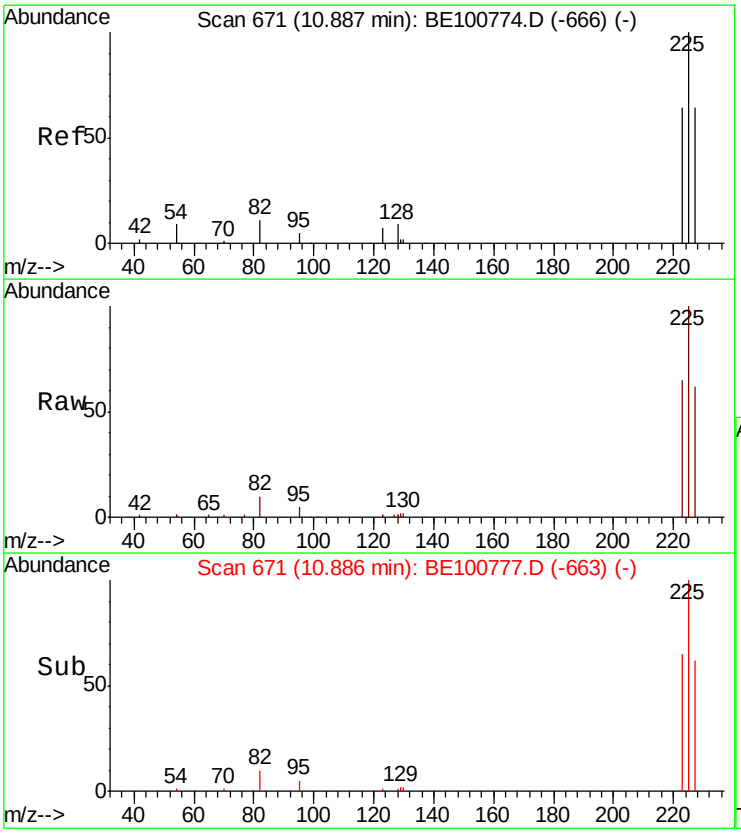
#9
Naphthalene
Concen: 3.325 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 876505

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.2	3.4
127	3.3	2.7	4.1

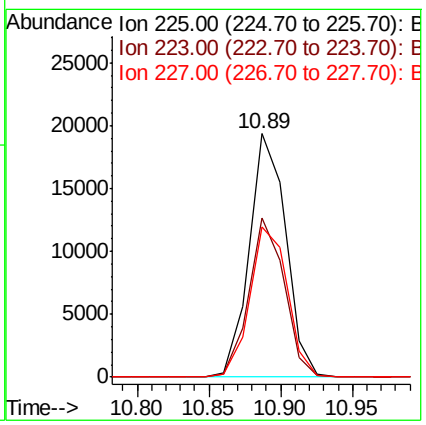


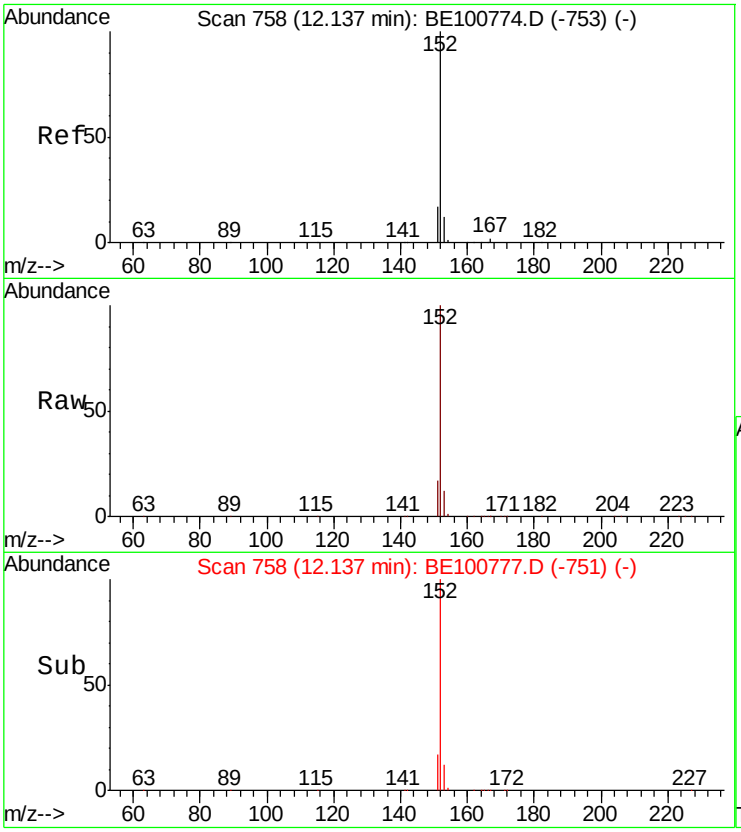


#10
Hexachlorobutadiene
Concen: 3.361 ng
RT: 10.89 min Scan# 671
Delta R.T. -0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Tgt Ion:225 Resp: 34008

Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.9	74.9
227	63.2	52.2	78.4



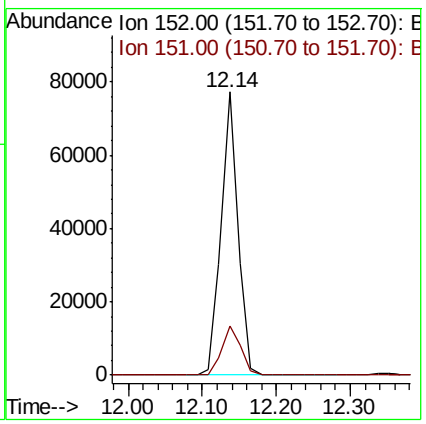


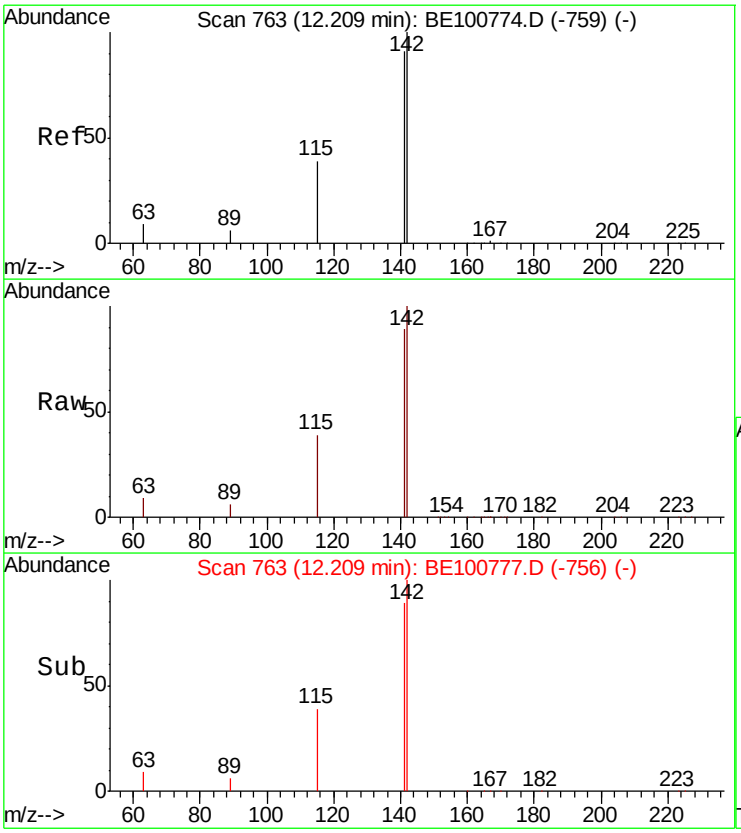
#11
2-Methylnaphthalene-d10
Concen: 3.372 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 122729

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.8	23.8

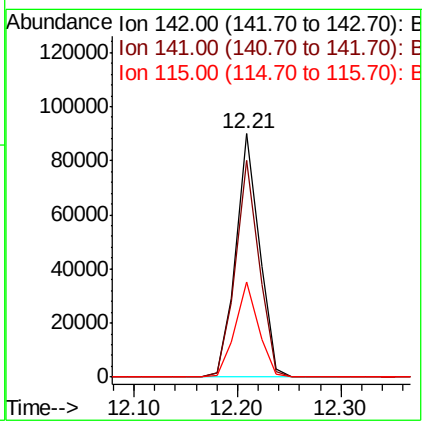


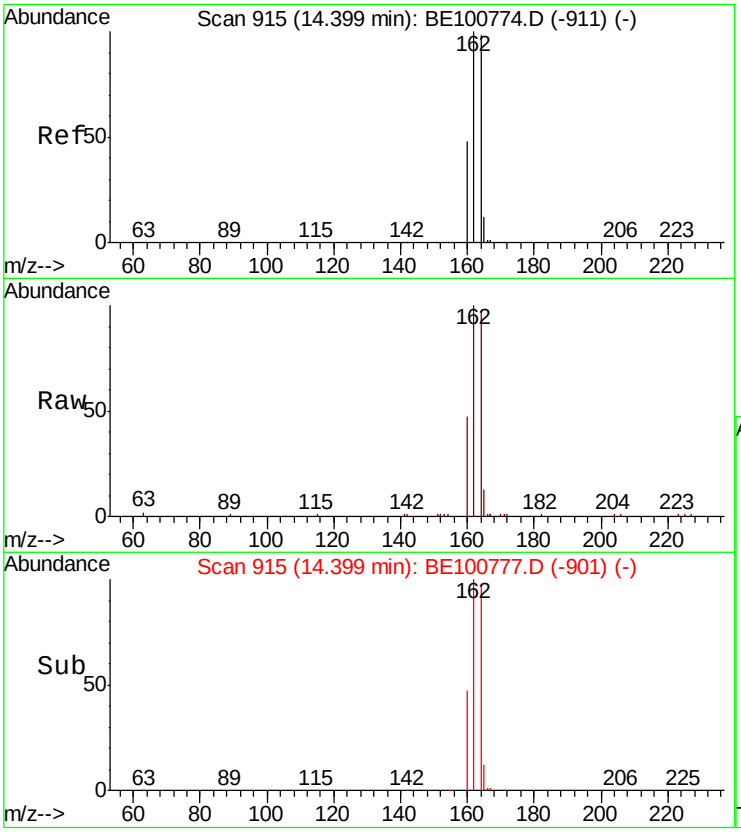


#12
2-Methylnaphthalene
Concen: 3.399 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Tgt Ion:142 Resp: 141647

Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.6	108.8
115	39.3	31.8	47.6



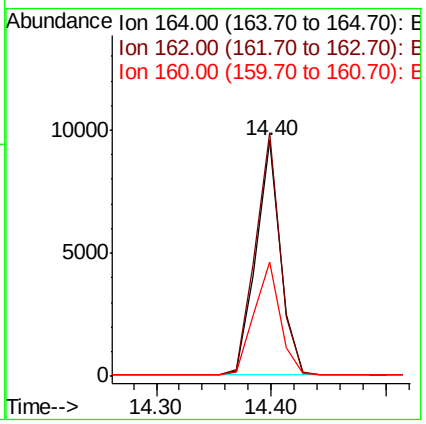


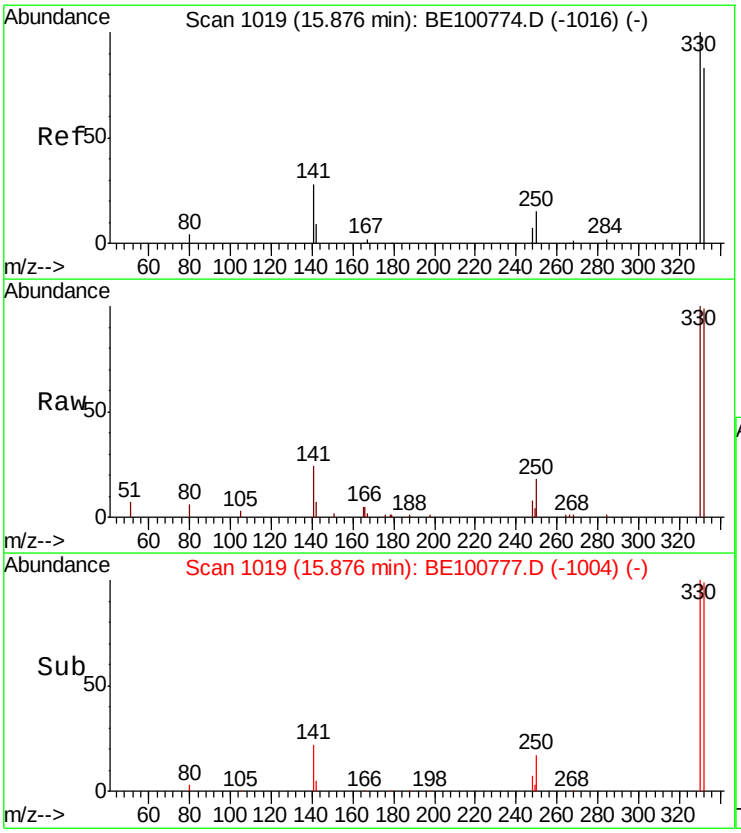
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. 0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 14007

Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.4	122.0
160	48.6	39.4	59.0

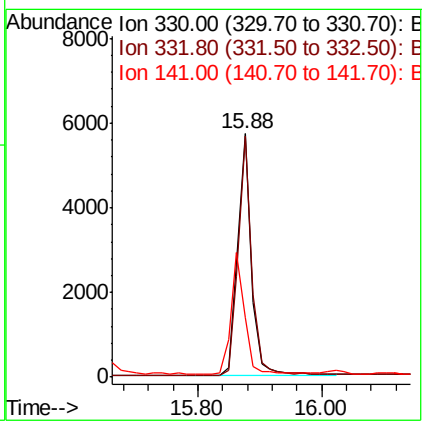


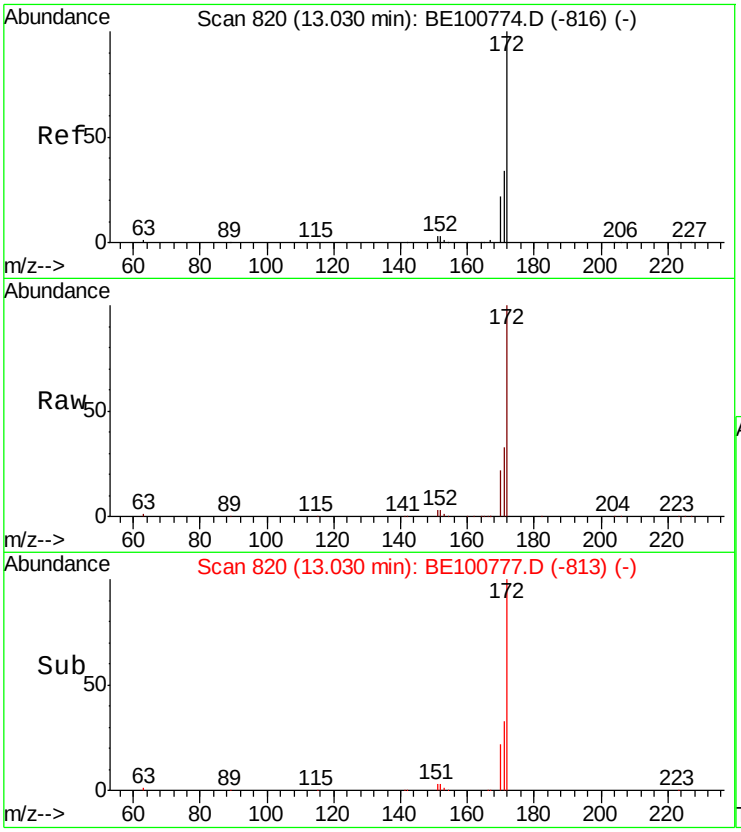


#14
2,4,6-Tribromophenol
Concen: 4.458 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Tgt Ion:330 Resp: 8801

Ion	Ratio	Lower	Upper
330	100		
332	97.8	69.4	104.2
141	50.3	51.1	76.7#



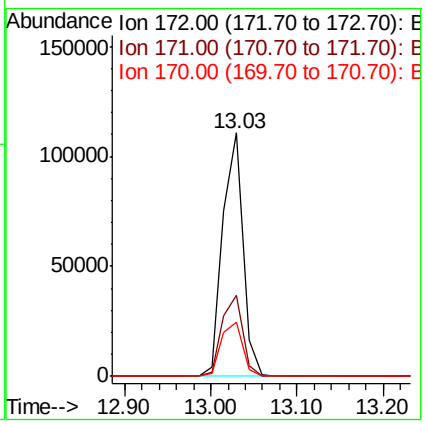


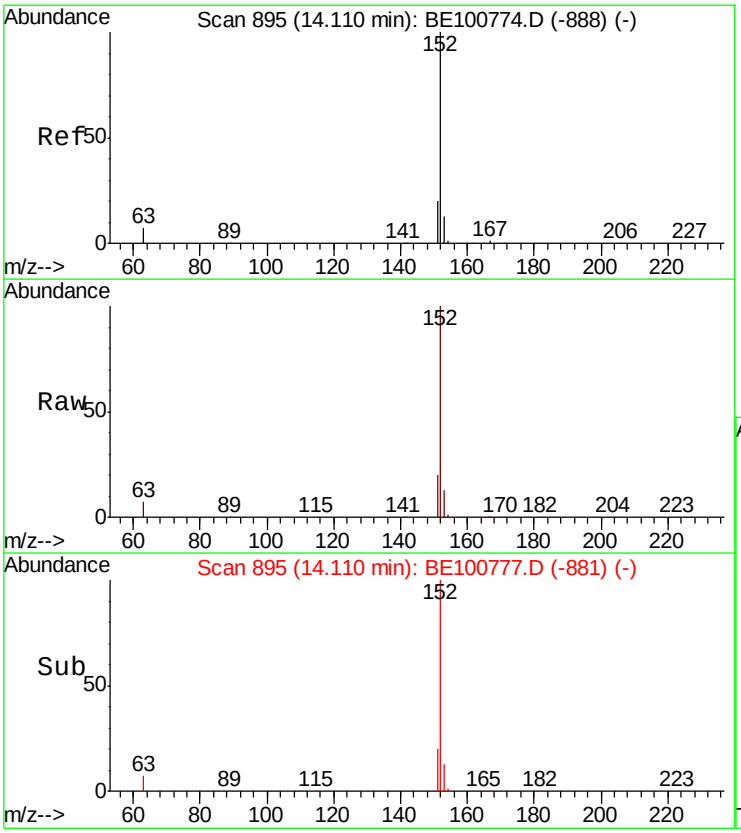
#15
2-Fluorobiphenyl
Concen: 3.299 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 179442

Ion	Ratio	Lower	Upper
172	100		
171	33.1	27.2	40.8
170	22.3	18.0	27.0

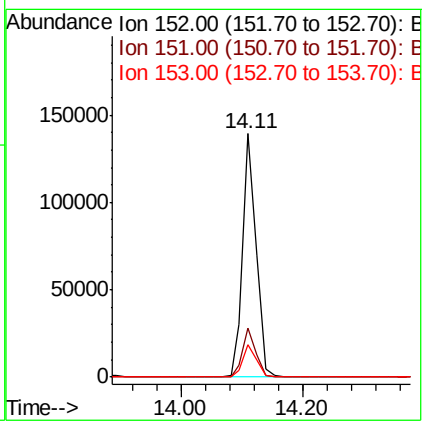


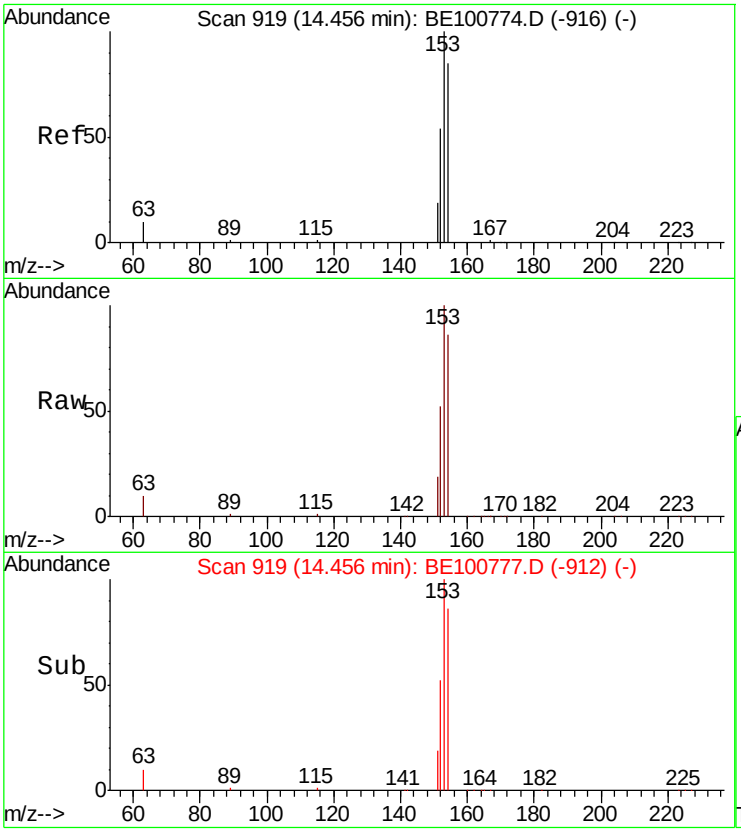


#16
Acenaphthylene
Concen: 3.547 ng
RT: 14.11 min Scan# 895
Delta R.T. -0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Tgt Ion:152 Resp: 213900

