Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112119\
Data File : BE100752.D
Acq On : 21 Nov 2019 19:41
Operator : JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Quant Time: Nov 22 01:48:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 01:43:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	5370	0.40	ng		0.00
7) Naphthalene-d8	10.55	136	24050	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	13373	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	28185	0.40	ng		0.00
27) Chrysene-d12	21.32	240	35052	0.40	ng		0.00
34) Perylene-d12	23.77	264	33772	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	49120	3.13	ng		0.00
5) Phenol-d6	6.93	99	72287	3.26	ng		0.00
8) Nitrobenzene-d5	8.90	82	28499	1.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.15	152	117810	3.07	ng		0.01
14) 2,4,6-Tribromophenol	15.88	330	8128	5.84	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	166586	3.40	ng		0.00
25) Fluoranthene-d10	19.17	212	1207276	3.24	ng		0.00
29) Terphenyl-d14	19.78	244	267370	3.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	29945	3.200	ng		96
3) n-Nitrosodimethylamine	3.64	42	28779	3.096	ng	#	88
6) bis(2-Chloroethyl)ether	7.20	93	61667	3.182	ng		96
9) Naphthalene	10.59	128	828568	3.324	ng		100
10) Hexachlorobutadiene	10.90	225	31945	2.774	ng		98
12) 2-Methylnaphthalene	12.22	142	137025	3.224	ng		99
16) Acenaphthylene	14.12	152	200564	3.709	ng		99
17) Acenaphthene	14.47	154	130773	3.681	ng		98
18) Fluorene	15.43	166	165848	3.413	ng		99
20) 4-Bromophenyl-phenylether	16.33	248	48465	3.254	ng		94
21) Hexachlorobenzene	16.45	284	48329	3.340	ng		100
23) Phenanthrene	17.17	178	282862	3.681	ng		99
24) Anthracene	17.27	178	261098	3.805	ng		100
26) Fluoranthene	19.20	202	363619	3.544	ng		99
28) Pyrene	19.56	202	363501	3.730	ng		99
30) Benzo(a)anthracene	21.31	228	395570	3.517	ng		100
31) Chrysene	21.35	228	390494	3.420	ng		99
32) Bis(2-ethylhexyl)phthalate	21.26	149	634964	3.180	ng		99
33) Indeno(1,2,3-cd)pyrene	26.36	276	385691	2.882	ng		99
35) Benzo(b)fluoranthene	23.02	252	359342	3.646	ng		99
36) Benzo(k)fluoranthene	23.07	252	387595	3.754	ng		99
37) Benzo(a)pyrene	23.66	252	323868	3.526	ng		97
38) Dibenzo(a,h)anthracene	26.38	278	320587	3.348	ng		99
39) Benzo(g,h,i)perylene	27.14	276	316698	3.371	ng		99

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

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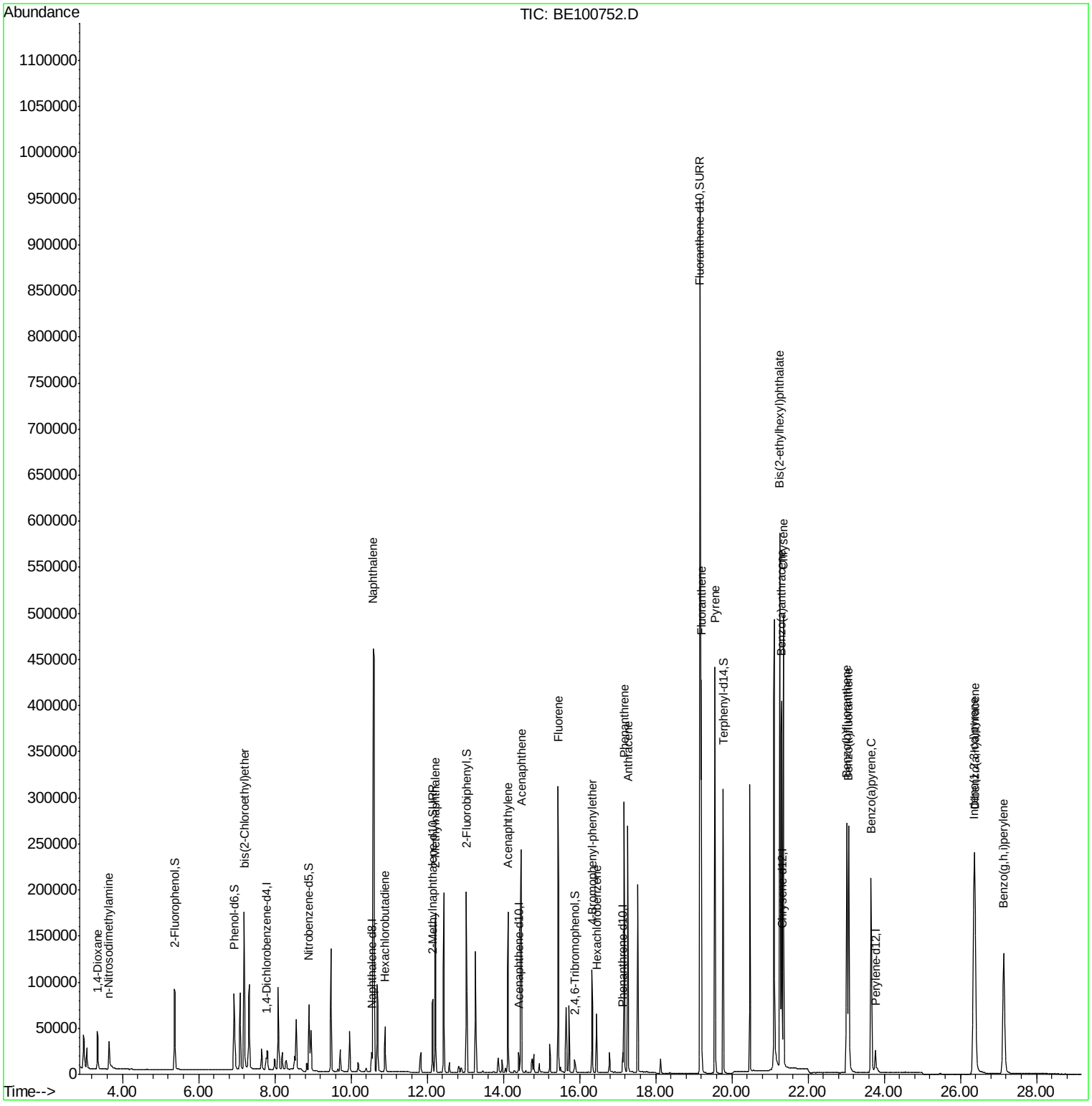
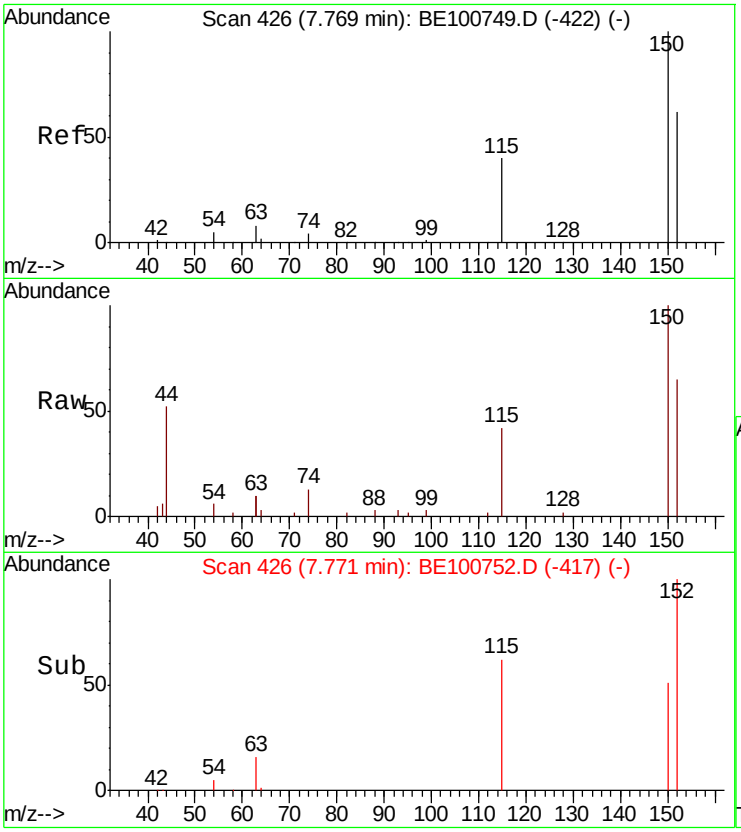
Data File : BE100752.D
Acq On : 21 Nov 2019 19:41
Operator : JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Quant Time: Nov 22 01:48:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 01:43:03 2019
Response via : Initial Calibration



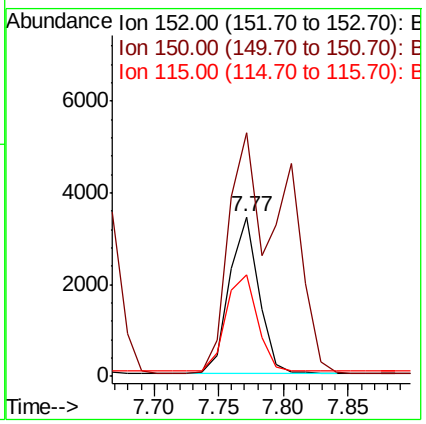


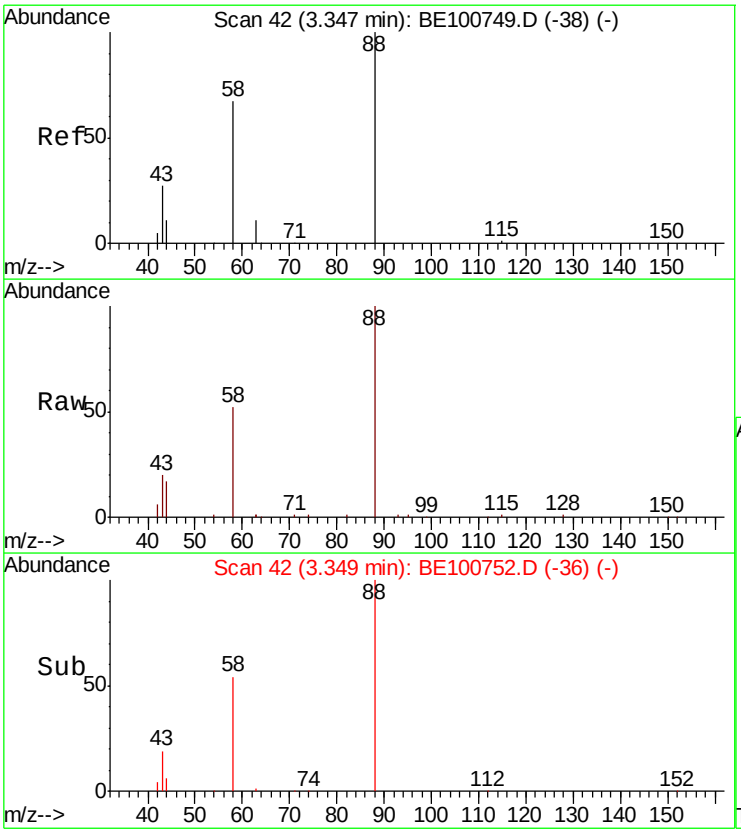
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. 0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 5370

Ion	Ratio	Lower	Upper
152	100		
150	152.7	127.1	190.7
115	63.8	53.0	79.4

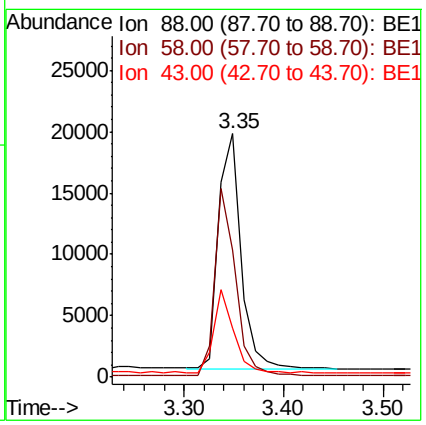


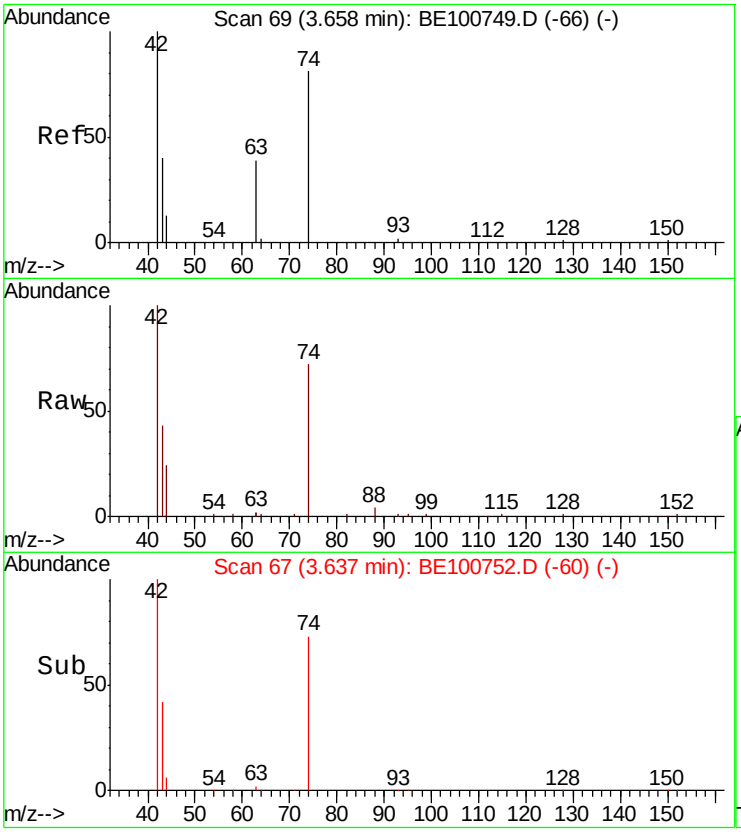


#2
1,4-Dioxane
Concen: 3.200 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Tgt Ion: 88 Resp: 29945

