Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112119\
Data File : BE100751.D
Acq On : 21 Nov 2019 19:06
Operator : JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC1.6

Quant Time: Nov 22 01:48:10 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	5200	0.40	ng		0.00
7) Naphthalene-d8	10.55	136	22563	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	12241	0.40	ng		0.00
19) Phenanthrene-d10	17.14	188	26796	0.40	ng		0.00
27) Chrysene-d12	21.32	240	34146	0.40	ng		0.00
34) Perylene-d12	23.77	264	33453	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	22719	1.50	ng		0.00
5) Phenol-d6	6.93	99	33043	1.54	ng		0.00
8) Nitrobenzene-d5	8.90	82	11736	0.61	ng		0.00
11) 2-Methylnaphthalene-d10	12.14	152	54639	1.52	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	3013	2.37	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	78155	1.74	ng		0.00
25) Fluoranthene-d10	19.17	212	554303	1.56	ng		0.00
29) Terphenyl-d14	19.78	244	124722	1.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	14581	1.609	ng		97
3) n-Nitrosodimethylamine	3.65	42	12227	1.358	ng	#	88
6) bis(2-Chloroethyl)ether	7.19	93	27865	1.485	ng		100
9) Naphthalene	10.59	128	393609	1.683	ng		100
10) Hexachlorobutadiene	10.90	225	14926	1.382	ng		100
12) 2-Methylnaphthalene	12.22	142	62736	1.573	ng		99
16) Acenaphthylene	14.13	152	86554	1.749	ng		99
17) Acenaphthene	14.47	154	58825	1.809	ng		99
18) Fluorene	15.43	166	75674	1.701	ng		99
20) 4-Bromophenyl-phenylether	16.33	248	21976	1.552	ng		95
21) Hexachlorobenzene	16.45	284	22943	1.668	ng		99
23) Phenanthrene	17.18	178	132898	1.819	ng		99
24) Anthracene	17.27	178	117956	1.808	ng		100
26) Fluoranthene	19.20	202	170696	1.750	ng		100
28) Pyrene	19.56	202	169610	1.787	ng		99
30) Benzo(a)anthracene	21.31	228	187749	1.714	ng		100
31) Chrysene	21.35	228	190810	1.715	ng		100
32) Bis(2-ethylhexyl)phthalate	21.26	149	252804	1.300	ng		99
33) Indeno(1,2,3-cd)pyrene	26.35	276	180595	1.385	ng		99
35) Benzo(b)fluoranthene	23.02	252	172583	1.768	ng		99
36) Benzo(k)fluoranthene	23.07	252	182156	1.781	ng		99
37) Benzo(a)pyrene	23.66	252	152096	1.672	ng		98
38) Dibenzo(a,h)anthracene	26.38	278	150317	1.585	ng		99
39) Benzo(g,h,i)perylene	27.14	276	151117	1.624	ng		99

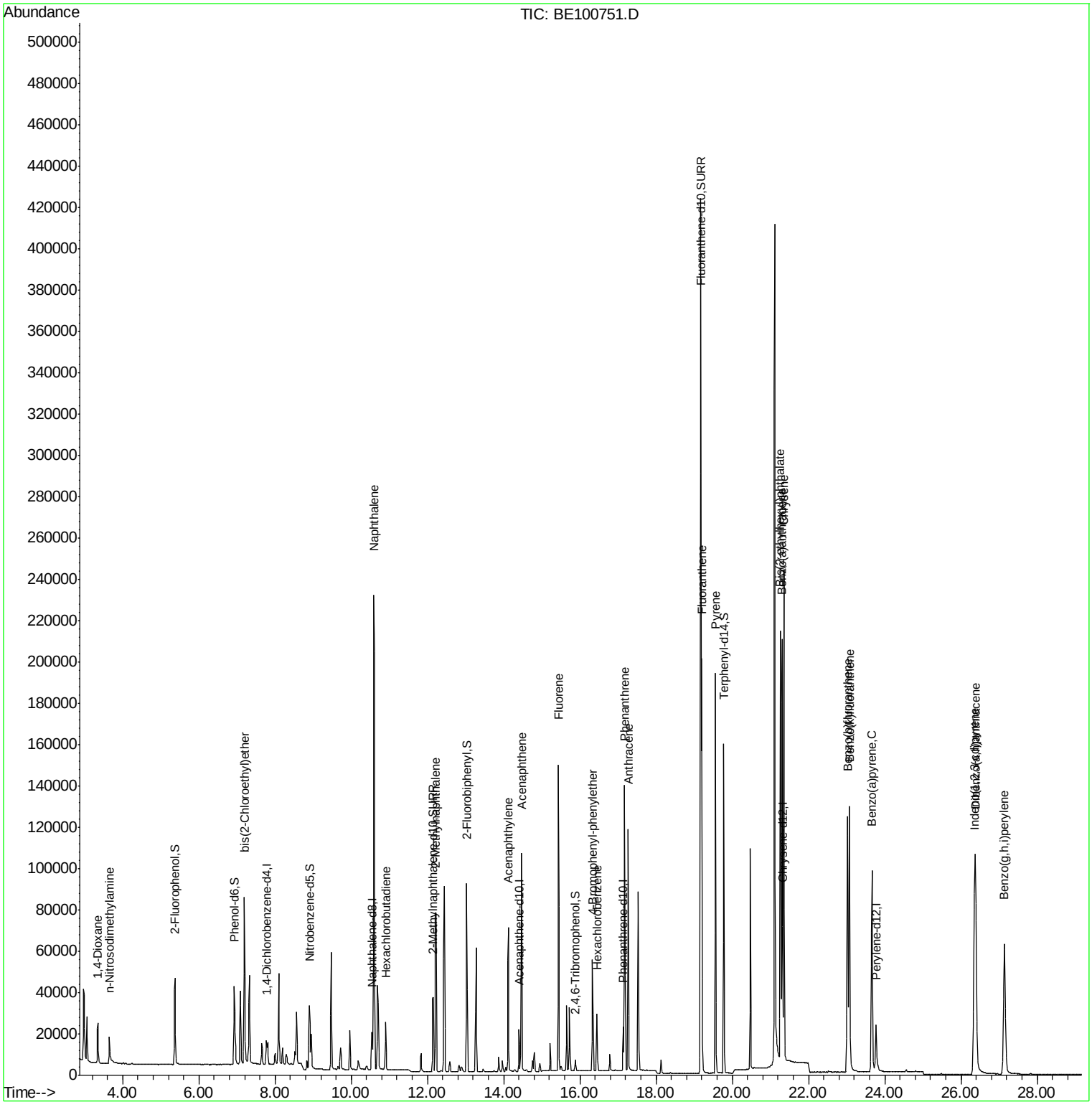
(#) = qualifier out of range (m) = manual integration (+) = signals summed

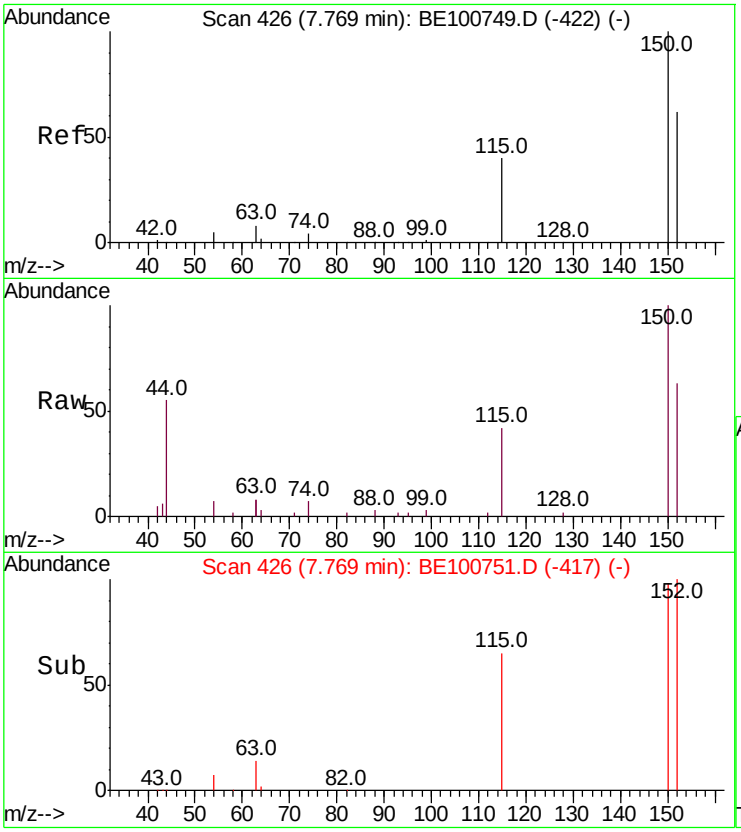
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112119\
Data File : BE100751.D
Acq On : 21 Nov 2019 19:06
Operator : JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Quant Time: Nov 22 01:48:10 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



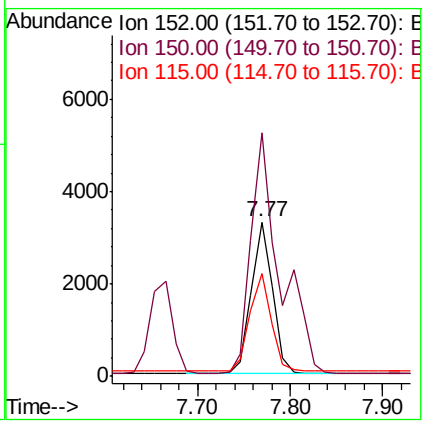


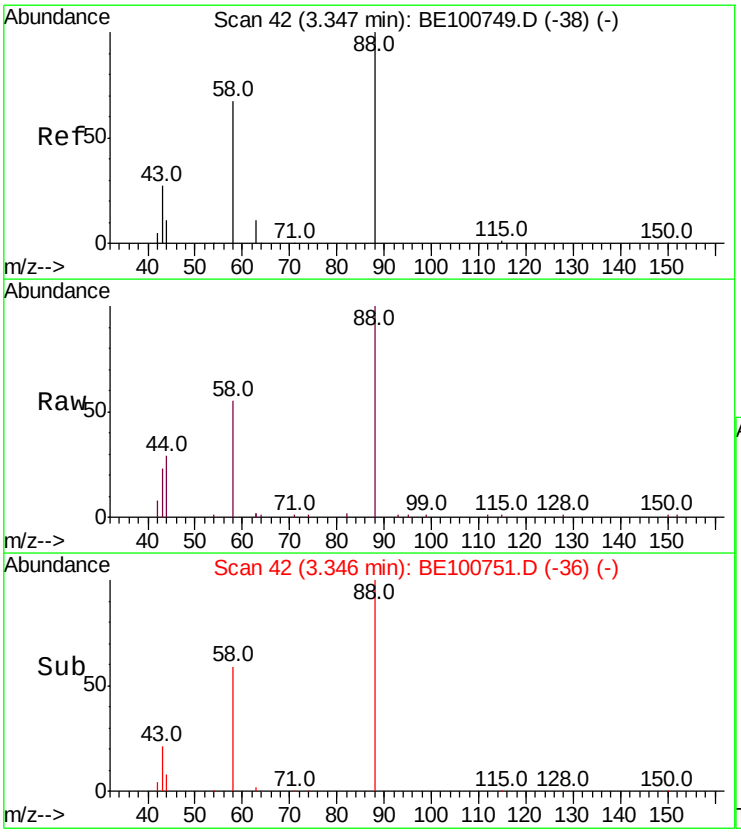
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. -0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 5200

Ion	Ratio	Lower	Upper
152	100		
150	157.7	127.1	190.7
115	66.7	53.0	79.4

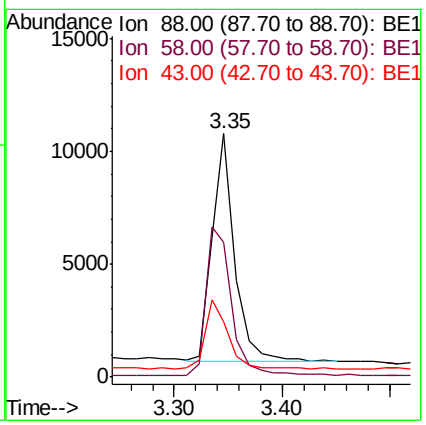


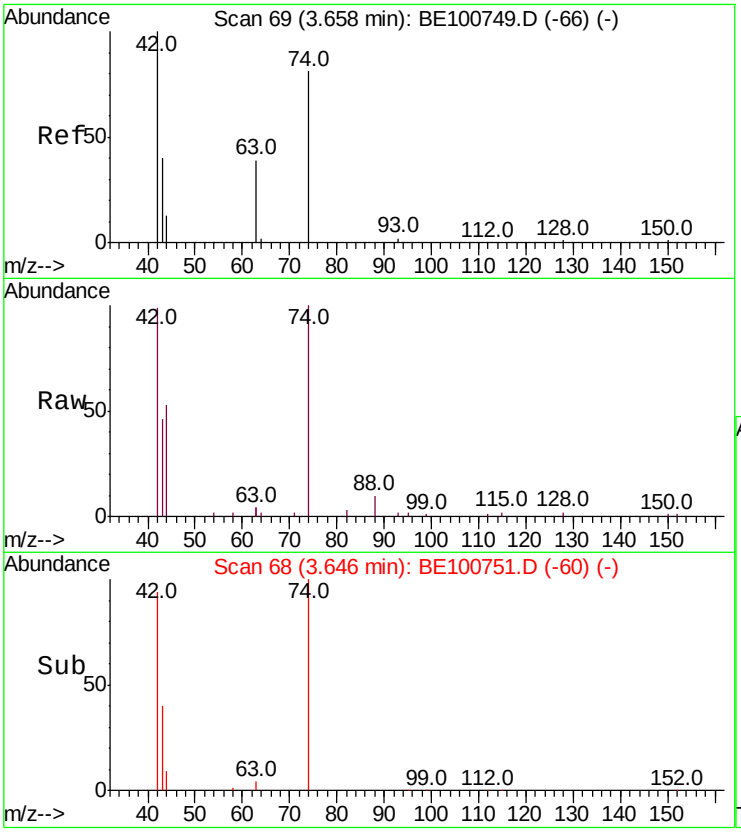


#2
1,4-Dioxane
Concen: 1.609 ng
RT: 3.35 min Scan# 42
Delta R.T. -0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Tgt Ion: 88 Resp: 14581