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.1	10.4	15.6



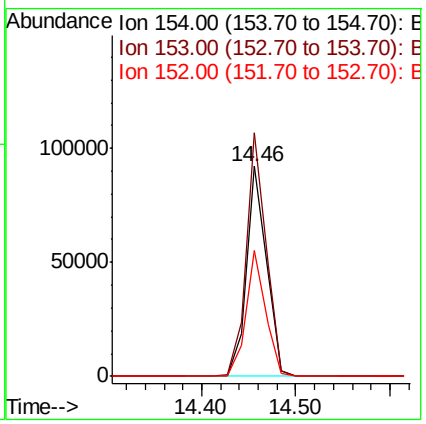


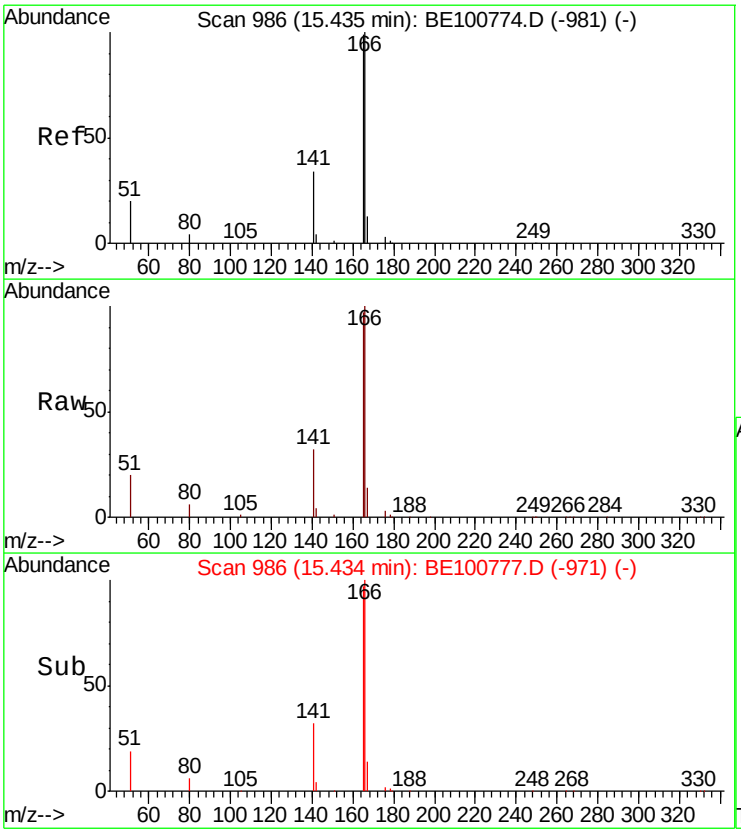
#17
Acenaphthene
Concen: 3.382 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 136754

Ion	Ratio	Lower	Upper
154	100		
153	114.9	92.2	138.2
152	59.0	49.1	73.7

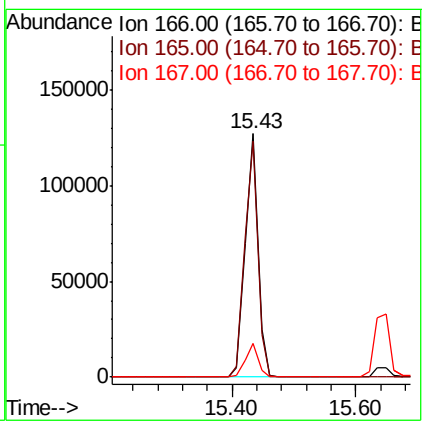


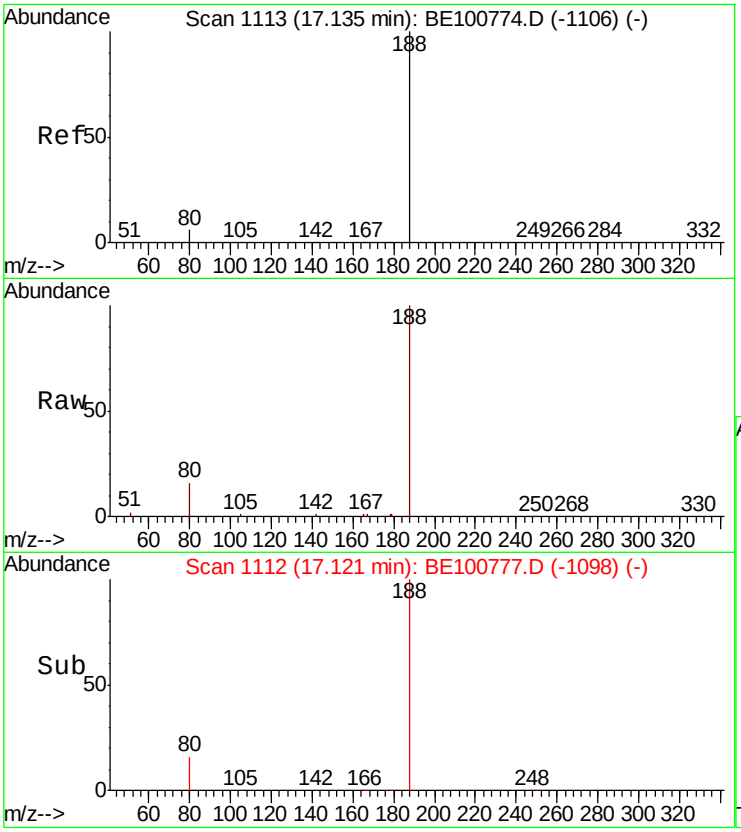


#18
Fluorene
Concen: 3.555 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Tgt Ion:166 Resp: 183584

Ion	Ratio	Lower	Upper
166	100		
165	99.4	80.5	120.7
167	13.5	10.7	16.1



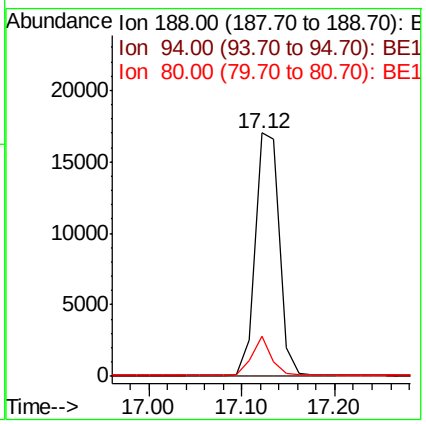


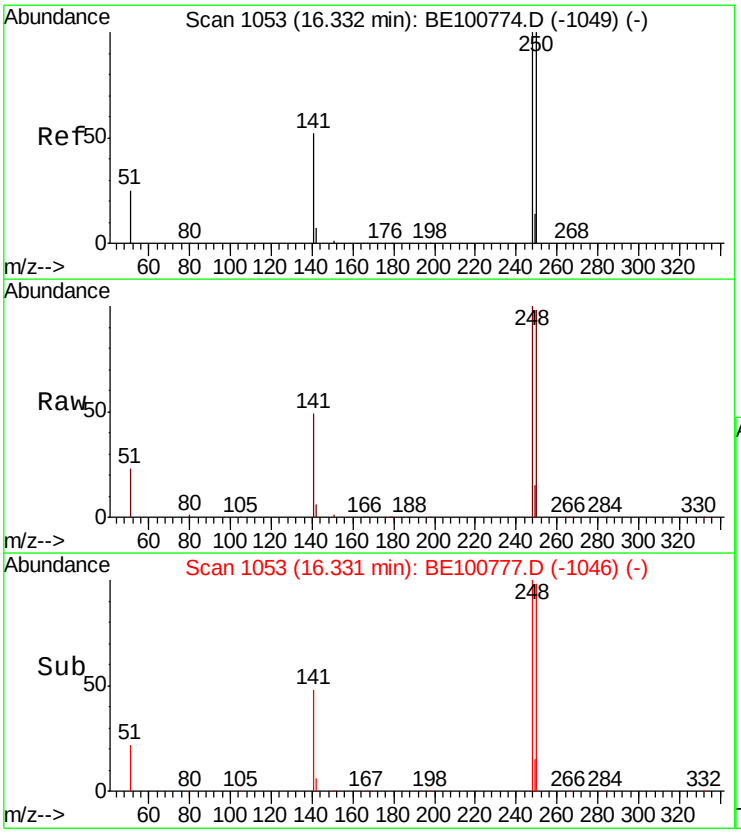
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 30760