Ion	Ratio	Lower	Upper
88	100		
58	73.7	60.7	91.1
43	31.1	27.4	41.2



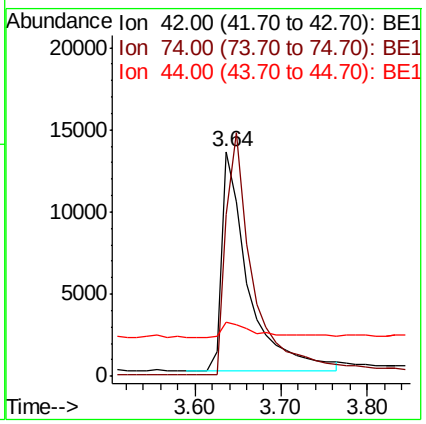


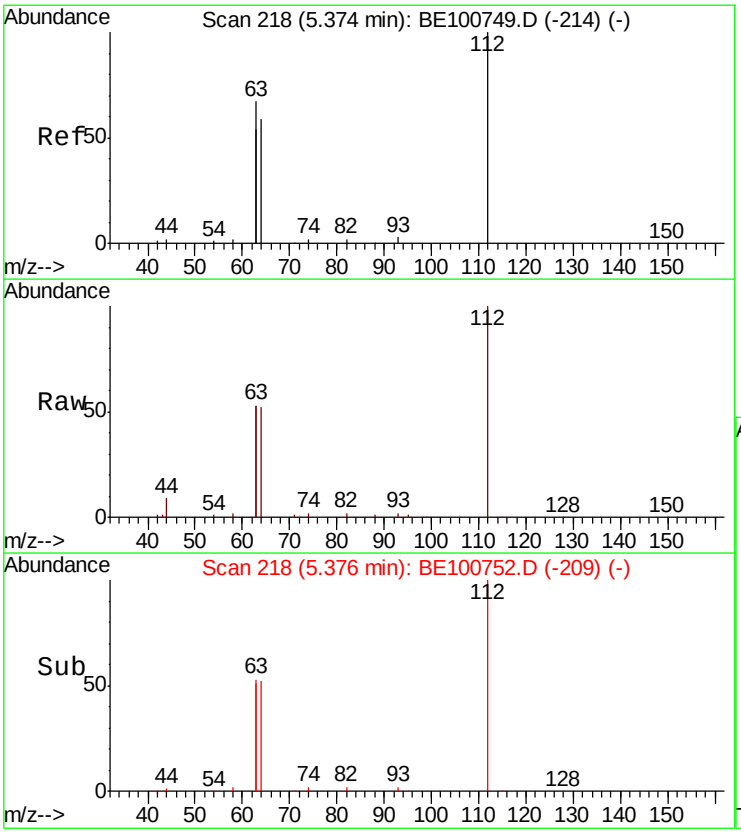
#3
n-Nitrosodimethylamine
Concen: 3.096 ng
RT: 3.64 min Scan# 67
Delta R.T. -0.02 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 28779

Ion	Ratio	Lower	Upper
42	100		
74	113.5	0.0	0.0#
44	9.3	4.2	6.4#

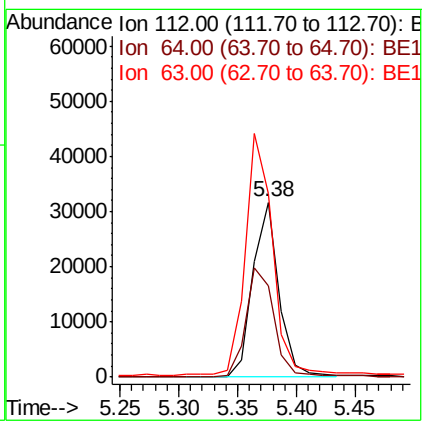


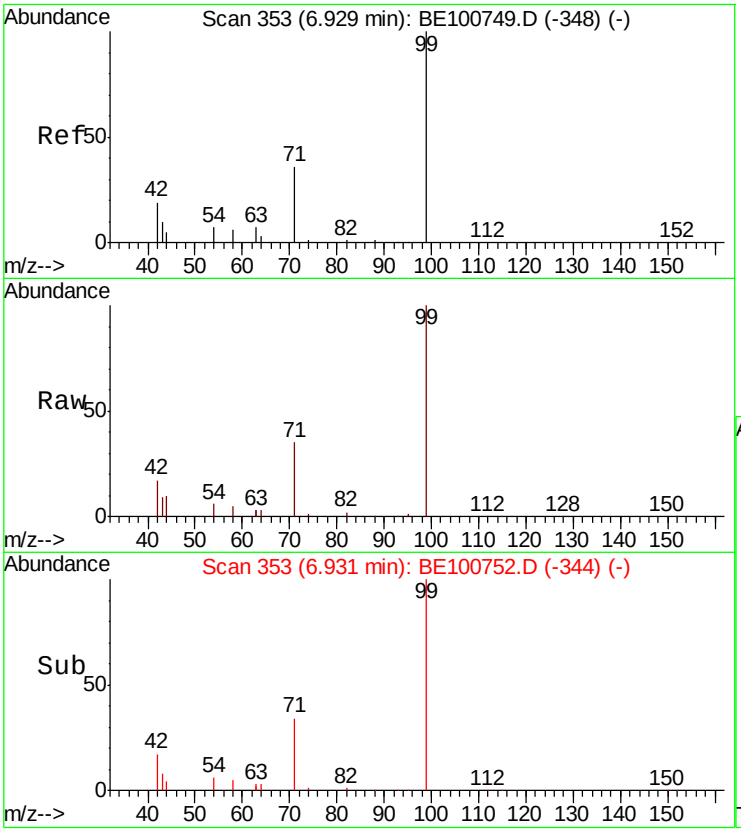


#4
2-Fluorophenol
Concen: 3.133 ng
RT: 5.38 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Tgt Ion:112 Resp: 49120

Ion	Ratio	Lower	Upper
112	100		
64	66.8	54.3	81.5
63	142.9	114.0	171.0



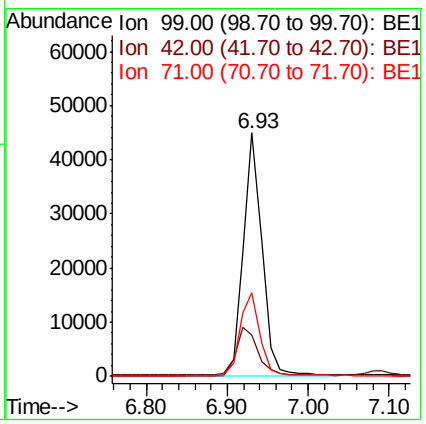


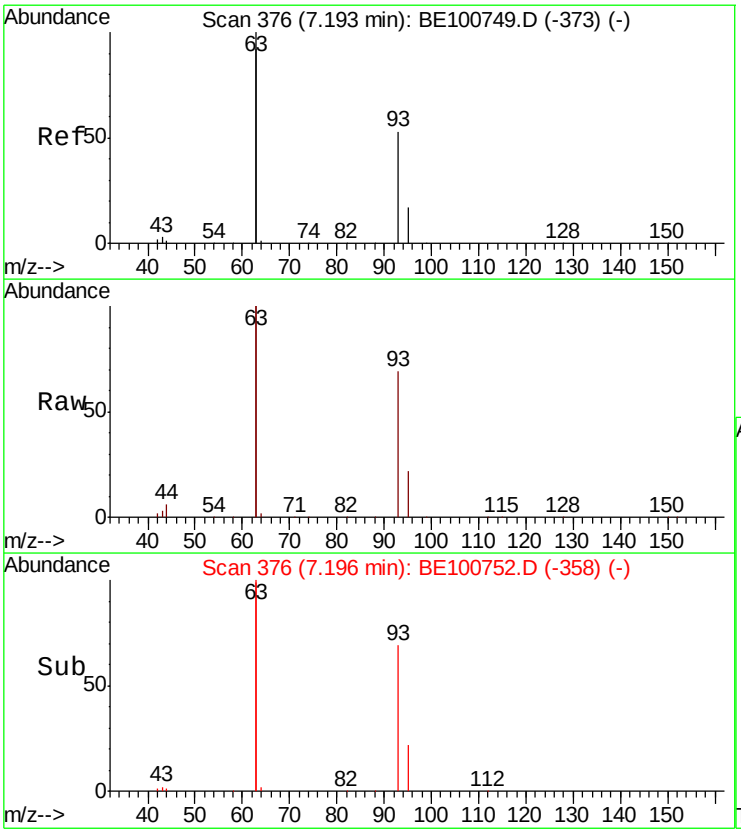
#5
Phenol-d6
Concen: 3.259 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 72287

Ion	Ratio	Lower	Upper
99	100		
42	22.8	17.9	26.9
71	36.2	29.3	43.9

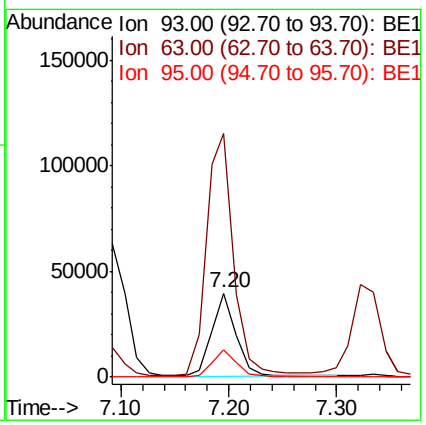


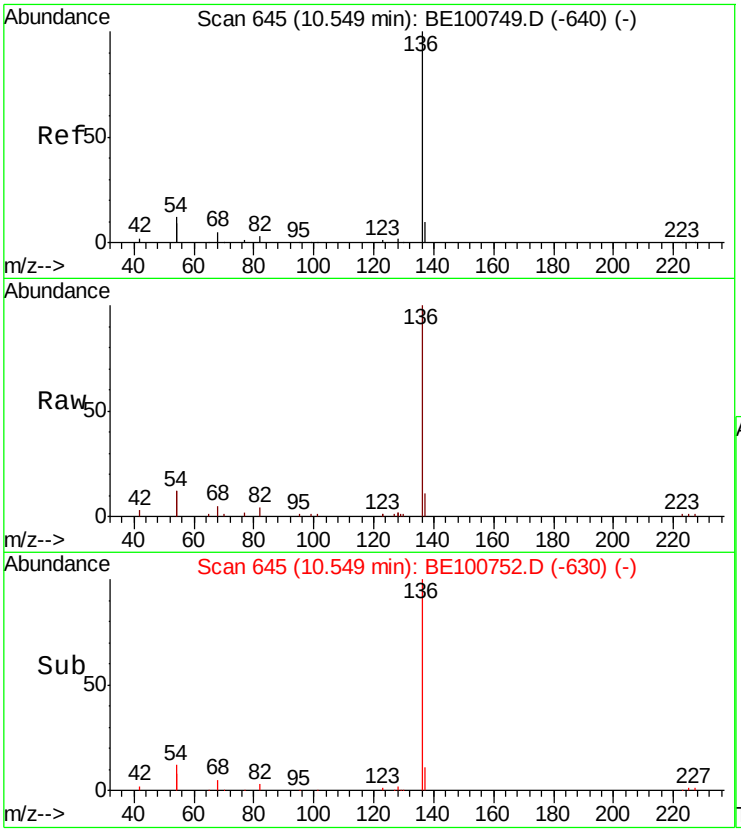


#6
bis(2-Chloroethyl)ether
Concen: 3.182 ng
RT: 7.20 min Scan# 376
Delta R.T. 0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Tgt Ion: 93 Resp: 61667

Ion	Ratio	Lower	Upper
93	100		
63	323.8	267.0	400.6
95	32.6	26.2	39.4



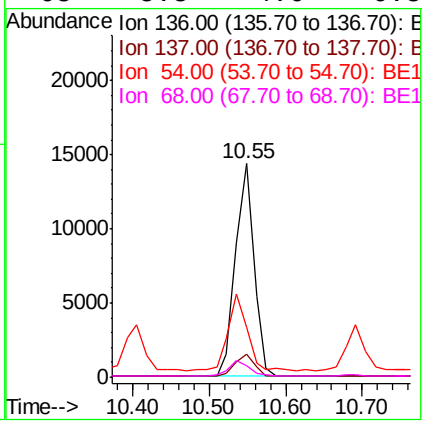


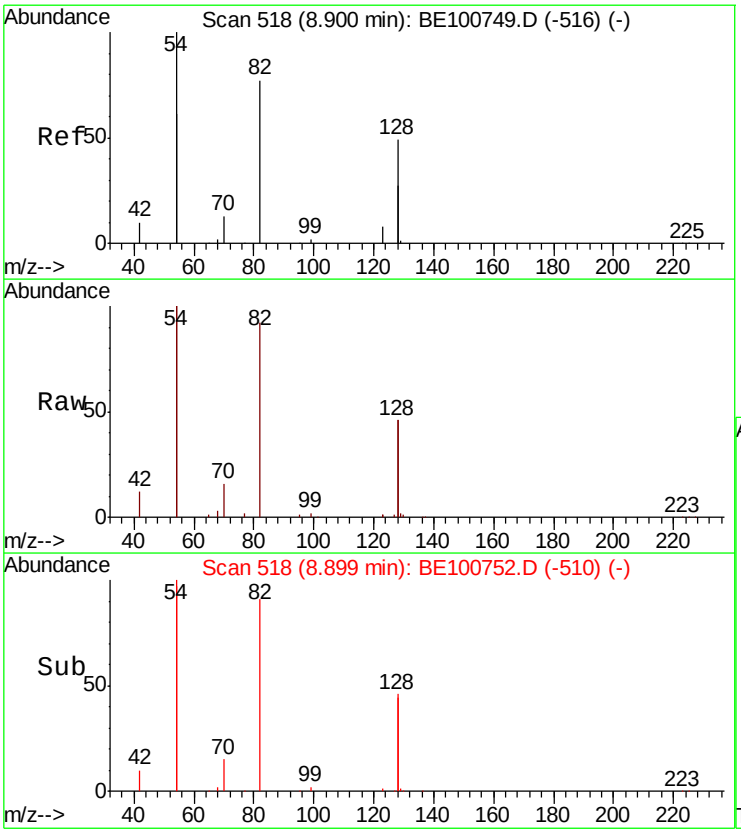
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 24050