Ion	Ratio	Lower	Upper
88	100		
58	73.9	60.7	91.1
43	31.2	27.4	41.2



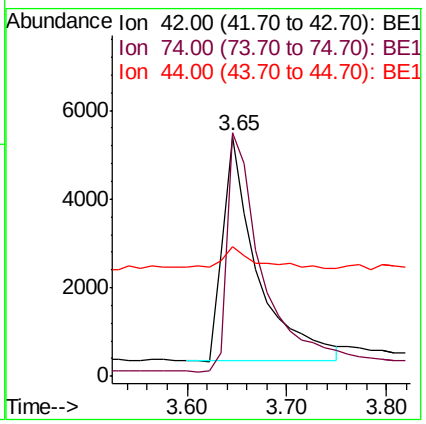


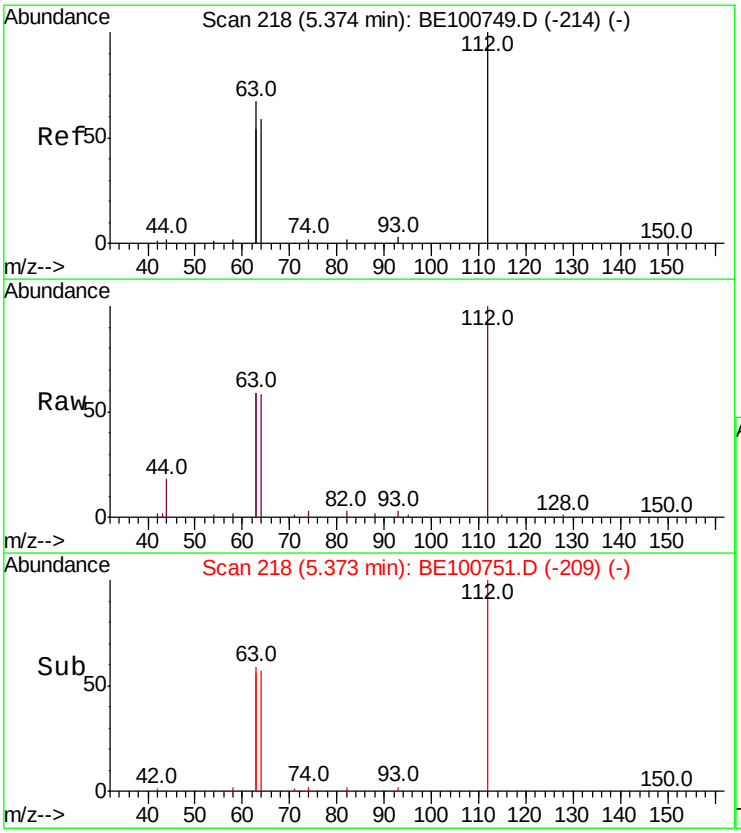
#3
n-Nitrosodimethylamine
Concen: 1.358 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.01 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 12227

Ion	Ratio	Lower	Upper
42	100		
74	112.9	0.0	0.0#
44	9.2	4.2	6.4#

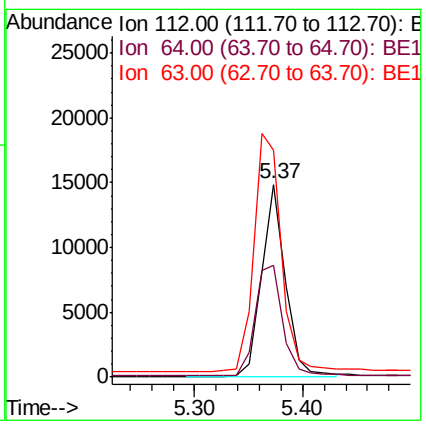


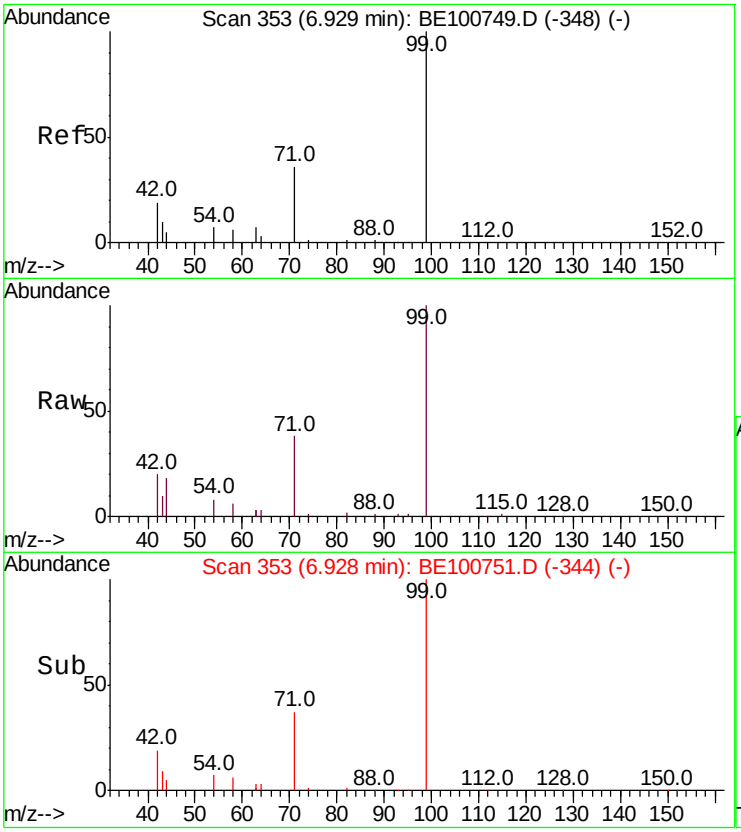


#4
2-Fluorophenol
Concen: 1.496 ng
RT: 5.37 min Scan# 218
Delta R.T. -0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Tgt Ion:112 Resp: 22719

Ion	Ratio	Lower	Upper
112	100		
64	66.7	54.3	81.5
63	143.3	114.0	171.0



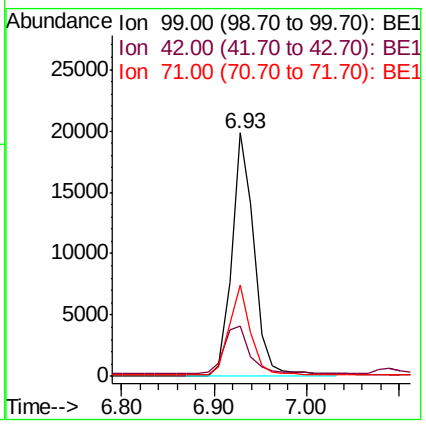


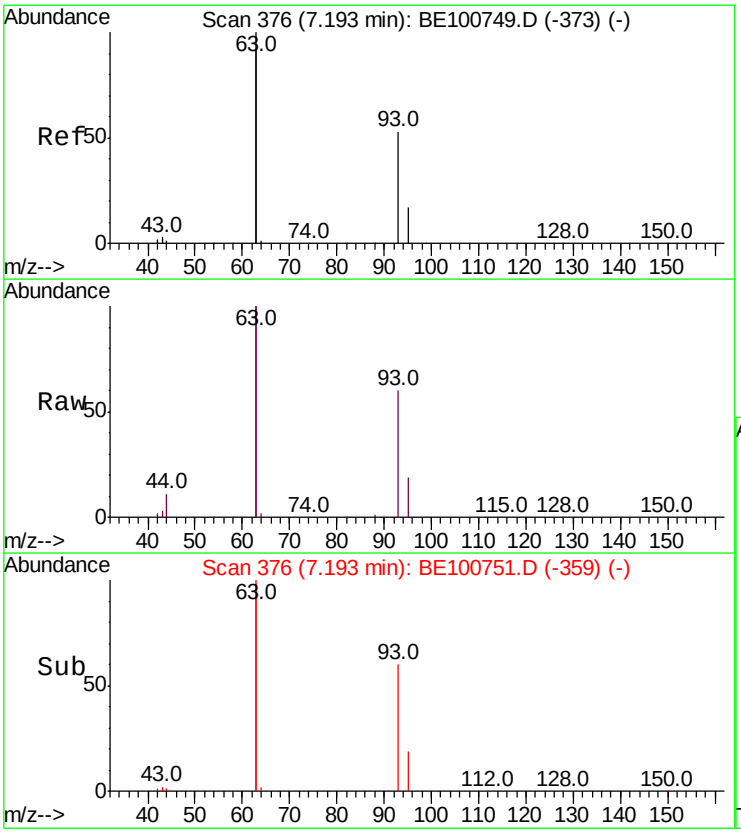
#5
Phenol-d6
Concen: 1.538 ng
RT: 6.93 min Scan# 353
Delta R.T. -0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 33043

Ion	Ratio	Lower	Upper
99	100		
42	22.5	17.9	26.9
71	36.0	29.3	43.9

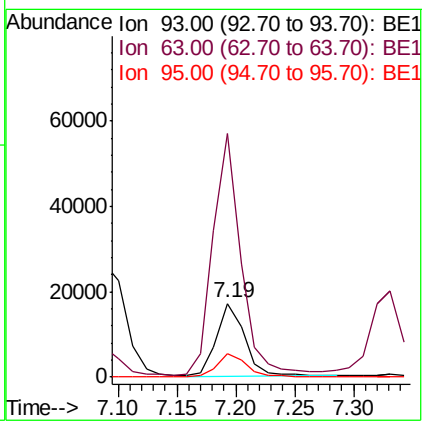


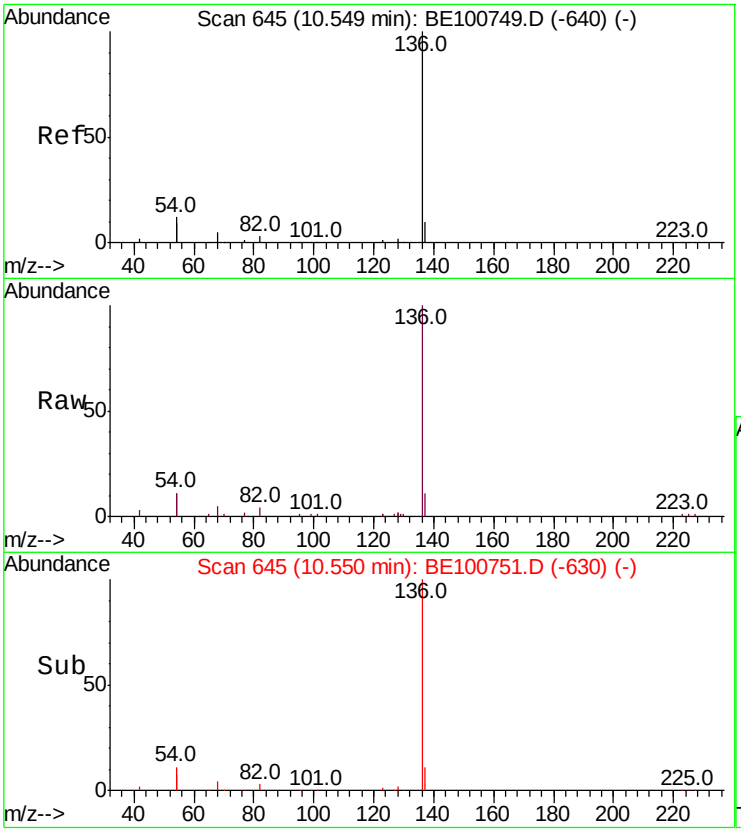


#6
bis(2-Chloroethyl)ether
Concen: 1.485 ng
RT: 7.19 min Scan# 376
Delta R.T. -0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Tgt Ion: 93 Resp: 27865

Ion	Ratio	Lower	Upper
93	100		
63	333.7	267.0	400.6
95	32.9	26.2	39.4



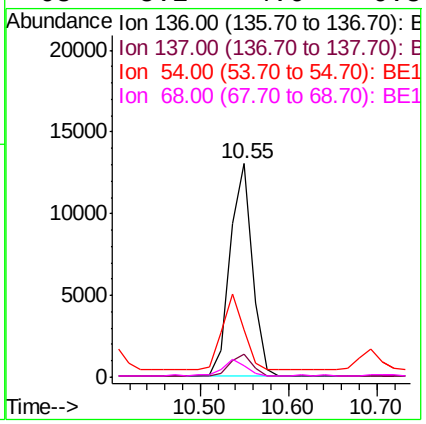


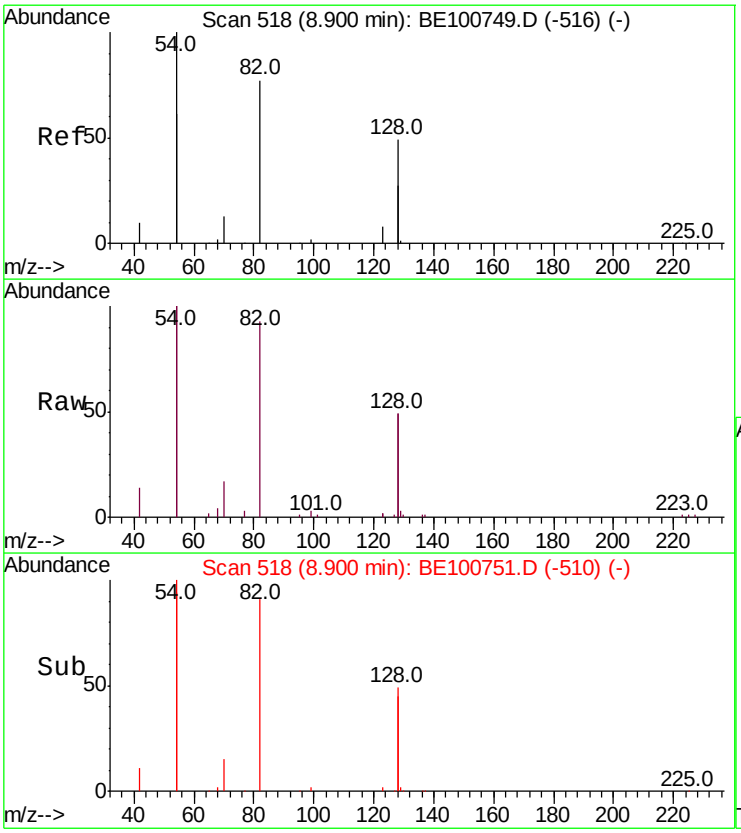
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.55 min Scan# 645
Delta R.T. 0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 22563