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	16.2	5.2	7.8#

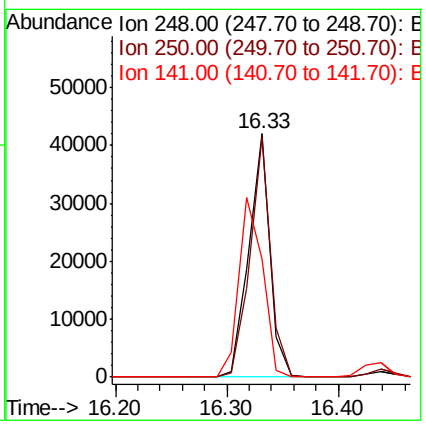


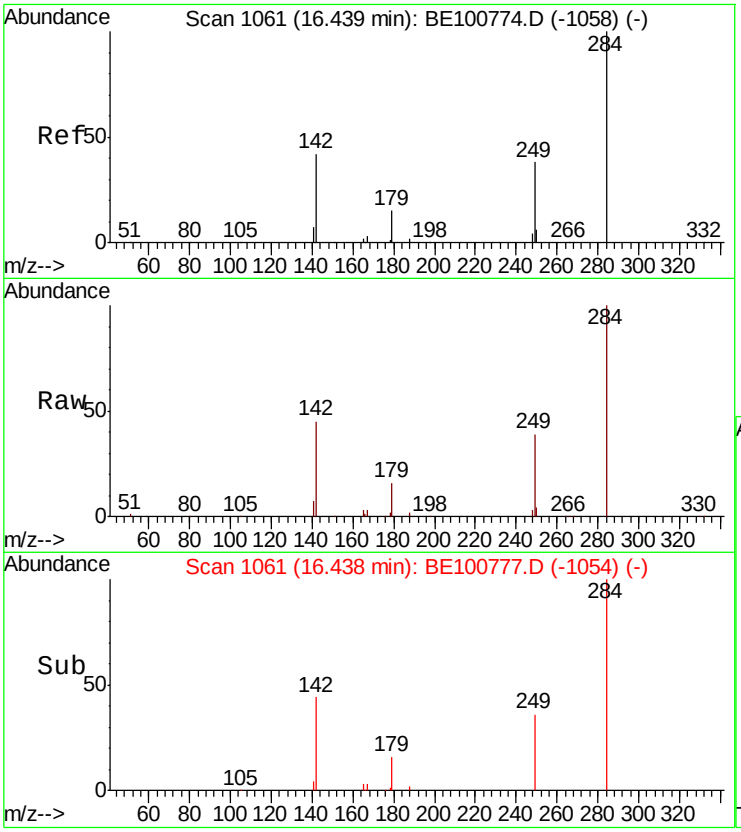


#20
4-Bromophenyl-phenylether
Concen: 3.650 ng
RT: 16.33 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Tgt Ion:248 Resp: 55233

Ion	Ratio	Lower	Upper
248	100		
250	98.4	80.5	120.7
141	48.6	42.6	64.0



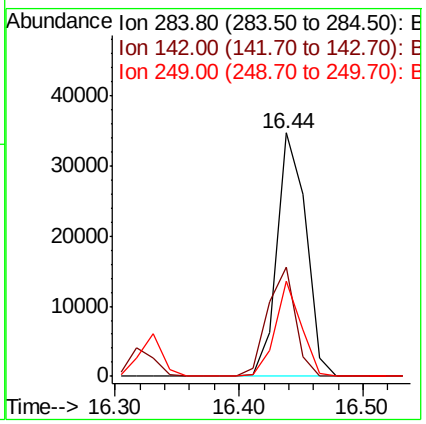


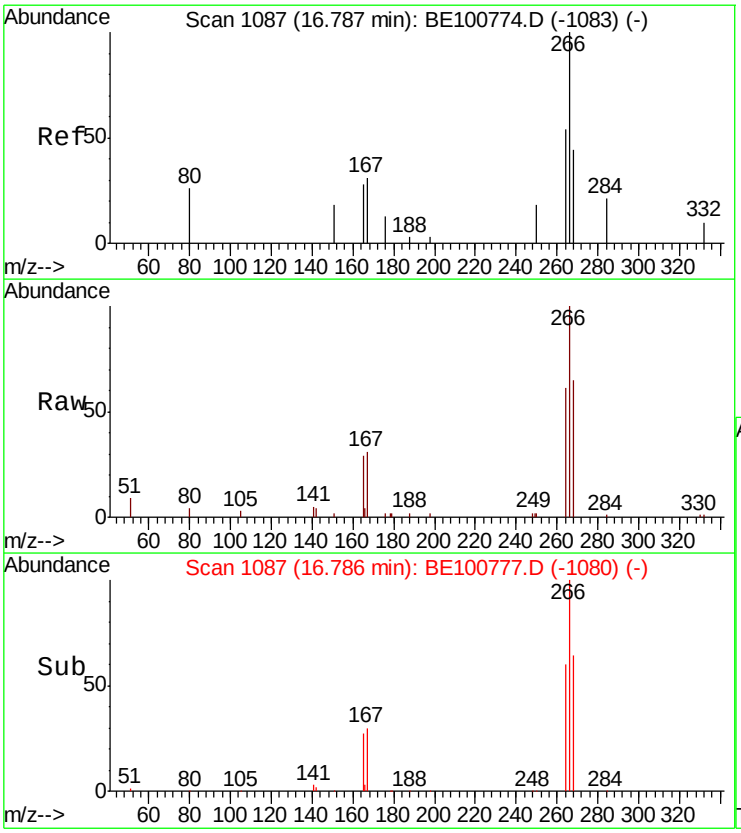
#21
Hexachlorobenzene
Concen: 3.530 ng
RT: 16.44 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 55762

Ion	Ratio	Lower	Upper
284	100		
142	43.1	34.4	51.6
249	34.9	28.5	42.7

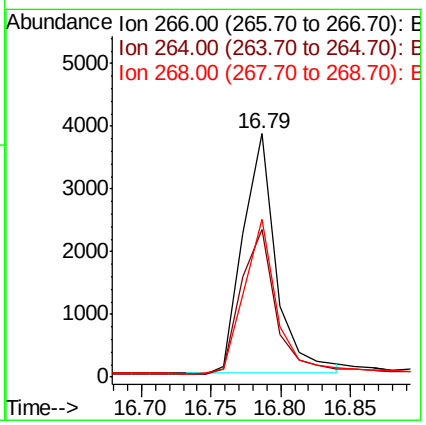


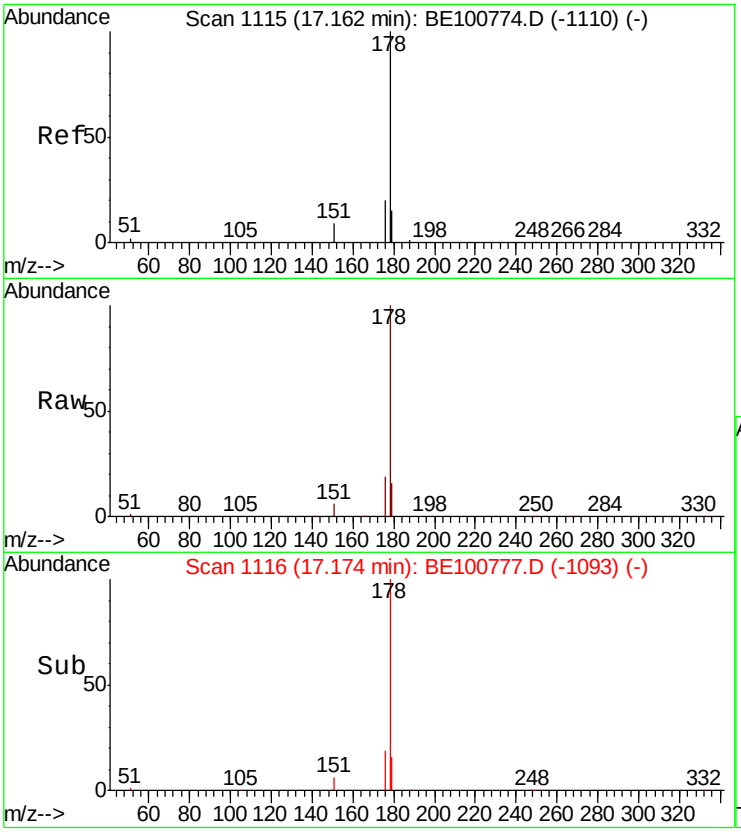


#22
Pentachlorophenol
Concen: 2.220 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Tgt Ion:266 Resp: 6368

Ion	Ratio	Lower	Upper
266	100		
264	60.7	63.4	95.0#
268	64.8	65.8	98.8#



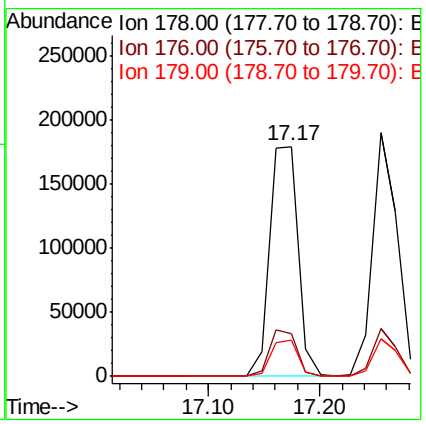


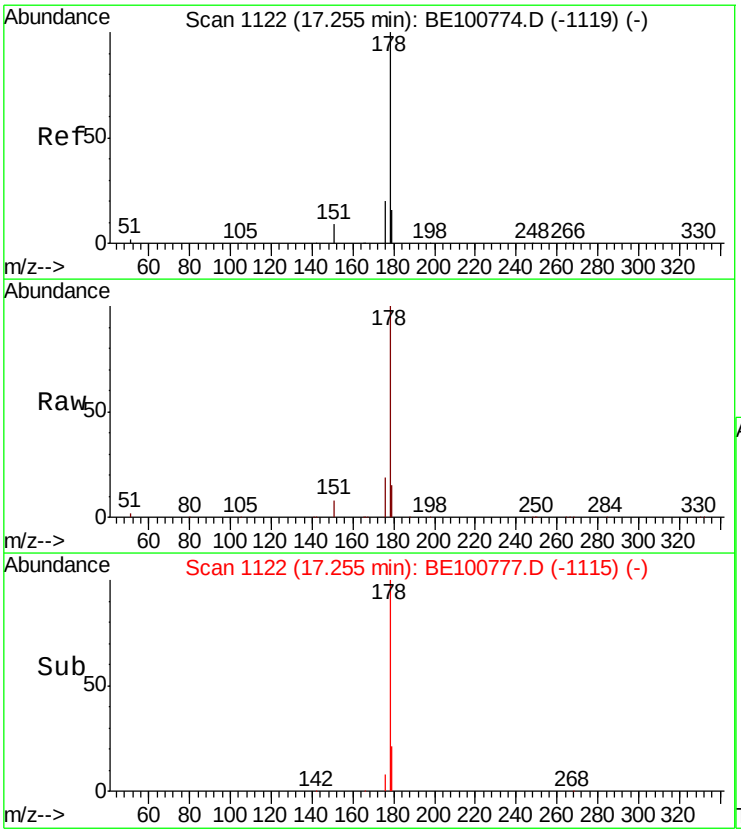
#23
Phenanthrene
Concen: 3.461 ng
RT: 17.17 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 320655

