Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112119\
Data File : BE100753.D
Acq On : 21 Nov 2019 20:20
Operator : JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC5.0

Quant Time: Nov 22 01:48:33 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	5254	0.40	ng		0.00
7) Naphthalene-d8	10.55	136	23634	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	13308	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	28277	0.40	ng		0.00
27) Chrysene-d12	21.32	240	34255	0.40	ng		0.00
34) Perylene-d12	23.77	264	33423	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	75654	4.93	ng		0.00
5) Phenol-d6	6.93	99	111994	5.16	ng		0.00
8) Nitrobenzene-d5	8.90	82	50362	2.51	ng		0.00
11) 2-Methylnaphthalene-d10	12.14	152	182865	4.85	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	15064	10.88	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	256793	5.26	ng		0.00
25) Fluoranthene-d10	19.17	212	1877517	5.02	ng		0.00
29) Terphenyl-d14	19.78	244	410085	5.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	44778	4.891	ng		96
3) n-Nitrosodimethylamine	3.64	42	45366	4.988	ng	#	92
6) bis(2-Chloroethyl)ether	7.19	93	94615	4.990	ng		97
9) Naphthalene	10.59	128	1264728	5.163	ng		100
10) Hexachlorobutadiene	10.90	225	48589	4.294	ng		99
12) 2-Methylnaphthalene	12.22	142	208913	5.002	ng		98
16) Acenaphthylene	14.12	152	322785	5.999	ng		99
17) Acenaphthene	14.47	154	200887	5.683	ng		97
18) Fluorene	15.43	166	261209	5.402	ng		99
20) 4-Bromophenyl-phenylether	16.33	248	76400	5.114	ng		96
21) Hexachlorobenzene	16.45	284	76556	5.274	ng		98
23) Phenanthrene	17.17	178	441061	5.722	ng		99
24) Anthracene	17.27	178	417760	6.068	ng		100
26) Fluoranthene	19.20	202	564185	5.481	ng		99
28) Pyrene	19.56	202	573288	6.020	ng		99
30) Benzo(a)anthracene	21.30	228	606443	5.517	ng		99
31) Chrysene	21.35	228	593725	5.321	ng		99
32) Bis(2-ethylhexyl)phthalate	21.26	149	1085326	5.562	ng		99
33) Indeno(1,2,3-cd)pyrene	26.35	276	598583	4.576	ng		100
35) Benzo(b)fluoranthene	23.02	252	559653	5.738	ng		99
36) Benzo(k)fluoranthene	23.07	252	591532	5.788	ng		99
37) Benzo(a)pyrene	23.66	252	507090	5.579	ng		97
38) Dibenzo(a,h)anthracene	26.38	278	496899	5.243	ng		99
39) Benzo(g,h,i)perylene	27.14	276	486779	5.236	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112119\
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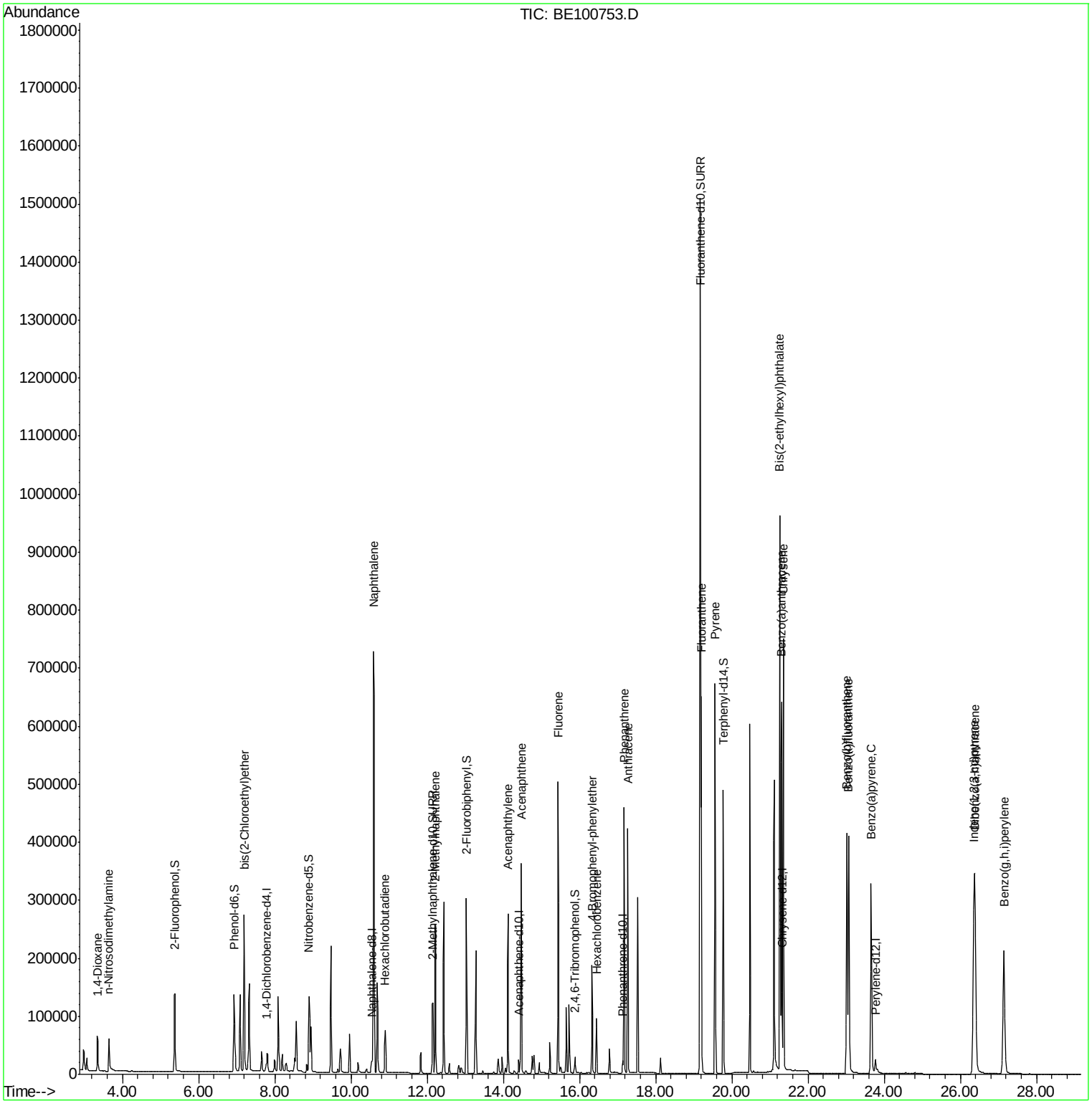
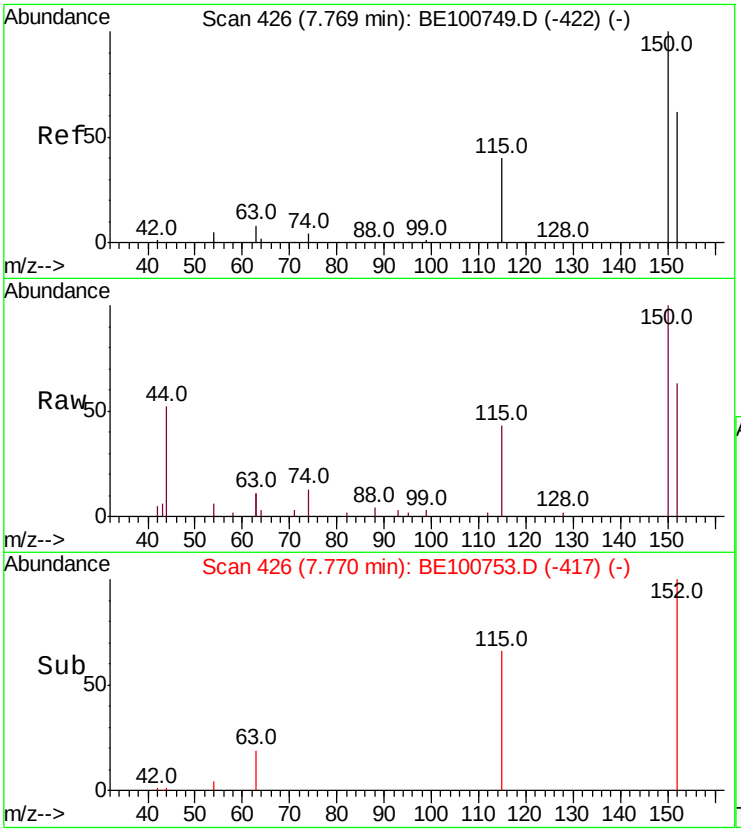
Acq On : 21 Nov 2019 20:20
Operator : JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Quant Time: Nov 22 01:48:33 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



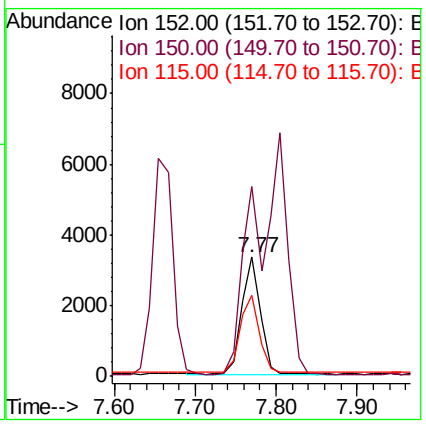


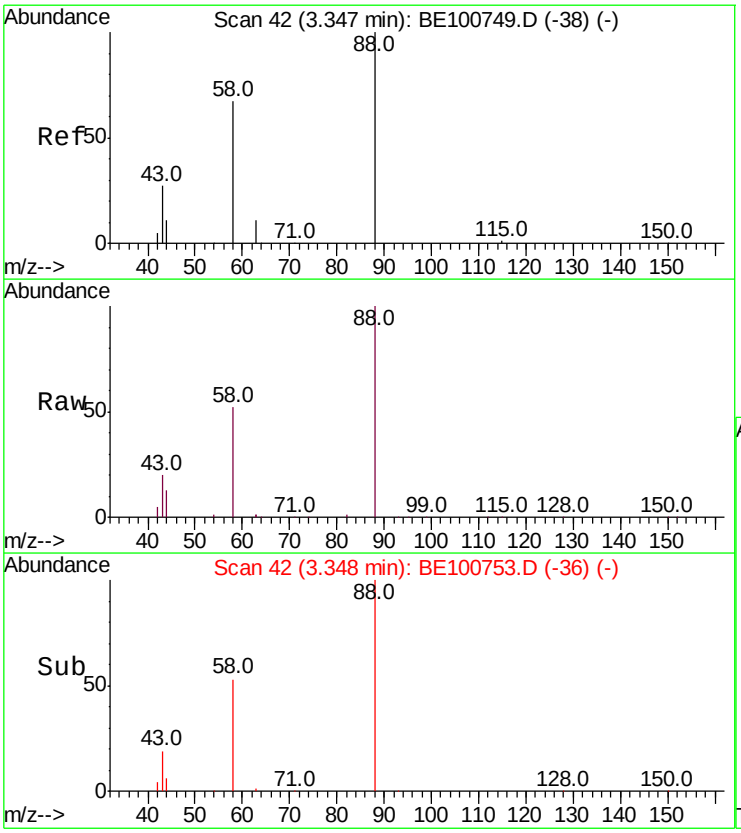
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. 0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 5254

Ion	Ratio	Lower	Upper
152	100		
150	159.2	127.1	190.7
115	68.1	53.0	79.4

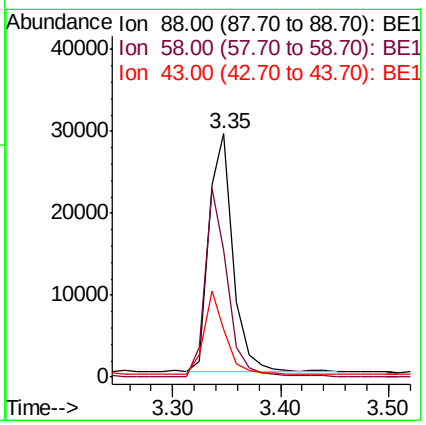


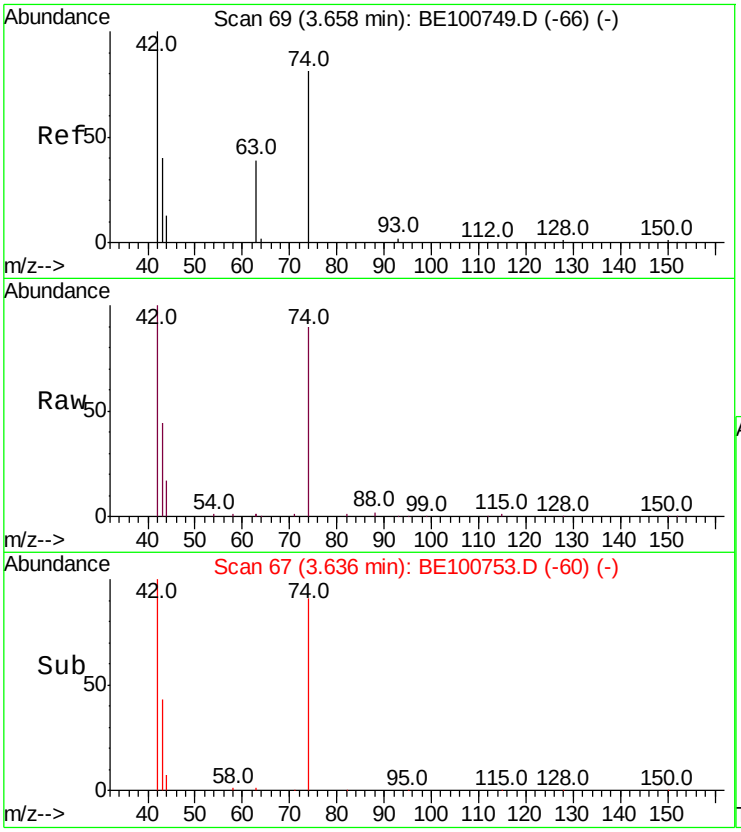


#2
1,4-Dioxane
Concen: 4.891 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Tgt Ion: 88 Resp: 44778