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	23.2	19.4	29.0
68	5.3	4.6	6.8

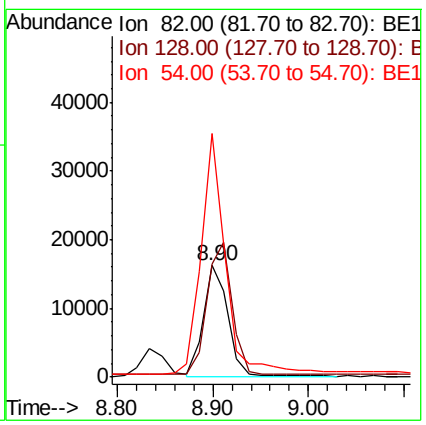


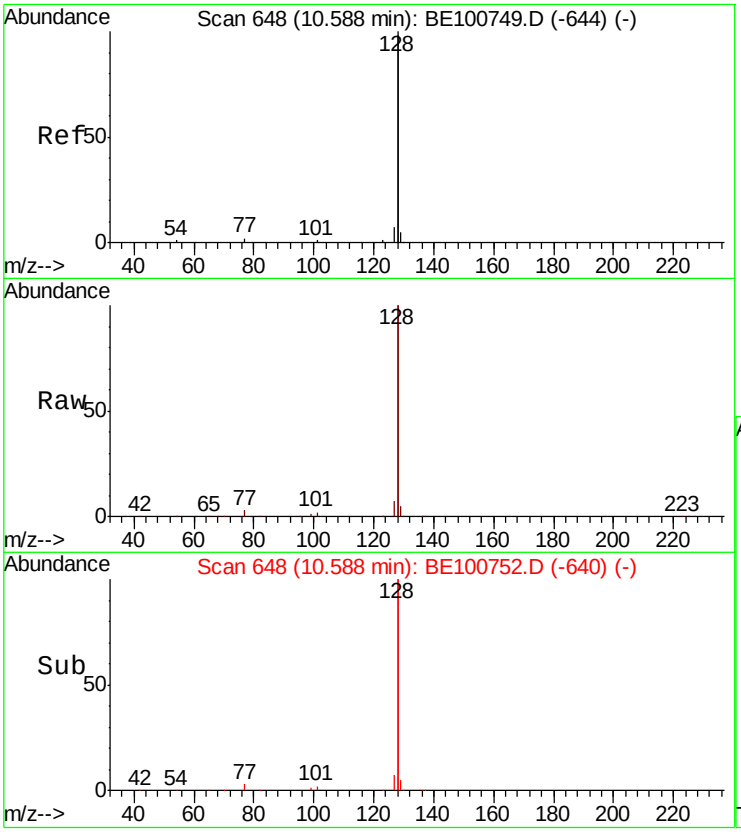


#8
Nitrobenzene-d5
Concen: 1.394 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Tgt Ion: 82 Resp: 28499

Ion	Ratio	Lower	Upper
82	100		
128	100.9	90.2	135.4
54	217.9	186.0	279.0



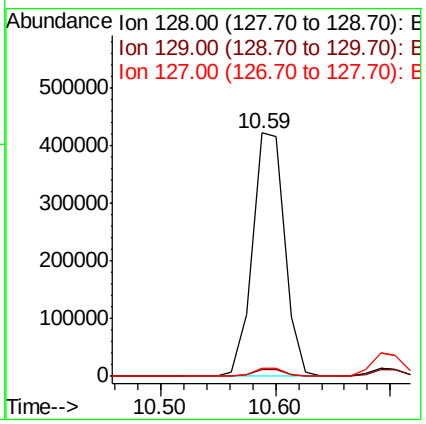


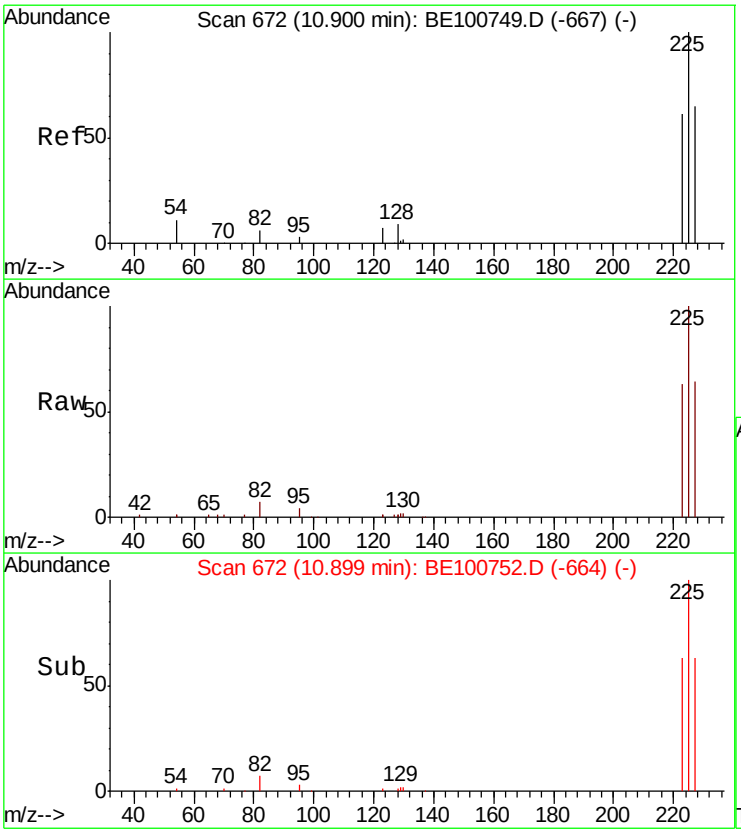
#9
Naphthalene
Concen: 3.324 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 828568

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.3	3.5
127	3.4	2.7	4.1

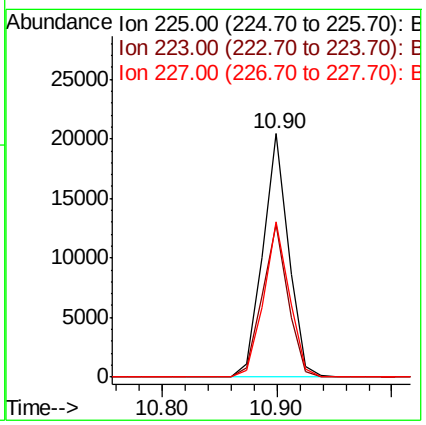


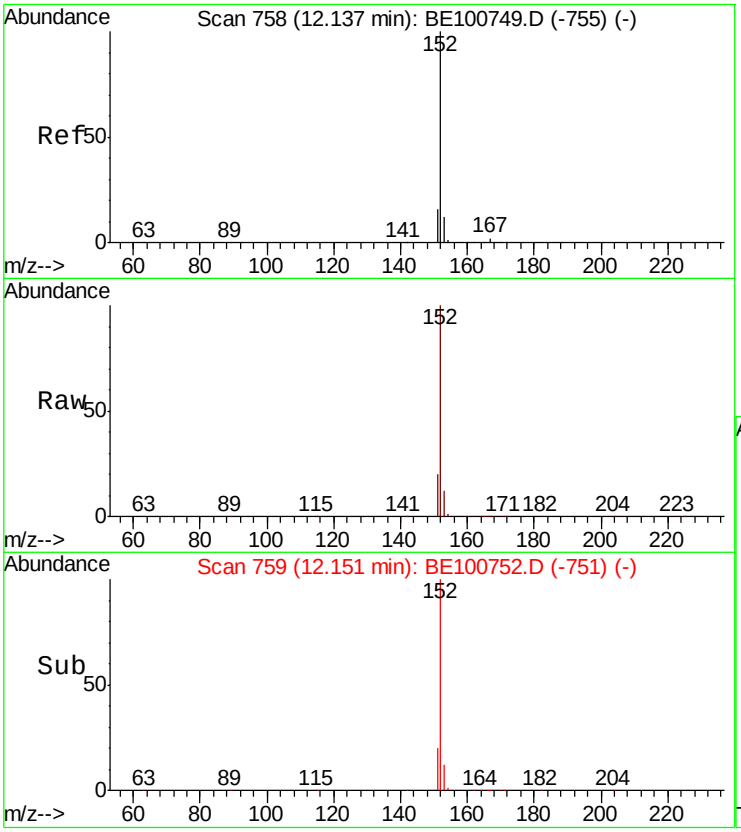


#10
Hexachlorobutadiene
Concen: 2.774 ng
RT: 10.90 min Scan# 672
Delta R.T. -0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Tgt Ion:225 Resp: 31945

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	75.8
227	63.2	52.0	78.0



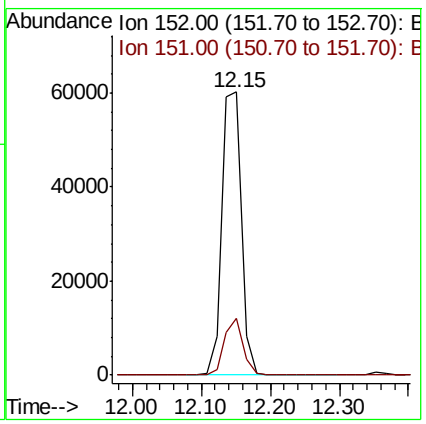


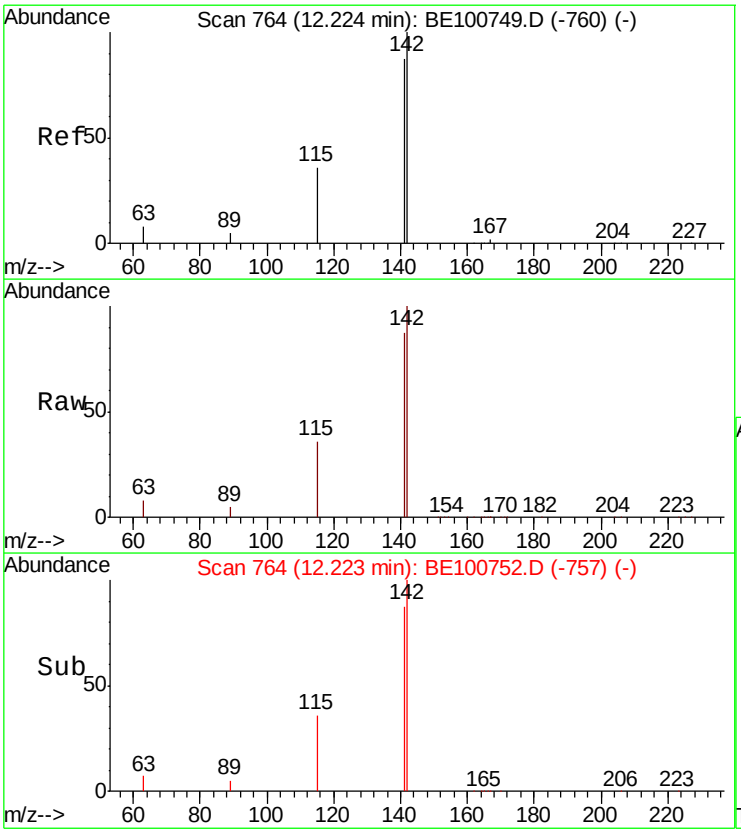
#11
2-Methylnaphthalene-d10
Concen: 3.072 ng
RT: 12.15 min Scan# 759
Delta R.T. 0.01 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 117810

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.8	23.8

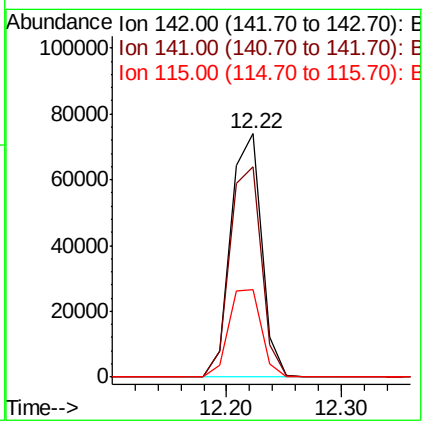


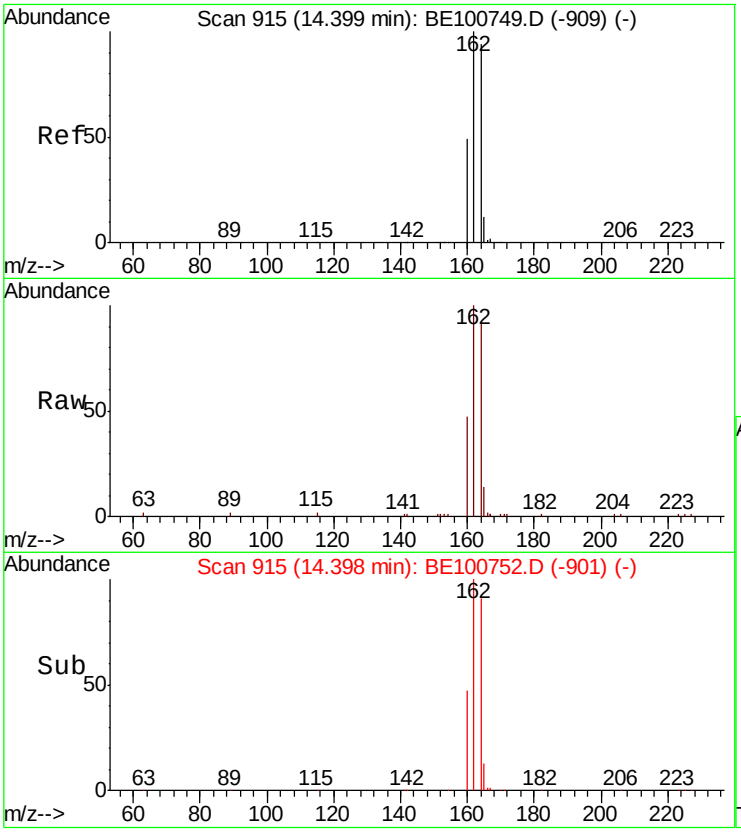


#12
2-Methylnaphthalene
Concen: 3.224 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Tgt Ion:142 Resp: 137025