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.3	12.3	18.5

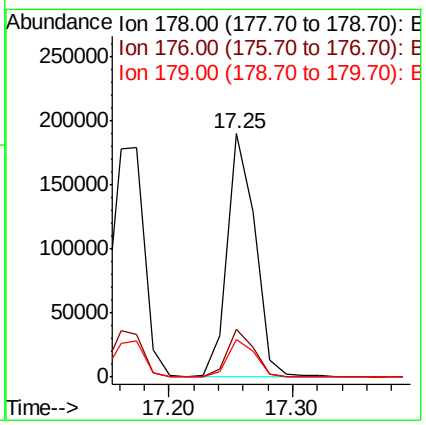


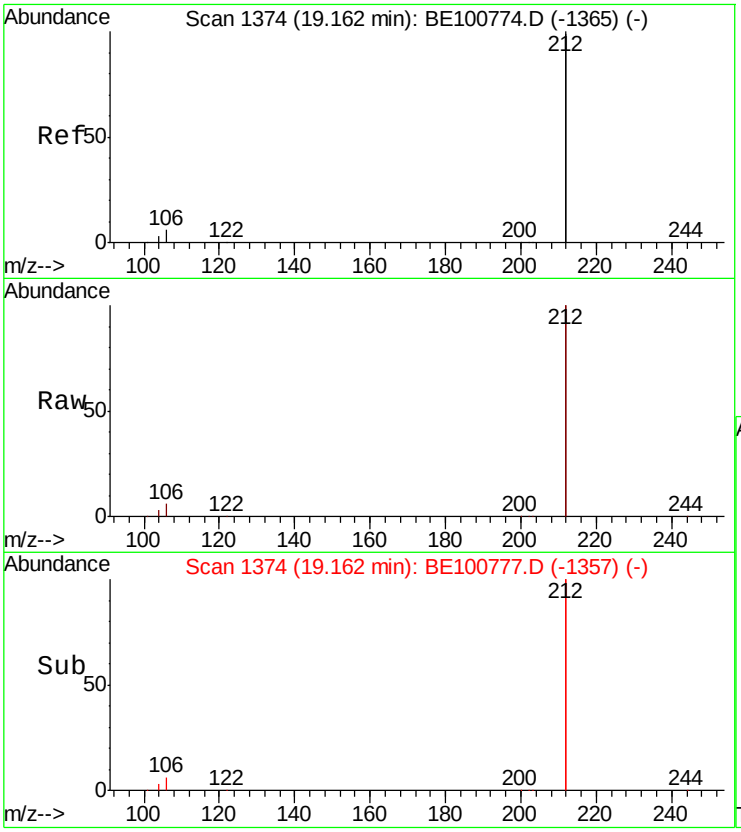


#24
Anthracene
Concen: 3.695 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Tgt Ion:178 Resp: 294959

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.3	12.7	19.1



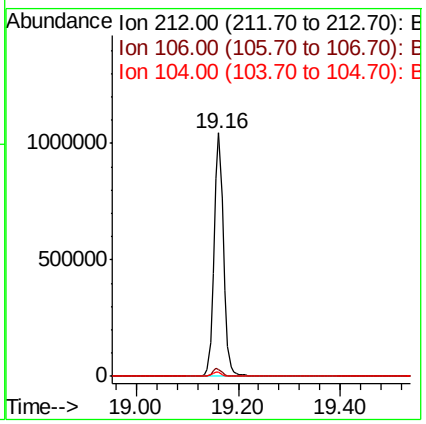


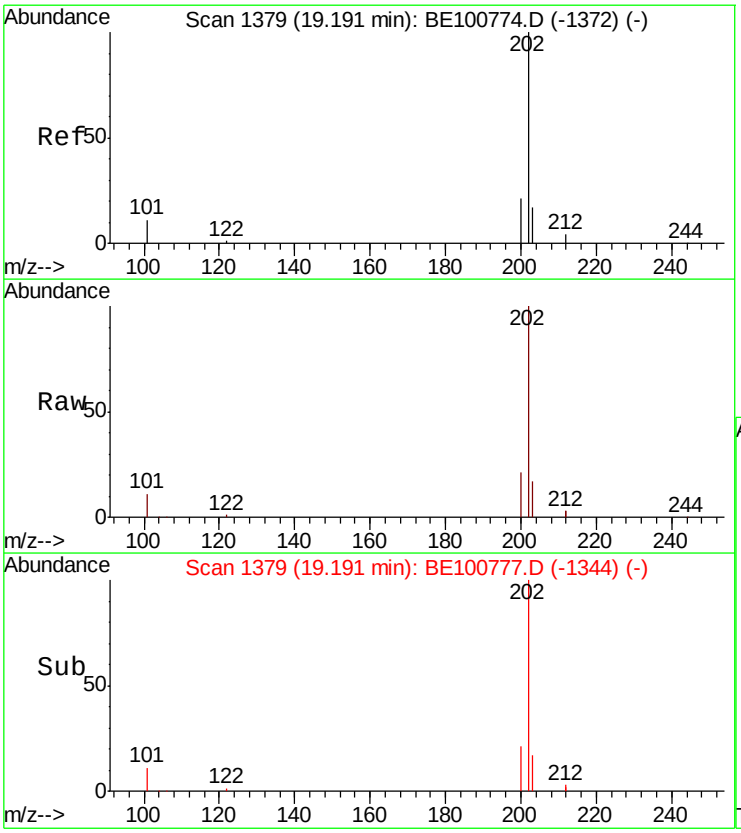
#25
Fluoranthene-d10
Concen: 3.575 ng
RT: 19.16 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 1345939

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	3.8
104	1.8	1.4	2.2

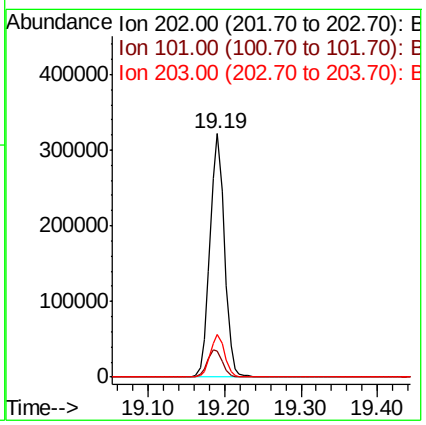


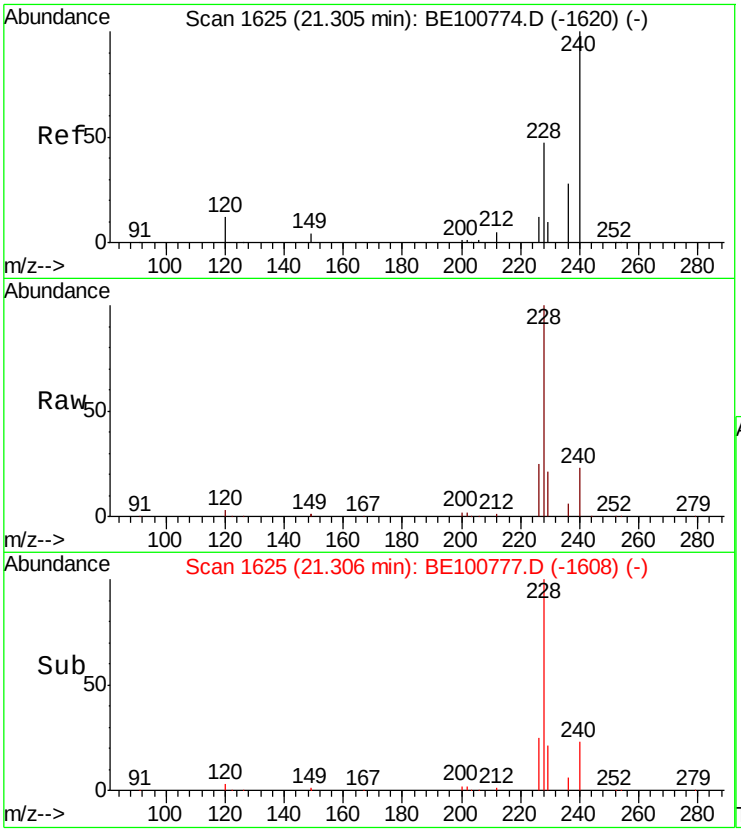


#26
Fluoranthene
Concen: 3.699 ng
RT: 19.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Tgt Ion:202 Resp: 419268

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.1	13.7
203	17.5	13.8	20.6



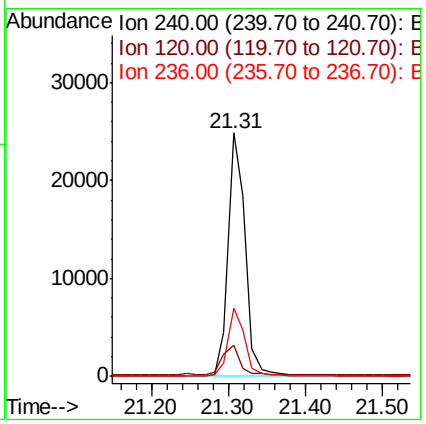


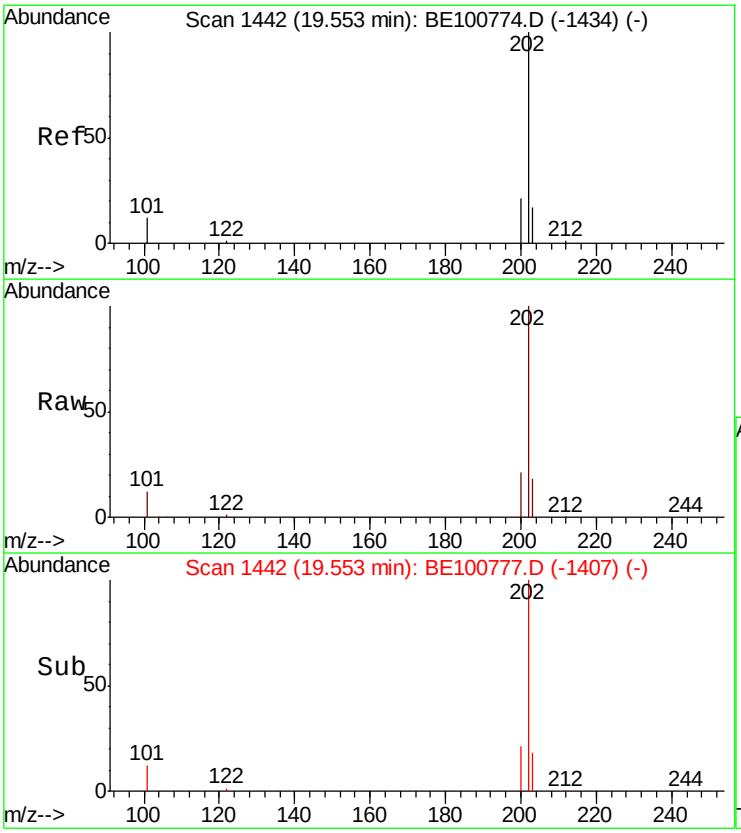
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 37869