Ion	Ratio	Lower	Upper
88	100		
58	73.7	60.7	91.1
43	30.8	27.4	41.2



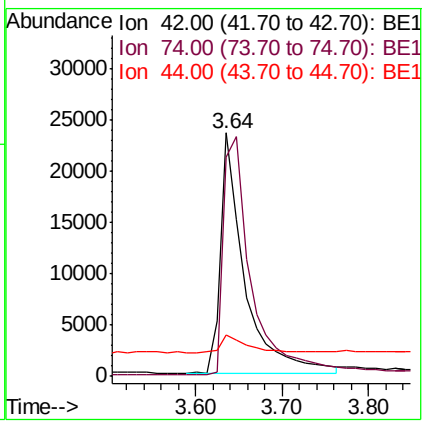


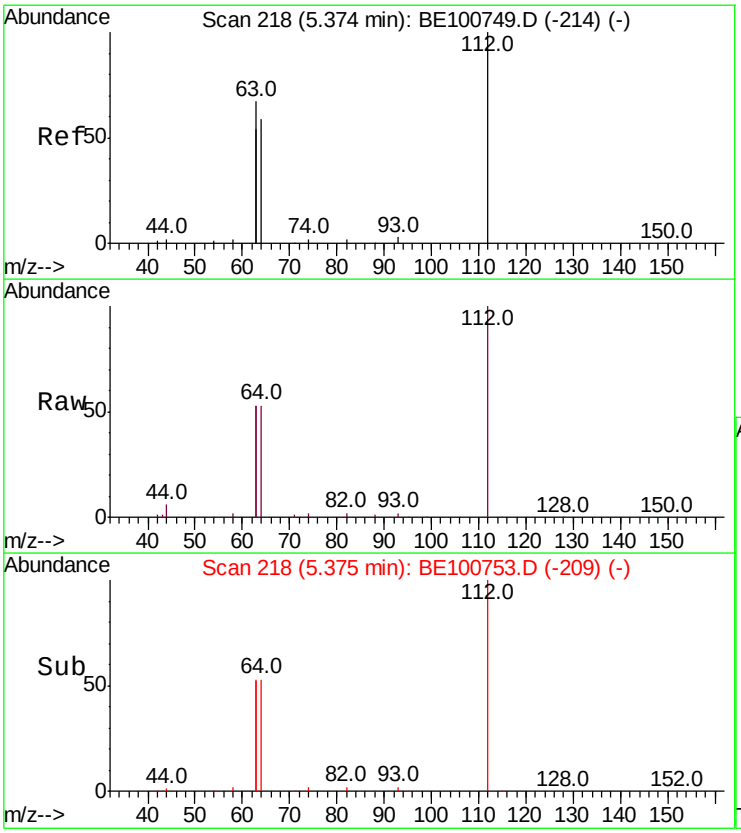
#3
n-Nitrosodimethylamine
Concen: 4.988 ng
RT: 3.64 min Scan# 67
Delta R.T. -0.02 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion: 42 Resp: 45366

Ion	Ratio	Lower	Upper
42	100		
74	116.3	0.0	0.0#
44	8.0	4.2	6.4#

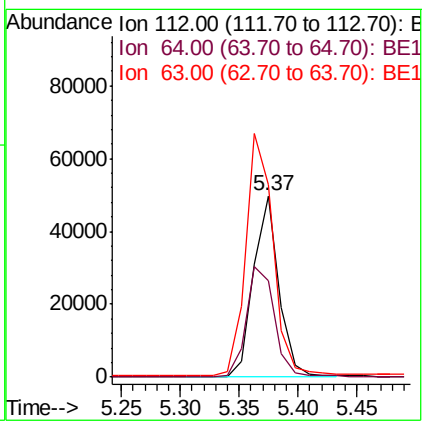


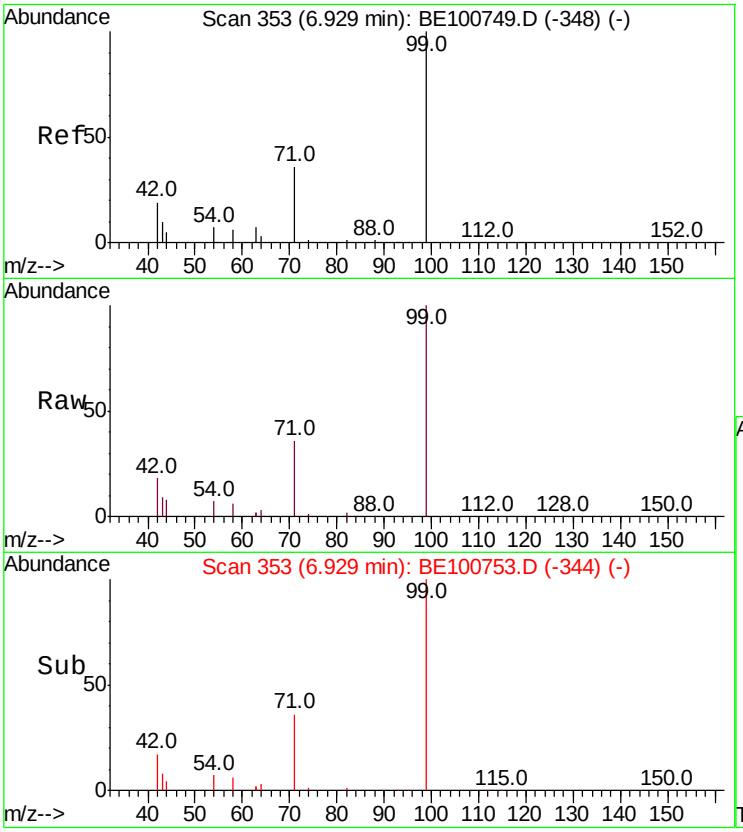


#4
2-Fluorophenol
Concen: 4.931 ng
RT: 5.37 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Tgt Ion:112 Resp: 75654

Ion	Ratio	Lower	Upper
112	100		
64	67.0	54.3	81.5
63	142.4	114.0	171.0



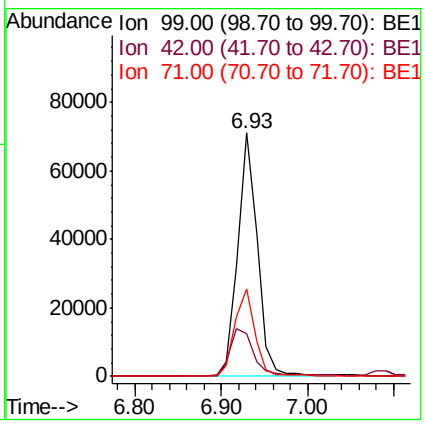


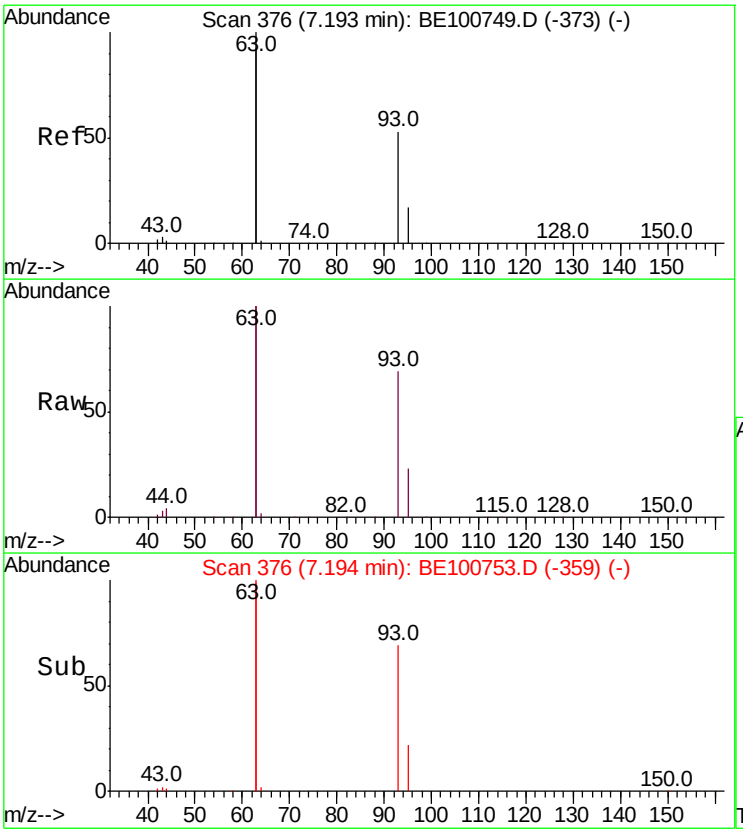
#5
Phenol-d6
Concen: 5.160 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion: 99 Resp: 111994

Ion	Ratio	Lower	Upper
99	100		
42	23.0	17.9	26.9
71	36.6	29.3	43.9

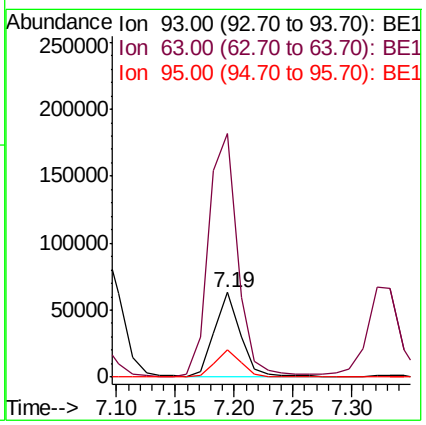


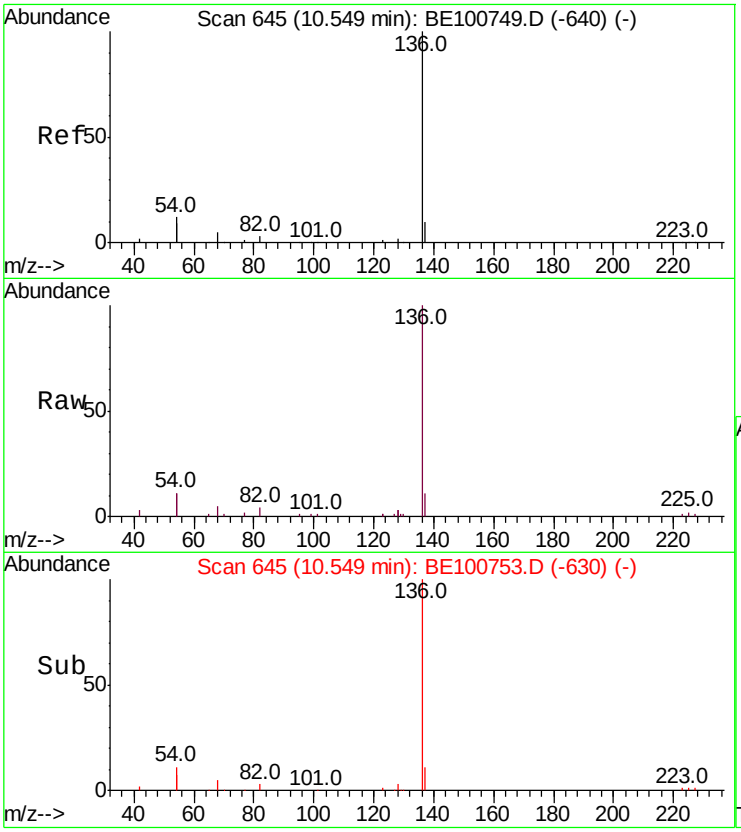


#6
bis(2-Chloroethyl)ether
Concen: 4.990 ng
RT: 7.19 min Scan# 376
Delta R.T. 0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Tgt Ion: 93 Resp: 94615

Ion	Ratio	Lower	Upper
93	100		
63	326.5	267.0	400.6
95	32.9	26.2	39.4



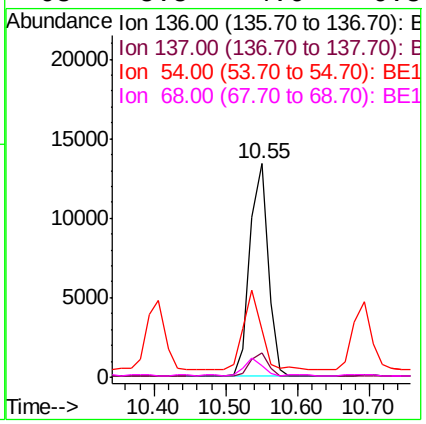


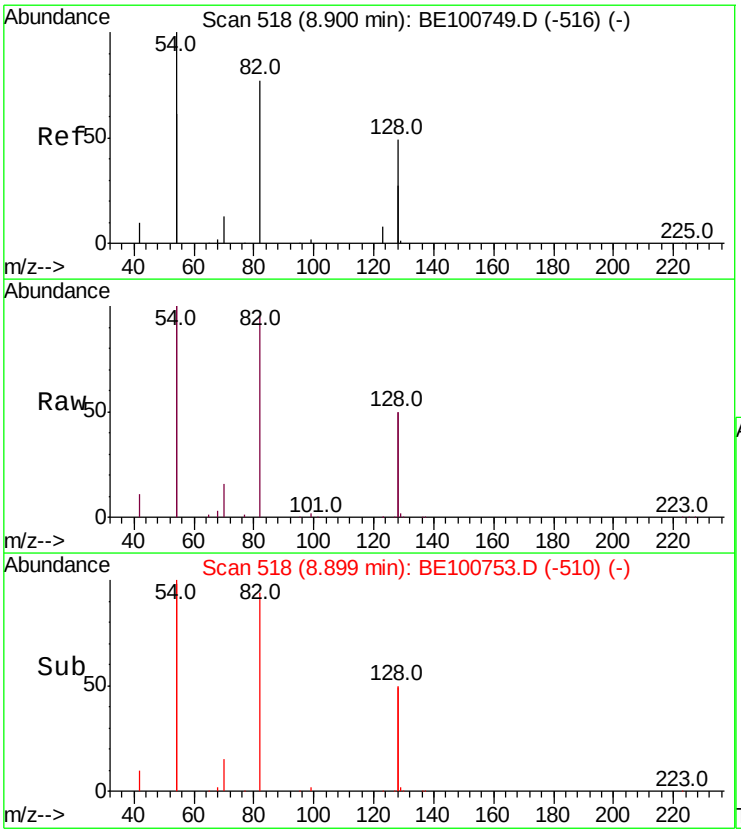
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:136 Resp: 23634