Ion	Ratio	Lower	Upper
142	100		
141	86.5	69.9	104.9
115	35.7	29.5	44.3



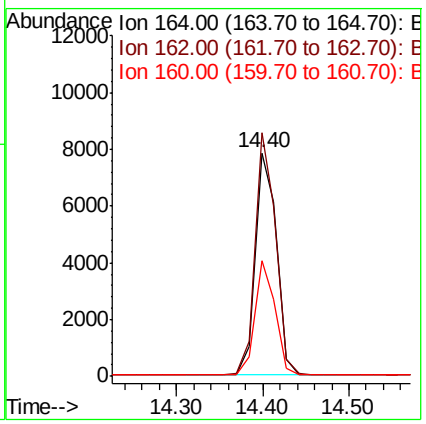


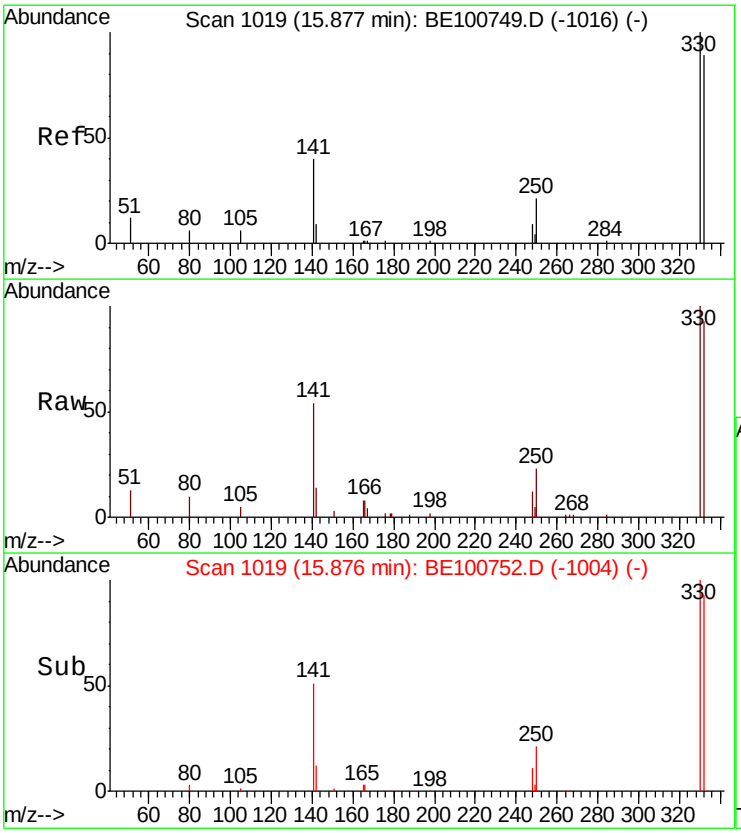
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 13373

Ion	Ratio	Lower	Upper
164	100		
162	109.0	84.8	127.2
160	51.6	42.3	63.5

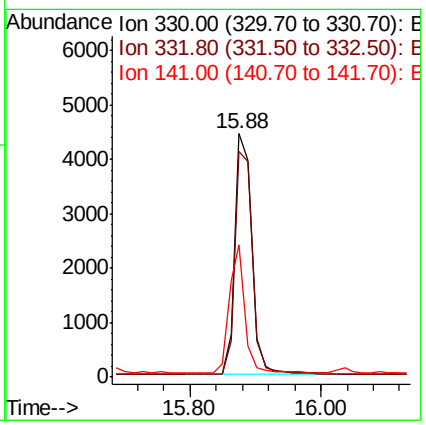


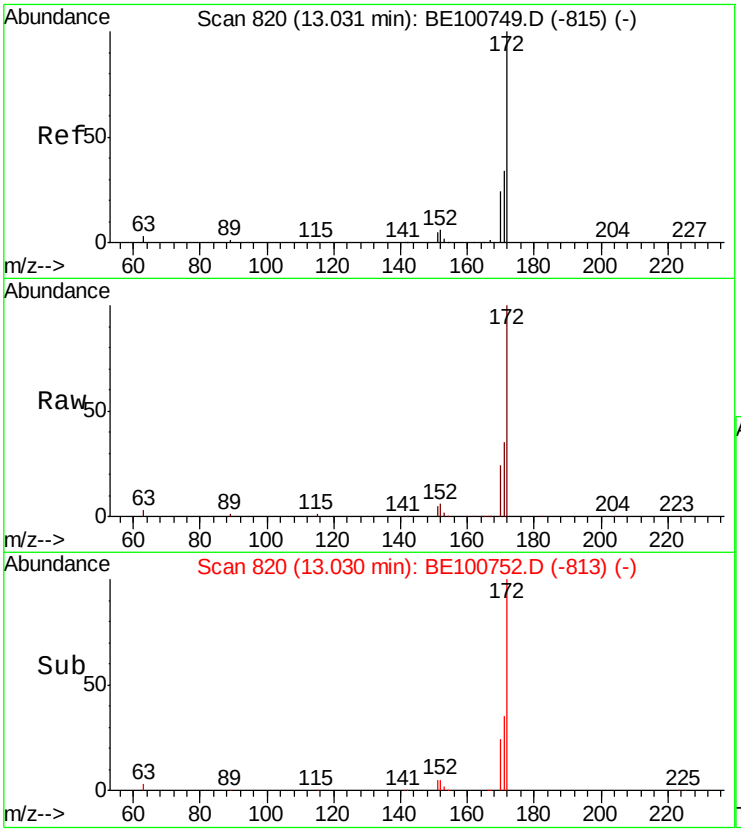


#14
2,4,6-Tribromophenol
Concen: 5.842 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Tgt Ion:330 Resp: 8128

Ion	Ratio	Lower	Upper
330	100		
332	95.5	79.3	118.9
141	48.2	43.8	65.6



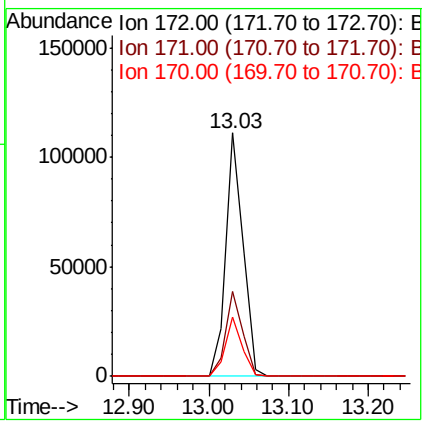


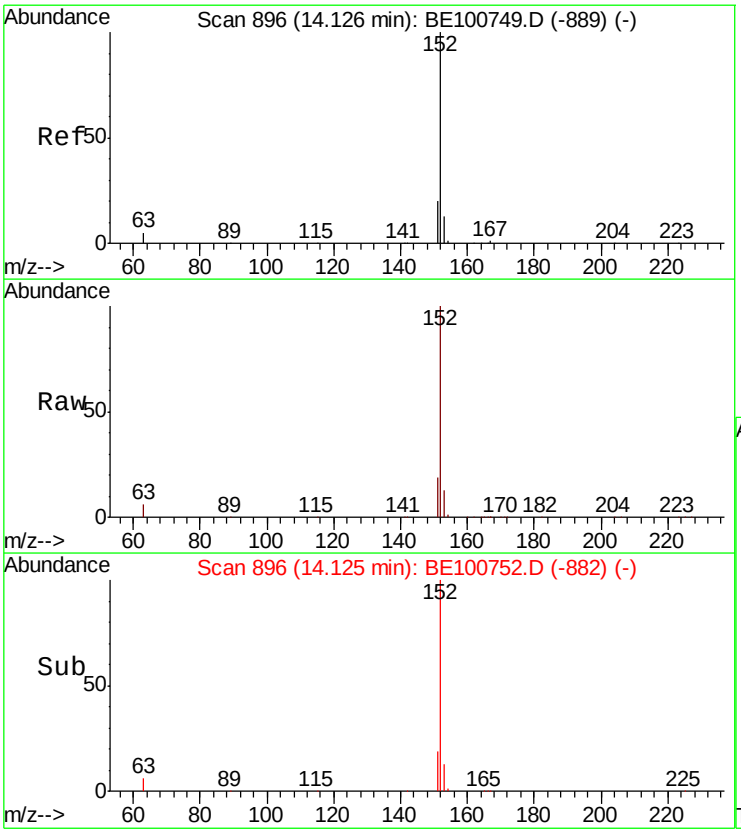
#15
2-Fluorobiphenyl
Concen: 3.396 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 166586

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.6
170	24.4	19.4	29.2

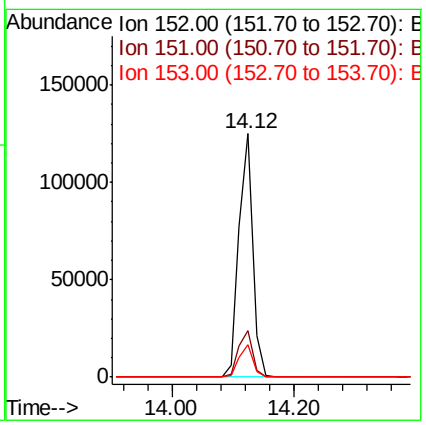


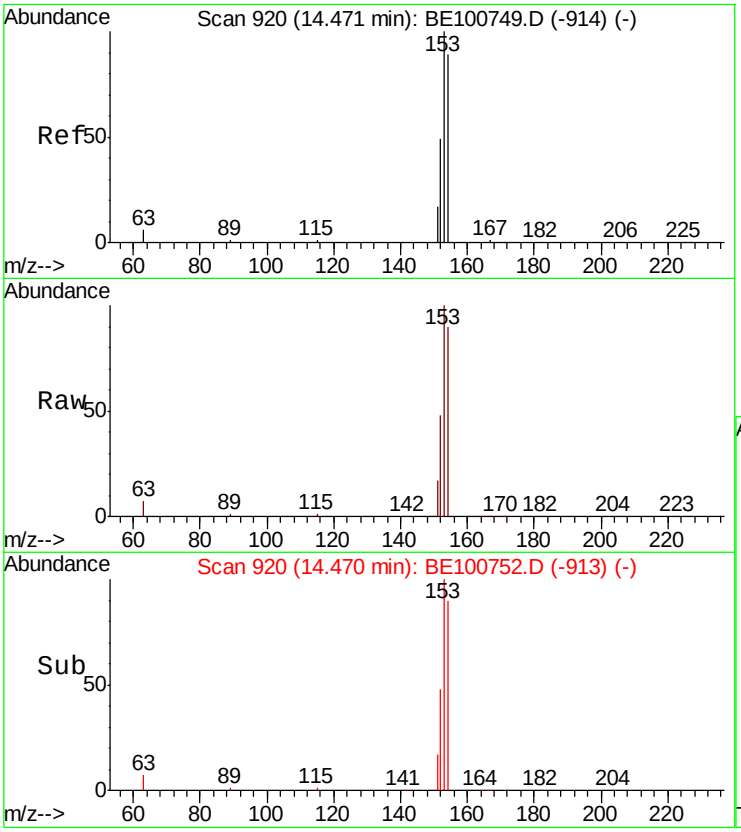


#16
Acenaphthylene
Concen: 3.709 ng
RT: 14.12 min Scan# 896
Delta R.T. -0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Tgt Ion:152 Resp: 200564

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.4
153	13.2	10.6	15.8



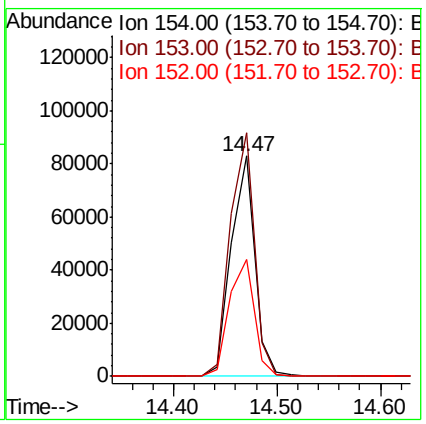


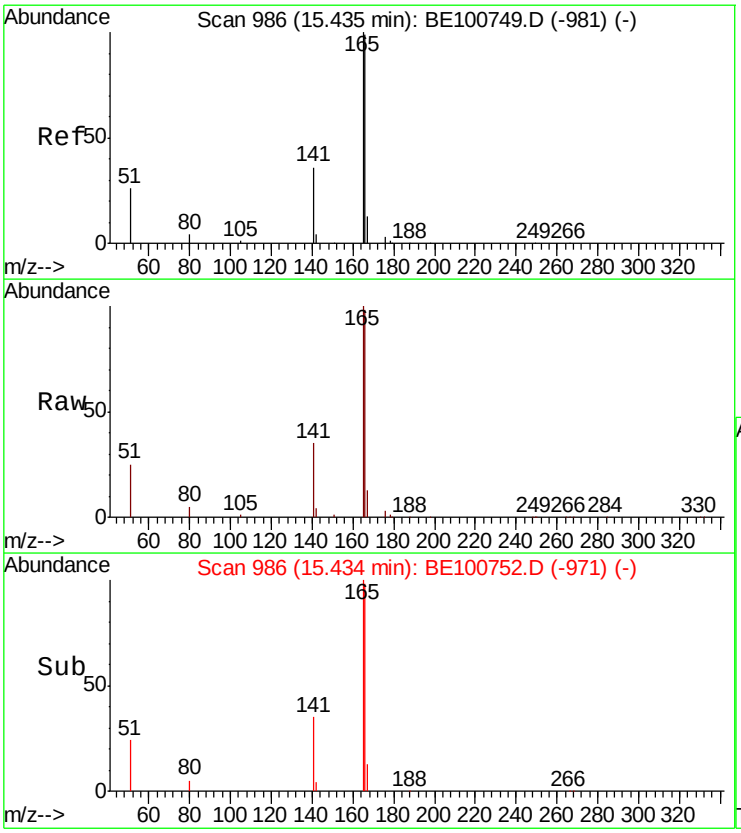
#17
Acenaphthene
Concen: 3.681 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 130773