Ion	Ratio	Lower	Upper
240	100		
120	12.9	10.2	15.2
236	28.0	22.3	33.5

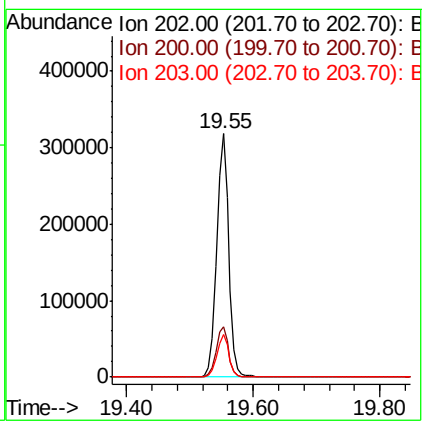


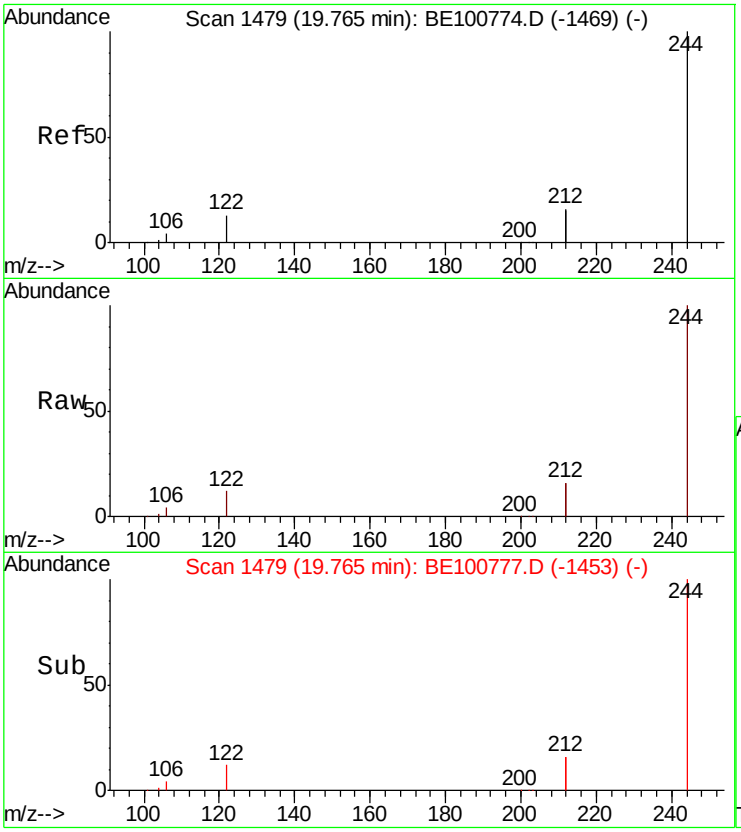


#28
Pyrene
Concen: 3.531 ng
RT: 19.55 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Tgt Ion:202 Resp: 414108

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	17.5	13.9	20.9



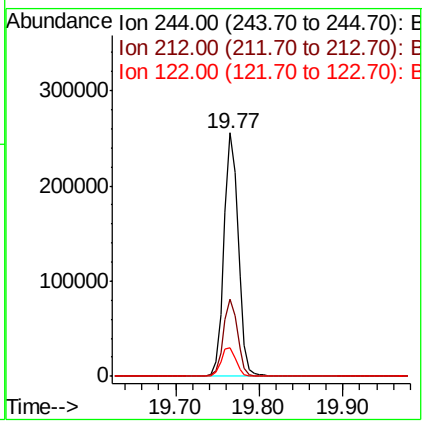


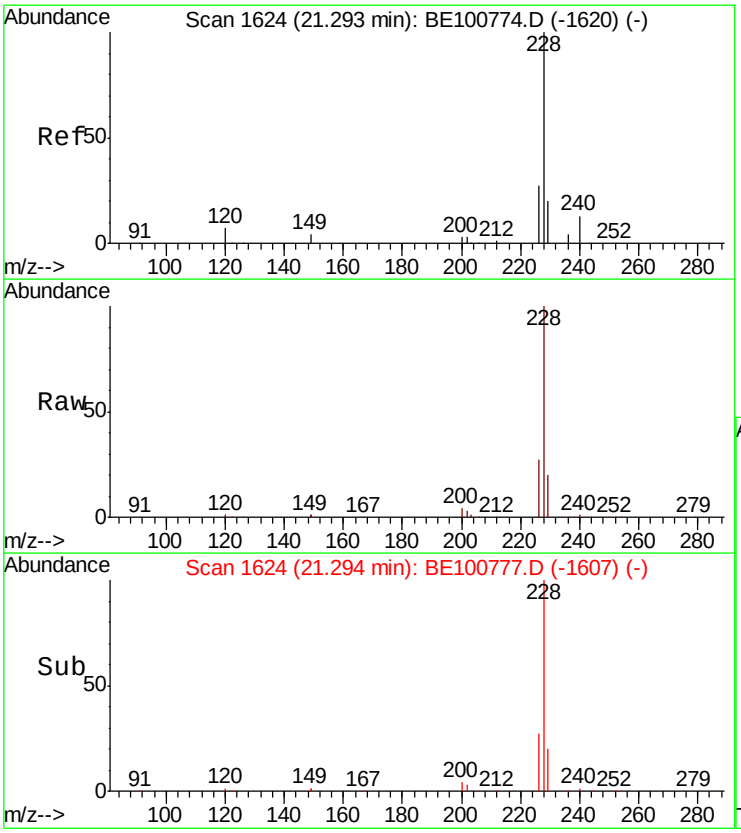
#29
Terphenyl-d14
Concen: 3.481 ng
RT: 19.77 min Scan# 1479
Delta R.T. -0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 303474

Ion	Ratio	Lower	Upper
244	100		
212	31.8	26.2	39.4
122	12.0	10.2	15.4

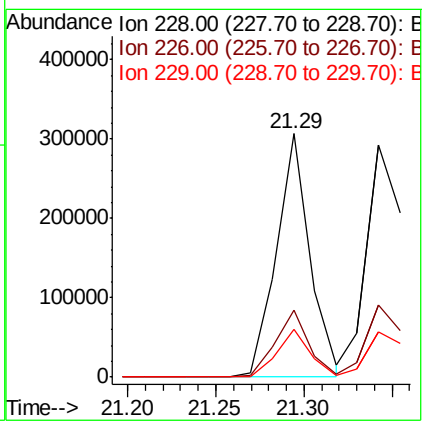


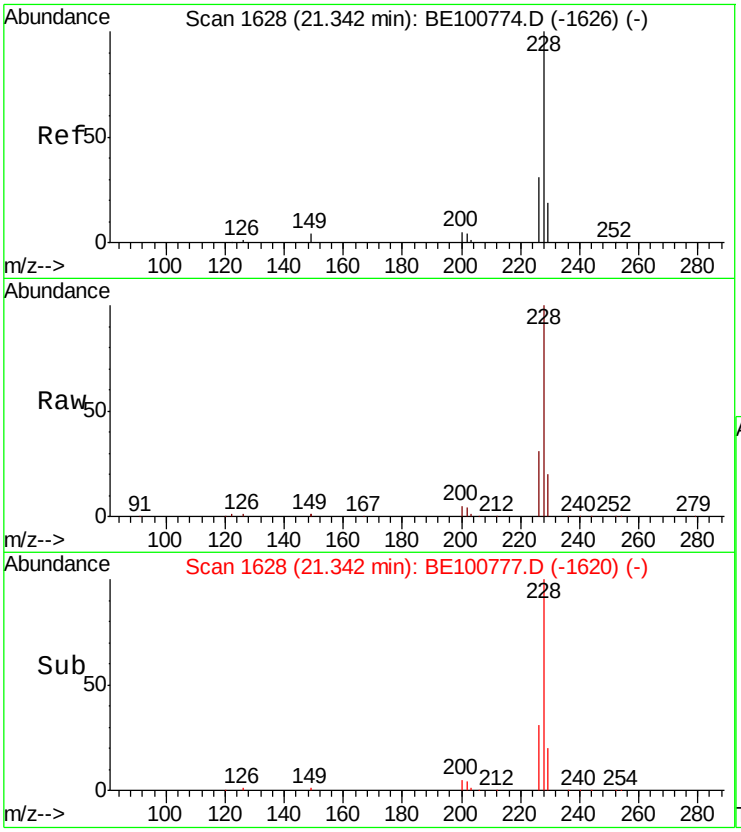


#30
Benzo(a)anthracene
Concen: 3.167 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Tgt Ion:228 Resp: 404553

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.5	32.3
229	19.7	16.0	24.0



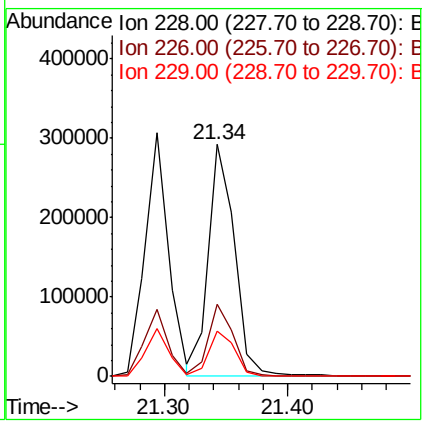


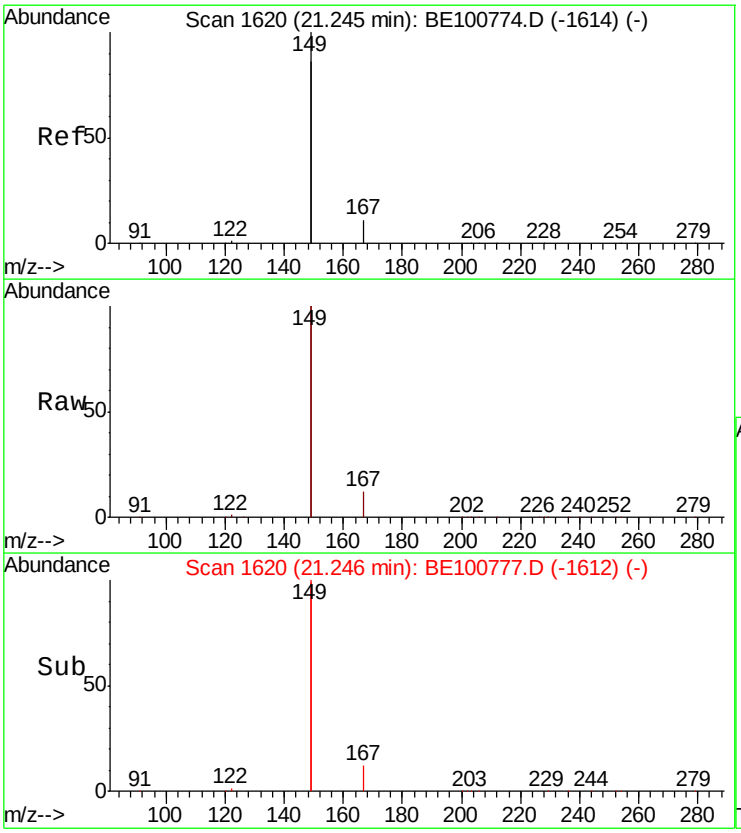
#31
Chrysene
Concen: 3.281 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 426135