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	22.0	19.4	29.0
68	5.5	4.6	6.8

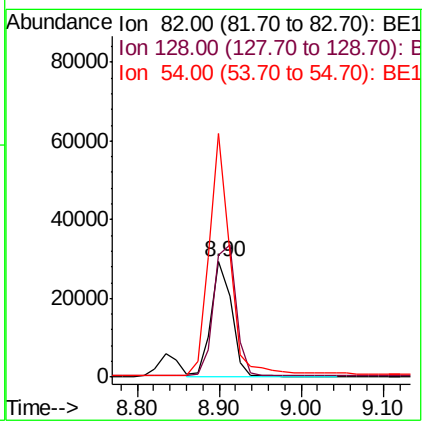


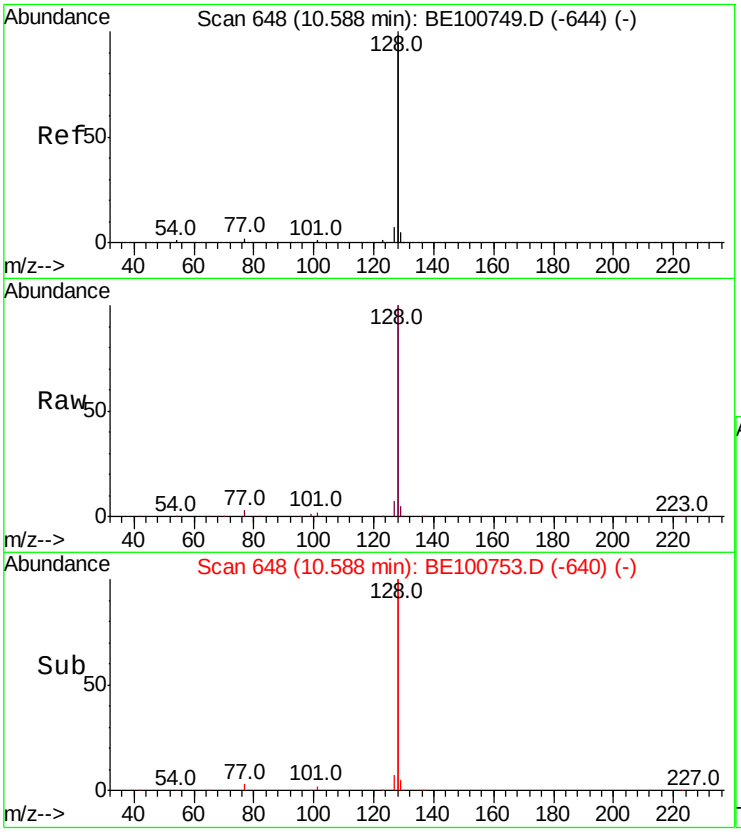


#8
Nitrobenzene-d5
Concen: 2.507 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Tgt Ion: 82 Resp: 50362

Ion	Ratio	Lower	Upper
82	100		
128	106.1	90.2	135.4
54	211.0	186.0	279.0



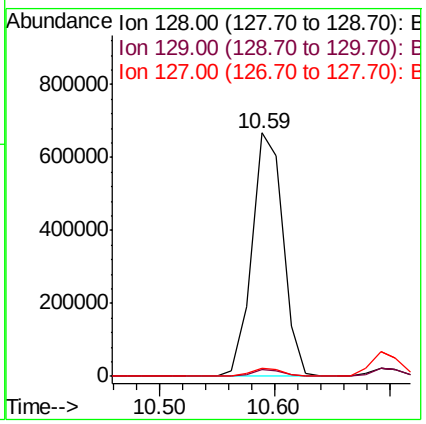


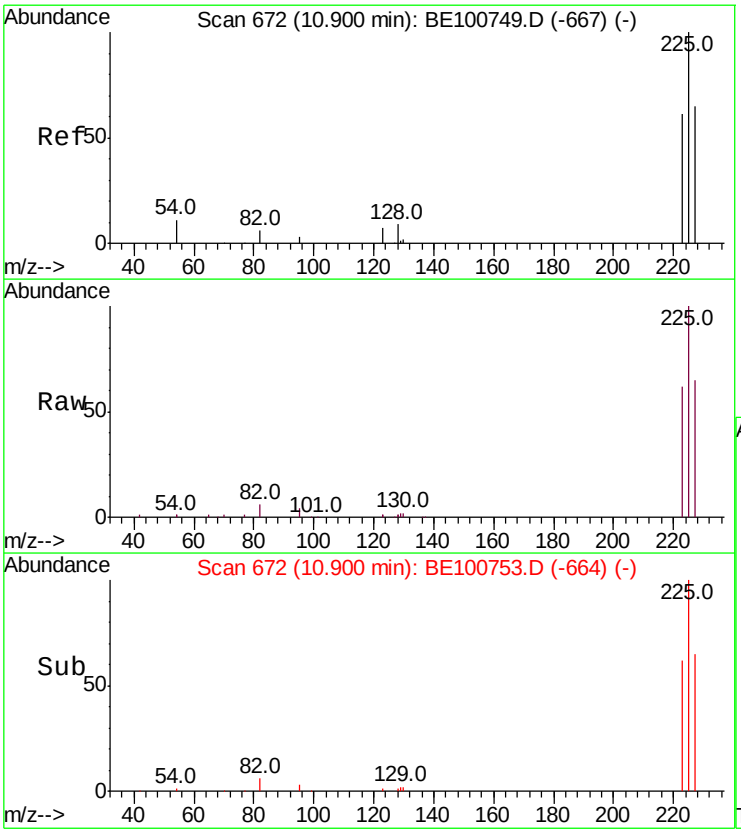
#9
Naphthalene
Concen: 5.163 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:128 Resp: 1264728

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

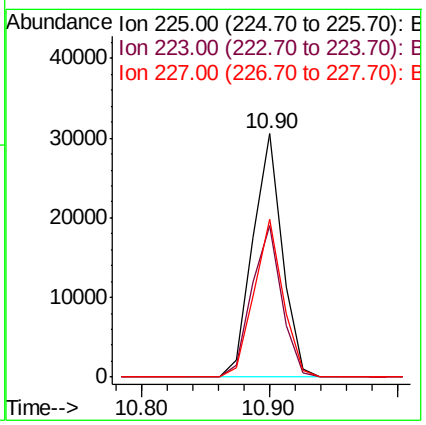


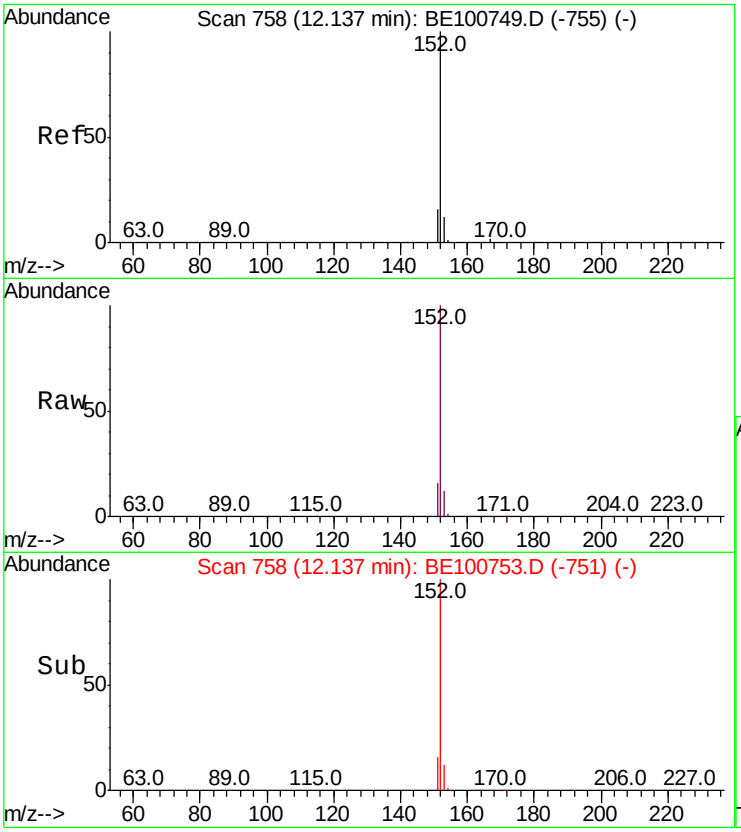


#10
Hexachlorobutadiene
Concen: 4.294 ng
RT: 10.90 min Scan# 672
Delta R.T. -0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Tgt Ion:225 Resp: 48589

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	75.8
227	63.5	52.0	78.0



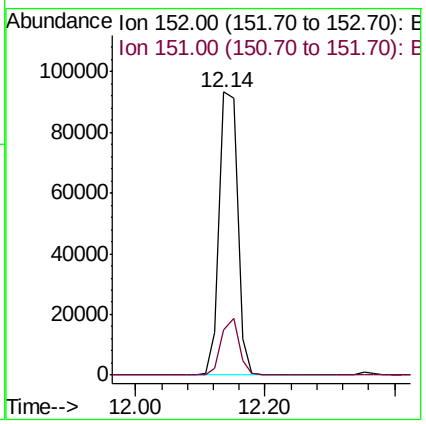


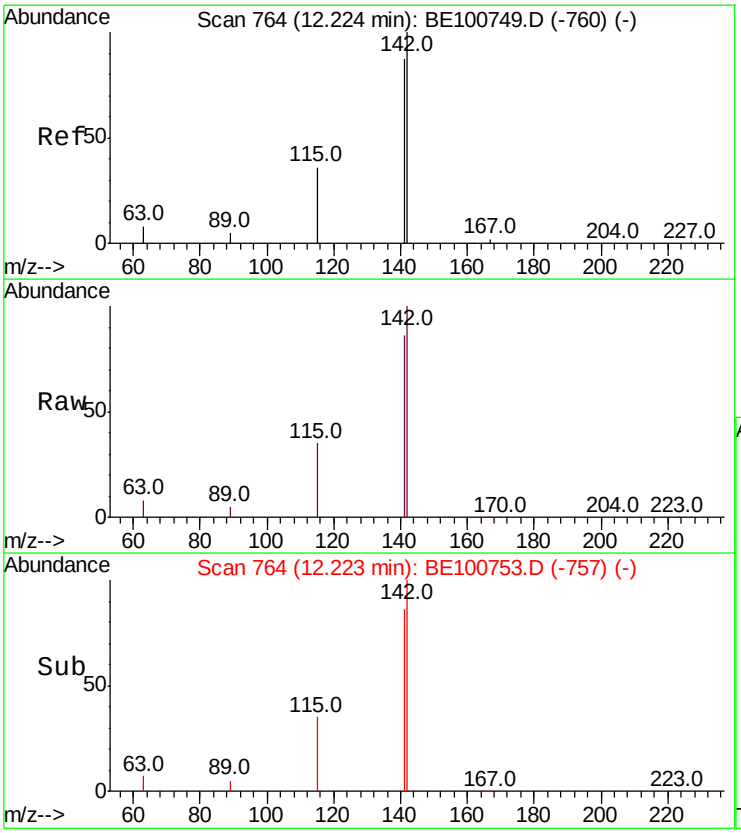
#11
2-Methylnaphthalene-d10
Concen: 4.852 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 182865

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.8	23.8

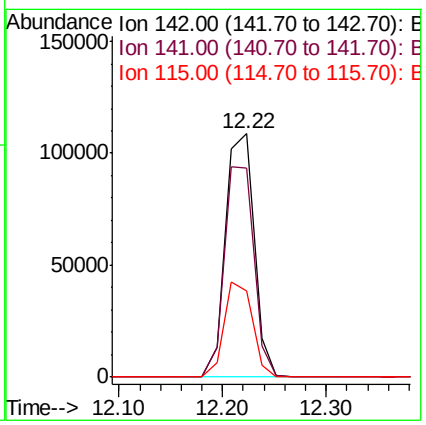


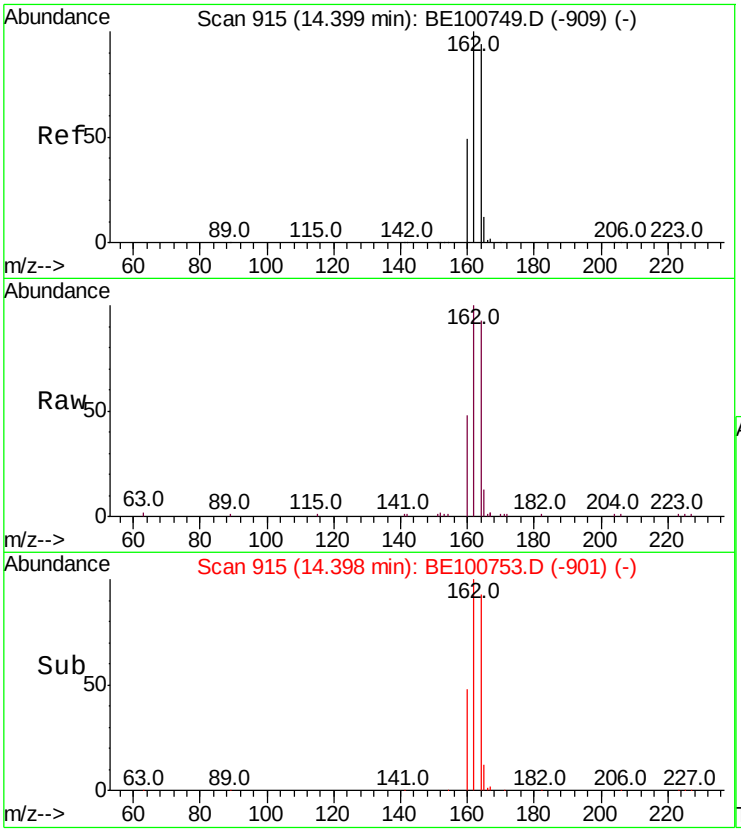


#12
2-Methylnaphthalene
Concen: 5.002 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Tgt Ion:142 Resp: 208913