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	22.0	19.4	29.0
68	5.2	4.6	6.8

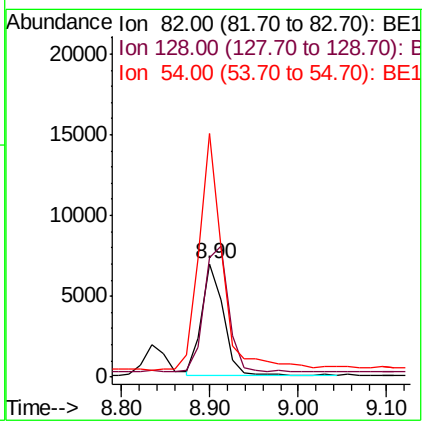


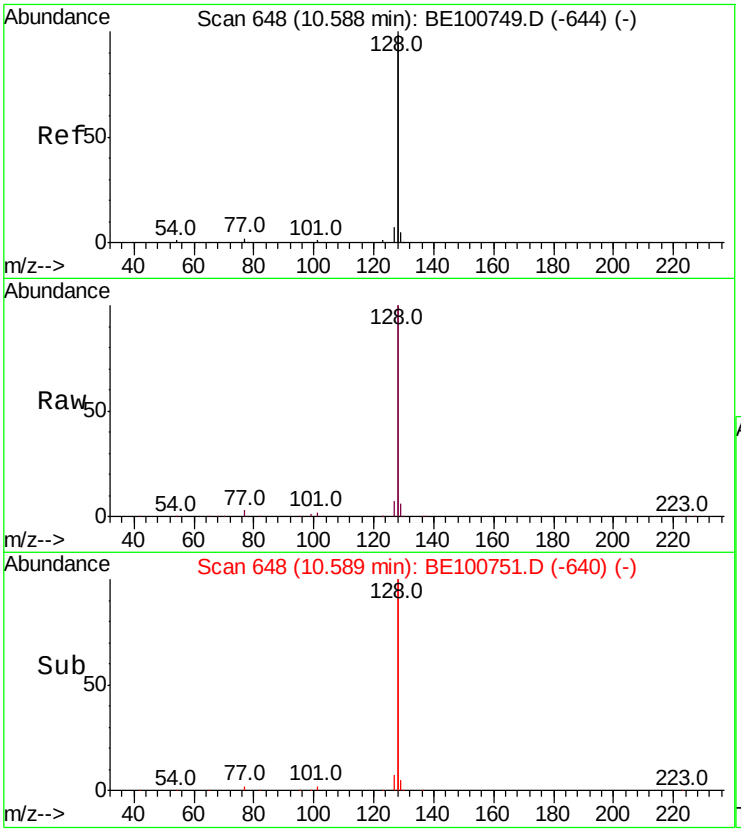


#8
Nitrobenzene-d5
Concen: 0.612 ng
RT: 8.90 min Scan# 518
Delta R.T. 0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Tgt Ion: 82 Resp: 11736

Ion	Ratio	Lower	Upper
82	100		
128	106.0	90.2	135.4
54	215.1	186.0	279.0



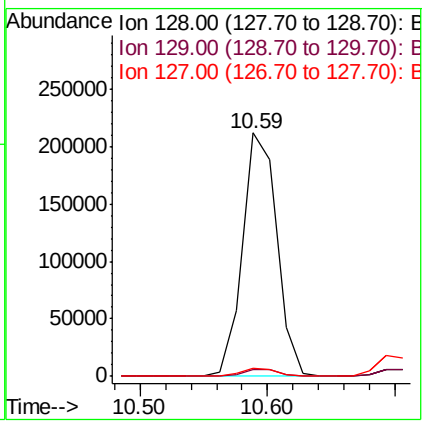


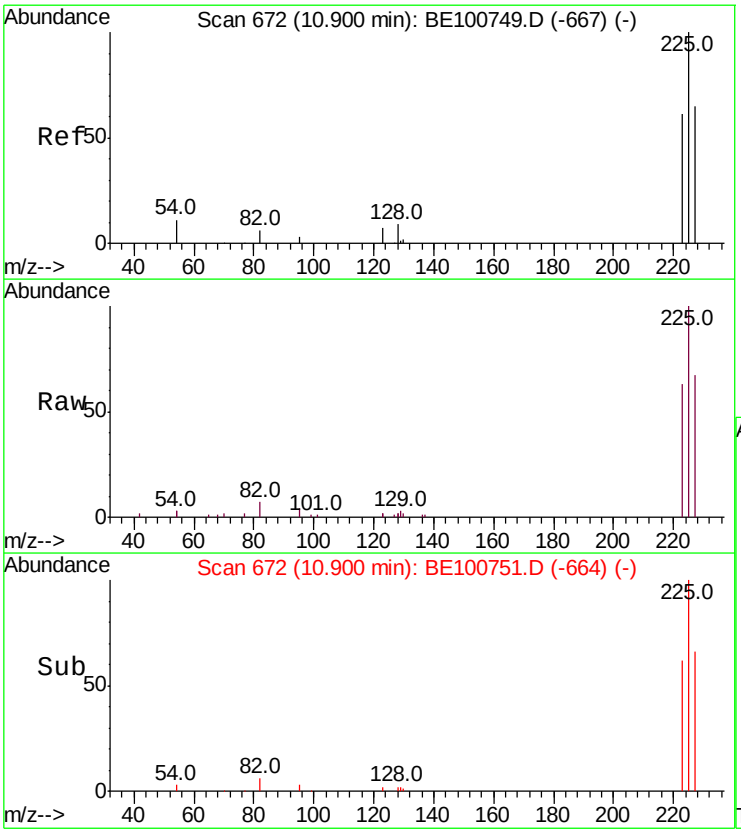
#9
Naphthalene
Concen: 1.683 ng
RT: 10.59 min Scan# 648
Delta R.T. 0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 393609

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.3	3.5
127	3.4	2.7	4.1

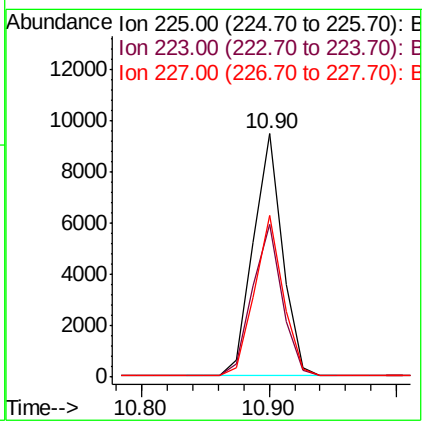


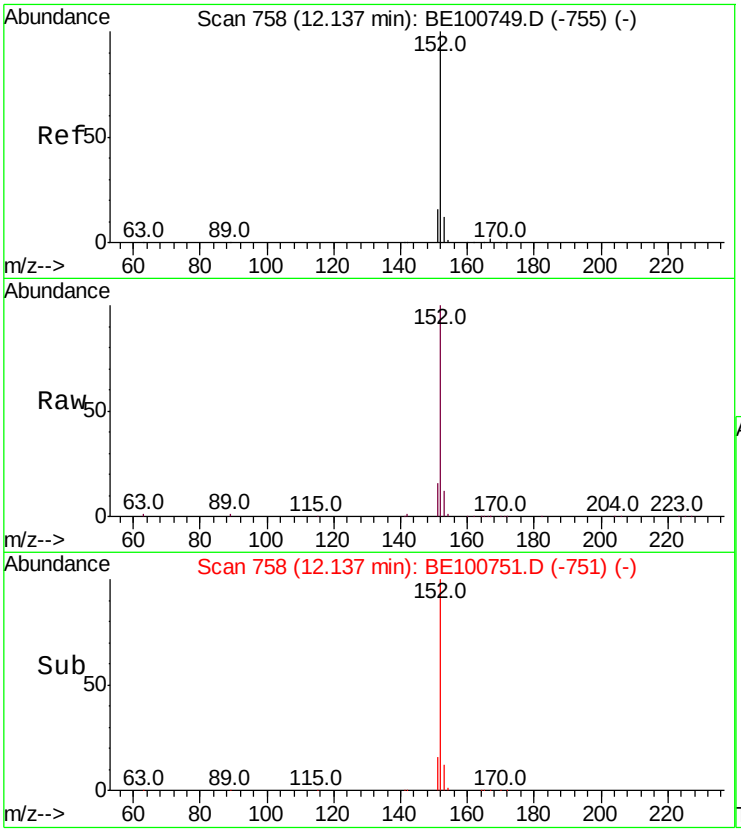


#10
Hexachlorobutadiene
Concen: 1.382 ng
RT: 10.90 min Scan# 672
Delta R.T. 0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Tgt Ion:225 Resp: 14926

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	75.8
227	65.3	52.0	78.0



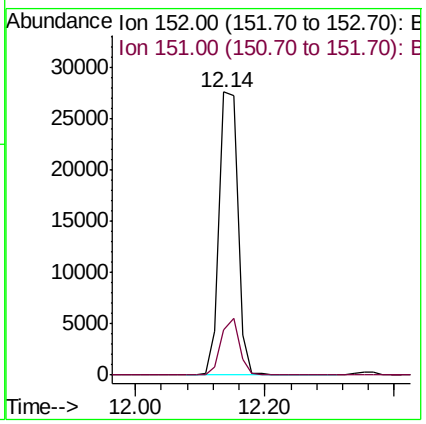


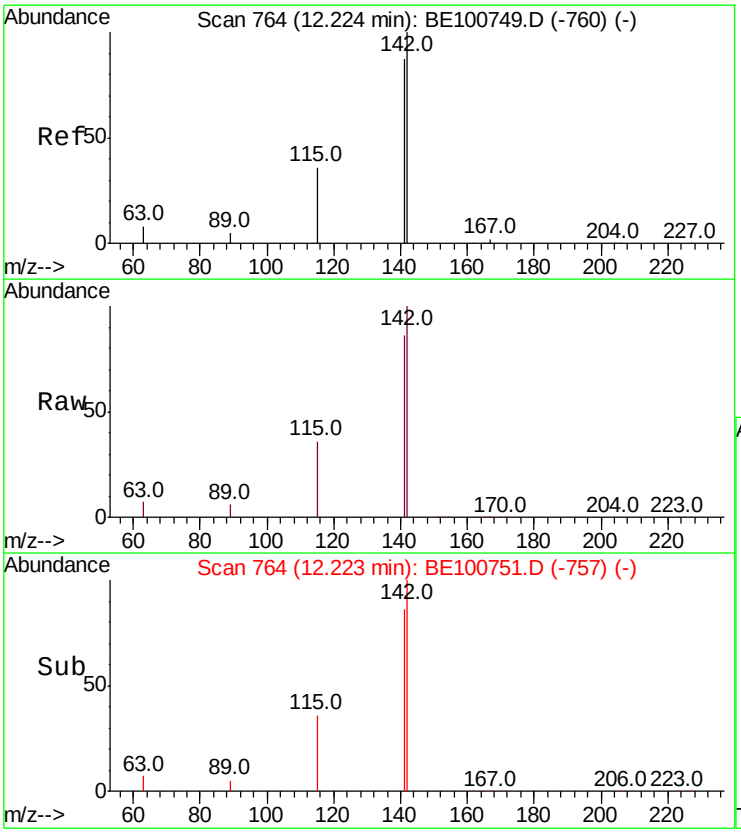
#11
2-Methylnaphthalene-d10
Concen: 1.518 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 54639

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.8

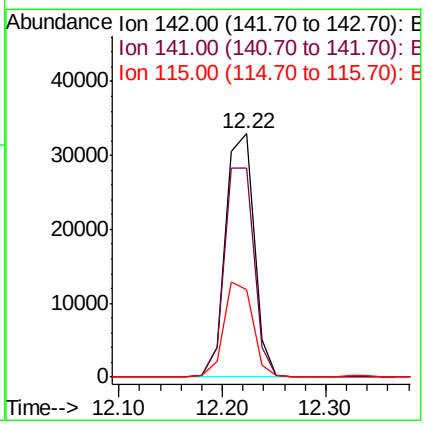


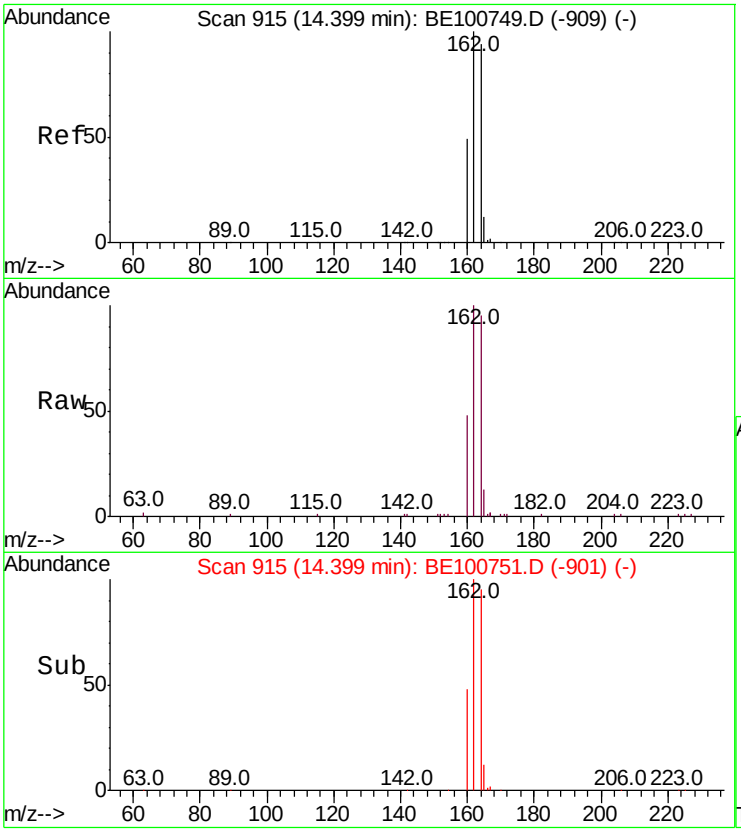


#12
2-Methylnaphthalene
Concen: 1.573 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Tgt Ion:142 Resp: 62736