Ion	Ratio	Lower	Upper
154	100		
153	112.7	91.6	137.4
152	56.0	47.0	70.6

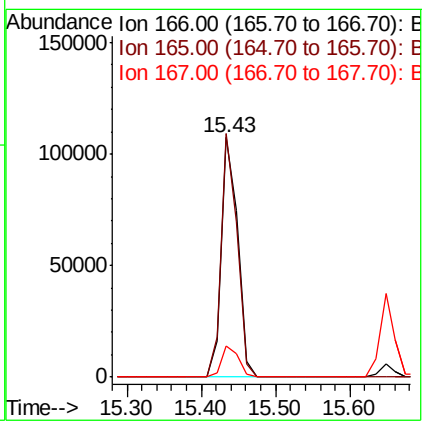


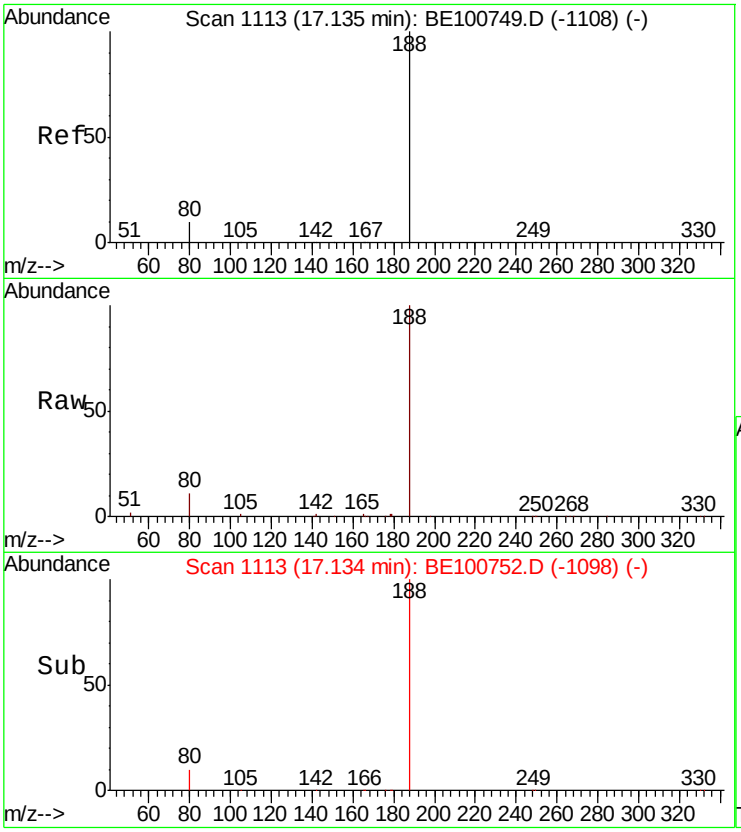


#18
Fluorene
Concen: 3.413 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Tgt Ion:166 Resp: 165848

Ion	Ratio	Lower	Upper
166	100		
165	98.9	80.2	120.4
167	13.6	11.0	16.4



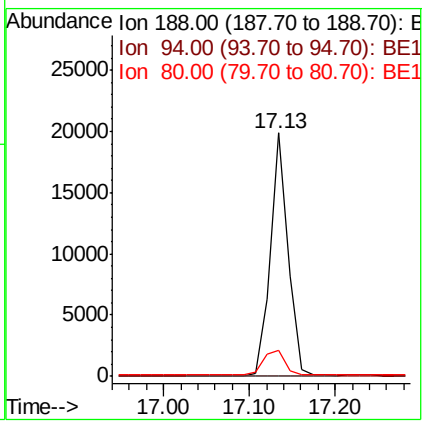


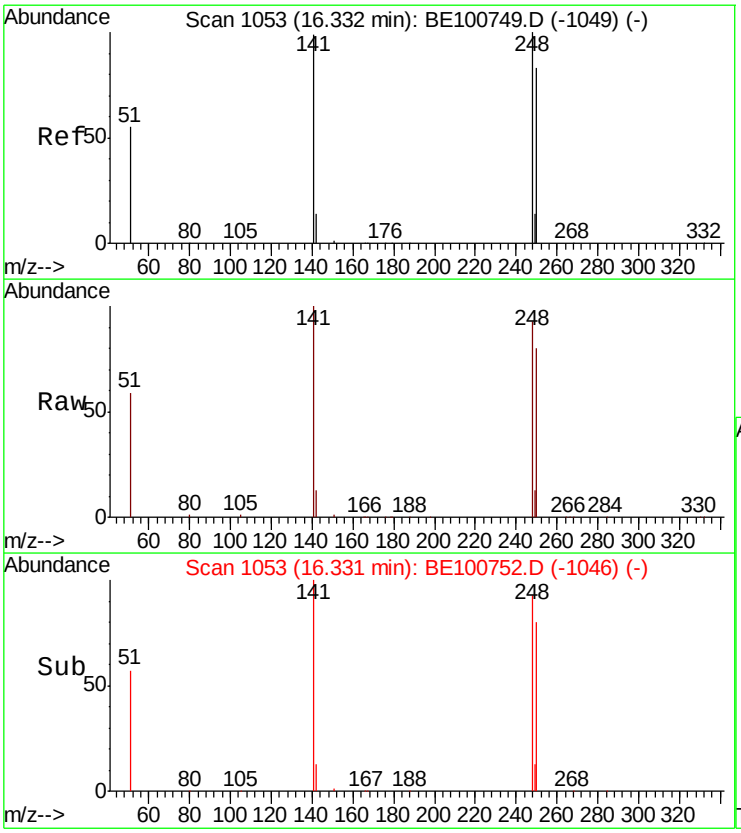
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 28185

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.7	8.2	12.2

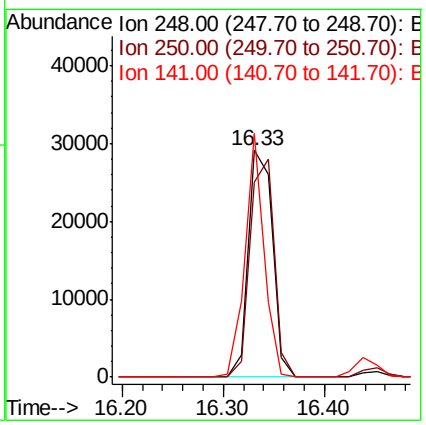


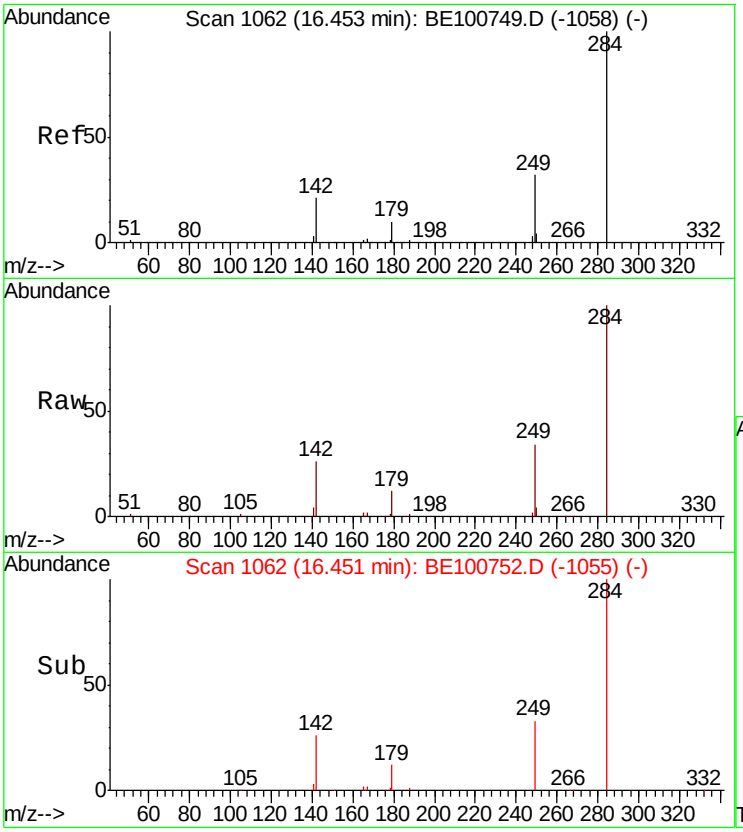


#20
4-Bromophenyl-phenylether
Concen: 3.254 ng
RT: 16.33 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Tgt Ion:248 Resp: 48465

Ion	Ratio	Lower	Upper
248	100		
250	86.0	66.3	99.5
141	107.5	79.6	119.4



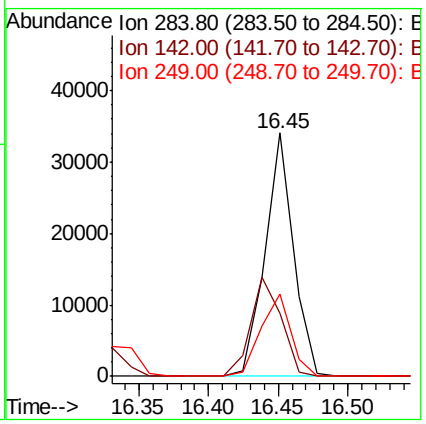


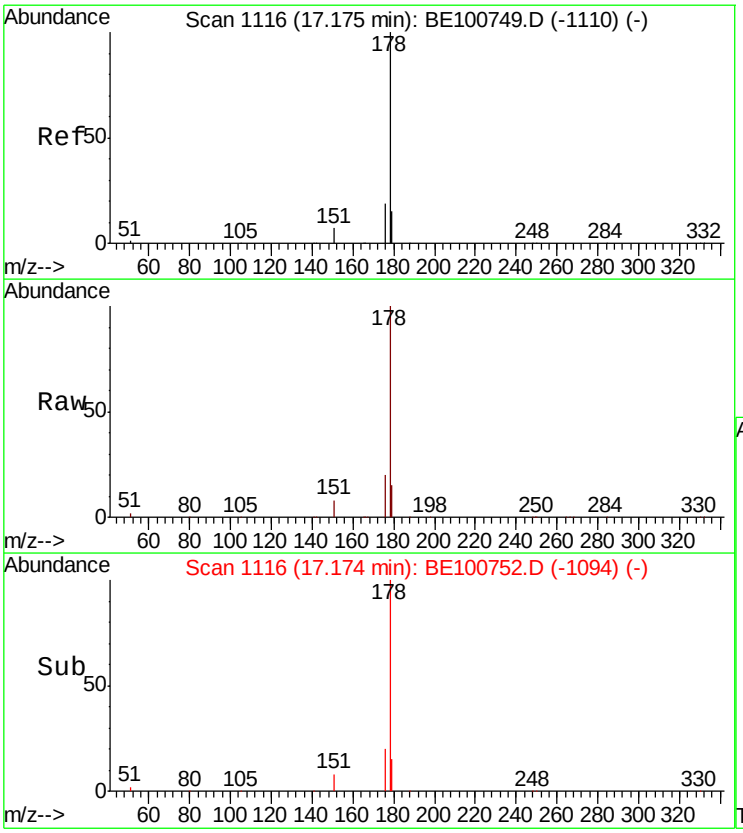
#21
Hexachlorobenzene
Concen: 3.340 ng
RT: 16.45 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 48329

Ion	Ratio	Lower	Upper
284	100		
142	43.5	34.9	52.3
249	35.5	28.7	43.1

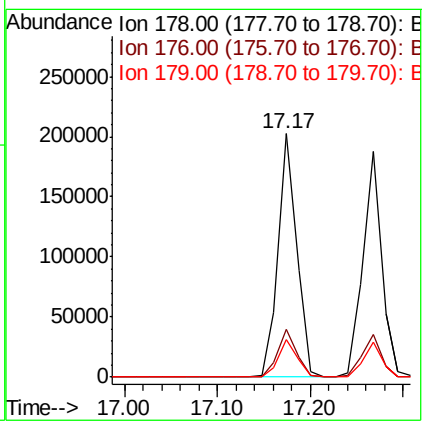


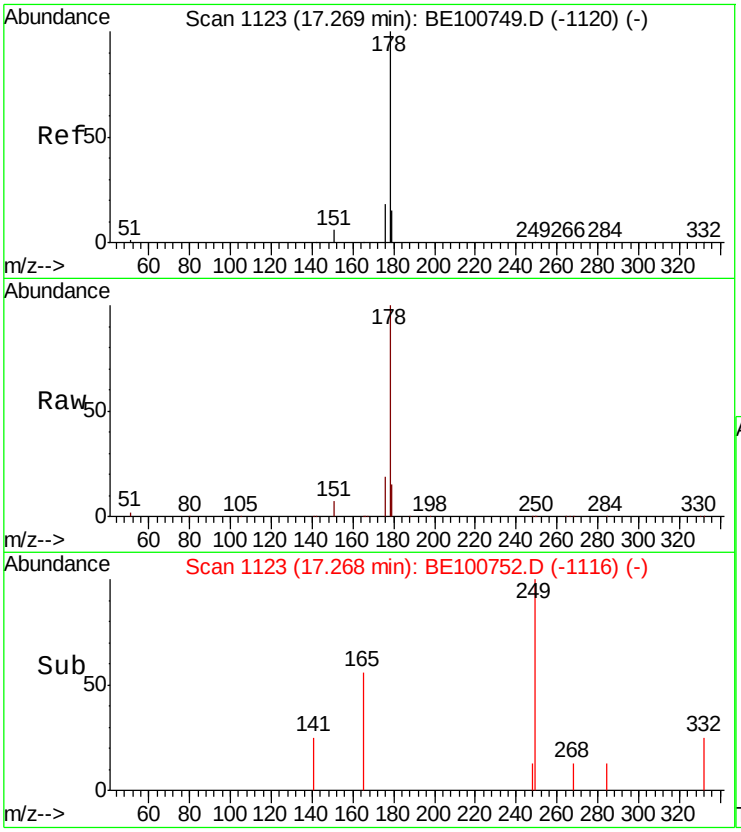


#23
Phenanthrene
Concen: 3.681 ng
RT: 17.17 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Tgt Ion:178 Resp: 282862