Ion	Ratio	Lower	Upper
142	100		
141	86.0	69.9	104.9
115	35.3	29.5	44.3



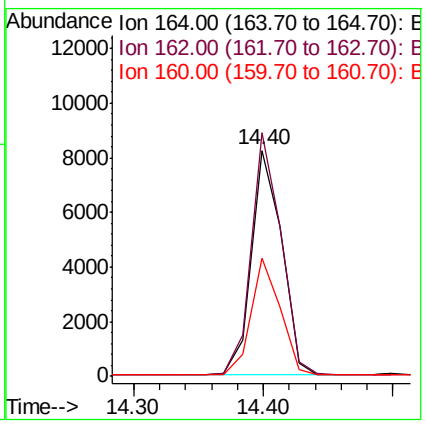


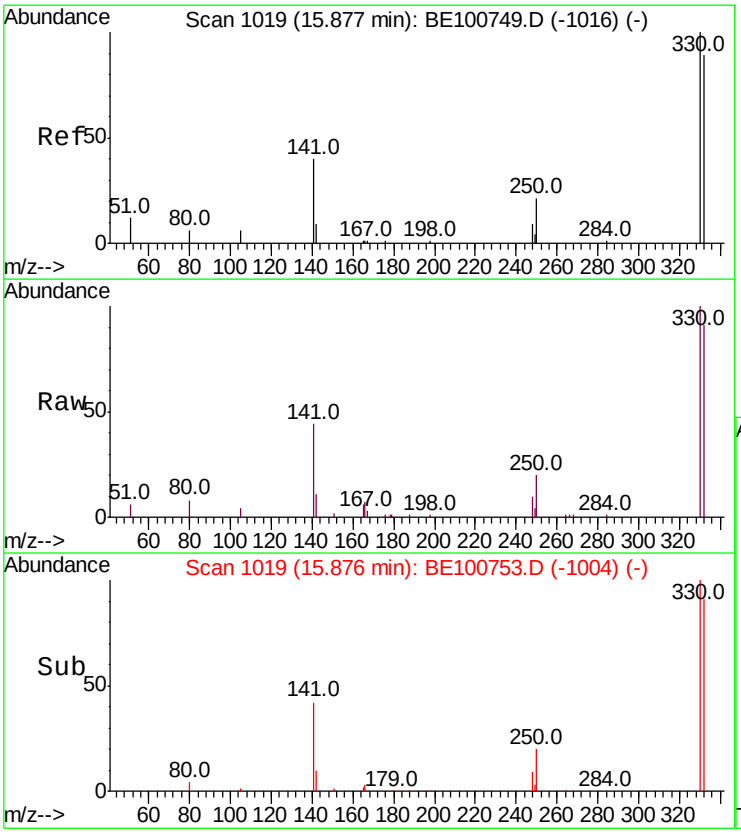
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:164 Resp: 13308

Ion	Ratio	Lower	Upper
164	100		
162	107.6	84.8	127.2
160	52.1	42.3	63.5

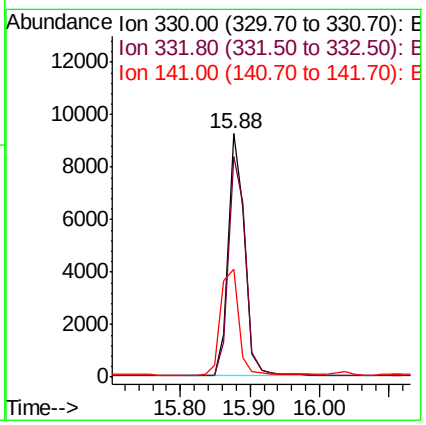


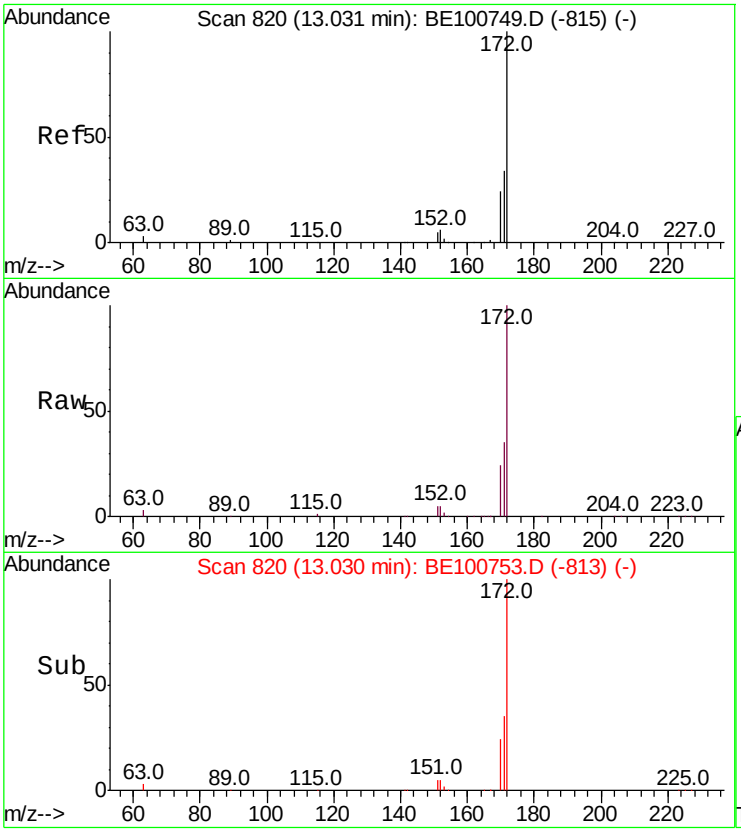


#14
2,4,6-Tribromophenol
Concen: 10.879 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Tgt Ion:330 Resp: 15064

Ion	Ratio	Lower	Upper
330	100		
332	94.9	79.3	118.9
141	47.8	43.8	65.6



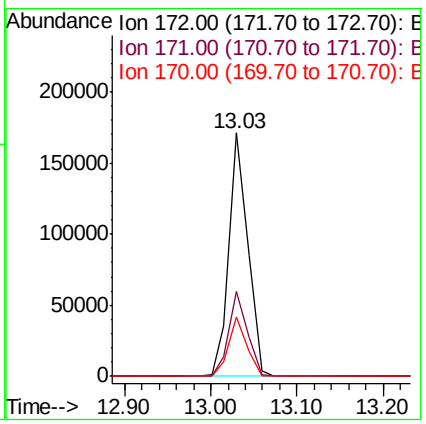


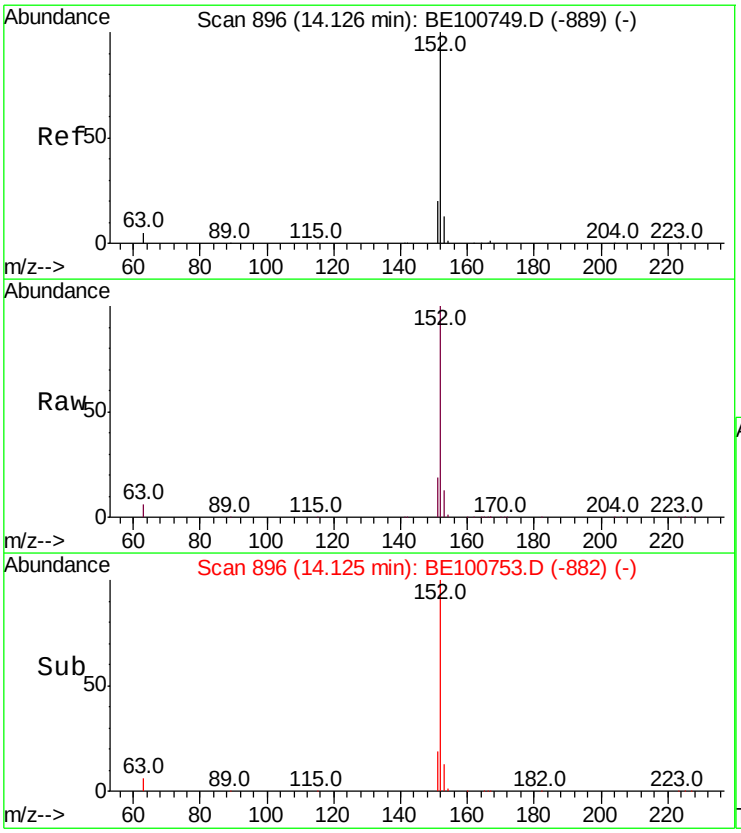
#15
2-Fluorobiphenyl
Concen: 5.261 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:172 Resp: 256793

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.6
170	24.3	19.4	29.2

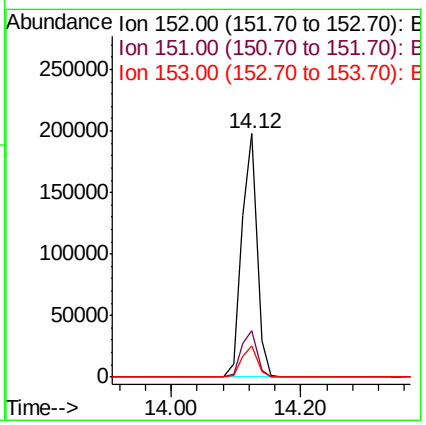


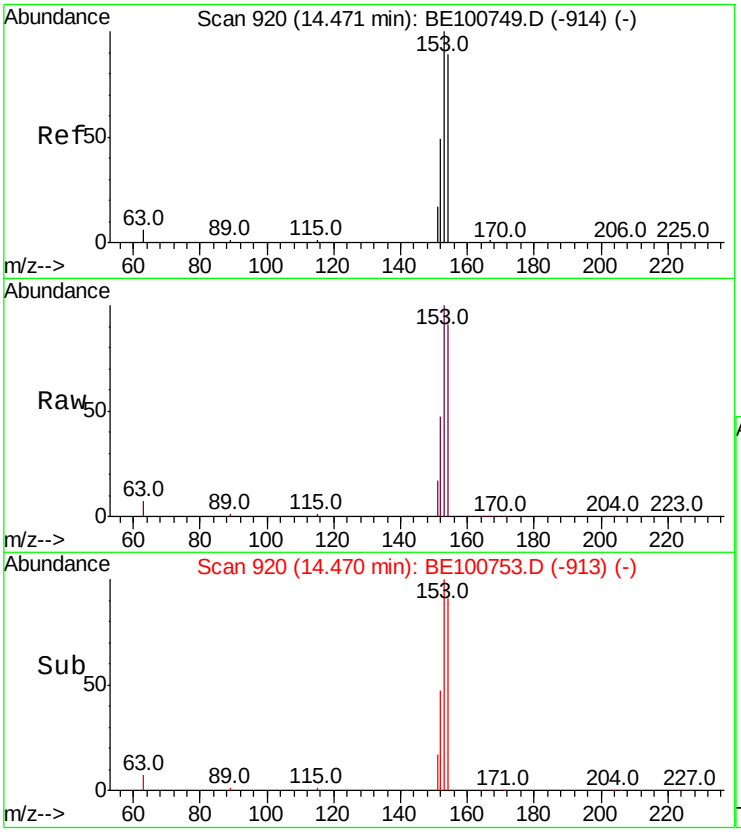


#16
Acenaphthylene
Concen: 5.999 ng
RT: 14.12 min Scan# 896
Delta R.T. -0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Tgt Ion:152 Resp: 322785

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.4
153	13.0	10.6	15.8



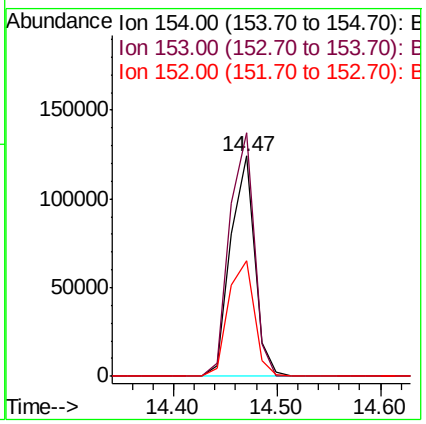


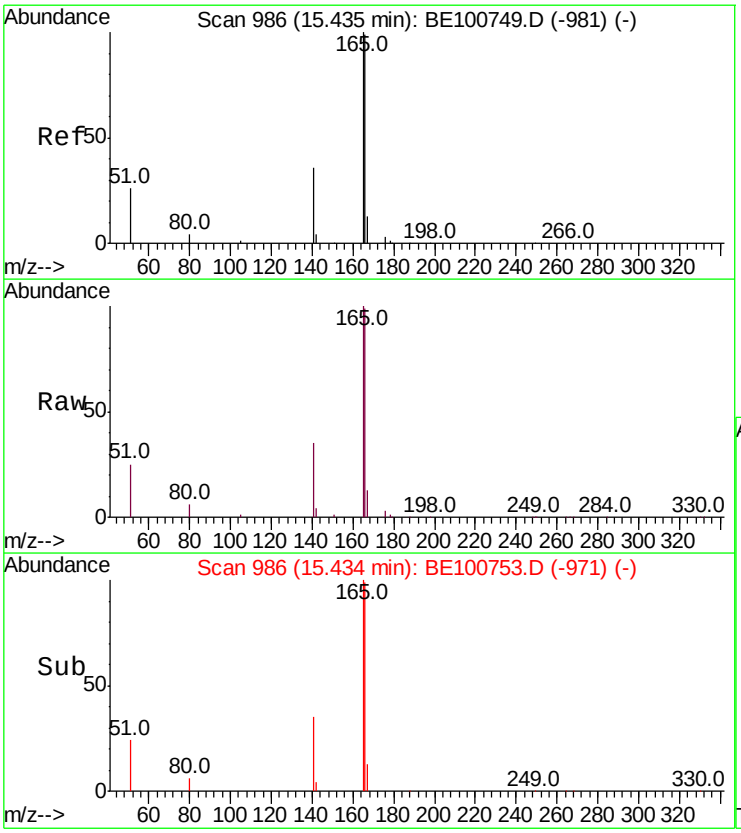
#17
Acenaphthene
Concen: 5.683 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:154 Resp: 200887