Ion	Ratio	Lower	Upper
142	100		
141	86.0	69.9	104.9
115	36.1	29.5	44.3



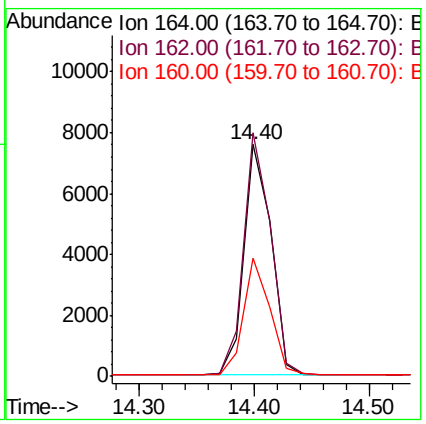


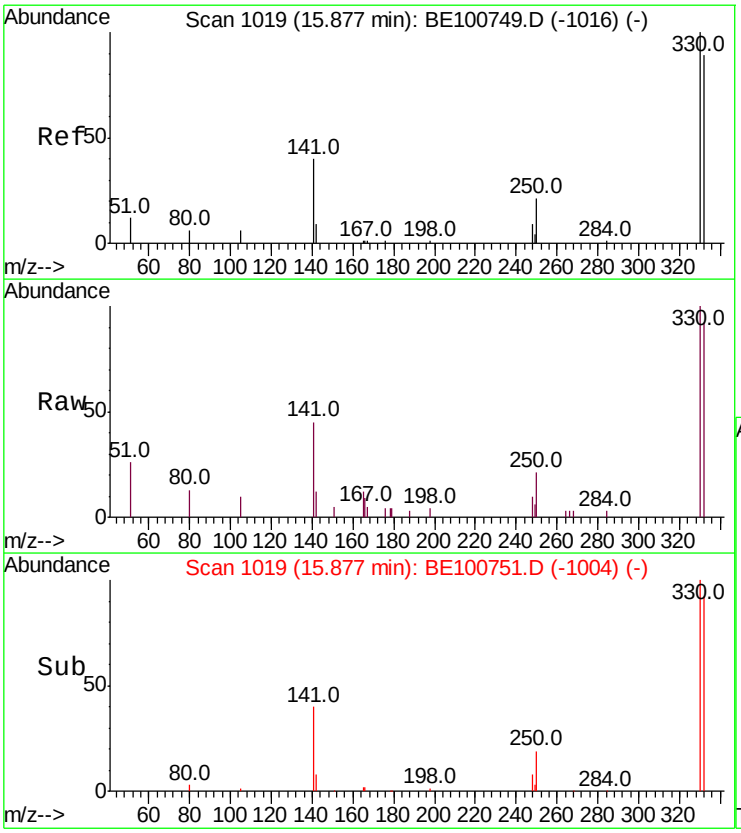
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 12241

Ion	Ratio	Lower	Upper
164	100		
162	105.0	84.8	127.2
160	50.8	42.3	63.5

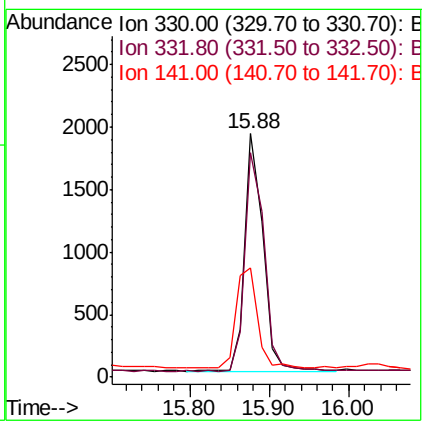


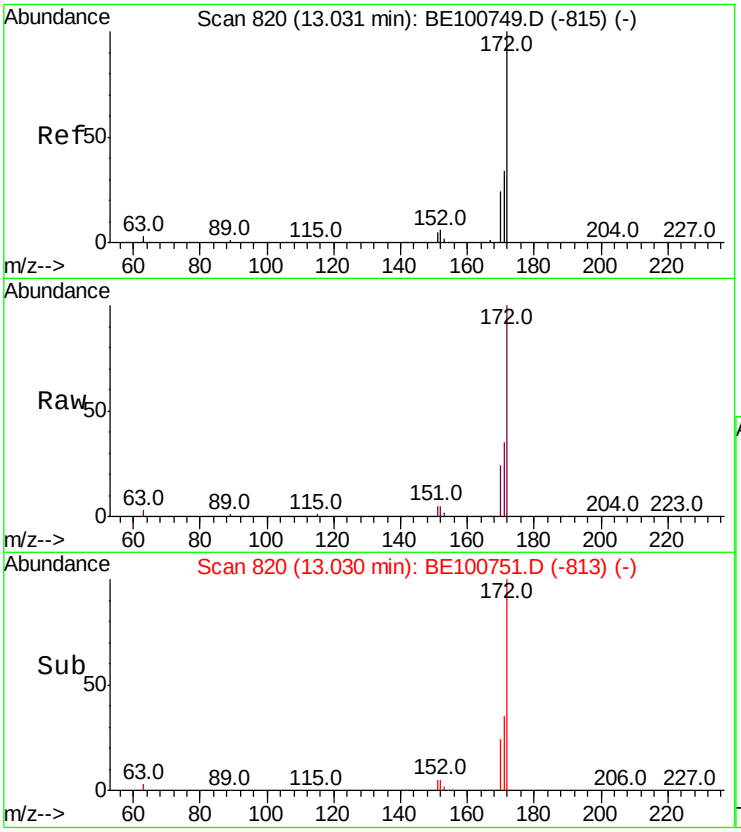


#14
2,4,6-Tribromophenol
Concen: 2.366 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Tgt Ion:330 Resp: 3013

Ion	Ratio	Lower	Upper
330	100		
332	100.0	79.3	118.9
141	49.4	43.8	65.6



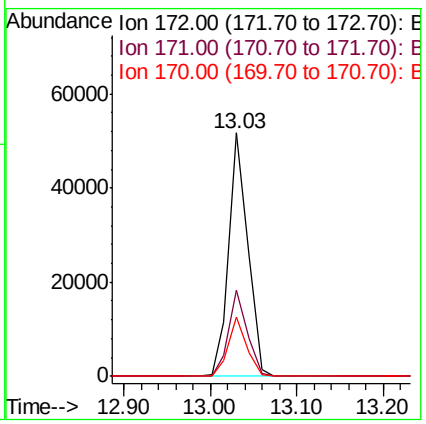


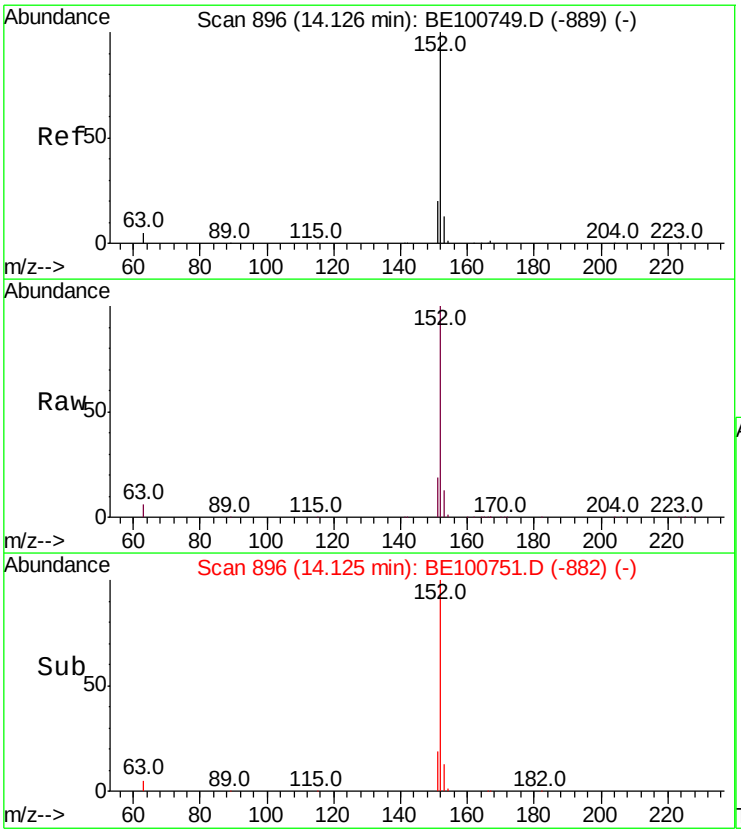
#15
2-Fluorobiphenyl
Concen: 1.741 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 78155

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.6
170	24.4	19.4	29.2

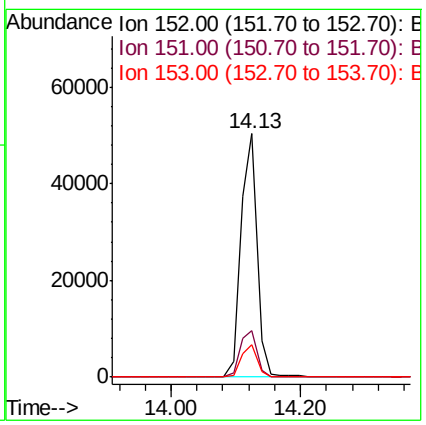


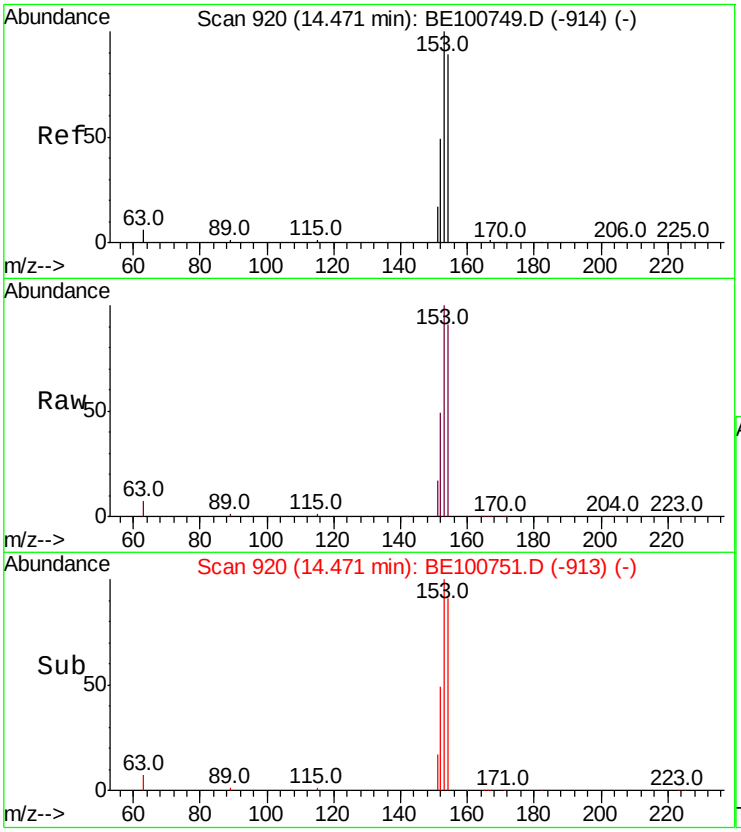


#16
Acenaphthylene
Concen: 1.749 ng
RT: 14.13 min Scan# 896
Delta R.T. -0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Tgt Ion:152 Resp: 86554

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.4
153	13.0	10.6	15.8



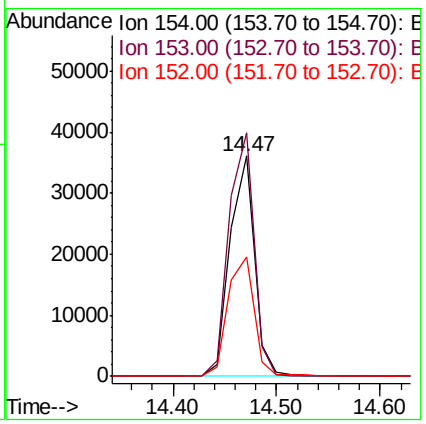


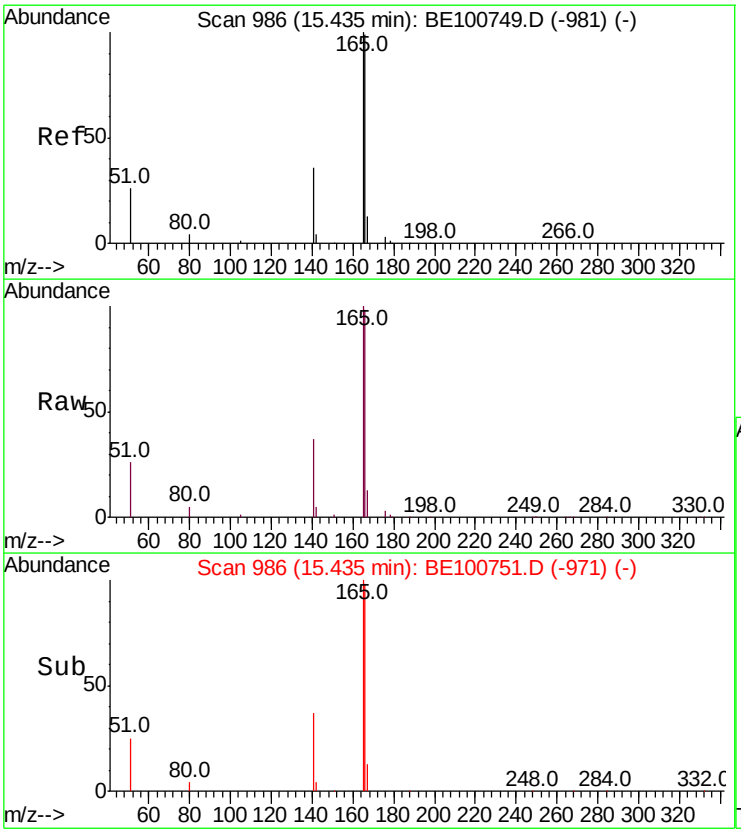
#17
Acenaphthene
Concen: 1.809 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 58825