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	15.3	12.5	18.7



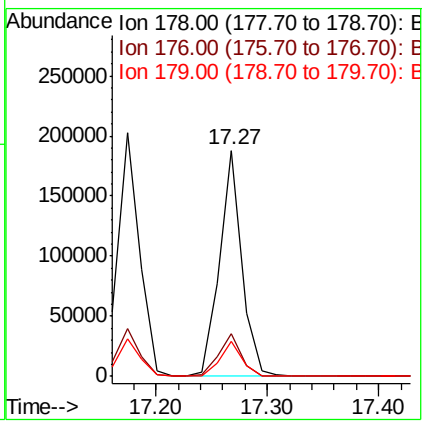


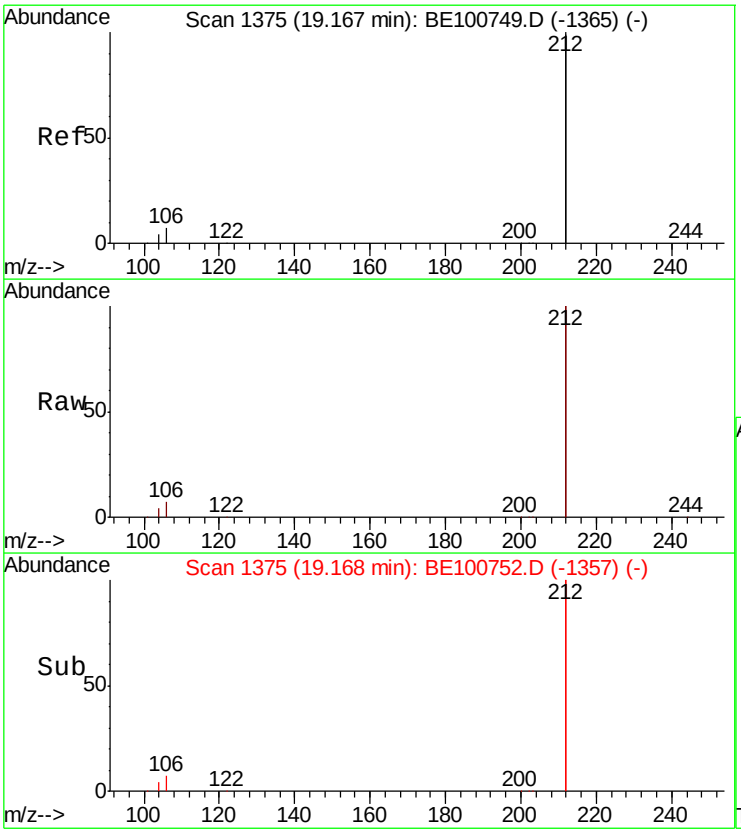
#24
Anthracene
Concen: 3.805 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 261098

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.5	12.2	18.4

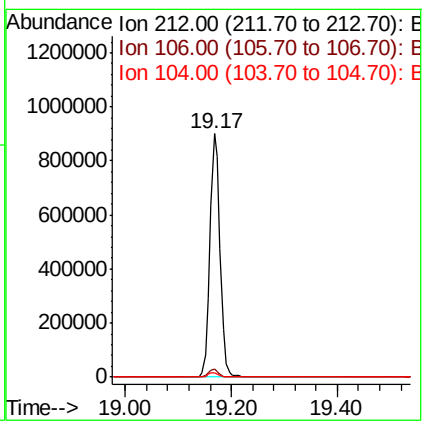


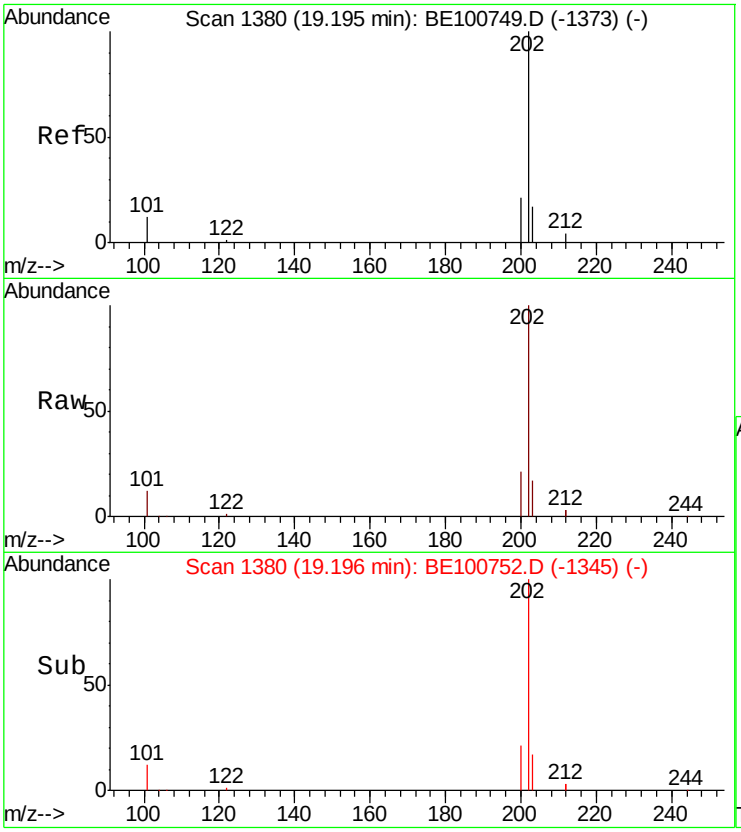


#25
Fluoranthene-d10
Concen: 3.241 ng
RT: 19.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Tgt Ion:212 Resp: 1207276

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	4.0
104	1.9	1.5	2.3



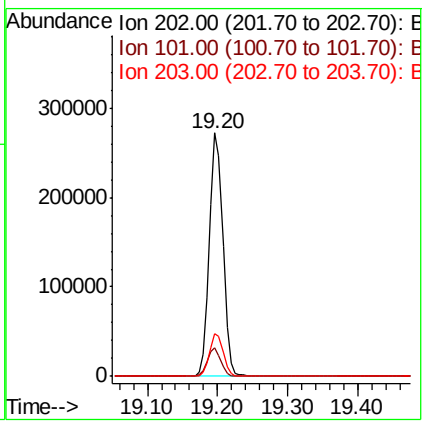


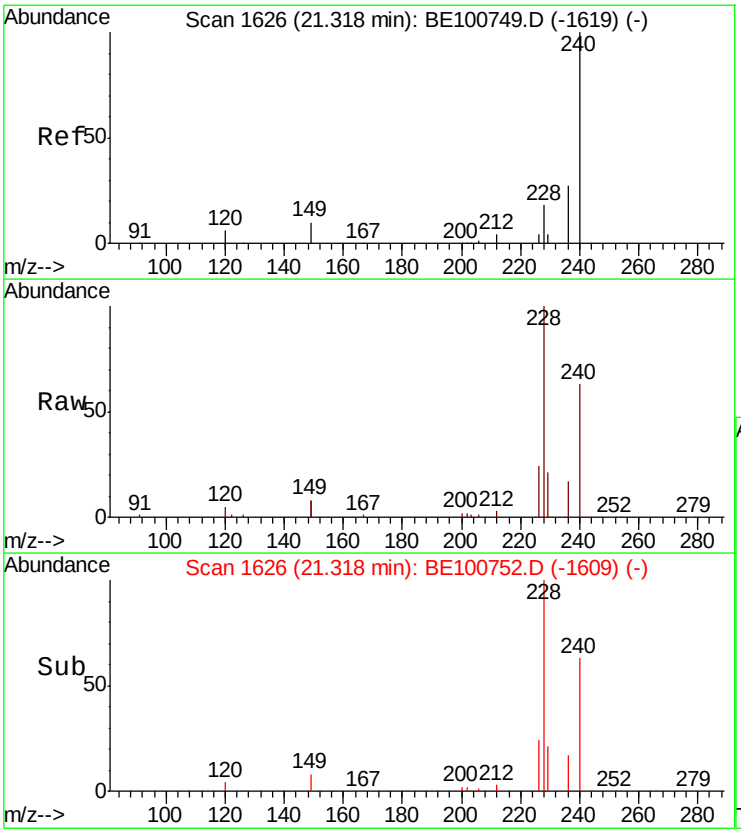
#26
Fluoranthene
Concen: 3.544 ng
RT: 19.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:202 Resp: 363619

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.2	13.8
203	17.6	13.8	20.8

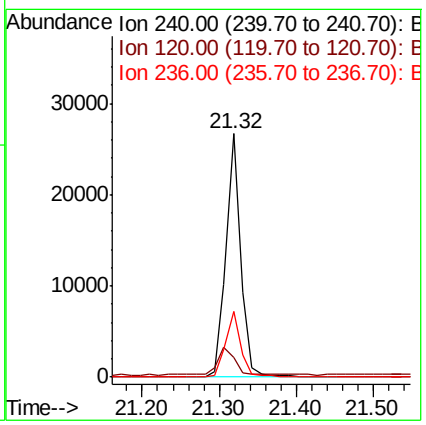


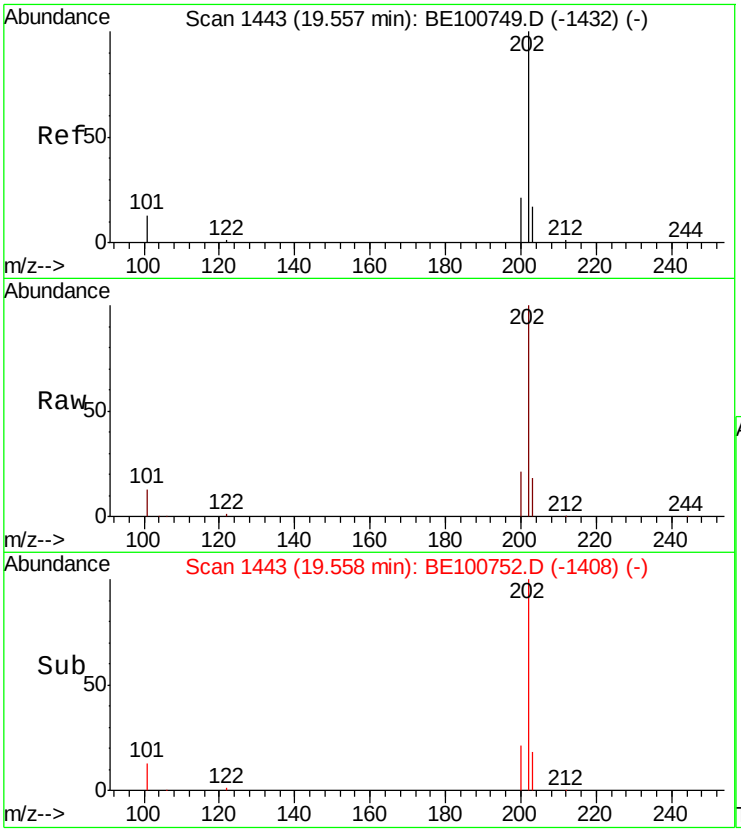


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Tgt Ion:240 Resp: 35052

Ion	Ratio	Lower	Upper
240	100		
120	8.1	5.8	8.8
236	27.1	21.9	32.9



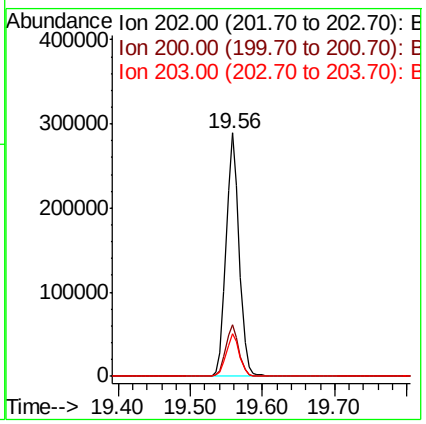


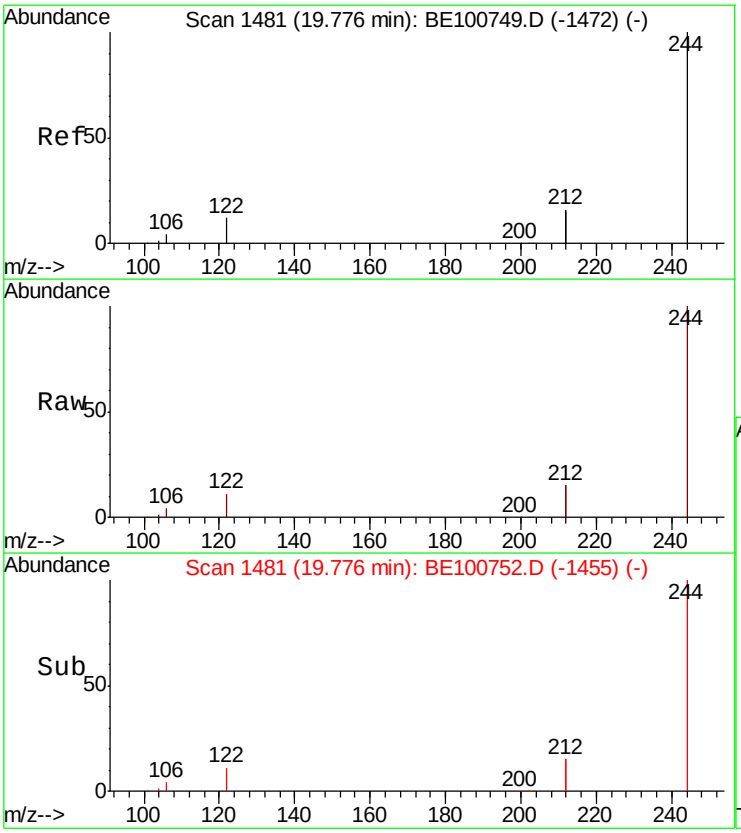
#28
Pyrene
Concen: 3.730 ng
RT: 19.56 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:202 Resp: 363501