Ion	Ratio	Lower	Upper
154	100		
153	112.4	91.6	137.4
152	55.9	47.0	70.6

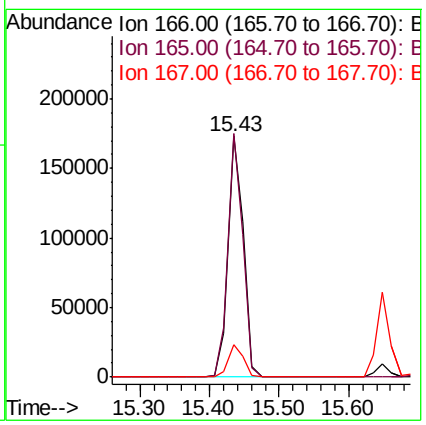


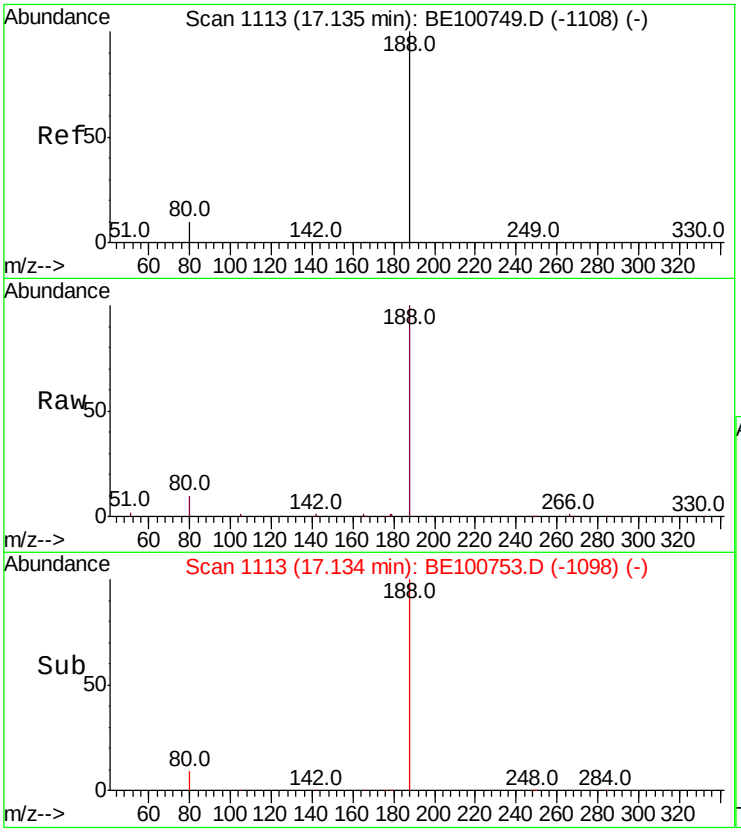


#18
Fluorene
Concen: 5.402 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Tgt Ion:166 Resp: 261209

Ion	Ratio	Lower	Upper
166	100		
165	98.7	80.2	120.4
167	13.5	11.0	16.4



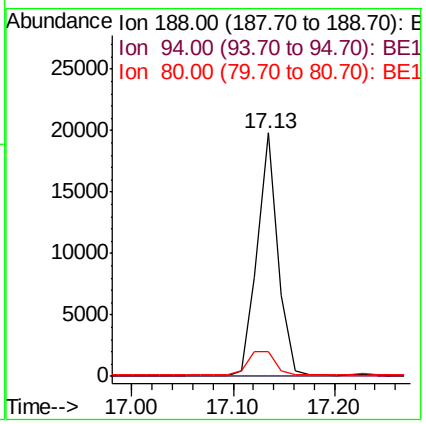


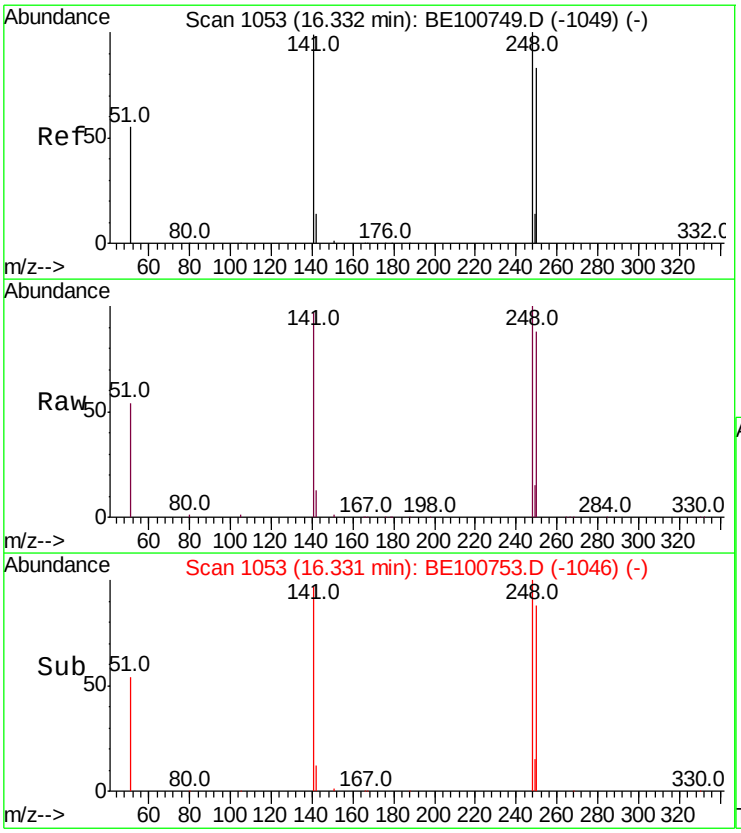
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:188 Resp: 28277

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	8.2	12.2

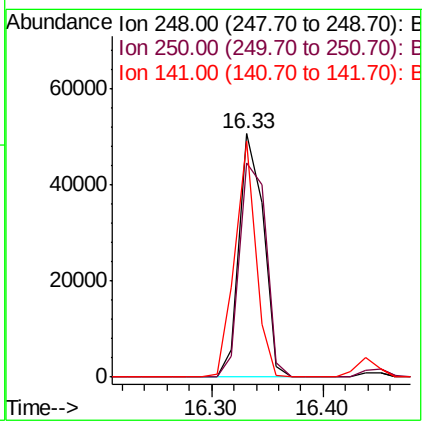


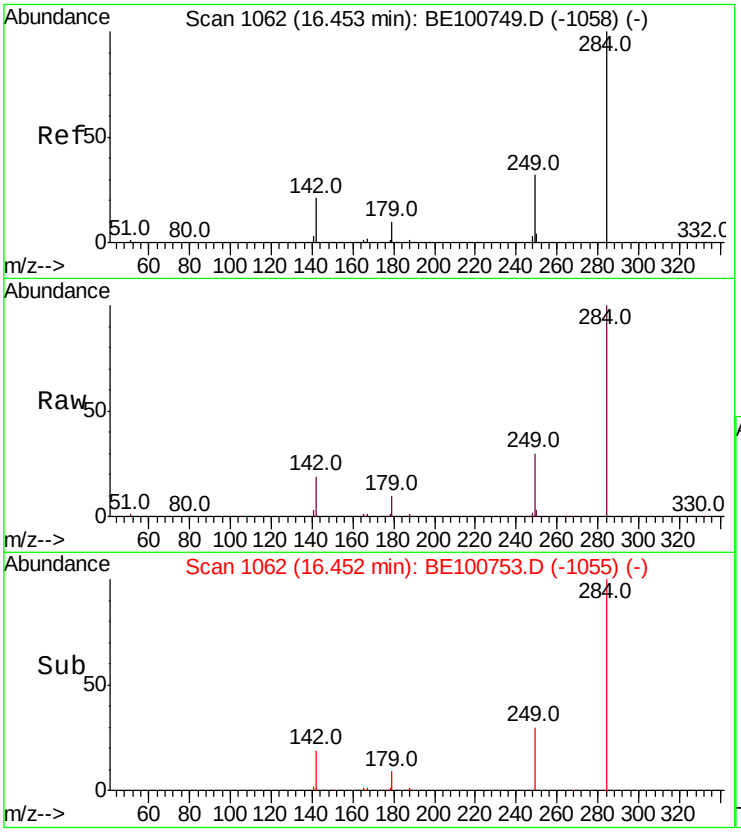


#20
4-Bromophenyl-phenylether
Concen: 5.114 ng
RT: 16.33 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Tgt Ion:248 Resp: 76400

Ion	Ratio	Lower	Upper
248	100		
250	87.8	66.3	99.5
141	97.2	79.6	119.4



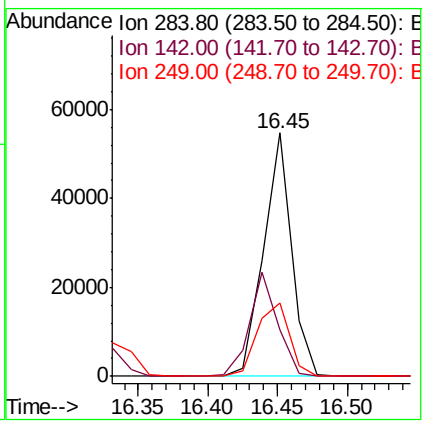


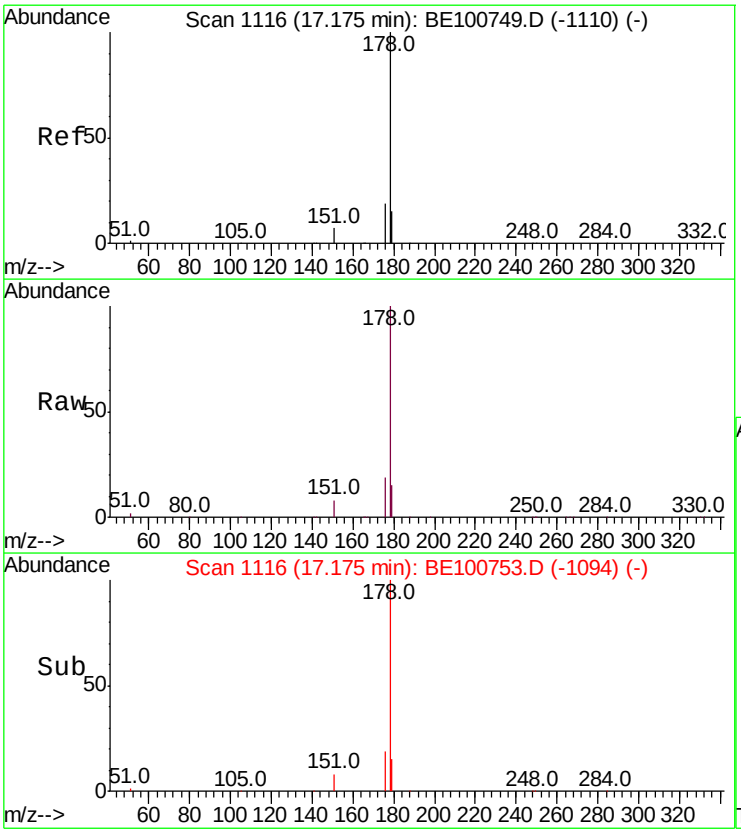
#21
Hexachlorobenzene
Concen: 5.274 ng
RT: 16.45 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:284 Resp: 76556

Ion	Ratio	Lower	Upper
284	100		
142	42.3	34.9	52.3
249	34.6	28.7	43.1

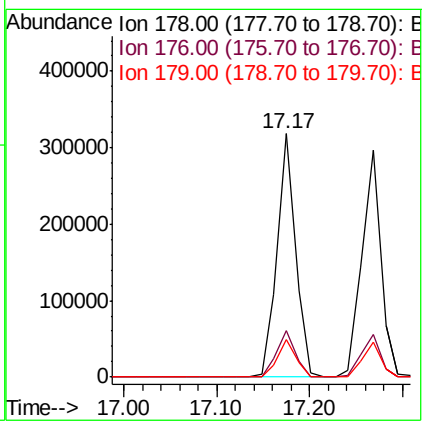


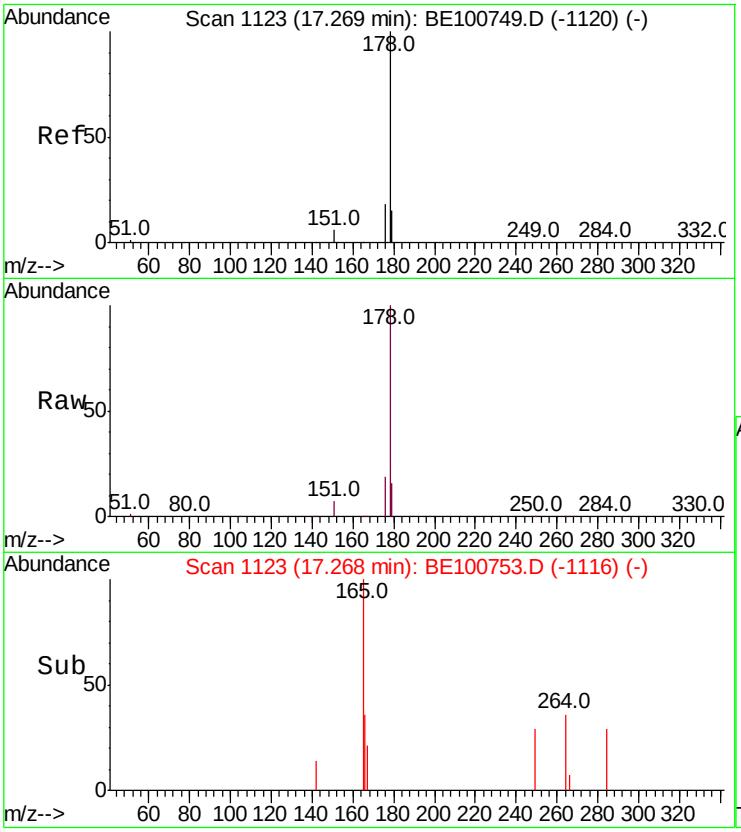


#23
Phenanthrene
Concen: 5.722 ng
RT: 17.17 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Tgt Ion:178 Resp: 441061