Ion	Ratio	Lower	Upper
154	100		
153	113.2	91.6	137.4
152	57.9	47.0	70.6

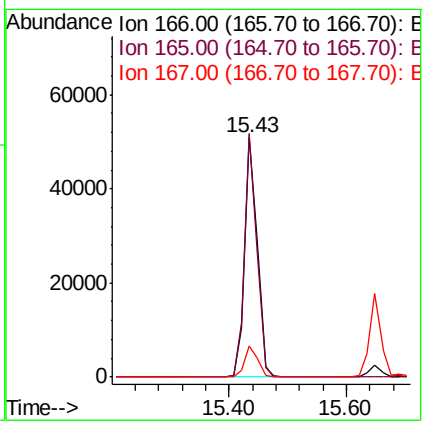


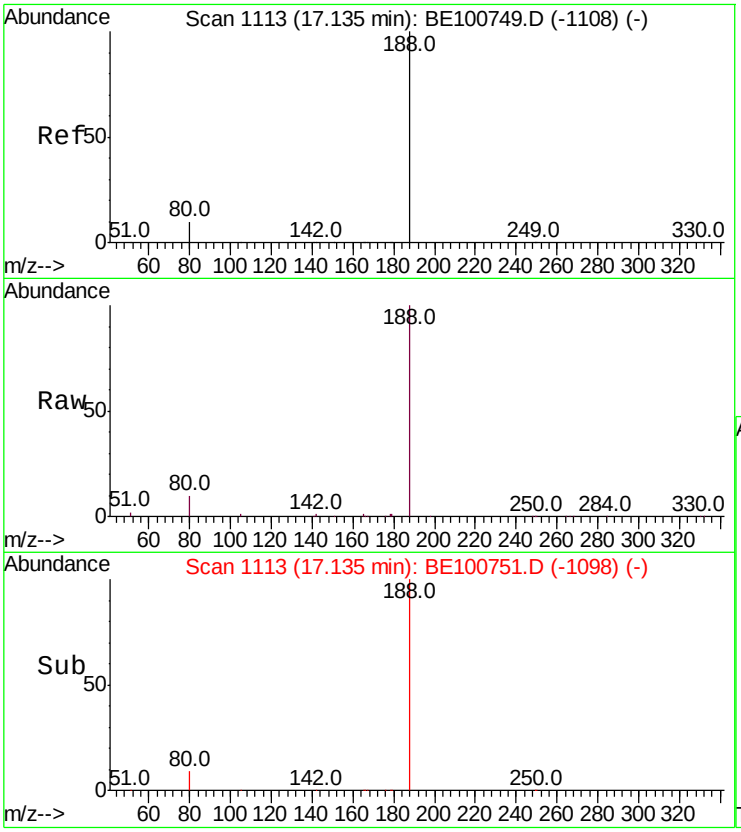


#18
Fluorene
Concen: 1.701 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Tgt Ion:166 Resp: 75674

Ion	Ratio	Lower	Upper
166	100		
165	99.2	80.2	120.4
167	13.4	11.0	16.4



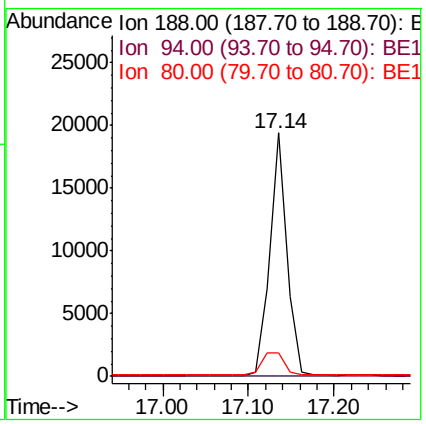


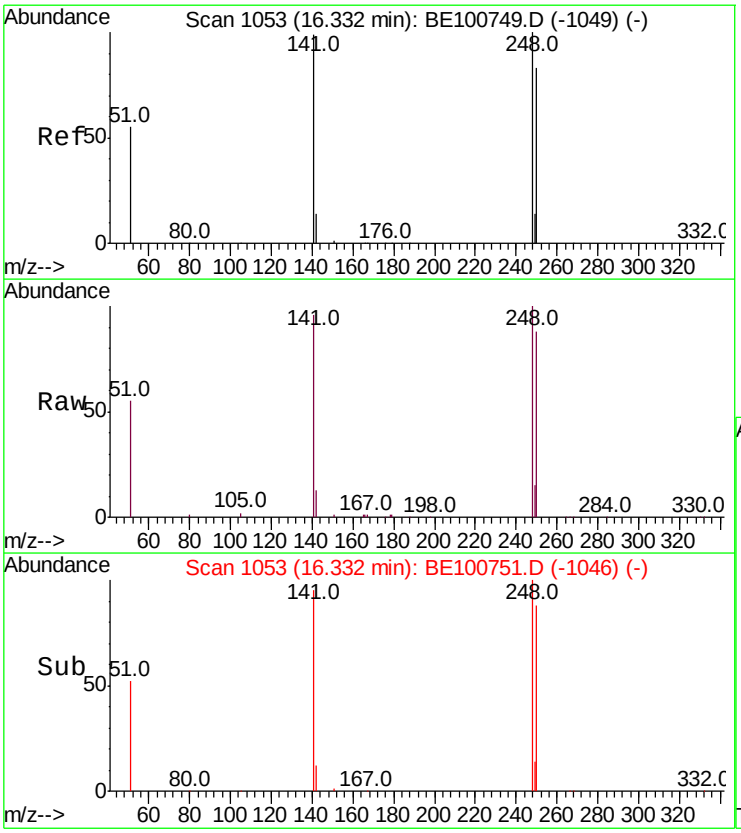
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.14 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 26796

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.9	8.2	12.2

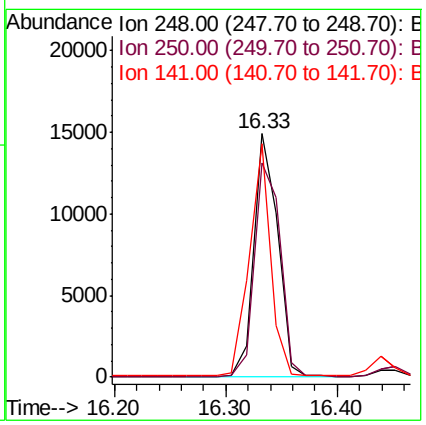


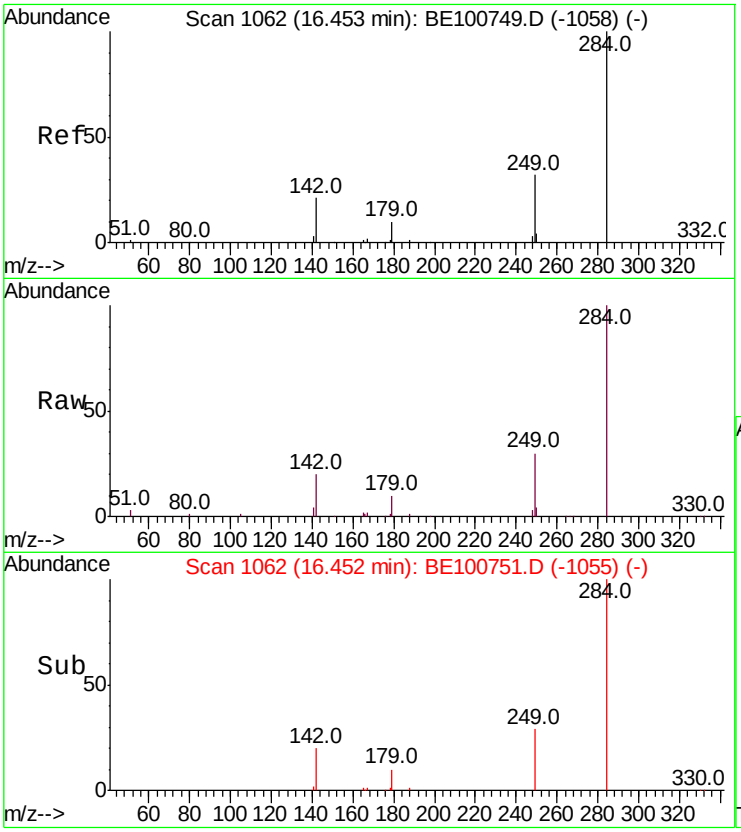


#20
4-Bromophenyl-phenylether
Concen: 1.552 ng
RT: 16.33 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Tgt Ion:248 Resp: 21976

Ion	Ratio	Lower	Upper
248	100		
250	87.9	66.3	99.5
141	95.6	79.6	119.4



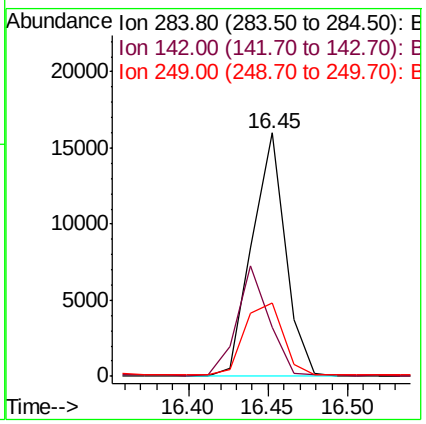


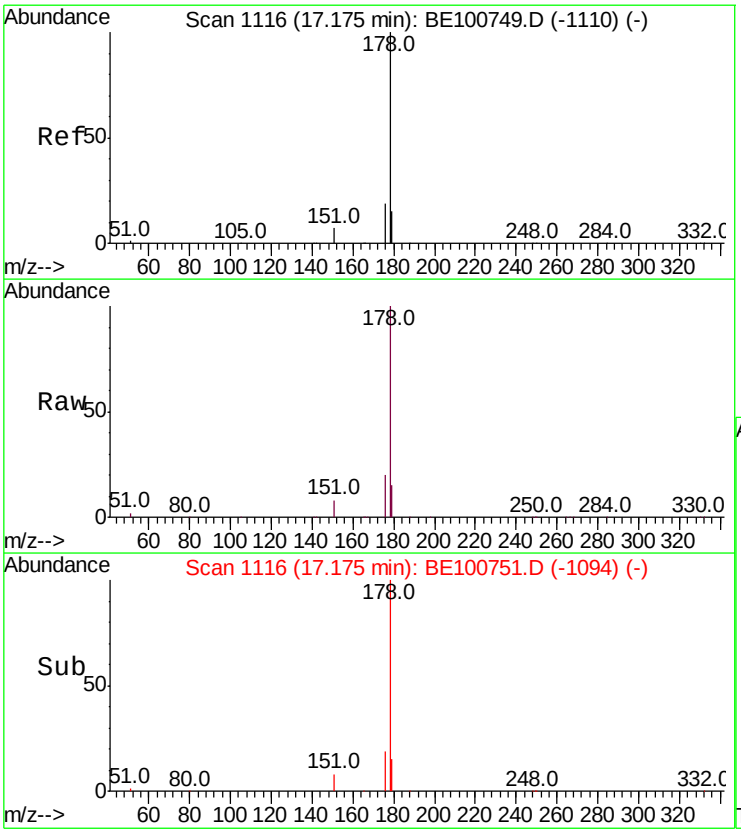
#21
Hexachlorobenzene
Concen: 1.668 ng
RT: 16.45 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:284 Resp: 22943

Ion	Ratio	Lower	Upper
284	100		
142	43.6	34.9	52.3
249	34.7	28.7	43.1

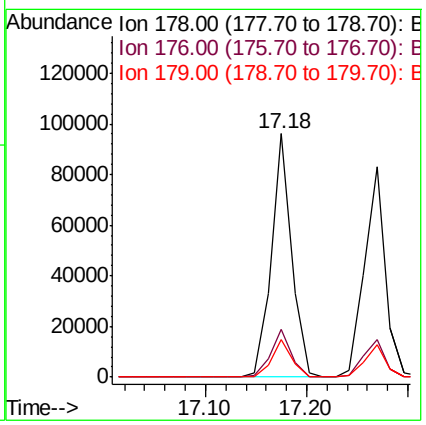


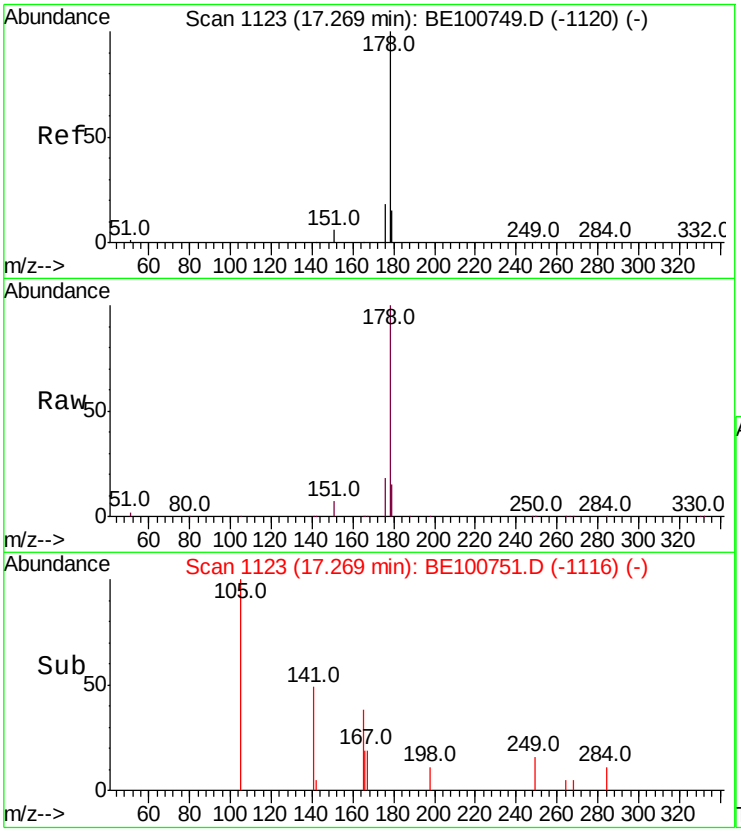


#23
Phenanthrene
Concen: 1.819 ng
RT: 17.18 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Tgt Ion:178 Resp: 132898