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.4
229	19.6	15.4	23.2

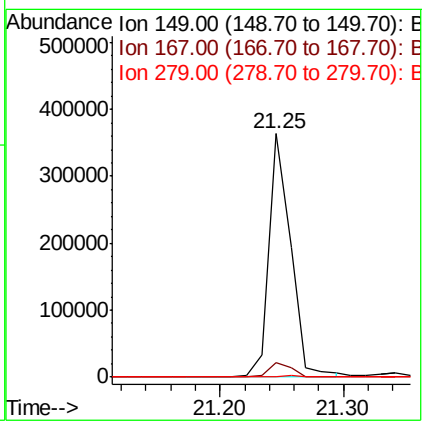


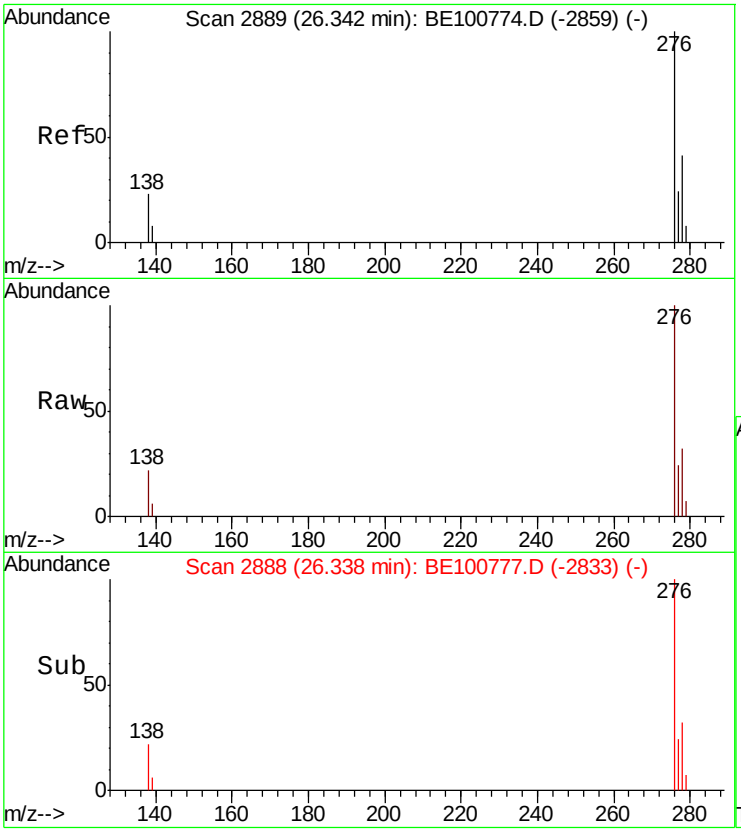


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.933 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Tgt Ion:149 Resp: 444132

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.0	7.6
279	0.8	0.7	1.1



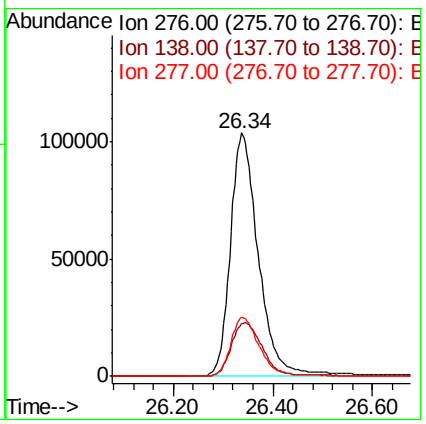


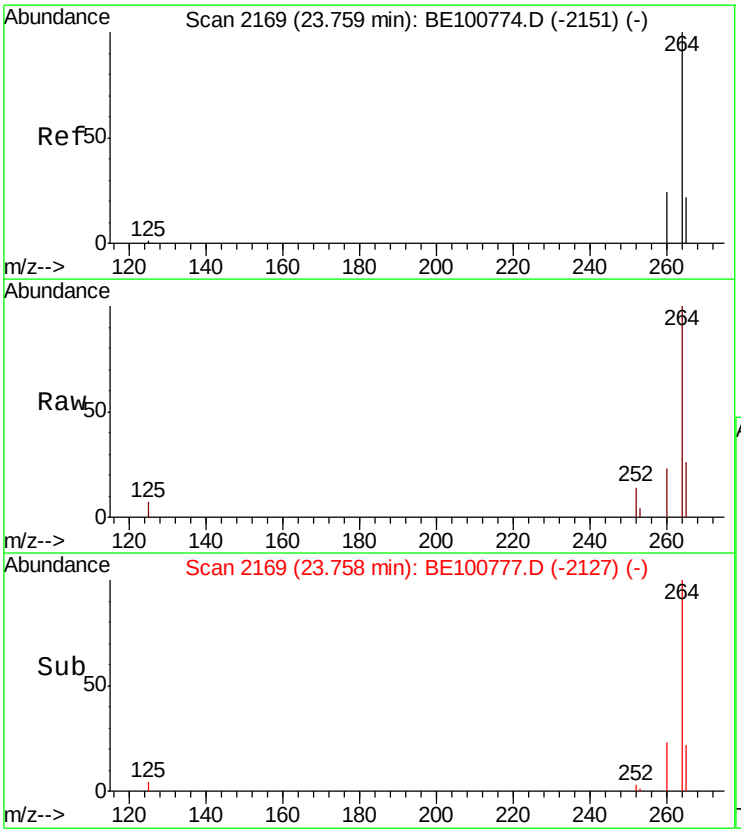
#33
Indeno(1,2,3-cd)pyrene
Concen: 2.960 ng
RT: 26.34 min Scan# 2888
Delta R.T. -0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 402937

Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.4	29.0
277	24.8	19.8	29.6

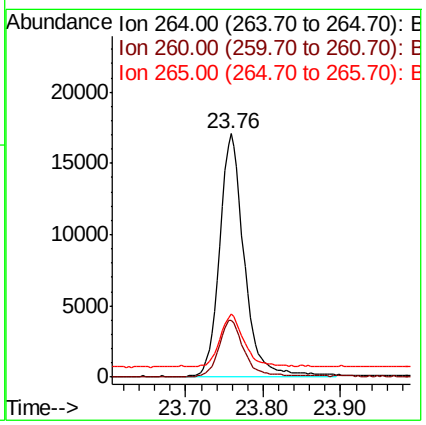


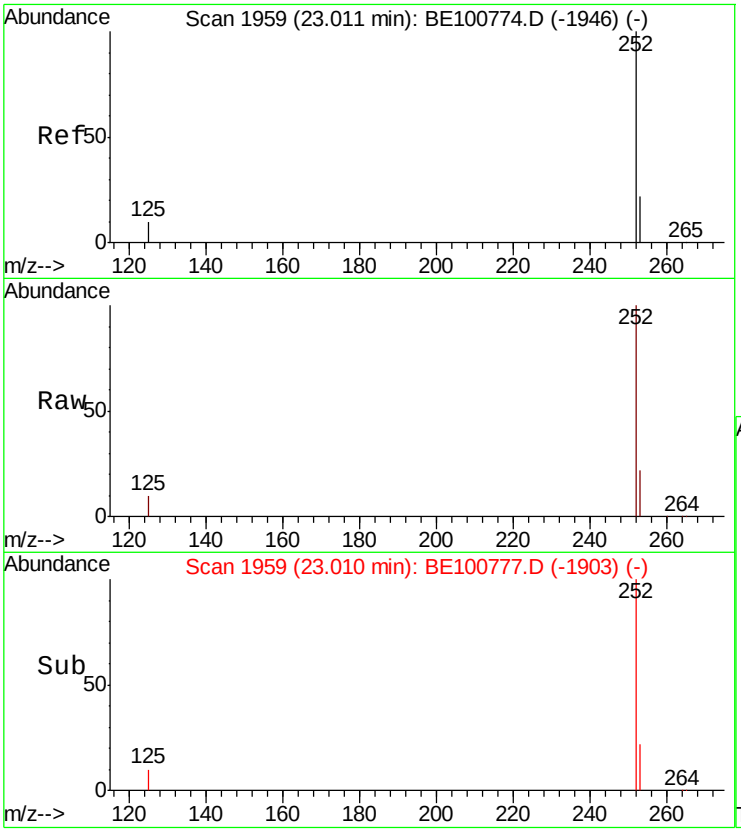


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.76 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Tgt Ion:264 Resp: 37238