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.4	12.5	18.7



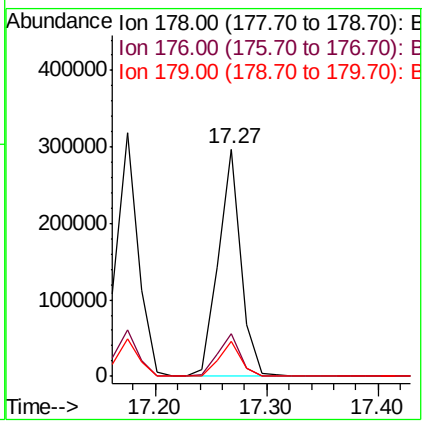


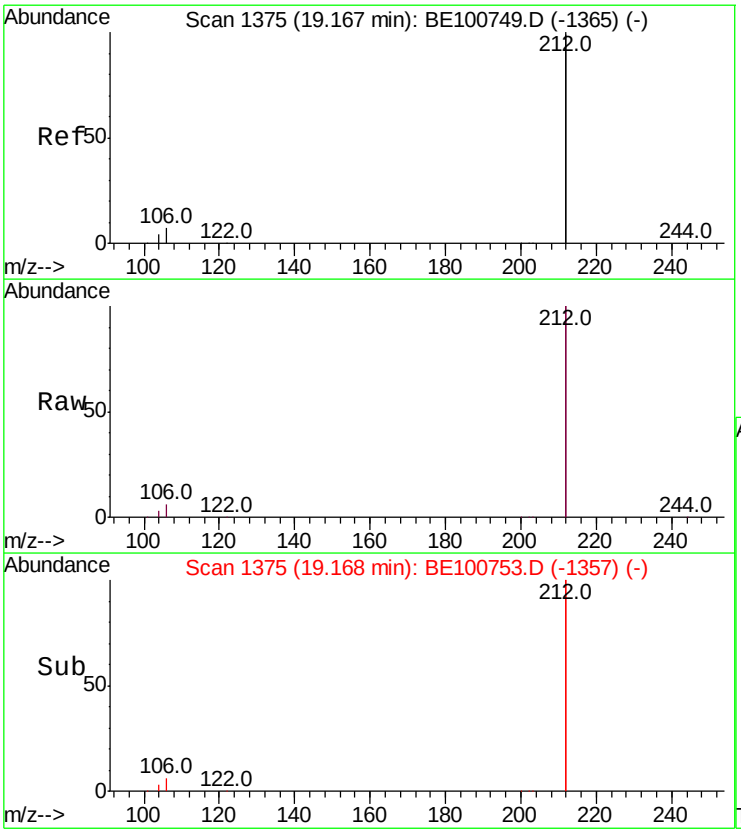
#24
Anthracene
Concen: 6.068 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:178 Resp: 417760

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.4	12.2	18.4

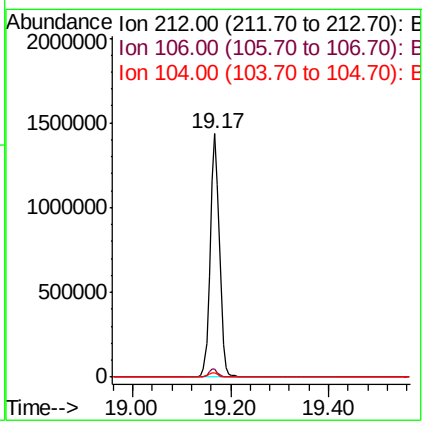


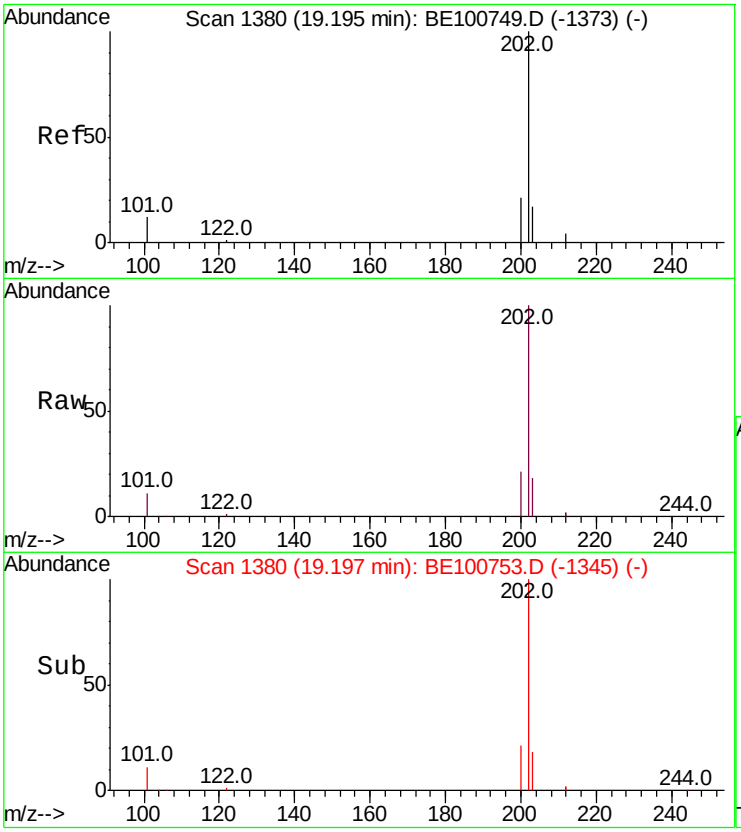


#25
Fluoranthene-d10
Concen: 5.023 ng
RT: 19.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Tgt Ion:212 Resp: 1877517

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



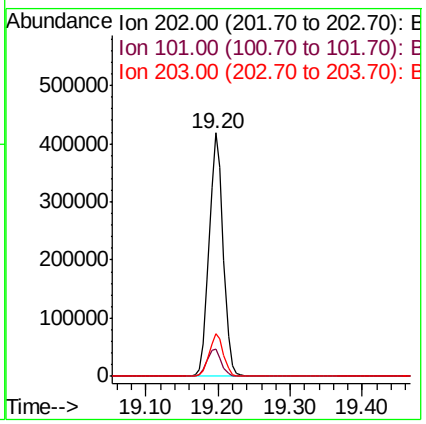


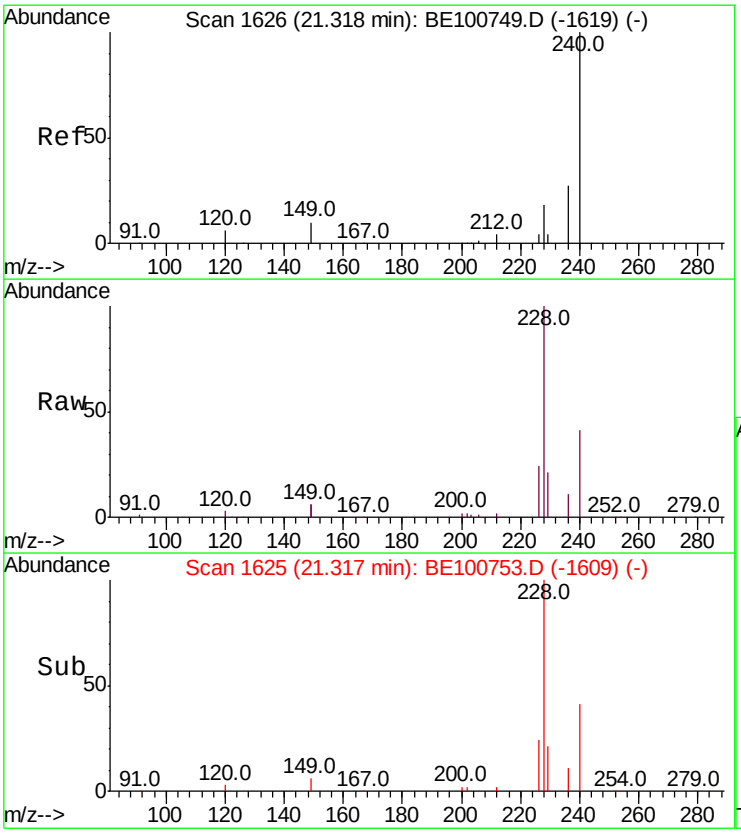
#26
Fluoranthene
Concen: 5.481 ng
RT: 19.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:202 Resp: 564185

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

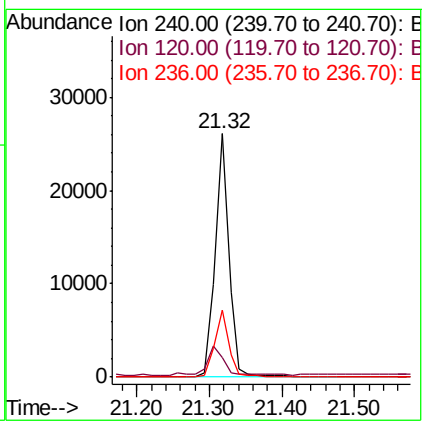


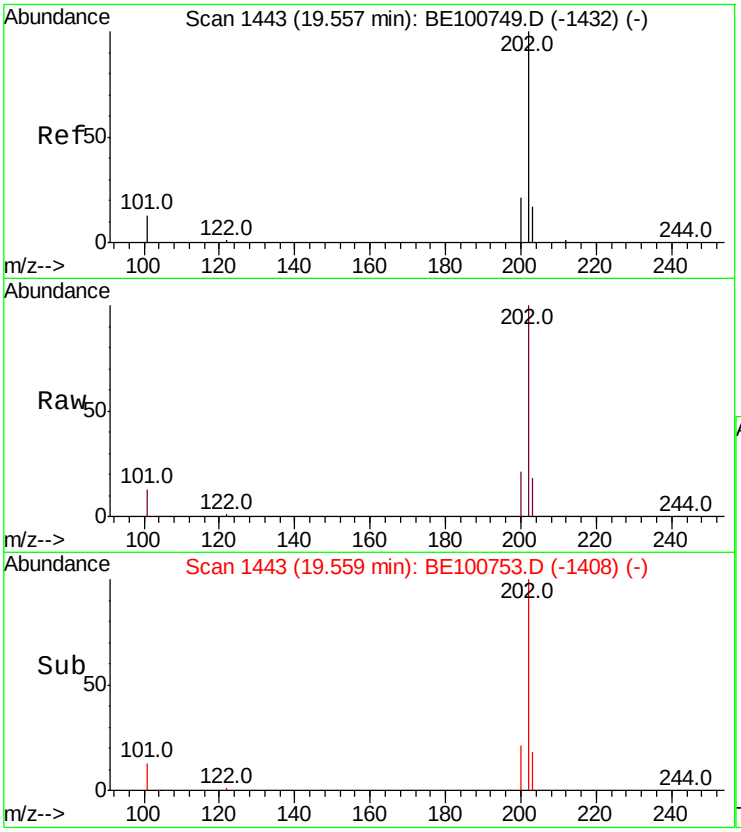


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Tgt Ion:240 Resp: 34255

Ion	Ratio	Lower	Upper
240	100		
120	8.2	5.8	8.8
236	27.7	21.9	32.9



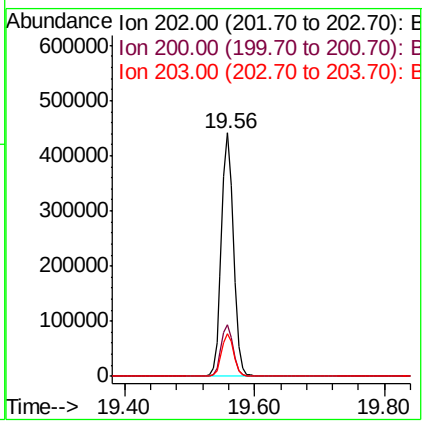


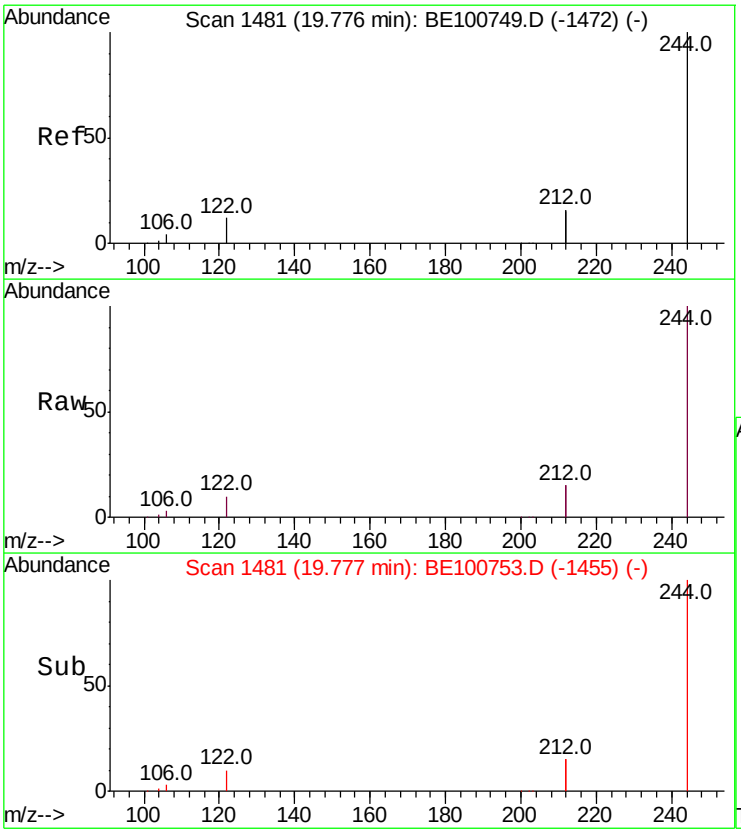
#28
Pyrene
Concen: 6.020 ng
RT: 19.56 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:202 Resp: 573288