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	24.8
203	17.6	14.0	21.0

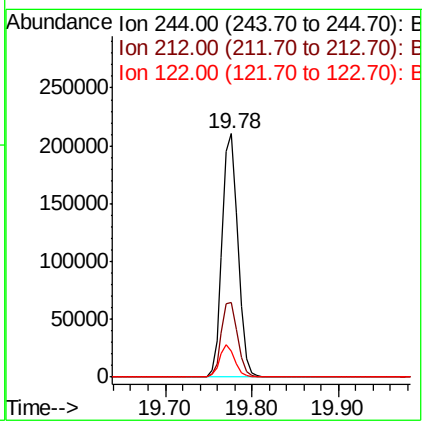


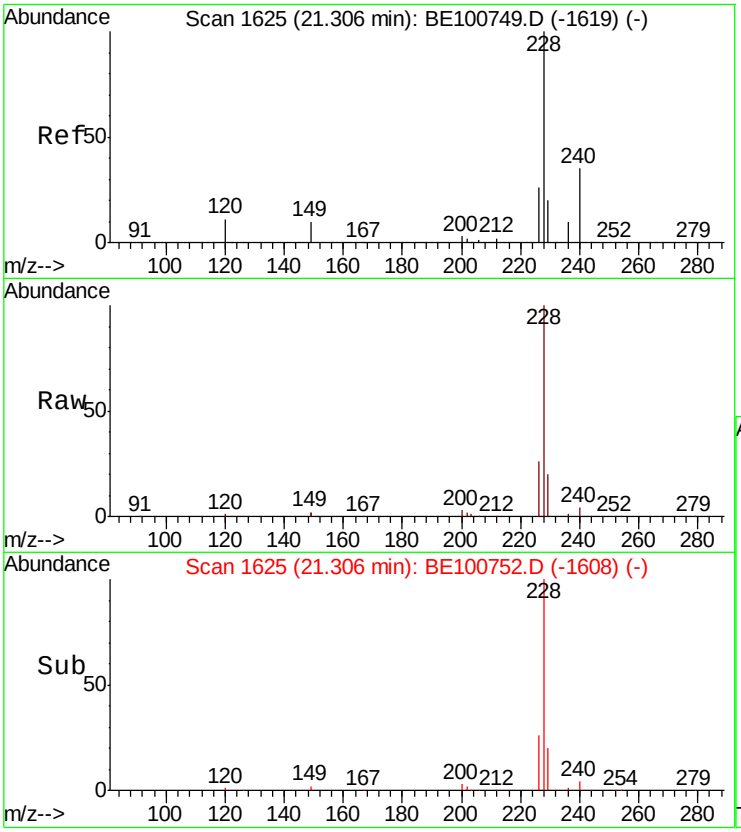


#29
Terphenyl-d14
Concen: 3.199 ng
RT: 19.78 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Tgt Ion:244 Resp: 267370

Ion	Ratio	Lower	Upper
244	100		
212	30.8	25.2	37.8
122	10.8	9.8	14.6



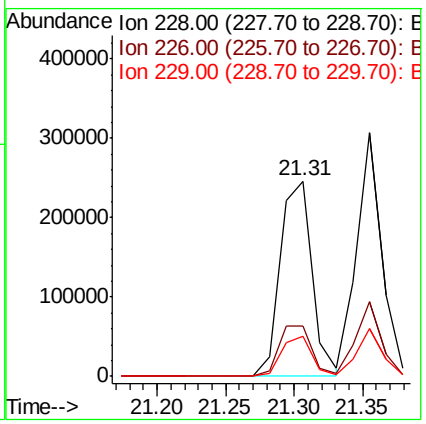


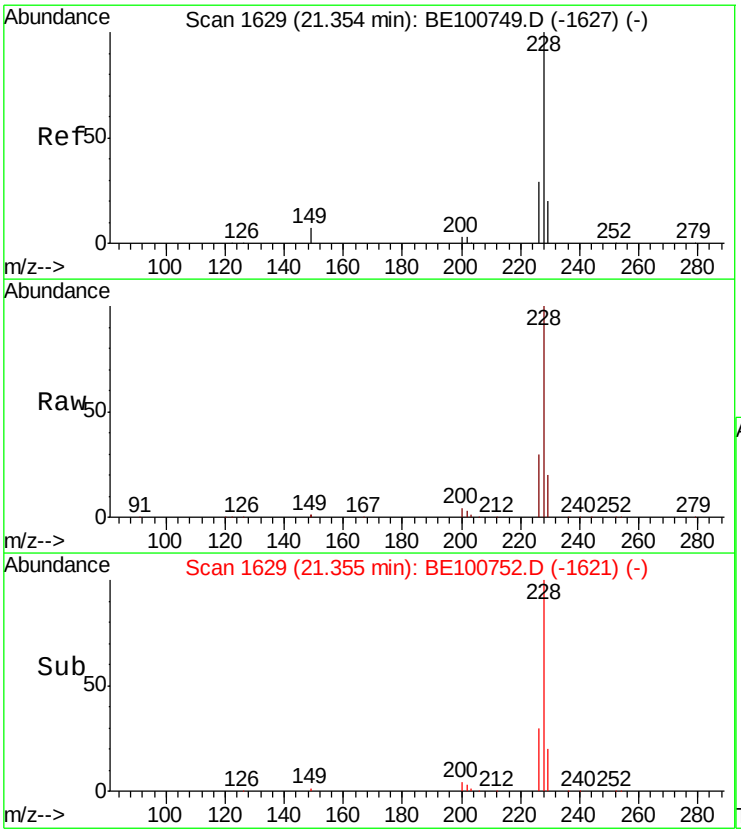
#30
Benzo(a)anthracene
Concen: 3.517 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 395570

Ion	Ratio	Lower	Upper
228	100		
226	26.1	20.7	31.1
229	20.4	16.2	24.2

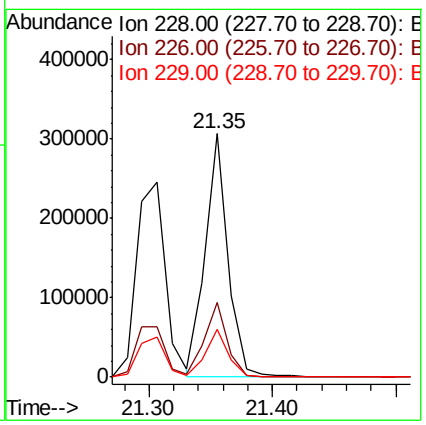


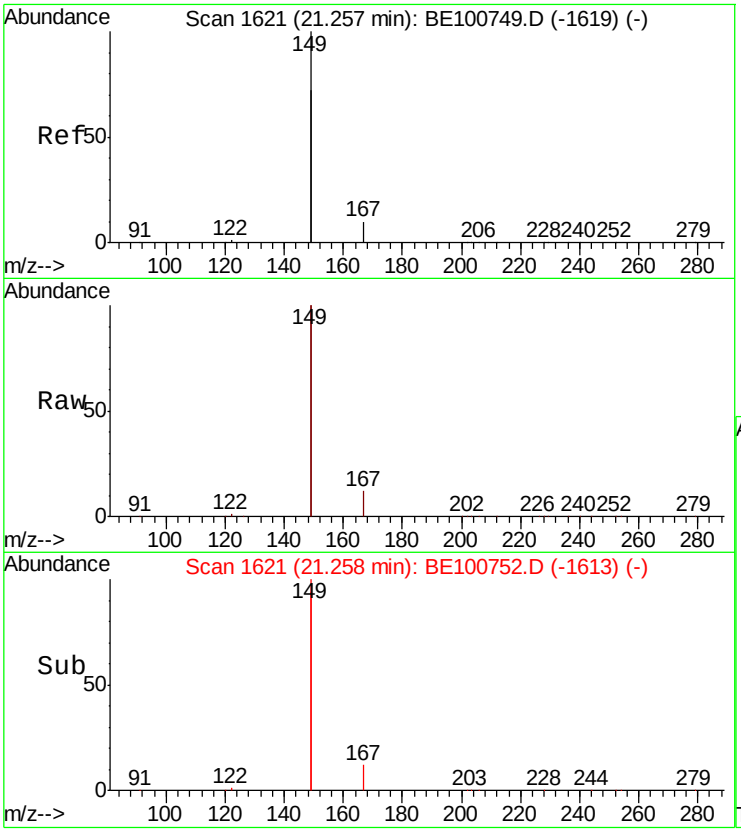


#31
Chrysene
Concen: 3.420 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Tgt Ion:228 Resp: 390494

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.6
229	19.7	15.9	23.9



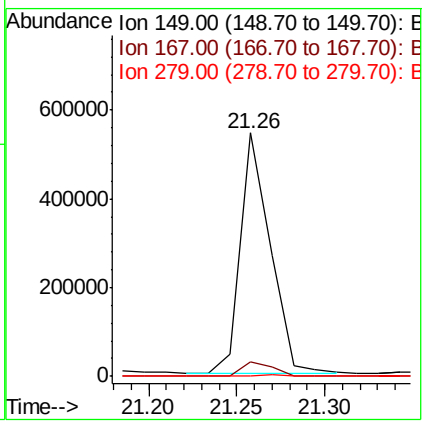


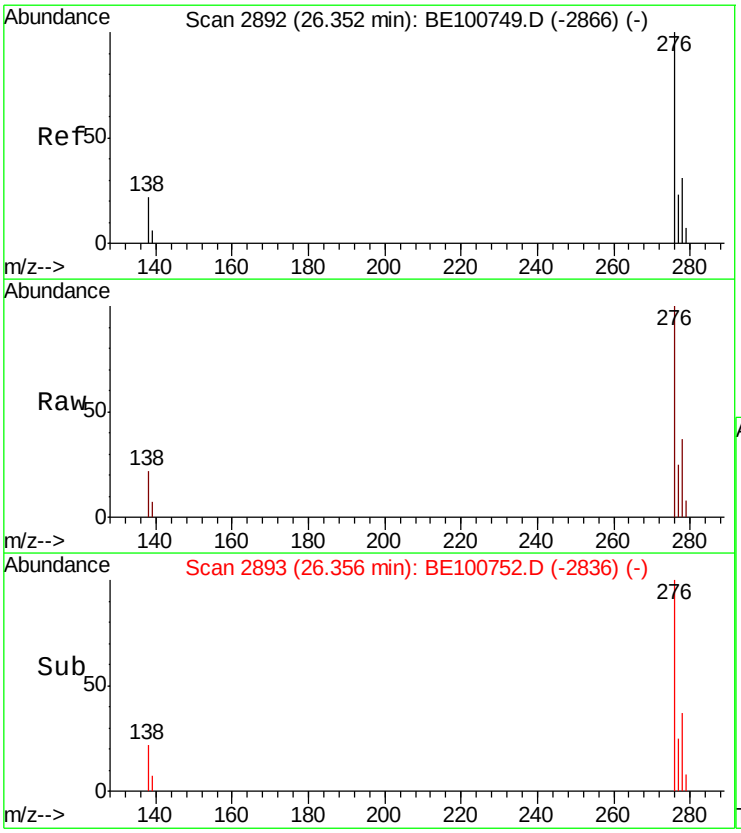
#32
Bis(2-ethylhexyl)phthalate
Concen: 3.180 ng
RT: 21.26 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:149 Resp: 634964

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.5	8.3
279	0.8	0.7	1.1

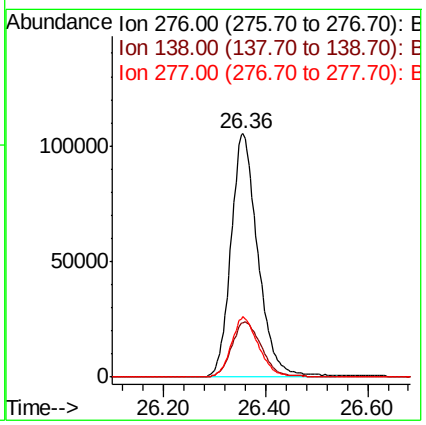


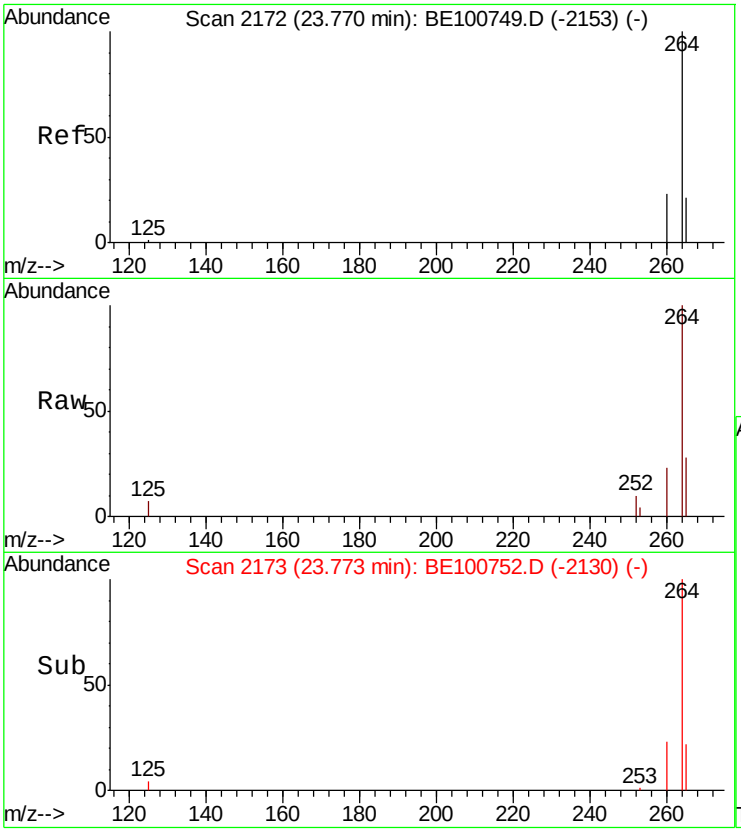


#33
Indeno(1,2,3-cd)pyrene
Concen: 2.882 ng
RT: 26.36 min Scan# 2893
Delta R.T. 0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Tgt Ion:276 Resp: 385691