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	26.0	21.8	32.8



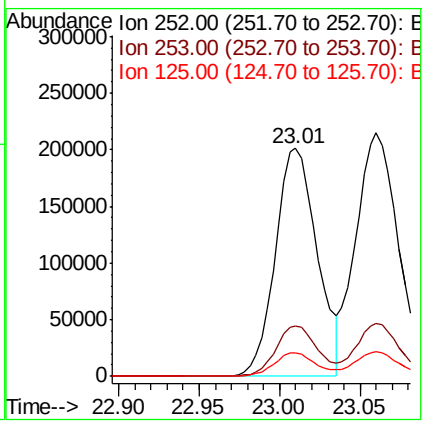


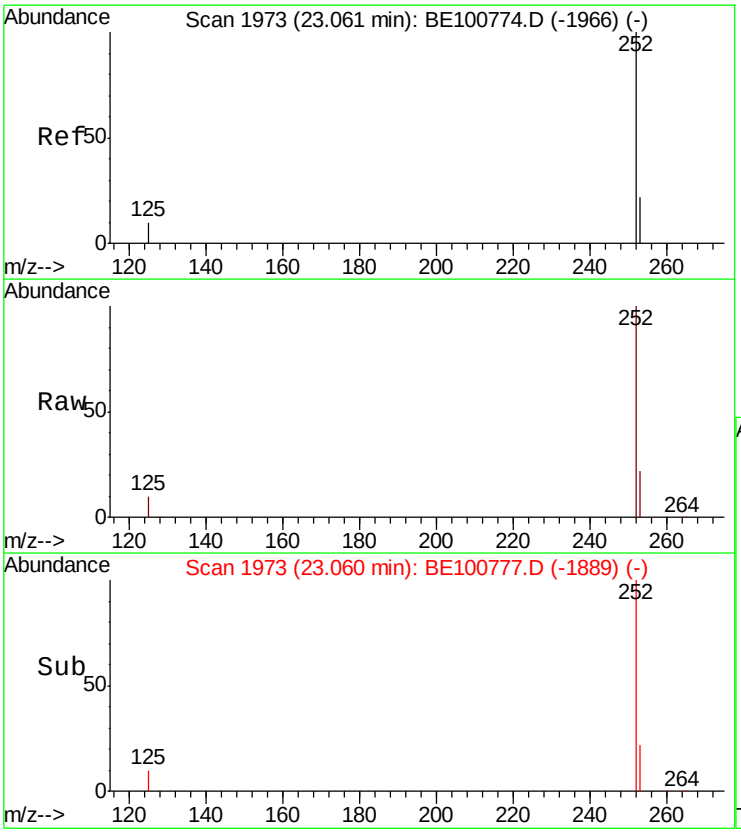
#35
Benzo(b)fluoranthene
Concen: 3.126 ng
RT: 23.01 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 365282

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	10.1	9.0	13.4

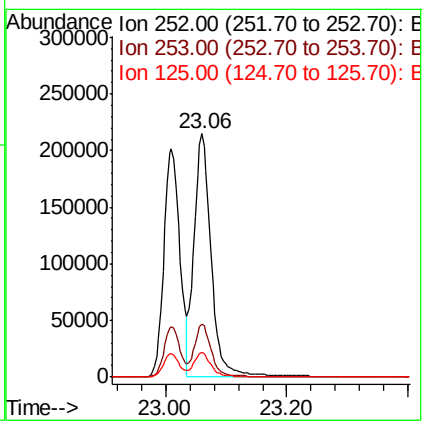


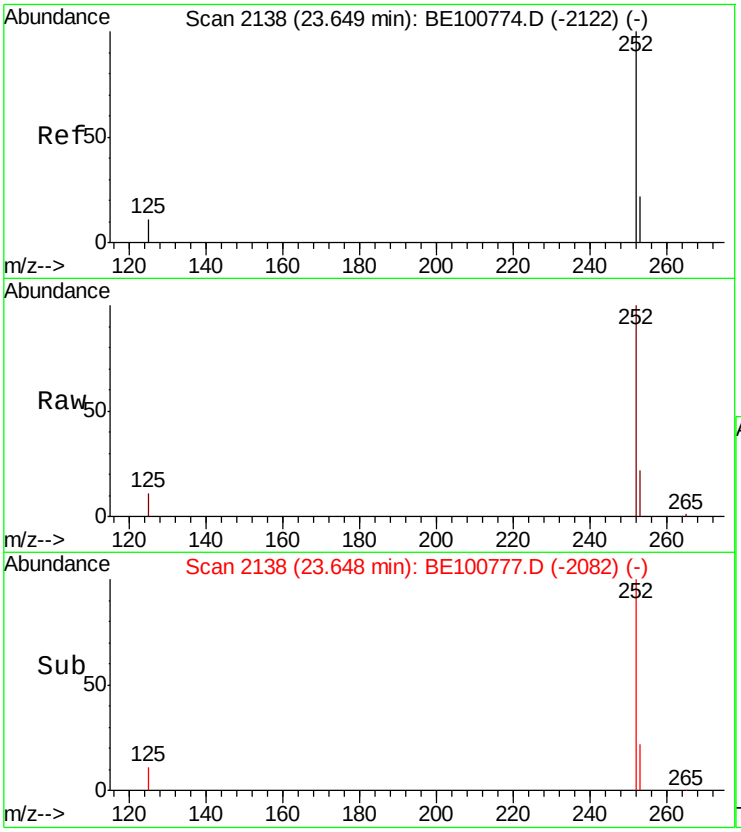


#36
Benzo(k)fluoranthene
Concen: 3.433 ng
RT: 23.06 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Tgt Ion:252 Resp: 418320

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	10.1	8.7	13.1



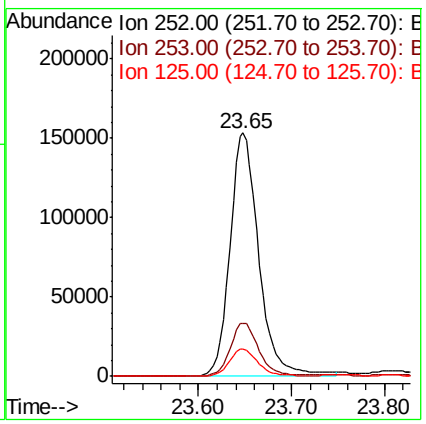


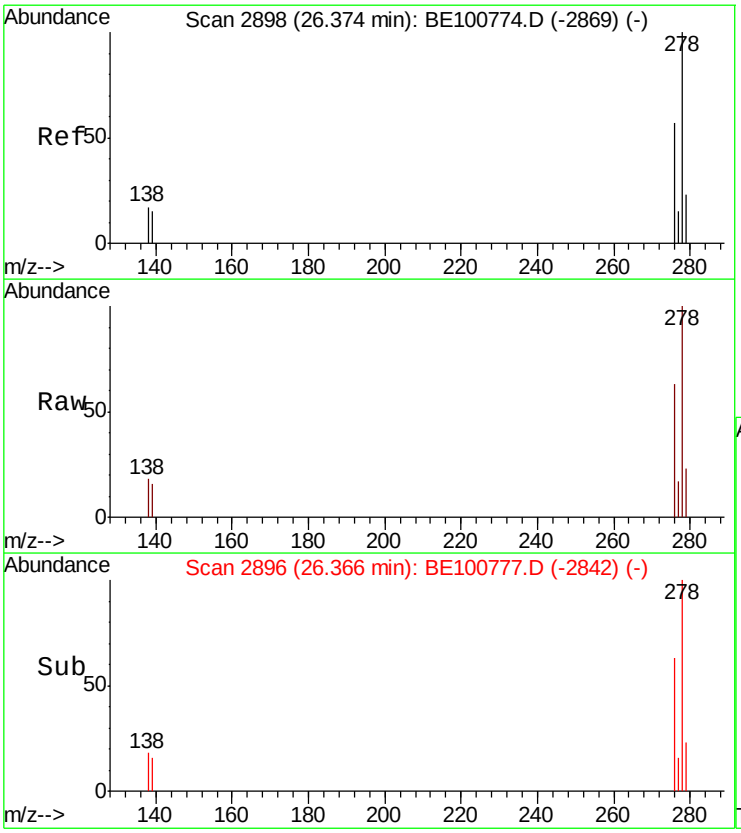
#37
Benzo(a)pyrene
Concen: 3.199 ng
RT: 23.65 min Scan# 2138
Delta R.T. -0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 329607

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	11.1	10.4	15.6

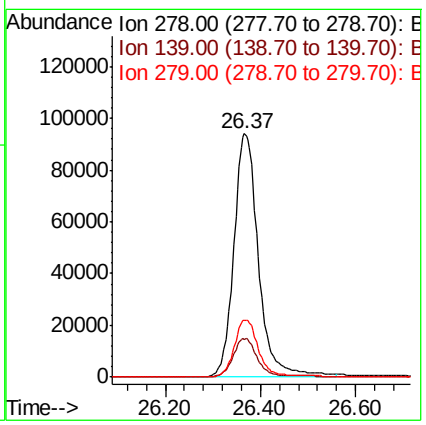


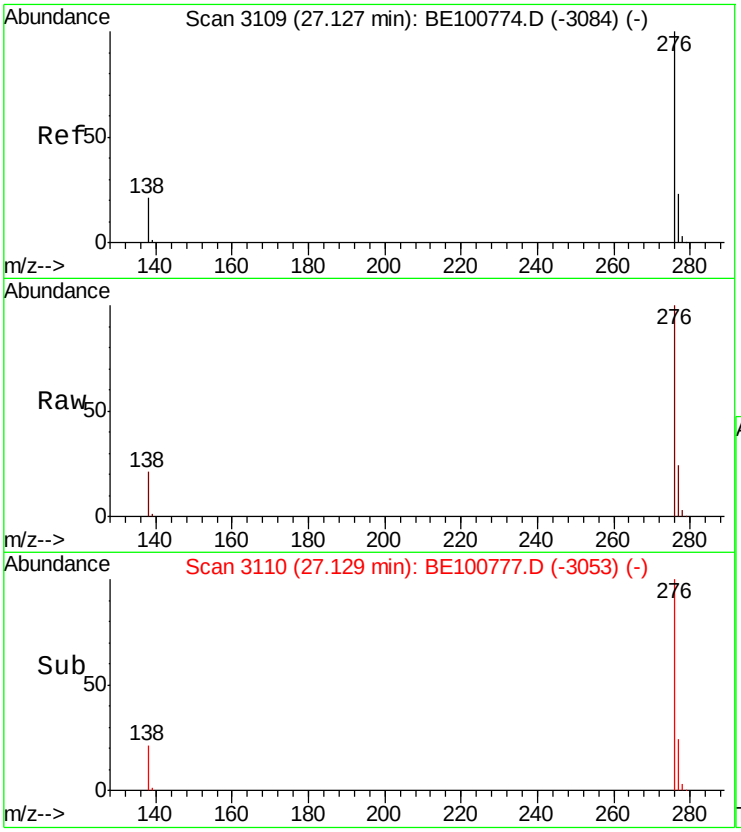


#38
Dibenzo(a,h)anthracene
Concen: 3.104 ng
RT: 26.37 min Scan# 2896
Delta R.T. -0.01 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Tgt Ion:278 Resp: 336440

Ion	Ratio	Lower	Upper
278	100		
139	15.6	13.0	19.4
279	23.4	19.6	29.4





#39
Benzo(g,h,i)perylene
Concen: 2.974 ng
RT: 27.13 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 335813

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.3	28.9
138	21.1	17.8	26.6