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



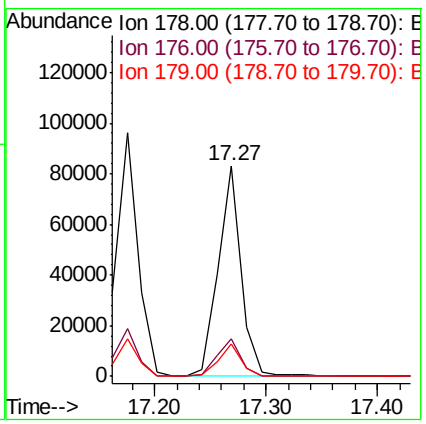


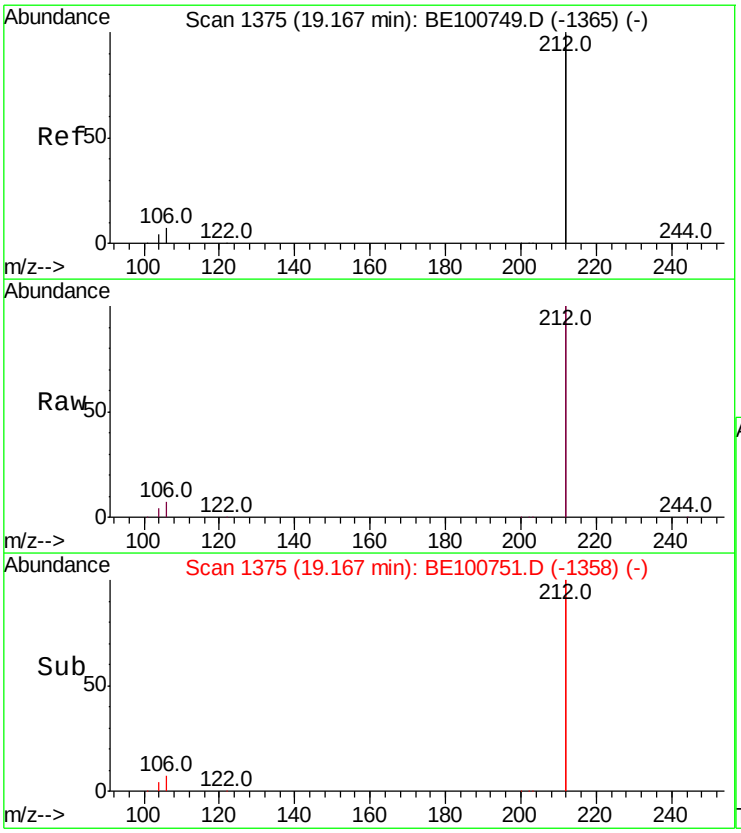
#24
Anthracene
Concen: 1.808 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 117956

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.9	22.3
179	15.1	12.2	18.4

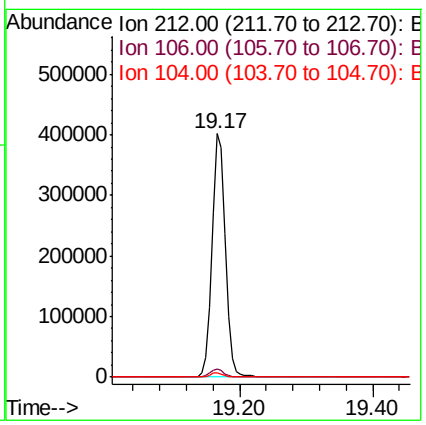


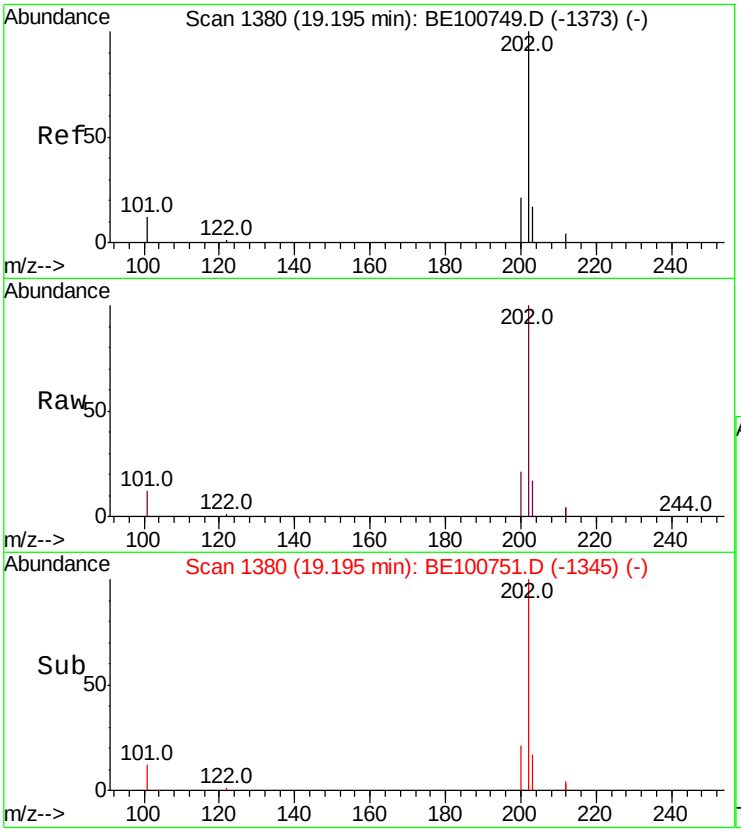


#25
Fluoranthene-d10
Concen: 1.565 ng
RT: 19.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Tgt Ion:212 Resp: 554303

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	4.0
104	1.8	1.5	2.3



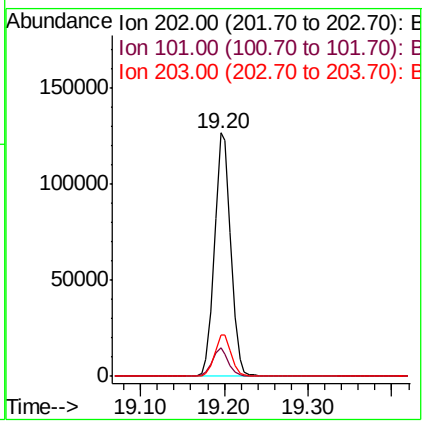


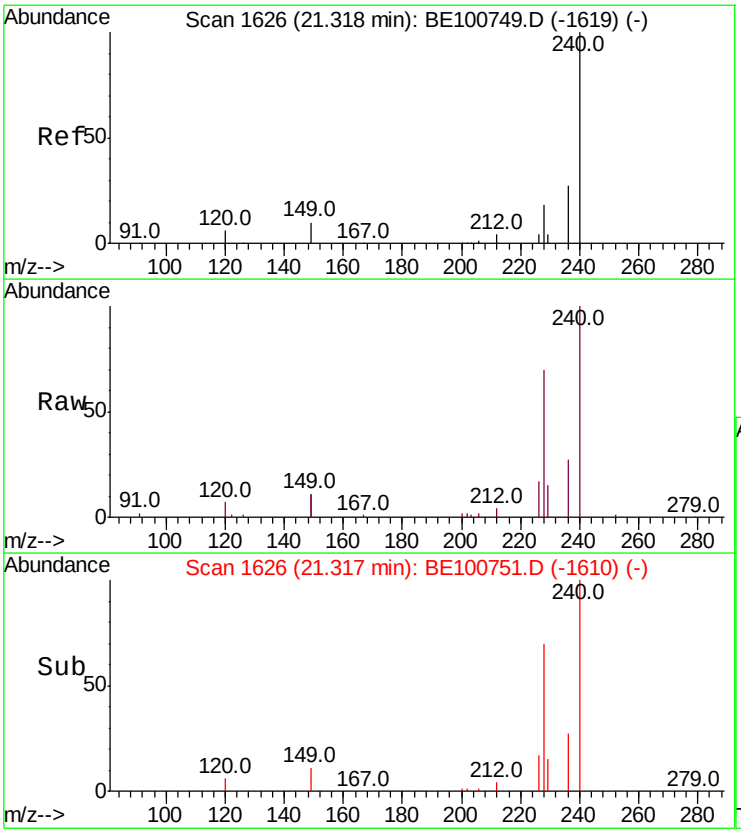
#26
Fluoranthene
Concen: 1.750 ng
RT: 19.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:202 Resp: 170696

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.2	13.8
203	17.4	13.8	20.8

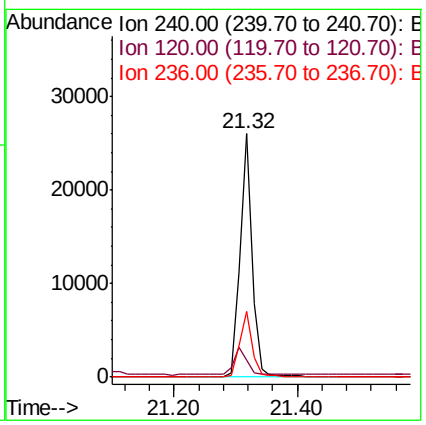


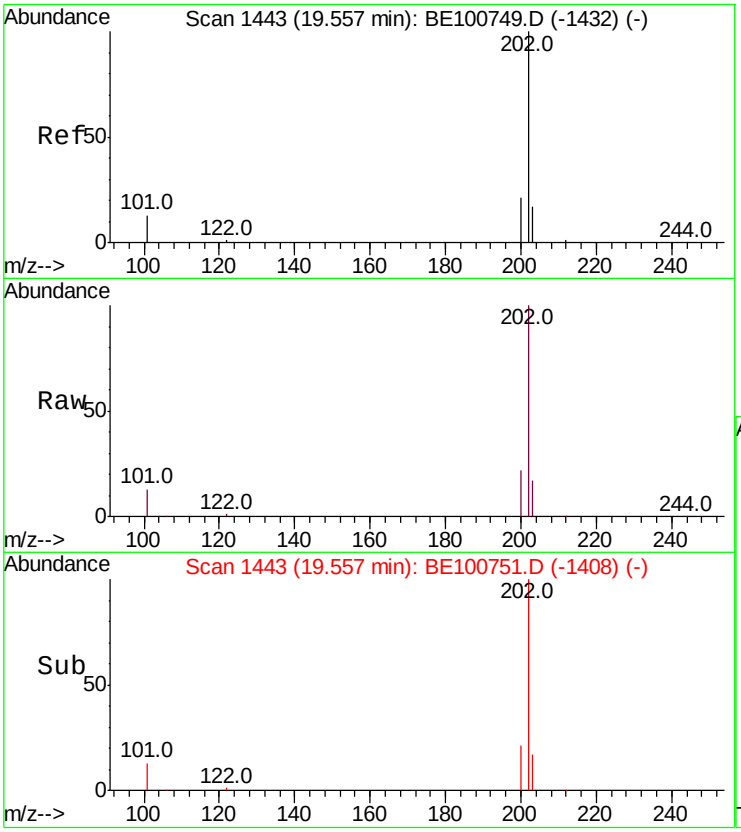


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Tgt Ion:240 Resp: 34146

Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.8	8.8
236	27.0	21.9	32.9



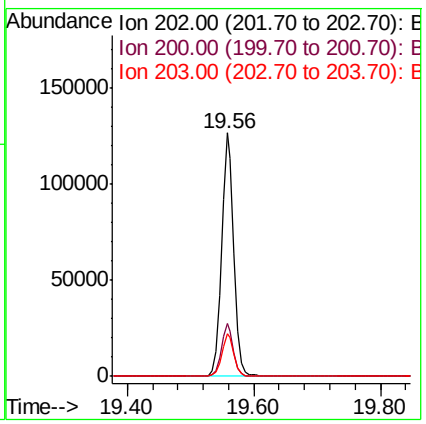


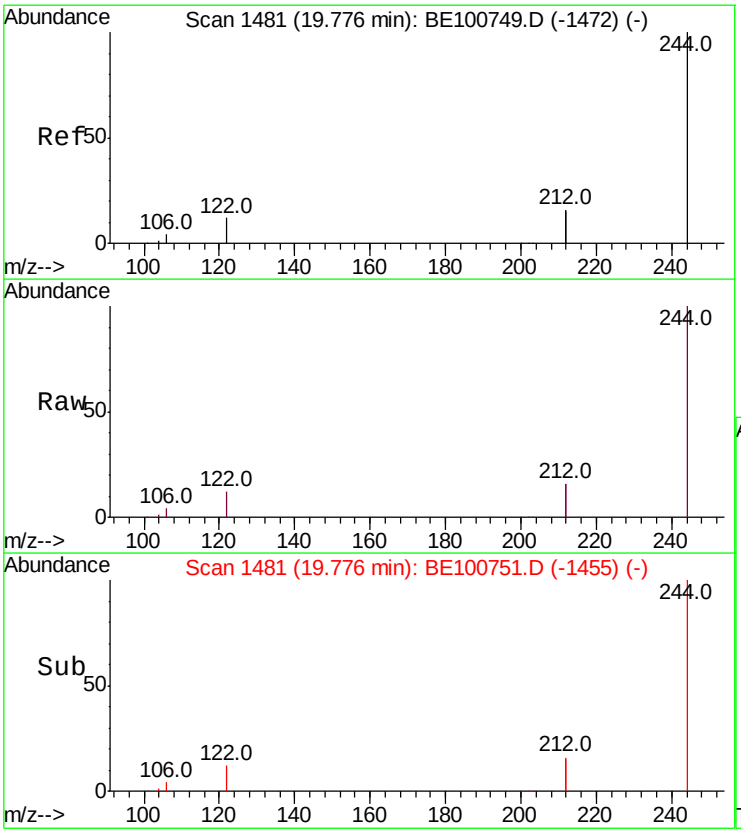
#28
Pyrene
Concen: 1.787 ng
RT: 19.56 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:202 Resp: 169610