Ion	Ratio	Lower	Upper
276	100		
138	25.0	19.8	29.6
277	24.8	19.7	29.5



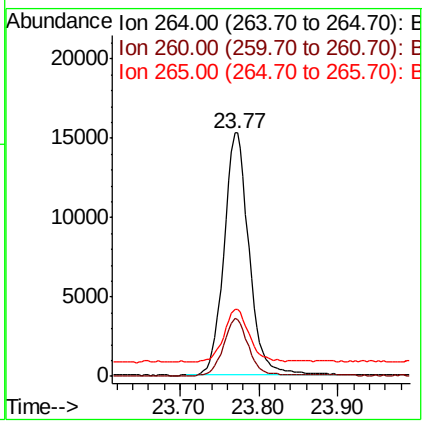


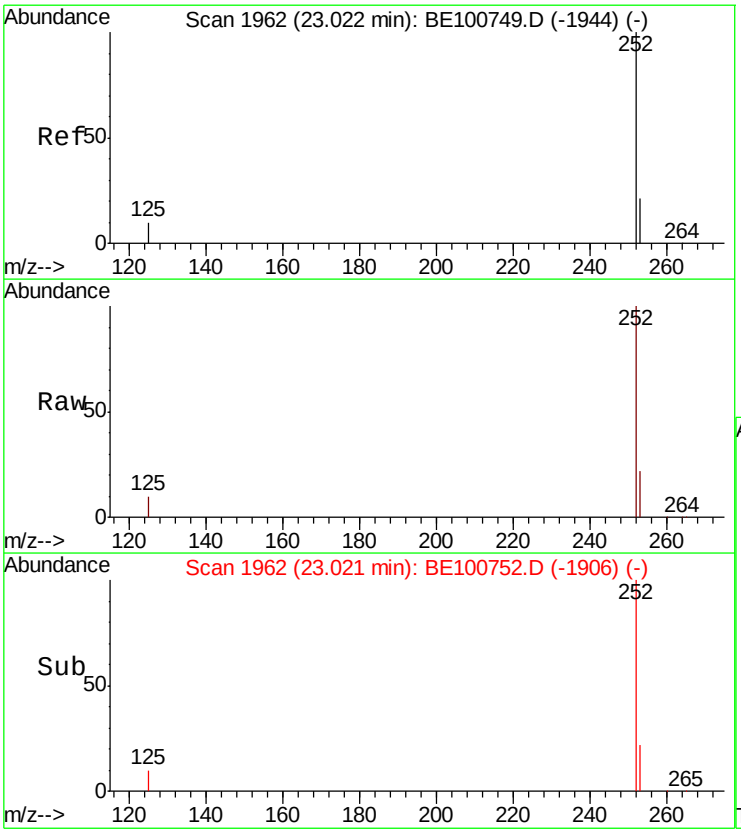
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.77 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:264 Resp: 33772

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	27.6	22.4	33.6

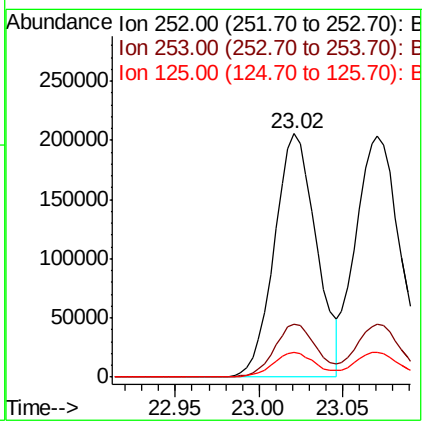


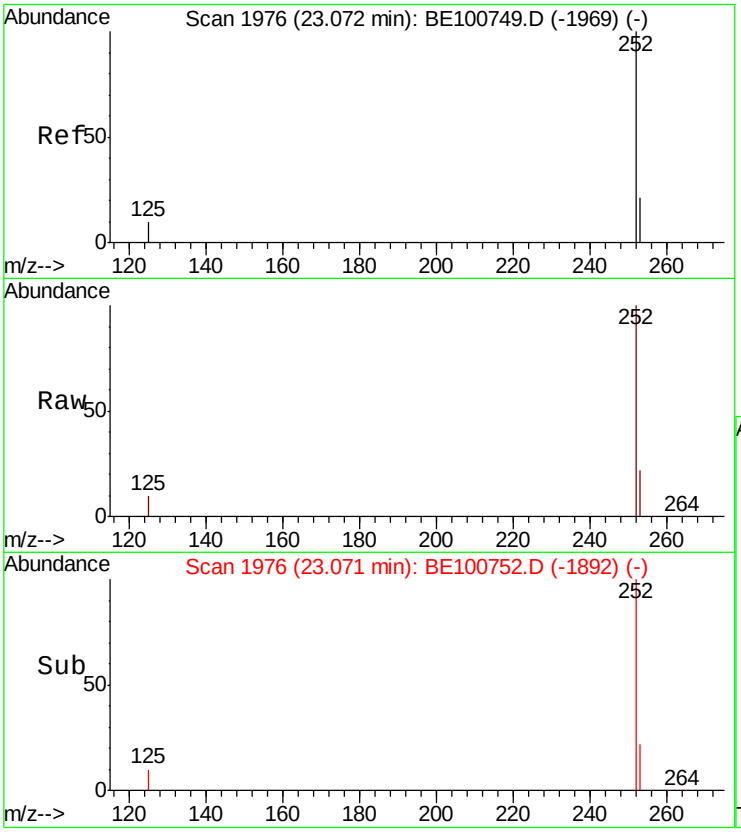


#35
Benzo(b)fluoranthene
Concen: 3.646 ng
RT: 23.02 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Tgt Ion:252 Resp: 359342

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.3	9.1	13.7



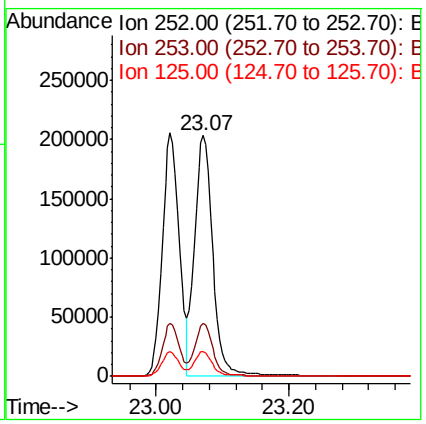


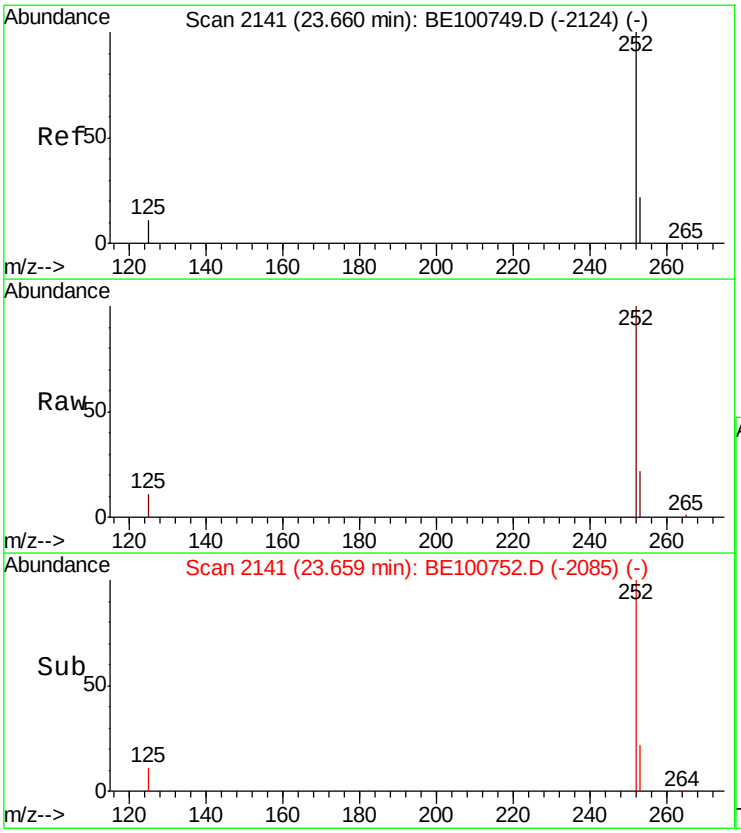
#36
Benzo(k)fluoranthene
Concen: 3.754 ng
RT: 23.07 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 387595

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.2	9.0	13.4

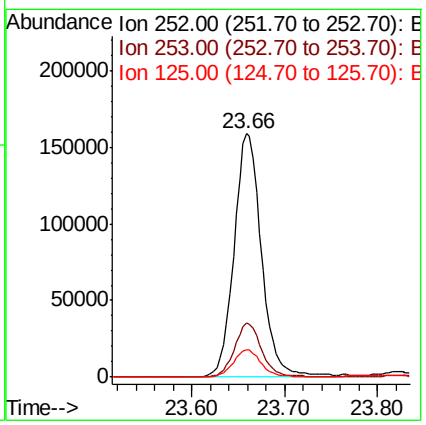


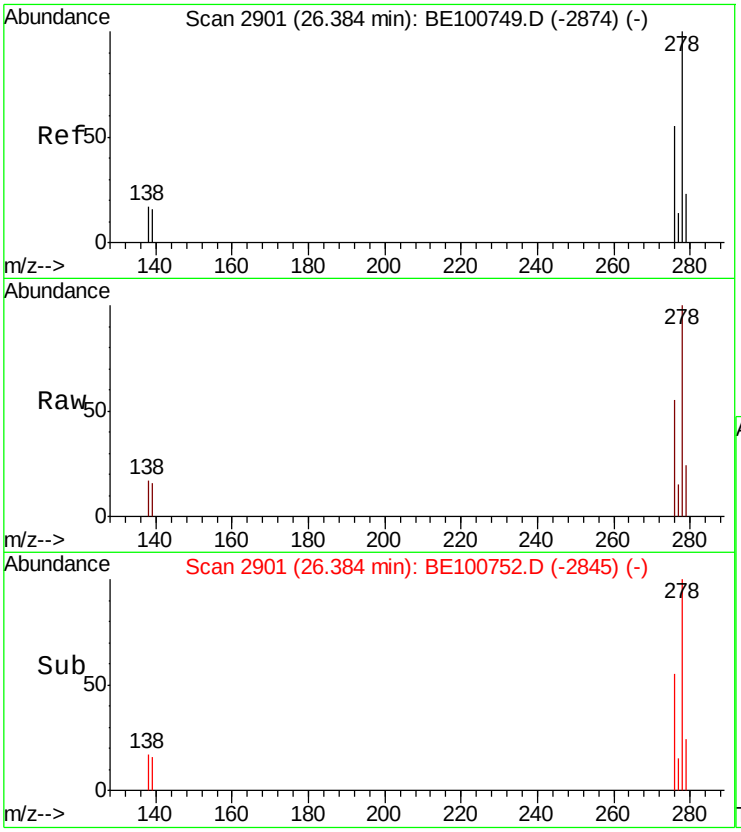


#37
Benzo(a)pyrene
Concen: 3.526 ng
RT: 23.66 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Tgt Ion:252 Resp: 323868

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.3	27.5
125	11.4	10.5	15.7



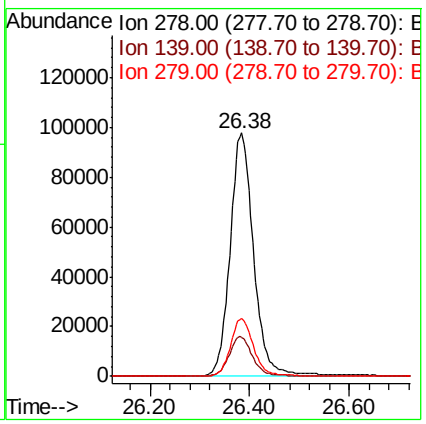


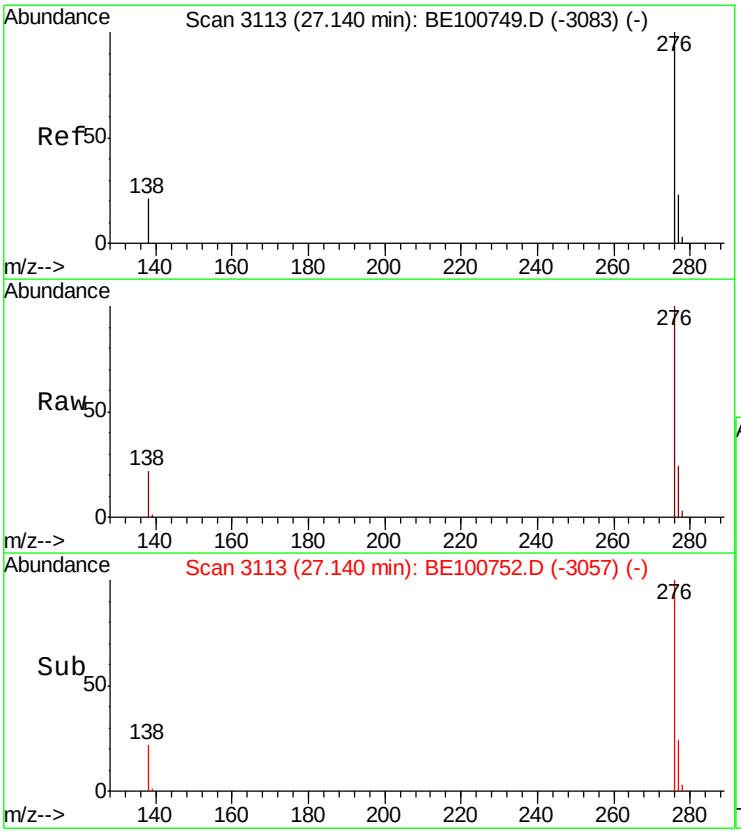
#38
Dibenzo(a,h)anthracene
Concen: 3.348 ng
RT: 26.38 min Scan# 2901
Delta R.T. 0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:278 Resp: 320587

Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.2	19.8
279	23.8	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 3.371 ng
RT: 27.14 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BE100752.D
Acq: 21 Nov 2019 19:41

Tgt Ion:276 Resp: 316698

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	21.6	17.8	26.8