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	24.8
203	17.5	14.0	21.0

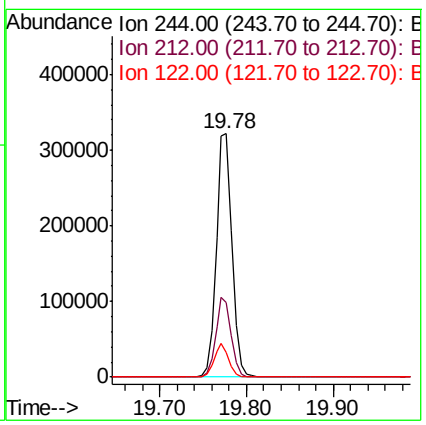


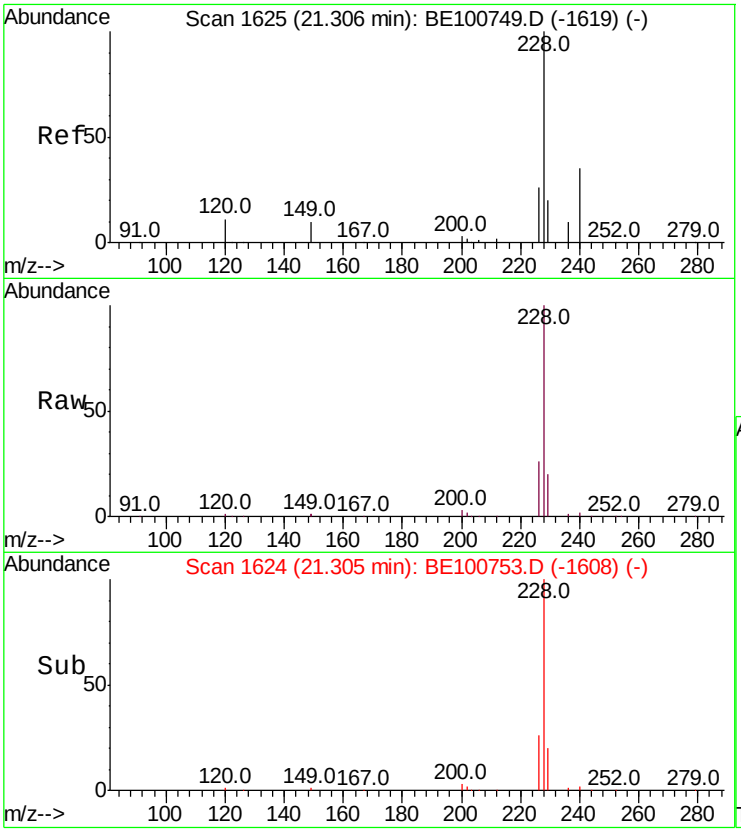


#29
Terphenyl-d14
Concen: 5.020 ng
RT: 19.78 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Tgt Ion:244 Resp: 410085

Ion	Ratio	Lower	Upper
244	100		
212	30.8	25.2	37.8
122	10.3	9.8	14.6



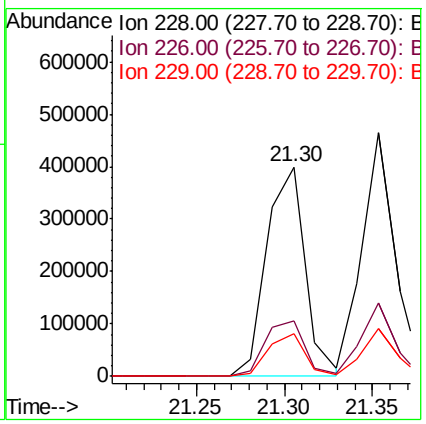


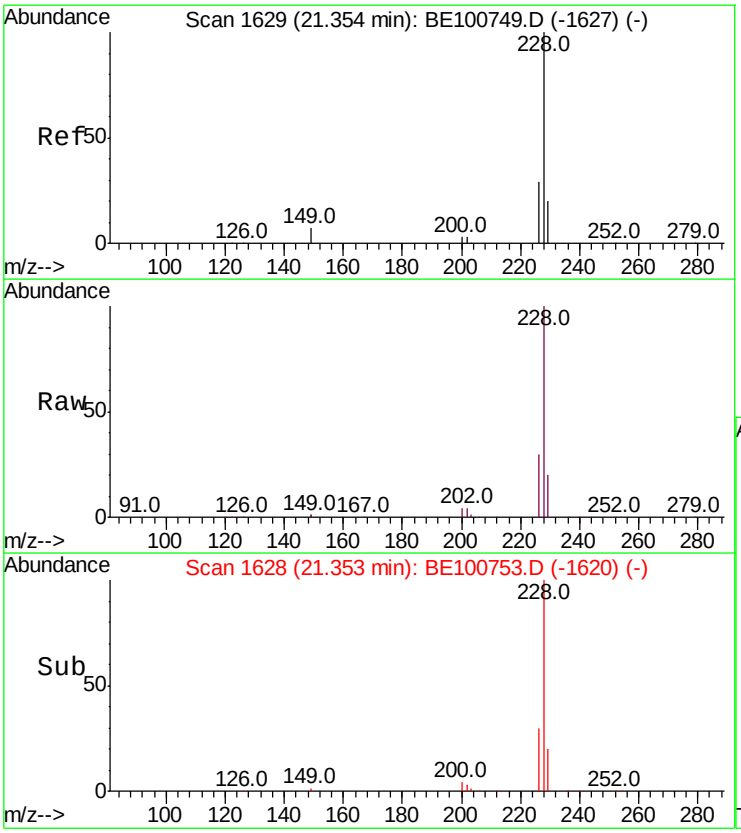
#30
Benzo(a)anthracene
Concen: 5.517 ng
RT: 21.30 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:228 Resp: 606443

Ion	Ratio	Lower	Upper
228	100		
226	26.4	20.7	31.1
229	20.5	16.2	24.2

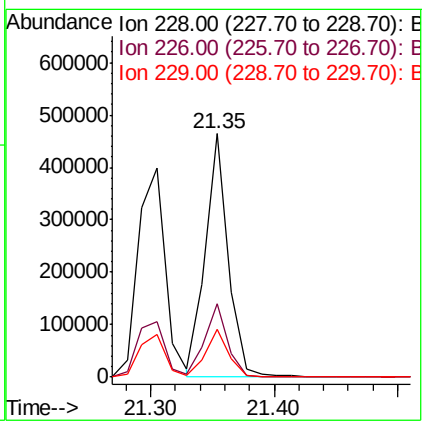


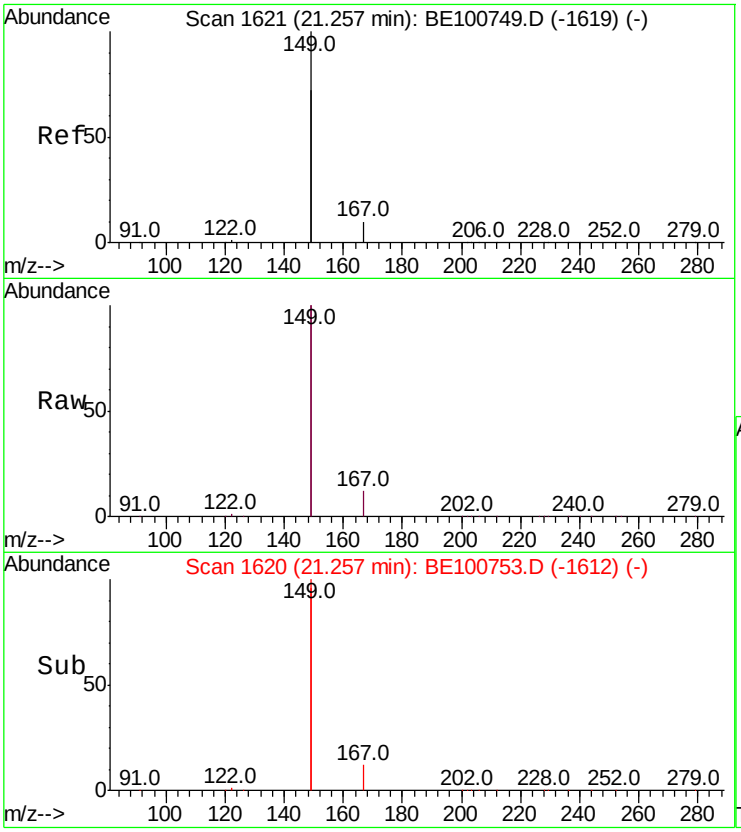


#31
Chrysene
Concen: 5.321 ng
RT: 21.35 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Tgt Ion:228 Resp: 593725

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.6
229	19.8	15.9	23.9



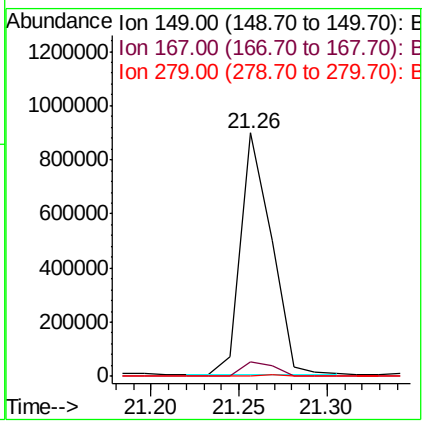


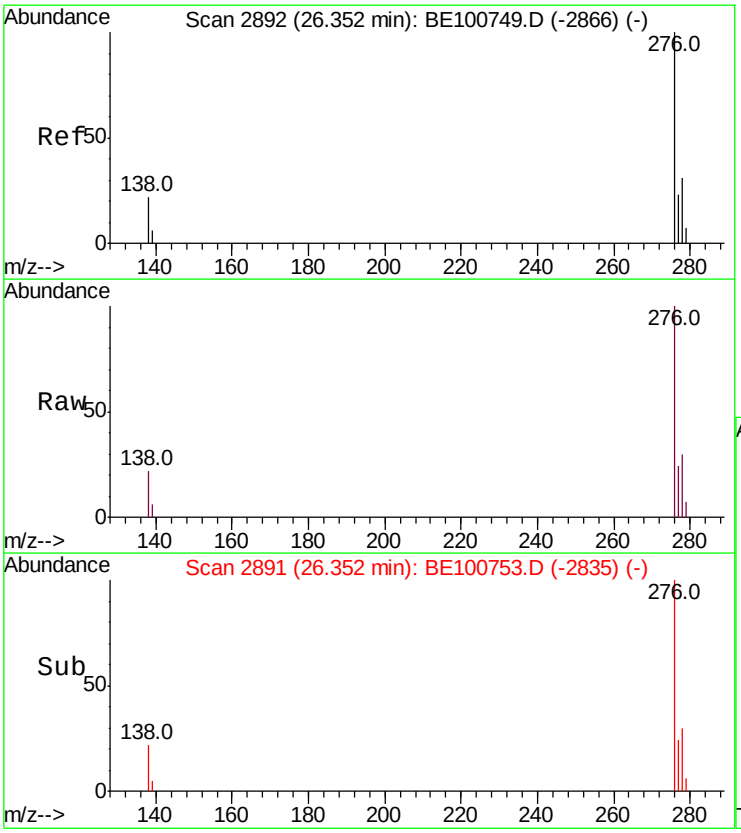
#32
Bis(2-ethylhexyl)phthalate
Concen: 5.562 ng
RT: 21.26 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:149 Resp: 1085326

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.5	8.3
279	0.8	0.7	1.1

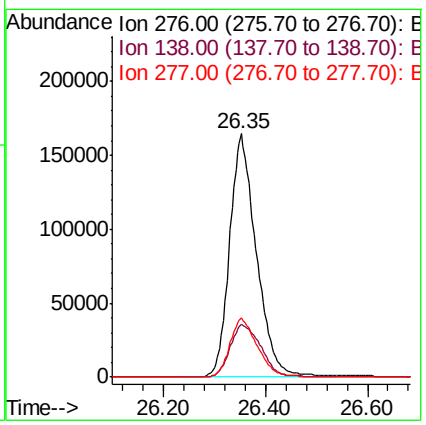


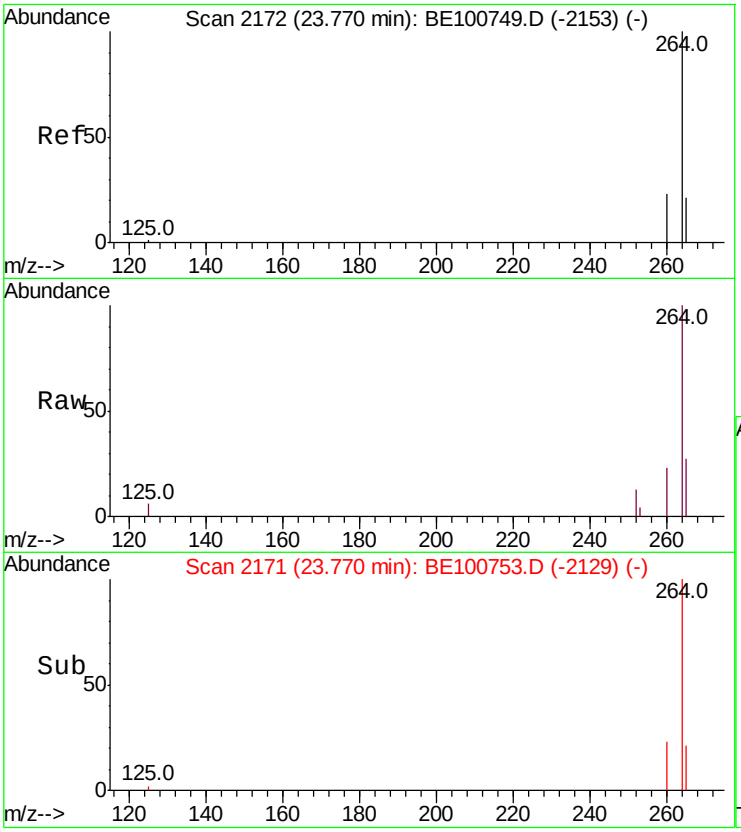


#33
Indeno(1,2,3-cd)pyrene
Concen: 4.576 ng
RT: 26.35 min Scan# 2891
Delta R.T. 0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Tgt Ion:276 Resp: 598583

Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.8	29.6
277	24.9	19.7	29.5



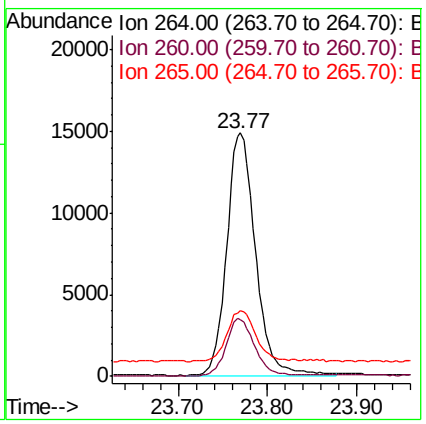


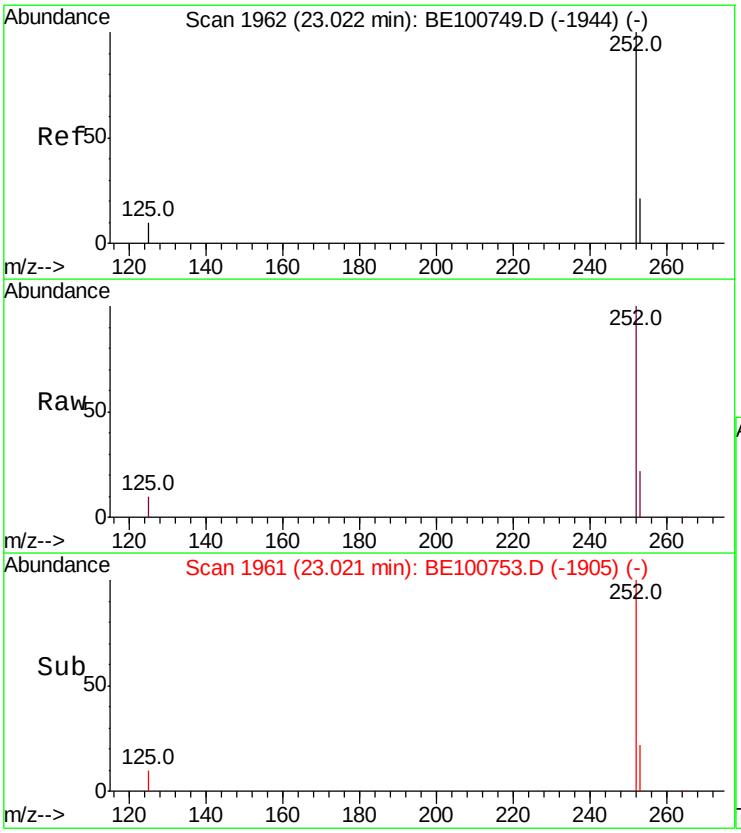
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.77 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:264 Resp: 33423

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	27.1	22.4	33.6

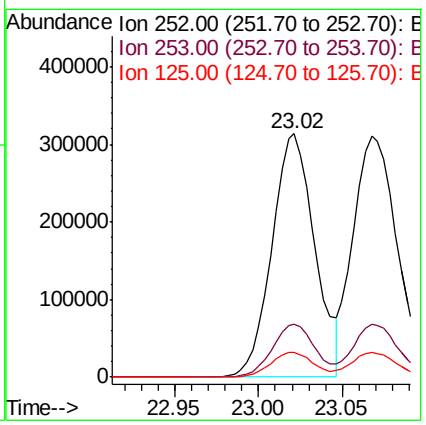


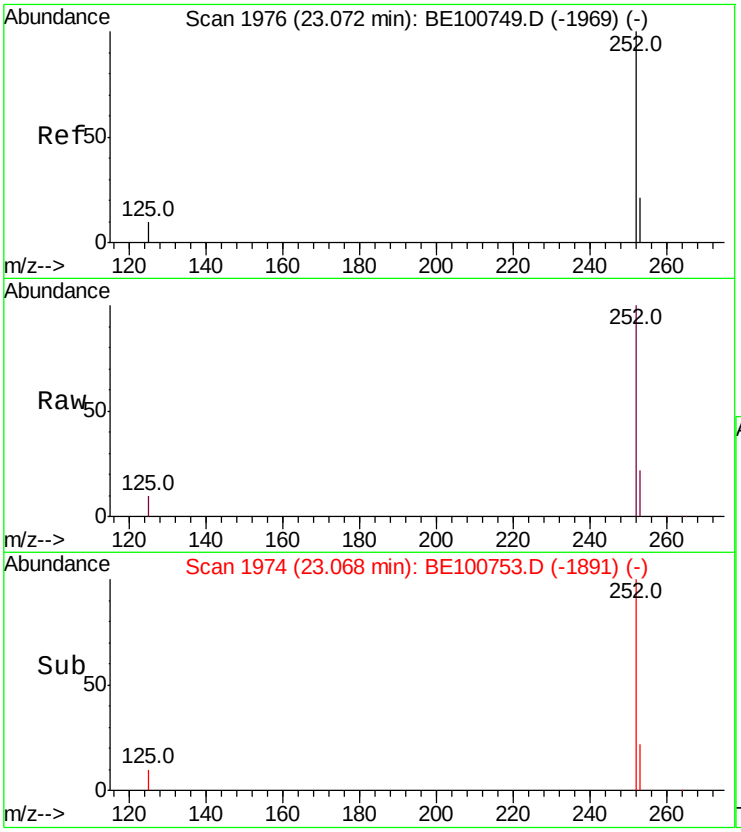


#35
Benzo(b)fluoranthene
Concen: 5.738 ng
RT: 23.02 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Tgt Ion:252 Resp: 559653

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.2	9.1	13.7



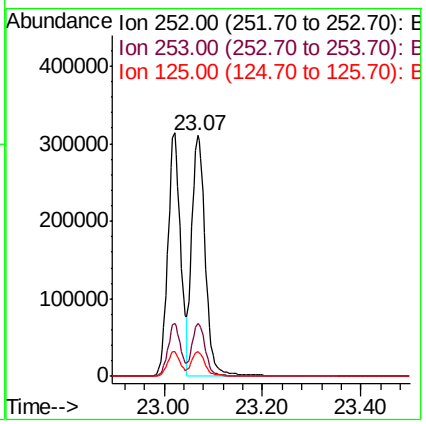


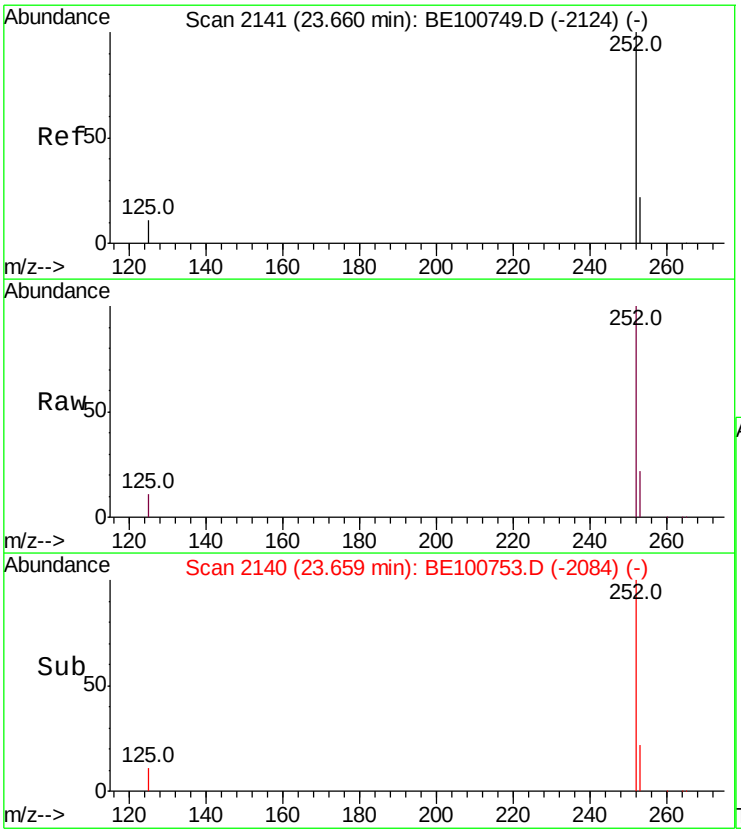
#36
Benzo(k)fluoranthene
Concen: 5.788 ng
RT: 23.07 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 591532

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	10.4	9.0	13.4

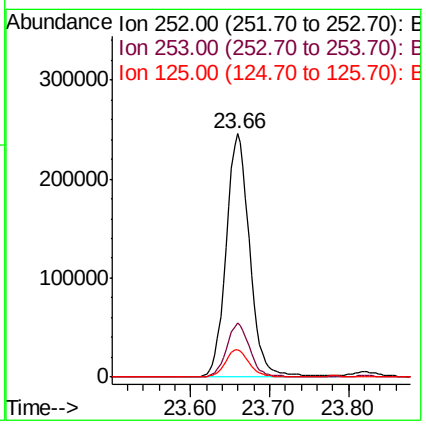


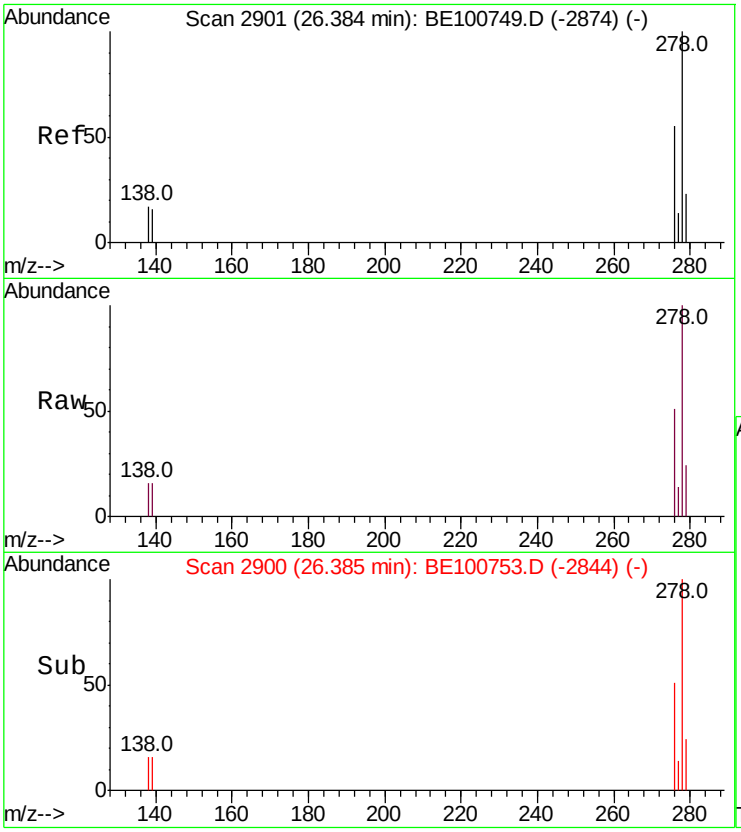


#37
Benzo(a)pyrene
Concen: 5.579 ng
RT: 23.66 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Tgt Ion:252 Resp: 507090

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.3	27.5
125	11.3	10.5	15.7



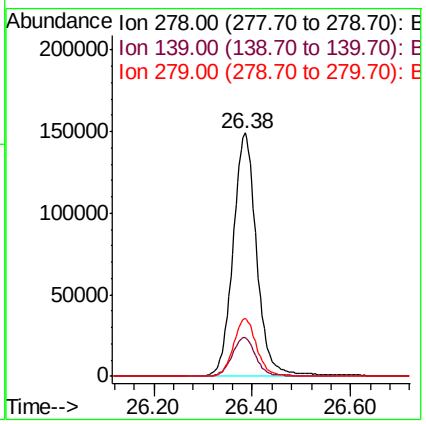


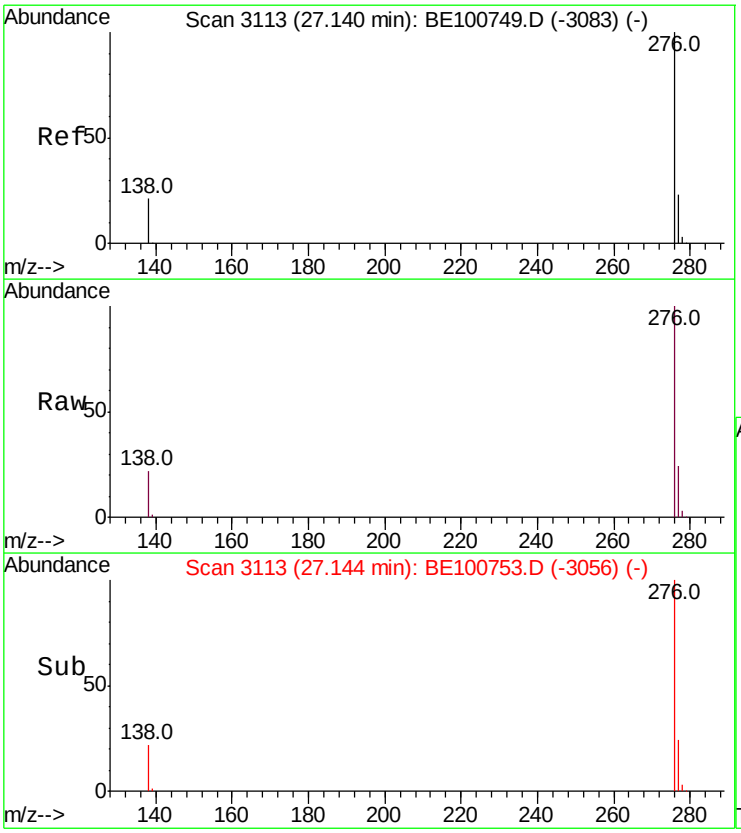
#38
Dibenzo(a,h)anthracene
Concen: 5.243 ng
RT: 26.38 min Scan# 2900
Delta R.T. 0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:278 Resp: 496899

Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.2	19.8
279	23.6	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 5.236 ng
RT: 27.14 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BE100753.D
Acq: 21 Nov 2019 20:20

Tgt Ion:276 Resp: 486779

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	21.6	17.8	26.8