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	24.8
203	17.4	14.0	21.0

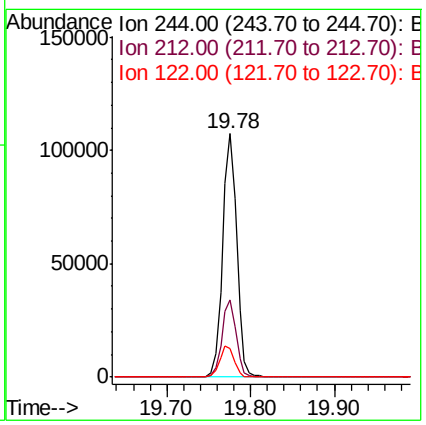


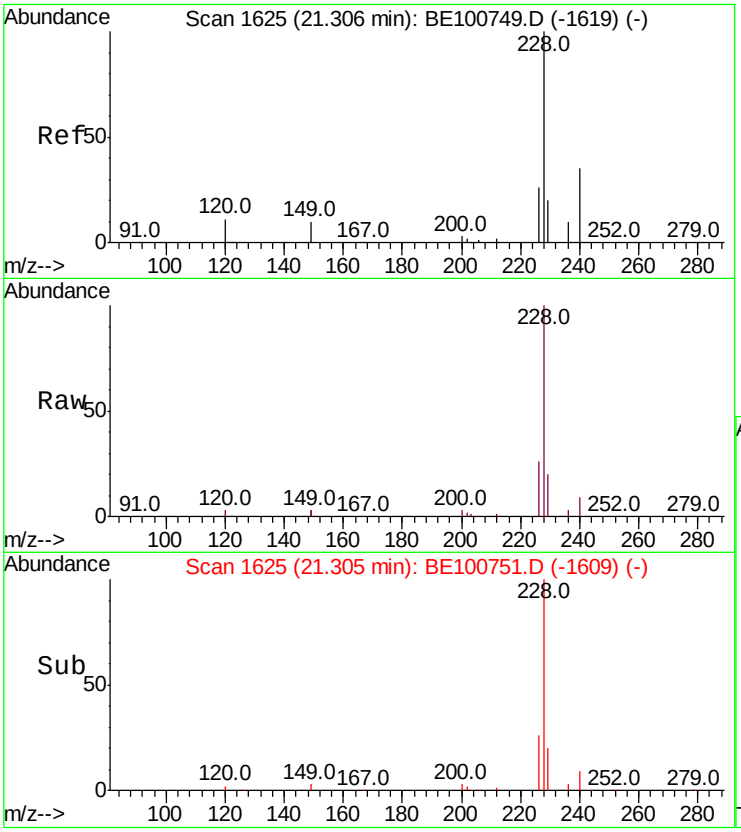


#29
Terphenyl-d14
Concen: 1.532 ng
RT: 19.78 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Tgt Ion:244 Resp: 124722

Ion	Ratio	Lower	Upper
244	100		
212	31.6	25.2	37.8
122	11.8	9.8	14.6



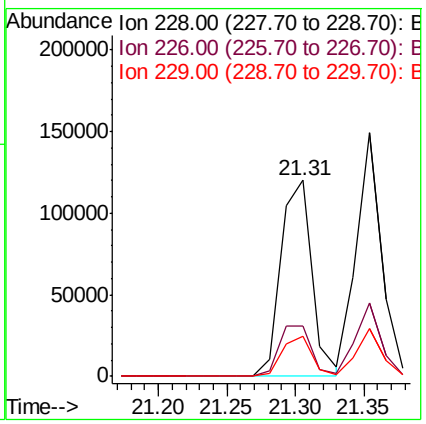


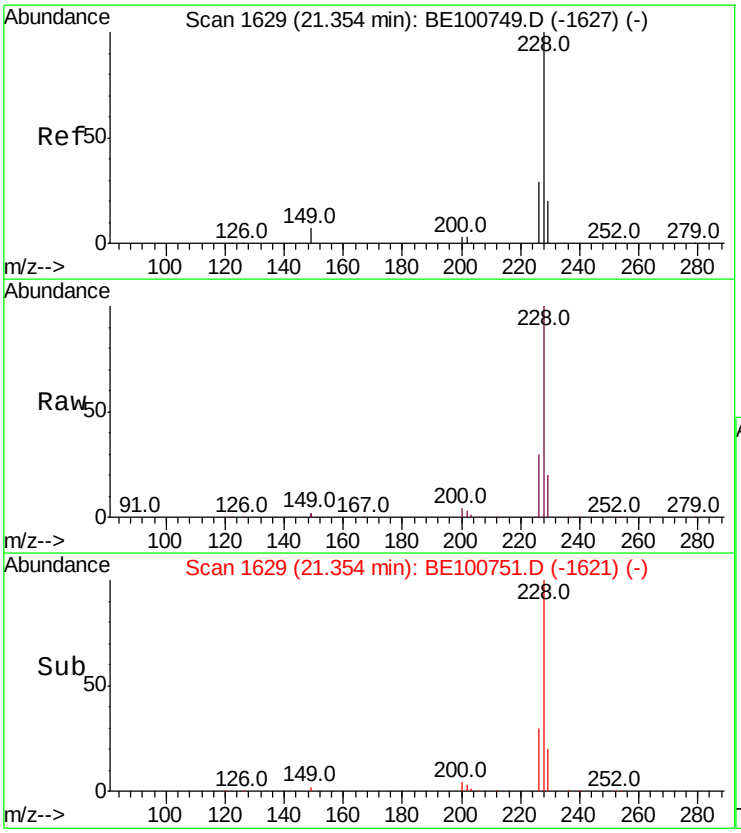
#30
Benzo(a)anthracene
Concen: 1.714 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 187749

Ion	Ratio	Lower	Upper
228	100		
226	25.9	20.7	31.1
229	20.4	16.2	24.2

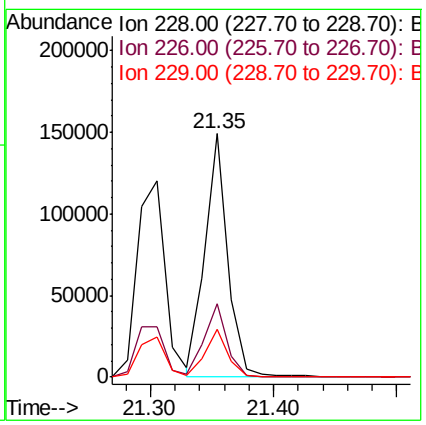


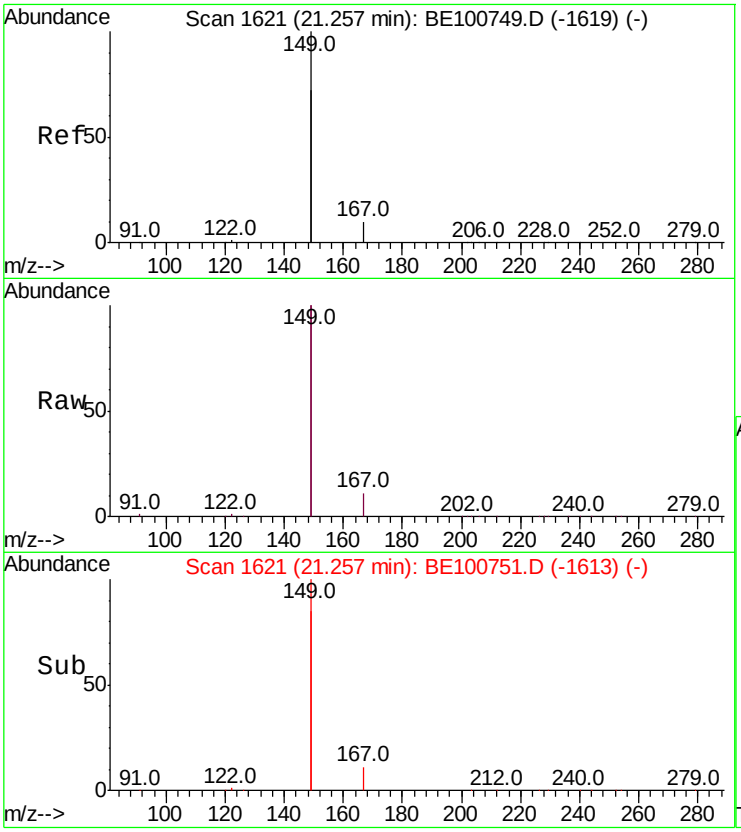


#31
Chrysene
Concen: 1.715 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Tgt Ion:228 Resp: 190810

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.6
229	19.8	15.9	23.9



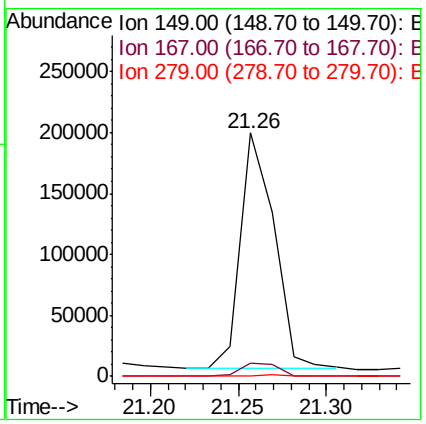


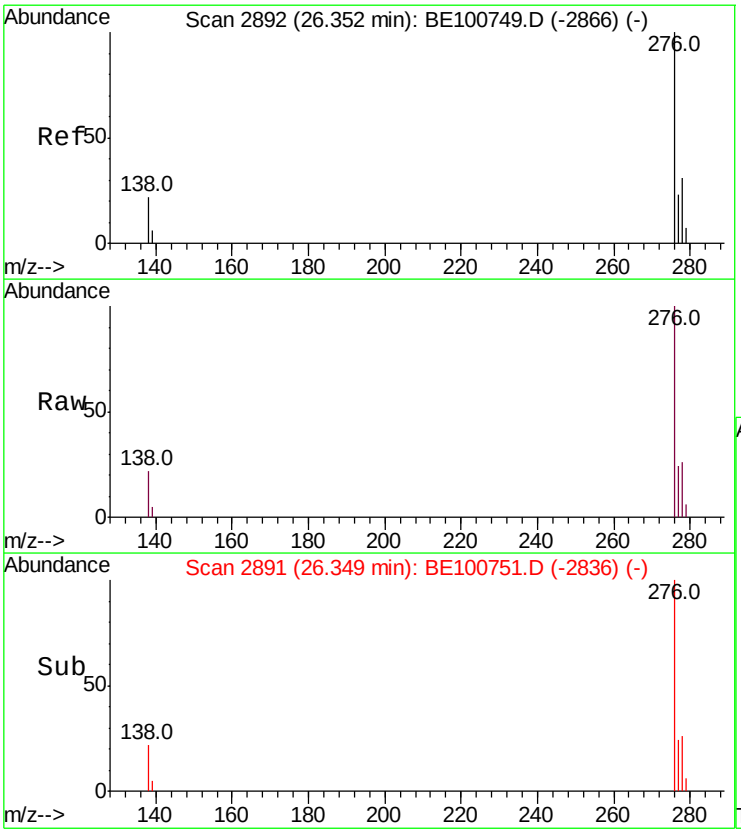
#32
Bis(2-ethylhexyl)phthalate
Concen: 1.300 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:149 Resp: 252804

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

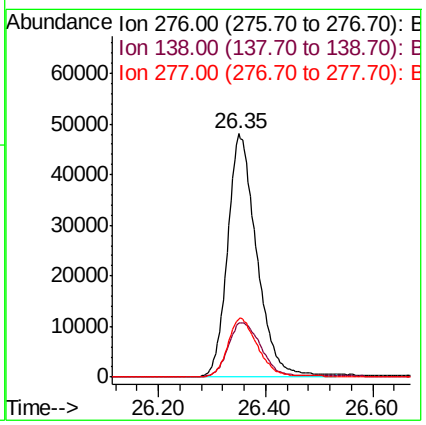


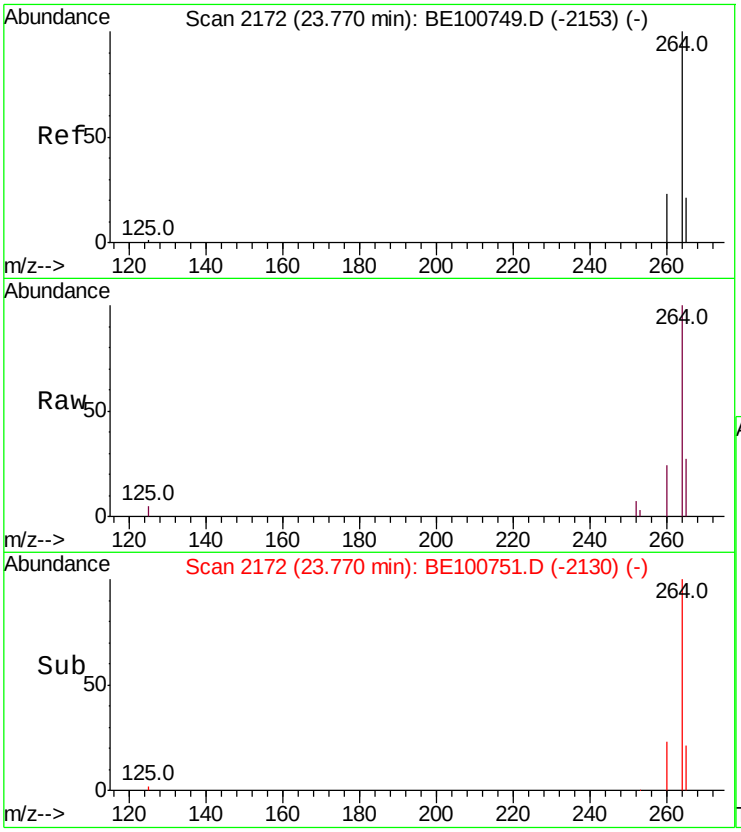


#33
Indeno(1,2,3-cd)pyrene
Concen: 1.385 ng
RT: 26.35 min Scan# 2891
Delta R.T. -0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Tgt Ion:276 Resp: 180595

Ion	Ratio	Lower	Upper
276	100		
138	25.3	19.8	29.6
277	24.9	19.7	29.5



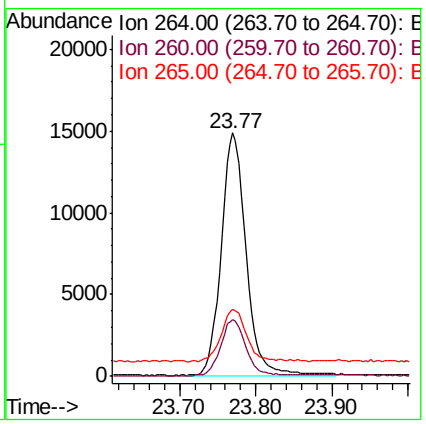


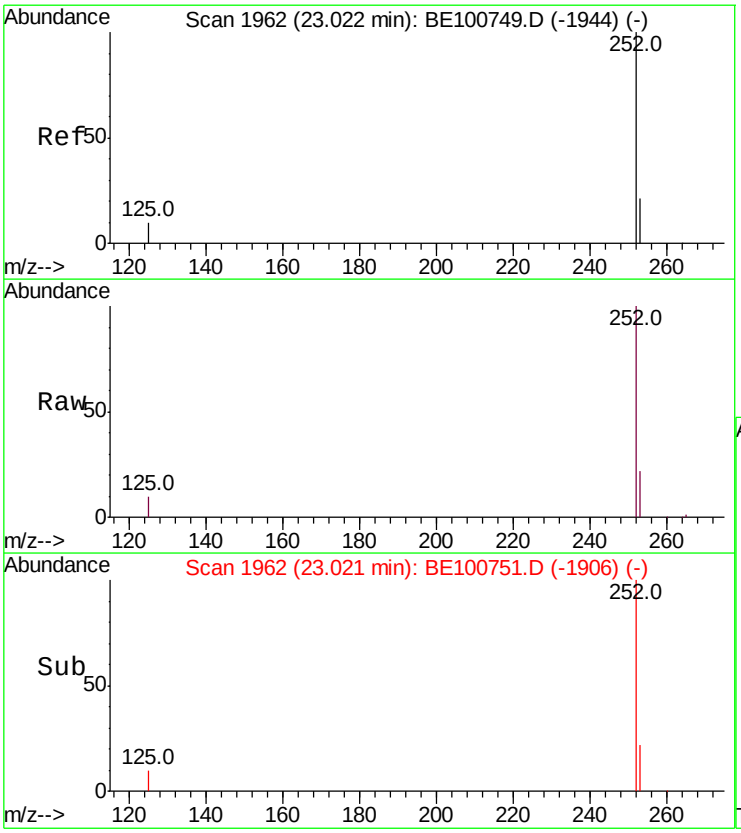
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.77 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:264 Resp: 33453

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	27.4	22.4	33.6

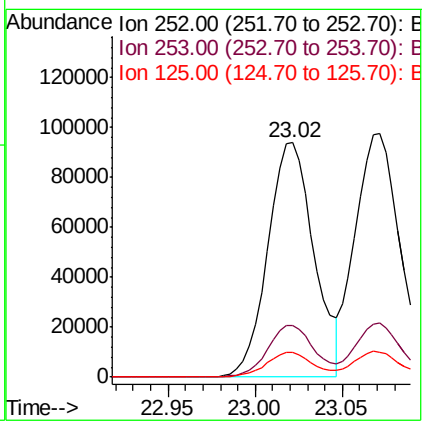


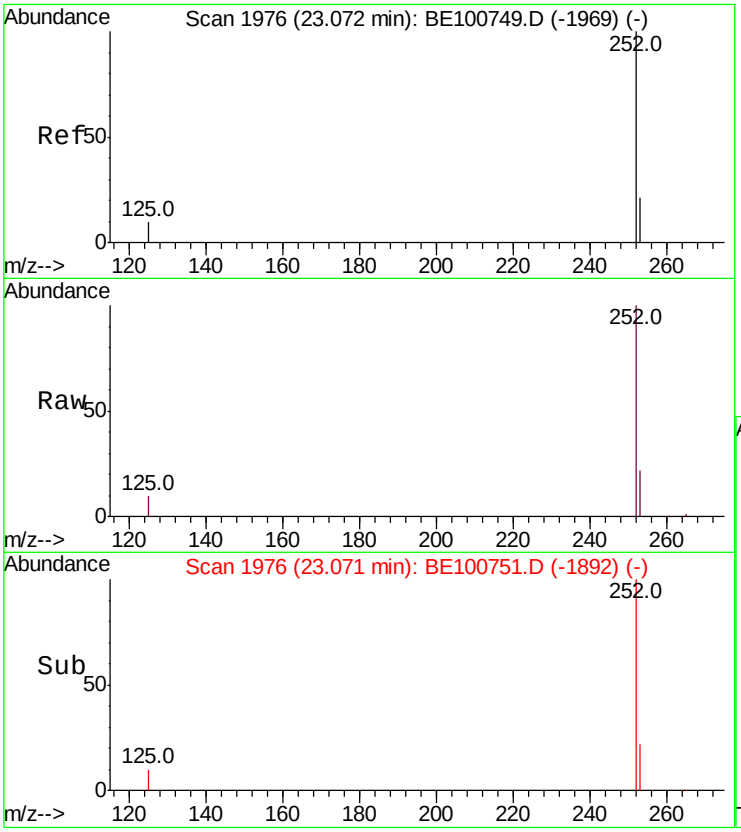


#35
Benzo(b)fluoranthene
Concen: 1.768 ng
RT: 23.02 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Tgt Ion:252 Resp: 172583

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	10.4	9.1	13.7



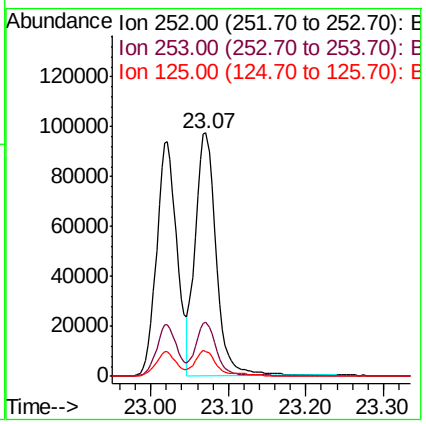


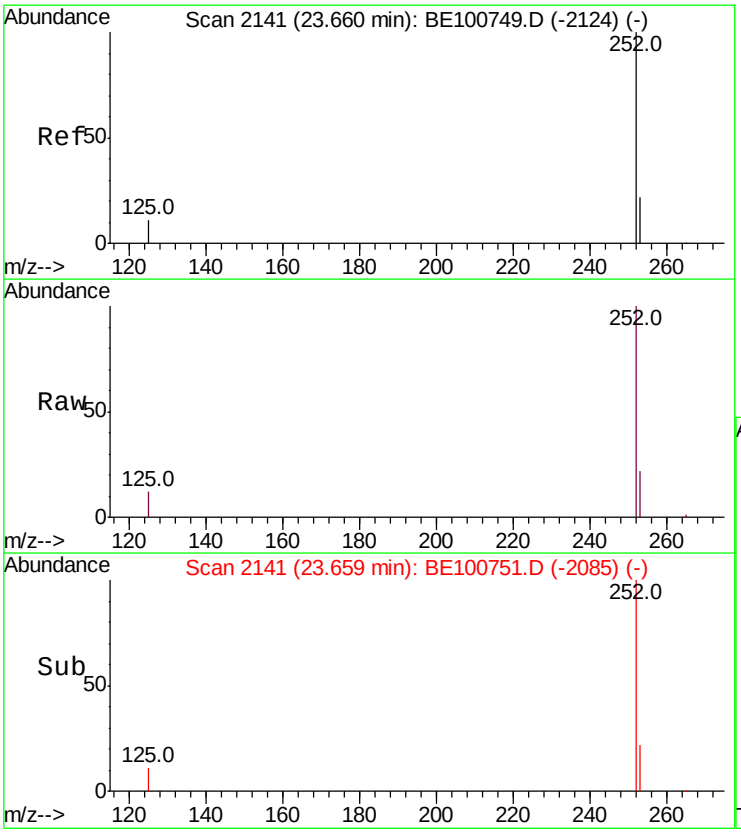
#36
Benzo(k)fluoranthene
Concen: 1.781 ng
RT: 23.07 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 182156

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	10.2	9.0	13.4

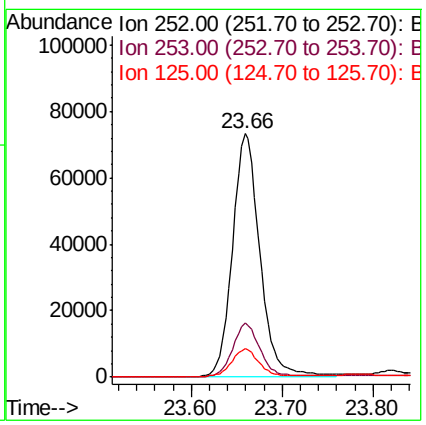


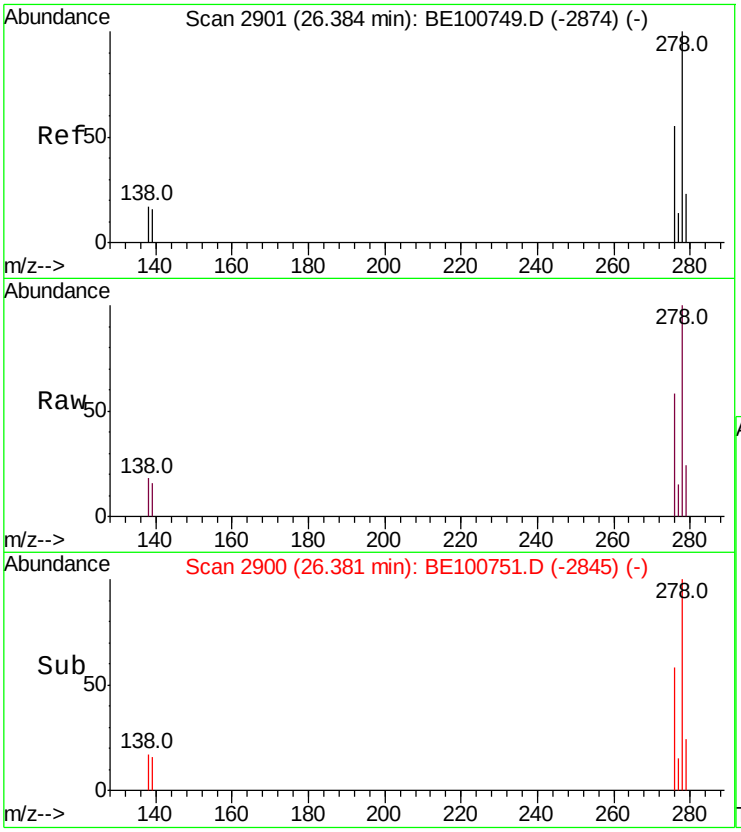


#37
Benzo(a)pyrene
Concen: 1.672 ng
RT: 23.66 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Tgt Ion:252 Resp: 152096

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.3	27.5
125	11.6	10.5	15.7



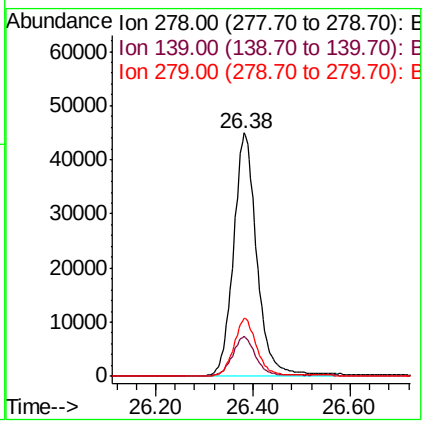


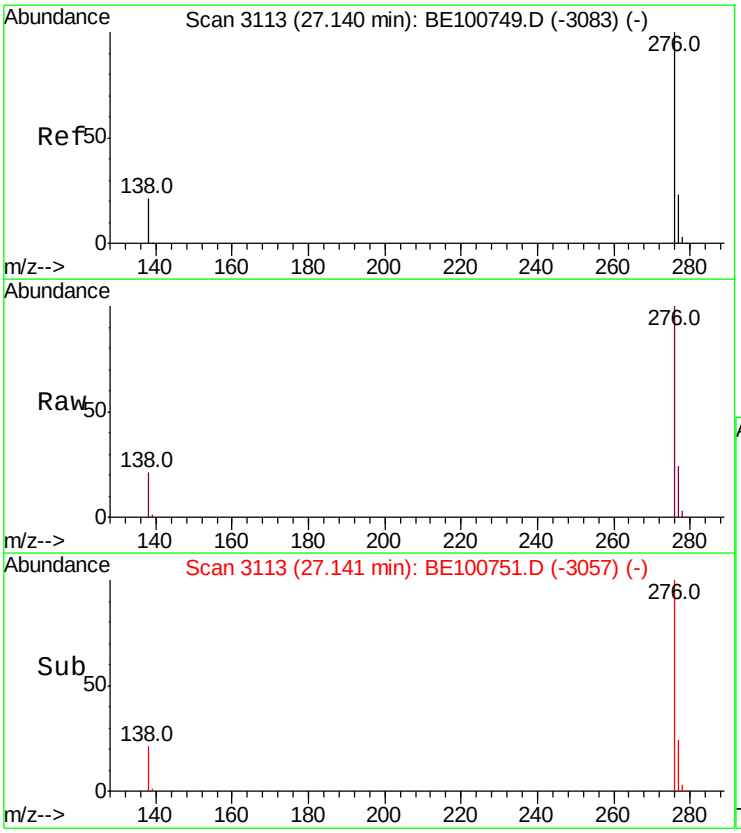
#38
Dibenzo(a,h)anthracene
Concen: 1.585 ng
RT: 26.38 min Scan# 2900
Delta R.T. -0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:278 Resp: 150317

Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.2	19.8
279	23.7	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 1.624 ng
RT: 27.14 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BE100751.D
Acq: 21 Nov 2019 19:06

Tgt Ion:276 Resp: 151117

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	21.4	17.8	26.8